REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	1	576

DISTRICT OF COLUMBIA

DEPARTMENT OF TRANSPORTATION

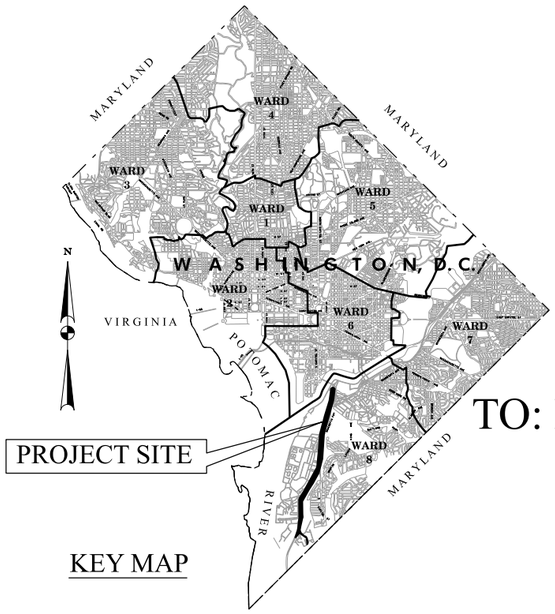
100% PLANS OF PROPOSED

SOUTH CAPITOL STREET TRAIL

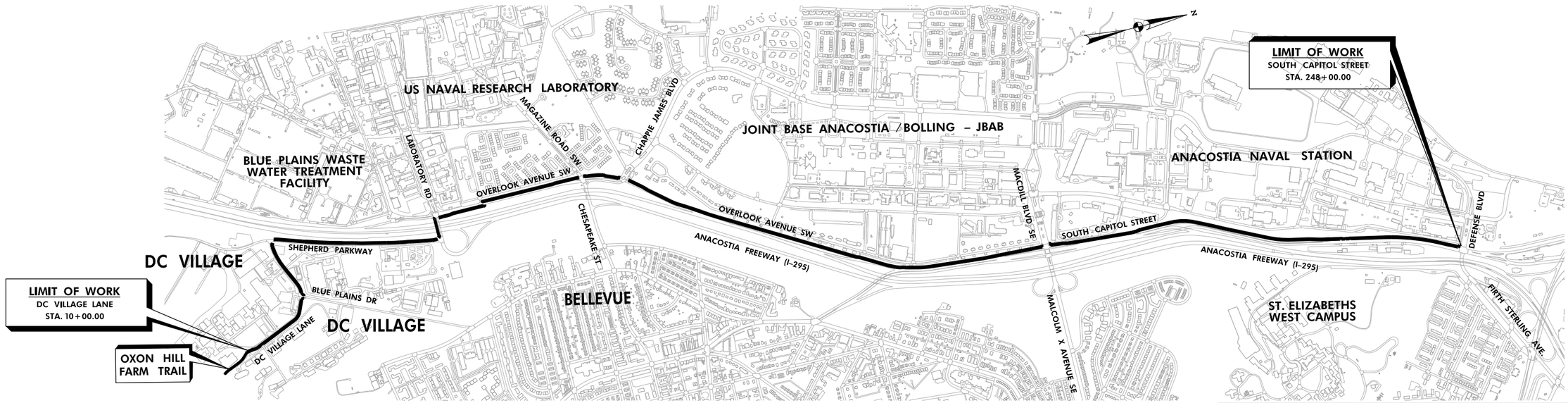
FROM: WESTERN LIMIT OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVENUE AND S. CAPITOL STREET INTERSECTION

PROJECT NO. ZUT10C
FEDERAL AID PROJECT NO. 1501 (044)

LENGTH OF PROJECT = 3.8 MILES



KEY MAP



LOCATION MAP
NOT TO SCALE

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

RECOMMENDED FOR APPROVAL:

PROGRAM MANAGER IPMA /CHIEF, IPMA SUPPORT DIVISION

APPROVED:

CHIEF TRANSPORTATION ENGINEER

POLICY, PLANNING AND SUSTAINABILITY ADMINISTRATION

TRAFFIC SERVICES ADMINISTRATION

DATE:

DEPT. OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINISTRATOR

DATE:

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
DARLON D. SINGLETON
NO. PE904
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

SHA V8 CAD Standards Version: 0.0 Title Rev. Date:
DDOT.V8i_HALF_BW.TBL
DDOT.PEN
pGN-N001_SCSTr-ali.dgn
2/24/2026

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	1A	576

The following stamps were applied via the Surface and Groundwater System. Each stamp was signed electronically at the indicated time.

DEPARTMENT OF ENERGY & ENVIRONMENT — Erosion & Sediment Control Approval — File No. 24-4857

Notice: this Approval is for the Erosion & Sediment Control Plan only. All site activities, including clearing, grading, drainage, and construction of design features must be accomplished in strict accordance with this approved plan and 21 DCMR Chapter 5. The approved plan may not be revised or changed without DOEE's approval.

The applicant must complete a DOEE pre-construction inspection before starting any land disturbance and must request a DOEE final construction inspection within one week after completing land disturbance. See more info at doee.dc.gov/service/construction-site-inspections.
Request a pre -construction inspection at doee.dc.gov/SGI.

Failure to comply with the requirements of this approval may result in enforcement action.

Approved By: [redacted] Date: 04-03-2026 03:34 PM

AREA RESERVED FOR APPROVAL BLOCK

DEPARTMENT OF ENERGY & ENVIRONMENT — Stormwater Management Approval — File No. 24-4857

Notice: This Approval is for the Stormwater Management Plan (SWMP) only - all site activities, to construct BMPs and Installand cover must be accomplished in strict accordance with this approved plan and 21 DCMR Chapter 3. This approved plan may not be revised or changed without DOEE's approval.

The applicant must complete a DOEE pre-construction inspection before starting construction of any on-site BMP and must request a DOEE final construction inspection within one week after completing construction of the SWMP. See more info at doee.dc.gov/service/construction-site-inspections.
Request a pre -construction inspection at doee.dc.gov/SGI.

Failure to comply with the requirements of this approval may result in enforcement action.

Approved By: [redacted] Date: 04-03-2026 03:34 PM

DEPARTMENT OF ENERGY & ENVIRONMENT — Floodplain Management Approval — File No. 24-4857

Notice: This Approval is for Floodplain Management only. The applicant must ensure that all clearing, grading, drainage, and facility development construction are accomplished in strict accordance with this approved plan and 20 DCMR Chapter 31. If there is a need to make any changes or modifications in the approved design, this office must be notified immediately.

Failure to comply with the requirements of this approval may result in enforcement action.

Approved By: [redacted] Date: 04-03-2026 01:39 PM

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED

SOUTH CAPITOL STREET TRAIL

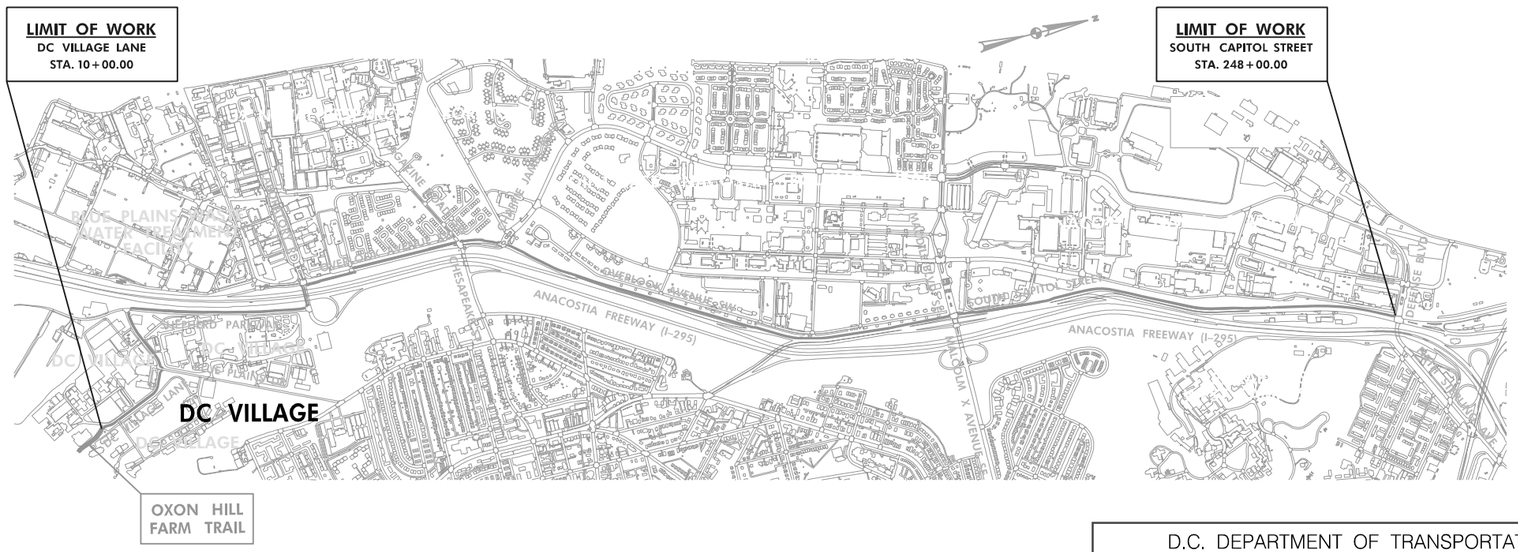
FROM: WESTERN LIMIT OF
OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVENUE AND
S. CAPITOL STREET INTERSECTION

DOEE PLAN NUMBER 4857
PROJECT NO. ZUT10C
FEDERAL AID PROJECT NO. 1501 (044)

LENGTH OF PROJECT = 3.8 MILES

INDEX OF SHEETS

01	COVER SHEET
02 - 41	EROSION & SEDIMENT CONTROL PLANS
42 - 81	STORMWATER MANAGEMENT PLANS
82 - 89	DRAINAGE PLANS
90 - 127	LANDSCAPE PLANS



PROJECT NARRATIVE

THE SOUTH CAPITOL STREET TRAIL IS A PROPOSED 10' WIDE MULTI-PURPOSE ASPHALT PAVED TRAIL, APPROXIMATELY 3.8 MILES IN LENGTH. THE PROPOSED MULTI-PURPOSE TRAIL ORIGINATES AT THE OXON HILL FARM TRAIL ALONG DC VILLAGE LANE AND EXTENDS TO THE EXISTING INTERSECTION WITH OVERLOOK AVENUE SW AND LABORATORY ROAD AT ITS SOUTHERN MOST PROJECT TERMINUS AND EXTENDS NORTH ALONG THE EASTERN EDGE OF OVERLOOK AVENUE SW BEFORE CROSSING TO THE WESTERN EDGE OF OVERLOOK AVENUE SW AT THE LOCAL ENTRANCE INTO DC VILLAGE. FROM THIS POINT, THE PROPOSED MULTI-PURPOSE TRAIL CONTINUES NORTHWARD ALONG THE WESTERN EDGE OF OVERLOOK AVENUE SW WHILE TRANSITIONING TO SOUTH CAPITOL STREET SW AND EXTENDS TO ITS NORTHERN MOST PROJECT TERMINUS AT THE EXISTING INTERSECTION OF SOUTH CAPITOL STREET SW, FIRTH STERLING AVENUE SE, AND DEFENSE BOULEVARD.

DISTRICT OF COLUMBIA — BRITTANY R. ALLISON — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

COVER SHEET

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE
SHEET 1A OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	2	576

DRAWING NO.	SHEET NO.	DRAWING DESCRIPTION
		GENERAL
GN-1	1	TITLE SHEET
GN-2	2	INDEX OF SHEETS
GN-3	3	GENERAL NOTES
GN-4	4	STANDARD SYMBOLS AND ABBREVIATIONS
GN-5	5	SHEET INDEX AND LAYOUT
GN-6 to GN-7	6 to 7	SUMMARY OF PAY ITEMS AND QUANTITIES
GS-1 to GS-7	8 to 14	SURVEY DATA AND GEOMETRIC DATA
GS-8 to GS-10	15 to 17	SURVEY TRAVERSE AND CONTROL POINTS
		EXISTING CONDITIONS
EX-1 to EX-38	18 to 53	EXISTING CONDITIONS PLAN
		SOIL BORING LOGS
SO-1 to SO-5	54 to 58	SOIL BORING LOGS
		TYPICAL SECTIONS
HT-1 to HT-4	59 to 62	PROPOSED TRAIL TYPICAL SECTIONS
		ROADWAY PLANS AND PROFILES
HD-1 to HD-38	63 to 98	PAVING AND GRADING PLAN
HD-39 to HD-41	99 to 101	ROADWAY STANDARD DETAILS
HD-42 to HD-46	102 to 106	INTERSECTION DETAILS
HP-1 to HP-35	107 to 141	PROPOSED TRAIL PROFILE
HP-36 to HP-47	142 to 153	PROPOSED TOP OF CURB PROFILE
		DRAINAGE AND STORMWATER MANAGEMENT PLAN
SW-1 to SW-38	154 to 189	STORMWATER MANAGEMENT PLAN
SW-39 to SW-42	190 to 193	STORMWATER MANAGEMENT BMP PLAN AND PROFILES
SW-43 to SW-47	194 to 198	STORMWATER MANAGEMENT COMPLIANCE DATA
DP-1 to DP-4	198 to 202	DRAINAGE PROFILES
SD-1 to SD-4	203 to 206	DRAINAGE DETAILS
		EROSION AND SEDIMENT CONTROL
ES-0	207	EROSION AND SEDIMENT CONTROL NOTES
ES-1 to ES-38	208 to 243	EROSION AND SEDIMENT CONTROL PLAN
ES-39 to ES-41	244 to 246	EROSION AND SEDIMENT CONTROL DETAILS
		LANDSCAPE PLAN
LD-1 to LD-38	247 to 282	LANDSCAPE PLAN
LD-39	283	LANDSCAPE PLANS BIORET ENTION PLANTING AREAS
LD-40	284	PLANTING SCHEDULES AND LANDSCAPE NOTES
LD-41	285	LANDSCAPE DETAILS
		MAINTENANCE OF TRAFFIC (MOT)
MT-0	286	MOT GENERAL NOTES AND SEQUENCE CONSTRUCTION
MT-0A	287	TRANSPORTATION MANAGEMENT PLAN
MT-1 to MT-5	288 to 292	MOT - DC VILLAGE LANE
MT-6 to MT-10	293 to 297	MOT - BLUE PLAINS DRIVE
MT-11 to MT-18	298 to 305	MOT - SHEPHERD PARKWAY
MT-19 to MT-21	306 to 308	MOT - LABORATORY ROAD
MT-22 to MT-34	309 to 321	MOT - OVERLOOK AVENUE
MT-35 to MT-48	322 to 335	MOT - SOUTH CAPITOL STREET

DRAWING NO.	SHEET NO.	DRAWING DESCRIPTION
		LIGHTING
LT-0	336	LIGHTING SYMBOL, ABBREVIATION, AND NOTES
LT-1 to LT-38	337 to 372	PROPOSED LIGHTING PLAN
N-1 to N-15	373 to 387	LIGHTING WIRING DIAGRAM
S-1 to S-4	388 to 391	SCHEDULE OF QUANTITIES (LIGHTING)
LP-1 to LP-38	392 to 427	PROPOSED LIGHTING PHOT OMETRICS
D-1 to D-4	428 to 431	LIGHTING DETAILS
		STRUCTURAL (WALLS)
ST-1	432	WALL # 1A - PLAN AND PROFILE
ST-2	433	WALL # 1B - PLAN AND PROFILE
ST-3	434	WALL # 2 - PLAN AND PROFILE
ST-4	435	WALL # 2 - PLAN AND PROFILE
ST-5	436	WALL # 2 AND WALL #3 - PLAN AND PROFILE
ST-6	437	WALL # 3 - PLAN AND PROFILE
ST-7	438	WALL # 4 AND WALL #5 - PLAN AND PROFILE
ST-8 to ST-9	439 to 440	WALLS #1 AND #5 DETAILS
ST-10 to ST-11	441 to 442	WALLS #2 AND #4 DETAILS
ST-12 to ST-13	443 to 444	WALL #3 DETAILS
		SIGNING AND PAVEMENT MARKING
PM-00	445	PAVEMENT MARKING AND SIGNING DETAILS
PM-1 to PM-38	446 to 467	SIGNING AND PAVEMENT MARKING PLANS
		TRAFFIC SIGNAL AND COMMUNICATIONS
SG-01 to SG-04	468 to 471	OVERLOOK AVENUE, LABORATORY ROAD, RAMP 26 AND RAMP 27, SW TRAFFIC SIGNAL PLANS
SG-05 to SG-08	472 to 475	OVERLOOK AVENUE, CHESAPEAKE STREET AND MAGAZINE ROAD SW TRAFFIC SIGNAL PLANS
SG-09 to SG-12	476 to 479	OVERLOOK AVENUE AND CHAPPIE JAMES BLVD. SW TRAFFIC SIGNAL PLANS
SG-13 to SG-16	480 to 483	SOUTH CAPITOL STREET, MACDILL BOULEVARD AND MALCOM X AVENUE TRAFFIC SIGNAL PLANS
SG-17	484	OVERLOOK AVE, LABORATORY RD, RAMP 26 AND 27 - EXISTING COMMUNICATION CABLE PLAN
SG-18 to SG-19	485 to 486	OVERLOOK AVE, LABORATORY RD, RAMP 26 AND 27 - PROPOSED COMMUNICATION CABLE PLAN
SG-20	487	LABORATORY ROAD SW, CHESAPEAKE STREET SW, CHAPPIE JAMES BOULEVARD SW - PROPOSED COMMUNICATION CABLE PLAN
SG-21	488	OVERLOOK AVENUE, LABORATORY ROAD, RAMP 26 AND RAM P 27, SW PROPOSED COMMUNICATION CABLE PLAN
SG-22	489	SOUTH CAPITOL STREET, MACDILL BOULEVARD AND MALCOLM X AVENUE FIBER OPTIC COMMUNICATION CABLE LOGICAL ROUTING
SG-23	490	SOUTH CAPITOL STREET, MACDILL BOULEVARD AND MALCOLM X AVENUE FIBER OPTIC COMMUNICATION CABLE LOGICAL DETAILS
SG-24	491	OVERLOOK AVENUE, LABORATORY ROAD, CHASEPEAKE STREET, AND CHAPPIE JAMES BOULEVARD (SW), AND MALCOLM X AVENUE (SE) FIBER OPTIC EQUIPMENT SUMMARY
		DC WATER FIRE HYDRANT RELOCATION PLAN
WT-1 TO WT-3	492 to 494	DC WATER FIRE HYDRANT RELOCATION PLAN
WT-4	495	DC WATER FIRE HYDRANT RELOCATION DETAIL
		PROPOSED CROSS SECTIONS
XS-1 to XS-81	496 to 576	PROPOSED CROSS SECTIONS

GN–2

DISTRICT OF COLUMBIA
SHARLON A. SIMONS
NO. PE014756
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pGN-N002_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

INDEX OF SHEET

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 2 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	3	576

STRUCTURE DESIGN CODES AND SPECIFICATIONS
1.DDOT DESIGN AND ENGINEERING MANUAL, JANUARY 2019.
2.AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION
3.AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AISC 15TH EDITION
4.AMERICAN CONCRETE INSTITUTION, ACI 318-14
5.AASHTO AWS D1.5M/D1.5 BRIDGE WELDING CODE

DESIGN LOADS & CRITERIA
ALL CONSTRUCTION MATERIALS AND PROCEDURES SHALL BE GOVERNED BY THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURES DATED 2013, ISSUED BY THE DISTRICT DEPARTMENT OF TRANSPORTATION.
DEAD LOADS:
CONCRETE: 150 PCF
STEEL: 490 PCF
SOIL: 120 PCF
WIND LOADS:
SERVICE I: 70 MPH
STRENGTH III: 115 MPH

FOUNDATION NOTES
1.ALL SECURITY WALLS BEAR ON A SPREAD FOOTING.
2.THE POST AND PANEL WALLS ARE SUPPORTED BY H-PILE POSTS SET IN PRE-DRILLED HOLES. SEE SPECIAL PROVISION J.12.28 SECTION C.2.f.
3.THE GEOTECHNICAL ENGINEER SHALL INSPECT, VERIFY, AND CERTIFY THAT ALL FOOTINGS/FOUNDATIONS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PROJECT PLANS.
4.FACTORED BEARING RESISTANCE SHALL EXCEED DESIGN FACTORED BEARING PRESSURE.

TEMPORARY SHORING OF EXCAVATION
SHORING SHALL BE REQUIRED FOR ANY EXCAVATION EXCEEDING 5 FEET IN DEPTH. TIMBER LAGGING SHALL BE PLACED FROM THE TOP-DOWN IN LIFTS OF 2 FEET OR LESS IMMEDIATELY AFTER EXCAVATION.

STRUCTURAL STEEL
1.SHEAR STUDS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A307.
2.H-PILES SHALL BE GALVANIZED AND CONFORM TO THE REQUIREMENTS OF ASTM A709, GRADE 50.
3.ANCHOR BOLTS SHALL BE GALVANIZED AND CONFORM TO THE REQUIREMENTS OF ASTM F1554.

WELDING
1.PERFORM NON-DESTRUCTIVE TESTING ON WELDS AS REQUIRED BY AASHTO/AWS D1.5.
2.FIELD WELDING TO ANY STRUCTURAL STEEL FOR THE PURPOSE OF ATTACHING ERECTION HARDWARE SHALL BE FORMALLY SUBMITTED TO THE ENGINEER FOR APPROVAL.
3.FIELD WELDING SHALL BE PER REQUIREMENTS OF AASHTO/AWS D1.5 FOR NON-ANCILLARY ITEMS.

CONCRETE
1.CONCRETE FOR THE PROJECT SHALL BE NORMAL WEIGHT CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
2.LOW PERMEABILITY CONCRETE SHALL BE USED ON THIS PROJECT.
3.ALL EXPOSED PORTIONS OF CONCRETE SHALL HAVE A 3/4 INCH X 3/4 INCH CHAMFER.

REINFORCING STEEL
1.REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF AASHTO M31, GRADE 60.
2.MINIMUM CONCRETE COVER FOR CAST-IN-PLACE CONCRETE SHALL BE 2" UNLESS OTHERWISE NOTED.

LAGGING
TIMBER LAGGING SHALL BE CONSTRUCTION GRADE ROUGH CUT AND 3-INCH THICK MINIMUM.

MASONRY
1.CEMENT GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
2.BRICK SHALL MATCH EXISTING BRICK AS INDICATED ON THE JBAB WALL DRAWINGS.
3.CONCRETE MASONRY UNITS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI AND MEET THE REQUIREMENTS OF ASTM C90.

BACKFILL SOIL
ENGINEERED BACKFILL SHALL HAVE A UNIT WEIGHT OF 120 PCF AND AN INTERNAL FRICTION ANGLE OF 33 DEGREES.

DC WATER DESIGN WAIVER SUMMARY

Waiver No.	Drawing	Station/ Offset	DC Water Facility	Rqd./Prov. Clearance	DDOT Facility	Mitigation
1	HD-19	138+60 LT to 141+15 LT	30" WM	4 ft/ 2 ft	Ex. and prop. reinforced concrete and brick ornamental wall is closer than 4 ft horizontal to ex. WM	Prop. wall shifted at least 2 ft horizontal from ex. WM. Ex. wall foundation will be left in place to minimize grading and disruption in vicinity of WM
2	LT-10	54+90 RT	18" SD	4 ft/ 2'-10"	Prop. lighting manhole M23	Existing 18" SD pipe will be exposed and protected with flowable fill
3	LT-19	137+90 RT	SD	4 ft/ 3'-6"	Prop. light pole foundation LT121	Install 10 ft deep modified foundation so that bottom of foundation is below invert of SD
4	LT-19	138+90 RT	SD	4 ft/ 3'-4"	Prop. light pole foundation LT122	Install 10 ft deep modified foundation so that bottom of foundation is below invert of SD
5	LT-23	162+65 RT	30" WM	4 ft/ 2'-9"	Prop. light pole foundation LT178	Install 10 ft deep modified foundation so that bottom of foundation is below invert of WM
6	LT-23	163+80 RT	30" WM	4 ft/ 2'-5"	Prop. light pole foundation LT179	Install 10 ft deep modified foundation so that bottom of foundation is below invert of WM
7	LT-24	165+05 RT	30" WM	4 ft/ 2'-10"	Prop. light pole foundation LT180	Install 10 ft deep modified foundation so that bottom of foundation is below invert of WM
8	LT-24	167+45 RT	30" WM	4 ft/2'-5"	Prop. light pole foundation LT181	Install 10 ft deep modified foundation so that bottom of foundation is below invert of WM
9	LT-27	185+85 LT	30" WM	4 ft/ 2'-6"	Prop. streetlight manhole M67	Existing 30" WM pipe will be exposed and protected with flowable fill
10	LT-29	193+70 RT	30" WM, SD, Storm	4 ft/ 1'-11"	Prop. light pole foundation LT202	Install 10 ft deep modified foundation so that bottom of foundation is below invert of WM and SD Pipes
11	LT-31	206+50 RT	30" WM	4 ft/ 2'-7"	Prop. light pole foundation LT220	Install 10 ft deep modified foundation so that bottom of foundation is below invert of WM
12	LT-31	207+10 RT	30" WM	4 ft/ 2'-11"	Prop. light pole foundation LT221	Install 10 ft deep modified foundation so that bottom of foundation is below invert of WM
14	SW-32	214+50 RT	30" WM	4 ft/ 1'-8"	Prop. storm drain, prop. impact attenuator	Install impact attenuator on minimum 8 ft wide concrete pad to span 30" WM and minimize impact forces to WM

GOVERNING SPECIFICATIONS:
ALL CONSTRUCTION MATERIALS AND PROCEDURES SHALL BE GOVERNED BY THE "STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES", DATED 2013 OR LATEST, ISSUED BY THE DEPARTMENT OF TRANSPORTATION, DISTRICT OF COLUMBIA.

SCOPE OF WORK:
THE CONTRACT INCLUDES: GRADING, DRAINAGE, PAVING, RETAINING WALL CONSTRUCTION, SIGNING, PAVEMENT MARKING, LANDSCAPING, LIGHTING AND TRAFFIC SIGNALS FOR THE CONSTRUCTION OF A SHARED USE PATH
THE CONTRACTOR SHALL COORDINATE HIS/HER WORK WITH THE CONTRACTING OFFICER (COR) AT ALL TIMES. NO COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR WORK PERFORMED WITHOUT AUTHORIZATION FROM THE COR.

TOPOGRAPHIC SURVEY:
THE TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS IS BASED ON THE ACTUAL FIELD SURVEY PERFORMED BY A. MORTON THOMAS & ASSOCIATES, INC. PROPERTY LINES AND RIGHT-OF-WAY LINES SHOWN HEREIN ARE BASED ON THE RECORD, AND DO NOT REPRESENT A BOUNDARY SURVEY. TRAVERSE CONTROL POINT COORDINATES, ELEVATIONS, AND REFERENCE TIE-IN INFORMATION ARE PROVIDED ON SHEETS GS-8 TO GS-11.

DIMENSIONS AND UNITS:
ALL VALUES SHOWN IN THESE PLANS ARE IN US CUSTOM UNITS UNLESS NOTED OTHERWISE. ALL STATIONING AND ELEVATIONS SHOWN ARE IN FEET UNLESS NOTED OTHERWISE. ALL PLAN DIMENSIONS ARE HORIZONTAL UNLESS OTHERWISE NOTED.

COORDINATES:
COORDINATES SHOWN ON THESE PLANS ARE BASED ON THE MARYLAND STATE PLANE COORDINATES SYSTEM, NAD 83. FOR TRAVERSE CONTROL POINT INFORMATION, REFER TO TRAVERSE CONTROL TABULATION ON SHEETS GS-8 TO GS-11.

ELEVATIONS:
ALL ELEVATIONS/CONTOURS SHOWN ARE REFERENCED TO DCDPW DATUM.

EXISTING CONDITIONS PLAN:
BASE MAPPING DEPICTED ON THE EXISTING CONDITION PLANS REPRESENTS FIELD CONDITIONS AT THE TIME THAT THE GROUND SURVEY WAS PERFORMED AND REFERENCED BASE MAPPING FROM THE ENGINEERING CONSULT ANTS AS INDICATED UNDER THE TOPOGRAPHIC MAPPING NOTES THIS SHEET. THE CONTRACTOR IS ALERTED TO THE FACT THAT CONSTRUCTION WORK HAS BEEN ON-GOING WITHIN THE PROJECT LIMITS AND THAT THE EXISTING CONDITION PLANS MAY NOT ACCURATELY REFLECT THE CURRENT EXISTING CONDITIONS.
IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING ANY CONSTRUCTION WORK AND TO MAKE NECESSARY ADJUSTMENTS IN HIS BID TO ACCOUNT FOR THESE POTENTIAL CHANGES WHICH MAY EFFECT PROJECT DESIGN, QUANTITIES, AND/OR CONSTRUCTION METHODS UTILIZED. NO ADDITIONAL COMPENSATION WILL BE MADE FOR THIS WORK.

VERIFICATION OF EXISTING DIMENSIONS AND ELEVATIONS:
PRIOR TO CONSTRUCTION AND PREPARATION OF SHOP DRAWINGS, THE CONTRACTOR SHALL CHECK THE DIMENSIONS IN EXISTING CONDITIONS. IF THESE DIMENSIONS DO NOT AGREE WITH THOSE SHOWN ON THE CONTRACT PLANS OR OTHER EXISTING CONDITION DRAWINGS, THE CONTRACTOR SHALL MAKE NECESSARY ADJUSTMENTS TO THE DIMENSIONS SHOWN ON THE CONTRACT PLAN TO ENSURE THAT THE NEW CONSTRUCTION WILL PROPERLY FIT THE EXISTING CONDITIONS.

MATERIALS AND WORKMANSHIP:
MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES AND THE SPECIAL PROVISIONS.

CONTRACTOR COORDINATION:
THE CONTRACTOR IS HEREBY INFORMED THAT OTHER CONTRACTORS MAY BE WORKING IN THE AREA. THE CONTRACTOR SHALL COORDINATE HIS MAINTENANCE OF TRAFFIC AND SIGNING AND OTHER ACTIVITIES WITH OTHER CONTRACTORS AND JBAB TO AVOID ANY CONFLICT.

EROSION AND SEDIMENT CONTROL:
UNLESS OTHERWISE NOTED, ALL VEGETATION AND EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE DD0T STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES, AND CURRENT DC STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL BY DC DEPARTMENT OF ENERGY AND ENVIRONMENT.

SITE GRADING:
ALL DISTURBED AREAS SHALL BE SITE GRADED TO ACHIEVE POSITIVE DRAINAGE USING BACKFILL MATERIAL AS REQUIRED IN THE SPECIFICATIONS AND SEEDED/SODDED ACCORDING TO THE SEEDING/SODDING REQUIREMENTS SET FORTH IN THE STANDARD SPECIFICATIONS. ANY WORK OUTSIDE THE LIMIT-OF-DISTURBANCE SHALL BE APPROVED BY DDOT AND DOOE PRIOR TO ANY CONSTRUCTION ACTIVITIES.

EXISTING TREES:
THERE ARE EXISTING MATURE TREES ALONG THESE ROADWAYS. UNLESS OTHERWISE NOTED, ALL EXISTING TREES SHALL BE PRESERVED. THE CONTRACTOR SHALL BE EXTREMELY CAREFUL WHILE WORKING AROUND THESE MATURE TREES. CONTRACTOR SHALL CONTACT THE DISTRICT DEPARTMENT OF TRANSPORTATION, URBAN FORESTRY DIVISION AT (202) 671-5133 FOR ALL ISSUES CONCERNING TREES.

CURB AND GUTTER:
WHERE PROPOSED CURB & GUTTER MEET EXISTING, A 5' VERTICAL TRANSITION LENGTH SHALL BE PROVIDED. MINIMUM TRANSITION LENGTH OF 5' SHALL BE PROVIDED FROM END OF SPILL GUTTER TO STANDARD GUTTER.

SIDEWALKS & RAMPS:
ALL SIDEWALKS & RAMPS WITHIN THE PROJECT LIMITS SHALL BE CONSTRUCTED USING THE LAYOUT AND CONTROL SHOWN ON THE INTERSECTION DETAIL PLANS AND SHALL BE ADA COMPLIANT. THE CONTRACTOR SHALL OBTAIN A FIELD LAYOUT APPROVAL FROM THE ENGINEER PRIOR TO CONSTRUCTION.

UTILITIES:
THE FOLLOWING UTILITIES AND AGENCIES ARE KNOWN TO HAVE FACILITIES IN THE CONTRACT AREA:

- DC WATER AND SEWER AUTHORITY (DC WATER)
- DDOT/TRAFFIC SERVICES ADMINISTRATION FOR STREETLIGHT AND TRAFFIC SIGNAL
- WASHINGTON GAS COMPANY
- POTOMAC ELECTRIC AND POWER COMPANY (PEPCO)
- VERIZON COMMUNICATIONS
- COMCAST
- LEVEL 3 COMMUNICATION
- ZAYO
- NATIONAL PARK SERVICE (NPS)
- CSX

THE EXISTENCE OF OTHER UTILITIES IS UNKNOWN. ALL EXISTING UTILITIES SHALL BE MAINTAINED AND TEMPORARILY SUPPORTED, AS REQUIRED DURING CONSTRUCTION. FOR FULL INFORMATION REGARDING UTILITIES PROTECTION, SEE DDOT STANDARD SPECIFICATIONS.

NOTIFY MISS UTILITY AT 1-800-257-7777 FORTY-EIGHT HOURS PRIOR TO CONSTRUCTION.

SEWER BENCHMARK TO BE USED FOR SEWER CONSTRUCTION:
THE LOCATIONS OF THE UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD SURVEY DATA AND/OR RECORD DRAWINGS OF THE ORIGINAL LOCATIONS. THE INFORMATION SHOWN IS NOT NECESSARILY COMPLETE AND THE LOCATION OF THE UTILITIES SHOWN IS APPROXIMATE. VERIFY THE EXISTENCE OF ALL THE UTILITIES WELL IN ADVANCE OF CONDUCTING CONSTRUCTION OPERATIONS WHICH COULD DAMAGE THESE FACILITIES. IN THE AREA WHERE PROPOSED CONSTRUCTION MAY CONFLICT WITH EXISTING UTILITIES, TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES.
IF AN UNDERGROUND UTILITY IS DAMAGED, NOTIFY THE ENGINEER AND THE OWNER OF SAID UTILITY. ANY DAMAGE SUSTAINED TO THE UTILITIES ABOVE OR BELOW GROUND SHALL BE REPAIRED BY OR UNDER THE DIRECTION OF THE UTILITY OWNER. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR BACKFILL AN EXCAVATION AFFECTING SAID UTILITY WITHOUT FIRST RECEIVING PERMISSION FROM THE UTILITY OWNERS.

WATER AND SEWER:
IF CONNECTIONS FROM BASINS TO BE REPLACED ARE FOUND DURING CONSTRUCTION TO BE SMALLER THAN 15-INCH DIAMETER, REPLACE BASIN CONNECTION WITH 15-INCH DIAMETER R.C.P.S. CLASS III WITH RUBBER GASKET.
ADJUST/RESET ALL UTILITY STRUCTURES FRAMES REQUIRED TO MEET NEW ROADWAY GRADE. REBUILD ALL UTILITY STRUCTURES TO MEET NEW ROADWAY GRADE.
HORIZONTAL STATIONS AND OFFSETS FOR CATCH BASINS ARE TO THE CURBLINE AND T/G ELEVATION REPRESENTS THE TOP OF CURB/GRATE LEVEL.
HORIZONTAL STATIONS AND OFFSETS FOR MANHOLES ARE TO THE CENTER OF STRUCTURE AND T/G ELEVATION REPRESENTS THE TOP OF COVER LEVEL.
INSTALL BULKHEADS AT ALL OPEN ENDS OF SEWER AND WATER MAINS TO BE ABANDONED. CAPS MAY BE UTILIZED ON 15" AND SMALLER DIAMETER WATER LINES.
REMOVE FRAME AND COVERS OF SEWER STRUCTURE AND WATER MAIN VALVES CASING TO BE ABANDONED AND FILL TO GRADE.
ALL 12" AND SMALLER DIAMETER WATER MAIN FITTINGS, INCLUDING VALVES AND FIRE HYDRANTS, SHALL BE INSTALLED USING DUCTILE IRON RETAINER GLANDS AS FOLLOWER RINGS INSTEAD OF STANDARD FOLLOWER RINGS FOR RESTRAINT.
ALL EXISTING DC WATER ITEMS SUCH AS CATCH BASIN TOPS, MANHOLE FRAMES AND COVERS AND WATERLINE RELATED ASSEMBLIES THAT ARE NOT REUSED, SHALL BE SALVAGED AND RETURNED TO DC WATER YARD.

STREET LIGHTING:
ALL ELECTRICAL WORK SHALL CONFORM TO NATIONAL ELECTRICAL CODE (NECJ, DC ELECTRICAL CODE, DDOT 2013 STANDARD SPECIFICATIONS, SUPPLEMENT AL SPECIFICATION, STANDARD DRAWINGS, CONTRACT SPECIAL PROVISIONS AND THE DISTRICT OF COLUMBIA STREETLIGHT POLICY AND DESIGN GUIDELINES (FEBRUARY 2013).

MAINTENANCE OF TRAFFIC:
IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE TEMPORARY TRAFFIC CONTROL FOR THE DURATION OF THE CONTRACT. VEHICULAR AND PEDESTRIAN TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE DDOT TEMPORARY TRAFFIC CONTROL MANUAL, 2006 EDITION AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2009 EDITION, REVISED MAY, 2012. SEE ADDITIONAL REQUIREMENTS AND GENERAL NOTES ON SHEET MT-0.
TEMPORARY ROADWAY/DRIVEWAY CONSTRUCTED DURING MAINTENANCE OF TRAFFIC PHASE SHALL BE REMOVED PRIOR TO COMMENCING FINAL ROADWAY CONSTRUCTION AND RESTORED TO PROPOSED CONDITION OR ORIGINAL CONDITION.

GN–3

DISTRICT OF COLUMBIA · EMPLOYEE · SHOWN HERE · NO. PE904706 · 3-31-2026 · REGISTERED · PROFESSIONAL ENGINEER

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

GENERAL NOTES

DATE
FILE
SHEET 3 OF 576

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

pGN-N003_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	4	576

SYMBOLS

- EXISTING WATER MANHOLE
- EXISTING STORM WATER MANHOLE
- EXISTING SEWER MANHOLE
- EXISTING WATER METER
- EXISTING STORM DRAIN PIPE
- EXISTING BOLLARD
- EXISTING TREE
- EXISTING CHAIN LINK FENCE
- EXISTING FIRE HYDRANT
- EXISTING STORM WATER OR SANITARY LINE
- PROPOSED STORM WATER PIPE
- UNDERGROUND – (ELECTRIC, GAS OR TELEPHONE)
- EXISTING UTILITY POLE, METAL
- EXISTING UTILITY POLE, WOOD
- PROPOSED UTILITY POLE
- EXISTING UTILITY POLE, METAL, W/STR. LIGHT
- EXISTING UTILITY POLE, WOOD, W/STR. LIGHT
- PROPOSED TRAFFIC SIGNAL POLE
- EXISTING TRAFFIC SIGNAL POLE
- CULVERT
- RAILROAD
- STREET CAR TRACKS
- CENTERLINE
- BASE LINE
- NORTH ARROW
- PROPOSED FEATURES
- STATE LINE, EDGE OF STREAM
- RIGHT OF WAY LINE
- BUILDING RESTRICTION LINE
- LOT LINE
- MULTIPURPOSE TRAIL
- REMOVAL OF EXISTING PAVEMENT
- DIRECTION OF TRAFFIC
- LIMIT OF PAVEMENT MILLING AND OVERLAY
- LIMIT OF FULL DEPTH PAVEMENT
- BIORETENTION OPPORTUNITY AREA
- FLEXIBLE POROUS PAVING
- PROPOSED INDEX CONTOUR
- PROPOSED CONTOUR
- PROPOSED NO.16 UPRIGHT LIGHTPOLE WITH LED LUMINAIRE
- PROPOSED WALL-PACK LED LUMINAIRE
- EXISTING PENDANT POLE WITH TEARDROP LUMINAIRE
- PROPOSED PENDANT POLE WITH LED TEARDROP LUMINAIRE
- EXISTING 20-FOOT TRAFFIC SIGNAL POLE
- EXISTING MONOLEVER TRAFFIC SIGNAL POLE
- PROPOSED 20-FOOT TRAFFIC SIGNAL POLE
- PROPOSED MONOLEVER TRAFFIC SIGNAL POLE

- EXISTING LIGHT
- EXISTING GRATE INLET
- EXISTING TELEPHONE MANHOLE
- EXISTING ELECTRIC MANHOLE
- EXISTING GAS MANHOLE
- EXISTING GAS BOX
- EXISTING WHEELCHAIR /BICYCLE RAMP
- EXISTING UTILITY POLE
- PROPOSED WHEELCHAIR /BICYCLE RAMP
- MAINTENANCE MANHOLE
- PROPOSED WALK (indicate width & type)
- HEDGE
- ELECTRIC VAULT
- EXISTING STORM INLET TO REMAIN
- PROPOSED DOUBLE WATER QUALITY CONTROL CATCH BASIN
- PROPOSED GRATE TYPE CATCH BASIN WITH WATER QUALITY CHAMBER
- PROPOSED CURB OPENING STORM INLET
- PROPOSED SPECIAL BRIDGE SCUPPER
- PROPOSED COMBINATION CURB & GUTTER STORM INLET
- PROPOSED GUTTER STORM INLET
- BENCH MARK
- TRIANGULATION OR COORIDINATE STATION
- LOCATION OF TEST BORING
- EXISTING TO BE REMOVED
- EXISTING TRAFFIC SIGNAL CONTROLLER CABINET
- PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET
- SILT FENCE
- SILT FENCE ON PAVEMENT
- CURB INLET PROTECTION
- PROPOSED BOARDWALK
- PROPOSED MILL AND OVERLAY
- EXISTING TREE TO BE REMOVED
- PLANT REFERENCE
- EXISTING MANHOLE
- EXISTING SIGN
- EXISTING TRAFFIC BOX
- EXISTING TELEPHONE MANHOLE
- EXISTING ELECTRIC POLE
- EXISTING GUY POLE
- EXISTING GUARD RAIL
- EXISTING STUMP
- EXISTING BRICK WALL
- EXISTING FIBER OPTIC CABLE
- EXISTING UTILITY BOX

ABBREVIATIONS

ABUT.	ABUTMENT
AC/A.C.	ASPHALTIC CONCRETE
ALT.	ALTERNATE
ANG.	ANGLE
APPROX.	APPROXIMATE, APPROXIMATELY
@	AT
℄	BASELINE
B.C.	BOLT CIRCLE
BIT.	BITUMINOUS
BOT.	BOTTOM
BRG./BRGS.	BEARING /BEARINGS
C.B.	CATCH BASIN
C/C	CENTER TO CENTER
C.J./CONST. JT.	CONSTRUCTION JOINT
C.O.	CLEAN OUT
CL./CLR.	CLEARANCE, CLEAR COVER
℄	CENTERLINE
COL.	COLUMN
COMP.	COMPRESSION
CONC.	CONCRETE
CONSTR/CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR.	CONTROL, CONTRACTION
COG	CORNER OF GRATE INLET
CLV	CULVERT
CI	CURB INLET
C.S.	CURVE TO SPIRAL
D	DEGREE OF CURVATURE
D.C.	DISTRICT OF COLUMBIA
DET.	DETAIL
DIA./ ø	DIAMETER
DIAPH.	DIAPHRAGM
DIM.	DIMENSION
DIR.	DIRECTION
DWLS.	DOWELS
DI	DRAIN INLET
E	EXTERNAL
E.F.	EACH FACE
EA.	EACH
E.J./EXP. JT.	EXPANSION JOINT
EL./ELEV.	ELEVATION
ELAST.	ELASTOMERIC
EQ.	EQUAL
EX./EXIST.	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR
ELECT.	ELECTRICAL
E/P	EDGE OF PAVEMENT
EX. ROW	EXISTING RIGHT OF WAY
F.F.	FRONT FACE
FIN.	FINISH
FIX.	FIXED
F.H.	FIRE HYDRANT
FL.	FLOOR
GALV.	GALVANIZED
GA.	GAUSE
H.S.	HIGH STRENGTH
HT.	HEIGHT
HORIZ.	HORIZONTAL
INT.	INTERIOR
INV.	INVERT
INTERM.	INTERMEDIATE
L	LENGTH OF CURVE, LENGTH
LP	LIGHT POLE
LIGHT.	LIGHTING
LT./LT	LEFT
LONG.	LONGITUDINAL
L.V.C.	LENGTH OF VERTICAL CURVE
MAT'L.	MATERIAL
MED.	MEDIAN
MIN.	MINIMUM
MAX.	MAXIMUM
MH./M.H.	MANHOLE
MPH	MILE PER HOUR

NA	NOT APPLICABLE
N.B.L.	NORTH BOUND LANES
N.E.	NORTHEAST
NIC	NOT IN CONTRACT
NO./#	NUMBER
N.T.S.	NOT TO SCALE, NO SCALE
N.W.	NORTHWEST
O.C.	ON CENTER
PLNTR	PLANTER
ℙ	PLATE
PCC /P.C.C.	PORTLAND CEMENT CONCRETE
P.C.C.	POINT OF COMPOUND CURVATURE
P.C.	POINT OF CURVE
PGL	PROPOSED GRADE LINE
P.I.	POINT OF INTERSECTION PROPOSED GRADE LINE
P.O.C.	POINT ON CURVE
P.O.T.	POINT ON TANGENT
P.T.	POINT OF TANGENCY
P.R.C.	POINT OF REVERSE CURVATURE
PVC	POLYVINYL CHLORIDE
P.V.C.	POINT OF VERTICAL CURVATURE
P.V.T.	POINT OF VERTICAL TANGENCY
P.V.I.	POINT OF VERTICAL INTERSECTION
PROP.	PROPOSED
RAD./R	RADIUS
REQD./REQ'D.	REQUIRED
REF.	REFERENCE
REINF.	REINFORCEMENT
RWALL	RETAINING WALL
RT/RT.	RIGHT
R/W	RIGHT OF WAY
RDWY./RDWY	ROADWAY
SHLD	SHOULDER
SAN.	SANITARY
S.B.L.	SOUTH BOUND LANES
S.C.	SPIRAL TO CURVE
S.D.	STORM DRAIN
SECT.	SECTION
S.E.	SOUTHEAST
SEW.	SEWER
SHT/SHTS.	SHEET/SHEETS
SIM.	SIMILAR
SDWK	SIDEWALK
SPA.	SPACES, SPACING
SQ.	SQUARE/SQUARES
SS.	STAINLESS STEEL
S.T.	SPIRAL TO TANGENT
STA.	STATION
STD.	STANDARD
STM.	STORM
STRUCT.	STRUCTURAL
℄	SURVEY LINE
S.W.	SOUTHWEST
SYMM.	SYMMETRICAL
T	TANGENT
TEMP.	TEMPORARY
THRU	THROUGH
T.S.	TANGENT TO SPIRAL
TW	TOP OF WALL
TYP./TYP	TYPICAL
UNK	UNKNOWN
U.N.O.	UNLESS NOTED OTHERWISE
UTIL	UTILITY
VERT.	VERTICAL
W/	WITH
W/O	WITHOUT
W.W.F./WWF	WELDED WIRE FABRIC

GN-4

DISTRICT OF COLUMBIA — MARLON D. SMOKE — NO. PE004706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STANDARD SYMBOLS AND ABBREVIATIONS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

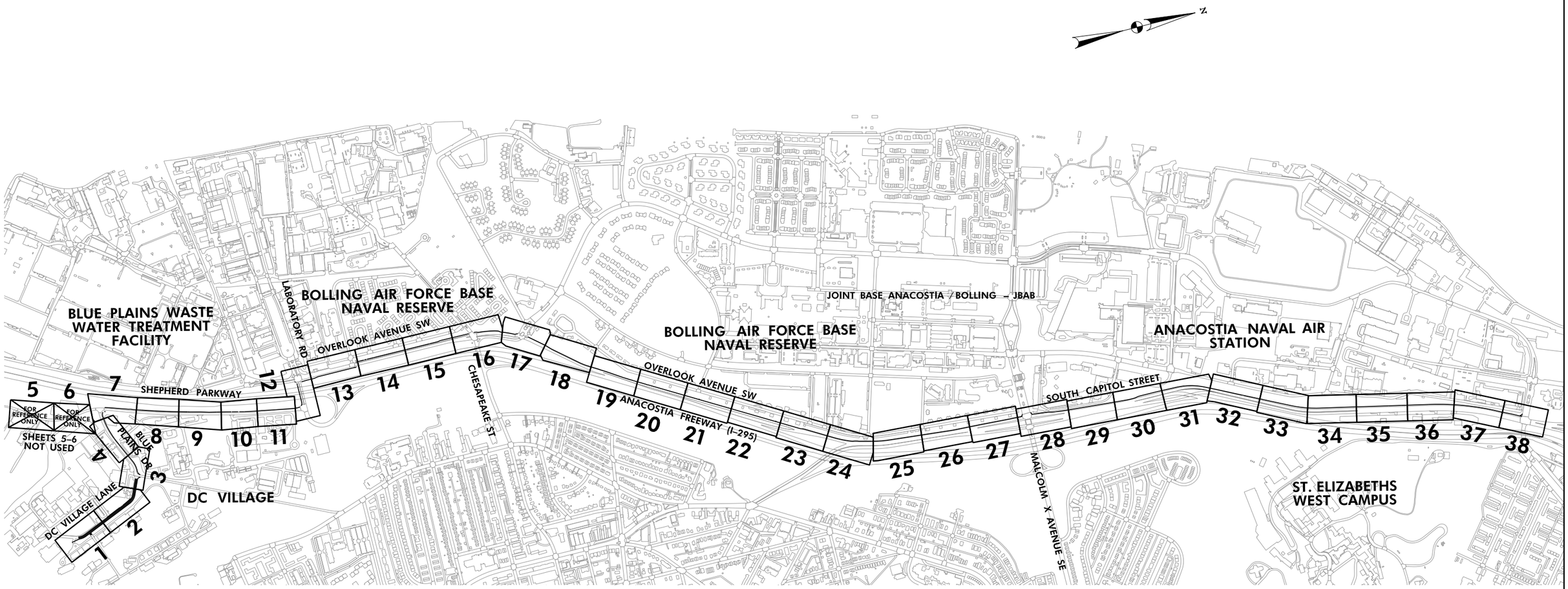
DATE

FILE

SHEET 4 OF 576

pGN-N004_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	5	576



GN–5

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SHEET INDEX – LAYOUT

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 5 OF 576

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
SHARLON D. SHORES
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pGN-N005_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	6	576

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	GENERAL REQUIREMENTS		
000003	Employee Training	HR	1,000
108002	Mobilization	LS	1
108004	Progress Photographs	LS	1
108006	Record Drawings and As-Built Drawings	LS	1
108012	Engineer's Field Facilities	LS	1
108016	Field Layout	LS	1
	EARTHWORK AND PAVEMENT		
201002	Clear and Grub	LS	1
202002	Common Excavation	CY	607
202004	Hard Surface Pavement Excavation	CY	2,395
204004	Borrow Embankment Fill	CY	6,931
209002	Aggregate Base Course	CY	1,461
209004	Aggregate Base Course for LID #57 Stone	CY	3,491
212002	Test Pit	EACH	25
402008	HMA Surface Course, 9.5 mm - (2 inch)	TON	35
403002	Tack Coat	SY	3,201
409002	Asphalt Bike Path	TON	920
410002	Pavement Profiling (Milling)	SY	3,201
415004	Porous asphalt pavement surface course	TON	1,980
501018	Reinforced PCC Pavement, 10 inch	SY	211
502018	PCC Base, 8 inch	SY	82
	DRAINAGE AND LID		
310006	F&I Standard Double Basin	EACH	11
310004	F&I Standard Triple Basin	EACH	1
310007SP	Basin connect PCC pipe, Class III, 10 inch	LF	24
310008	Basin Connect PCC Pipe, Class III, 15 Inch	LF	165
310010	Basin Connect PCC Pipe, Class III, 18 Inch	LF	23
310018	Double Type S Basin	EACH	3
310022	LID Underdrain connection to catch basin	EACH	15
310028	Domed overflow grate and riser	EACH	2
311002	Adjust Sewer-Water-Utility Manhole Frame	EACH	12
311012	4" Precast Catch Basin Elongation Top	EACH	1
313002	Abandon Basin Connecting Pipe	EACH	4
313006	Abandon Basin	EACH	17
314101SP	Flared end section 15 inch	EA	1
314103SP	Flared end section 18 inch	EA	1
314105SP	Headwall 10 inch	EA	1
327018	Solid Trench Drain Cover, 31-36 Inches	LF	111
507991	Minor Structures Special Item - PCC for Drainage	CY	1
601004	Underdrain Pipe, 6 Inch	LF	8,766
601010	Underdrain Connect Pipe, 6 Inch	LF	281
601016	Underdrain cleanout cover paved area	EACH	206
607032	Mulch	SY	269
618016	Geotextile for stormwater management	SY	6,948
	EROSION & SEDIMENT CONTROL		
618002	Erosion and Sediment Control	LS	1
	UTILITY		
307004	Relocate Fire Hydrant	EACH	3
	LANDSCAPE		
607002	Seed	SY	22,100
607014	Erosion Control Matting	SY	950
608004	Remove Tree and Stump 6 to 12 Inch Dia.	EACH	44
608006	Remove Tree and Stump 12 to 18 Inch Dia.	EACH	114
608008	Remove Tree and Stump 18 to 24 Inch Dia.	EACH	53
608010	Remove Tree and Stump 24 to 30 Inch Dia.	EACH	11
608012	Remove Tree and Stump 30 to 36 Inch Dia.	EACH	1
608124	Perennial, 1 gallon	EACH	276
608138	Deciduous Shrub, 5 gallon	EACH	264
608146	Evergreen Tree 4 -5 Ft. Ht., B&B	EACH	12
608148	Evergreen Tree 5 - 6 Ft. Ht., B&B	EACH	11
608158	Deciduous Tree 2-3" Cal, B &B	EACH	97
608160	Deciduous Tree 3-4" Cal, B &B	EACH	93

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	INCIDENTALS		
600017	Incidental Constr. Special Item - Precast Conc. Cycle Track Barrier Curb	LF	1,825
600017	Incidental Constr. Special Item - Streetcar Flangeway Filler	LF	400
603044	Remove W Beam/Thrie Beam Guiderail	LF	1,116
604004	Chain Link Fence, 6 ft Height	LF	1,858
604038	Remove Existing Chain Link Fence	LF	2,132
605006	PCC Sidewalk, 4 inch	SY	640
606004	PCC Curb and/or Gutter	LF	5,048
606020	PCC Circular Curb and Gutter	LF	1,651
606098	PCC Wheelchair/Bicycle Ramp - New Construction	EACH	27
606100	PCC Wheelchair/Bicycle Ramp - Existing Construction	EACH	11
610006	PCC Half-Section Curb Barrier	LF	571
617012	4-Bay Quad Guard Impact Attenuator (24 Inch Wide)	EACH	1
600017	Incidental Constr. Special Item - JBAB Security Fence	LF	250
600017	Incidental Constr. Special Item - JBAB Interim Security Fence	LF	2,000
600011	Incidental Constr. Special Item - JBAB Interim Security Gate	EA	9
600011	Incidental Constr. Special Item - JBAB Temporary Guard House Setup	EA	3
600011	Incidental Constr. Special Item - EdgeCam Portable Security Camera System	EA	5
600021	Incidental Constr. Special Item - Remove and Reinstall JBAB Security Equipment	LS	1
600021	Incidental Constr. Special Item - JBAB Security Allowance	LS	1
	MAINTENANCE OF TRAFFIC		
604004	Temporary Fence	LF	1,500
610012	Portable Precast PCC Barrier	LF	1,500
612008	Removal of Lane Markings	SF	360
612010	Temp Constr Sign Supports	EA	166
612014	Constr Warning Signs	SF	2,260
612016	Reflectorized Traffic Cones	EA	60
612020	Steady Burning Amber Lights Type C	EA	270
612018	Flashing Amber Lights Type B	EA	2
612022	Arrow Board	EA	7
612028	Type III PVC Barricade	EA	2
612034	Traffic Drums	EA	1,080
612055	4" Removable Preformed Line Striping	LF	1,080
612092	Truck Mounted Attenuator	EA	1
612100	Portable Changeable Message Sign	EA	2
612104	Steel Protection Plate	EA	20
612006	Construction Lane Closing (Traffic Personnel & Flagger Service)	LS	1
	SIGNING AND PAVEMENT MARKINGS		
612008	Remove Lane Markings	SF	1,047
612054	Thermoplastic Pavement Marking, 4 Inch	LF	7,017
612056	Thermoplastic Pavement Marking, 4 Inch Dash	LF	16,563
612058	Thermoplastic Pavement Marking, 6 Inch	LF	4,330
612064	Thermoplastic Pavement Marking, 12 Inch	LF	2,293
612066	Thermoplastic Pavement Marking, 24 Inch	LF	2,504
612068	Thermoplastic Pavement Letter	EACH	132
612070	Thermoplastic Pavement Arrow	EACH	20
612076	Thermoplastic Pavement Bicycle Marking, 8 Foot	EACH	2
616016	Metal Sign Posts, 3.00 Pounds per Foot	LF	678
616022	Traffic Sign Panels	SF	240
616036	Remove Existing Ground Mounted Sign	SF	120
612997	Traffic Control Special Item - Rumble Strips	LF	450

DISTRICT OF COLUMBIA
DARLON G. SIMONS
NO. PE901760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pGN-N006_SCSTr-gli.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

GN-6

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SUMMARY OF PAY ITEMS
AND QUANTITIES

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 6 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	7	576

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	TRAFFIC SIGNALS		
613006	Remove Abandoned Traffic Signal/Street Light Pole Foundation	EACH	21
613008	F&I PCC Foundation For Traffic Sig /Pendant Post St Lt Pole	EACH	19
613012	F&I Foundation Traffic Signal Pole w/Monotube Mast Arm>20 Ft	EACH	3
613016	Furnish&Install One 2 In PVC Encased Electrical Conduit	LF	120
613024	F&I No. 10 Awg Stranded Wire	LF	1,290
613026	F&I No. 8 Awg Stranded Wire	LF	1,565
613028	F&I No. 6 Awg Stranded Wire	LF	2,620
613030	F&I Galvanized Steel Transformer Base	EACH	19
613032	Furnish&Install 28.5 Ft Tall Pendant Post St. Light Pole	EACH	10
613036	Furnish&Install One 2 In&Two 4 In PVC Encased Elec Conduits	LF	100
613038	Furnish&Install One 2 In&One 4 In PVC Encased Elec Conduits	LF	505
613040	Furnish&Install Four 4 In PVC Encased Electrical Conduits	LF	830
613050	F&I Pcc Foundation For Controller Cabinet	EACH	3
613052	Fur Temp Port Concrete Base M.336-S&M.336-Ss Traf Sig Cab	EACH	1
613054	Fur Temp Port Conc Base 20 Ft Steel Traf Pole on Trans Base	EACH	19
613056	Relocate Any Temporary, Portable, Concrete Base	EACH	40
613058	F&I 20 Foot Tall Steel Traffic Signal Pole	EACH	9
613068	F&I Round Steel Monotube Traf Sig Pole 35 Ft Monotube Arm	EACH	1
613070	F&I Round Steel Monotube Traf Sig Pole 40 Ft Monotube Arm	EACH	1
613074	F&I Round Steel Monotube Traf Sig Pole 50 Ft Monotube Arm	EACH	1
613078	Furnish&Install 8 Ft Mast Arm w/Clamp & Removable End Clamp	EACH	4
613096	Furnish&Install Closed Circuit Television Camera System	EACH	2
613098	F&I 7 Conductor 14 Awg Stranded Electrical Traffic Sig Cable	LF	8,000
613100	F&I 4 Conduct 18 Awg Shielded Stranded Elec. Traf Sig Cable	LF	2,350
613118	F&I Outside Plant Fiber Optic Cable (12-Strand SMF)	LF	7,000
613122	F&I Fiber Optic Pigtail	LF	6
613124	F&I Fiber Optic Closure	EACH	6
613132	F&I Fiber Optic Patch Cord	EACH	12
613138	F&I Fiber Optic External Transceiver (Mode)	EACH	12
614993	Electrical Work Special Item -EACH-Layer 2 Switch - Actelis Model 684D	EACH	6
613150	Furnish Red Ball Led Module (12 inch)	EACH	32
613156	Furnish Yellow Ball Led Module (12 inch)	EACH	30
613162	Furnish Green Ball Led Module (12 inch)	EACH	25
613164	Furnish Red Arrow Led Module	EACH	7
613166	Furnish Yellow Arrow Led Module	EACH	12
613168	Furnish Green Arrow Led Module	EACH	19
613192	12 In Overlay White Wlkng Person & Portlnd Orange Led Mod	EACH	16
613194	Furnish 12 Inch Portland Orange Countdown Led Module	EACH	16
613230	Remove Existing Signal Head	EACH	29
613232	Relocate Any Vehicular/Pedest Sig From One Pole to Another	EACH	22
613234	Maintain Existing Traffic Signals During Construction	EACH	4
613240	F&I Accessible Pedestrian Signal Control Unit	EACH	16
613242	F&I Back Plate On Pole Mounted 3 Sec Vehicle Sig Head (12")	EACH	34
613244	F&I Back Plate On Pole Mounted 4 Sec Vehicle Sig Head (12")	EACH	2
613246	F&I Back Plate On Pole Mounted 5 Sec Vehicle Sig Head (12")	EACH	3
613250	Furnish & Install Video Traffic Flow Detection System	EACH	7
613322	F&I Traffic Signal Controller And Cabinet	EACH	3
613334	Remove Abandoned Traff Signal Controller Cabinet Foundation	EACH	2
613336	Remove Street Light Pole And Street Light Equipment	EACH	3
613338	Remove Traffic Signal Pole And Traffic Signal Equipment	EACH	17
613340	Remove Traffic Signal Controller And Cabinet	EACH	2
613348	Rel ExistTrafSig Controller Cab Onto Temp Prtble Concrete Bs	EACH	1
613398	PEPCO Service Connect, Disconnect, & PEPCO Manhole EntryFees	LS	4
613414	Traffic Signal Cable Removal	LF	115

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	STREETLIGHTS		
614078	F&I 36" x 36" x 36" Manhole	EACH	11
614082	Remove Manhole over 24" x 24"	EACH	14
614084	F&I 48" x 48" x 48" Manhole	EACH	92
614112	Clean Electrical Manhole	EACH	36
614222	Rod and Clean District-Owned Conduit	LF	2400
614122	F&I 1-2" Schedule 40 Rigid PVC Conduit	LF	13030
614210	F&I 2-4" Schedule 40 Rigid PVC Conduit (duct bank)	LF	14860
614230	F&I #10 Stranded Wire	LF	28610
614290	F&I #0000 Stranded Wire	LF	39360
614332	F&I #8 Stranded Ground Wire	LF	14305
614350	F&I #2 Stranded Ground Wire	LF	13120
614424	F&I 15" B.C. Street Light Foundation	EACH	311
614430	Remove Street Light Pole Foundation	EACH	33
614436	F&I 15" B.C. Breakaway Transformer Base	EACH	244
614520	F&I 716 Pole	EACH	206
614544	F&I 28.5' Steel Pendant Pole with up to 8' Arm	EACH	22
614550	F&I 28'-6" Steel Pendant Pole with Truss Arm	EACH	16
614568	Remove Pendant Pole 30 ft. Height or Less	EACH	29
614993	Elec. Work Special Item-65W Trail Fixture Complete w/ Photocell	EACH	233
614994	Elec. Work Special Item-155W Cobrahead LED Fixture Complete w/ Photocell	EACH	16
614995	Elec. Work Special Item-155W Teardrop LED Fixture Complete w/ Photocell	EACH	22
614999	Payment to PEPCO for Connection, Disconnection, Inspection	LS	1
	RETAINING WALLS		
205002	Structure Excavation	CY	3,500
206004	Borrow Structure Backfill	CY	2,500
701091	Structures Construction Special Item - JBAB Wall Demolition	LS	1
701091	Structures Construction Special Item - JBAB Wall on Spread Footing (Wall 2)	LS	1
701092	Structures Construction Special Item - JBAB Wall on Spread Footing (Wall 4)	LS	1
701091	Structures Construction Special Item - JBAB Wall on CIP Retaining Wall (Wall 3)	LS	1
701091	Structures Construction Special Item - Wall 1A	LS	1
701091	Structures Construction Special Item - Wall 1B	LS	1
701091	Structures Construction Special Item -Wall 5	LS	1
701091	Structures Construction Special Item -Wall 5 Stone Facing	LS	1

DISTRICT OF COLUMBIA
MARLON D. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pGN-N007_SCSTr-all.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

GN–7

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SUMMARY OF PAY ITEMS
AND QUANTITIES

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

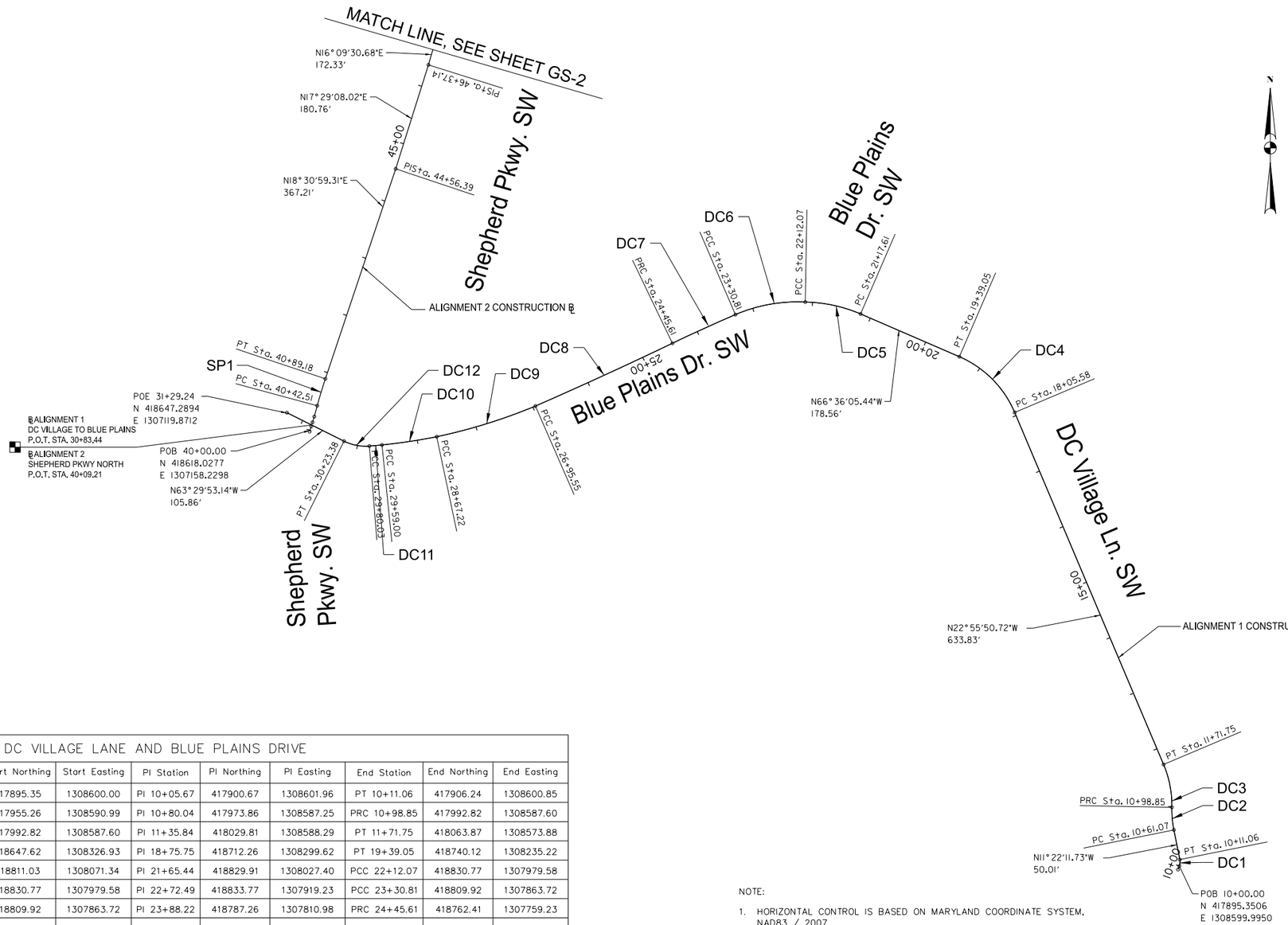
DIVISION CHIEF

DATE

FILE

SHEET 7 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	8	576



CURVE DATA – ALIGNMENT 1 – DC VILLAGE LANE AND BLUE PLAINS DRIVE															
Curve #	Delta	Line/Chord Direction	Radius	Tangent	Length	External	Start Station	Start Northing	Start Easting	PI Station	PI Northing	PI Easting	End Station	End Northing	End Easting
DC1	31°40'50"	N 4°28'13.38" E	20.00'	5.67'	11.06'	0.79'	PC 10+00.00	417895.35	1308600.00	PI 10+05.67	417900.67	1308601.96	PT 10+11.06	417906.24	1308600.85
DC2	12°26'32"	N 5°08'55.65" W	174.00'	18.97'	37.79'	1.03'	PCC 10+61.07	417955.26	1308590.99	PI 10+80.04	417973.86	1308587.25	PRC 10+98.85	417992.82	1308587.60
DC3	24°00'11"	N 10°55'45.14" W	174.00'	36.99'	72.89'	3.89'	PRC 10+98.85	417992.82	1308587.60	PI 11+35.84	418029.81	1308588.29	PT 11+71.75	418063.87	1308573.88
DC4	43°41'52"	N 44°45'09.46" W	175.00'	70.17'	133.47'	13.54'	PC 18+05.58	418647.62	1308326.93	PI 18+75.75	418712.26	1308299.62	PT 19+39.05	418740.12	1308235.22
DC5	22°13'29"	N 77°51'41.68" W	243.50'	47.83'	94.45'	4.65'	PC 21+17.61	418811.03	1308071.34	PI 21+65.44	418829.91	1308027.40	PCC 22+12.07	418830.77	1307979.58
DC6	26°06'01"	S 79°47'49.83" W	260.67'	60.42'	118.75'	6.91'	PCC 22+12.07	418830.77	1307979.58	PI 22+72.49	418833.77	1307919.23	PCC 23+30.81	418809.92	1307863.72
DC7	2°23'36"	S 65°33'01.17" W	2748.10'	57.41'	114.79'	0.60'	PCC 23+30.81	418809.92	1307863.72	PI 23+88.22	418787.26	1307810.98	PRC 24+45.61	418762.41	1307759.23
DC8	2°02'33"	S 65°22'29.75" W	7011.21'	124.99'	249.95'	1.11'	PRC 24+45.61	418762.41	1307759.23	PI 25+70.59	418708.31	1307646.56	PCC 26+95.55	418658.27	1307532.03
DC9	10°35'55"	S 72°44'14.25" W	928.04'	86.08'	171.67'	3.98'	PCC 26+95.55	418658.27	1307532.03	PI 27+81.63	418625.24	1307452.53	PCC 28+67.22	418607.40	1307368.32
DC10	5°27'39"	S 81°28'22.11" W	962.96'	45.92'	91.78'	1.09'	PCC 28+67.22	418607.40	1307368.32	PI 29+13.15	418598.43	1307323.28	PCC 29+59.00	418593.79	1307277.59
DC11	1°15'05"	S 84°49'44.10" W	962.96'	10.52'	21.03'	0.06'	PCC 29+59.00	418593.79	1307277.59	PI 29+69.52	418592.73	1307267.13	PCC 29+80.03	418591.90	1307256.65
DC12	31°02'50"	N 79°01'18.30" W	80.00'	22.22'	43.35'	3.03'	PCC 29+80.03	418591.90	1307256.65	PI 30+02.26	418590.14	1307234.49	PT 30+23.38	418600.05	1307214.61
CURVE DATA – ALIGNMENT 2 – SHEPHERDS PARKWAY SW															
SP1	3°23'04"	N 16°49'27.44" E	790'	23.34'	46.66'	0.34'	PC 40+42.51	418658.81	1307170.19	PI 40+65.85	418681.34	1307176.29	PT 40+89.18	418703.47	1307183.70

NOTE:

1. HORIZONTAL CONTROL IS BASED ON MARYLAND COORDINATE SYSTEM, NAD83 / 2007
2. VERTICAL CONTROL IS BASED ON D.C. ENGINEER DATUM.
3. SURVEY DATA PROVIDED BY MERCADO CONSULTANTS, INC. AND QUANTUM SPATIAL

100' 0 100' 200'
SCALE: 1"=100'

GS-1

DISTRICT OF COLUMBIA
DARLON G. SIMONS
NO. PE901700
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SURVEY DATA AND GEOMETRIC DATA DC VILLAGE SEGMENT

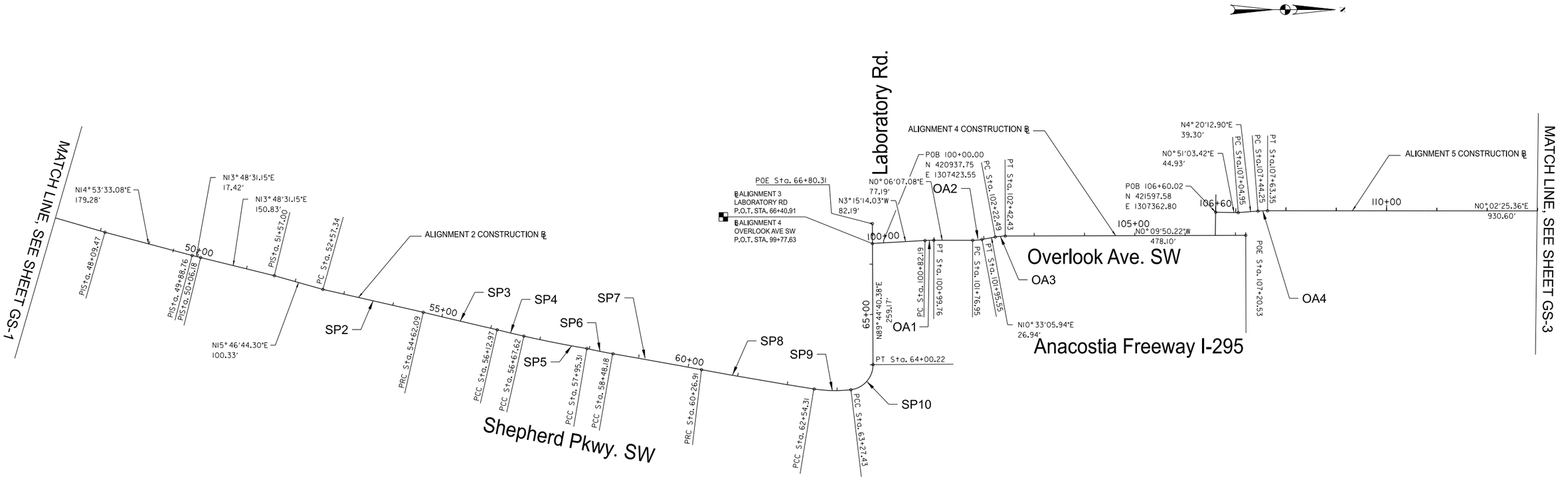
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 8 OF 576

pGS-P001_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	9	576



CURVE DATA – ALIGNMENT 2 – SHEPHERD PARKWAY SW															
Curve #	Delta	Line/Chord Direction	Radius	Tangent	Length	External	Start Station	Start Northing	Start Easting	PI Station	PI Northing	PI Easting	End Station	End Northing	End Easting
SP2	0°11'51"	N 12°49'36.85" E	59378.62'	102.38'	204.76'	0.09'	PC 52+57.34	419822.80	1307516.10	PI 53+59.71	419922.66	1307538.66	PRC 54+62.09	420022.44	1307561.56
SP3	0°47'13"	N 13°17'08.16" E	10984.66'	75.44'	150.87'	0.26'	PRC 54+62.09	420022.44	1307561.56	PI 55+37.53	420095.74	1307579.40	PCC 56+12.97	420169.28	1307596.23
SP4	1°21'50"	N 13°25'59.12" E	2295.89'	27.33'	54.65'	0.16'	PCC 56+12.97	420169.28	1307596.23	PI 56+40.29	420195.78	1307602.90	PCC 56+67.62	420222.44	1307608.93
SP5	3°11'12"	N 11°09'28.05" E	2295.89'	63.86'	127.69'	0.89'	PCC 56+67.62	420222.44	1307608.93	PI 57+31.48	420284.72	1307623.02	PCC 57+95.31	420347.70	1307633.64
SP6	3°03'34"	N 11°21'39.19" E	990.10'	26.44'	52.87'	0.35'	PCC 57+95.31	420347.70	1307633.64	PI 58+21.76	420373.48	1307639.53	PRC 58+48.18	420399.53	1307644.05
SP7	0°22'16"	N 10°09'46.24" E	15433.81'	89.36'	178.73'	0.26'	PRC 58+48.18	420399.53	1307644.05	PI 59+37.55	420487.58	1307659.31	PRC 60+26.91	420575.45	1307675.59
SP8	1°31'44"	N 9°43'48.31" E	8521.35'	113.71'	227.40'	0.76'	PRC 60+26.91	420575.45	1307675.59	PI 61+40.62	420687.26	1307696.30	PT 62+54.31	420799.58	1307714.02
SP9	15°48'24"	N 1°03'44.17" E	265.05'	36.79'	73.12'	2.54'	PCC 62+54.31	420799.58	1307714.02	PI 62+91.11	420835.92	1307719.75	PT 63+27.43	420872.45	1307715.37
SP10	83°24'52"	N 48°32'53.69" E	49.99'	44.55'	72.78'	16.97'	PCC 63+27.43	420872.45	1307715.37	PI 63+71.99	420916.69	1307710.06	PT 64+00.22	420916.49	1307665.51
CURVE DATA – ALIGNMENT 4 – OVERLOOK AVENUE SW															
OA1	3°21'21"	N 1°34'33.47" W	300.00'	8.79'	17.57'	0.13'	PC 100+82.19	421019.81	1307418.89	PI 100+90.98	421028.58	1307418.39	PT 100+99.76	421037.37	1307418.40
OA2	10°39'13"	N 5°13'29.43" W	100.00'	9.32'	18.59'	0.43'	PC 101+76.95	421114.56	1307418.54	PI 101+86.28	421123.89	1307418.56	PT 101+95.55	421133.05	1307416.85
OA3	10°23'16"	N 5°21'28.08" W	110.00'	10.00'	19.94'	0.45'	PC 102+22.49	421159.54	1307411.92	PI 102+32.48	421169.36	1307410.09	PT 102+42.43	421179.36	1307410.06
CURVE DATA – ALIGNMENT 5 – OVERLOOK AVENUE SW															
OA4	4°22'38"	N 2°08'53.77" W	250.00'	9.55'	19.10'	0.18'	PC 107+44.25	421681.70	1307360.49	PI 107+53.81	421691.23	1307359.77	PT 107+63.35	421700.78	1307359.78

NOTE:

1. HORIZONTAL CONTROL IS BASED ON MARYLAND COORDINATE SYSTEM, NAD83 / 2007
2. VERTICAL CONTROL IS BASED ON D.C. ENGINEER DATUM.
3. SURVEY DATA PROVIDED BY MERCADO CONSULTANTS, INC. AND QUANTUM SPATIAL

GS-2

100' 0 100' 200'
SCALE: 1"=100'

DISTRICT OF COLUMBIA
SHARLON A. SIMONS
NO. PE014116
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

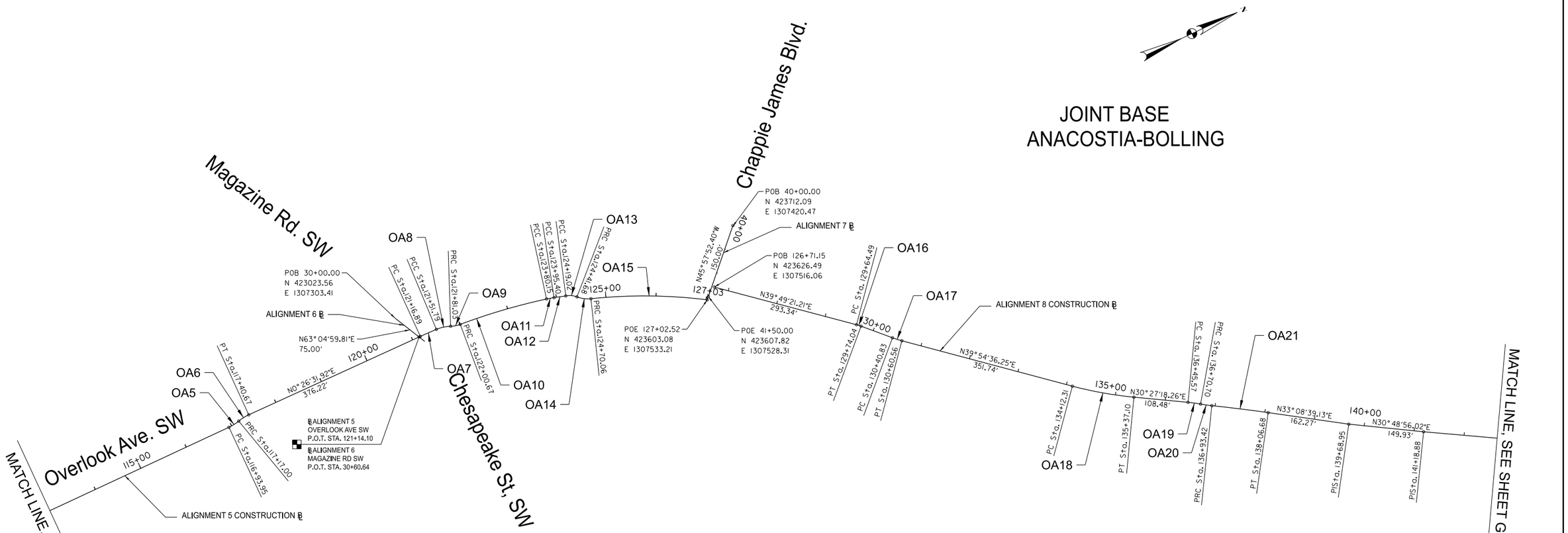
SURVEY DATA AND GEOMETRIC DATA DC VILLAGE SEGMENT

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 9 OF 576

pGS-P002_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	10	576



CURVE DATA – ALIGNMENT 5 – OVERLOOK AVENUE SW

Curve #	Delta	Line/Chord Direction	Radius	Tangent	Length	External	Start Station	Start Northing	Start Easting	PI Station	PI Northing	PI Easting	End Station	End Northing	End Easting
OA5	14°40'11"	N 7°17'40.38" W	90.00'	11.59'	23.04'	0.74'	PC 116+93.95	422631.38	1307360.43	PI 117+05.54	422642.97	1307360.44	PRC 117+17.00	422654.18	1307357.52
OA6	15°04'18"	N 7°05'37.09" W	90.00'	11.91'	23.67'	0.78'	PRC 117+17.00	422654.18	1307357.52	PI 117+28.90	422665.70	1307354.51	PT 117+40.67	422677.60	1307354.60
OA7	1°48'43"	N 1°20'53.20" E	1103.55'	17.45'	34.90'	0.14'	PC 121+16.89	423053.81	1307357.50	PI 121+34.34	423071.26	1307357.64	PCC 121+51.79	423088.70	1307358.32
OA8	20°56'47"	N 12°43'38.20" E	80.00'	14.79'	29.25'	1.36'	PCC 121+51.79	423088.70	1307358.32	PI 121+66.58	423103.47	1307358.91	PRC 121+81.03	423117.07	1307364.73
OA9	18°44'57"	N 13°49'33.61" E	60.00'	9.91'	19.63'	0.81'	PRC 121+81.03	423117.07	1307364.73	PI 121+90.94	423126.17	1307368.63	PRC 122+00.67	423136.05	1307369.40
OA10	8°18'38"	N 8°36'24.43" E	1237.37'	89.90'	179.48'	3.26'	PRC 122+00.67	423136.05	1307369.40	PI 122+90.56	423225.67	1307376.38	PCC 123+80.15	423313.35	1307396.24
OA11	3°29'42"	N 14°30'34.72" E	250.00'	7.63'	15.25'	0.12'	PCC 123+80.15	423313.35	1307396.24	PI 123+87.77	423320.79	1307397.92	PCC 123+95.40	423328.11	1307400.06
OA12	1°21'02"	N 16°55'56.79" E	1002.16'	11.81'	23.62'	0.07'	PCC 123+95.40	423328.11	1307400.06	PI 124+07.21	423339.45	1307403.37	PCC 124+19.02	423350.71	1307406.94
OA13	32°27'51"	N 29°48'43.11" E	40.00'	11.65'	22.66'	1.66'	PCC 124+19.02	423350.71	1307406.94	PI 124+30.66	423362.03	1307409.67	PRC 124+41.68	423370.11	1307418.06
OA14	27°05'50"	N 32°29'43.59" E	60.00'	14.46'	28.38'	1.72'	PRC 124+41.68	423370.11	1307418.06	PI 124+56.14	423380.14	1307428.46	PRC 124+70.06	423393.82	1307433.16
OA15	13°12'49"	N 25°33'13.03" E	1008.00'	116.75'	232.46'	6.74'	PRC 124+70.06	423393.82	1307433.16	PI 125+86.81	423504.24	1307471.07	PT 127+02.52	423603.08	1307533.21

CURVE DATA – ALIGNMENT 8 – OVERLOOK AVENUE SW

Curve #	Delta	Line/Chord Direction	Radius	Tangent	Length	External	Start Station	Start Northing	Start Easting	PI Station	PI Northing	PI Easting	End Station	End Northing	End Easting
OA16	5°28'17"	N 42°33'29.48" E	100.00'	4.78'	9.55'	0.11'	PC 129+64.49	423851.79	1307703.92	PI 129+69.27	423855.46	1307706.98	PT 129+74.04	423858.82	1307710.38
OA17	5°23'02"	N 42°36'07.00" E	210.00'	9.87'	19.73'	0.23'	PC 130+40.83	423905.80	1307757.85	PI 130+50.70	423912.75	1307764.86	PT 130+60.56	423920.32	1307771.20
OA18	9°21'20"	N 35°07'58.40" E	764.23'	62.53'	124.79'	2.55'	PC 134+12.31	424190.13	1307996.87	PI 134+74.84	424238.16	1308036.91	PT 135+37.10	424292.07	1308068.60
OA19	4°47'55"	N 32°51'15.94" E	300.00'	12.57'	25.13'	0.26'	PC 136+45.57	424385.58	1308123.59	PI 136+58.14	424396.42	1308129.96	PRC 136+70.70	424406.68	1308137.22
OA20	4°20'22"	N 33°05'02.72" E	300.00'	11.37'	22.72'	0.22'	PRC 136+70.70	424406.68	1308137.22	PI 136+82.07	424415.96	1308143.78	PRC 136+93.42	424425.71	1308149.62
OA21	2°13'47"	N 32°01'45.47" E	2910.21'	56.64'	113.26'	0.55'	PRC 136+93.42	424425.71	1308149.62	PI 137+50.06	424474.30	1308178.71	PT 138+06.68	424521.72	1308209.68

100' 0 100' 200'
SCALE: 1"=100'

NOTE:

1. HORIZONTAL CONTROL IS BASED ON MARYLAND COORDINATE SYSTEM, NAD83 / 2007
2. VERTICAL CONTROL IS BASED ON D.C. ENGINEER DATUM.
3. SURVEY DATA PROVIDED BY MERCADO CONSULTANTS, INC. AND QUANTUM SPATIAL

GS-3

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

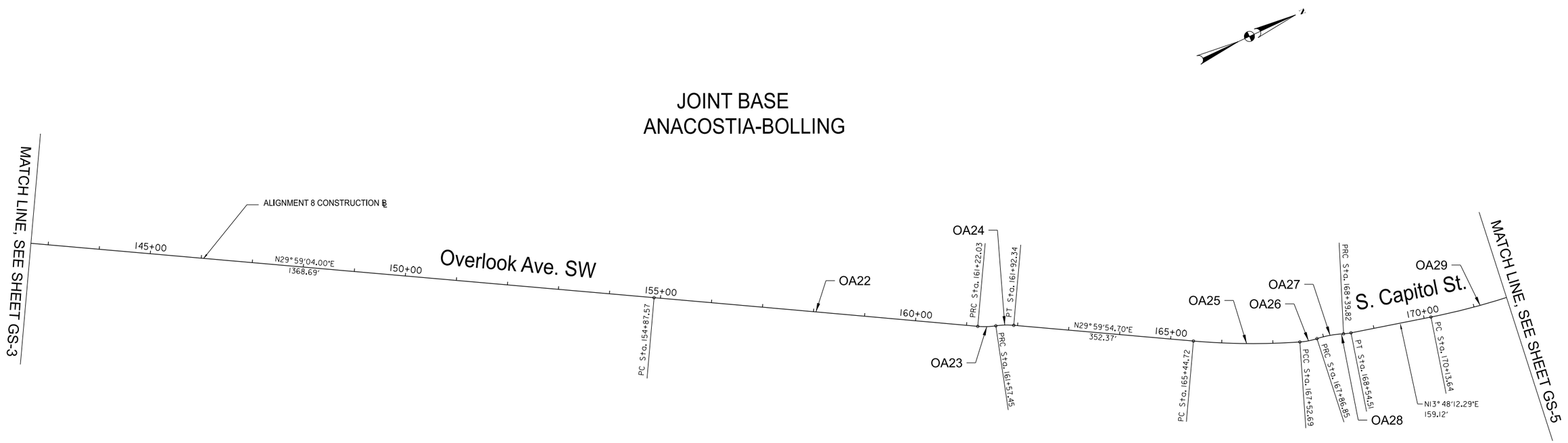
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SURVEY DATA AND GEOMETRIC DATA DC VILLAGE SEGMENT

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	10 OF 576

pGS-P003_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	11	576



CURVE DATA – ALIGNMENT 8 – OVERLOOK AVENUE SW															
Curve #	Delta	Line/Chord Direction	Radius	Tangent	Length	External	Start Station	Start Northing	Start Easting	PI Station	PI Northing	PI Easting	End Station	End Northing	End Easting
OA22	0°09'01"	N 30°03'34.41" E	241976.62'	317.23'	634.46'	0.21'	PC 154+87.57	425971.86	1309059.23	PI 158+04.80	426246.63	1309217.77	PRC 161+22.03	426520.99	1309377.03
OA23	13°31'44"	N 23°22'12.92" E	150.00'	17.79'	35.42'	1.05'	PRC 161+22.03	426520.99	1309377.03	PI 161+39.82	426536.38	1309385.96	PRC 161+57.45	426553.43	1309391.04
OA24	13°19'47"	N 23°16'14.72" E	150.00'	17.53'	34.90'	1.02'	PRC 161+57.45	426553.43	1309391.04	PI 161+74.97	426570.22	1309396.05	PT 161+92.34	426585.41	1309404.80
OA25	8°58'49"	N 25°30'30.04" E	1326.89'	104.20'	207.97'	4.09'	PC 165+44.72	426890.58	1309580.98	PI 166+48.92	426980.82	1309633.08	PCC 167+52.69	427078.09	1309670.45
OA26	13°58'57"	N 14°02'36.41" E	140.00'	17.17'	34.17'	1.05'	PCC 167+52.69	427078.05	1309670.44	PI 167+69.86	427094.07	1309676.60	PRC 167+86.85	427111.11	1309678.71
OA27	15°10'22"	N 14°38'18.76" E	200.00'	26.64'	52.96'	1.77'	PRC 167+86.85	427111.11	1309678.71	PI 168+13.49	427137.55	1309681.98	PRC 168+39.82	427162.21	1309692.05
OA28	8°25'17"	N 18°00'50.91" E	100.00'	7.36'	14.70'	0.27'	PRC 168+39.82	427162.21	1309692.05	PI 168+47.18	427169.02	1309694.84	PT 168+54.51	427176.17	1309696.59
OA29	8°35'23"	N 9°30'30.84" E	1316.00'	98.83'	197.29'	3.71'	PC 170+13.64	427330.70	1309734.56	PI 171+12.47	427426.68	1309758.14	PT 172+10.93	427525.10	1309767.12

NOTE:

1. HORIZONTAL CONTROL IS BASED ON MARYLAND COORDINATE SYSTEM, NAD83 / 2007
2. VERTICAL CONTROL IS BASED ON D.C. ENGINEER DATUM.
3. SURVEY DATA PROVIDED BY MERCADO CONSULTANTS, INC. AND QUANTUM SPATIAL

GS-4

100' 0 100' 200'
SCALE: 1"=100'

DISTRICT OF COLUMBIA · SHANTON D. SMOKES · NO. PE004706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SURVEY DATA AND GEOMETRIC DATA DC VILLAGE SEGMENT

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

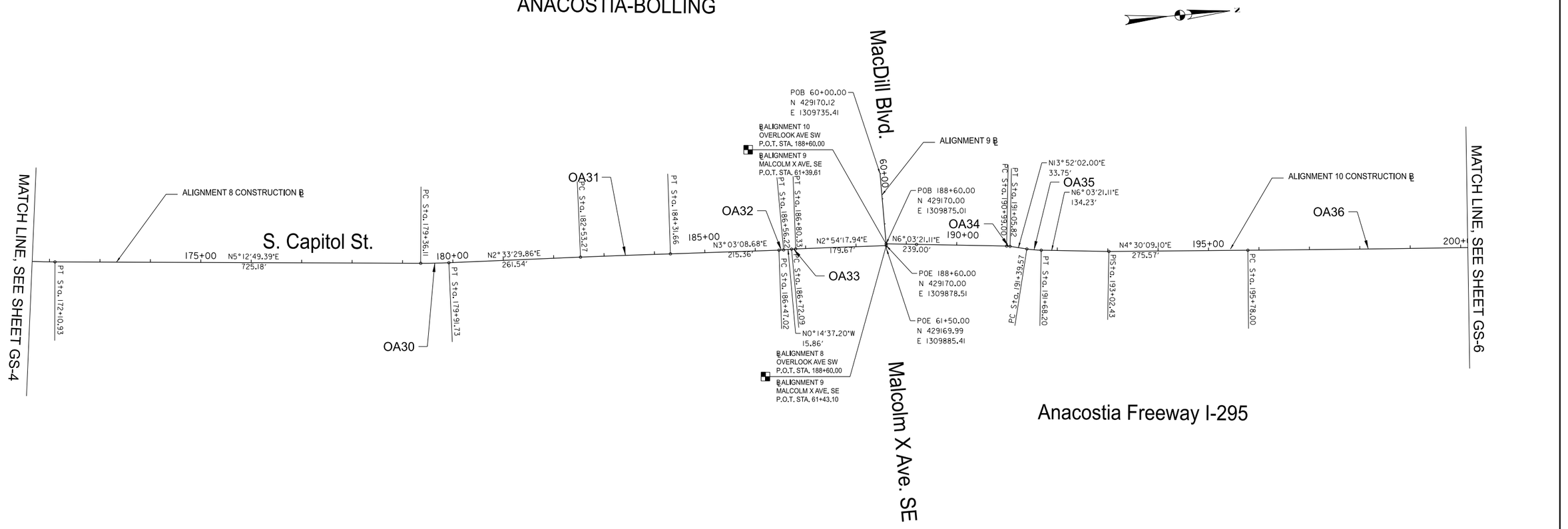
FILE

SHEET 11 OF 576

pGS-P004_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	12	576

JOINT BASE ANACOSTIA-BOLLING



CURVE DATA – ALIGNMENT 8 – OVERLOOK AVENUE SW															
Curve #	Delta	Line/Chord Direction	Radius	Tangent	Length	External	Start Station	Start Northing	Start Easting	PI Station	PI Northing	PI Easting	End Station	End Northing	End Easting
OA30	2°39'20"	N 3°53'09.63" E	1200.00'	27.81'	55.62'	0.32'	PC 179+36.11	428247.28	1309833.02	PI 179+63.92	428274.98	1309835.54	PT 179+91.73	428302.76	1309836.79
OA31	0°33'38"	N 2°55'59.19" E	18234.85'	89.20'	178.39'	0.22'	PC 182+53.27	428564.05	1309848.46	PI 183+42.46	428653.14	1309852.59	PT 184+31.66	428742.20	1309857.59
OA32	3°17'46"	N 1°24'15.74" E	160.00'	4.60'	9.20'	0.07'	PC 186+47.02	428957.25	1309869.06	PI 186+51.62	428961.85	1309869.30	PT 186+56.22	428966.45	1309869.28
OA33	3°08'55"	N 1°19'50.37" E	150.00'	4.12'	8.24'	0.06'	PC 186+72.09	428982.32	1309869.21	PI 186+76.21	428986.44	1309869.20	PT 186+80.33	428990.56	1309869.40
CURVE DATA – ALIGNMENT 10 – S. CAPITOL STREET															
OA34	7°48'41"	N 9°57'41.55" E	50.00'	3.41'	6.82'	0.12'	PC 190+99.00	429407.67	1309900.23	PI 191+02.41	429411.06	1309900.59	PT 191+05.82	429414.38	1309901.41
OA35	7°48'41"	N 9°57'41.55" E	210.00'	14.34'	28.63'	0.49'	PC 191+39.57	429447.14	1309909.50	PI 191+53.91	429461.06	1309912.93	PT 191+68.20	429475.32	1309914.44

NOTE:

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3. SURVEY DATA PROVIDED BY MERCADO CONSULTANTS, INC. AND QUANTUM SPATIAL

GS-5

100' 0 100' 200'
SCALE: 1"=100'

DISTRICT OF COLUMBIA · SHARON D. SMOKE · NO. PE004706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

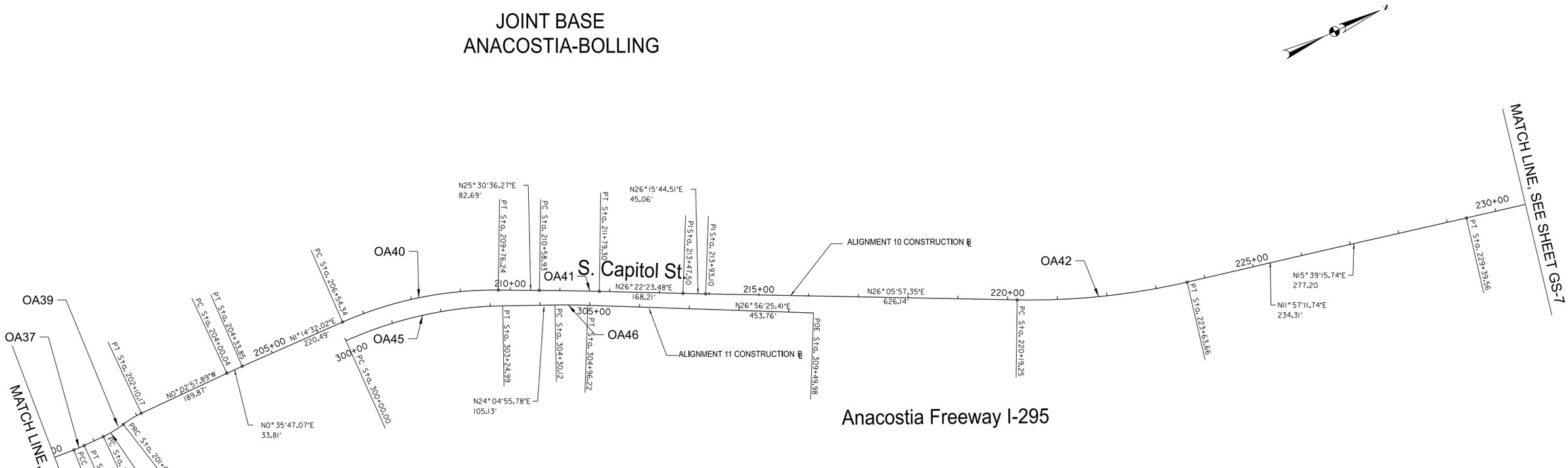
SURVEY DATA AND GEOMETRIC DATA DC VILLAGE SEGMENT

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	12 OF 576

pGS-P005_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	13	576

JOINT BASE ANACOSTIA-BOLLING



CURVE DATA – ALIGNMENT 10 – S. CAPITOL STREET

Curve #	Delta	Line/Chord Direction	Radius	Tangent	Length	External	Start Station	Start Northing	Start Easting	PI Station	PI Northing	PI Easting	End Station	End Northing	End Easting
OA36	0°26'24"	N 4°16'56.98" E	62169.11'	238.75'	477.50'	0.46'	PC 195+78.00	429883.52	1309950.24	PI 198+16.75	430121.54	1309968.98	PCC 200+55.50	430359.69	1309985.89
OA37	4°08'31"	N 1°59'29.17" E	310.00'	11.21'	22.41'	0.20'	PCC 200+55.50	430359.69	1309985.89	PI 200+66.71	430370.87	1309986.69	PT 200+77.91	430382.08	1309986.67
OA38	12°49'26"	N 6°29'29.42" W	210.00'	23.60'	47.00'	1.32'	PC 201+20.54	430424.71	1309986.61	PI 201+44.14	430448.31	1309986.58	PRC 201+67.54	430471.31	1309981.31
OA39	12°51'14"	N 6°28'35.11" W	190.00'	21.40'	42.63'	1.20'	PRC 201+67.54	430471.31	1309981.31	PI 201+88.94	430492.17	1309976.53	PT 202+10.17	430513.57	1309976.51
OA40	24°16'04"	N 13°22'34.15" E	760.00'	163.40'	321.90'	17.37'	PC 206+54.34	430957.69	1309981.48	PI 208+17.74	431121.06	1309985.02	PT 209+76.24	431268.53	1310055.40
OA41	0°51'47"	N 25°56'29.88" E	7990.00'	60.18'	120.36'	0.23'	PC 210+58.93	431343.16	1310091.01	PI 211+19.12	431397.47	1310116.93	PT 211+79.30	431451.39	1310143.66
OA42	14°08'46"	N 19°01'34.54" E	1395.00'	173.09'	344.42'	10.70'	PC 220+19.25	432205.28	1310514.02	PI 221+92.34	432360.72	1310590.16	PT 223+63.66	432530.06	1310626.01

CURVE DATA – ALIGNMENT 11 – SOUTH CAPITOL STREET

Curve #	Delta	Line/Chord Direction	Radius	Tangent	Length	External	Start Station	Start Northing	Start Easting	PI Station	PI Northing	PI Easting	End Station	End Northing	End Easting
OA45	25°51'00"	N 13°49'48" E	800.34'	164.76'	324.98'	16.78'	PC 300+00.00	430948.00	1310018.33	PI 301+64.76	431112.75	1310020.67	PT 303+24.99	431263.17	1310087.91
OA46	3°10'48"	N 28°21'0" E	1325.00	33.05	66.09	0.41	PC 304+30.12	431359.16	1310130.80	PI 304+63.18	431389.33	1310144.29	PT 304+96.22	431418.80	1310159.27

NOTE:

1. HORIZONTAL CONTROL IS BASED ON MARYLAND COORDINATE SYSTEM, NAD83 / 2007
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3. SURVEY DATA PROVIDED BY MERCADO CONSULTANTS, INC. AND QUANTUM SPATIAL

GS-6

100' 0 100' 200'
SCALE: 1"=100'

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ch2m TOOLE DESIGN

DISTRICT OF COLUMBIA
DARION G. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SURVEY DATA AND GEOMETRIC DATA DC VILLAGE SEGMENT

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 13 OF 576

pGS-P006_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
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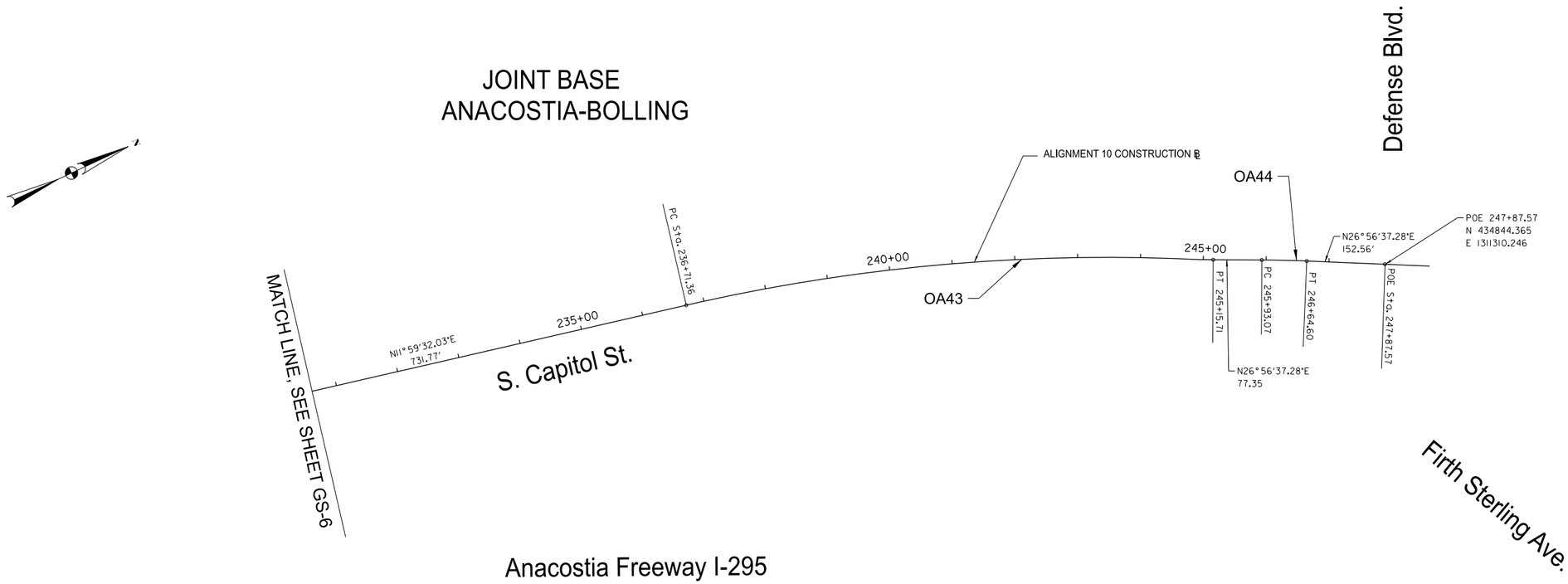

CURVE DATA – ALIGNMENT 10 – S. CAPITOL STREET

Curve #	Delta	Line/Chord Direction	Radius	Tangent	Length	External	Start Station	Start Northing	Start Easting	PI Station	PI Northing	PI Easting	End Station	End Northing	End Easting
OA43			2990.00'		805.89'		PC 236+71.36	433808.86	1310899.30	PI 240+76.75	434196.09	1311009.64	PT 245+15.71	434599.44	1311188.10
OA44			1990.00'		71.54'		PC 245+96.07	434669.37	1311221.16	PI 246+28.84	434701.57	1311236.74	PT 246+64.60	434733.49	1311252.90

NOTE:

1. HORIZONTAL CONTROL IS BASED ON MARYLAND COORDINATE SYSTEM, NAD83 / 2007
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3. SURVEY DATA PROVIDED BY MERCADO CONSULTANTS, INC. AND QUANTUM SPATIAL

GS-7

100' 0 100' 200'
SCALE: 1"=100'

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE009716
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SURVEY DATA
AND GEOMETRIC DATA
DC VILLAGE SEGMENT

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 14 OF 576

pGS-P007_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
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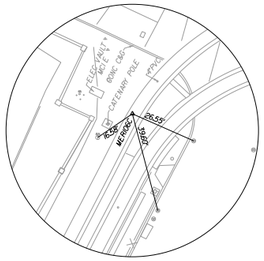

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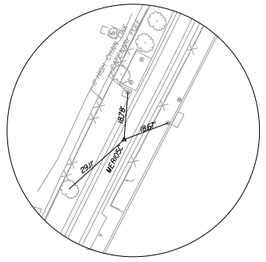

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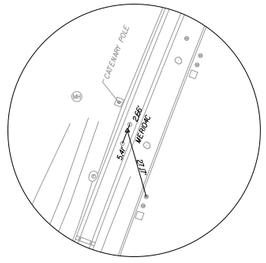

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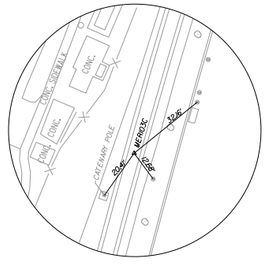

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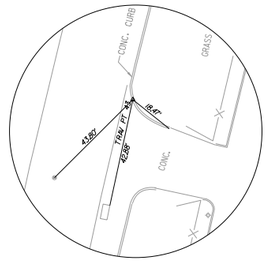

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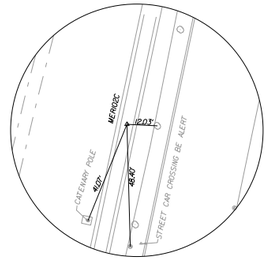

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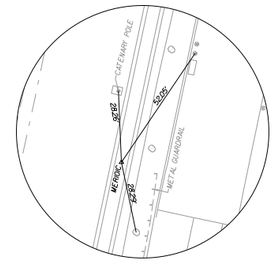

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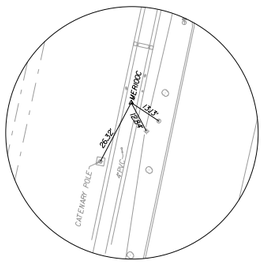

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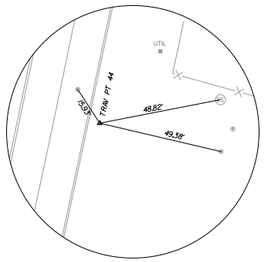

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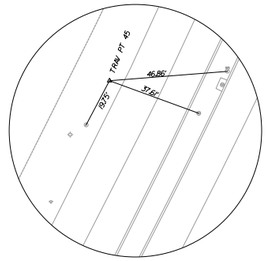

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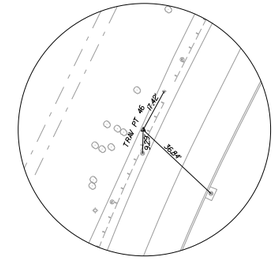

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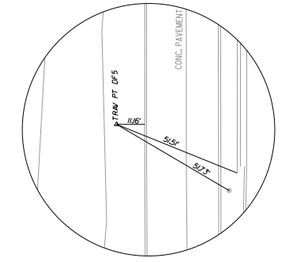

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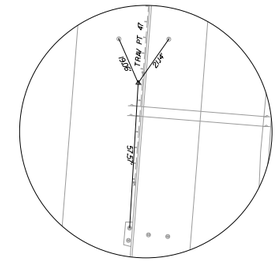

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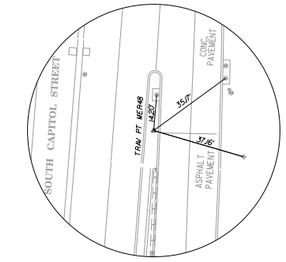

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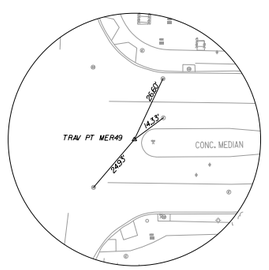

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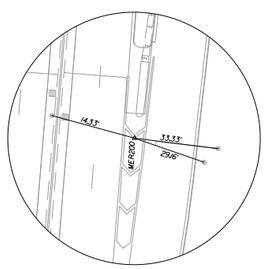

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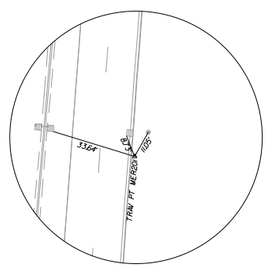

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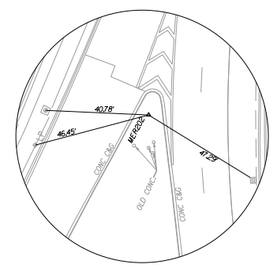

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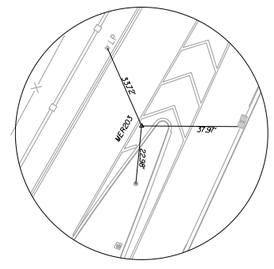

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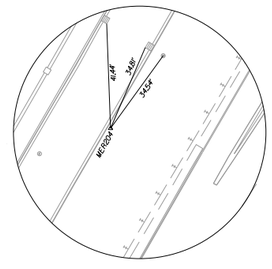
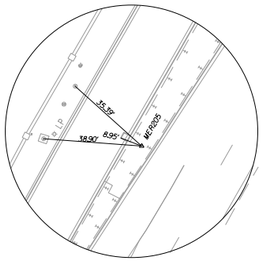


MER204

REBAR & CAP
N 425700.33212
E 1308927.21586
EL 51.69



MER205
REBAR & CAP
N 424880.44567
E 1308459.49092
EL 46.92

GS-8

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SURVEY TRAVERSE AND CONTROL POINTS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 15 OF 576

ch2m

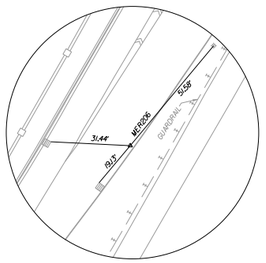
NO.	DESCRIPTION	NAME	DATE

REVISIONS

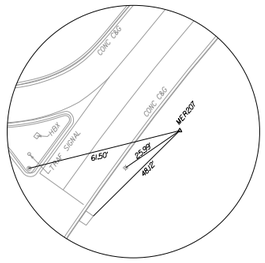
DISTRICT OF COLUMBIA
BARTLON G. SMOAK
NO. PE014766
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pGS-P008_SCSTr-ali.dgn
2/24/2026

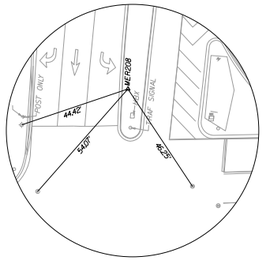
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	16	576



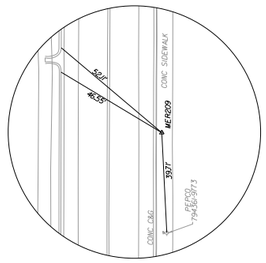
MER206
MAG NAIL
N 424289.87513
E 1308108.16437
EL 55.07



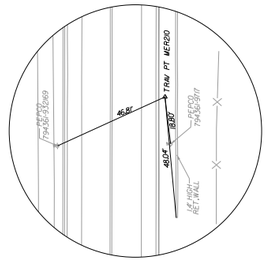
MER207
REBAR & CAP
N 423667.50805
E 1307612.63932
EL 67.60



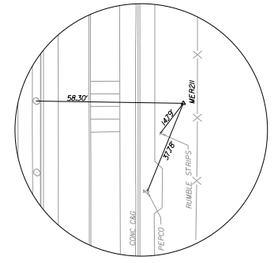
MER208
REBAR & CAP
N 423114.06688
E 1307411.47219
EL 76.47



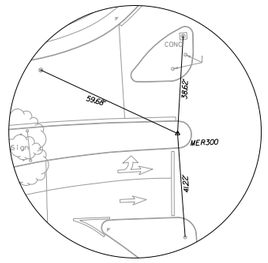
MER209
MAG NAIL
N 422508.37738
E 1307404.90600
EL 78.25



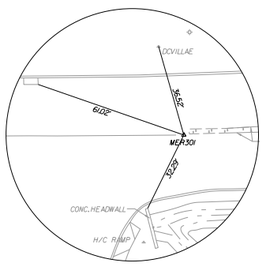
MER210
MAG NAIL
N 421882.12956
E 1307404.60626
EL 68.43



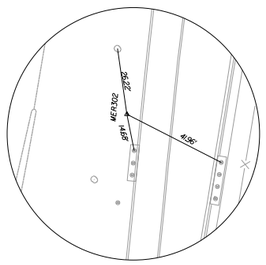
MER211
REBAR & CAP
N 421454.31795
E 1307420.74987
EL 53.41



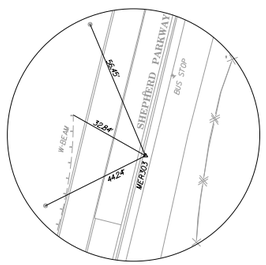
MER300
REBAR & CAP
N 420937.02100
E 1307347.68800
EL 36.94



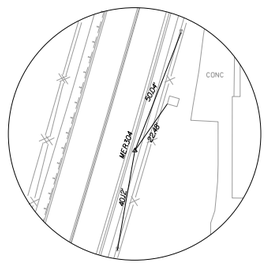
MER301
MAG NAIL
N 420935.00500
E 1307786.79700
EL 45.01



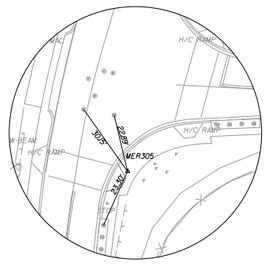
MER302
REBAR & CAP
N 420570.23831
E 1307665.66240
EL 39.38



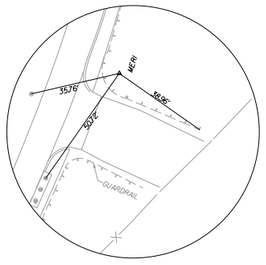
MER303
MAG NAIL
N 419984.61888
E 1307588.40619
EL 35.30



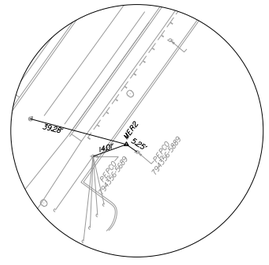
MER304
MAG NAIL
N 419273.20754
E 1307405.74219
EL 44.58



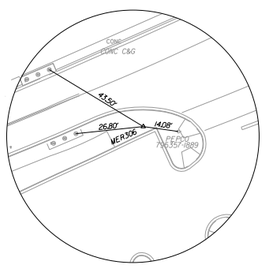
MER305
MAG NAIL
N 418542.42536
E 1307176.90639
EL 28.94



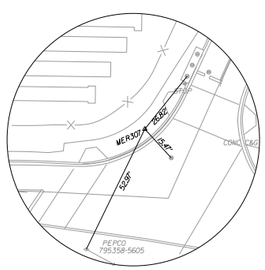
MER1
REBAR & CAP
N 417966.16683
E 1307171.92353
EL 25.45



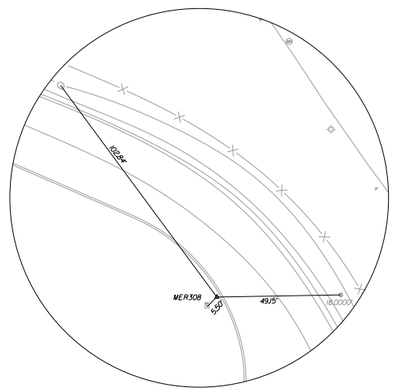
MER2
MAG NAIL
N 417653.37270
E 1306988.96940
EL 28.87



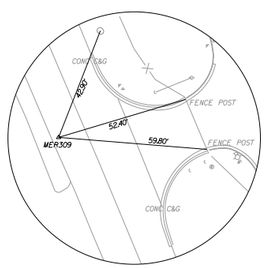
MER306
MAG NAIL
N 418640.75975
E 1307586.61782
EL 38.87



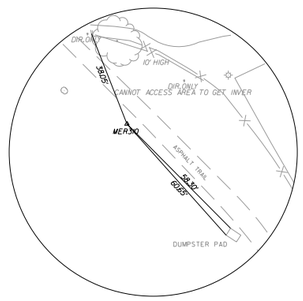
MER307
MAG NAIL
N 418840.13673
E 1308016.93444
EL 42.20



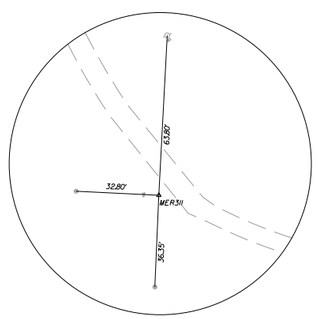
MER308
REBAR & CAP
N 418677.68401
E 1308272.89268
EL 43.40



MER309
MAG NAIL
N 418125.17702
E 1308523.46697
EL 40.64



MER310
REBAR & CAP
N 417853.53468
E 1308636.59951
EL 37.45



MER311
REBAR & CAP
N 417502.08069
E 1308834.06675
EL 31.60

GS-9

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SURVEY TRAVERSE AND CONTROL POINTS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 16 OF 576

NO.	DESCRIPTION	NAME	DATE

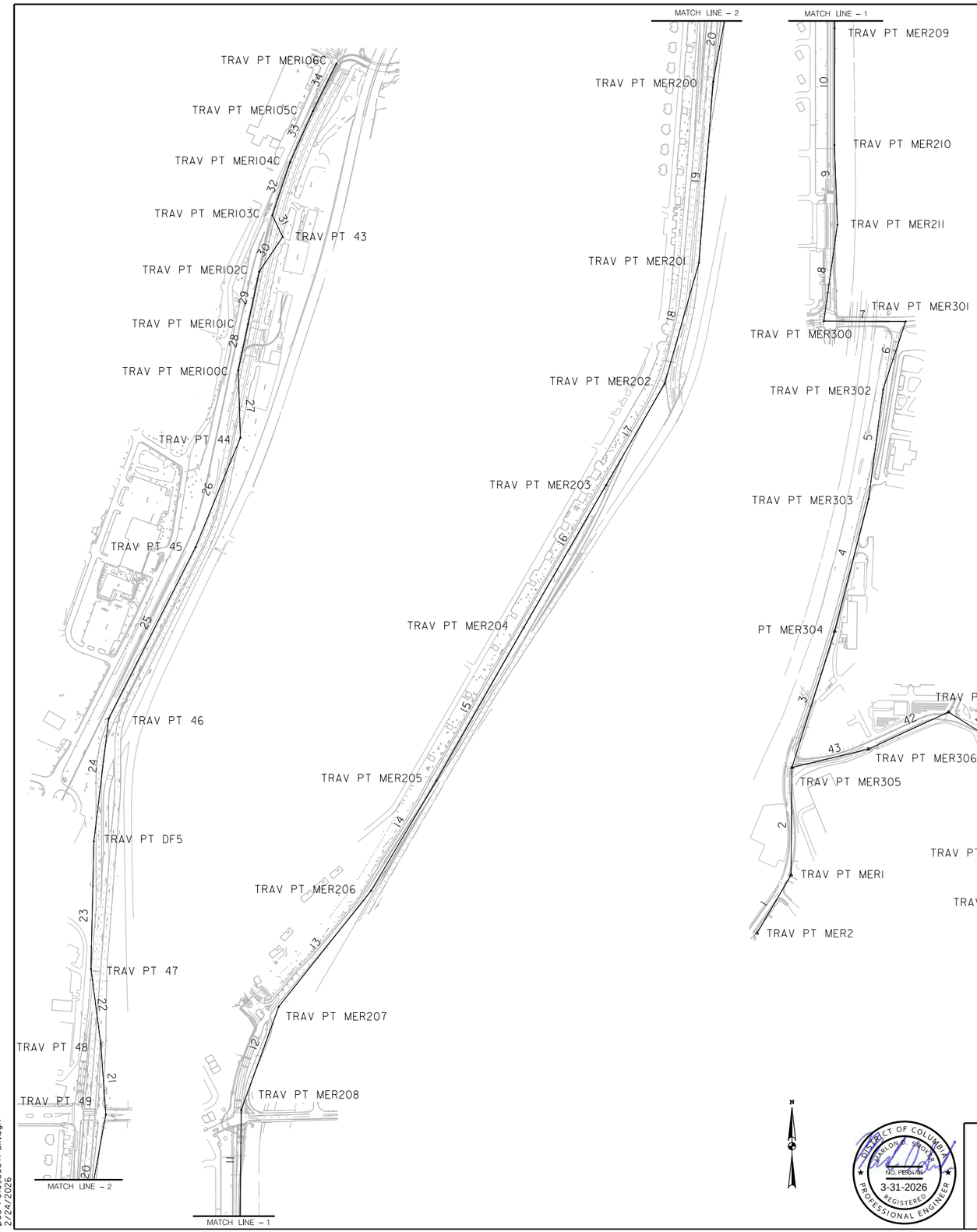
REVISIONS

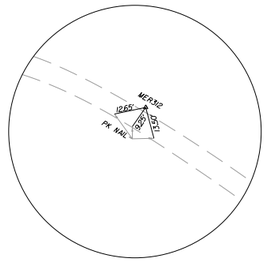
ch2m

DISTRICT OF COLUMBIA
HAMILTON G. SMOAK
NO. PE014766
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

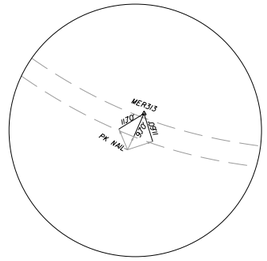
pGS-P009_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	17	576

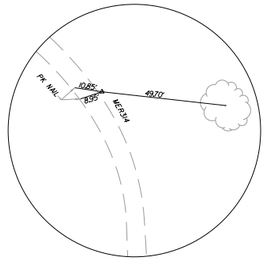




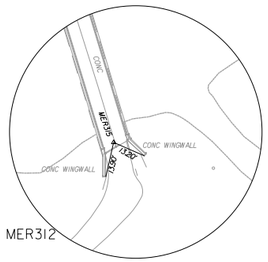
MER312
REBAR & CAP
N 417424.79895
E 1309199.80139
EL 37.97



MER313
REBAR & CAP
N 417218.27637
E 1309484.82557
EL 31.27



MER314
REBAR & CAP
N 417129.09275
E 1309766.47050
EL 27.42



MER315
DISC
N 416694.92220
E 1309799.20036
EL 12.94

TRAVERSE TABLE		
ID	DISTANCE	BEARING
1	362.39	N 30°19'25" E
2	576.29	N 0°29'43" E
3	765.94	N 17°23'14" E
4	734.55	N 14°24'01" E
5	590.71	N 7°30'55" E
6	384.40	N 18°22'15" E
7	439.19	N 89°44'13" W
8	522.69	N 8°02'21" E
9	428.38	N 2°09'40" W
10	626.33	N 0°01'39" E
11	605.73	N 0°37'16" E
12	588.94	N 19°58'31" E
13	795.64	N 38°31'36" E
14	687.22	N 30°44'53" E
15	943.93	N 29°42'13" E
16	882.03	N 30°00'28" E
17	629.50	N 30°02'45" E
18	675.79	N 15°48'18" E
19	972.96	N 4°29'32" E
20	545.53	N 10°24'19" E
21	380.37	N 4°05'23" W
22	406.87	N 7°26'49" W
23	684.53	N 1°18'50" E
24	663.15	N 6°53'35" E
25	1030.67	N 26°54'16" E
26	633.48	N 22°18'39" E
27	363.29	N 1°49'27" W
28	252.26	N 12°02'10" E
29	287.87	N 12°02'35" E
30	224.56	N 34°00'30" E
31	128.29	N 25°36'10" W
32	300.35	N 18°26'20" E
33	300.67	N 24°10'48" E
34	282.50	N 26°16'25" E
35	295.45	N 72°25'47" W
36	352.05	N 54°04'25" W
37	373.86	N 78°04'07" W
38	403.17	N 29°19'47" W
39	294.28	N 22°36'38" W
40	606.68	N 24°23'43" W
41	303.16	N 57°35'51" W
42	474.27	S 65°08'26" W
43	421.47	S 76°30'13" W
44	435.64	N 04°18'39" W

GS–10

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SURVEY TRAVERSE AND CONTROL POINTS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 17 OF 576

NO.	DESCRIPTION	NAME	DATE

REVISIONS

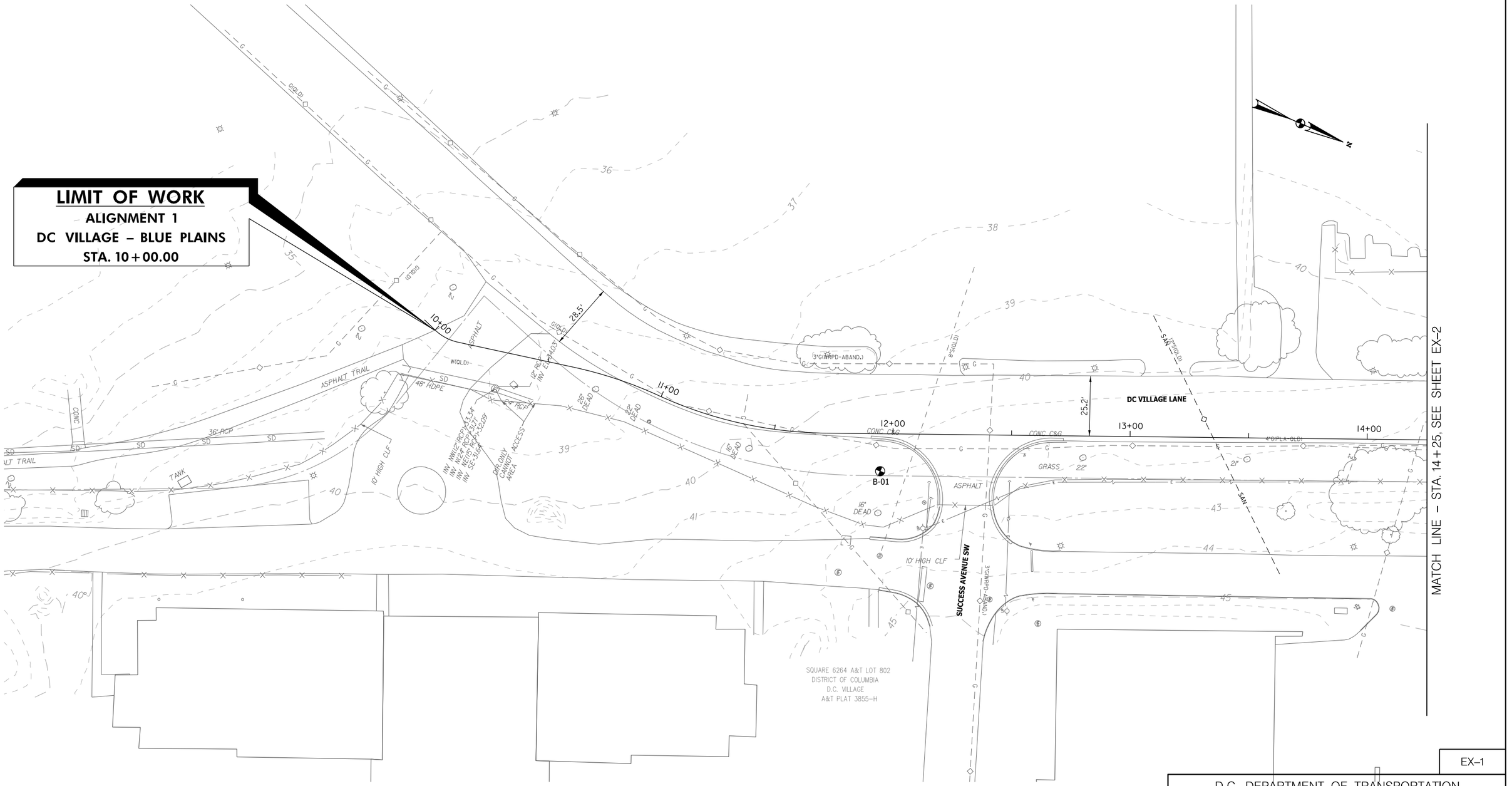
DISTRICT OF COLUMBIA
MARLON G. SIMONS
NO. PE904705
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m

pGS-P010_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	18	576

LIMIT OF WORK
ALIGNMENT 1
DC VILLAGE – BLUE PLAINS
STA. 10+00.00



20' 0 20' 40'
SCALE: 1"=20'

EX-1

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 18 OF 576

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
DARLENE SIMMONS
NO. PE004706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pT0-E00L_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	19	576

MATCH LINE – STA. 14+25, SEE SHEET EX-1

SQUARE 6264 A&T LOT 800
WMATA
D.C. VILLAGE
A&T PLAT 3846-E

MATCH LINE – STA. 20+00, SEE SHEET EX-3

EXISTING ROW

DC VILLAGE LANE

15+00 16+00 17+00 18+00 19+00

INV EL=39.12'
INV EL=39.09'
CONC HEADWALL
CONC CURB
CONC CURB
CONC CURB
CONC CURB
4"G(PLA-OLD)
27.5'
10" CONC
10" CONC
CONC HEADWALL
29'
4"G(PLA-OLD)
UNK
EOI
UNK
UNK
27"
10"
18"
INV EL=40.51'
INV EL=40.48'
24"S(OLD)
28.5'

BASKETBALL COURT

SQUARE 6264 A&T LOT 802
DISTRICT OF COLUMBIA
D.C. VILLAGE
A&T PLAT 3855-H

20' 0 20' 40'
SCALE: 1"=20'

EX-2

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 19 OF 576

NO.	DESCRIPTION	NAME	DATE

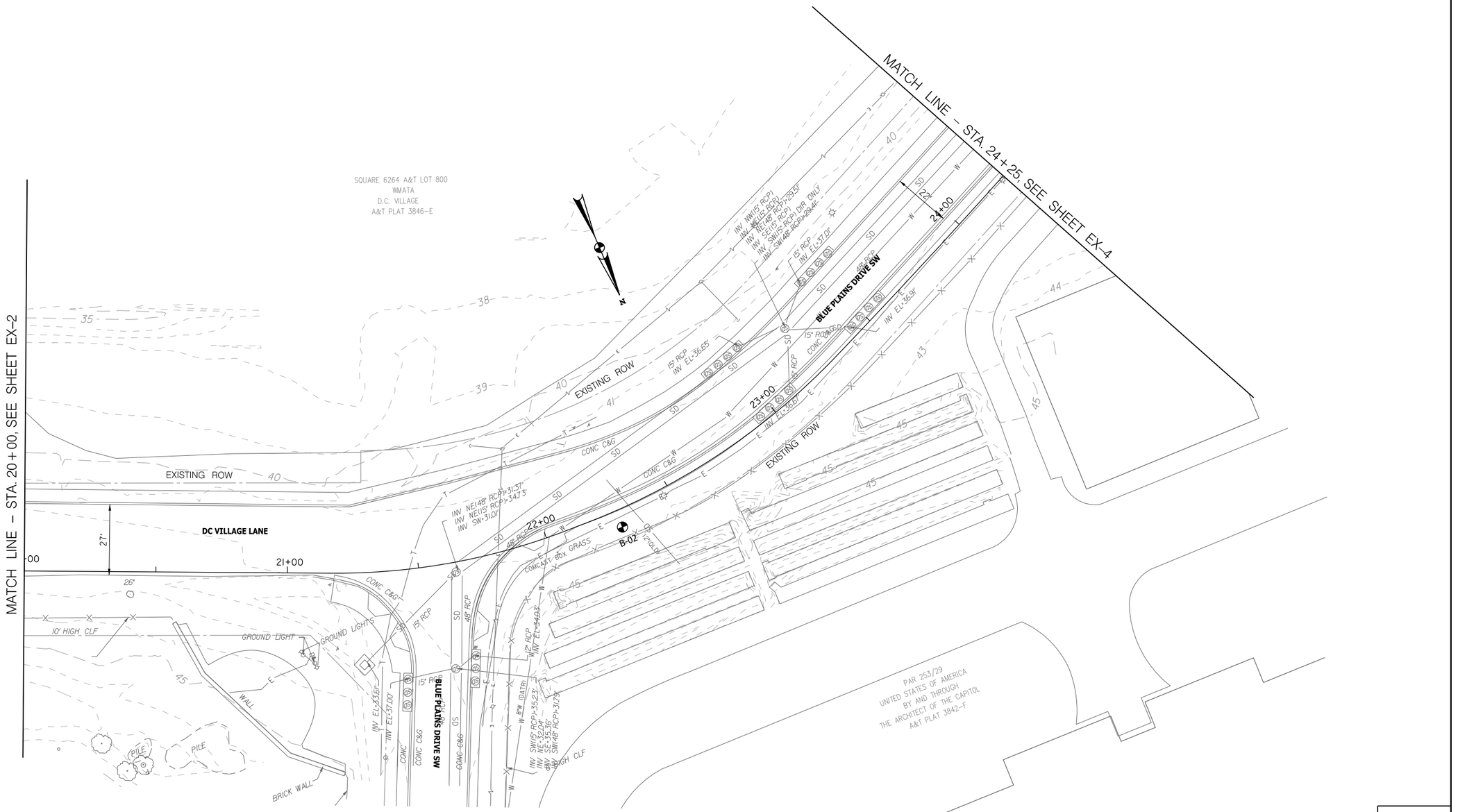
REVISIONS

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
MARION G. SMOAK
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

PTO-E002_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	20	576



EX-3

SCALE: 1"=20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 20 OF 576

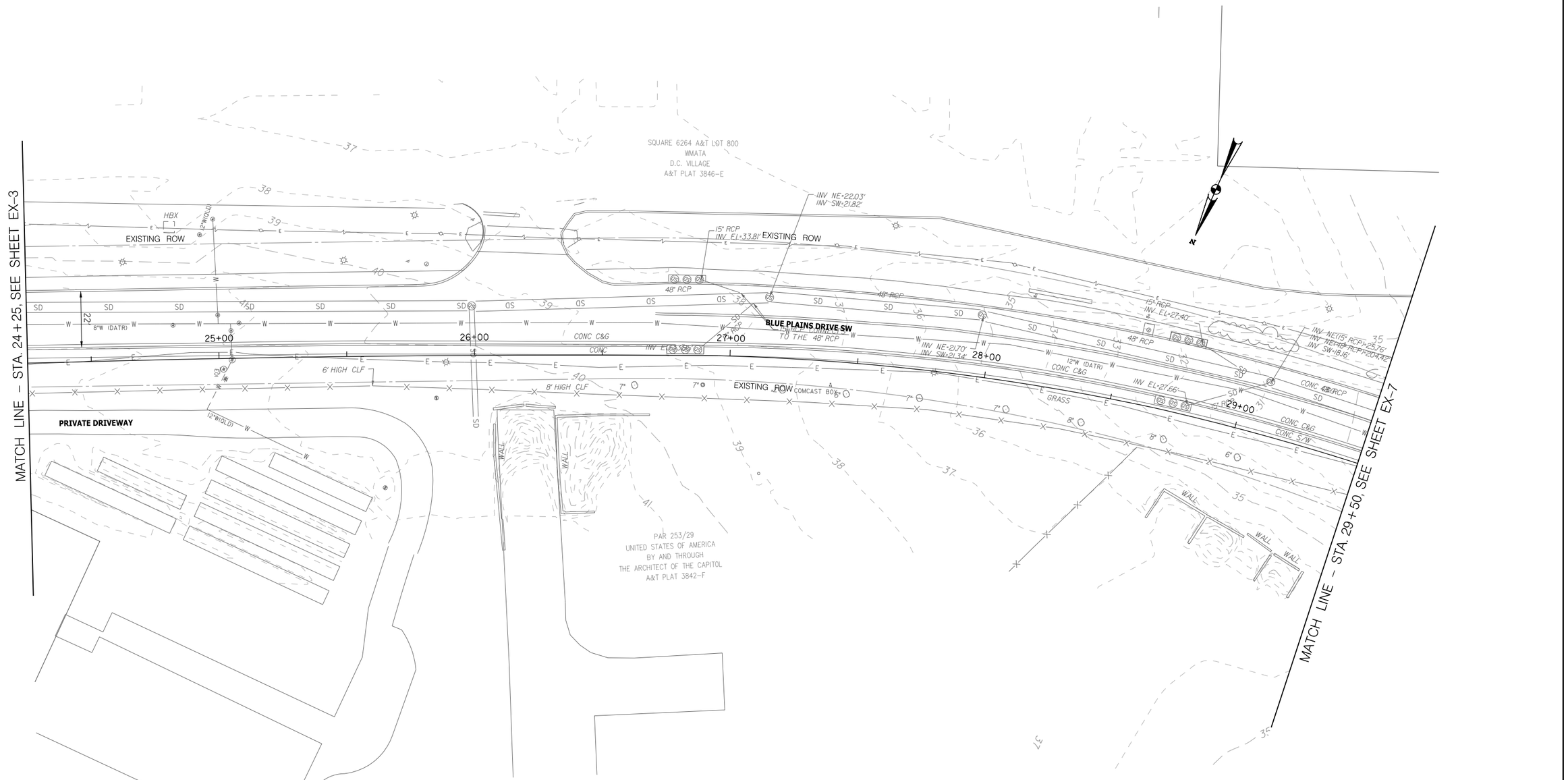
NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

ch2m TOOLE DESIGN

DISTRICT OF COLUMBIA
DARRYN G. SMOLKA
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pT0-E003_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	21	576



EX–4

20' 0 20' 40'
SCALE: 1"=20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 21 OF 576

ch2m· TOOLE DESIGN

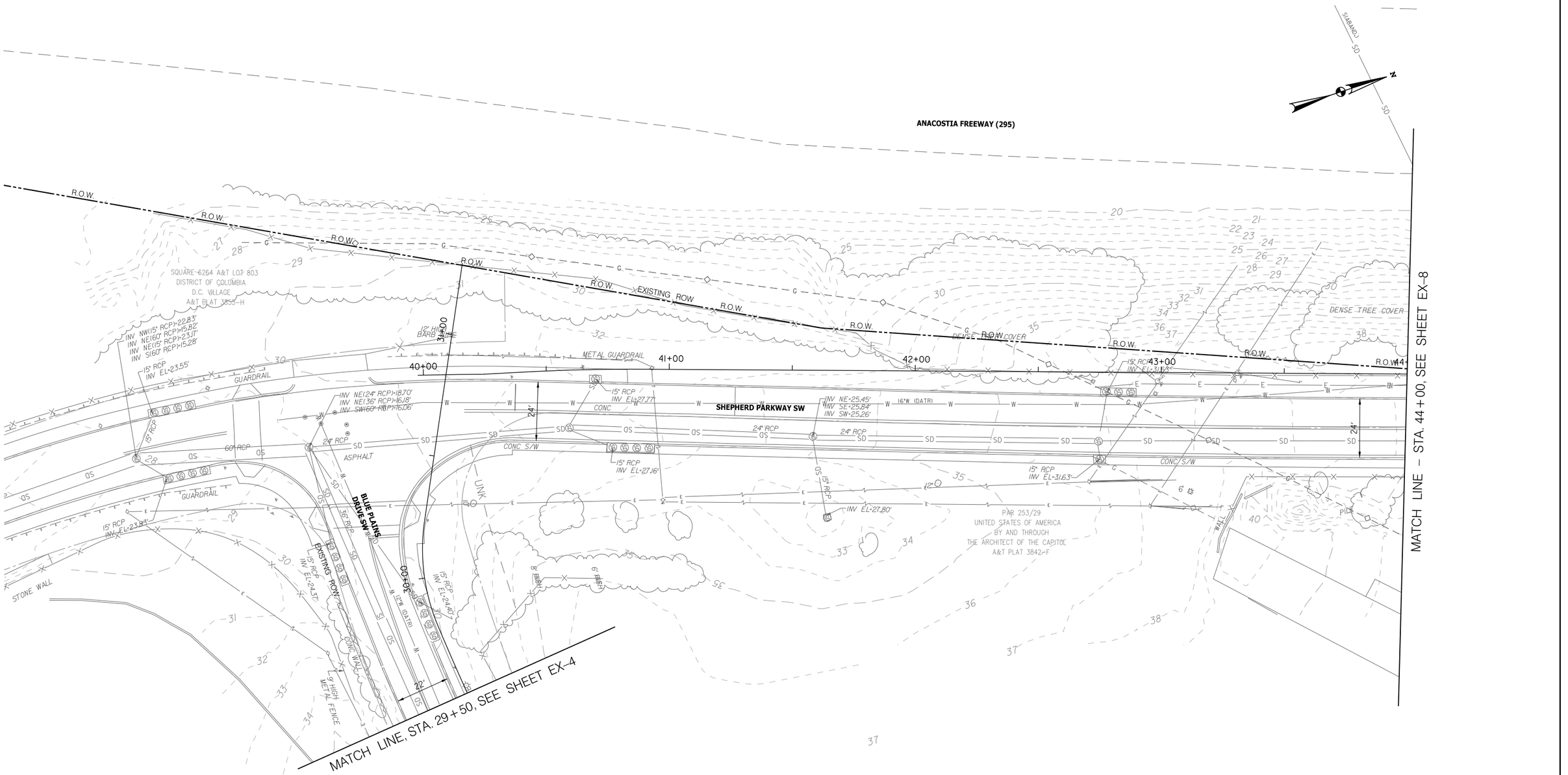
NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pTO-E004_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	22	576



EX–7

20′ 0 20′ 40′
SCALE: 1"=20′

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ch2m· TOOLE DESIGN

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

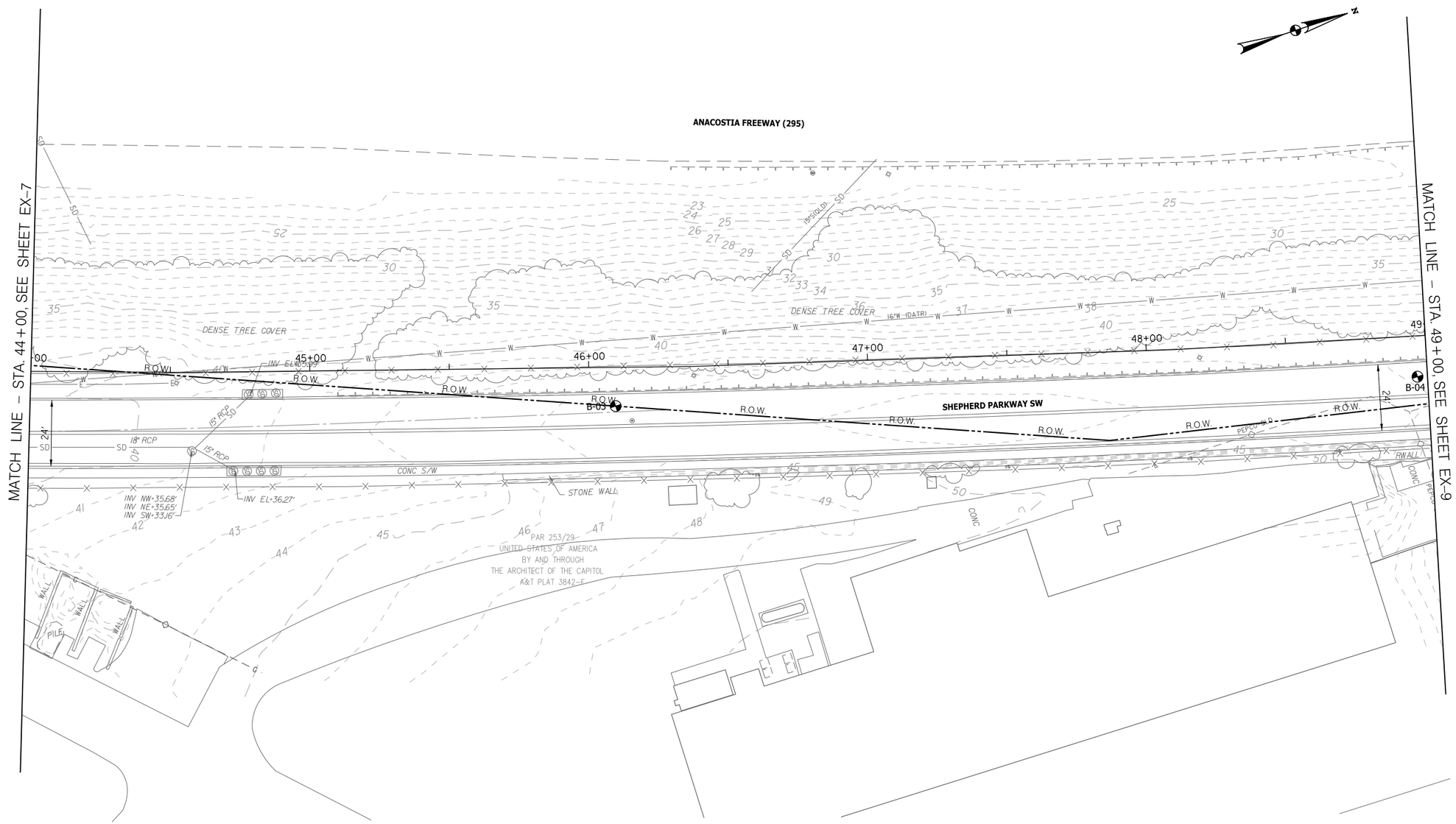
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 22 OF 576

DISTRICT OF COLUMBIA
CARLOS D. SIMONS
NO. PE009706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

p10-E007_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	23	576



EX–8

20' 0 20' 40'
SCALE: 1"=20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 23 OF 576

ch2m· TOOLE DESIGN

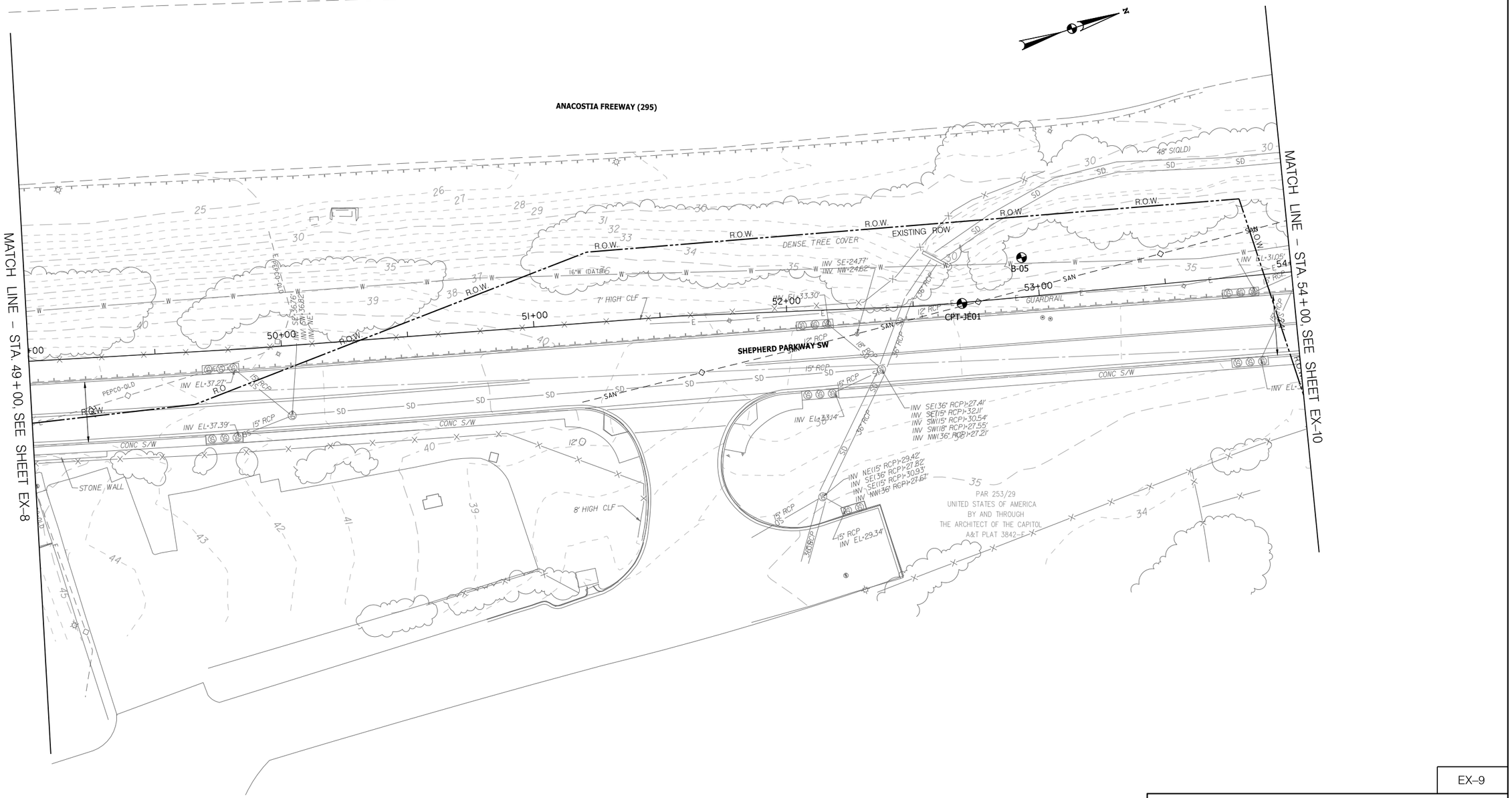
NO	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pT0-E008_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	24	576



EX–9

20′ 0 20′ 40′
SCALE: 1"=20′

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 24 OF 576

ch2m· TOOLE DESIGN

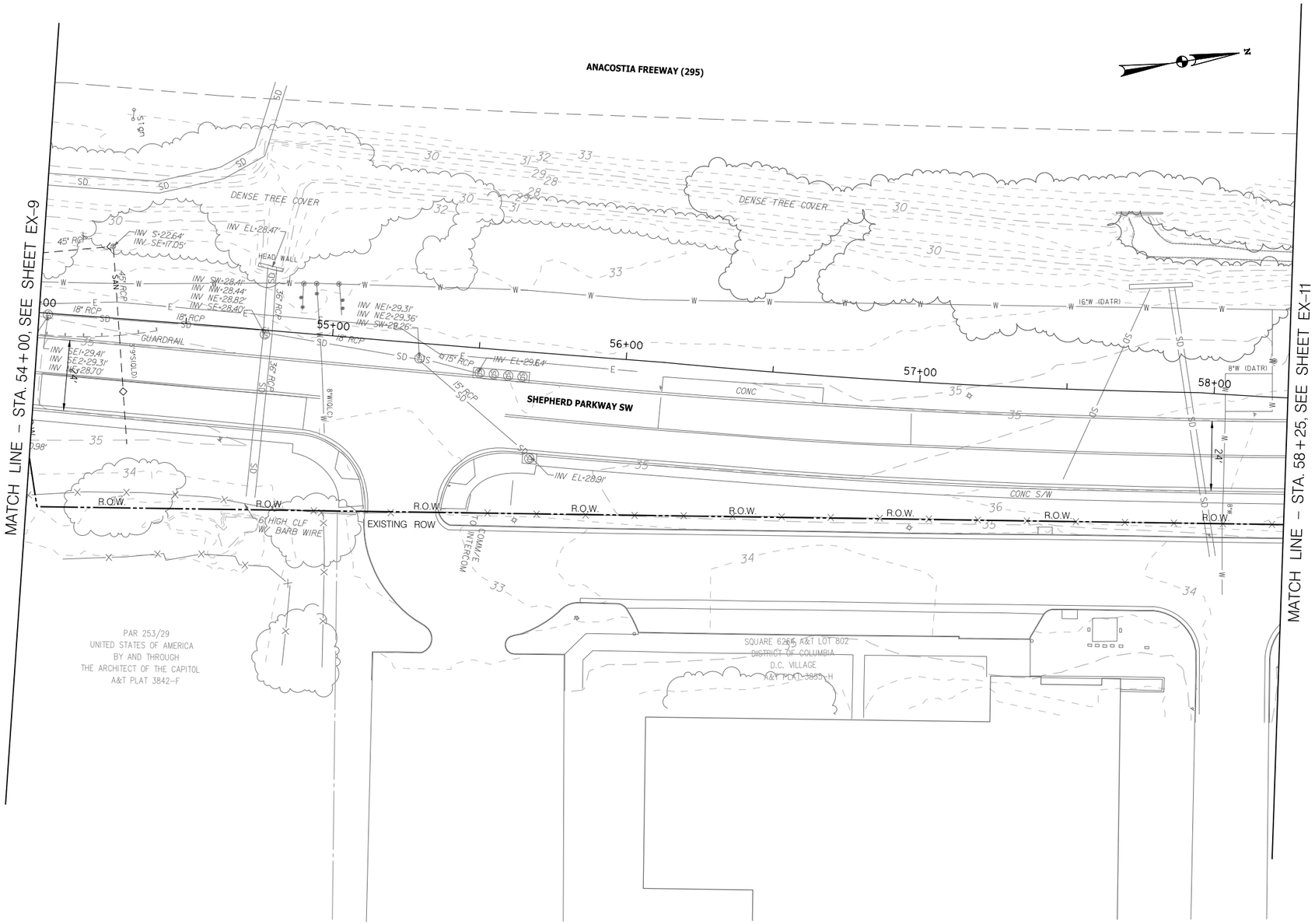
NO	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pT0-E009_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	25	576



20′ 0 20′ 40′

SCALE: 1"=20′

EX–10

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 25 OF 576

ch2m· TOOLE DESIGN

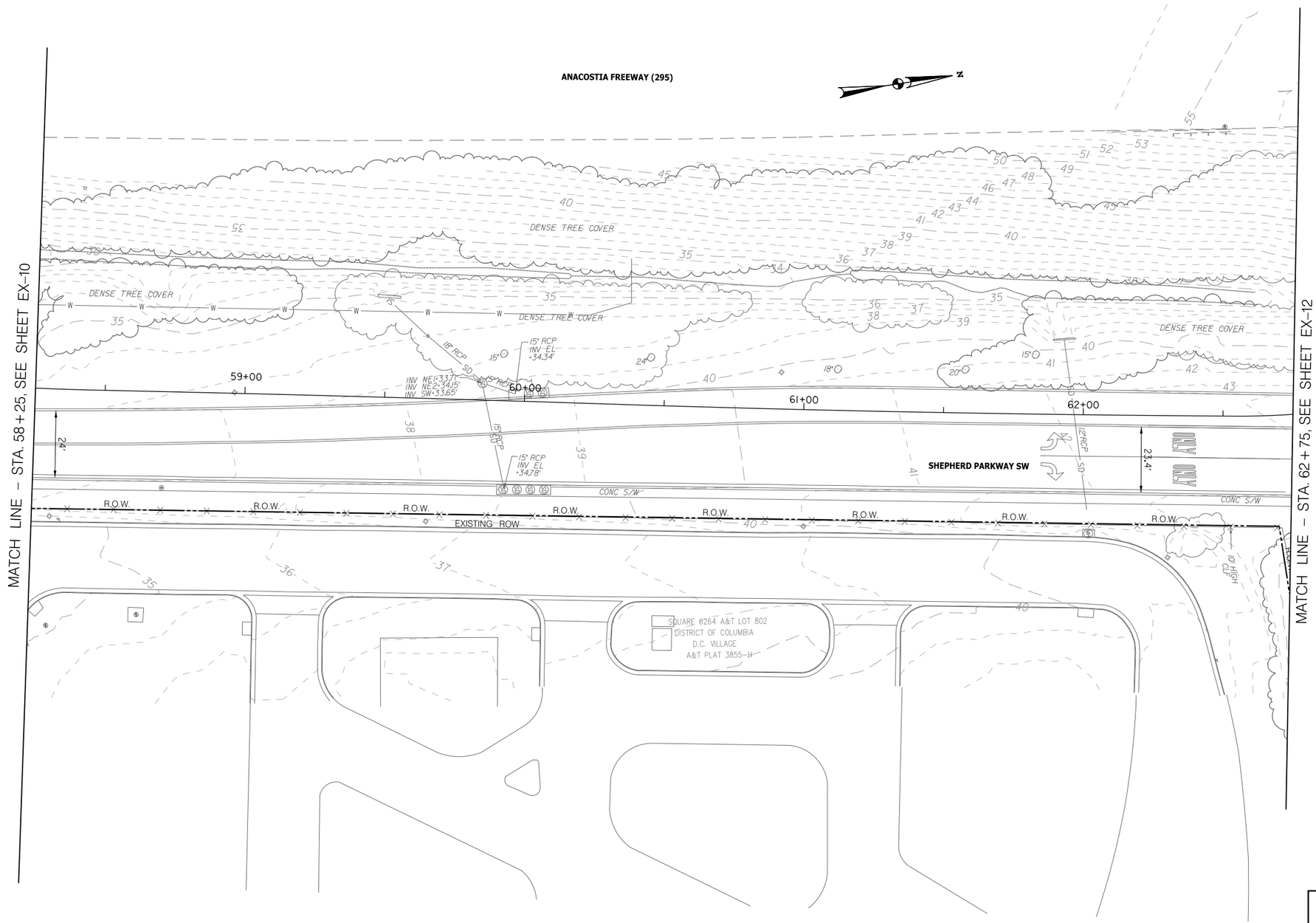
NO	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
DARLENE SMOKES
NO. PE007706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pTO-E010_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	26	576



EX–11

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 26 OF 576

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ch2m TOOLE DESIGN

DISTRICT OF COLUMBIA
DARIUS D. SMOAK
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pT0-E011_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	27	576

MATCH LINE – STA. 101+50, SEE SHEET EX–13

MATCH LINE – STA. 62+75, SEE SHEET EX–11

OVERLOOK AVENUE SW

I-295 SB - ANACOSTIA FWY

I-295 NB - ANACOSTIA FWY

LABORATORY ROAD

SHEPHERD PARKWAY SW

I-295 SB

I-295 NB

EX–12

20′ 0 20′ 40′
SCALE: 1"=20′

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 27 OF 576

ch2m· TOOLE DESIGN

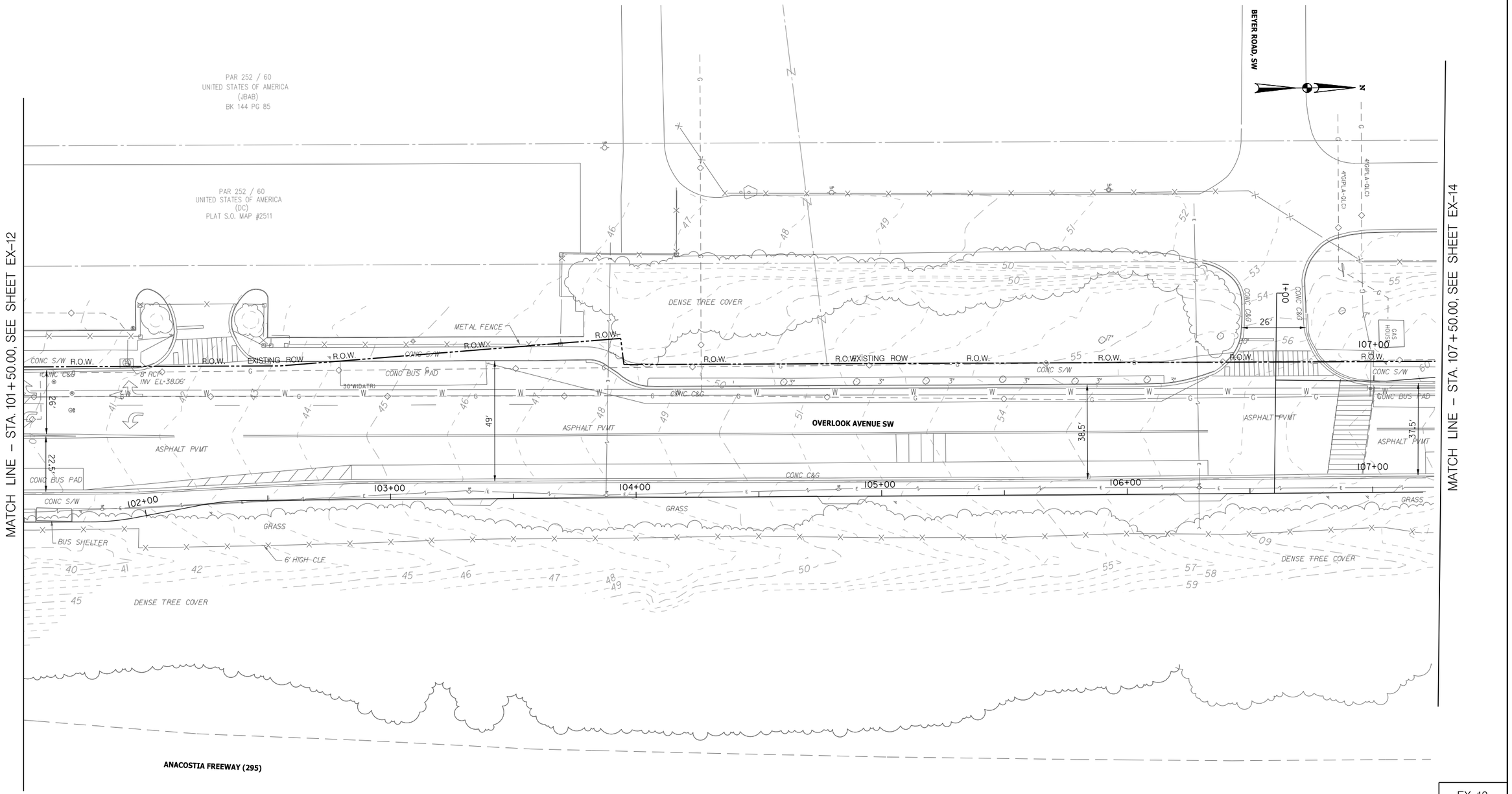
NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
CHARLOTTE M. SIMONS
NO. PE904796
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pT0-E012_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	28	576



EX–13

20′ 0 20′ 40′
SCALE: 1"=20′

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ch2m· TOOLE DESIGN

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

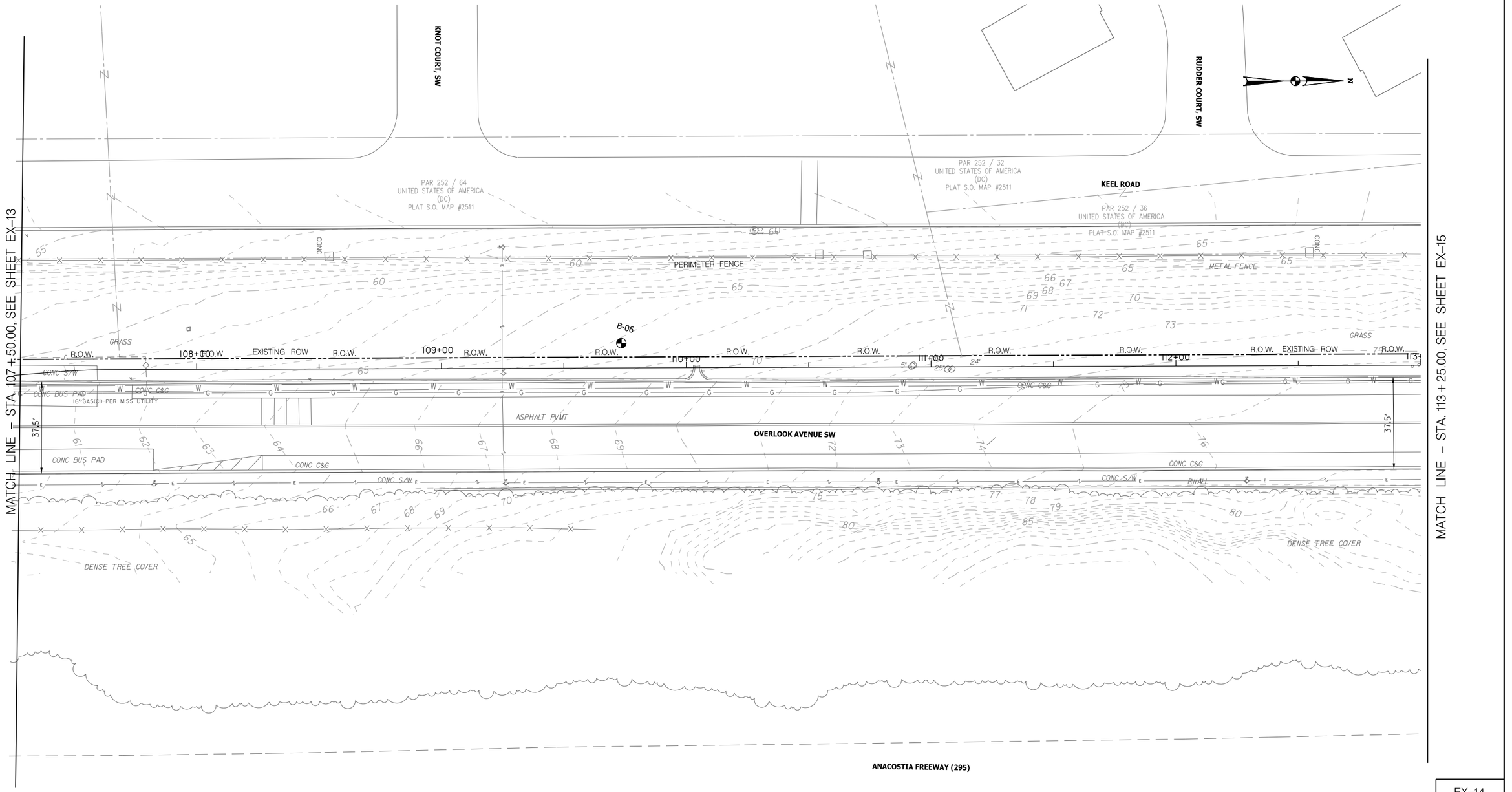
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 28 OF 576

DISTRICT OF COLUMBIA
MARLON D. SIMONS
NO. PE904782
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pT0-E013_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	29	576



EX–14

20′ 0 20′ 40′
SCALE: 1"=20′

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ch2m· TOOLE DESIGN

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

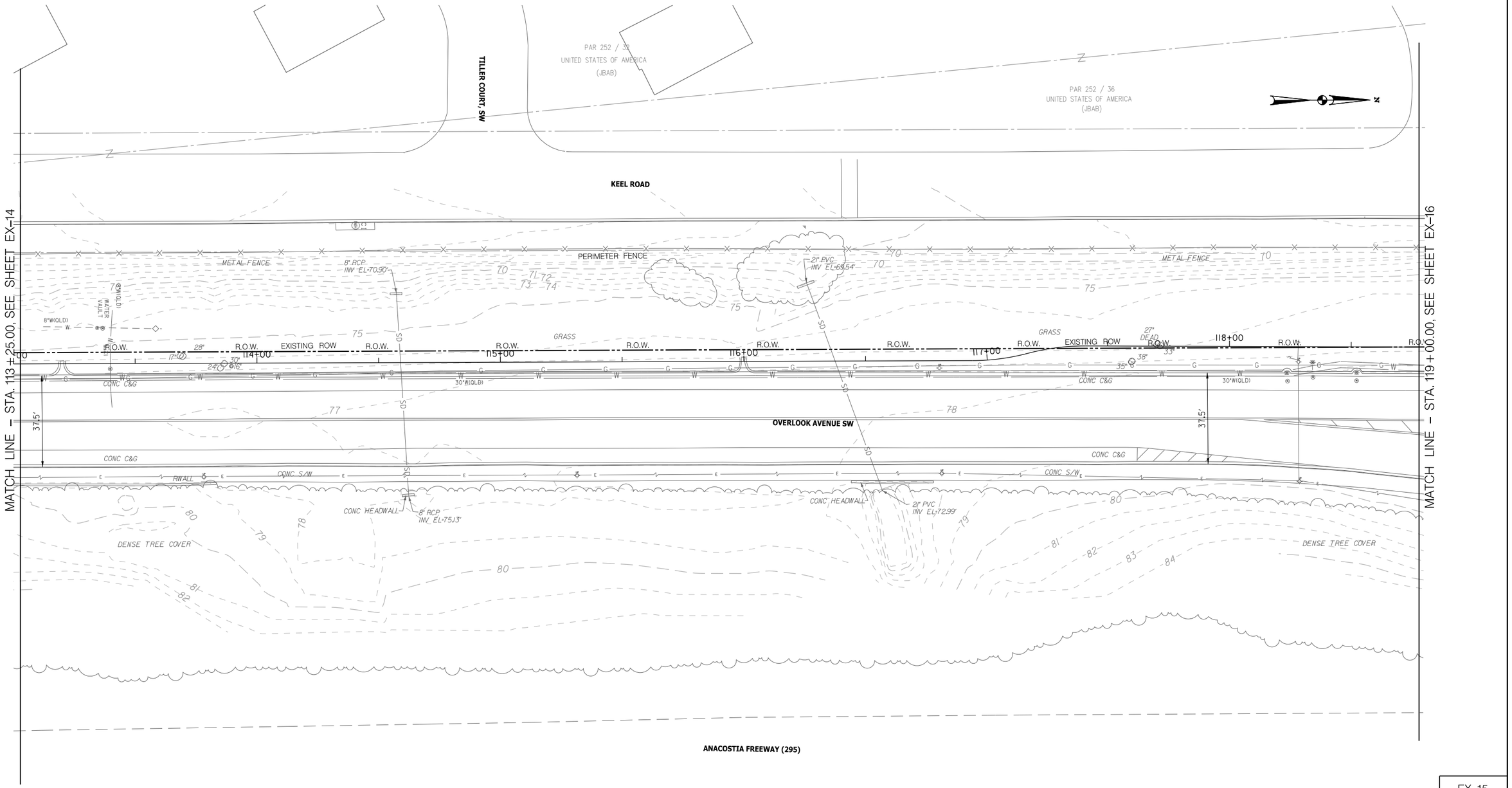
FILE

SHEET 29 OF 576

DISTRICT OF COLUMBIA
MARION G. SMOLA
NO. PE901706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pT0-E014_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	30	576



EX–15

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 30 OF 576

20' 0 20' 40'
SCALE: 1"=20'

NO	DESCRIPTION	NAME	DATE

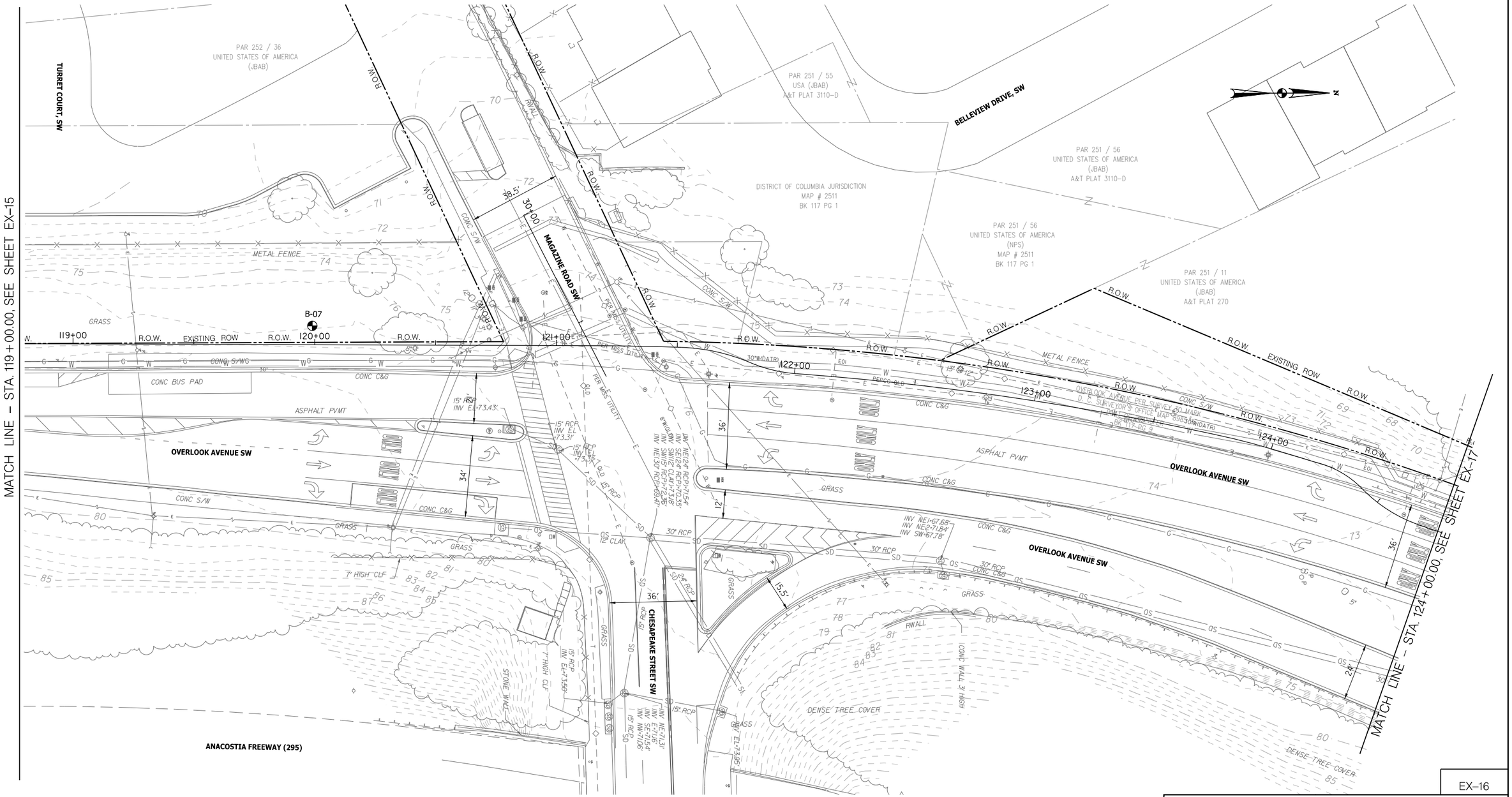
REVISIONS

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE904706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pT0-E015_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	31	576



20′ 0 20′ 40′
SCALE: 1"=20'

DISTRICT OF COLUMBIA
RAMLON G. SIMONS
NO. PE901760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

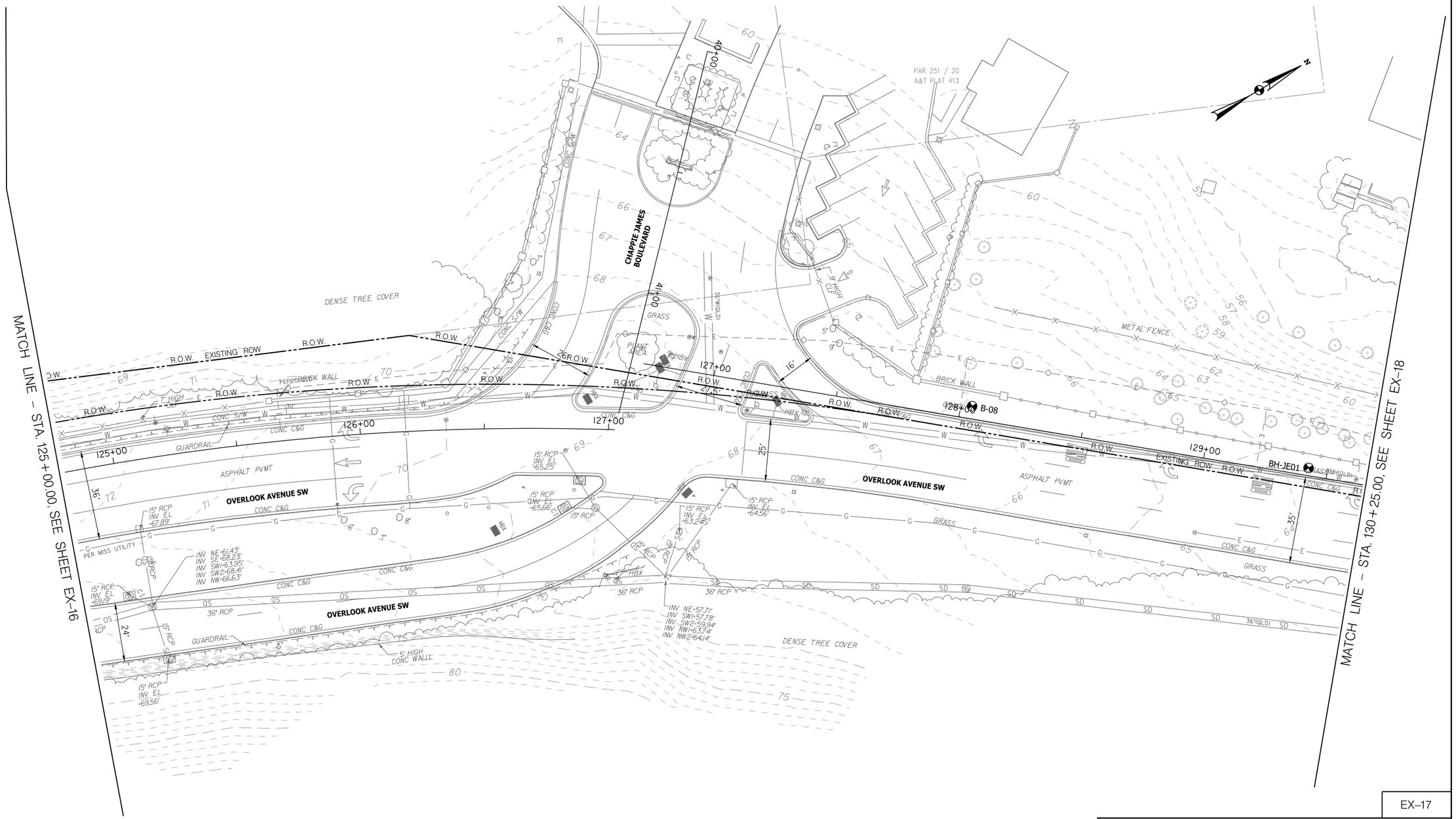
EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 31 OF 576

pT0-E016_SCST-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	32	576



EX–17

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 32 OF 576

20′ 0 20′ 40′
SCALE: 1"=20′

NO	DESCRIPTION	NAME	DATE

REVISIONS

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE904706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

DTO-E017_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	33	576

EX–18

SCALE: 1"=20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 33 OF 576

ch2m· TOOLE DESIGN

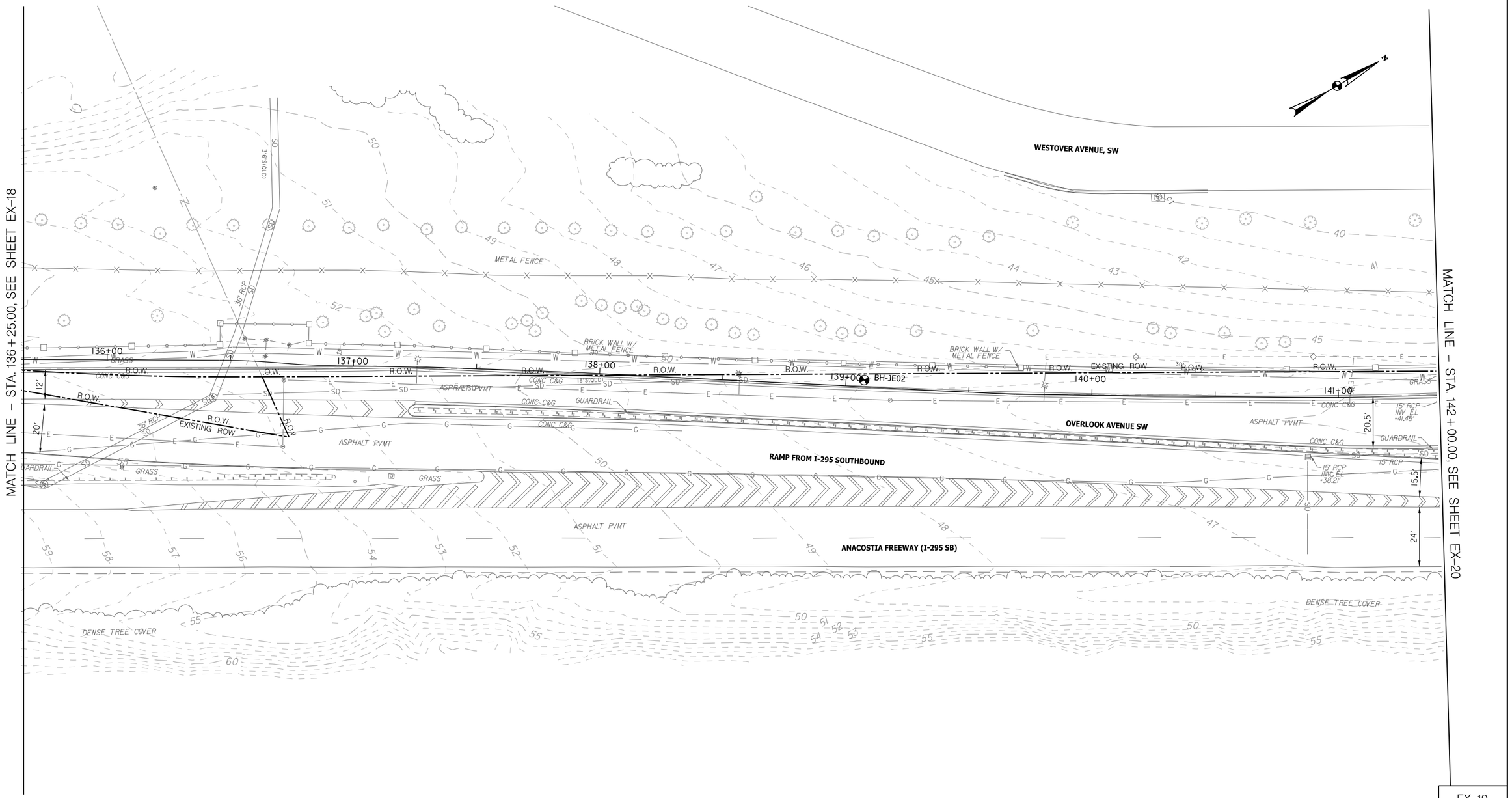
NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
RAMON G. SMOAK
NO. PE014176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pT0-E018_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	34	576



EX–19

20′ 0 20′ 40′
SCALE: 1"=20′

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 34 OF 576

ch2m· TOOLE DESIGN

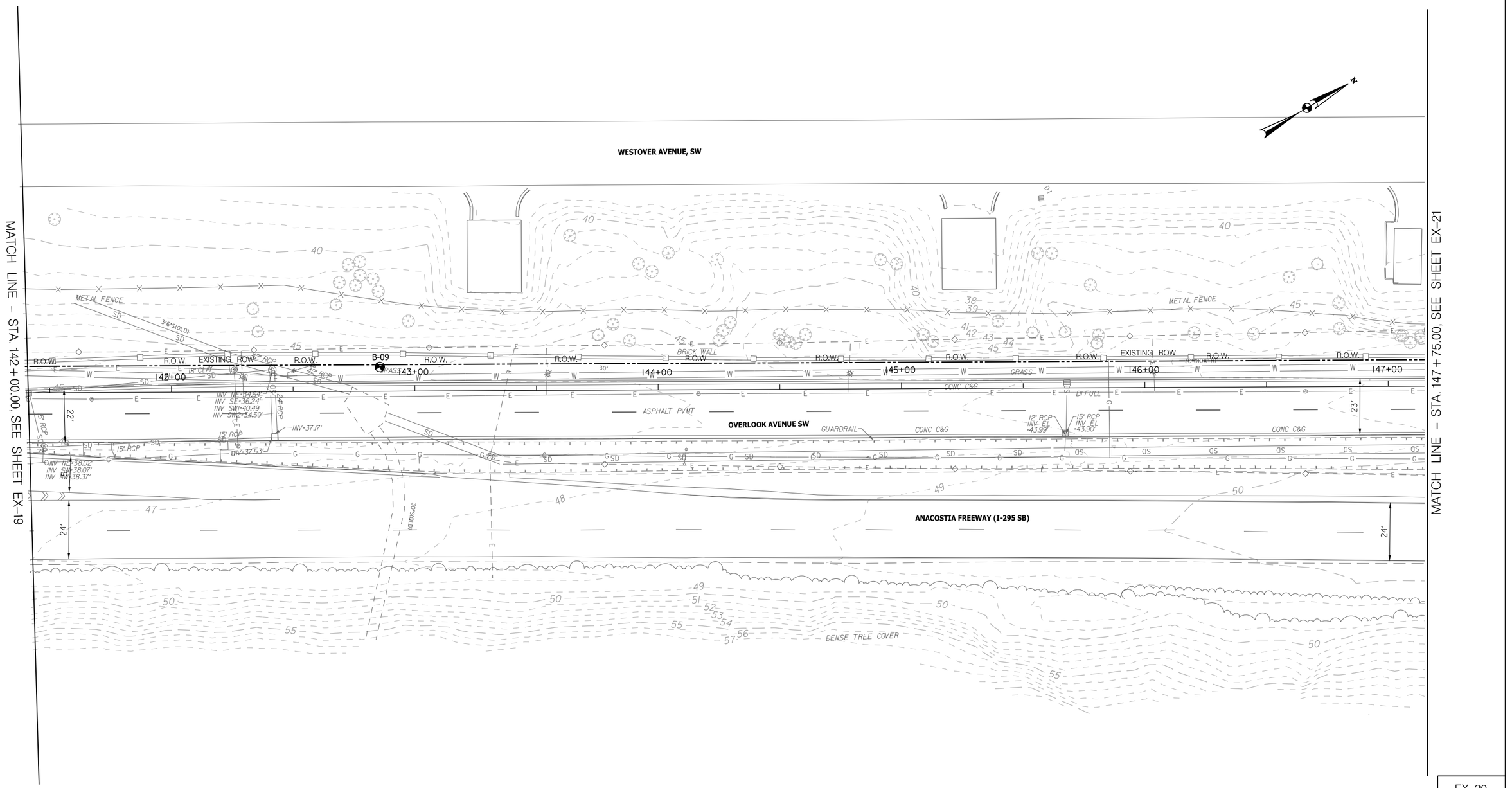
NO	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
MARLON D. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

PTO-E019_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	35	576



EX–20

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 35 OF 576

NO	DESCRIPTION	NAME	DATE

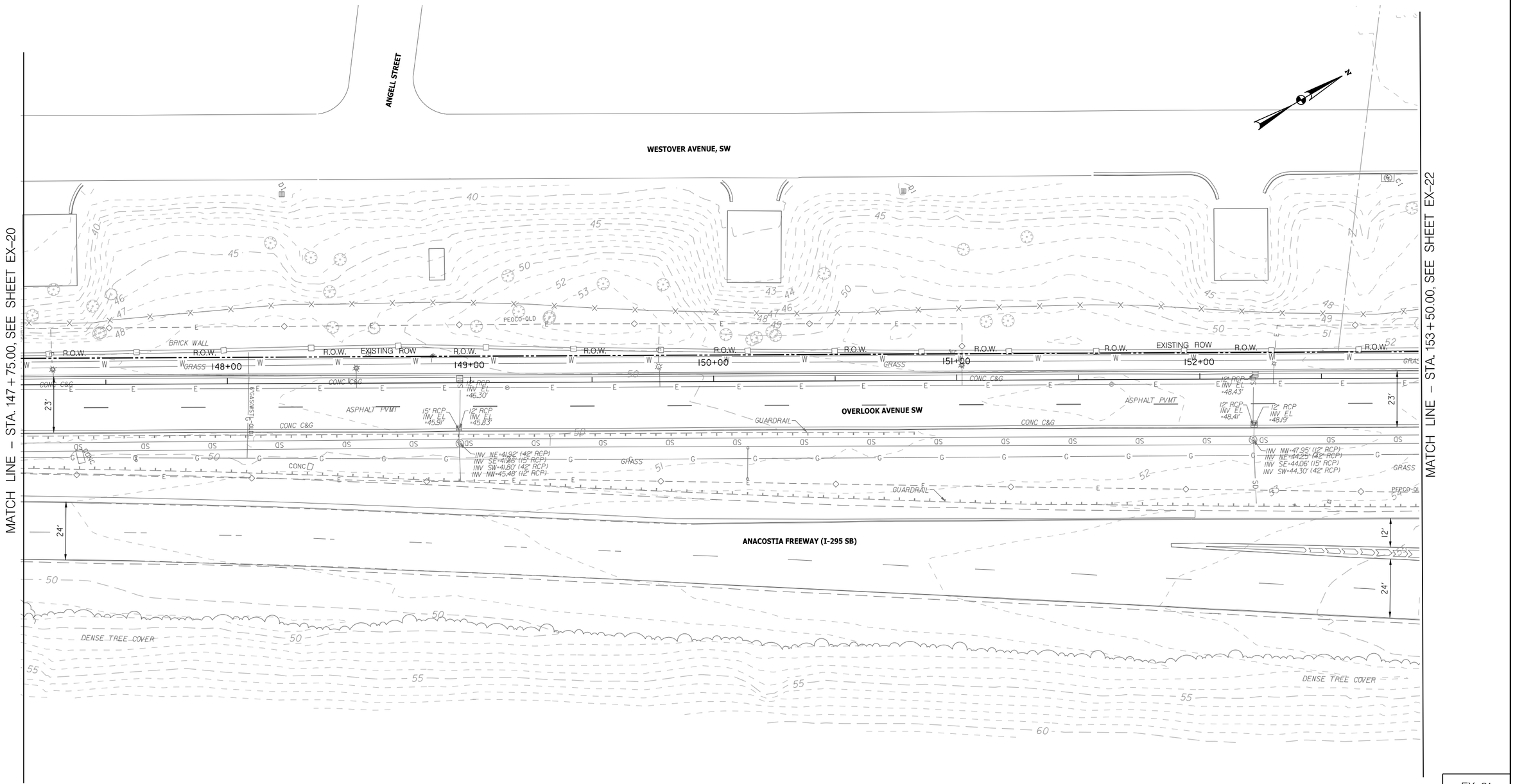
REVISIONS

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
SHARLON A. SIMONS
NO. PE904706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pT0-E020_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	36	576



EX–21

20' 0 20' 40'
SCALE: 1"=20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 36 OF 576

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

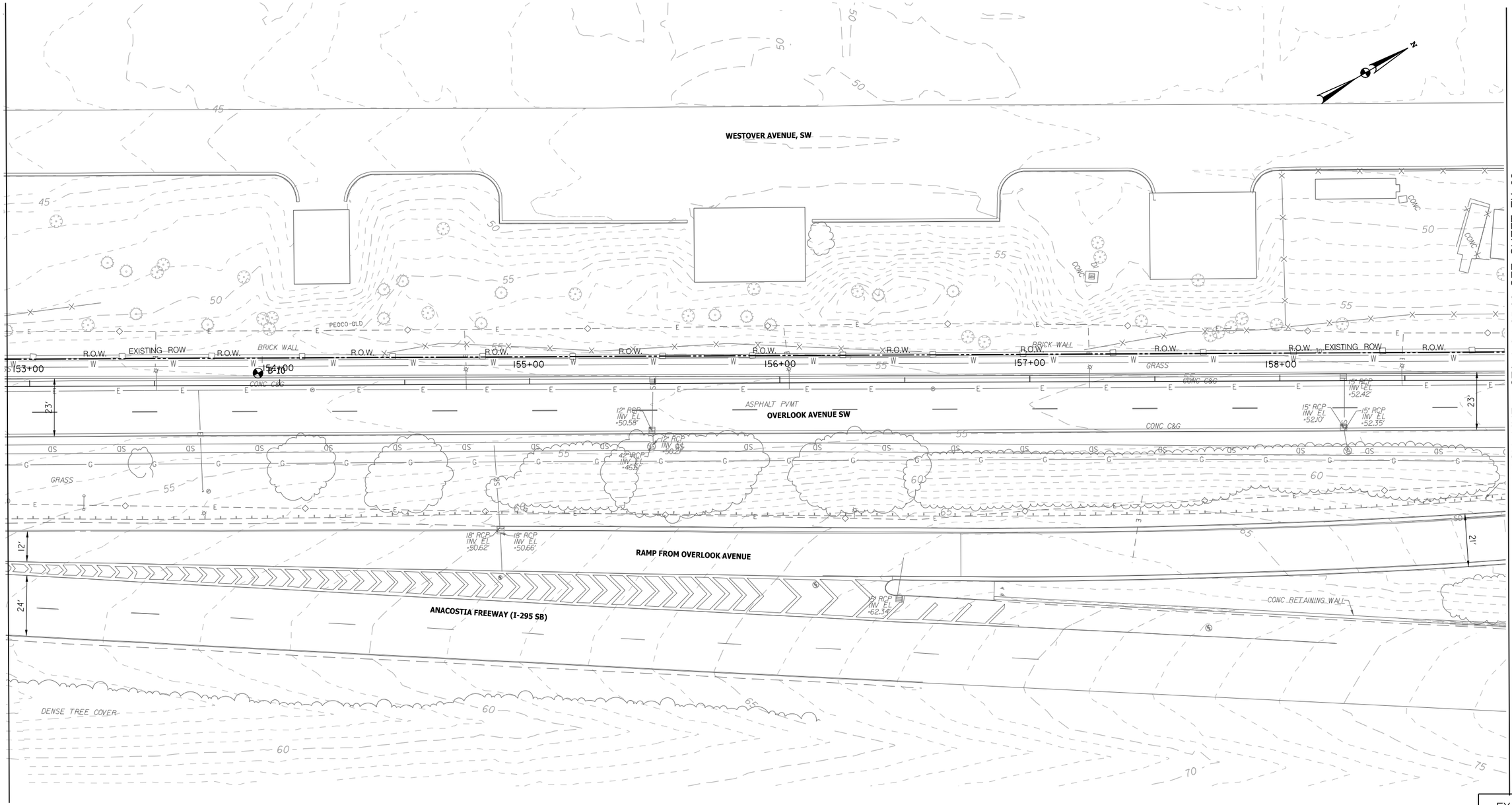
DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pT0-E02l_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	37	576

MATCH LINE – STA. 153+50.00, SEE SHEET EX-21

MATCH LINE – STA. 159+25.00, SEE SHEET EX-23



EX–22

20′ 0 20′ 40′
SCALE: 1"=20′

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

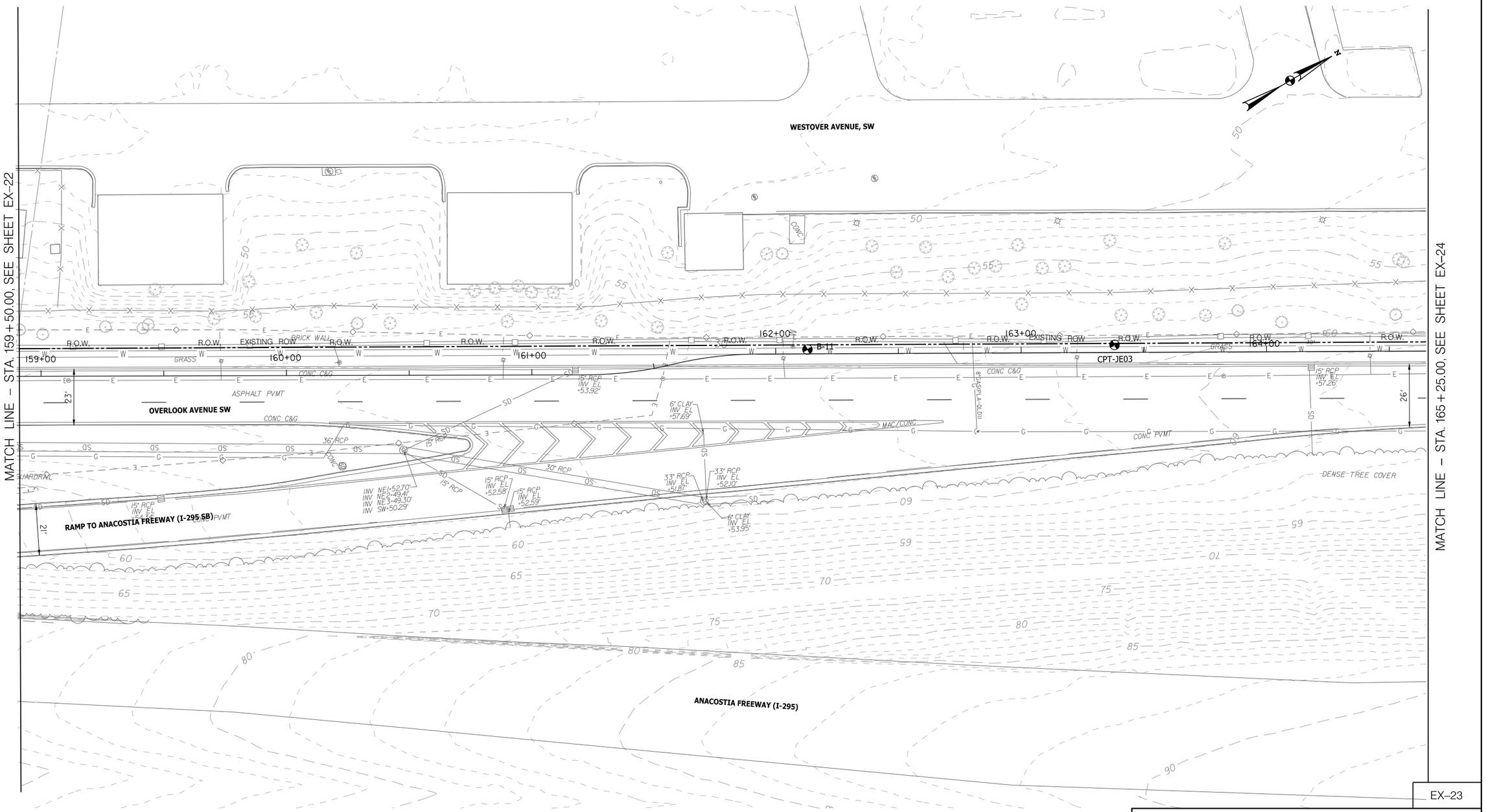
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 37 OF 576

DISTRICT OF COLUMBIA · SHARON D. SMOKE · NO. PE904706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

pTO-E022_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	38	576



EX–23

20′ 0 20′ 40′
SCALE: 1"=20′

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 38 OF 576

ch2m· TOOLE DESIGN

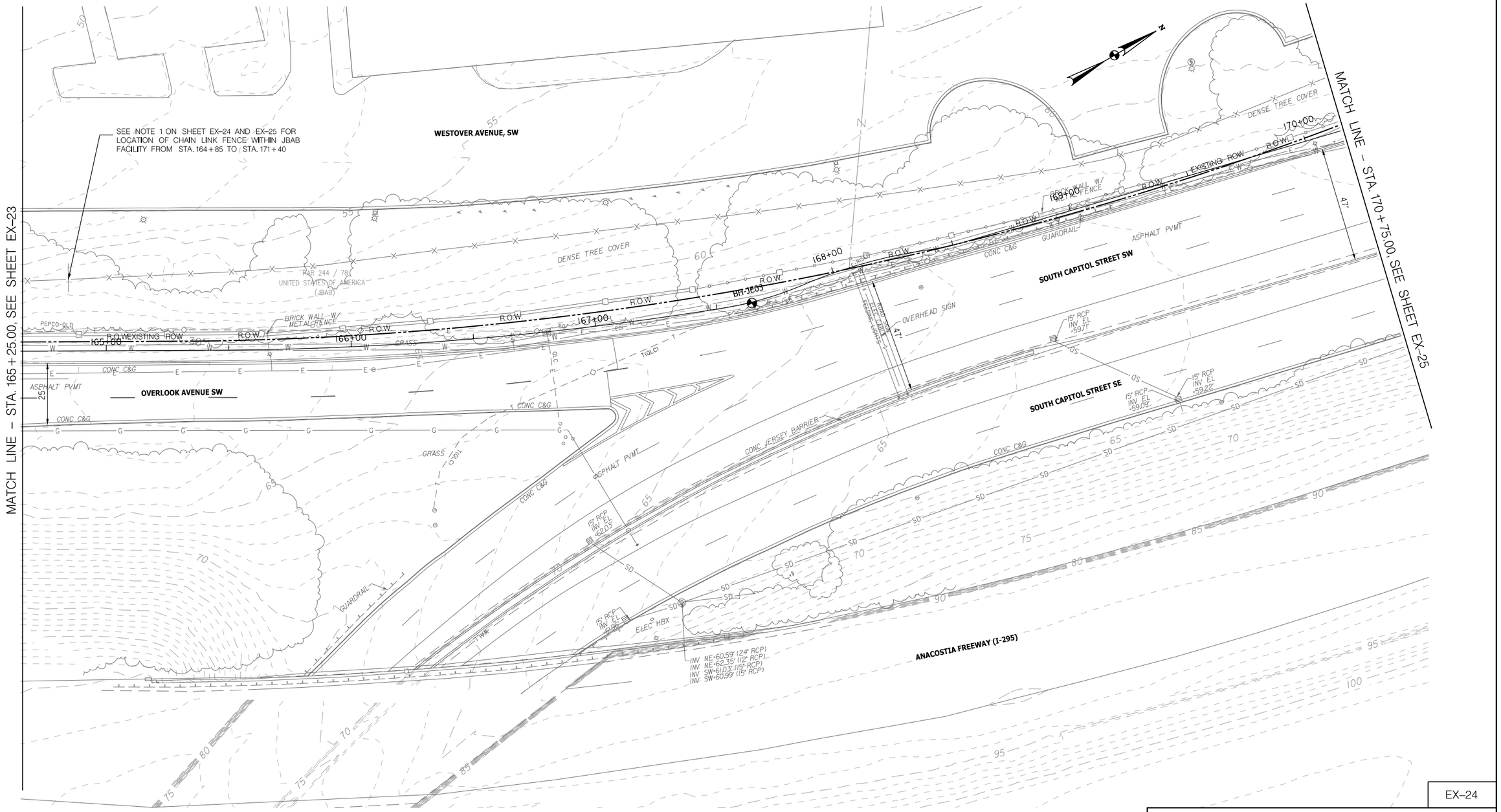
NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
MARION G. SMOAK
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

PTO-E023_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	39	576



NOTE:
1) DURING THE CONSULTANT'S SITE VISIT, THE LOCATION OF CHAIN LINK FENCE AT JBAB FACILITY FROM STA. 164+85 TO STA. 171+40 WERE INCONSISTENT WITH THE SURVEY. THE FENCE LAYOUT BETWEEN THE ABOVE STATIONS IS APPROXIMATED BASED ON THE AERIAL IMAGERY. IT IS RECOMMENDED THE CONTRACTOR PERFORM THE TOPO SURVEY TO IDENTIFY THE CORRECT FENCE LAYOUT AT THIS STATION LIMITS.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
SHARLON D. SINCLAIR
NO. PE904756
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

EX–24

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

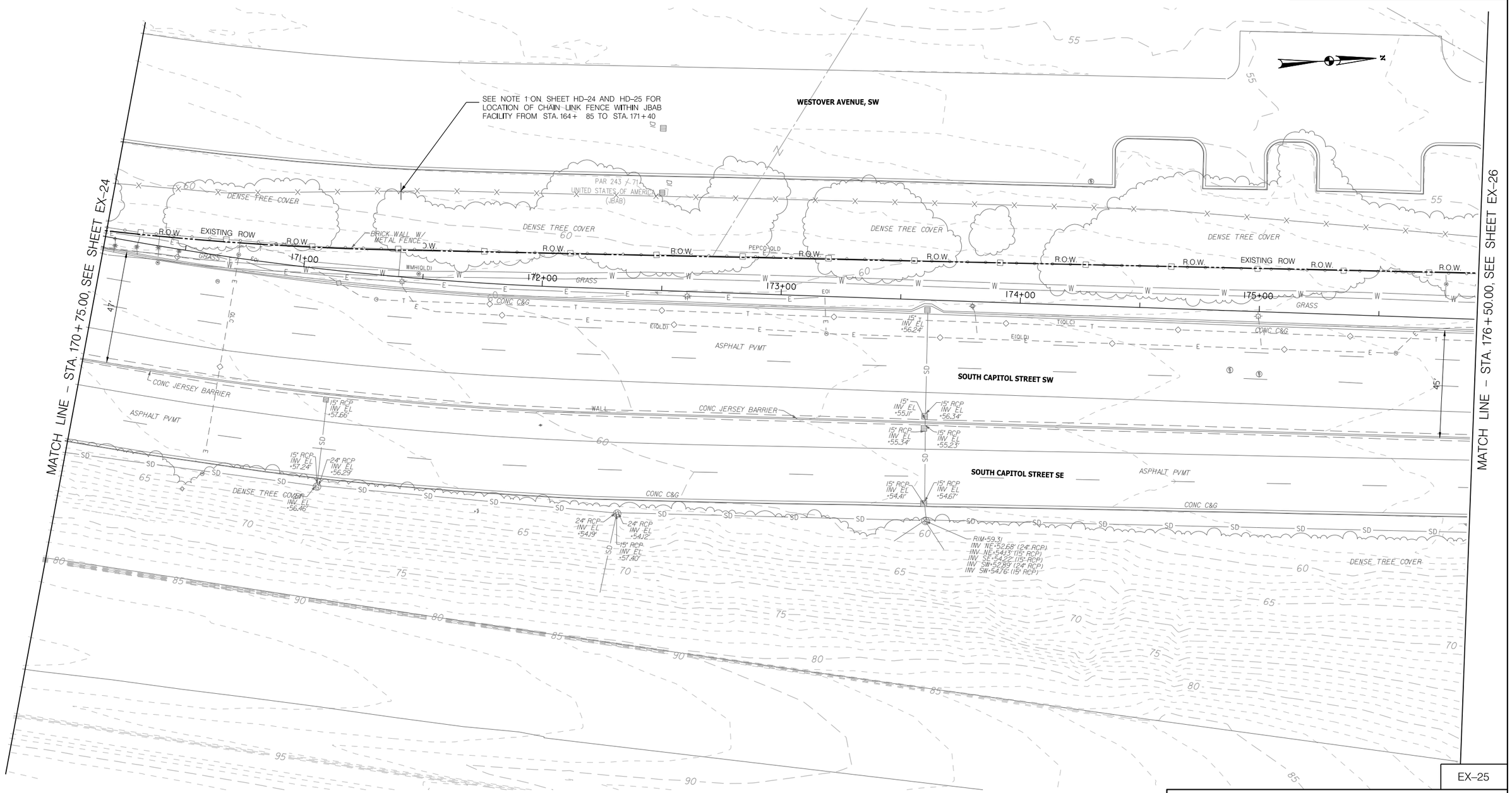
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	39 OF 576

p10-E024_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	40	576



NOTE:
1) DURING THE CONSULTANT'S SITE VISIT, THE LOCATION OF CHAIN LINK FENCE AT JBAB FACILITY FROM STA. 164+ 85 TO STA. 171+40 WERE INCONSISTENT WITH THE SURVEY. THE FENCE LAYOUT BETWEEN THE ABOVE STATIONS IS APPROXIMATED BASED ON THE AERIAL IMAGERY. IT IS RECOMMENDED THE CONTRACTOR PERFORM THE TOPO SURVEY TO IDENTIFY THE CORRECT FENCE LAYOUT AT THIS STATION LIMITS.

DISTRICT OF COLUMBIA
CHARLON D. SIMONE
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

EX–25

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

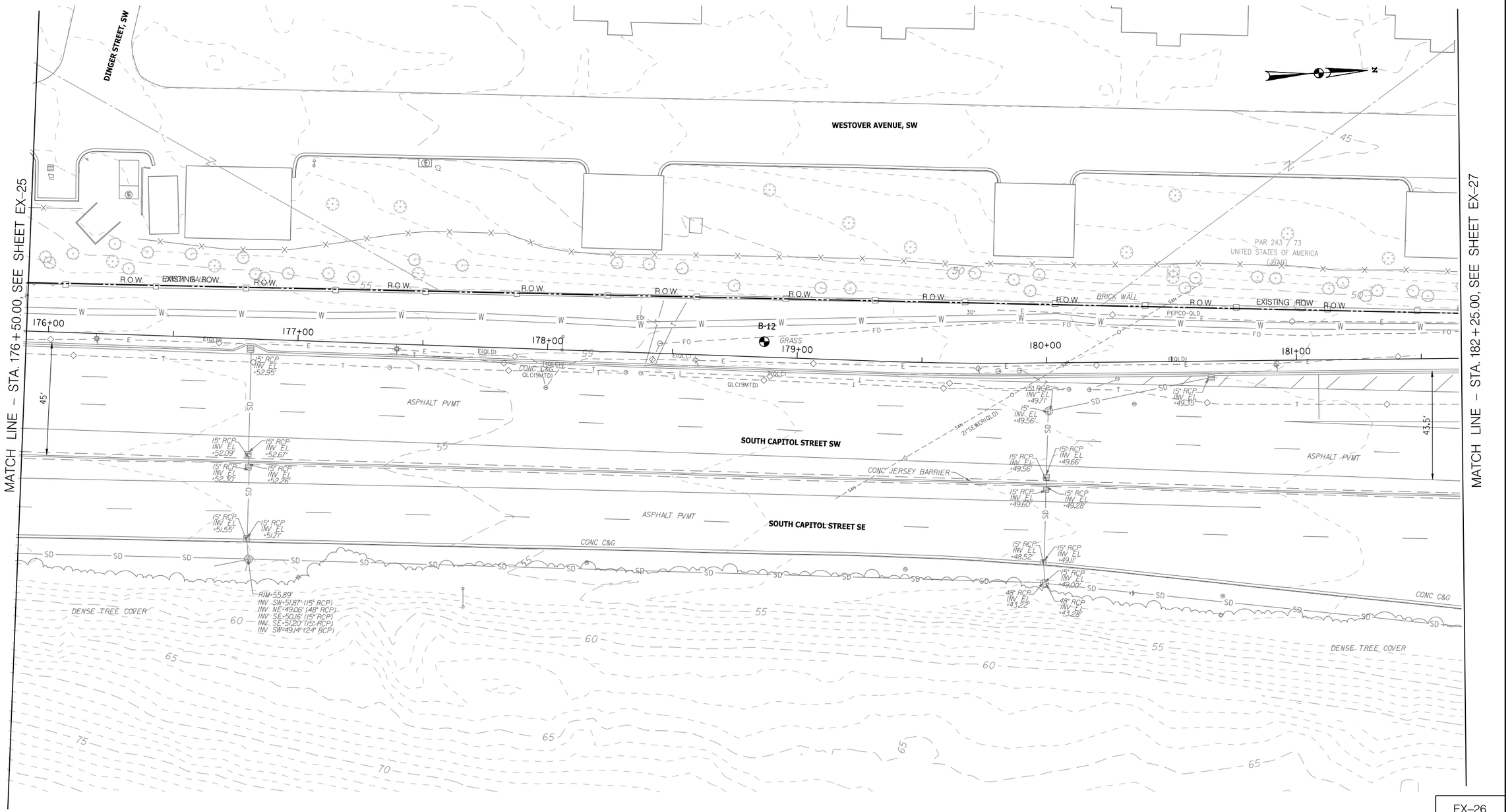
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	40 OF 576

pTO-E025_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	41	576



EX–26

20' 0 20' 40'
SCALE: 1"=20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 41 OF 576

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
CHARLON B. SIMONE
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pT0-E026.SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	42	576

MATCH LINE – STA. 182+25.00, SEE SHEET EX-26

MATCH LINE – STA. 188+00.00, SEE SHEET EX-28

WESTOVER AVENUE, SW

SOUTH CAPITOL STREET SW

SOUTH CAPITOL STREET SE

RAMP FROM MALCOLM X AVENUE SE

RAMP TO MALCOLM X AVENUE SE

182+00 183+00 184+00 185+00 186+00 187+00

BH-JE04 B-13 CPT-JE04

EXISTING ROW R.O.W. BRICK WALL GRASS CONC C&G ASPHALT PVMT CONC PVMT CONC JERSEY BARRIER WALL RWALL GUARDRAIL CONC SW CONC BUS PAD DENSE TREE COVER

15" RCP INV EL +42.91' (IN)
15" RCP INV EL +35.65' (IN)
15" RCP INV EL +35.64' (OUT)
15" RCP INV EL +46.84' (IN)
15" RCP INV EL +46.34' (IN)
RIM-49.93' INV NE-46.35' (15" RCP) IN SE-46.37' (15" RCP)
RIM-50.55' INV NW-43.95' (15" RCP) INV NE-38.52' (48" RCP) INV SE-39.73' (24" CMP) INV SW-38.57' (48" RCP)
15" RCP INV EL +45.49' (IN)
15" RCP INV EL +36.13' (IN)
15" RCP INV EL +36.26' (OUT)

QLC(9MTD) QLC(18-D(2-9MTD)) QLC(18-D(2-9MTD))

22.5' 44.7' 26.5' 23.5'

20' 0 20' 40'
SCALE: 1"=20'

EX-27

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 42 OF 576

ch2m· TOOLE DESIGN

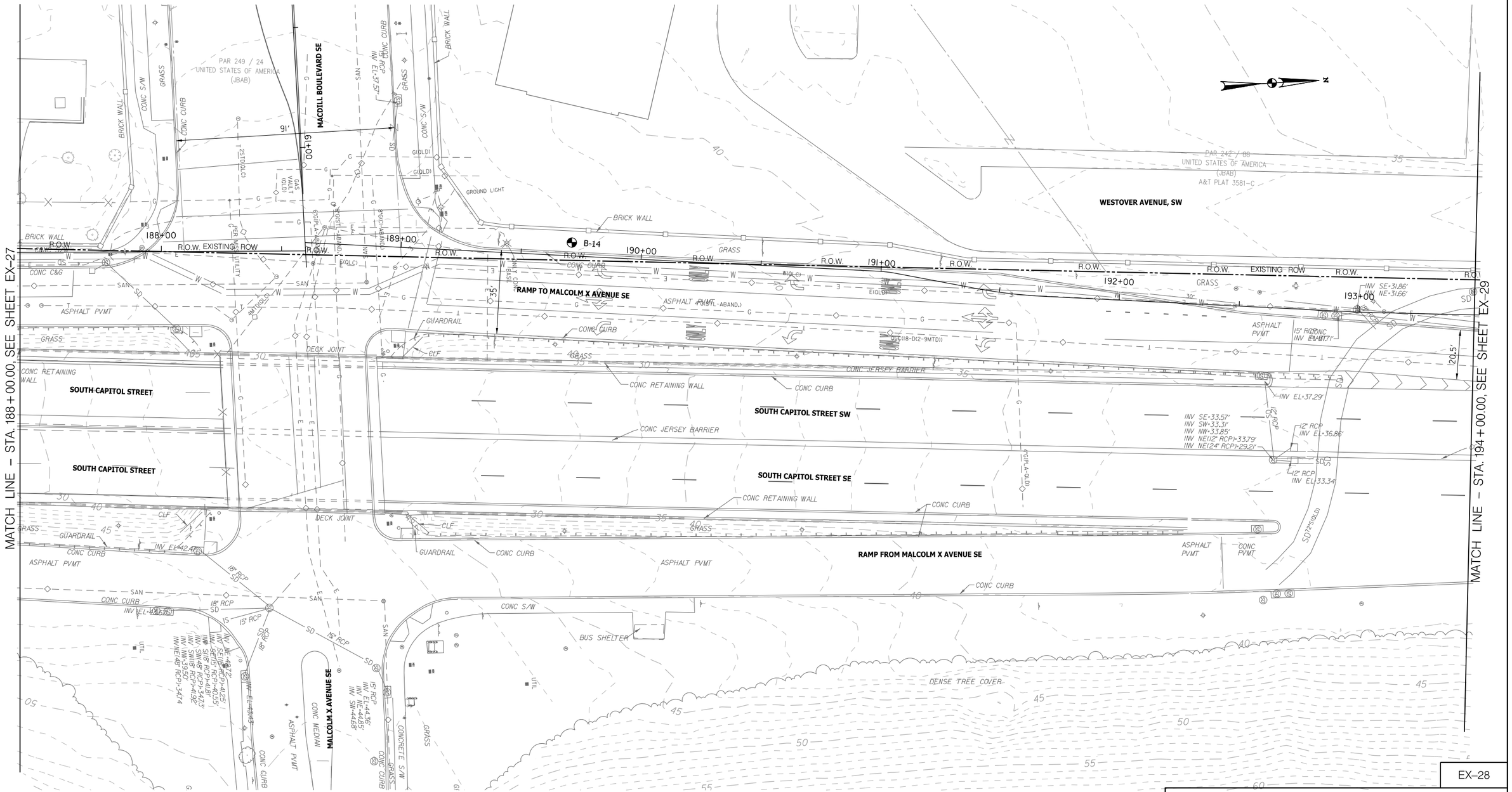
NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
MARLON D. SIMONS
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pT0-E027_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	43	576



EX–28

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 43 OF 576

ch2m· TOOLE DESIGN

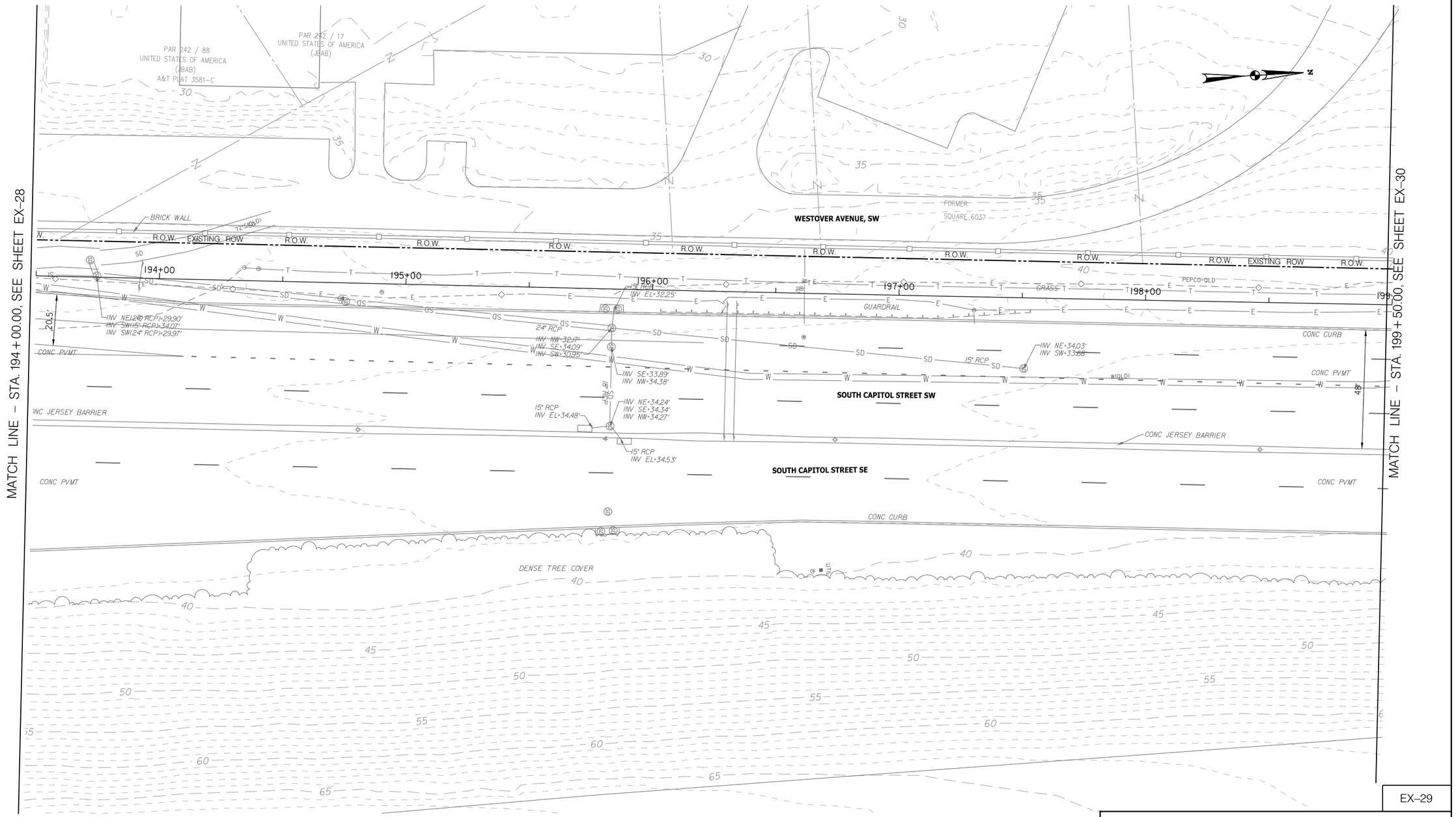
NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
HAMILTON G. SMOAK
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pTO-E028_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	44	576



EX–29

20′ 0 20′ 40′
SCALE: 1"=20′

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 44 OF 576

ch2m· TOOLE DESIGN

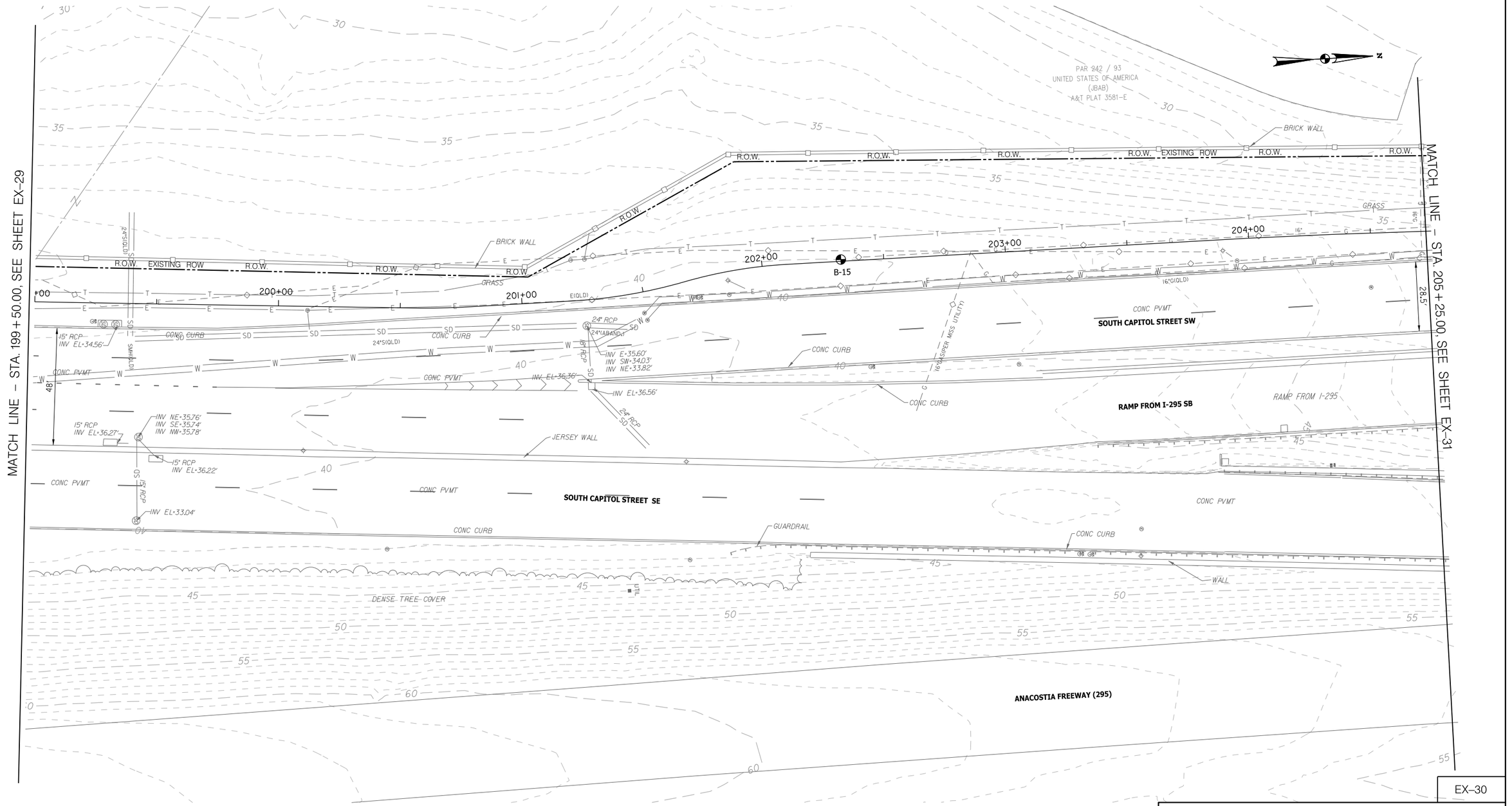
NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
CARLON D. SIMONS
NO. PE009736
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pT0-E029.SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	45	576



20′ 0 20′ 40′
SCALE: 1"=20'

EX–30

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 45 OF 576

ch2m· TOOLE DESIGN

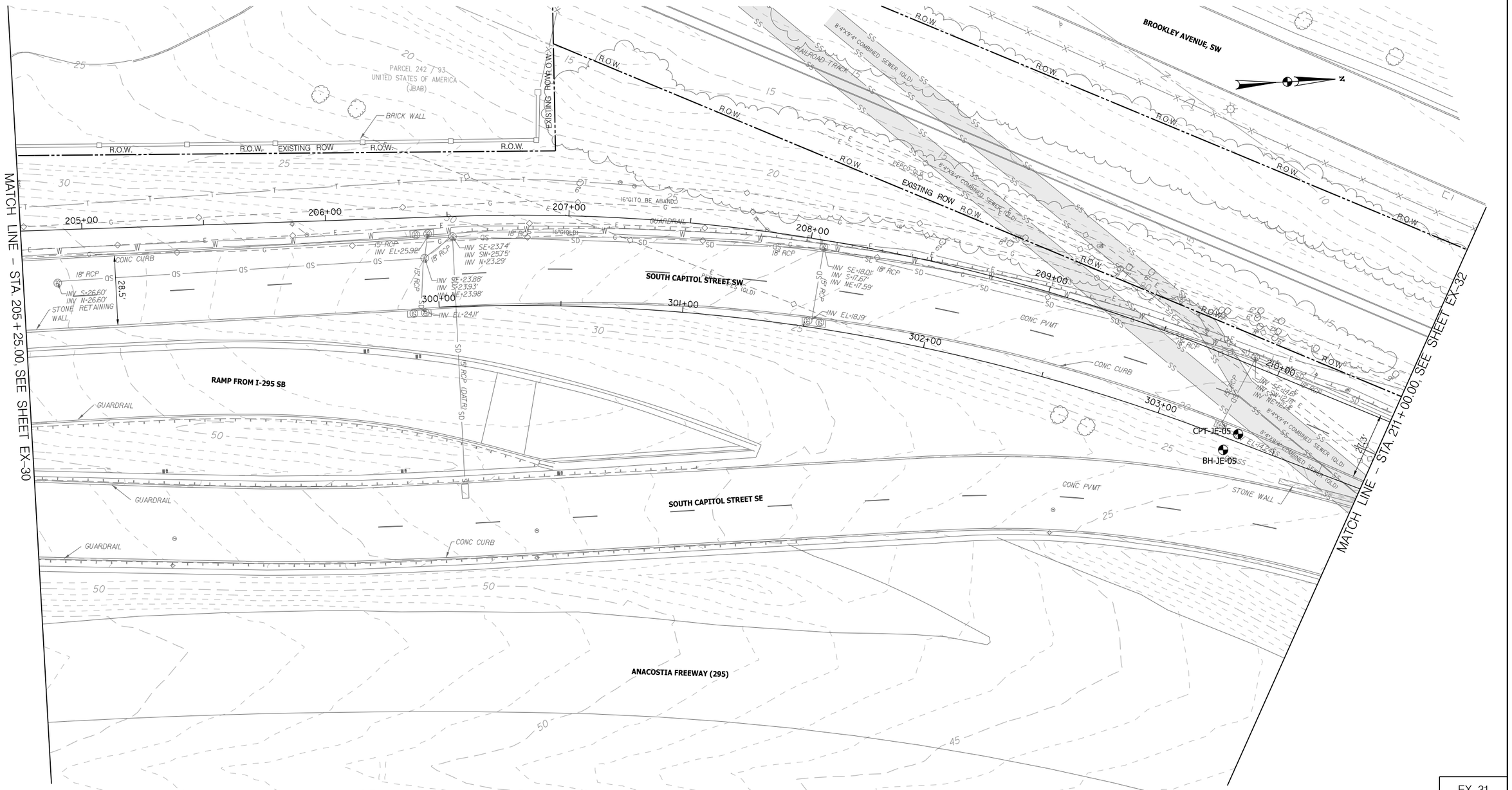
NO	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
SHARLON A. SIMONS
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pT0-E030_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	46	576



EX–31

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 46 OF 576

20' 0 20' 40'
SCALE: 1"=20'

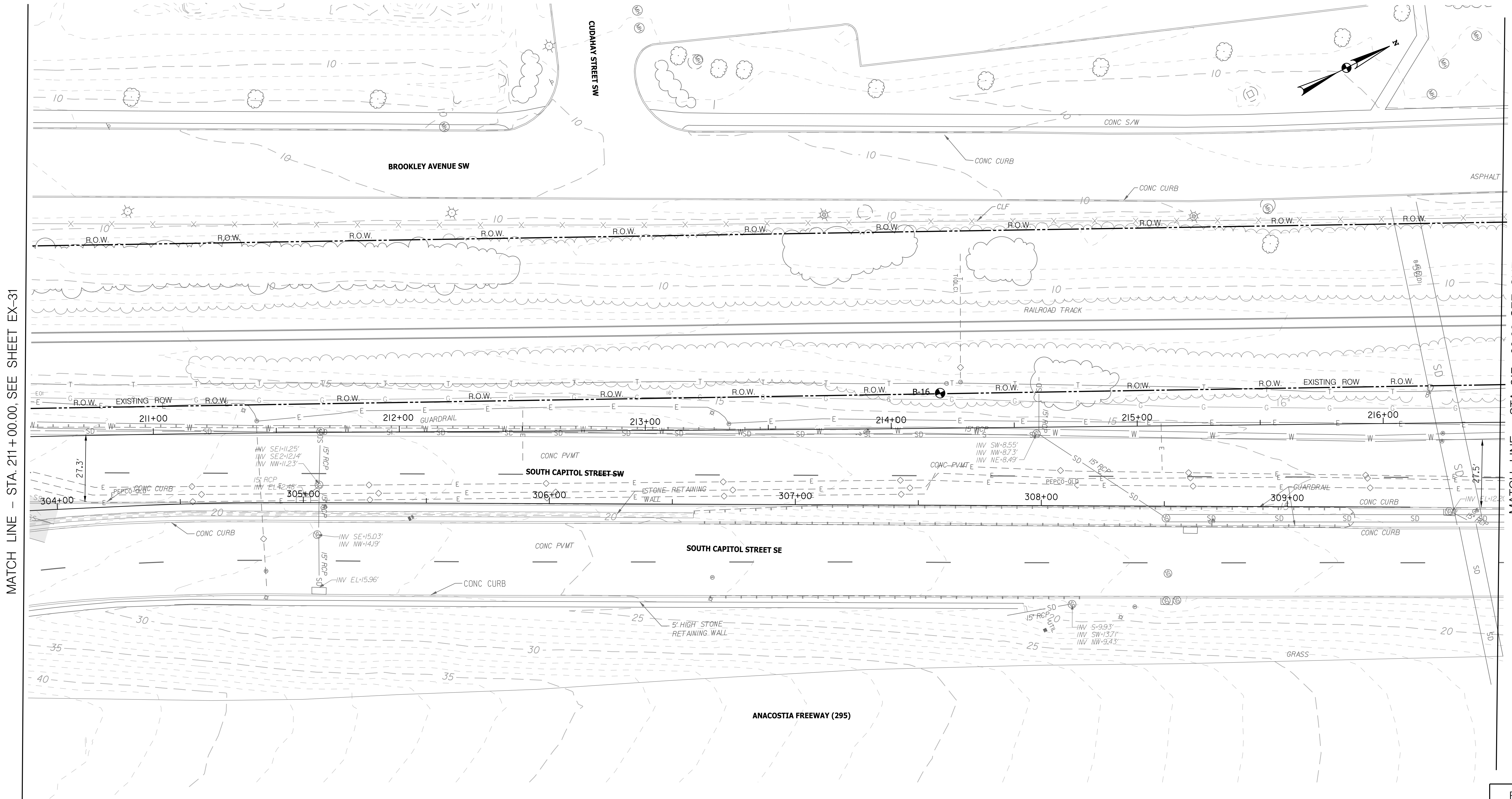
NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE904176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pTO-E031_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	47	576



20' 0 20' 40'
SCALE: 1"=20'

EX–32

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY GP
PROJECT MGR. MS

DIVISION CHIEF

EXISTING CONDITIONS PLAN

DATE
FILE
SHEET 47 OF 576

DISTRICT OF COLUMBIA · MARLON D. SMOKER · NO. PE904705 · 3-31-2026 · REGISTERED · PROFESSIONAL ENGINEER

pTO-E032_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	48	576

MATCH LINE – STA. 217+00.00, SEE SHEET EX-32

MATCH LINE – STA. 222+75.00, SEE SHEET EX-34

BROOKLEY AVENUE SW

SOUTH CAPITOL STREET SW

SOUTH CAPITOL STREET SE

ANACOSTIA FREEWAY (295)

CONC S/W

CONC CURB

CLF

R.O.W.

EXISTING ROW

RAILROAD TRACK

GRASS

CONC PVMT

CONCRETE PVMT

MULCH BED

Rock(s)

PEPCO PIPES (QLC)

PEPCO-QLD

9"STORM(QLC)

UTL

OHSIGN

I-295

217+00

218+00

219+00

220+00

221+00

222+00

27.5'

INV NE1=10.88'
INV NE2=10.50'
INV NE3=11.03'
INV SE=8.91'
INV SW=7.45'
INV NW=8.48'

INV SE=8.92'
INV NW=9.12'

INV EL=10.70'

INV EL=10.33'

INV SE=9.99'
INV NW=10.06'
INV NE=9.63'

INV EL=10.48'

INV SE=9.04'
INV NW=9.02'
INV EL=9.45'

INV EL=11.05'

INV NE=9.69
INV SW=6.93'

INV EL=9.77'

12" RCP

15" RCP

18" RCP

SCALE: 1"=20'

EX-33

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 48 OF 576

ch2m· TOOLE DESIGN

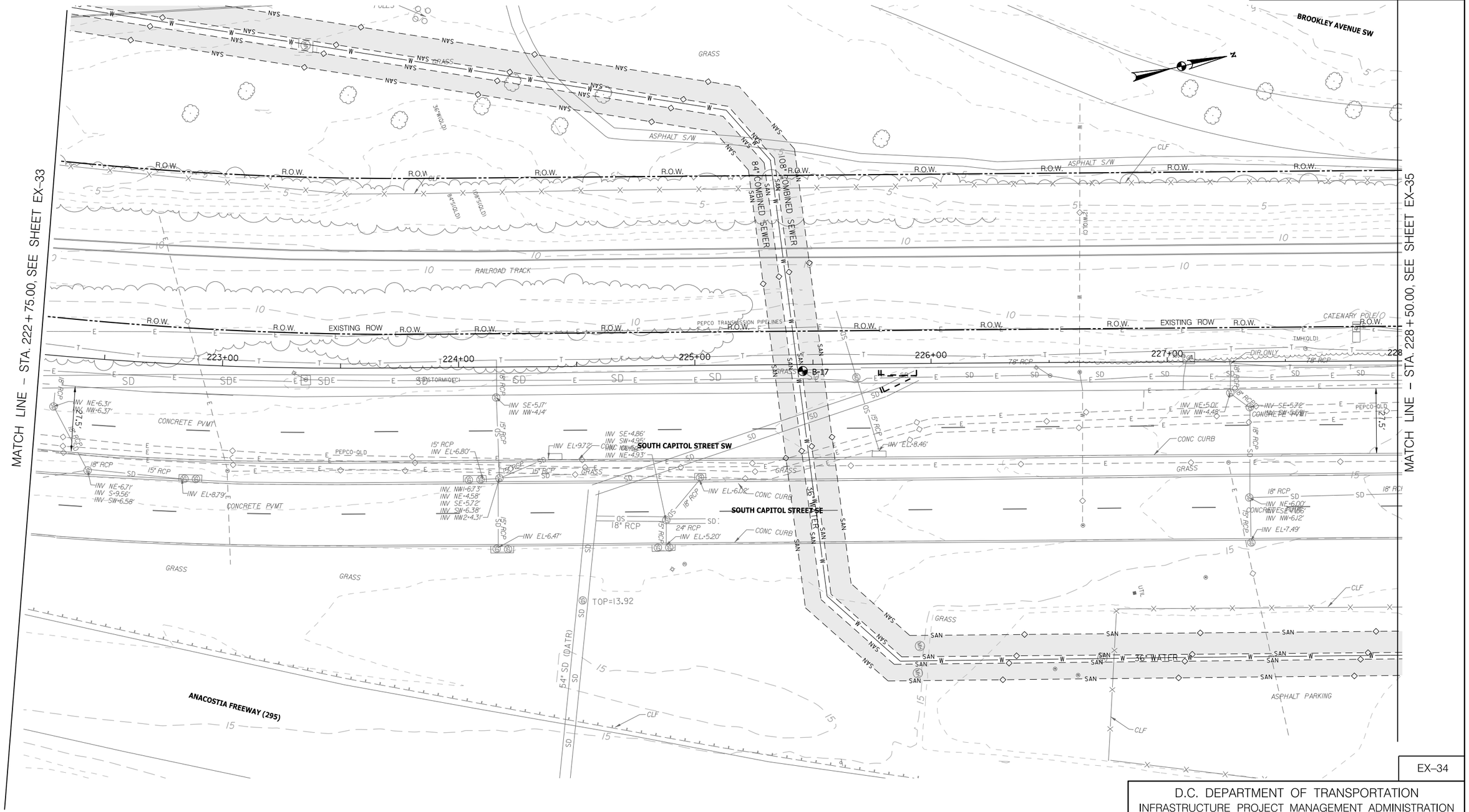
NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
SHARLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

p10-E033_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	49	576



EX–34

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 49 OF 576

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

DISTRICT OF COLUMBIA
SHARLON B. SIMONS
NO. PE904706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pTO-E034_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	50	576

MATCH LINE – STA. 228+50.00, SEE SHEET EX-34

MATCH LINE – STA. 234+50.00, SEE SHEET EX-36

BROOKLEY AVENUE SW

SOUTH CAPITOL STREET SE

EX-35

20' 0 20' 40'

SCALE: 1"=20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 50 OF 576

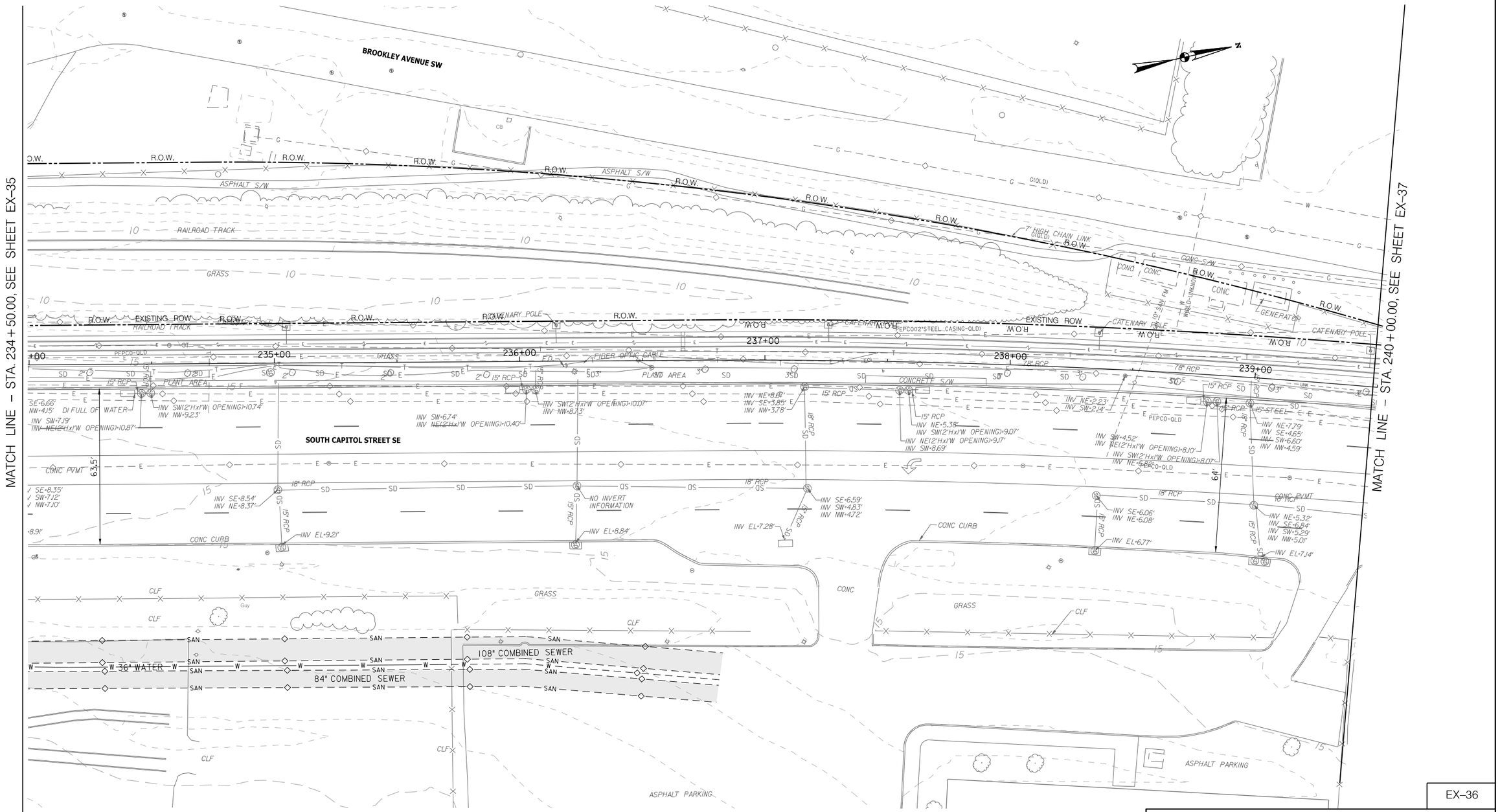
ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

DISTRICT OF COLUMBIA
CHARLON B. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pT0-E035_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	51	576



EX–36

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 51 OF 576

ch2m· TOOLE DESIGN

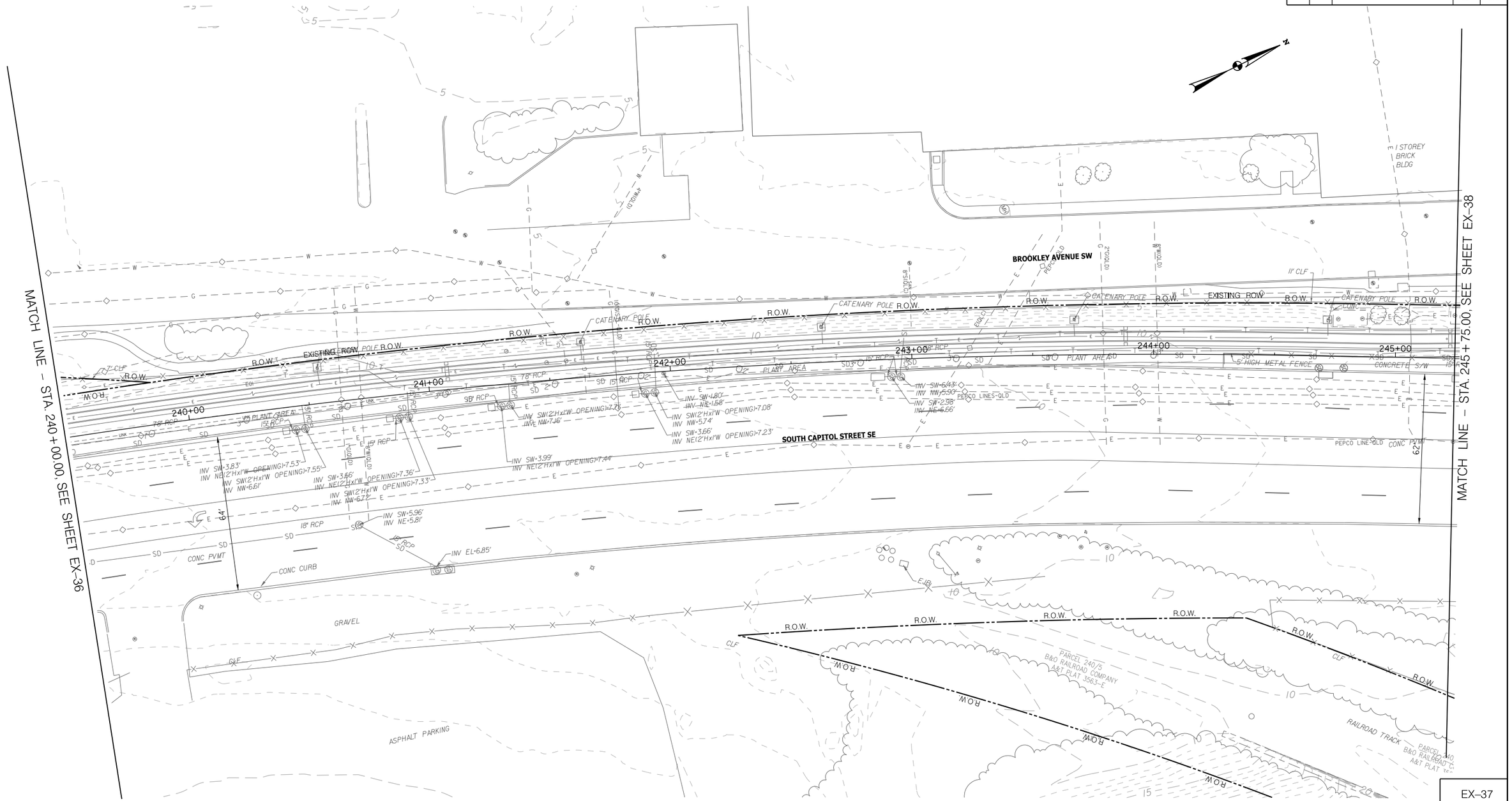
NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
MARLON G. SINCLAIR
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pTO-E036_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	52	576



20′ 0 20′ 40′
SCALE: 1"=20′

EX–37

p10-E037_SCSTrail.dgn
2/24/2026

DISTRICT OF COLUMBIA
DARLON D. SNOOKS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

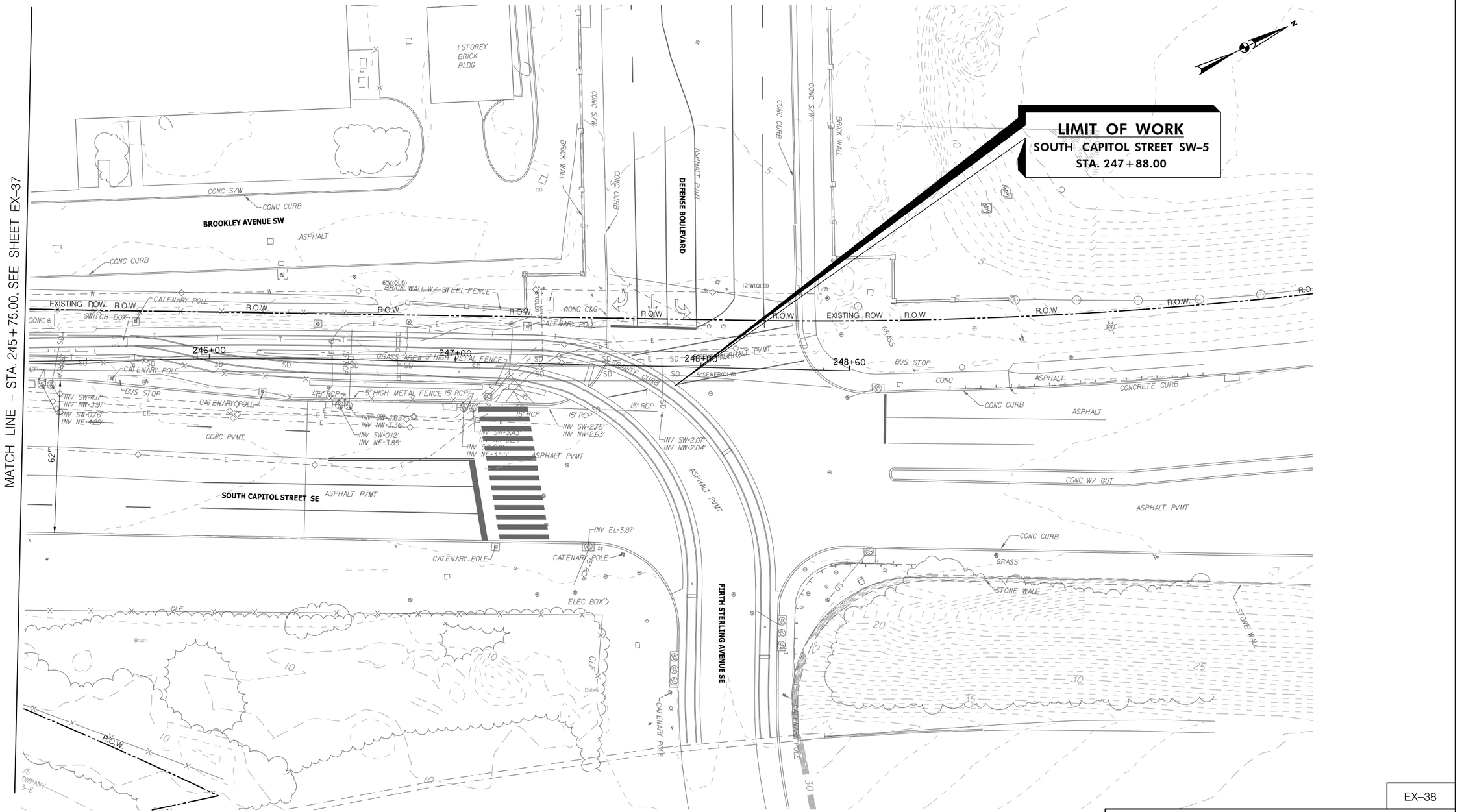
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 52 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	53	576



EX–38

20′ 0 20′ 40′
SCALE: 1"=20′

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EXISTING CONDITIONS PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 53 OF 576

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pTO-E038.SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	54	576

AWI

PROJECT NUMBER: 420942 | **BORING NUMBER:** B-01 | SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (418091.1 N, 1308579.7 E)
ELEVATION : 41.5 ft DRILLING CONTRACTOR : Connelly & Associates
DRILLING EQUIPMENT AND METHOD : CME 55LC, 3.25" HSA, Automatic 140 lb, 30 in. drop ORIENTATION : Vertical
WATER LEVELS ▼ 12.0 ft bgs START : 2/11/2015 END : 2/11/2015 LOGGER : ECS/D. Seserko

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
41.5					5" TOPSOIL		1.5	1) Boring was performed with 3.25" hollow stem augers, 1.75" standard drilling rods, and 2" split spoon samplers to a depth of 15'. Wc=10.9%
	0.0 – 2.0	16.0	S-1SS	1-3-4-2 (7)	**(SM)** Brown, fine to medium, Silty SAND, contains mica, loose, moist (FILL)			LL=28, PL=16, PI=12, Fines=31.2% Wc=14.9%
					(SC) Yellow-brown, fine to medium, Clayey SAND, contains mica, loose, moist (FILL)		1.25	
	2.0 – 4.0	16.0	S-2SS	1-3-4-5 (7)				
5 36.5					**(SC)** Yellow-brown, fine to medium, Clayey SAND, medium dense, moist			Wc=16.3% PID Reading = 3.5ppm @ 4'
	4.0 – 6.0	22.0	S-3SS	6-6-7-6 (13)				
	6.0 – 8.0	22.0	S-4SS	8-13-15-4 (28)	SAME, wet			Fines=15.6%
10 31.5					**(CH)** Yellow and gray mottled, Fat CLAY, trace sand, firm, moist			Wc=24.7%
	8.0 – 10.0	16.0	S-5SS	2-2-4-3 (6)			1.5	
	10.0 – 13.0							
	13.0 – 15.0	23.0	S-6SS	WOH-2-3-3 (5)	**(CH)** Gray, Sandy Fat CLAY, contains pockets of clayey sand, firm, wet		2.5	Wc=20.5%
15 26.5					Bottom of Boring at 15.0 ft bgs on 2/11/2015			2) PID reading not shown for samples with reading < 1.0 ppm. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
20								

AWI

PROJECT NUMBER: 420942 | **BORING NUMBER:** B-02 | SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (418837.1 N, 1307963.6 E)
ELEVATION : 42.0 ft DRILLING CONTRACTOR : Connelly & Associates
DRILLING EQUIPMENT AND METHOD : CME 55LC, 3.25" HSA, Automatic 140 lb, 30 in. drop ORIENTATION : Vertical
WATER LEVELS ▼ — START : 2/11/2015 END : 2/11/2015 LOGGER : ECS/D. Seserko

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
42.0					4" TOPSOIL		1.5	1) Boring was performed with 3.25" hollow stem augers, 1.75" standard drilling rods, and 2" split spoon samplers to a depth of 10'. Wc=14.2%
	0.0 – 2.0	10.0	S-1SS	1-3-3-3 (6)	**(ML)** Yellow-brown, SILT, with sand, contains rootlets, firm, moist (FILL)			
					SAME, Gray-brown, trace sand, hard			Wc=13.7% PID Reading = 2.6ppm @2'
	2.0 – 4.0	12.0	S-2SS	8-20-18-12 (38)			1.25	2) Bulk sample collected from 2 to 8'.
5 37.0					**(SM)** Gray and brown mottled, fine, Silty SAND, medium dense, moist			Wc=12.4%
	4.0 – 6.0	22.0	S-3SS	8-10-7-10 (17)				
	6.0 – 8.0	19.0	S-4SS	6-7-10-10 (17)	SAME, Gray and yellow mottled			Wc=14.3%
10 32.0					**(ML)** Gray-brown, SILT, trace sand, firm, wet		1.25	
	8.0 – 10.0	18.0	S-5SS	3-3-3-3 (6)				
					Bottom of Boring at 10.0 ft bgs on 2/11/2015			2) PID reading not shown for samples with reading < 1.0 ppm. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
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AWI

PROJECT NUMBER: 420942 | **BORING NUMBER:** B-03 | SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (419193.4 N, 1307359.7 E)
ELEVATION : 43.2 ft DRILLING CONTRACTOR : Connelly & Associates
DRILLING EQUIPMENT AND METHOD : CME 55LC, 3.25" HSA, Automatic 140 lb, 30 in. drop ORIENTATION : Vertical
WATER LEVELS ▼ 23.0 ft bgs START : 2/11/2015 END : 2/11/2015 LOGGER : ECS/R. Ruschman

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
43.2					8" ASPHALT		1) Boring was performed with 3.25" hollow stem augers, 1.75" standard drilling rods, and 2" split spoon samplers to a depth of 35'.
	1.0 – 3.0	18.0	S-1SS	12-12-9-8 (21)	**(GM)** Gray-brown, fine to coarse, Silty GRAVEL, with sand, medium dense, moist (FILL)		2) Tested positive for cement @ 0.7' Wc=17% @ 1' Wc=19.7% @ 3' Wc=19.2% @ 5'
5 38.2	3.0 – 5.0	20.0	S-2SS	5-9-10-11 (19)	**(ML)** Brown, SILT, trace gravel and sand, very stiff, moist (FILL)		
	5.0 – 7.0	19.0	S-3SS	4-6-8-10 (14)	SAME, no gravel		
	7.0 – 9.0	24.0	S-4SS	12-14-16-16 (30)	SAME, trace clay, stiff		
10 33.2	9.0 – 11.0	18.0	S-5SS	4-8-8-7 (16)	SAME, very stiff		Wc=4.3%
					(SP) Yellow-tan, fine, Poorly Graded SAND, trace silt, medium dense, moist		
	11.0 – 13.0						
15 28.2	13.0 – 15.0	20.0	S-6SS	3-8-10-8 (18)	**(SM)** Yellow-tan, fine to medium, Silty SAND, medium dense, moist		Fines=15.8% Wc=2.9%
	15.0 – 18.0						
20 23.2	18.0 – 20.0	16.0	S-7SS	5-9-13-13 (22)	**(SP)** Tan, fine to medium, Poorly Graded SAND, medium dense, moist		
	20.0 – 23.0						
25 18.2	23.0 – 25.0	18.0	S-8SS	3-9-12-13 (21)	**(SM)** Yellow-orange, fine to medium, Silty SAND, medium dense, wet		Wc=20.2%
	25.0 – 28.0						
30 13.2	28.0 – 30.0	14.0	S-9SS	7-9-9-9 (18)	SAME, Tan, fine to coarse, trace gravel		Wc=18.9%
	30.0 – 33.0						
35 8.2	33.0 – 35.0	18.0	S-10SS	4-8-10-11 (18)	SAME, with gravel		
					Bottom of Boring at 35.0 ft bgs on 2/11/2015		3) PID reading not shown for samples with reading < 1.0 ppm. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
40 3.2							
45 -1.8							
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AWI

PROJECT NUMBER: 420942 | **BORING NUMBER:** B-04 | SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Stree Trail, Washington DC LOCATION : (419469.9 N, 1307439.4 E)
ELEVATION : 42.9 ft DRILLING CONTRACTOR : Connelly & Associates
DRILLING EQUIPMENT AND METHOD : CME 55LC, 3.25" HSA, Automatic 140 lb, 30 in. drop ORIENTATION : Vertical
WATER LEVELS ▼ 23.0 ft bgs START : 2/12/2015 END : 2/12/2015 LOGGER : ECS/R. Ruschman

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
42.9					7" ASPHALT		1) Boring was performed with 3.25" hollow stem augers, 1.75" standard drilling rods, and 2" split spoon samplers to a depth of 35'. Wc=9.6% @ 1' Wc=16.1% @ 3'
	1.0 – 3.0	16.0	S-1SS	16-12-12-18 (24)	3" CONCRETE		
5 37.9	3.0 – 5.0	18.0	S-2SS	6-8-9-7 (17)	**(SC)** Yellow-brown, fine, Clayey SAND, medium dense, moist (FILL)		
	5.0 – 7.0	14.0	S-3SS	5-4-7-9 (11)	**(SM)** Brown, fine, Silty SAND, contains mica, medium dense, moist (FILL)		Wc=87.7% @ 5' LL=NP, PL=NP, PI=NP, Fines=62.9% @ 5'
	7.0 – 9.0	16.0	S-4SS	7-7-1-8 (14)	**(ML)** Brown, Sandy SILT, contains mica, stiff, moist (FILL)		Wc=12.1% @ 7'
10 32.9	9.0 – 11.0	14.0	S-5SS	4-6-7-8 (13)	**(SM)** Brown, fine, Silty SAND, contains mica, medium dense, moist (FILL)		
	11.0 – 13.0						
15 27.9	13.0 – 15.0	20.0	S-6SS	4-6-7-9 (13)	**(SP)** Tan-orange, fine, Poorly Graded SAND, trace silt, contains mica, medium dense, moist		Wc=2.8%
	15.0 – 18.0						
20 22.9	18.0 – 20.0	16.0	S-7SS	4-6-9-12 (15)	SAME, Yellow-brown		Wc=7.5%
	20.0 – 23.0						
25 17.9	23.0 – 25.0	19.0	S-8SS	8-9-9-48 (18)	SAME, Orange-brown, fine to medium, trace gravel		Wc=13.5%
	25.0 – 28.0						
30 12.9	28.0 – 30.0	20.0	S-9SS	3-4-7-8 (7)	**(CL)** Gray, Sandy Lean CLAY, contains mica, firm, wet		Wc=30.5%
	30.0 – 33.0						
35 7.9	33.0 – 35.0	22.0	S-10SS	3-4-6-9 (10)	**(CL)** Gray, Lean CLAY, trace sand, contains mica, stiff, wet		Wc=33.6%
					Bottom of Boring at 35.0 ft bgs on 2/12/2015		2) PID reading not shown for samples with reading < 1.0 ppm. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
40 2.9							
45 -2.1							
50							

AWI

PROJECT NUMBER: 420942 | **BORING NUMBER:** B-05 | SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (419862.0 N, 1307509.2 E)
ELEVATION : 33.1 ft DRILLING CONTRACTOR : Connelly & Associates
DRILLING EQUIPMENT AND METHOD : CME 55LC, 3.25" HSA, Automatic 140 lb, 30 in. drop ORIENTATION : Vertical
WATER LEVELS ▼ 13.0 ft bgs START : 2/12/2015 END : 2/12/2015 LOGGER : ECS/R. Ruschman

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
33.1					3" TOPSOIL			1) Boring was performed with 3.25" hollow stem augers, 1.75" standard drilling rods, and 2" split spoon samplers to a depth of 36'. Wc=10.2% @ 0' Wc=8.7% @ 2' Wc=15.7% @ 4' PID Reading = 3.4 ppm @ 4' Wc=14.7% @ 6' PID Reading = 1.8 ppm @ 6' Wc=9.3% @ 8' PID Reading = 4.9 ppm @ 8'
	0.0 – 2.0	12.0	S-1SS	1-3-3-3 (6)	**(CL)** Brown, Sandy Lean CLAY, trace gravel, contains asphalt, brick fragments, and mica, firm, moist (FILL)			
5 28.1	2.0 – 4.0	14.0	S-2SS	7-12-10-8 (22)	**(SP)** Yellow-brown, fine to medium, Poorly Graded SAND, trace silt, contains mica, medium dense, moist (FILL)			
	4.0 – 6.0	10.0	S-3SS	4-6-5-6 (11)	SAME, contains pockets of sandy lean clay			
	6.0 – 8.0	19.0	S-4SS	5-5-6-8 (11)	**(SC)** Yellow-brown, fine, Clayey SAND, contains mica, medium dense, moist			
10 23.1	8.0 – 10.0	17.0	S-5SS	5-7-7-8 (14)	**(SP)** Yellow-brown, fine, Poorly Graded SAND, trace silt, contains mica, medium dense, moist			
	10.0 – 13.0							
15 18.1	13.0 – 15.0	20.0	S-6SS	2-5-6-6 (11)	SAME, wet			Wc=28.4% PID Reading = 1.4 ppm @ 13'
	15.0 – 18.0							
20 13.1	18.0 – 20.0	13.0	S-7SS	2-1-1-1 (2)	**(SM)** Gray, fine to medium, Silty SAND, contains mica, very loose, wet			Wc=23.6% PID Reading = 4.9 ppm @ 18'
	20.0 – 23.0				SAME, with gravel, loose			
25 8.1	23.0 – 25.0	14.0	S-8SS	2-2-4-8 (6)				Wc=21.1% PID Reading = 2.0 ppm @ 23'
	25.0 – 28.0							
30 3.1	28.0 – 30.0	24.0	S-9SS	2-3-2-2 (5)	**(CL)** Gray, Lean CLAY, with sand, contains mica, firm, wet		0.5	Wc=21.6% PID Reading = 1.3 ppm @ 28' LL=27, PL=15, PI=12, Fines=75.7%
	30.0 – 32.0	21.0	S-10ST	push				Wc=20.6%
	32.0 – 34.0	24.0	S-11SS	2-2-4-6 (6)	SAME, contains wood fragments		1.0	Wc=235.3%
35 -1.9	34.0 – 36.0	24.0	S-12SS	7-8-10-10 (18)	Spoon contains all wood fragments			
					Bottom of Boring at 36.0 ft bgs on 2/12/2015			2) PID reading not shown for samples with reading < 1.0 ppm. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
40 -6.9								
45 -11.9								
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AWI

PROJECT NUMBER: 420942 | **BORING NUMBER:** B-06 | SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (421910.9 N, 1307350.1 E)
ELEVATION : 67.3 ft DRILLING CONTRACTOR : Connelly & Associates
DRILLING EQUIPMENT AND METHOD : Diedrich D-50 Turbo, 3.25" HSA, Safety 140 lb, 30 in. drop ORIENTATION : Vertical
WATER LEVELS ▼ — START : 2/18/2015 END : 2/18/2015 LOGGER : ECS/R. Ruschman

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
67.3					3" TOPSOIL			1) Boring was performed with 3.25" hollow stem augers, 1.75" standard drilling rods, and 2" split spoon samplers to a depth of 20'. Wc=9.7% @ 0' Wc=12% @ 2' Fines=23.1% @ 2'
	0.0 – 2.0	13.0	S-1SS	1-4-4-4 (8)	**(SP)** Brown, fine, Poorly Graded SAND, trace silt and gravel, contains mica and rootlets, loose, moist (FILL)			
5 62.3	2.0 – 4.0	12.0	S-2SS	3-2-6-10 (8)	**(SM)** Brown, fine to medium, Silty SAND, trace gravel, contains mica, loose, moist (FILL)			
	4.0 – 6.0	18.0	S-3SS	7-15-13-20 (28)	**(SM)** Brown and red, fine, Silty SAND, trace gravel, contains mica, medium dense, moist			Wc=16.9% @ 4'
	6.0 – 8.0	17.0	S-4SS	7-5-6-11 (11)	**(ML)** Brown and red, SILT, trace sand, contains mica, stiff, moist		1.5	Wc=23.9%
10 57.3	8.0 – 10.0	12.0	S-5SS	4-12-9-8 (21)	**(SC)** Tan, fine to medium, Clayey SAND, with gravel, medium dense, moist			Wc=12.3%
	10.0 – 13.5							
15 52.3	13.5 – 15.0	12.0	S-6SS	4-7-9 (16)				
	15.0 – 18.5				**(CH)** Tan, Sandy Fat CLAY, very stiff, moist		2.25	Wc=19%
20 47.3	18.5 – 20.0	5.0	S-7SS	13-12-11 (23)				
					Bottom of Boring at 20.0 ft bgs on 2/18/2015			2) PID reading not shown for samples with reading < 1.0 ppm. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
25 42.3								
30								

pS0-P001-6878401.dgn
2/24/2026

DISTRICT OF COLUMBIA — CHARLES C. SPOONER — NO. PE904476 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m· Jacobs

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SO–1

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SOILS BORING LOGS – 1

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	54 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	55	576

AWI

PROJECT NUMBER: 420942 | **BORING NUMBER:** B-07 SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (422935.9 N, 1307349.0 E)

ELEVATION : 77.1 ft DRILLING CONTRACTOR : Connelly & Associates

DRILLING EQUIPMENT AND METHOD : Diedrich D-50 Turbo, 3.25" HSA, Safety 140 lb, 30 in. drop ORIENTATION : Vertical

WATER LEVELS ▼ — START : 2/18/2015 END : 2/19/2015 LOGGER : ECS/R. Ruschman

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
77.1	0.0				9" TOPSOIL		0.5	1) Boring was performed with 3.25" hollow stem augers, 1.75" standard drilling rods, and 2" split spoon samplers to a depth of 10'. Wc=14.2% PID Reading = 5.3 ppm @ 0'
		18.0	S-1SS	2-3-4-4 (7)	**(SC)** Brown, fine to medium, Clayey SAND, trace gravel, contains rootlets, loose, moist (FILL)		1.0	
	2.0				**(CH)** Tan and gray mottled, Fat CLAY, trace sand, contains rootlets, firm, moist SAME, stiff			2) Bulk sample collected from 2 to 10'. Wc=41.7%
		18.0	S-2SS	3-4-5-7 (9)			1.0	
	4.0							Wc=34.9%
5 72.1		16.0	S-3SS	3-4-7-7 (11)			1.75	
	6.0				SAME, Brown-yellow, very stiff			Wc=31.5% PID Reading = 1.2 ppm @ 6'
		18.0	S-4SS	9-10-13-13 (23)			3.5	
	8.0				SAME, Red, stiff			
		18.0	S-5SS	3-1-8-8 (9)			3.0	
10 67.1	10.0				Bottom of Boring at 10.0 ft bgs on 2/18/2015			3) PID reading not shown for samples with reading < 1.0 ppm. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
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AWI

PROJECT NUMBER: 420942 | **BORING NUMBER:** B-08 SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (423732.1 N, 1307597.8 E)

ELEVATION : 67.3 ft DRILLING CONTRACTOR : Connelly & Associates

DRILLING EQUIPMENT AND METHOD : Diedrich D-50 Turbo, 3.25" HSA, Safety 140 lb, 30 in. drop ORIENTATION : Vertical

WATER LEVELS ▼ — START : 2/19/2015 END : 2/19/2015 LOGGER : ECS/D. Sesenio

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
67.3	0.0				2" TOPSOIL		0.5	1) Boring was performed with 3.25" hollow stem augers, 1.75" standard drilling rods, and 2" split spoon samplers to a depth of 10'. Wc=13.2%
		11.0	S-1SS	2-4-8-10 (12)	**(CL)** Yellow-brown, Sandy Lean CLAY, trace gravel, contains rootlets, stiff, moist (FILL)		1.0	
	2.0							
		10.0	S-2SS	10-16-14-17 (28)	**(GP)** Yellow-brown, fine to coarse, Poorly Graded GRAVEL, with sand, trace clay, medium dense, moist			Wc=3.4% PID Reading = 9.0 ppm @ 2'
	4.0							
5 62.3		5.0	S-3SS	10-6-6-7 (12)	**(GC)** Yellow-brown, Clayey GRAVEL, with sand, medium dense, moist (low recovery due to gravel in spoon tip)			Wc=13.9% PID Reading = 4.5 ppm @ 4'
	6.0							
		9.0	S-4SS	6-6-7-9 (13)	**(CH)** Red and gray mottled, Fat CLAY, trace sand, stiff, moist		2.25	Wc=31.6% PID Reading = 1.4 ppm @ 6'
	8.0				SAME, Red, gray, and yellow mottled			PID Reading = 3.8 ppm @ 8'
		18.0	S-5SS	4-6-8-10 (14)			2.75	
10 57.3	10.0				Bottom of Boring at 10.0 ft bgs on 2/19/2015			2) PID reading not shown for samples with reading < 1.0 ppm. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
15								

AWI

PROJECT NUMBER: 420942 | **BORING NUMBER:** B-09 SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (424935.8 N, 1308449.9 E)

ELEVATION : 45.5 ft DRILLING CONTRACTOR : ECS Mid-Atlantic, LLC

DRILLING EQUIPMENT AND METHOD : Hand Auger / WildCat DCP ORIENTATION : Vertical

WATER LEVELS ▼ — START : 2/19/2015 END : 2/19/2015 LOGGER : ECS/D. Sesenio

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
45.5	0.0				3" TOPSOIL		1) SPT values presented on this log represent correlated values according to Triggs and Simpson's paper "A Portable Dynamic Penetrometer for Geotechnical Investigations," 1991. The indicated values were not determined in accordance with ASTM D 1586. Wc=12% @ 1' LL=27, PL=14, PI=13, Fines=30.2% @ 1' PID Reading = 1.6 ppm @ 1' Wc=12.3% @ 2' PID Reading = 1.2 ppm @ 2' 2) Hand Auger refusal at 3.0'. 3) WildCat DCP testing terminated at 10'. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
			S-1BU	3 (3)	**(SC)** Yellow-brown, fine to coarse, Clayey SAND, with gravel, contains rootlets, moist (FILL)		
	1.0						
			S-2BU	9 (9)			
	2.0						
			S-3BU	8 (8)			
	3.0						
			S-4BU	19 (19)			
	4.0						
5 40.5			S-5BU	11 (11)			
	5.0						
			S-6BU	6 (6)			
	6.0						
			S-7BU	8 (8)			
	7.0						
			S-8BU	6 (6)			
	8.0						
			S-9BU	6 (6)			
	9.0						
10 35.5			S-10BU	7 (7)			
	10.0				Bottom of Boring at 10.0 ft bgs on 2/19/2015		
15							

WILDCAT DYNAMIC CONE LOG

Page 1 of 1

ECS-MID-ATLANTIC, LLC
14026 Thunderbolt Place Suite 100
Chantilly, VA 20151

PROJECT NUMBER: 01:21739
DATE STARTED: 02-19-2015
DATE COMPLETED: 02-19-2015

HOLE #: B-9
CREW: RPH & DJS3
PROJECT: South Capitol Street Trail
ADDRESS: Overlook Ave, SW
LOCATION: Washington, DC

SURFACE ELEVATION: 45.5
WATER ON COMPLETION: --
HAMMER WEIGHT: 35 lbs.
CONE AREA: 10 sq. cm

DEPTH	BLOWS PER 10 cm	RESISTANCE Kg/cm²	GRAPH OF CONE RESISTANCE 0 50 100 150	N'	TESTED CONSISTENCY NON-COHESIVE	TESTED CONSISTENCY COHESIVE
-	1	4.4	*	1	VERY LOOSE	VERY SOFT
-	3	13.3	***	3	VERY LOOSE	SOFT
- 1 ft	5	22.2	******	6	LOOSE	MEDIUM STIFF
-	6	26.6	*******	7	LOOSE	MEDIUM STIFF
-	9	40.0	**********	11	MEDIUM DENSE	STIFF
- 2 ft	9	40.0	**********	11	MEDIUM DENSE	STIFF
-	7	31.1	********	8	LOOSE	MEDIUM STIFF
-	7	31.1	********	8	LOOSE	MEDIUM STIFF
- 3 ft	7	31.1	********	8	LOOSE	MEDIUM STIFF
- 1 m	8	35.5	**********	10	LOOSE	STIFF
-	21	81.1	**********	23	MEDIUM DENSE	VERY STIFF
- 4 ft	27	104.2	**********	25+	MEDIUM DENSE	VERY STIFF
-	19	73.3	**********	20	MEDIUM DENSE	VERY STIFF
-	9	34.7	**********	9	LOOSE	STIFF
- 5 ft	6	23.2	******	6	LOOSE	MEDIUM STIFF
-	5	19.3	*****	5	LOOSE	MEDIUM STIFF
-	6	23.2	******	6	LOOSE	MEDIUM STIFF
- 6 ft	6	23.2	******	6	LOOSE	MEDIUM STIFF
-	8	30.9	********	8	LOOSE	MEDIUM STIFF
- 2 m	8	30.9	********	8	LOOSE	MEDIUM STIFF
- 7 ft	10	34.2	**********	9	LOOSE	STIFF
-	7	23.9	******	6	LOOSE	MEDIUM STIFF
-	8	27.4	********	7	LOOSE	MEDIUM STIFF
- 8 ft	7	23.9	******	6	LOOSE	MEDIUM STIFF
-	6	20.5	*****	5	LOOSE	MEDIUM STIFF
-	7	23.9	******	6	LOOSE	MEDIUM STIFF
- 9 ft	7	23.9	******	6	LOOSE	MEDIUM STIFF
-	6	20.5	*****	5	LOOSE	MEDIUM STIFF
-	8	27.4	********	7	LOOSE	MEDIUM STIFF
- 3 m 10 ft	9	30.8	********	8	LOOSE	MEDIUM STIFF
-						
-						
- 11 ft						
-						
- 12 ft						
-						
- 4 m 13 ft						

AWI

PROJECT NUMBER: 420942 | **BORING NUMBER:** B-10 SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (425890.8 N, 1309007.1 E)

ELEVATION : 52.7 ft DRILLING CONTRACTOR : ECS Mid-Atlantic, LLC

DRILLING EQUIPMENT AND METHOD : Hand Auger / WildCat DCP ORIENTATION : Vertical

WATER LEVELS ▼ — START : 2/19/2015 END : 2/19/2015 LOGGER : ECS/D. Sesenio

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
52.7	0.0				3" TOPSOIL		1) SPT values presented on this log represent correlated values according to Triggs and Simpson's paper "A Portable Dynamic Penetrometer for Geotechnical Investigations," 1991. The indicated values were not determined in accordance with ASTM D 1586. Wc=16.1% @ 1' PID Reading = 12.0 ppm @ 1' Wc=14.3% @ 2' PID Reading = 3.6 ppm @ 2' Wc=15.3% @ 3' PID Reading = 2.6 ppm @ 3' Wc=10.7% @ 4' LL=23, PL=13, PI=10, Fines=18.4% @ 4' PID Reading = 5.9 ppm @ 4' 2) Hand Auger refusal at 5.5'. 3) WildCat DCP testing terminated at 10.6'. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
			S-1BU	4 (4)	**(SC)** Yellow-brown and gray, fine to coarse, Clayey SAND, trace gravel, contains rootlets, moist (FILL)		
	1.0						
			S-2BU	12 (12)	SAME, fine to medium, no rootlets		
	2.0						
			S-3BU	7 (7)	SAME, contains cobbles		
	3.0						
			S-4BU	5 (5)			
	4.0						
5 47.7			S-5BU	4 (4)	SAME, fine to coarse		
	5.0						
			S-6BU	2 (2)	SAME, possible cave-in material from above		
	6.0						
			S-7BU	4 (4)			
	7.0						
			S-8BU	8 (8)			
	8.0						
			S-9BU	12 (12)			
	9.0						
			S-10BU	10 (10)			
10 42.7	10.0						
	10.6		S-11BU	8 (8)			
					Bottom of Boring at 10.6 ft bgs on 2/19/2015		
15							

WILDCAT DYNAMIC CONE LOG

Page 1 of 1

ECS-MID-ATLANTIC, LLC
14026 Thunderbolt Place Suite 100
Chantilly, VA 20151

PROJECT NUMBER: 01:21739
DATE STARTED: 02-19-2015
DATE COMPLETED: 02-19-2015

HOLE #: B-10
CREW: RPH & DJS3
PROJECT: South Capitol Street Trail
ADDRESS: Overlook Ave, SW
LOCATION: Washington, DC

SURFACE ELEVATION: 52.7
WATER ON COMPLETION: --
HAMMER WEIGHT: 35 lbs.
CONE AREA: 10 sq. cm

DEPTH	BLOWS PER 10 cm	RESISTANCE Kg/cm²	GRAPH OF CONE RESISTANCE 0 50 100 150	N'	TESTED CONSISTENCY NON-COHESIVE	TESTED CONSISTENCY COHESIVE
-	2	8.9	**	2	VERY LOOSE	SOFT
-	3	13.3	***	3	VERY LOOSE	SOFT
- 1 ft	6	26.6	*******	7	LOOSE	MEDIUM STIFF
-	12	53.3	**********	15	MEDIUM DENSE	STIFF
-	8	35.5	*********	10	LOOSE	STIFF
- 2 ft	8	35.5	*********	10	LOOSE	STIFF
-	8	35.5	*********	10	LOOSE	STIFF
-	6	26.6	*******	7	LOOSE	MEDIUM STIFF
- 3 ft	5	22.2	******	6	LOOSE	MEDIUM STIFF
- 1 m	4	17.8	*****	5	LOOSE	MEDIUM STIFF
-	6	23.2	******	6	LOOSE	MEDIUM STIFF
- 4 ft	4	15.4	****	4	VERY LOOSE	SOFT
-	3	11.6	***	3	VERY LOOSE	SOFT
-	4	15.4	****	4	VERY LOOSE	SOFT
- 5 ft	5	19.3	*****	5	LOOSE	MEDIUM STIFF
-	3	11.6	***	3	VERY LOOSE	SOFT
-	2	7.7	**	2	VERY LOOSE	SOFT
- 6 ft	2	7.7	**	2	VERY LOOSE	SOFT
-	3	11.6	***	3	VERY LOOSE	SOFT
- 2 m	4	15.4	****	4	VERY LOOSE	SOFT
- 7 ft	6	20.5	*****	5	LOOSE	MEDIUM STIFF
-	7	23.9	******	6	LOOSE	MEDIUM STIFF
-	11	37.6	**********	10	LOOSE	STIFF
- 8 ft	9	30.8	********	8	LOOSE	MEDIUM STIFF
-	11	37.6	**********	10	LOOSE	STIFF
-	12	41.0	**********	11	MEDIUM DENSE	STIFF
- 9 ft	16	54.7	**********	15	MEDIUM DENSE	STIFF
-	11	37.6	**********	10	LOOSE	STIFF
-	13	44.5	**********	12	MEDIUM DENSE	STIFF
- 3 m 10 ft	11	37.6	**********	10	LOOSE	STIFF
-	11	33.7	**********	9	LOOSE	STIFF
-	10	30.6	********	8	LOOSE	MEDIUM STIFF
-						
- 11 ft						
-						
-						
- 12 ft						
-						
- 4 m 13 ft						

DISTRICT OF COLUMBIA — DARRON D. SMOOT — NO. PE904709 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m· Jacobs

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SO–2

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SOILS BORING LOGS – 2

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 55 OF 576

p50-P002-687840.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	56	576

AWI

PROJECT NUMBER: 420942 | BORING NUMBER: B-11 | SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (426604.0 N, 1309413.8 E)
ELEVATION : 58.5 ft DRILLING CONTRACTOR : ECS Mid-Atlantic, LLC
DRILLING EQUIPMENT AND METHOD : Hand Auger / WildCat DCP ORIENTATION : Vertical
WATER LEVELS ▼ --- START : 2/19/2015 END : 2/19/2015 LOGGER : ECS/D. Sesenio

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
58.5					3" TOPSOIL		1) SPT values presented on this log represent correlated values according to Triggs and Simpson's paper "A Portable Dynamic Penetrometer for Geotechnical Investigations," 1991. The indicated values were not determined in accordance with ASTM D 1586.
	0.0 - 1.0		S-1	9 (9)	**(SM)** Yellow-brown, fine to medium, Silty SAND, trace gravel. moist (FILL)		PID Reading = 2.7 ppm @ 1' Wc=10.4% @ 1'
	1.0 - 2.0		S-2	9 (9)			PID Reading = 2.9 ppm @ 2' Wc=9.5% @ 2' LL=NP, PL=NP, PI=NP, Fines=35.2% @ 2'
	2.0 - 3.0		S-3	4 (4)	**(SP)** Yellow-brown, fine to medium, Poorly Graded SAND, trace clay, moist		PID Reading = 2.6 ppm @ 3'
	3.0 - 4.0		S-4	4 (4)	SAME, trace gravel		PID Reading = 1.8 ppm @ 4'
	4.0 - 5.0		S-5	5 (5)	SAME, contains pockets of lean clay		PID Reading = 1.2 ppm @ 5'
5 53.5							2) Initial WildCat attempt refused on possible utility at 4.6'.
	5.0 - 6.0		S-6	5 (5)	**(CH)** Red-gray, Sandy Fat CLAY, moist		Wc=26.7% PID Reading = 1.7 ppm @ 6'
	6.0 - 7.0		S-7	4 (4)			PID Reading = 1.2 ppm @ 7'
	7.0 - 8.0		S-8	5 (5)	**(CH)** Red-gray, Fat CLAY, with sand, moist		Wc=28.1% PID Reading = 1.5 ppm @ 8'
	8.0 - 9.0		S-9	8 (8)	**(CL)** Gray-green, Lean CLAY, trace sand, moist		Wc=26.7% PID Reading = 1.5 ppm @ 9'
	9.0 - 10.0		S-10	8 (8)			
10 48.5							3) Hand Auger terminated at 10'.
	10.0 - 10.6		S-11	15 (15)			
					Bottom of Boring at 10.6 ft bgs on 2/19/2015		4) WildCat DCP testing terminated at 10.6'.
15							Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.

WILDCAT DYNAMIC CONE LOG

Page 1 of 1

ECS-MID-ATLANTIC, LLC
14026 Thunderbolt Place Suite 100
Chantilly, VA 20151

PROJECT NUMBER: 01:21739
DATE STARTED: 02-19-2015
DATE COMPLETED: 02-19-2015

HOLE #: B-11
CREW: RPH & DJS3
PROJECT: South Capitol Street Trail
ADDRESS: Overlook Ave. SW
LOCATION: Washington, DC

SURFACE ELEVATION: 58.5
WATER ON COMPLETION: --
HAMMER WEIGHT: 35 lbs.
CONE AREA: 10 sq. cm

DEPTH	BLOWS PER 10 cm	RESISTANCE Kg/cm²	GRAPH OF CONE RESISTANCE 0 50 100 150	N'	TESTED CONSISTENCY NON-COHESIVE	TESTED CONSISTENCY COHESIVE
-	8	35.5	**********	10	LOOSE	STIFF
-	6	26.6	********	7	LOOSE	MEDIUM STIFF
- 1 ft	9	40.0	**********	11	MEDIUM DENSE	STIFF
-	10	44.4	**********	12	MEDIUM DENSE	STIFF
-	8	35.5	**********	10	LOOSE	STIFF
- 2 ft	5	22.2	******	6	LOOSE	MEDIUM STIFF
-	5	22.2	******	6	LOOSE	MEDIUM STIFF
-	3	13.3	***	3	VERY LOOSE	SOFT
- 3 ft	3	13.3	***	3	VERY LOOSE	SOFT
- 1 m	3	13.3	***	3	VERY LOOSE	SOFT
-	3	11.6	***	3	VERY LOOSE	SOFT
- 4 ft	8	30.9	*********	8	LOOSE	MEDIUM STIFF
-	5	19.3	*****	5	LOOSE	MEDIUM STIFF
-	5	19.3	*****	5	LOOSE	MEDIUM STIFF
- 5 ft	5	19.3	*****	5	LOOSE	MEDIUM STIFF
-	5	19.3	*****	5	LOOSE	MEDIUM STIFF
-	5	19.3	*****	5	LOOSE	MEDIUM STIFF
- 6 ft	5	19.3	*****	5	LOOSE	MEDIUM STIFF
-	5	19.3	*****	5	LOOSE	MEDIUM STIFF
- 2 m	5	19.3	*****	5	LOOSE	MEDIUM STIFF
- 7 ft	4	13.7	***	3	VERY LOOSE	SOFT
-	5	17.1	****	4	VERY LOOSE	SOFT
-	6	20.5	*****	5	LOOSE	MEDIUM STIFF
- 8 ft	6	20.5	*****	5	LOOSE	MEDIUM STIFF
-	7	23.9	*******	6	LOOSE	MEDIUM STIFF
-	9	30.8	********	8	LOOSE	MEDIUM STIFF
- 9 ft	11	37.6	**********	10	LOOSE	STIFF
-	10	34.2	**********	9	LOOSE	STIFF
-	9	30.8	********	8	LOOSE	MEDIUM STIFF
- 3 m 10 ft	9	30.8	********	8	LOOSE	MEDIUM STIFF
-	17	52.0	**********	14	MEDIUM DENSE	STIFF
-	19	58.1	**********	16	MEDIUM DENSE	VERY STIFF
- 11 ft						
- 12 ft						
- 4 m 13 ft						

AWI

PROJECT NUMBER: 420942 | BORING NUMBER: B-12 | SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (428198.4 N, 1309822.6 E)
ELEVATION : 54.7 ft DRILLING CONTRACTOR : Connelly & Associates
DRILLING EQUIPMENT AND METHOD : Diedrich D-50 Turbo, 3.25" HSA, Safety 140 lb, 30 in. drop ORIENTATION : Vertical
WATER LEVELS ▼ --- START : 2/18/2015 END : 2/18/2015 LOGGER : ECS/R. Ruschman

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
54.7					3" TOPSOIL			1) Boring was performed with 3.25" hollow stem augers, 1.75" standard drilling rods, and 2" split spoon samplers to a depth of 8'. Wc=11%
	0.0 - 2.0	18.0	S-1SS	3-7-7-6 (14)	**(SC)** Brown, fine to medium, Clayey SAND, trace gravel, contains mica and brick fragments, medium dense, moist (FILL)			
	2.0 - 4.0	18.0	S-2SS	7-8-8-10 (16)	**(SM)** Brown, fine to medium, Silty SAND, contains mica, medium dense, moist (FILL)			Wc=9.8% PID Reading = 3.5 ppm @ 2'
					(CL) Gray and tan mottled, Sandy Lean CLAY, contains mica, very stiff, moist			
5 49.7	4.0 - 6.0	18.0	S-3SS	3-2-1-2 (3)	SAME, soft		1.5	LL=33, PL=16, PI=17, Fines=62.4% Wc=24.8%
	6.0 - 8.0	18.0	S-4SS	5-14-20-23 (34)	**(GC)** Gray and tan, Clayey GRAVEL, with sand, contains mica, dense, moist			
10 44.7					Bottom of Boring at 8.0 ft bgs on 2/18/2015			2) Refusal encountered at 8'. Offset 2' west and also encountered refusal at 8'.
15								3) PID reading not shown for samples with reading < 1.0 ppm. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.

AWI

PROJECT NUMBER: 420942 | BORING NUMBER: B-13 | SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (428875.0 N, 1309863.1 E)
ELEVATION : 47.8 ft DRILLING CONTRACTOR : Connelly & Associates
DRILLING EQUIPMENT AND METHOD : Diedrich D-50 Turbo, 3.25" HSA, Safety 140 lb, 30 in. drop ORIENTATION : Vertical
WATER LEVELS ▼ --- START : 2/16/2015 END : 2/16/2015 LOGGER : ECS/R. Ruschman

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
47.8					4" TOPSOIL		1) Boring was performed with 3.25" hollow stem augers, 1.75" standard drilling rods, and 2" split spoon samplers to a depth of 10'. Wc=11.6%
	0.0 - 2.0	18.0	S-1SS	4-5-5-5 (10)	**(SM)** Brown, fine, Silty SAND, contains rootlets, medium dense, moist (FILL)		2) Bulk sample collected from 0 to 10'.
	2.0 - 4.0	15.0	S-2SS	4-4-4-5 (8)	SAME, loose		Wc=13.9%
5 42.8	4.0 - 6.0	18.0	S-3SS	2-3-4-3 (7)	**(SC)** Brown, fine to coarse, Clayey SAND, trace gravel, loose, moist		Wc=13.1%
	6.0 - 8.0	18.0	S-4SS	1-2-2-2 (4)	SAME, loose		Wc=15.7%
10 37.8	8.0 - 10.0	2.0	S-5SS	8-12-11-13 (23)	SAME, medium dense		
					Bottom of Boring at 10.0 ft bgs on 2/16/2015		3) PID reading not shown for samples with reading < 1.0 ppm. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
15							

AWI

PROJECT NUMBER: 420942 | BORING NUMBER: B-14 | SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (429280.7 N, 1309881.5 E)
ELEVATION : 42.3 ft DRILLING CONTRACTOR : Connelly & Associates
DRILLING EQUIPMENT AND METHOD : Diedrich D-50 Turbo, 3.25" HSA, Safety 140 lb, 30 in. drop ORIENTATION : Vertical
WATER LEVELS ▼ 8.0 ft bgs START : 2/16/2015 END : 2/16/2015 LOGGER : ECS/R. Ruschman

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
42.3					4" TOPSOIL		1) Boring was performed with 3.25" hollow stem augers, 1.75" standard drilling rods, and 2" split spoon samplers to a depth of 10'. Wc=6.7%
	0.0 - 2.0	18.0	S-1SS	4-8-6-6 (14)	**(SM)** Brown, fine, Silty SAND, trace gravel, contains mica, medium dense, moist (FILL)		
	2.0 - 4.0	18.0	S-2SS	4-4-4-4 (8)	SAME, no gravel, loose		Wc=16.1%
5 37.3	4.0 - 6.0	18.0	S-3SS	4-10-10-9 (20)	SAME, medium dense		Wc=9.8%
	6.0 - 8.0	14.0	S-4SS	3-4-2-12 (6)	SAME, Brown and gray mottled, loose		
10 32.3	8.0 - 10.0	4.0	S-5SS	10-20-24-17 (44)	**(SP)** Tan, fine to medium, Poorly Graded SAND, loose, wet SAME, dense		
					Bottom of Boring at 10.0 ft bgs on 2/16/2015		2) PID reading not shown for samples with reading < 1.0 ppm. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
15							

AWI

PROJECT NUMBER: 420942 | BORING NUMBER: B-15 | SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (430535.7 N, 1309976.0 E)
ELEVATION : 40.0 ft DRILLING CONTRACTOR : Connelly & Associates
DRILLING EQUIPMENT AND METHOD : Diedrich D-50 Turbo, 3.25" HSA, Safety '40 lb, 30 in. drop ORIENTATION : Vertical
WATER LEVELS ▼ --- START : 2/16/2015 END : 2/16/2015 LOGGER : ECS/R. Ruschman

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
40.0					3" TOPSOIL			1) Boring was performed with 3.25" hollow stem augers, 1.75" standard drilling rods, and 2" split spoon samplers to a depth of 20'. Wc=7.9% @ 0' PID Reading = 3.4 ppm @ 0' Wc=7.5% @ 2' LL=28, PL=16, PI=12, Fines=12.8% @ 2' PID Reading = 1.0 ppm @ 4'
	0.0 - 2.0	14.0	S-1SS	7-8-16-14 (24)	**(SC)** Brown, Clayey SAND, with gravel, medium dense, moist (FILL) SAME, Yellow-brown, trace gravel, contains brick fragments, dense			
	2.0 - 4.0	18.0	S-2SS	6-17-17-17 (34)	SAME, with gravel, containe asphalt fragments, no brick, very dense			
5 35.0	4.0 - 6.0	16.0	S-3SS	6-35-22-10 (57)	**(ML)** Brown-orange, Sandy SILT, trace gravel, hard, moist SAME, very stiff			Wc=17.3%
	6.0 - 8.0	18.0	S-4SS	9-10-12-12 (22)	SAME, stiff		2.0	Wc=20.4%
10 30.0	8.0 - 10.0	18.0	S-5SS	4-6-7-8 (13)				
	10.0 - 13.5				**(MH)** Gray, Elastic SILT, contains mica, firm, moist			
15 25.0	13.5 - 15.0	18.0	S-6SS	2-2-3 (5)			0.5	Wc=23.8%
	15.0 - 18.5				SAME, Gray and red mottled, stiff			
20 20.0	18.5 - 20.0	18.0	S-7SS	4-5-7 (12)			1.0	PID Reading = 1.8 ppm @ 18.5'
					Bottom of Boring at 20.0 ft bgs on 2/16/2015			2) PID reading not shown for samples with reading < 1.0 ppm. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
25 15.0								
30								

pS0-P003-687840.dgn
2/24/2026

DISTRICT OF COLUMBIA — DARLON G. SIMONS — NO. PE904786 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m· Jacobs

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SO–3

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SOILS BORING LOGS – 3

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 56 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	57	576

AWI

PROJECT NUMBER: 420942 | BORING NUMBER: B-16 SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (419167.2 N, 1319258.1 E)
ELEVATION : 14.3 ft DRILLING CONTRACTOR : Connelly & Associates
DRILLING EQUIPMENT AND METHOD : CME 55LC, 3.25" HSA, Automatic 140 lb. 30 in. drop ORIENTATION : Vertical
WATER LEVELS ▼ — START : 2/13/2015 END : 2/13/2015 LOGGER : ECSR, Raschman

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLOGY	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
14.3 / 0.0					3" TOPSOIL			1) Boring was performed with 3.25" hollow stem augers, 1.75" standard drilling rods, and 2" split spoon samples to a depth of 15'. Wc=5.7% @ 0'
	0.0 – 2.0	10.0	S-1SS	1-4-4-6 (8)	**(CL)** Brown, Sandy Lean CLAY, contains rootlets and mica, firm, moist (FILL)			
4.0	2.0 – 4.0	12.0	S-2SS	4-4-3-2 (7)	**(SP)** Tan, fine to medium, Poorly Graded SAND, contains mica, loose, moist (FILL)			Wc=8.5%
5 / 9.3	4.0 – 6.0	8.0	S-3SS	2-2-3-3 (5)	**(SM)** Tan, fine, Silty SAND, trace gravel, loose, moist (FILL)			Wc=11.0%
	6.0 – 8.0	12.0	S-4SS	3-4-4-5 (8)	**(CH)** Brown-gray, Fat CLAY, trace sand, firm, moist			Wc=21.9%
10 / 4.3	8.0 – 10.0	18.0	S-5SS	3-3-5-8 (8)	Bottom of Boring at 10.0 ft bgs on 2/13/2015			2) PID reading not shown for samples with reading < 1.0 ppm. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
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AWI

PROJECT NUMBER: 420942 | BORING NUMBER: B-17 SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (432707.6 N, 1310666.7 E)
ELEVATION : 13.0 ft DRILLING CONTRACTOR : Connelly & Associates
DRILLING EQUIPMENT AND METHOD : CME 55LC, 3.25" HSA, Automatic 140 lb. 30 in. drop ORIENTATION : Vertical
WATER LEVELS ▼ 8.0 ft bgs START : 2/13/2015 END : 2/13/2015 LOGGER : ECSR, Raschman

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
13.0 / 0.0					4" TOPSOIL		1) Boring was performed with 3.25" hollow stem augers, 1.75" standard drilling rods, and 2" split spoon samples to a depth of 15'. Wc=5.1% @ 0'
	0.0 – 2.0	10.0	S-1SS	4-12-14-12 (26)	**(SC)** Brown, medium to coarse, Clayey SAND, with gravel, medium dense, moist (FILL)		LL=26, PL=11, PI=15, Fines=15.2% Wc=7.3%
	2.0 – 4.0	6.0	S-2SS	6-10-10-11 (20)			
5 / 8.0	4.0 – 6.0	14.0	S-3SS	6-5-4-3 (9)	SAME, loose		
	6.0 – 8.0	12.0	S-4SS	4-8-11-9 (19)	SAME, Brown-gray, fine to medium, trace gravel, medium dense		PID Reading = 4.8 ppm @ 6'
10 / 3.0	8.0 – 10.0	4.0	S-5SS	WOH-2-3-3 (5)	**(SM)** Yellow-brown, fine, Silty SAND, trace gravel, contains rootlets, medium dense, wet SAME, loose		Wc=16.8%
	10.0 – 13.0	7.0	S-6SS	2-4-4-3 (8)	**(ML)** Brown-gray, Sandy SILT, firm, wet		Wc=26.7%
15 / -2.1	15.0				Bottom of Boring at 15.0 ft bgs on 2/13/2015		2) PID reading not shown for samples with reading < 1.0 ppm. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
20							

AWI

PROJECT NUMBER: 420942 | BORING NUMBER: B-18 SHEET 1 OF 1

SOIL BORING LOG

PROJECT : DDOT AWI-South Capitol Street Trail, Washington DC LOCATION : (433074.0 N, 1310733.6 E)
ELEVATION : 14.4 ft DRILLING CONTRACTOR : ECS Mid-Atlantic, LLC
DRILLING EQUIPMENT AND METHOD : Hand Auger / WildCat DCP ORIENTATION : Vertical
WATER LEVELS ▼ — START : 2/19/2015 END : 2/19/2015 LOGGER : ECSD, Sesenko

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
14.4 / 0.0			S-1BU	6 (6)	**(ML)** Brown, Sandy SILT, contains organics and rootlets, probable majority topsoil, moist (FILL)		1) SPT values presented on this log represent correlated values according to Triggs and Simpson's paper "A Portable Dynamic Penetrometer for Geotechnical Investigations," 1991. The indicated values were not determined in accordance with ASTM D 1586. Wc=28.2% @ 1'
	0.0 – 1.0						
	1.0 – 2.0		S-2BU	3 (3)			
	2.0 – 3.0		S-3BU	17 (17)	**(SC)** Brown, fine to medium, Clayey SAND, with gravel, contains topsoil and rootlets, moist (FILL)		Wc=13.3% @ 2' PID Reading = 1.7 ppm @ 2'
	3.0 – 4.0		S-4BU	17 (17)			2) Hand Auger refusal at 2.8' on geotextile layer.
5 / 9.4	4.0 – 5.0		S-5BU	12 (12)			
	5.0 – 6.0		S-6BU	7 (7)			
	6.0 – 7.0		S-7BU	2 (2)			
	7.0 – 8.0		S-8BU	5 (5)			
	8.0 – 9.0		S-9BU	2 (2)			
10 / 4.4	9.0 – 10.0		S-10BU	6 (6)	Bottom of Boring at 10.0 ft bgs on 2/19/2015		3) WildCat DCP testing terminated at 10'. Boring grouted upon completion of SPT sampling and after obtaining water level readings. A mixture of 25 gallons of water combined with a 50 lb bag of sodium bentonite ratio was placed as the steel casing was removed from the borehole. All drilling spoils and fluids were containerized in 55-gallon steel drums. The contents of these drums were tested for environmental contaminants before being properly disposed of.
15							

WILDCAT DYNAMIC CONE LOG

Page 1 of 1

ECS-MID-ATLANTIC, LLC
14026 Thunderbolt Place Suite 100
Chantilly, VA 20151

HOLE #: B-18
CREW: RPH & DJS3
PROJECT: South Capitol Street Trail
ADDRESS: South Capitol Street, SW
LOCATION: Washington, DC

PROJECT NUMBER: 01:21739
DATE STARTED: 02-19-2015
DATE COMPLETED: 02-19-2015

SURFACE ELEVATION: 14.4
WATER ON COMPLETION: --
HAMMER WEIGHT: 35 lbs.
CONE AREA: 10 sq. cm

DEPTH	BLOWS PER 10 cm	RESISTANCE Kg/cm²	GRAPH OF CONE RESISTANCE 0 50 100 150	N'	TESTED CONSISTENCY NON-COHESIVE	TESTED CONSISTENCY COHESIVE
-	11	48.8	**********	13	MEDIUM DENSE	STIFF
-	3	13.3	***	3	VERY LOOSE	SOFT
- 1 ft	3	13.3	***	3	VERY LOOSE	SOFT
-	3	13.3	***	3	VERY LOOSE	SOFT
-	3	13.3	***	3	VERY LOOSE	SOFT
- 2 ft	2	8.9	**	2	VERY LOOSE	SOFT
-	3	13.3	***	3	VERY LOOSE	SOFT
-	18	79.9	**********	22	MEDIUM DENSE	VERY STIFF
- 3 ft	42	186.5	**********	25+	VERY DENSE	HARD
- 1 m	13	57.7	**********	16	MEDIUM DENSE	VERY STIFF
-	14	54.0	**********	15	MEDIUM DENSE	STIFF
- 4 ft	18	69.5	**********	19	MEDIUM DENSE	VERY STIFF
-	13	50.2	**********	14	MEDIUM DENSE	STIFF
-	11	42.5	**********	12	MEDIUM DENSE	STIFF
- 5 ft	10	38.6	**********	11	MEDIUM DENSE	STIFF
-	9	34.7	**********	9	LOOSE	STIFF
-	6	23.2	******	6	LOOSE	MEDIUM STIFF
- 6 ft	7	27.0	*******	7	LOOSE	MEDIUM STIFF
-	2	7.7	**	2	VERY LOOSE	SOFT
- 2 m	2	7.7	**	2	VERY LOOSE	SOFT
- 7 ft	1	3.4	*	0	VERY LOOSE	VERY SOFT
-	2	6.8	*	1	VERY LOOSE	VERY SOFT
-	8	27.4	*******	7	LOOSE	MEDIUM STIFF
- 8 ft	8	27.4	*******	7	LOOSE	MEDIUM STIFF
-	3	10.3	**	2	VERY LOOSE	SOFT
-	3	10.3	**	2	VERY LOOSE	SOFT
- 9 ft	3	10.3	**	2	VERY LOOSE	SOFT
-	5	17.1	****	4	VERY LOOSE	SOFT
-	5	17.1	****	4	VERY LOOSE	SOFT
- 3 m 10 ft	10	34.2	*********	9	LOOSE	STIFF
-						
-						
- 11 ft						
-						
- 12 ft						
-						
- 4 m 13 ft						

JACOBS

PROJECT NUMBER: E5X71302 | BORING NUMBER: JE-BH-01 SHEET 1 OF 1

SOIL BORING LOG

PROJECT : South Capitol Street Trail, Washington, D.C. LOCATION : South Capitol Street, JBAB Fence (420807.4 N, 1307701.3 E)
ELEVATION : 70.7 ft DRILLING CONTRACTOR : DMY Engineering
DRILLING EQUIPMENT AND METHOD : CME 55 Truck Mounted, 3.25" HSA, SPT, Automatic Hammer ORIENTATION : Vertical
WATER LEVELS ▼ Not Encountered START : 6/24/2020 END : 6/24/2020 LOGGER : A. Albalal

DEPTH BELOW CASING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLOGY	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
63.7 / 0.0					**Silty Sand (SM)** 0-2' - yellow-brown, moist, fine grained			0-1 ft drilled without sampling
	1.0 – 3.0	16.0	SS-1	3-2-2-5 (4)	**Silty Gravel (GM)** 2-5' - yellow-brown, moist, very loose, fine grained, little fines 3' - Same as above except loose			LL=NP, PL=NP, PI=NP Wc=33.7% 73.6% Gravel, 1.5% Sand, 24.9% Fines
5 / 58.7	3.0 – 5.0	9.0	SS-2	3-4-4-4 (8)				
	5.0 – 7.0	15.0	SS-3	2-4-5-9 (9)	**Lean Clay (CL)** 5-7.5' - yellow-brown, moist, stiff, low plasticity		4.5	
	7.0 – 9.0	24.0	SS-4	4-7-9-25 (16)	7' - Same as above **Gravelly Lean Clay (CL)** 7.5-9.5' - yellow-brown, moist, very stiff, medium plasticity			Wc=12.4% 33.3% Gravel, 14.1% Sand, 52.6% Fines
10 / 53.7	9.0 – 11.0	16.0	SS-5	14-37-34-33 (71)	9' - Same as above **Poorly Graded Gravel With Sand (GP)** 9.5-13' - light brown, moist, very dense, fine to coarse grained, few low plasticity fines			
	11.0 – 13.0							
	13.0 – 15.0	24.0	SS-6	7-8-10-13 (18)	**Fat Clay (CH)** 13-18' - olive-gray, moist, very stiff, medium plasticity		4.5	LL=71, PL=31, PI=40
15 / 48.7	15.0 – 18.0							
	18.0 – 20.0	24.0	SS-7	13-12-13-12 (25)	**Lean Clay (CL)** 18-24' - olive-gray, moist, very stiff, low plasticity, trace fine sand and silt		3.4	LL=36, PL=23, PI=13 Wc=20.3% 1.9% Sand, 98.1% Fines
20 / 43.7	20.0 – 23.0				23' - Same as above			Sample is wet which is probably due to perched ground water. The following sample was moist.
	23.0 – 25.0	24.0	SS-8	28-42-18-14 (60)	**Silt (ML)** 24-30' - gray, wet, fine grained, few fine sand, trace gravel		2.4	
25 / 38.7	25.0 – 28.0							Drilling was generally very easy to easy with RDR =1-2 except at depth of 10-12 ft where drilling was moderate to hard and RDR=3-4. The hole was grouted with Cement Grout and cuttings were drummed to be disposed offsite. Cave-in 23 ft. Wc=24.8% 1.5% Gravel, 5.4% Sand, 93.2% Fines
	28.0 – 30.0	24.0	SS-9	15-16-23-27 (39)	28' - Same as above except dense			
30					Bottom of Boring at 30.0 ft bgs on 6/24/2020			

JACOBS

PROJECT NUMBER: E5X71302 | BORING NUMBER: JE-BH-02 SHEET 1 OF 1

SOIL BORING LOG

PROJECT : South Capitol Street Trail, Washington, D.C. LOCATION : South Capitol Street, JBAB Fence (424599.6 N, 1308272.7 E)
ELEVATION : 47.1 ft DRILLING CONTRACTOR : DMY Engineering
DRILLING EQUIPMENT AND METHOD : CME 55 Truck Mounted, 3.25" HSA, SPT, Automatic Hammer ORIENTATION : Vertical
WATER LEVELS ▼ Not Encountered START : 6/23/2020 END : 6/23/2020 LOGGER : A. Albalal

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLOGY	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
47.1 / 0.0					**Ashphalt Pavement** 0-0.33' **Concrete Pavement** 0.33-1'			
	1.0 – 2.0	12.0	SS-1	10-12 (10)	**Silt (ML)** 1-5' - yellow-brown, moist, low plasticity, few Sand, trace Gravel 2' - Same as above except loose 4' - Same as above		2.8	6.8% Sand, 93.2% Fines
	2.0 – 4.0	22.0	SS-2	3-3-4-7 (7)				LL=54, PL=29, PI=25 Wc=20.3%
5 / 42.1	4.0 – 6.0	23.0	SS-3	3-4-7-8 (11)			3.0	
	6.0 – 8.0	24.0	SS-4	2-3-6-8 (9)	**Lean Clay With Sand (CL)** yellow-brown' - moist, stiff, low plasticity, little Sand, little Gravel 6' - Same as above except stiff		4.5	(4-10') Sand content changes through the spoons LL=41, PL=24, PI=17 Wc=23.7% 33.5% Gravel, 1.2% Sand, 65.3% Fines
	8.0 – 10.0	24.0	SS-5	2-3-6-8 (9)	8' - Same as above			
10 / 37.1	10.0 – 13.0				**Calyey Sand (SC)** yellow-brown' - moist, fine grained, some medium plasticity fines			
	13.0 – 15.0	24.0	SS-6	4-5-7-15 (12)	13' - Same as above		4.5	Sealed joint at 19.5
15 / 32.1	15.0 – 18.0				**Elastic Silt (MH)** olive-brown' - moist, stiff, high plasticity, Friable			
	18.0 – 20.0	24.0	SS-7	5-8-13-30 (21)	18' - Same as above except very stiff		4.5	LL=56, PL=31, PI=25 Wc=17.4%
20 / 27.1	20.0 – 23.0				23' - Same as above			
	23.0 – 25.0	24.0	SS-8	7-10-17-31 (27)			4.5	
25 / 22.1	25.0 – 28.0							Drilling was generally very easy to easy with RDR =1-2. The hole was grouted with Cement Grout and cuttings were drummed to be disposed offsite. Cave-in 21 ft. Wc=23.9%
	28.0 – 30.0	24.0	SS-9	7-9-17-25 (26)	28' - Same as above		4.5	
30					Bottom of Boring at 30.0 ft bgs on 6/23/2020			

DISTRICT OF COLUMBIA
DARLON O. SMOKE
NO. PE504766
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

Ch2m· Jacobs

NO	DESCRIPTION	NAME	DATE

REVISIONS

SO-4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SOILS BORING LOGS – 4

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	57 OF 576

p50-P004-687840.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	58	576

JACOBS

PROJECT NUMBER: E5X71302 | BORING NUMBER: JE-BH-03 SHEET 1 OF 2

SOIL BORING LOG

PROJECT: South Capitol Street Trail, Washington, D.C. LOCATION: South Capitol Street, JBAB Fence (427040.1 N, 1306663.0 E)
ELEVATION: 65.4 ft DRILLING CONTRACTOR: DMV Engineering
DRILLING EQUIPMENT AND METHOD: CME 55 Truck Mounted, 3.25" HSA, SPT Automatic Hammer ORIENTATION: Vertical
WATER LEVELS: ▼ Not Encountered START: 6/23/2020 END: 6/23/2020 LOGGER: A. Alsalal

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
65.4	0.0				**Asphalt Pavement** 0-0.33'			0-10 ft Bulk Sample: 31.1% Gravel, 23.5% Sand, 45.4% Fines, LL=30, PL=19, PI=11, Wc=8.3 Well-lion-coring water
	2.0	10.0	SS-1	13-15 (13)	**Concrete Pavement** 0.33-1'			Wc=9.2% 29.7% Gravel, 35.2% Sand, 35.0% Fines (1-7') Sand content changes through the spoons
	4.0	18.0	SS-2	6-8-12-14 (27)	**Poorly Graded Gravel (GP)** 1-1.5' - moist, Base course layer, few Sand **Poorly Graded Sand With Silt (SP-SM)** 1.5-2' - yellow-brown, moist, fine grained			
5 60.4	5.0	23.0	SS-3	5-4-6-5 (10)	**Silty Sand With Gravel (SM)** 2-4' - yellow-brown, moist, medium dense, fine to medium grained, fine to medium Gravel			Wc=10.6% 11.7% Gravel, 14.9% Sand, 73.4% Fines
	6.0	13.0	SS-4	4-7-10-16 (17)	**Sandy Silt (ML)** 4-7.5' - yellow-brown, moist, stiff, low plasticity 6' - Same as above except containg large piece of Gravel			
10 55.4	8.0	24.0	SS-5	4-6-8-13 (14)	**Sandy Silt (ML)** 7.5-9' - gray, moist, stiff, low plasticity 9'-10' - moist, medium dense, fine grained, some medium plasticity clay, trace gravel			
	10.0							
	13.0	10.0	SS-6	4-6-8-10 (14)	**Gravelly Lean Clay (CL)** 13-16' - brown to gray, moist, stiff, low to medium plasticity, little fine Sand			Wc=16.1% 26.3% Gravel, 13.4% Sand, 60.3% Fines
15 50.4	15.0							
	18.0							
	20.0	22.0	SS-7	1-3-4-9 (7)	**Fat Clay (CH)** 18-23' - gray, moist, medium stiff, low to high plasticity			LL=56, PL=29, PI=26
20 45.4	21.0							
	23.0	24.0	ST-8	PUSH				LL=65, PL=19, PI=36 CD Test: c'=256 psf, phi=25.5 degree Consolidation Test Wc=28% 51.5% Fines
	25.0	24.0	SS-9	3-3-8-12 (8)	**Fat Clay (CH)** 23-33' - brown, moist, stiff, medium to high plasticity, joint at 24.5 ft at an angle of ~15 degree			
25 40.4	28.0							
	30.0	24.0	SS-10	5-9-14-26 (23)	28' - Same as above except very stiff, Slickensided, joints at 28.5 ft at an angle of ~30 degree, 29.75 ft at an angle of ~30 degree, 29.25 ft at an angle of ~50 degree, 29.5 ft at an angle of ~50 degree			

JACOBS

PROJECT NUMBER: E5X71302 | BORING NUMBER: JE-BH-03 SHEET 2 OF 2

SOIL BORING LOG

PROJECT: South Capitol Street Trail, Washington, D.C. LOCATION: South Capitol Street, JBAB Fence (427040.1 N, 1306663.0 E)
ELEVATION: 65.4 ft DRILLING CONTRACTOR: DMV Engineering
DRILLING EQUIPMENT AND METHOD: CME 55 Truck Mounted, 3.25" HSA, SPT Automatic Hammer ORIENTATION: Vertical
WATER LEVELS: ▼ Not Encountered START: 6/23/2020 END: 6/23/2020 LOGGER: A. Alsalal

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
65.4	33.0							
35 30.4	35.0	24.0	SS-11	6-8-15-29 (23)	**Lean Clay (CL)** 33-40' - brown, moist, very stiff, medium plasticity			LL=44, PL=25, PI=18 Wc=27.9%
	38.0							
40 25.4	40.0	24.0	SS-12	11-13-18 (31)	38' - Same as above except Slickensided, joints at: 39 ft at an angle of ~50 degree, ; 39.5 ft at an angle of ~45 degree			Drilling was generally very easy to easy with RDR =1.2 Cave-in 37 ft.
					Bottom of Boring at 40.0 ft bgs on 6/23/2020			The hole was grouted with Cement Grout and cuttings were drummed to be disposed offsite. Cave-in 37 ft.
45 20.4								
50 15.4								
55 10.4								
60								

JACOBS

PROJECT NUMBER: E5X71302 | BORING NUMBER: JE-BH-04 SHEET 1 OF 2

SOIL BORING LOG

PROJECT: South Capitol Street Trail, Washington, D.C. LOCATION: South Capitol Street, JBAB Fence (428251.5 N, 1306861.5 E)
ELEVATION: 48.8 ft DRILLING CONTRACTOR: DMV Engineering
DRILLING EQUIPMENT AND METHOD: CME 55 Truck Mounted, 3.25" HSA, SPT Automatic Hammer ORIENTATION: Vertical
WATER LEVELS: ▼ 21.0 ft bgs START: 6/22/2020 END: 6/22/2020 LOGGER: A. Alsalal

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
48.8	0.0				**Top Soil** 0-0.25'			0-15 ft Bulk Sample: Wc=10.6%
	2.0	19.0	SS-1	2-6-6-5 (12)	**Silty Sand (SM)** 0.25-3.25' - olive-brown, moist, medium dense, fine grained 2' - Same as above except trace medium gravel			
	4.0	21.0	SS-2	3-2-2-1 (4)	**Clayey Sand (SC)** 3.25-4' - olive-brown, moist, fine to medium grained			Wc=15.2% 6% Gravel, 26.3% Sand, 55.7% Fines
5 43.8	5.0	18.0	SS-3	1-1-WOH-1	**Sandy Silt (ML)** 4-6.25' - olive-brown, moist, very soft, low plasticity, little fine to medium Sand 6' - Same as above			
	6.0	22.0	SS-4	2-4-5-9 (9)	**Poorly Graded Sand (SP)** 6.25-13.5' - olive-brown, moist, loose, fine to medium grained, trace silt 9' - Same as above except medium dense; Little Sand in the bottom 3"			Wc=9.1%
10 38.8	8.0	18.0	SS-5	5-8-4-4 (12)				
	10.0							
	13.0				13' - Same as above			
15 33.8	15.0	18.0	SS-6	2-11-15-10 (26)	**Poorly Graded Gravel And Sand (GP)** 13.5-18' - olive-gray, moist, medium dense, fine to medium grained, trace Silt			
	18.0							
20 28.8	20.0	21.0	SS-7	12-12-10-15 (22)	**Silty Gravel With Sand (GM)** 18-23' - light brown, moist, medium dense, fine grained, some fine to coarse Sand, little fines			Wc=6.2% 44.4% Gravel, 33.8% Sand, 21.8% Fines
	23.0	17.0	SS-8	3-13-13-21 (26)	23' - Same as above except wet			47.6% Gravel, 30.4% Sand, 22.0% Fines Water encountered at ~24 ft during drilling
25 23.8	25.0							
	28.0	22.0	SS-9	3-1-WOH-2	**Silty Sand (SM)** 26-29' - brown, wet, very loose, fine grained **Fat Clay (CH)** 29-33' - gray, wet, stiff			LL=54, PL=23, PI=31
30 18.8	30.0							

JACOBS

PROJECT NUMBER: E5X71302 | BORING NUMBER: JE-BH-04 SHEET 2 OF 2

SOIL BORING LOG

PROJECT: South Capitol Street Trail, Washington, D.C. LOCATION: South Capitol Street, JBAB Fence (428251.5 N, 1306861.5 E)
ELEVATION: 48.8 ft DRILLING CONTRACTOR: DMV Engineering
DRILLING EQUIPMENT AND METHOD: CME 55 Truck Mounted, 3.25" HSA, SPT Automatic Hammer ORIENTATION: Vertical
WATER LEVELS: ▼ 21.0 ft bgs START: 6/22/2020 END: 6/22/2020 LOGGER: A. Alsalal

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
48.8	33.0							
35 13.8	35.0	22.0	SS-10	1-1-13-21 (14)	**Sandy Silt (ML)** 33-38' - olive-gray, wet, stiff, low plasticity, some fine Sand			Wc=23.2% 14.2% Gravel, 27.8% Sand, 58.0% Fines Soil in a liquified-like state
	38.0							
40 9.8	40.0	21.0	SS-11	3-2-1-4 (3)	**Poorly Graded Sand With Gravel (SP)** 38-43' - olive-gray, wet, very loose, fine to medium grained, little fine to medium gravel			
	43.0							Drilling was generally very easy to easy with RDR =1.2 Cave-in 42 ft after drilling.
45 3.8	45.0	24.0	SS-12	2-6-7-9 (13)	**Sandy Lean Clay (CL)** 43-45' - gray, wet, stiff, low plasticity			LL=43, PL=24, PI=19 Wc=23.8% The hole was grouted on 6/23/2020 at 7 AM with Cement Grout and cuttings were drummed to be disposed offsite. Groundwater depth after 24 hours is 21 ft, Cave-in 42 ft.
					Bottom of Boring at 45.0 ft bgs on 6/22/2020			
50 -1.2								
55 -6.2								
60								

JACOBS

PROJECT NUMBER: E5X71302 | BORING NUMBER: JE-BH-05 SHEET 1 OF 1

SOIL BORING LOG

PROJECT: South Capitol Street Trail, Washington, D.C. LOCATION: South Capitol Street (431245.2 N, 1310015.9 E)
ELEVATION: 20.2 ft DRILLING CONTRACTOR: DMV Engineering
DRILLING EQUIPMENT AND METHOD: CME 55 Truck Mounted, 3.25" HSA, SPT Automatic Hammer ORIENTATION: Vertical
WATER LEVELS: ▼ Not Encountered START: 6/23/2020 END: 6/23/2020 LOGGER: A. Alsalal

DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)	RECOVERY (in)	#TYPE	STANDARD PENETRATION TEST RESULTS (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	PP (TSF)	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION
20.2	0.0				**Top Soil** 0-0.25'			0-10 ft Bulk Sample: 15.7% Gravel, 23.7% Sand, 60.6% Fines, LL=41, PL=21, PI=20, Wc=15.8
	2.0	18.0	SS-1	1-1-1-2 (2)	**Clayey Sand (SC)** 0.25-2' - light brown, moist, very loose, fine grained, some gravel in the bottom 6"			SS-1: 52.2% Gravel, 9.2% Sand, 38.6% Fines
	4.0	14.0	SS-2	3-4-1-5 (5)	**Fat Clay (CH)** 2-3' - brown, moist, very stiff, high plasticity			1-6 ft Gravel cuttings during drilling
5 15.2	5.0	20.0	SS-3	2-2-3-4 (5)	**Clayey Gravel (GC)** 3-6' - olive-brown, moist, fine grained, little fine Sand, some low plasticity fines 4' - Same as above except loose, higher clay content			spoon contains pieces of a PVC pipe and some water on the spoon 75.4% Gravel, 8.4% Sand, 16.3% Fines
	6.0	18.0	SS-4	1-3-6-6 (9)	**Clayey Gravel With Sand (GC)** 6-11' - olive-brown, moist, loose, fine to medium grained, little fine Sand, some low to medium plasticity fines 8' - Same as above			LL=51, PL=21, PI=30 Wc=20.5%
10 10.2	8.0	22.0	SS-5	2-2-4-5 (6)				Wc=17.9% 51.4% Gravel, 21.7% Sand, 26.9% Fines
	10.0							
	11.0							
	13.0	22.0	ST-6	PUSH	**Sandy Lean Clay (CL)** 11-13' - brown, moist, low plasticity, fine Sand			LL=27, PL=14, PI=13 CD Test: c'=63.2 psf, phi=33.9 degree Consolidation and Swelling Tests Wc=17.1% 68.2% Fines
	13.0	23.0	SS-7	3-3-4-6 (7)	**Clayey Sand (SC)** 13-14.25' - olive-brown, moist, loose, some non-plastic fines			
15 5.2	15.0				**Fat Clay (CH)** 14.25-18' - gray, moist, stiff, medium to high plasticity, trace Gravel			
	18.0							
20 0.2	20.0	24.0	SS-8	7-8-10-15 (18)	**Fat Clay (CH)** 18-30' - olive-gray, gray mottling, moist, very stiff, medium to high plasticity, friable			
	23.0							
25 -4.8	25.0	24.0	SS-9	5-6-10-17 (16)	23' - Same as above except Slickensided, joints at: 24 ft at an angle of ~35 degree, 24.5 ft at an angle of ~75 degree			LL=77, PL=34, PI=43 Wc=29.5%
	28.0							Drilling was generally very easy to easy with RDR =1.2.
30 -9.8	30.0	24.0	SS-10	7-9-13-21 (22)	28' - Same as above except Slickensided, joints at: 29.5 ft at an angle of ~40 degree			The hole was grouted with Cement Grout and cuttings were drummed to be disposed offsite. Cave-in 21 ft.
					Bottom of Boring at 30.0 ft bgs on 6/23/2020			

SO-5

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY YLC
CHECKED BY MS
DRAWN BY GP
PROJECT MGR. MS

DIVISION CHIEF
DATE
FILE
SHEET 58 OF 576

SOIL BORING LOGS – 5

DISTRICT OF COLUMBIA · MARLON G. SIMONS · NO. PE904706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

Ch2M· Jacobs

NO.	DESCRIPTION	NAME	DATE

REVISIONS

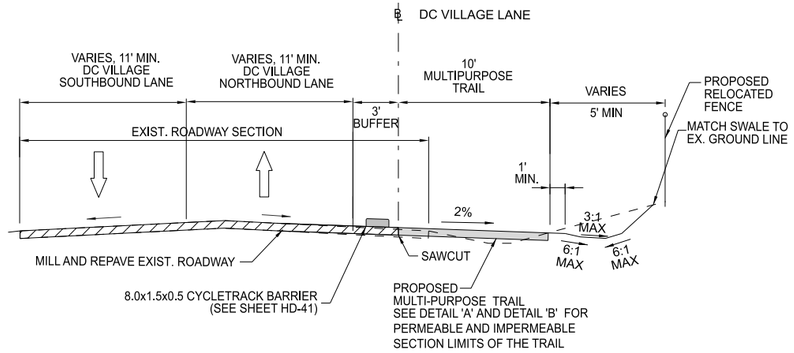
p50-P005-687840.dgn
2/24/2026

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	59	576

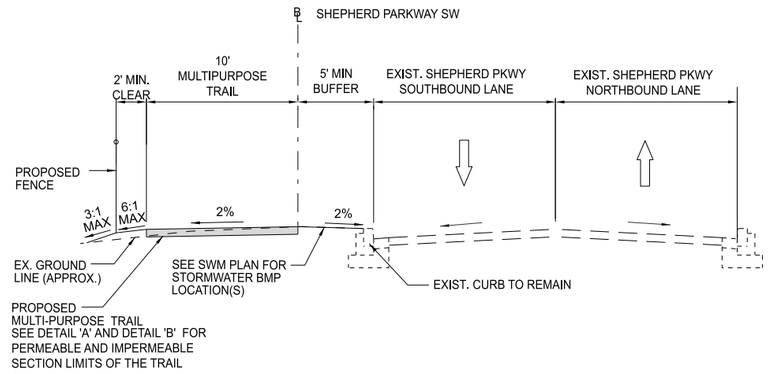
FOR DETAIL A, SEE SHEET SD-1 DRAINAGE DETAILS

LIMITS OF PERMEABLE ASPHALT TRAIL

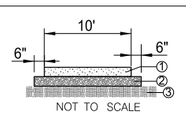
STA. 10+30 TO 12+00
STA. 12+60 TO 21+50
STA. 21+75 TO 30+34
STA. 50+06 TO 53+50
STA. 55+50 TO 63+32
STA. 100+27 TO 106+50
STA. 107+05 TO 120+80
STA. 127+42 TO 141+00
STA. 143+00 TO 161+50
STA. 167+00 TO 170+00
STA. 170+75 TO 188+00
STA. 189+50 TO 192+00
STA. 203+50 TO 207+50
STA. 217+00 TO 221+00



PROPOSED TRAIL TYPICAL SECTION
DC VILLAGE LANE
STATION 10+00 TO STATION 21+17



PROPOSED TRAIL TYPICAL SECTION
SHEPHERD PARKWAY SW
STATION 40+00 TO STATION 44+50

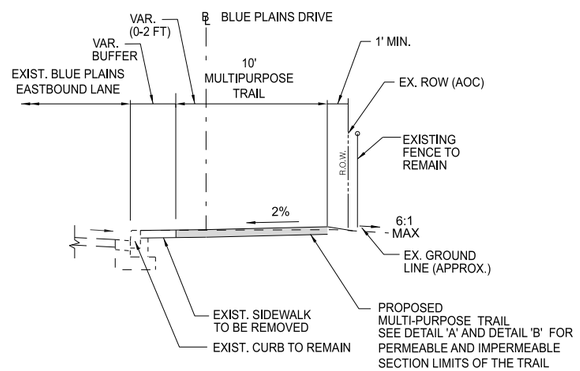


① 4" ASHPALT SUPERPAVE SURFACE BASE COURSE 9.5MM
② 6" COMPACTED AGGREGATE BASE ON COMPACTED SUBGRADE
③ SOIL SUBGRADE

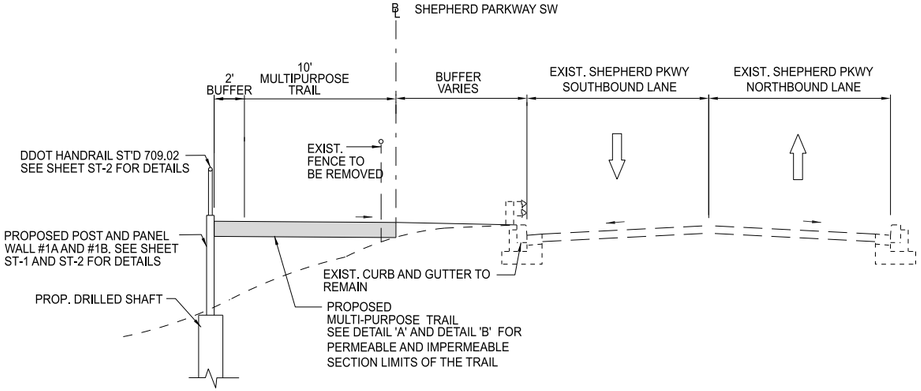
DETAIL B – IMPERMEABLE ASPHALT TRAIL

LIMITS OF IMPERMEABLE ASPHALT TRAIL

STA. 10+00 TO 10+30
STA. 12+00 TO 12+60
STA. 21+50 TO 21+75
STA. 40+25 TO 50+06
STA. 53+50 TO 55+50
STA. 63+32 TO 66+31
STA. 106+50 TO 107+05
STA. 120+80 TO 127+42
STA. 141+00 TO 143+00
STA. 161+50 TO 167+00
STA. 170+00 TO 170+75
STA. 188+00 TO 189+00
STA. 192+00 TO 203+50
STA. 207+50 TO 217+00
STA. 221+00 TO 247+60



PROPOSED TRAIL TYPICAL SECTION
BLUE PLAINS DRIVE
STATION 21+17 TO STATION 30+75



PROPOSED TRAIL TYPICAL SECTION
SHEPHERD PARKWAY SW
STA. 44+55 TO STA. 50+06
STA. 52+14 TO STA. 53+06

DISTRICT OF COLUMBIA
MARION G. SMOLA
NO. PE901706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHT-P001_SCSTrail.dgn
2/24/2026

NOTE:

PROOF ROLLING OF THE EXISTING ROAD BED SOILS IS REQUIRED PRIOR TO REPLACEMENT OF THE SOIL'S BASE MATERIAL. UNSTABLE ROADBED SOILS DETECTED DURING PROOF ROLLING MUST BE REMOVED AND REPLACED WITH APPROVED SOIL BASE MATERIAL. THE DEPTH OF THE UNDERCUT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION. THE SUBGRADE MUST BE COMPACTED TO THE SPECIFIED PERCENTAGE OF THE MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T-180 METHOD (D).

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HT–1

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED TRAIL TYPICAL SECTIONS DC VILLAGE LANE, BLUE PLAINS DRIVE, AND SHEPHERD PARKWAY

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

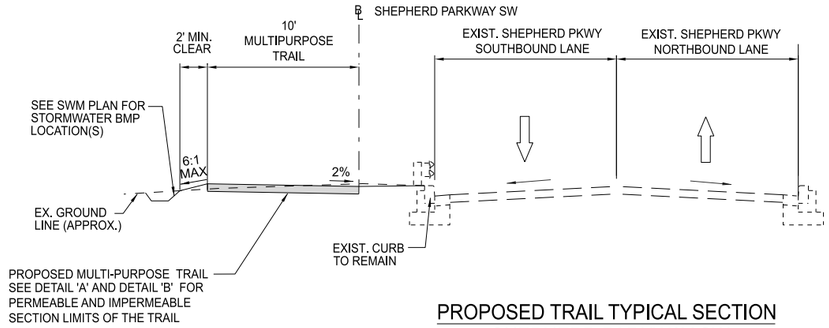
DIVISION CHIEF

DATE

FILE

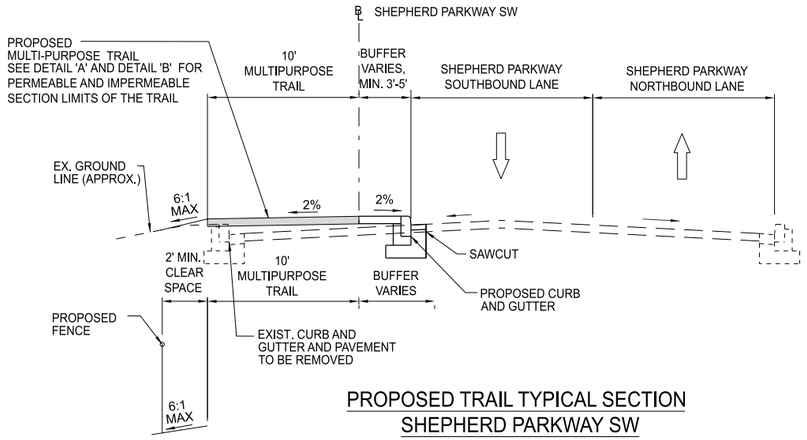
SHEET 59 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	60	576

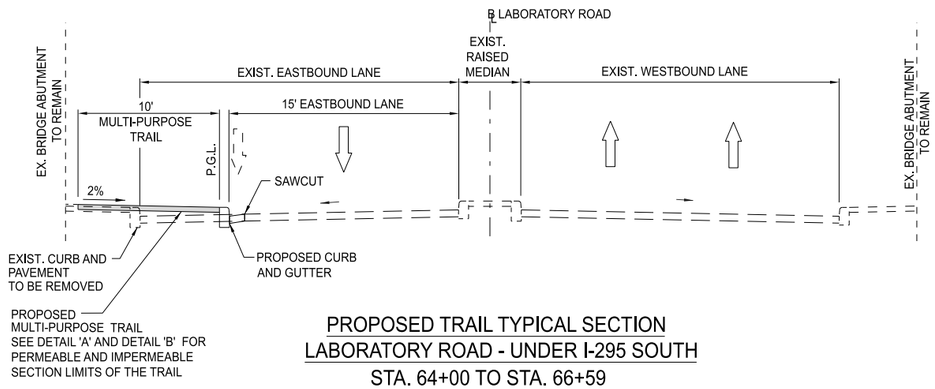


PROPOSED TRAIL TYPICAL SECTION
SHEPHERD PARKWAY SW
**STATION 50+06 TO STATION 57+95

**PROPOSED WALL #1B FROM STA. 52+30 TO STA. 53+00
SEE TYPICAL SECTION SHEET HT-1 FOR DETAILS



PROPOSED TRAIL TYPICAL SECTION
SHEPHERD PARKWAY SW
STATION 59+27 TO STATION 64+00



PROPOSED TRAIL TYPICAL SECTION
LABORATORY ROAD - UNDER I-295 SOUTH
STA. 64+00 TO STA. 66+59

NOTE:

PROOF ROLLING OF THE EXISTING ROAD BED SOILS IS REQUIRED PRIOR TO REPLACEMENT OF THE SOIL'S BASE MATERIAL. UNSTABLE ROADBED SOILS DETECTED DURING PROOF ROLLING MUST BE REMOVED AND REPLACED WITH APPROVED SOIL BASE MATERIAL. THE DEPTH OF THE UNDERCUT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION. THE SUBGRADE MUST BE COMPACTED TO THE SPECIFIED PERCENTAGE OF THE MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T-180 METHOD (D).

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

HT–2

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED TRAIL TYPICAL SECTIONS SHEPHERD PARKWAY AND LABORATORY ROAD

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

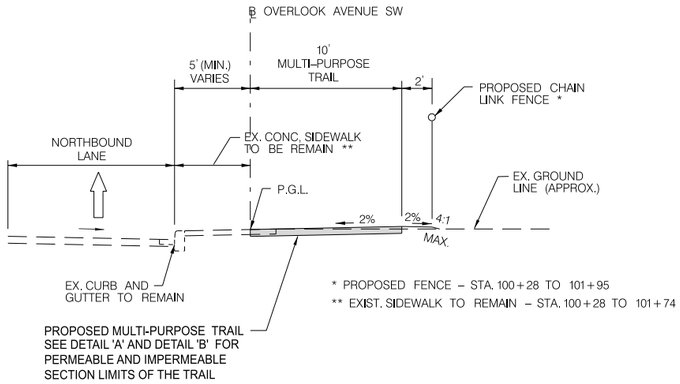
DATE

FILE

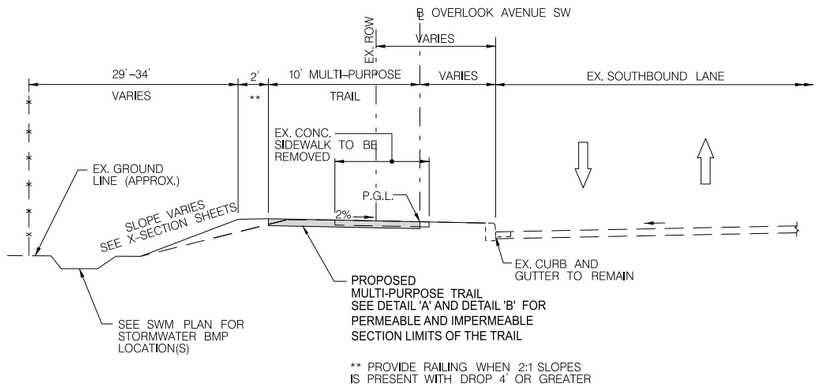
SHEET 60 OF 576

pHT-P002_SCSTrail.dgn
2/24/2026

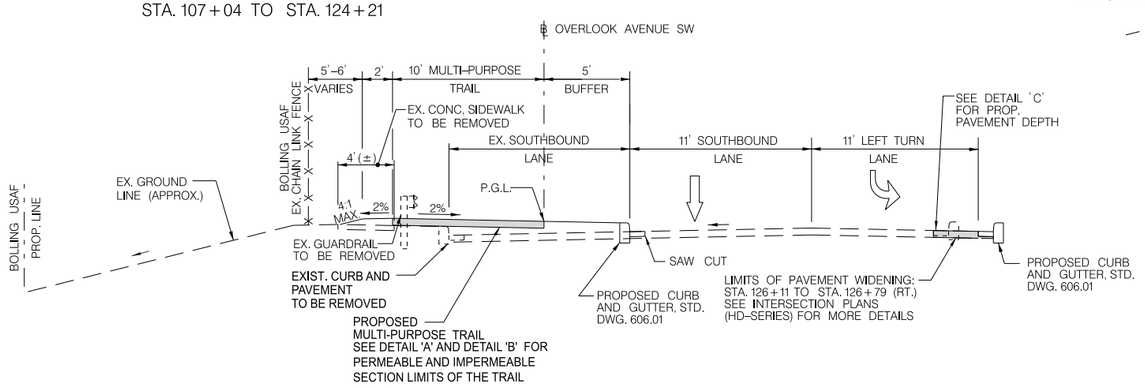
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	61	576



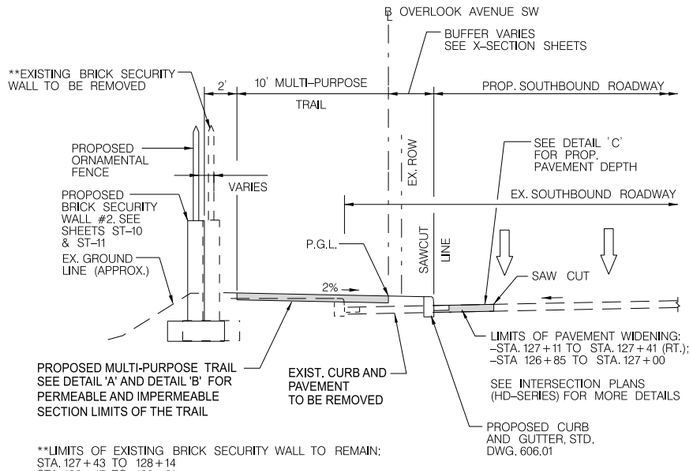
PROPOSED TRAIL TYPICAL SECTION
OVERLOOK AVENUE SW
STA. 100+17 TO STA. 107+03



PROPOSED TRAIL TYPICAL SECTION
OVERLOOK AVENUE SW
STA. 107+04 TO STA. 124+21

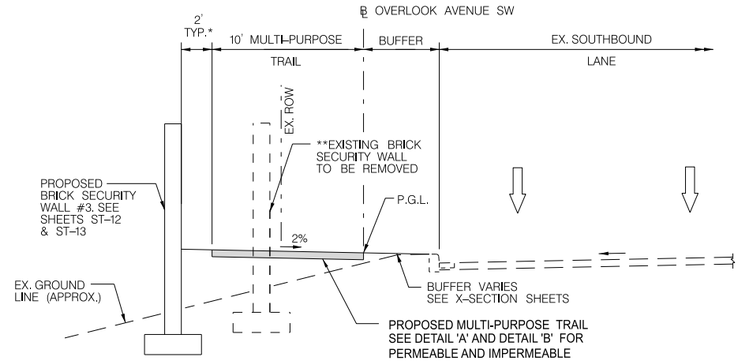


PROPOSED TRAIL TYPICAL SECTION
OVERLOOK AVENUE SW
STA. 124+21 TO STA. 127+00



**LIMITS OF EXISTING BRICK SECURITY WALL TO REMAIN:
STA. 127+43 TO 128+14
STA. 136+47 TO 136+81
STA. 141+16 TO 161+28

PROPOSED TRAIL TYPICAL SECTION
OVERLOOK AVENUE SW
STA. 127+43 TO STA. 161+28

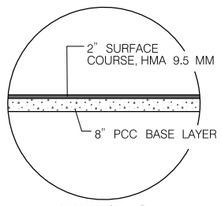


* OFFSET 2' TO 0' AT STA. 171+00 TO 171+37.50

* PROPOSED WALL CONSTRUCTION ENDS AND MATCHES WITH EXISTING WALL COLUMN AT STA. 171+37.50

**LIMITS OF EXISTING BRICK SECURITY WALL TO REMAIN:
STA. 171+37.50 TO STA. 183+99

PROPOSED TRAIL TYPICAL SECTION
OVERLOOK AVENUE SW
STA. 161+31 TO STA. 171+37.50



DETAIL C
NOT TO SCALE

NOTE:

PROOF ROLLING OF THE EXISTING ROAD BED SOILS IS REQUIRED PRIOR TO REPLACEMENT OF THE SOIL'S BASE MATERIAL. UNSTABLE ROADBED SOILS DETECTED DURING PROOF ROLLING MUST BE REMOVED AND REPLACED WITH APPROVED SOIL BASE MATERIAL. THE DEPTH OF THE UNDERCUT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION. THE SUBGRADE MUST BE COMPACTED TO THE SPECIFIED PERCENTAGE OF THE MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T-180 METHOD (D).

DISTRICT OF COLUMBIA
CHARLON D. SHORES
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHT-P003_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

HT–3

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

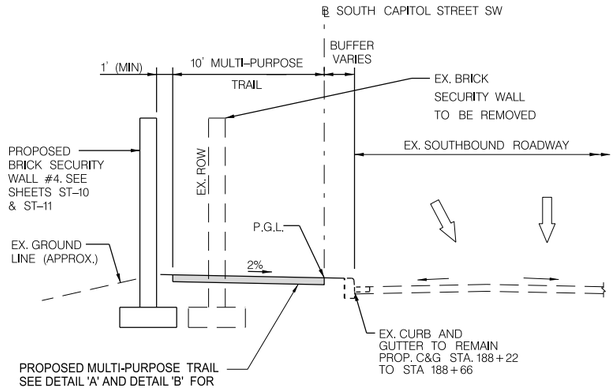
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

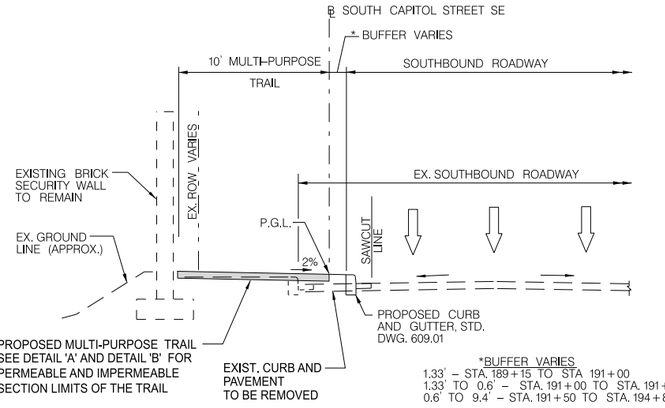
PROPOSED TRAIL TYPICAL SECTIONS OVERLOOK AVENUE

DIVISION CHIEF
DATE
FILE
SHEET 61 OF 576

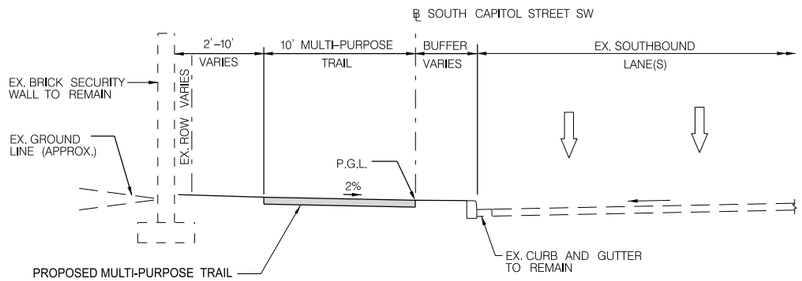
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	62	576



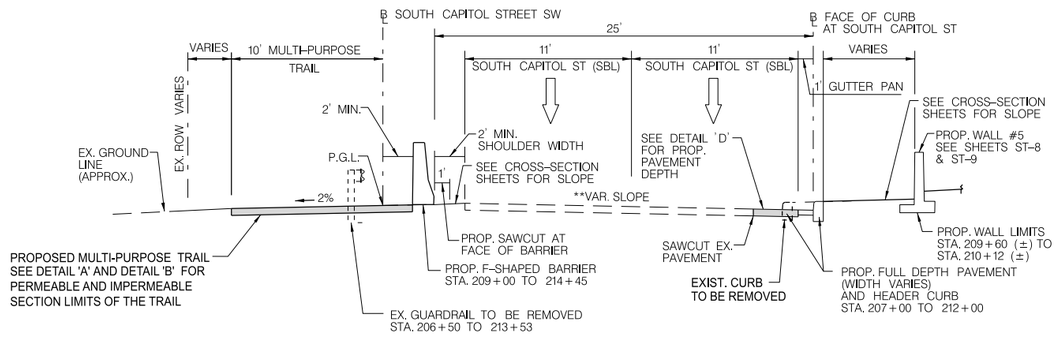
PROPOSED TRAIL TYPICAL SECTION
RAMP FROM MALCOLM X AVENUW, SE
STA. 184+02 TO STA. 187+80



PROPOSED TRAIL TYPICAL SECTION
RAMP TO MALCOLM X AVENUE SE
STA. 189+00 TO STA. 194+88

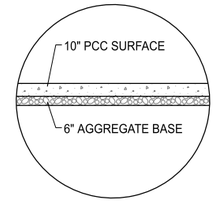


PROPOSED TRAIL TYPICAL SECTION
SOUTH CAPITOL STREET
STA. 194+88 TO STA. 206+45

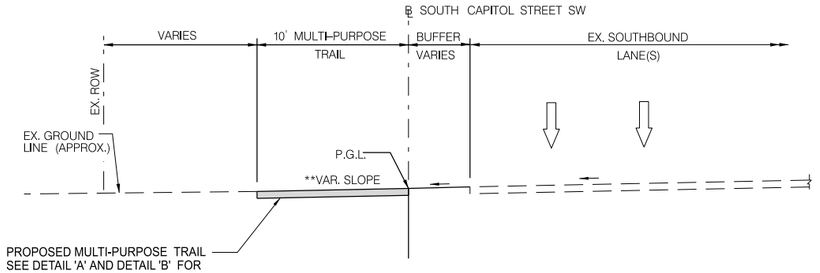


** REFER TO CROSS-SECTION SHEETS FOR NORMAL CROWN AND SUPERELEVATION STATION LIMITS AT STA. (206+45 TO 211+55)

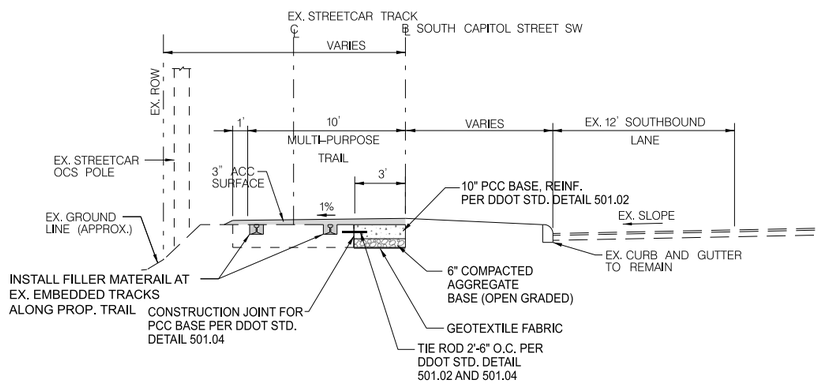
PROPOSED TRAIL TYPICAL SECTION AND
PROPOSED TYPICAL SECTION AT SOUTH CAPITOL STREET
STA. 206+45 TO STA. 214+45



DETAIL D
NOT TO SCALE



PROPOSED TRAIL TYPICAL SECTION AND
PROPOSED TYPICAL SECTION AT SOUTH CAPITOL STREET
STA. 214+45 TO STA. 229+40



NOTE:
PAVEMENT JOINT LAYOUT SHALL BE IN PER DDOT STD. DETAIL 501.01. LONGITUDINAL JOINT IS ONLY ALLOWED BETWEEN NEW PCC BASE AND EXISTING REINFORCED PCC.

** REFER TO CROSS-SECTION SHEETS FOR SLOPE VARIATION

PROPOSED TRAIL TYPICAL SECTION AND
PROPOSED TYPICAL SECTION AT SOUTH CAPITOL STREET
STA. 229+40 TO STA. 247+53

NOTE:

PROOF ROLLING OF THE EXISTING ROAD BED SOILS IS REQUIRED PRIOR TO REPLACEMENT OF THE SOIL'S BASE MATERIAL. UNSTABLE ROADBED SOILS DETECTED DURING PROOF ROLLING MUST BE REMOVED AND REPLACED WITH APPROVED SOIL BASE MATERIAL. THE DEPTH OF THE UNDERCUT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION. THE SUBGRADE MUST BE COMPACTED TO THE SPECIFIED PERCENTAGE OF THE MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T-180 METHOD (D).

DISTRICT OF COLUMBIA
MARLON D. SMOAK
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHT-P004_SCSTr-all.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HT-4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED TRAIL TYPICAL SECTIONS SOUTH CAPITOL STREET AND MALCOLM X AVENUE

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 62 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	63	576

LIMIT OF WORK

ALIGNMENT 1

DC VILLAGE – BLUE PLAINS

STA. 10+00.00

MATCH EXISTING TRAIL IN LINE AND GRADE, TYP. (EX. TRAIL CONNECT THROUGH EX. DRWY)

MATCH EXISTING TRAIL IN LINE AND GRADE, TYP. (EX. TRAIL CONNECT THROUGH EX. DRWY)

EXISTING TRAIL

EXISTING DRIVEWAY

DC VILLAGE – BLUE PLAINS CONSTRUCTION ℄

DC VILLAGE LANE

PROP. CYCLE TRACK BARRIER

PROPOSED 10' MULTI-PURPOSE TRAIL

PROPOSED CURB AND GUTTER

REMOVE EXISTING CURB

STA. 12+20 MATCH EXISTING CURB ℄

PROPOSED CURB AND GUTTER

REMOVE EXISTING CURB

STA. 12+42 MATCH EXISTING CURB

SUCCESS AVENUE SW

MATCH LINE – STA. 14+25, SEE SHEET HD-2

SQUARE 6264 A&T LOT 802
DISTRICT OF COLUMBIA
D.C. VILLAGE
A&T PLAT 3855–H

MULTI-PURPOSE TRAIL STATION/OFFSET POINT DATA

1–1	STA. 10+02.57 OFF=12.9' RT
1–2	STA. 10+61.07
1–3	STA. 10+98.85
1–4	STA. 11+71.75
1–5	STA. 12+11.13 OFF=10.0' RT
1–6	STA. 12+51.07 OFF=10.0' RT

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · MARION G. SMOAK · NO. PE004706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

pHD-P001_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

HD–1

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

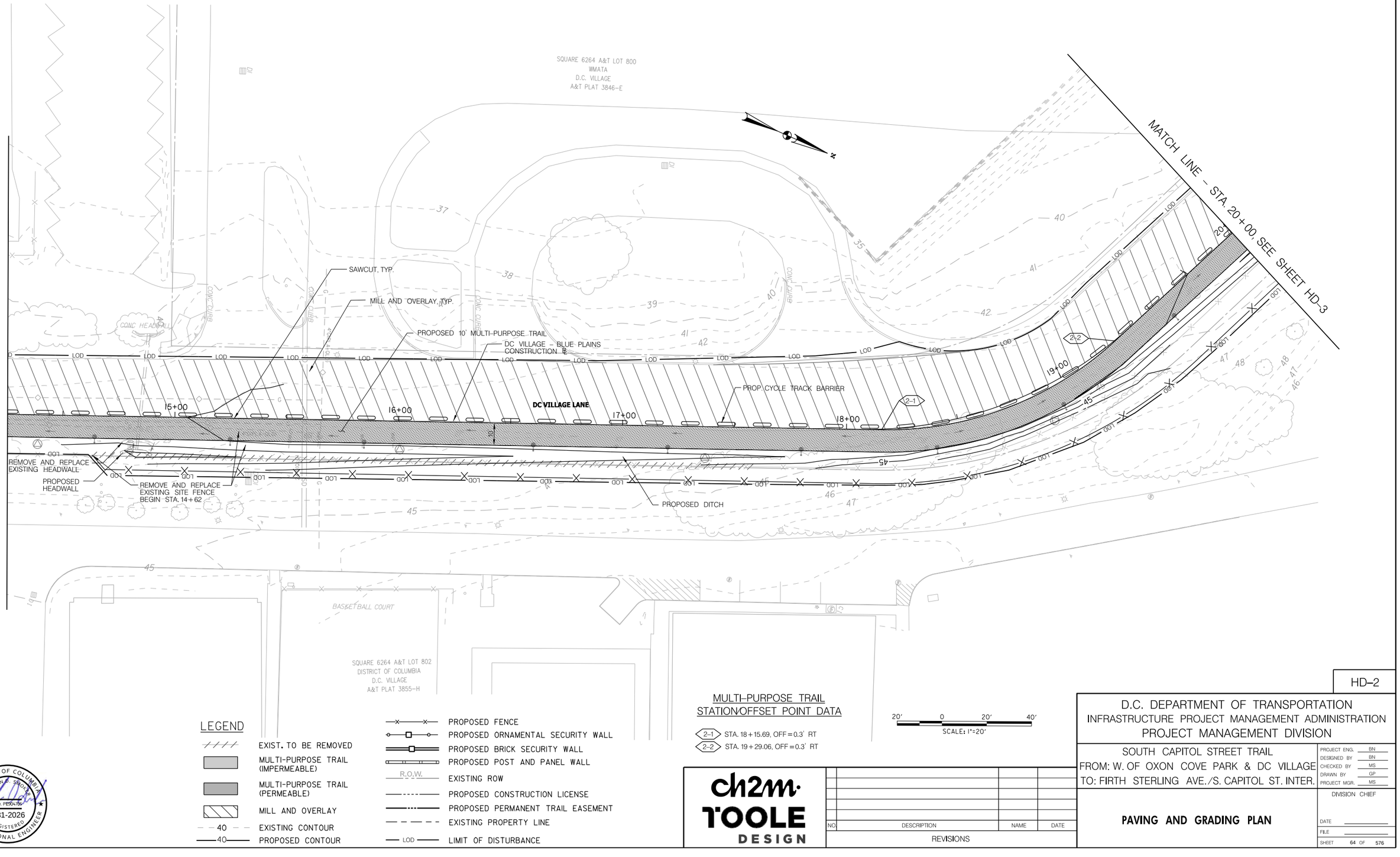
DIVISION CHIEF

DATE

FILE

SHEET 63 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	64	576



LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

MULTI-PURPOSE TRAIL STATION/OFFSET POINT DATA

2-1 STA. 18+15.69, OFF=0.3' RT

2-2 STA. 19+29.06, OFF=0.3' RT

20' 0 20' 40'

SCALE: 1"=20'

HD-2

DISTRICT OF COLUMBIA
MARLON G. SMOAK
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

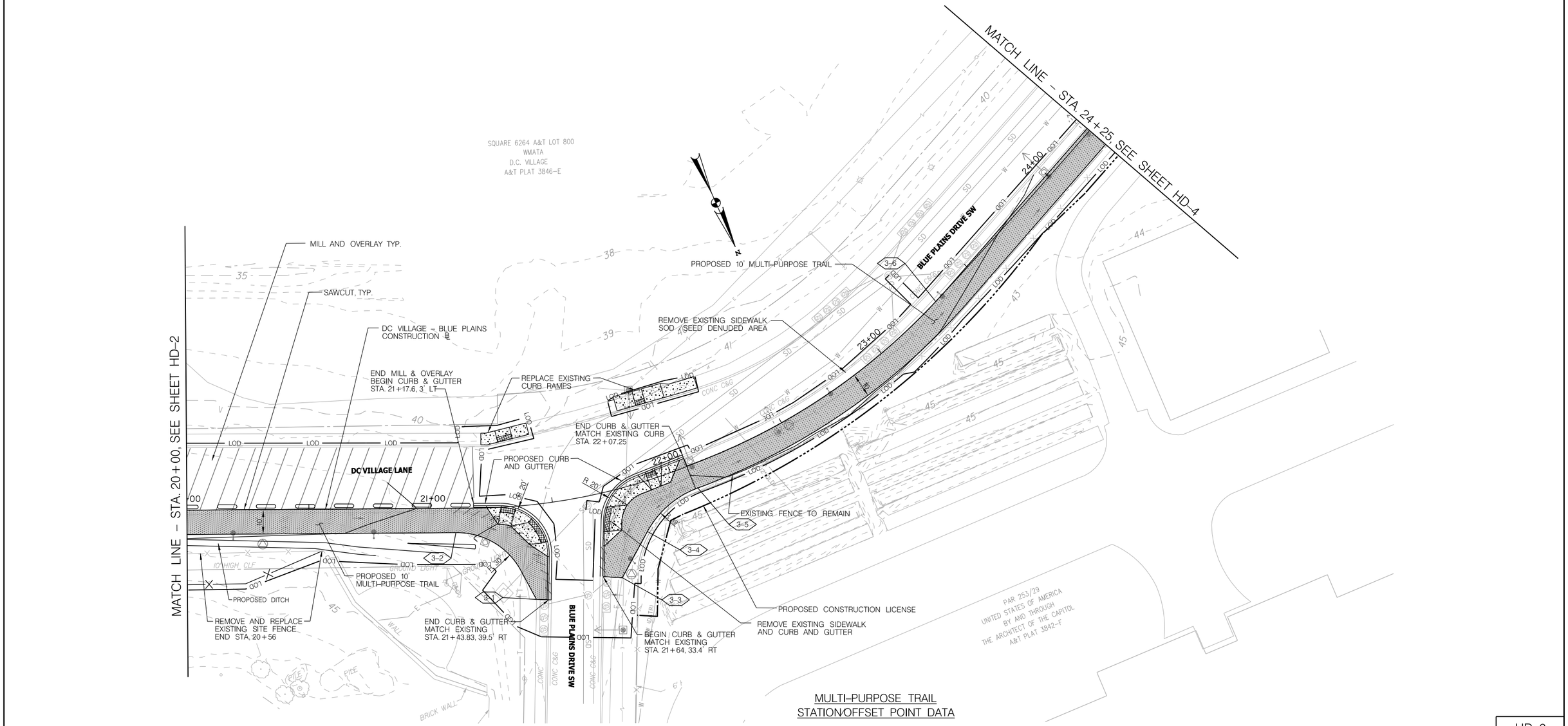
DATE

FILE

SHEET 64 OF 576

pHD-P002_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	65	576



MULTI-PURPOSE TRAIL STATION/OFFSET POINT DATA

- 3-1 STA. 21+39.52 OFF=38.8' RT
- 3-2 STA. 21+70.96, OFF=35.8' RT
- 3-3 STA. 21+71.00, OFF=35.8' RT
- 3-4 STA. 21+84.20, OFF=20' RT
- 3-5 STA. 22+08.11, OFF=10' RT
- 3-6 STA. 23+30.80

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

DISTRICT OF COLUMBIA
DARRYN O. SMOAK
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHD-P003_SCSTr-all.dgn
2/24/2026

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

HD-3

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

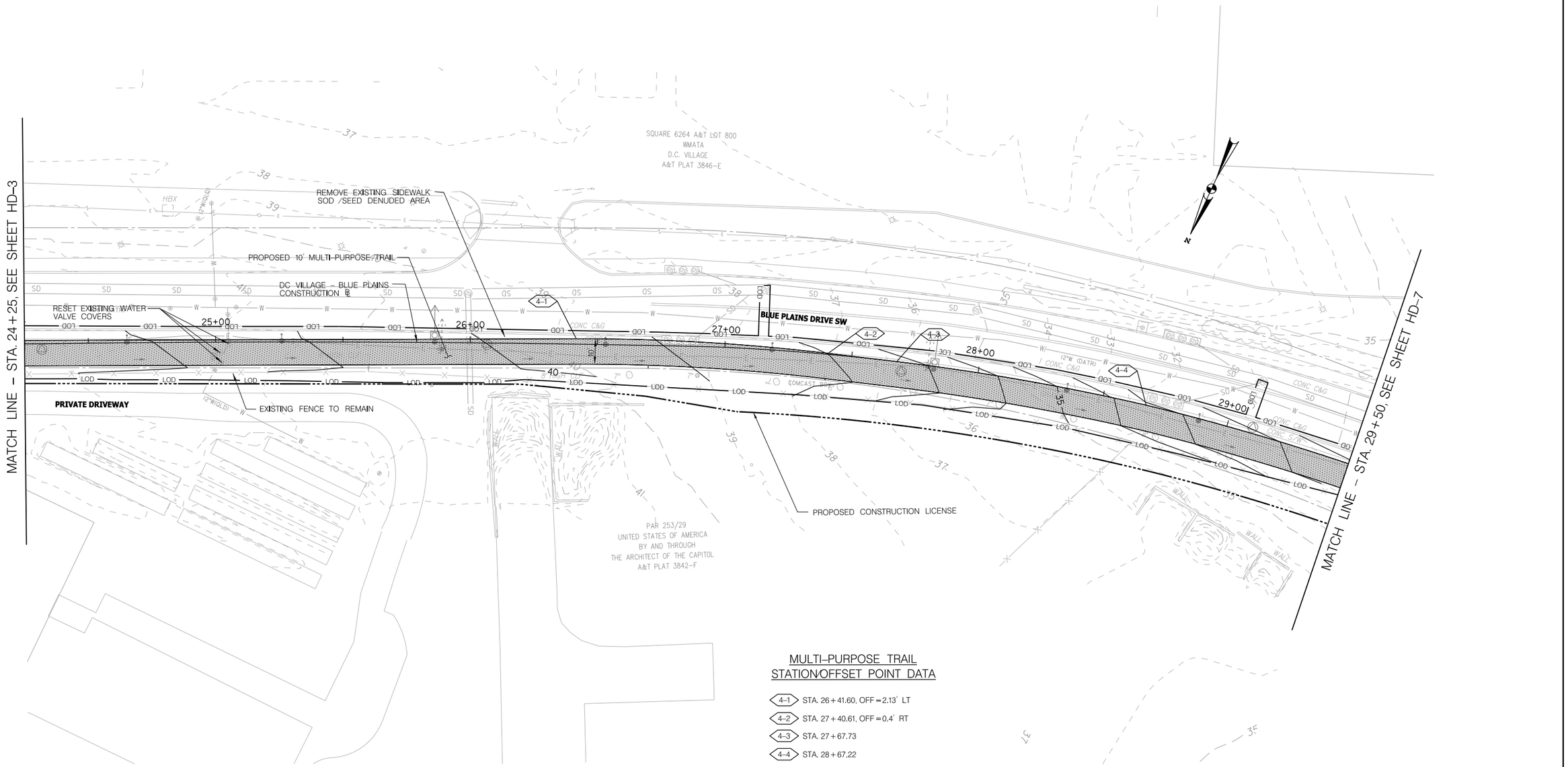
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 65 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	66	576



MULTI-PURPOSE TRAIL STATION/OFFSET POINT DATA

- 4-1 STA. 26+41.60, OFF=2.13' LT
- 4-2 STA. 27+40.61, OFF=0.4' RT
- 4-3 STA. 27+67.73
- 4-4 STA. 28+67.22

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARLON D. SMOOT
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

HD-4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

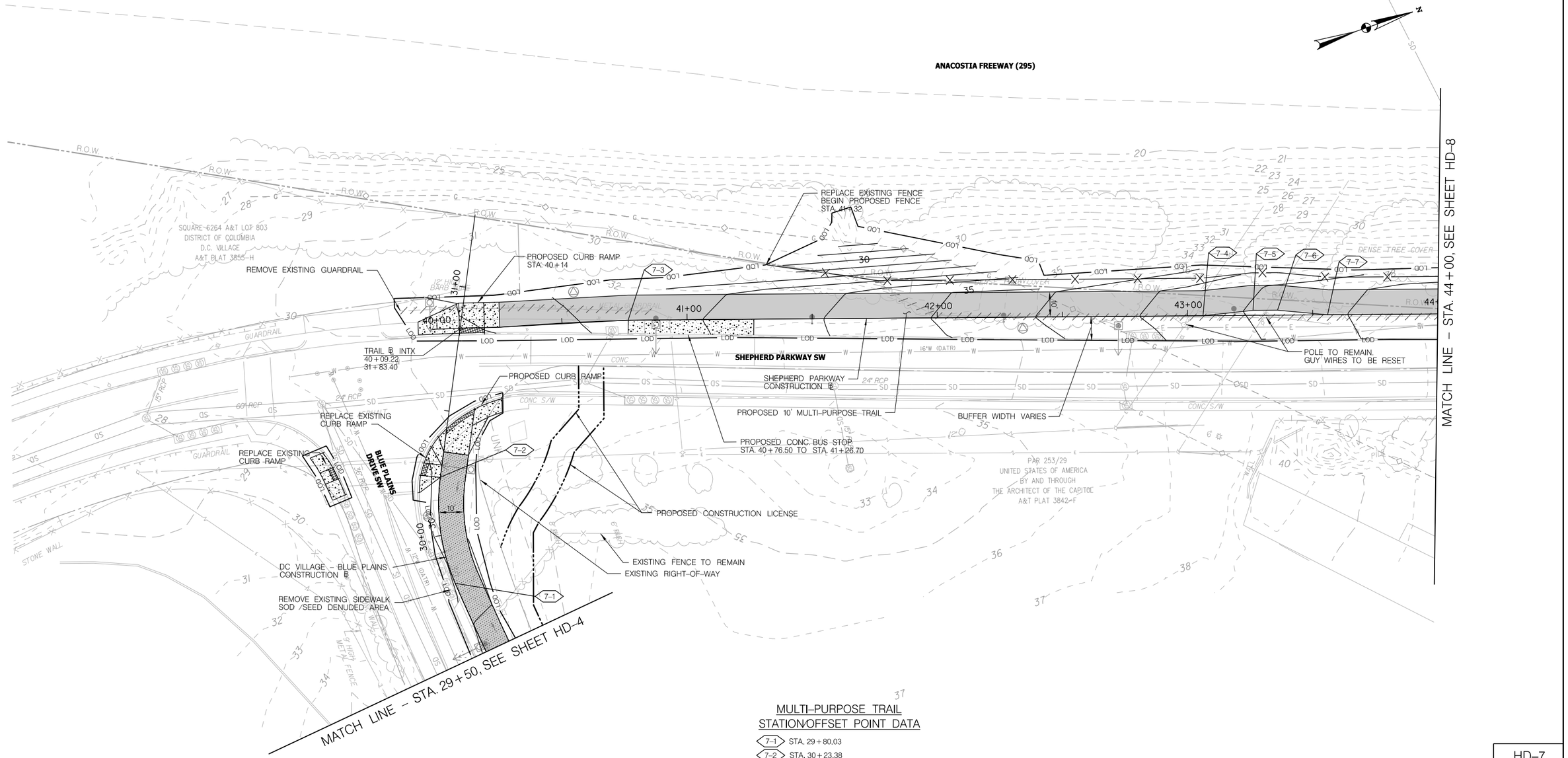
DATE

FILE

SHEET 66 OF 576

phD-P004_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	67	576



MULTI-PURPOSE TRAIL STATION/OFFSET POINT DATA

- 7-1 STA. 29+80.03
- 7-2 STA. 30+23.38
- 7-3 STA. 40+76.50
- 7-4 STA. 43+06.18
- 7-5 STA. 43+26.19, OFF=2.0' LT
- 7-6 STA. 43+35.98, OFF=2.0' LT
- 7-7 STA. 43+55.96

20' 0 20' 40'
SCALE: 1"=20'

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHD-P007_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

HD-7

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

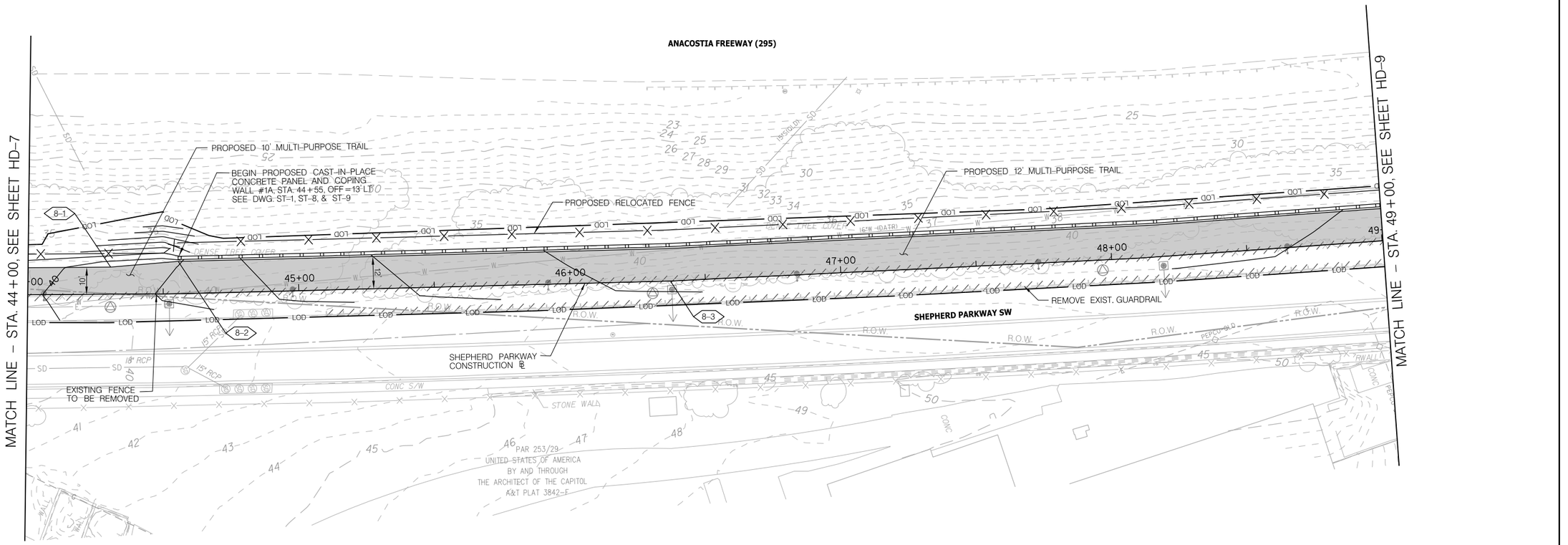
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 67 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	68	576



LEGEND

EXIST. TO BE REMOVED	PROPOSED FENCE
MULTI-PURPOSE TRAIL (IMPERMEABLE)	PROPOSED ORNAMENTAL SECURITY WALL
MULTI-PURPOSE TRAIL (PERMEABLE)	PROPOSED BRICK SECURITY WALL
MILL AND OVERLAY	PROPOSED POST AND PANEL WALL
40 EXISTING CONTOUR	R.O.W. EXISTING ROW
40 PROPOSED CONTOUR	PROPOSED CONSTRUCTION LICENSE
	PROPOSED PERMANENT TRAIL EASEMENT
	EXISTING PROPERTY LINE
	LOD LIMIT OF DISTURBANCE

MULTI-PURPOSE TRAIL
STATION/OFFSET POINT DATA

8-1 STA. 44+30.68, OFF=10' LT
8-2 STA. 44+55.61, OFF=12' LT
8-3 STA. 46+37.14

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
SHANLON D. SNOW
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

HD–8

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

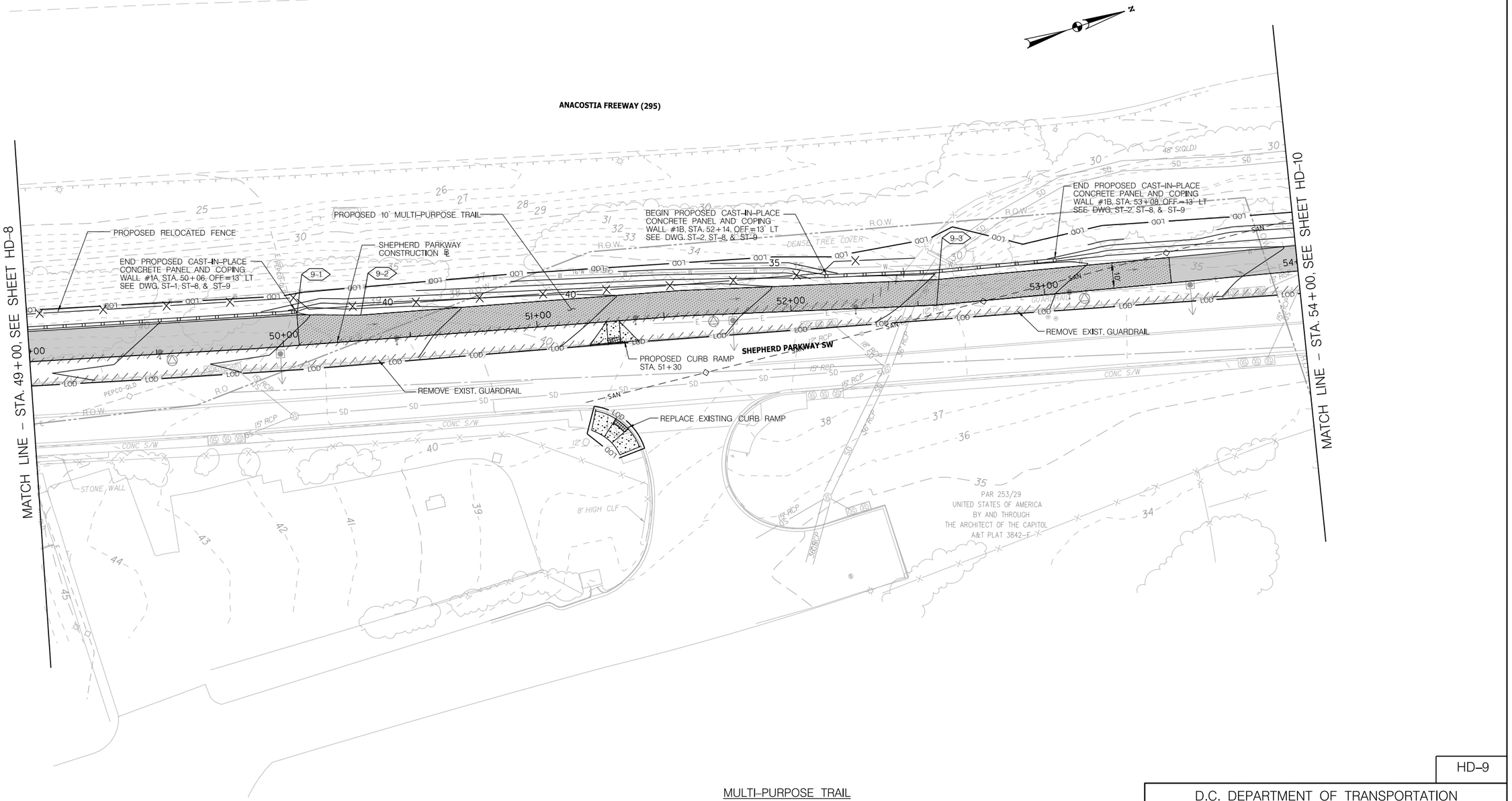
PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 68 OF 576

pHD-P008_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	69	576



HD-9

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

MULTI-PURPOSE TRAIL
STATION/OFFSET POINT DATA

- 9-1 STA. 50+06.18, OFF=12' LT
- 9-2 STA. 50+31.18, OFF=10' LT
- 9-3 STA. 52+57.34

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · DARLON D. SIMONS · NO. PE904706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

pHD-P009.SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

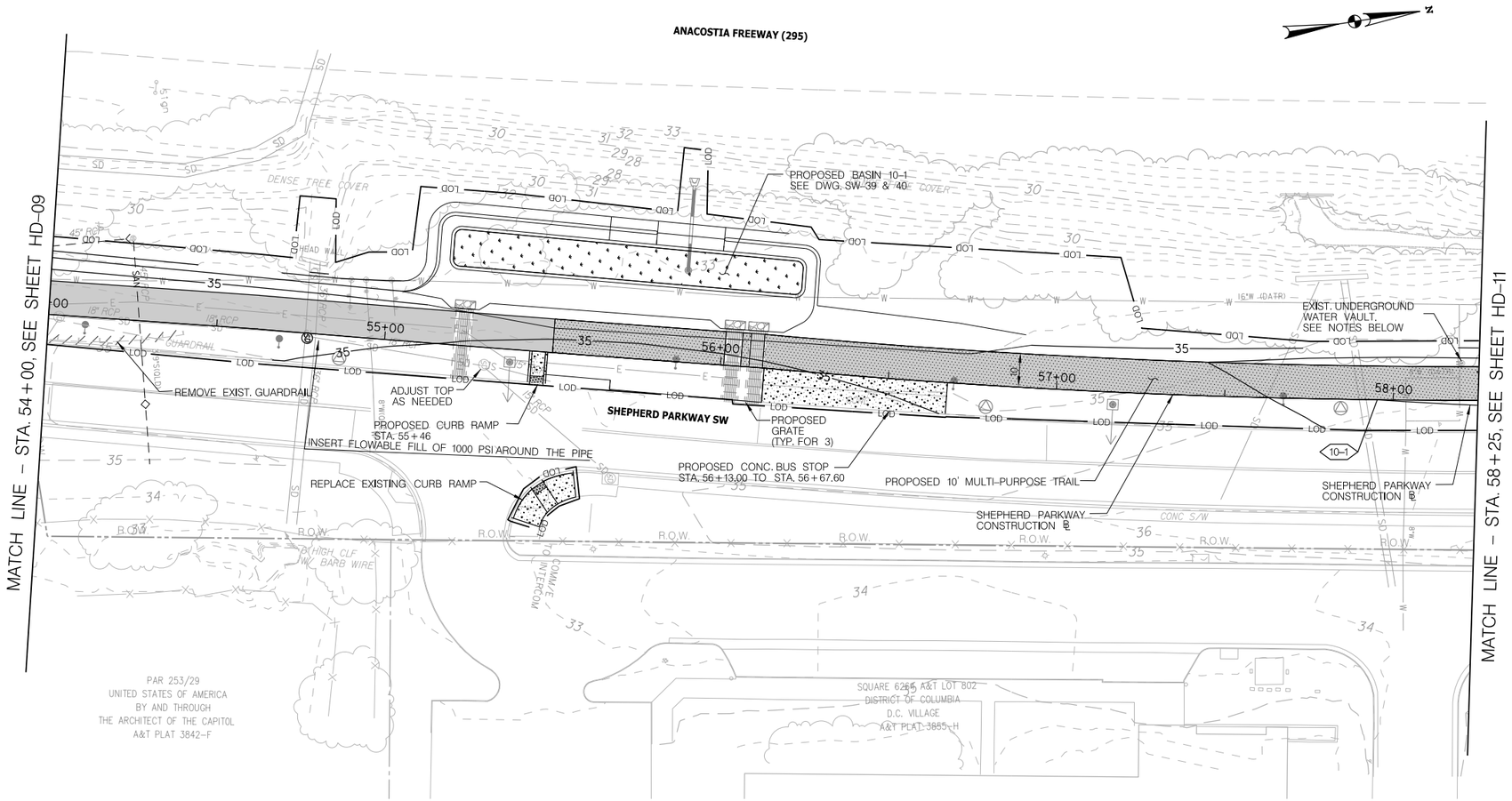
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 69 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	70	576



MULTI-PURPOSE TRAIL STATION/OFFSET POINT DATA

10-1 STA. 57+95.31

NOTE:
1) CONTRACTOR TO FLUSH AT GRADE THE PROPOSED WATER VALVE UPON COMPLETION OF CONSTRUCTION.

2) CONTRACTOR SHALL PERFORM PRE-CONSTRUCTION AND POST-CONSTRUCTION INSPECTIONS OF THE EXIST. VAULT AT THIS LOCATION AND SUBMIT ALL INSPECTION REPORTS TO DC WATER FOR REVIEW.

DC WATER POINT OF CONTACT:
DEXTER HOLMES
PHONE: 202-812-5123
EMAIL: DCWDDOTSHAREDSERVICES@DCWATER.COM
REVIEW DURATION: TYPICALLY 10 BUSINESS DAYS FOLLOWING SUBMITTAL

3. IF ANY DAMAGE TO THE VAULT IS OBSERVED, THE CONTACTOR SHALL REPAIR THE VAULT IMMEDIATELY.

20' 0 20' 40'
SCALE: 1"=20'

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

DISTRICT OF COLUMBIA
SAMUEL O. SMOOT
NO. PE009700
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HD-10

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

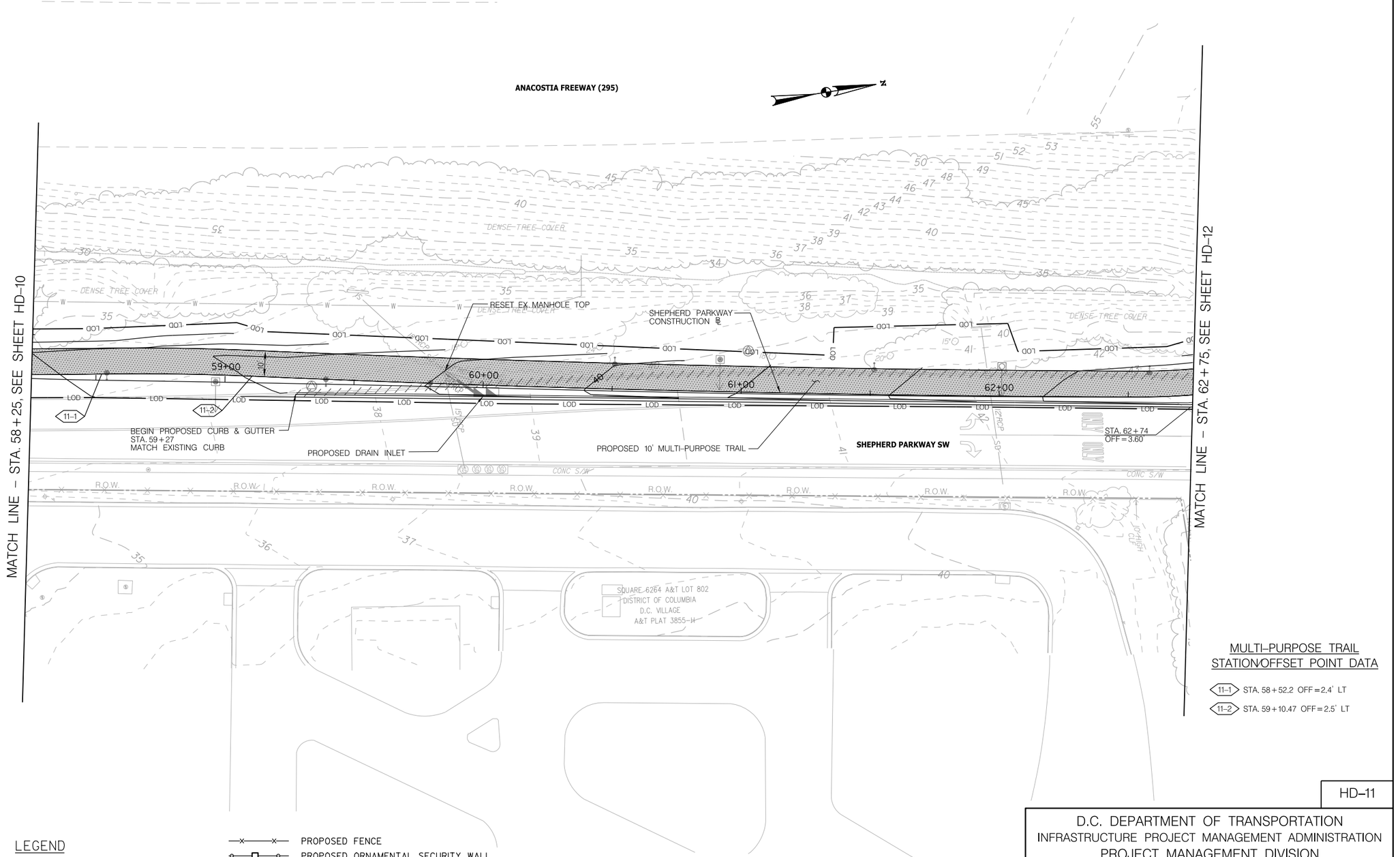
PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 70 OF 576

pHD-P010_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	71	576



MULTI–PURPOSE TRAIL
STATION/OFFSET POINT DATA

11–1 STA. 58+52.2 OFF=2.4' LT

11–2 STA. 59+10.47 OFF=2.5' LT

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARLON D. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HD–11

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

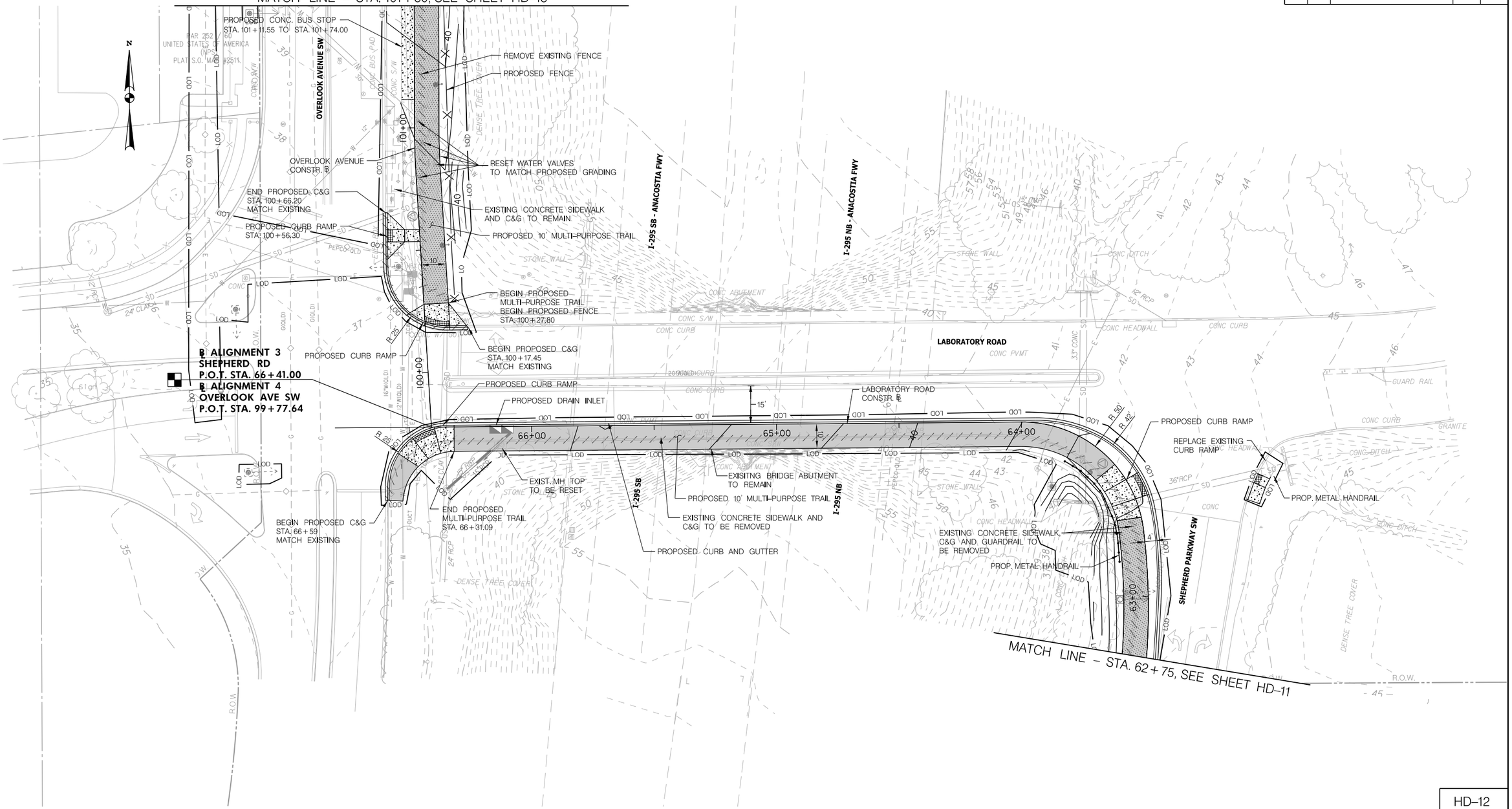
DATE

FILE

SHEET 71 OF 576

PHD-P011_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	72	576



HD–12

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA — SHARLON D. SNOWDEN — NO. PE904796 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

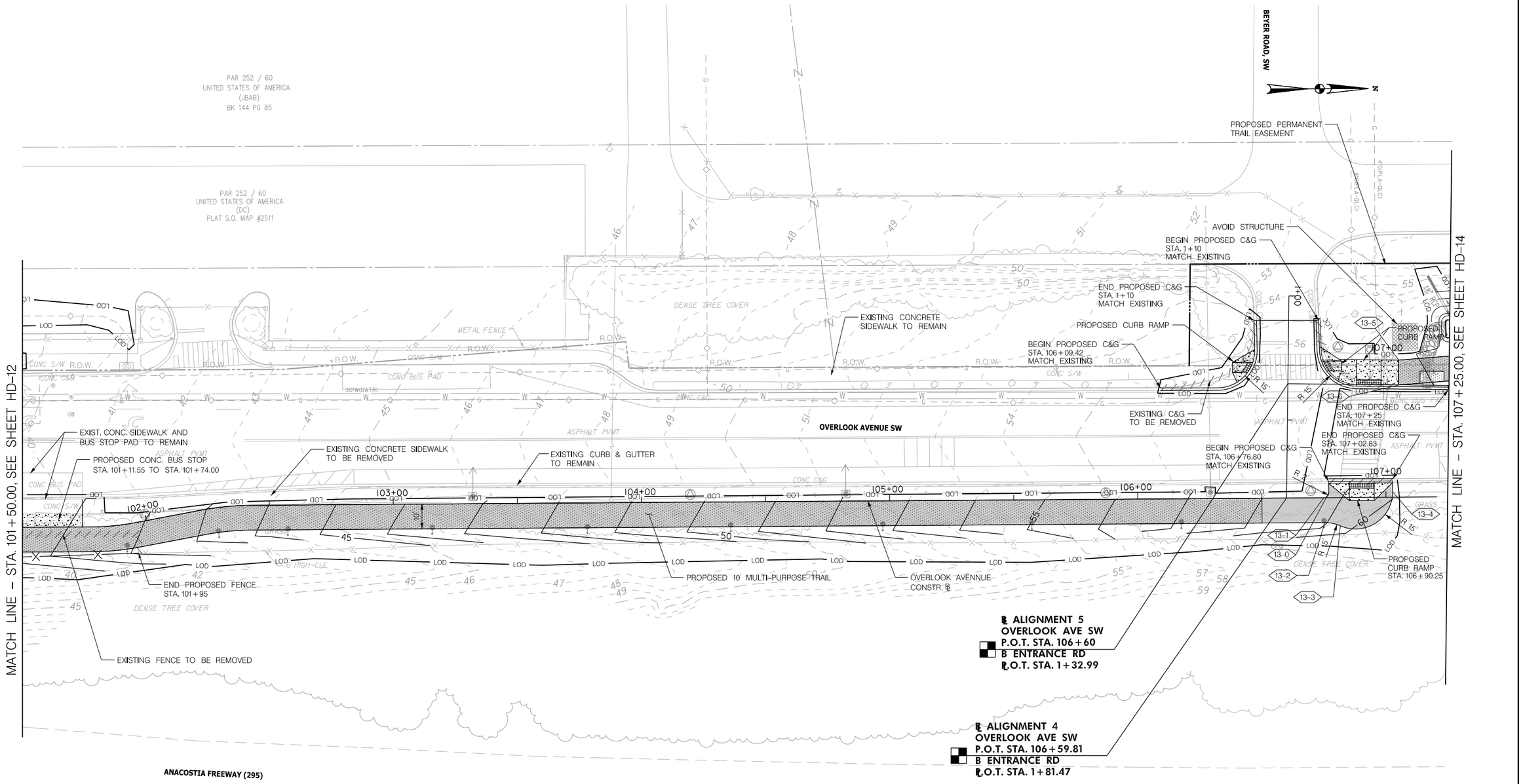
PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 72 OF 576

phD-P012_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	73	576



MULTI–PURPOSE TRAIL STATION/OFFSET POINT DATA

- 13–0 STA. 106+77, OFF=2' LT
- 13–1 STA. 106+75.00
- 13–2 STA. 106+75.30, OFF=10' RT
- 13–3 STA. 106+81.50, OFF=11.3' RT
- 13–4 STA. 107+02.70, OFF=2.4' LT
- 13–5 STA. 107+05.4, OFF=10' LT
- 13–6 STA. 107+05.4

20' 0 20' 40'
SCALE: 1"=20'

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

DISTRICT OF COLUMBIA
MARLON D. SNOWDEN
NO. PE041760
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pHD-P013_SCST-rali.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

HD–13

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

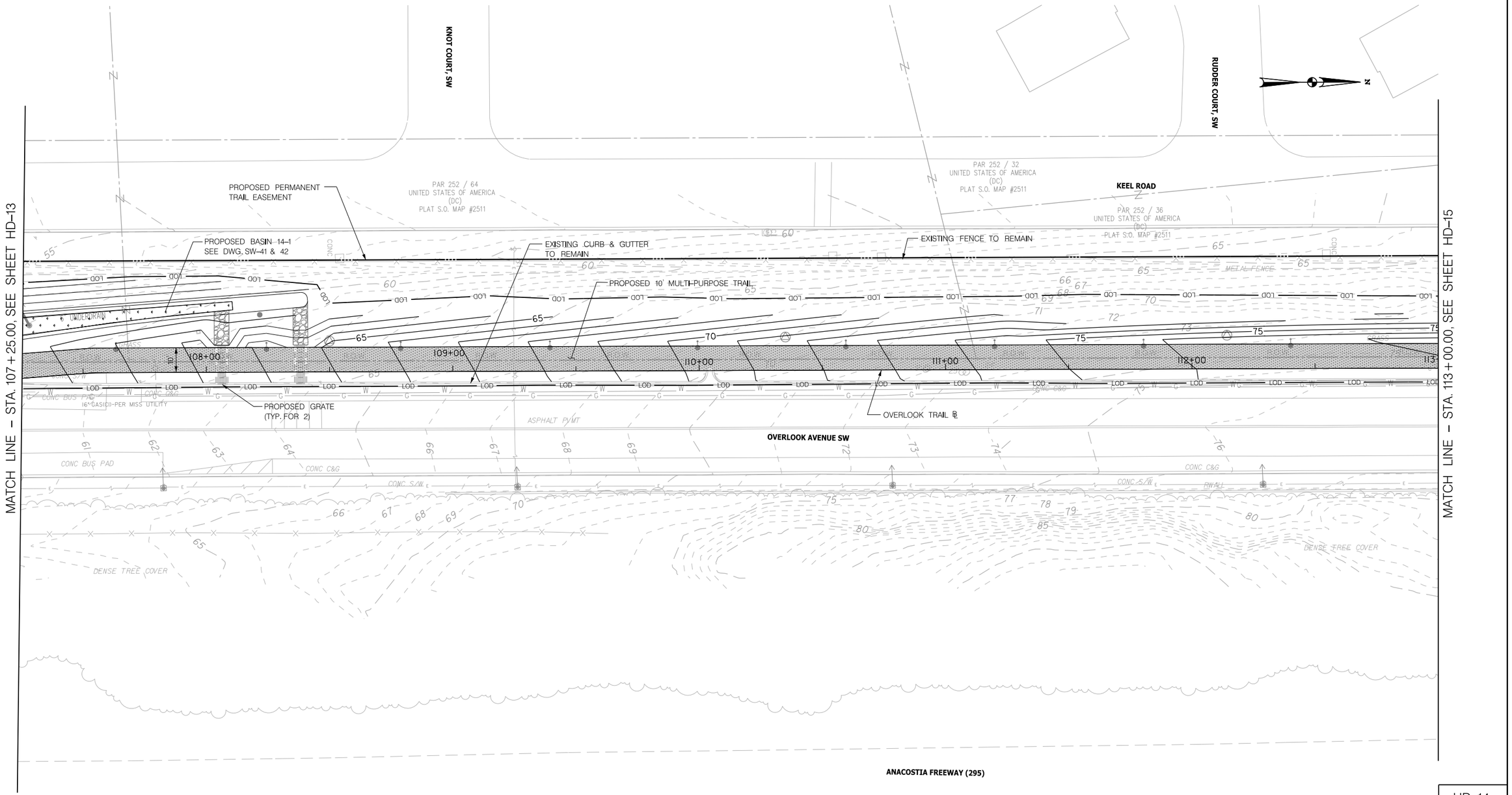
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 73 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	74	576



LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — HAMILTON C. SMOAK — NO. PE014776 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

pHD-P014_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

HD–14

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

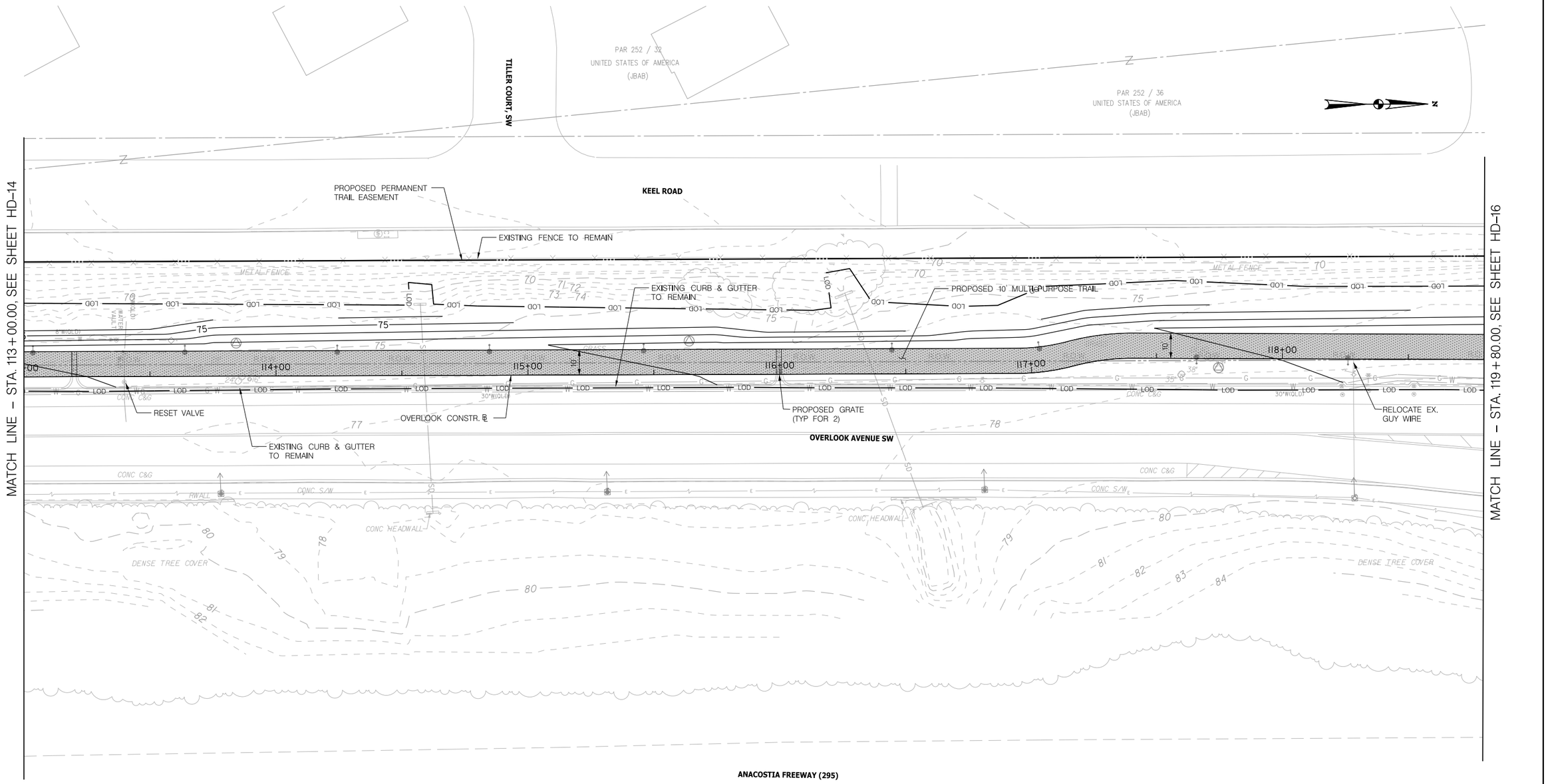
DIVISION CHIEF

DATE

FILE

SHEET 74 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	75	576



LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARION G. SMOAK
NO. PE901706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HD-15

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

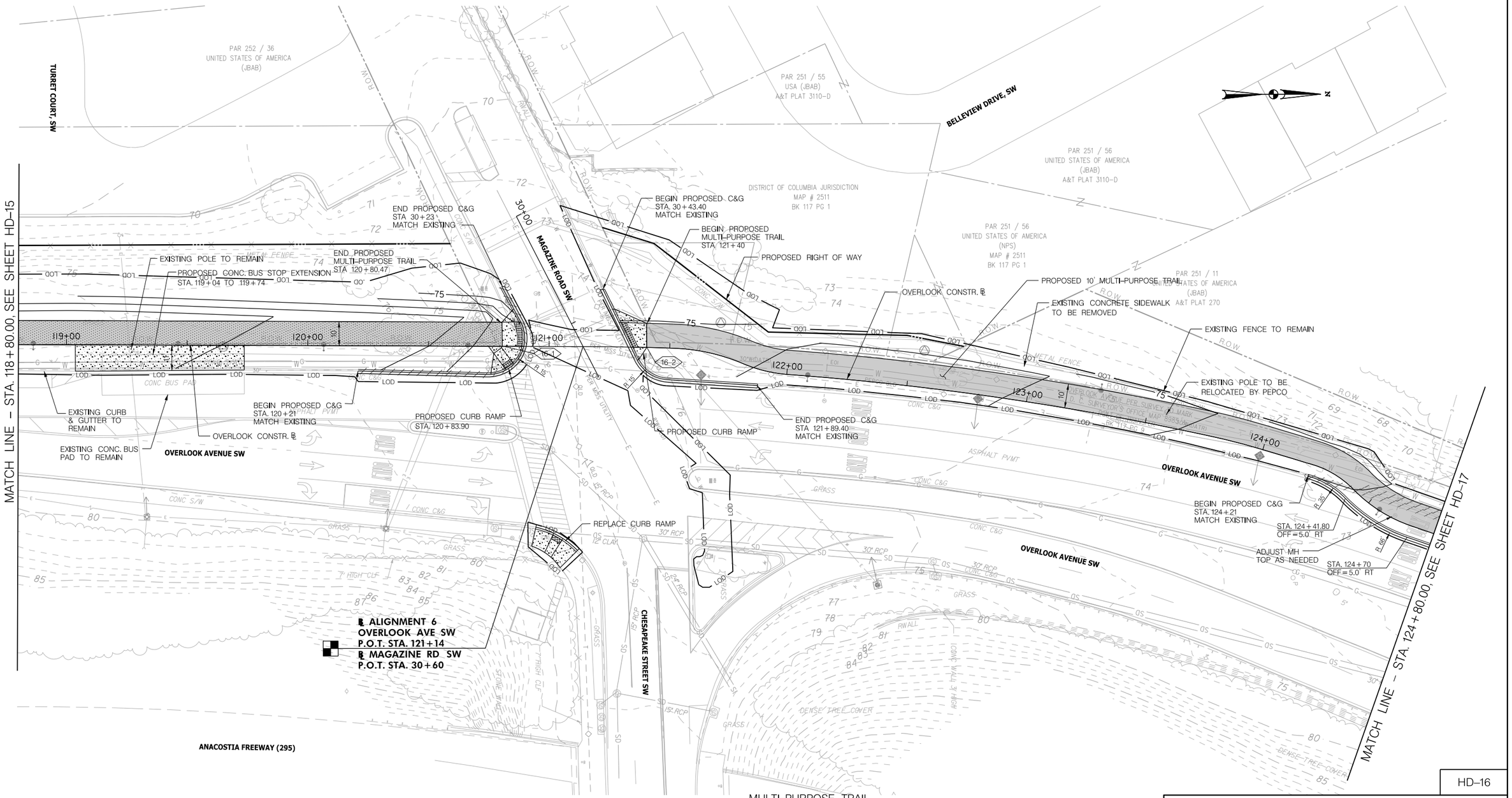
DATE

FILE

SHEET 75 OF 576

phD-P015_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	76	576



LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

MULTI-PURPOSE TRAIL STATION/OFFSET POINT DATA

16-1 STA. 120+80.47

16-2 STA. 121+40.00

20' 0 20' 40'

SCALE: 1"=20'

DISTRICT OF COLUMBIA
DARLON D. SINGLETON
NO. PE014766
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHD-P016_SCSTr-ali.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HD-16

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

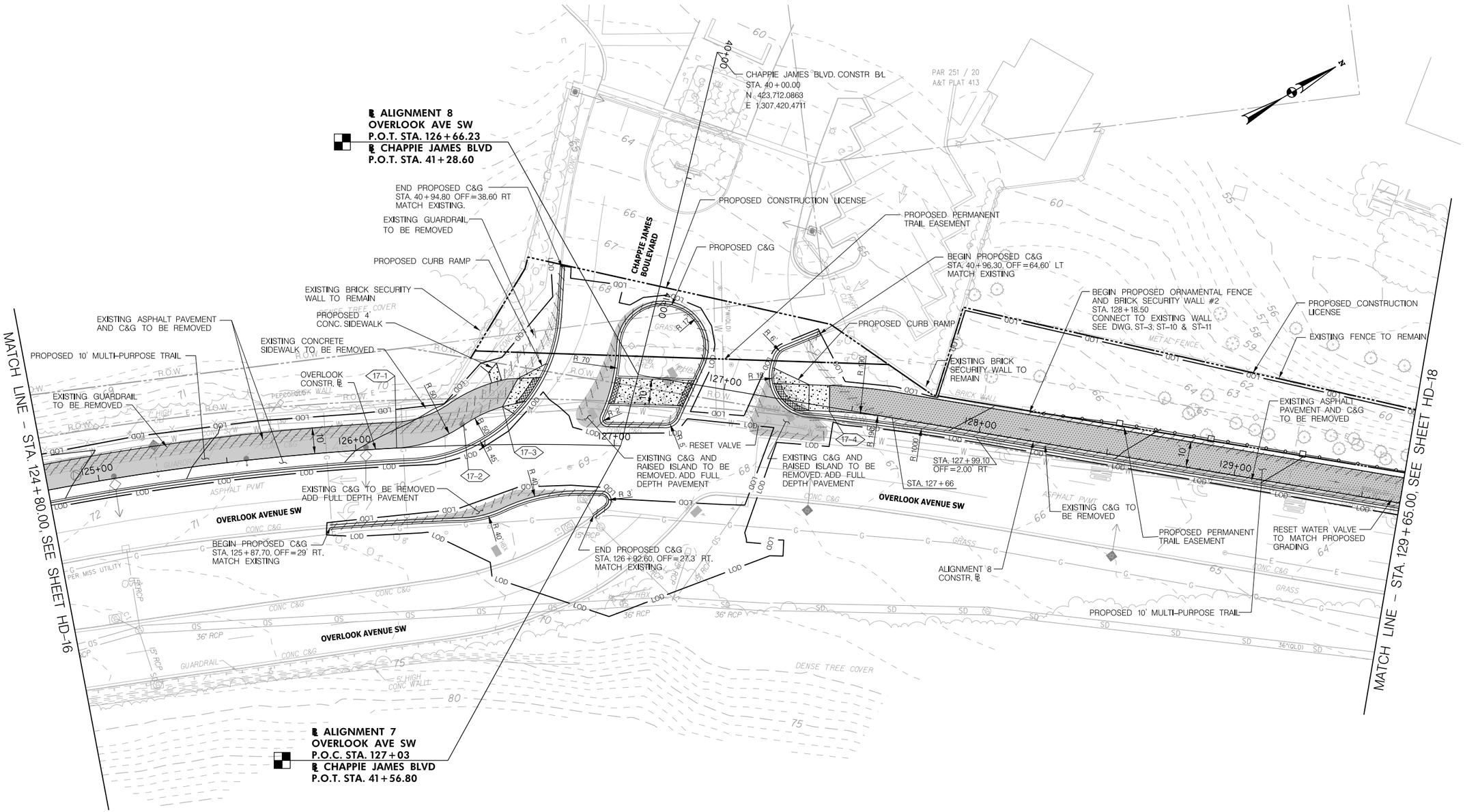
DIVISION CHIEF

DATE

FILE

SHEET 76 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	77	576



MULTI-PURPOSE TRAIL STATION/OFFSET POINT DATA

- 17-1 STA. 126+15.8
- 17-2 STA. 126+42, OFF=7.8' LT
- 17-3 STA. 126+56.9
- 17-4 STA. 127+41.50, OFF=1.6' RT

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARION G. SMOAK
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHD-P017_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

HD-17

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

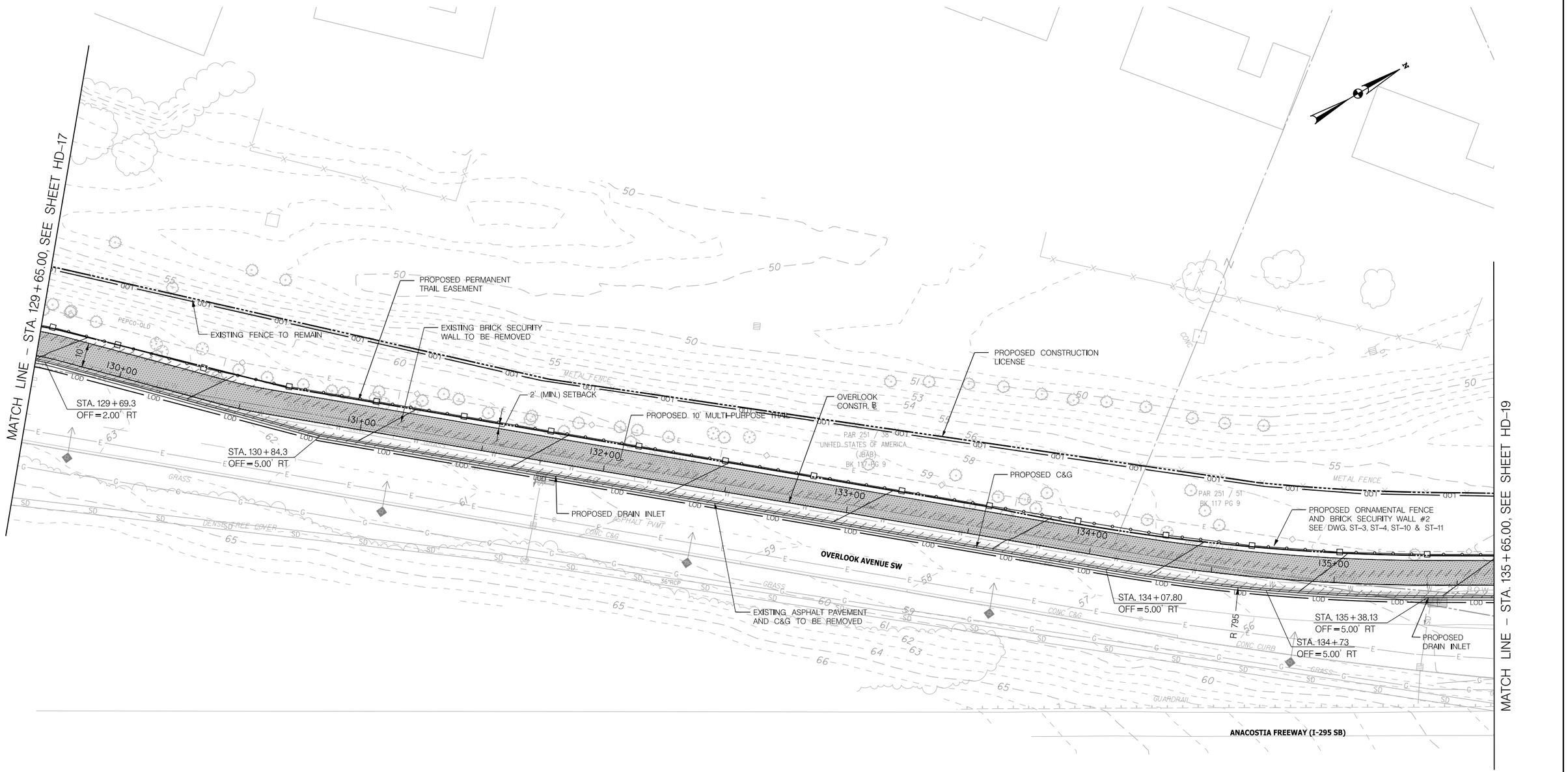
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 77 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	78	576



LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

DISTRICT OF COLUMBIA · DARLON G. SIMONS · NO. PE904706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

20' 0 20' 40'
SCALE: 1"=20'

HD–18

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

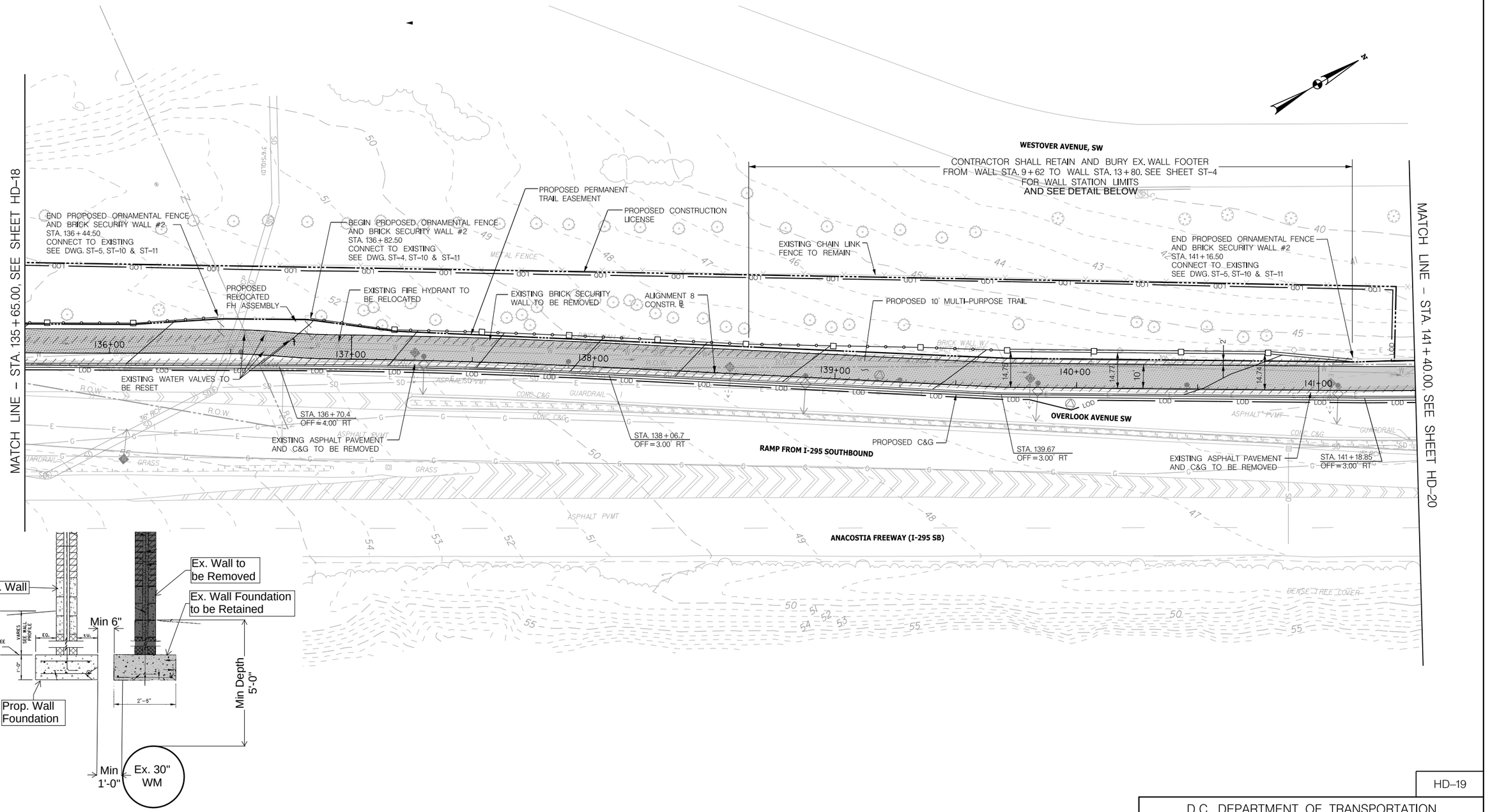
PAVING AND GRADING PLAN

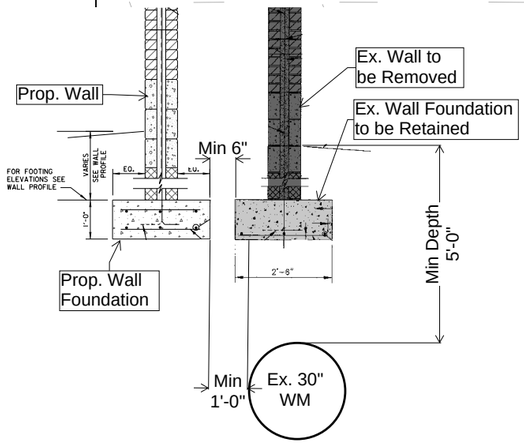
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 78 OF 576

pHD-P018_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	79	576





WALL FOUNDATION DETAIL
WALL STA 9+62 TO 13+80

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · MARION O. SMOAK · NO. PE004706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HD–19

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

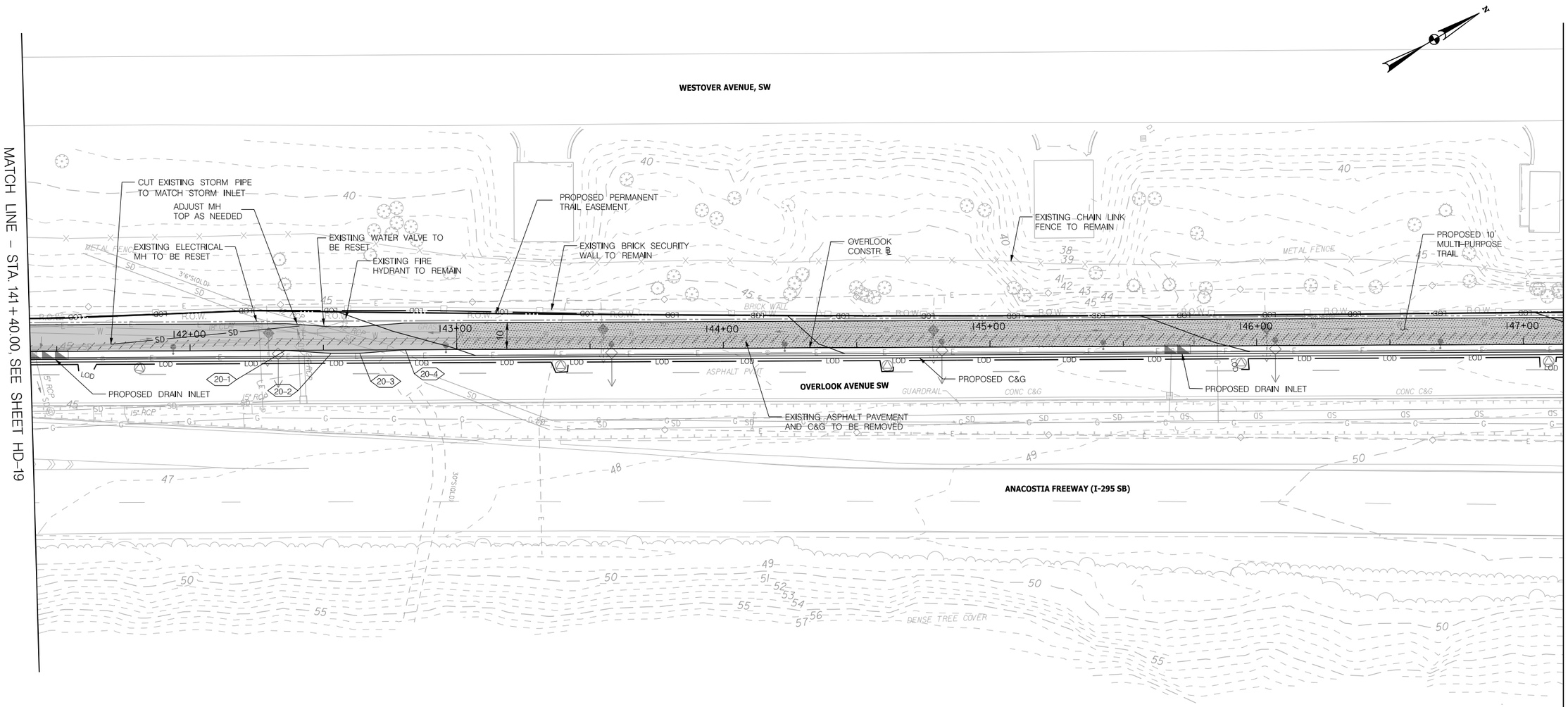
PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 79 OF 576

PHD-P019_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	80	576



LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

MULTI–PURPOSE TRAIL STATION/OFFSET POINT DATA

- 20–1 STA. 142+35.74
- 20–2 STA. 142+52.8, OFF=1.25' RT
- 20–3 STA. 142+63.6, OFF=1.25' RT
- 20–4 STA. 142+80.7

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · DARLON D. SIMONS · NO. PE047706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

HD–20

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

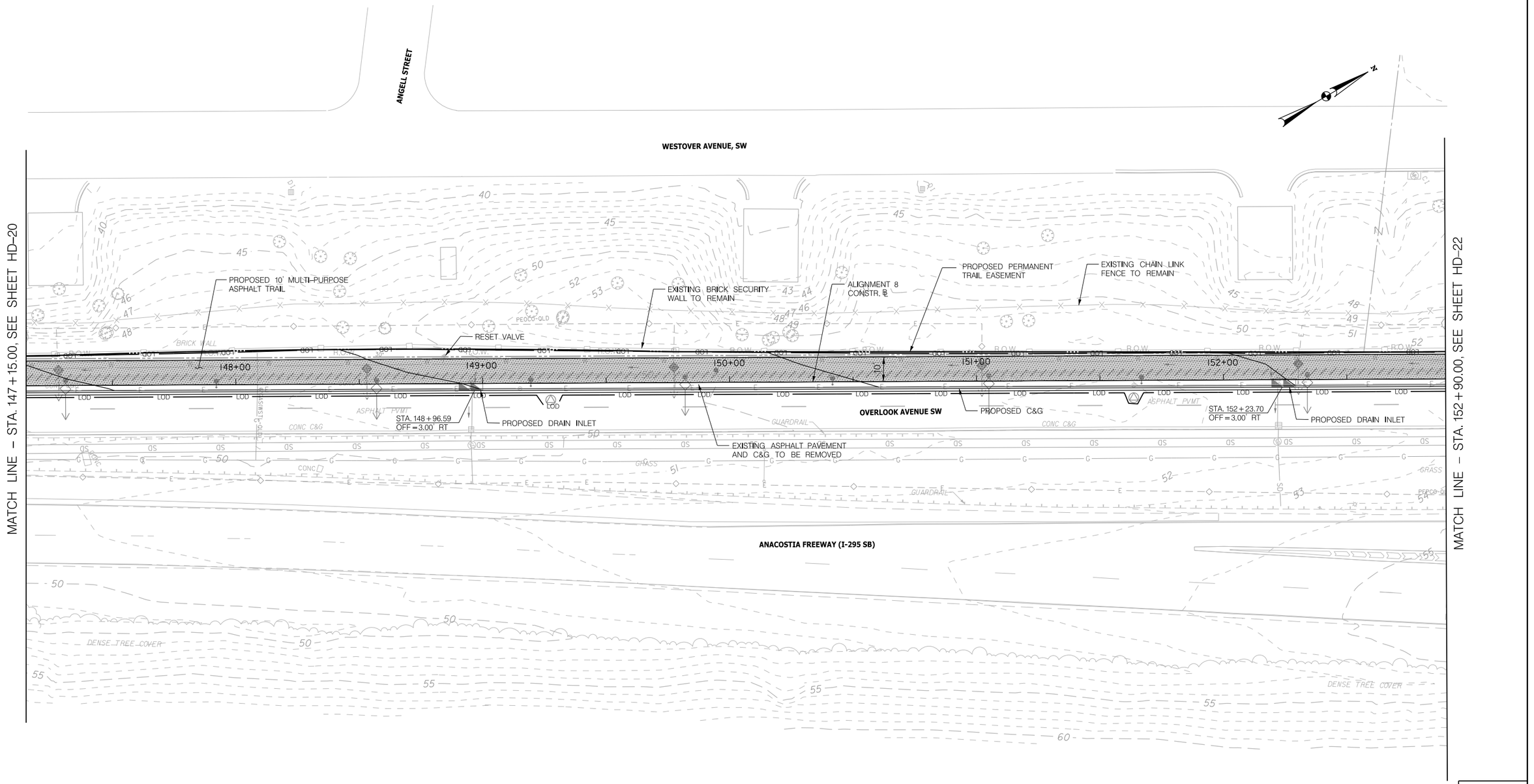
PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 80 OF 576

pHD-P020_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	81	576



LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARLON D. SINCLAIR
NO. PE041760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHD-P021_SCST-r-ali.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HD–21

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

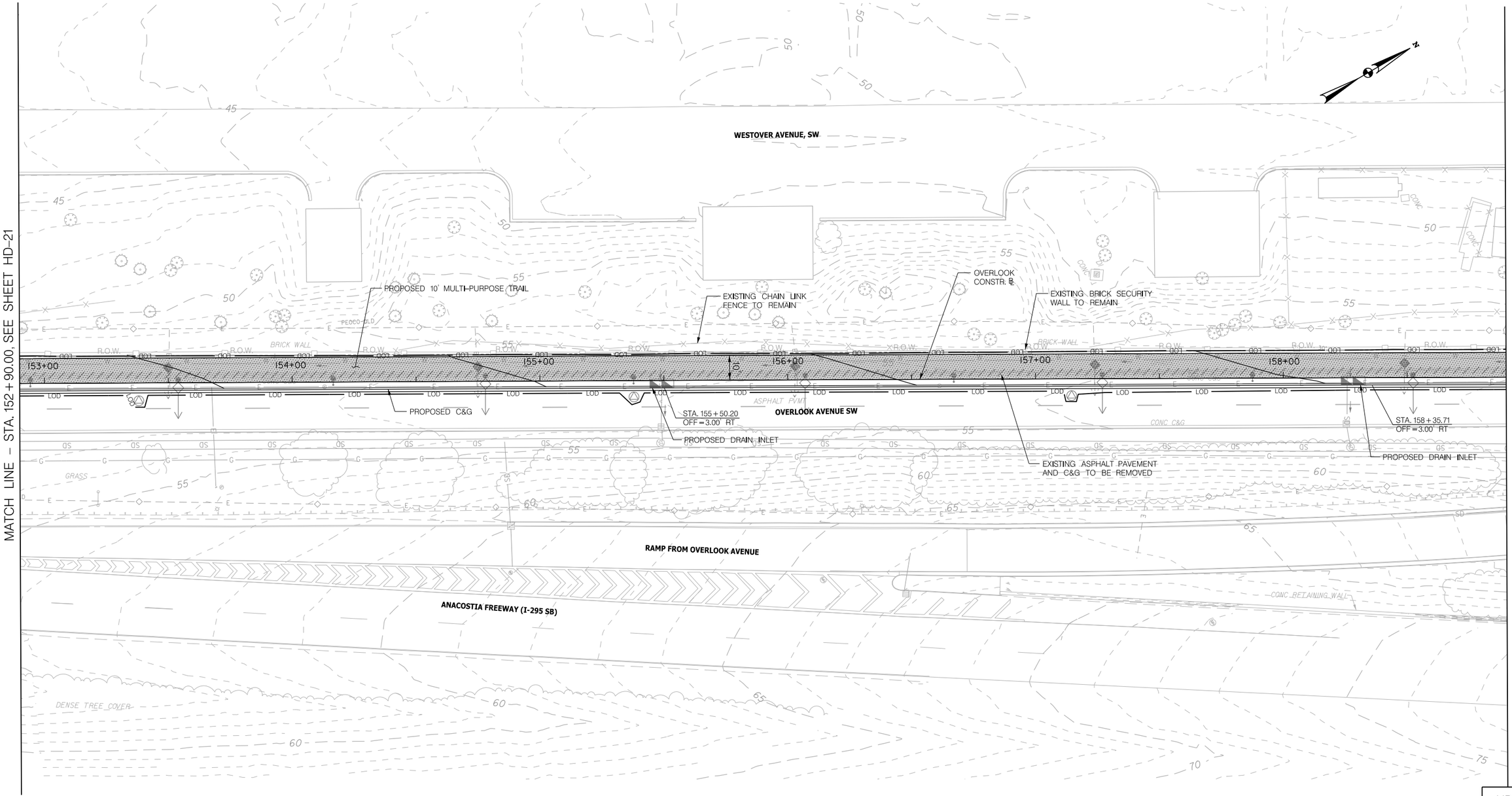
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 81 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	82	576

MATCH LINE – STA. 152+90.00, SEE SHEET HD-21

MATCH LINE – STA. 158+90.00, SEE SHEET HD-23



LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
SHANTON D. SHOWS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HD–22

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

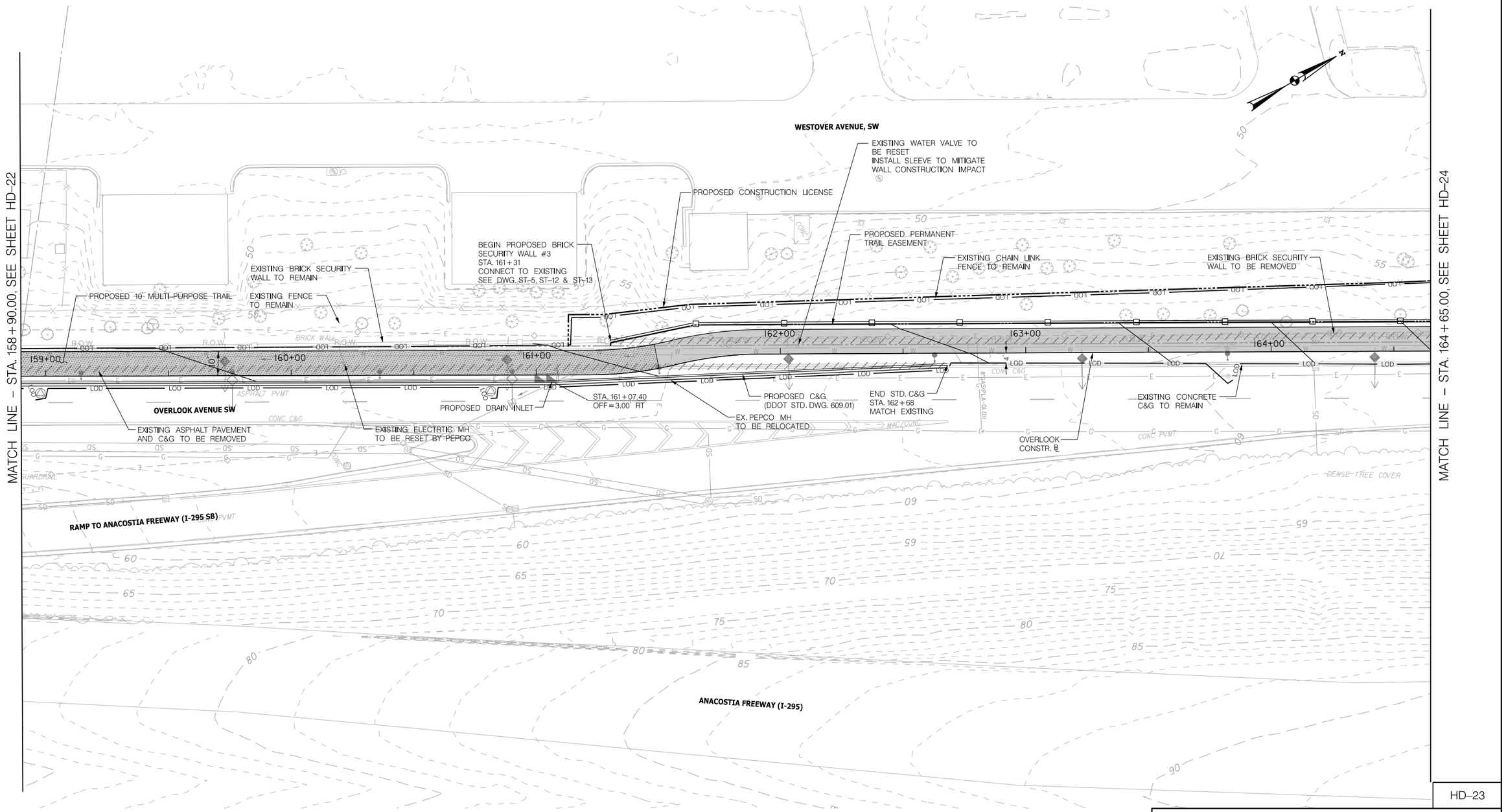
DATE

FILE

SHEET 82 OF 576

pHD-P022_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	83	576



LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARLON D. SNOW
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

HD–23

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	83 OF 576

pHD-P023_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	84	576

MATCH LINE – STA. 164+65.00, SEE SHEET HD–23

MATCH LINE – STA. 170+15.00, SEE SHEET HD–25

WESTOVER AVENUE, SW

OVERLOOK AVENUE SW

SOUTH CAPITOL STREET SW

SOUTH CAPITOL STREET SE

ANACOSTIA FREEWAY (I-295)

PROPOSED CONSTRUCTION LICENSE

PROPOSED PERMANENT TRAIL EASEMENT

PROPOSED 10' MULTI-PURPOSE TRAIL

EXISTING BRICK SECURITY WALL TO BE REMOVED

EXISTING CHAIN LINK FENCE TO REMAIN

BEGIN PROPOSED ORNAMENTAL FENCE AND BRICK SECURITY WALL #3 STA. 167+42.50, OFF=12' LT SEE DWG. ST–6, ST–12, & ST–13

END PROPOSED BRICK SECURITY WALL #3 STA. 167+42.50, OFF=12' LT SEE DWG. ST–5, ST–6, ST–12 & ST–13

BEGIN PROPOSED FENCE STA. 168+55.00, OFF=24' LT

END PROPOSED FENCE STA. 170+04, OFF=21' LT

CONSTRUCT NEW CURB AND GUTTER 8' FROM EXISTING

REMOVE 150' OF EXISTING FENCE

REMOVE EXISTING CURB AND GUTTER

EXISTING GUARDRAIL TO REMAIN

EXISTING OVERHEAD SIGN STRUCTURE TO REMAIN

EXISTING CURB & GUTTER TO REMAIN

OVERLOOK AVE., CONSTR. ℄

SOUTH CAPITOL CONSTR. ℄

20' 0 20' 40'
SCALE: 1"=20'

HD–24

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

NOTE:
1) DURING THE CONSULTANT'S SITE VISIT, THE LOCATION OF CHAIN LINK FENCE AT JBAB FACILITY FROM STA. 164+ 85 TO STA. 171+40 WERE INCONSISTENT WITH THE SURVEY. THE FENCE LAYOUT BETWEEN THE ABOVE STATIONS IS APPROXIMATED BASED ON THE AERIAL IMAGERY. IT IS RECOMMENDED THE CONTRACTOR PERFORM THE TOPO SURVEY TO IDENTIFY THE CORRECT FENCE LAYOUT AT THIS STATION LIMITS.

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

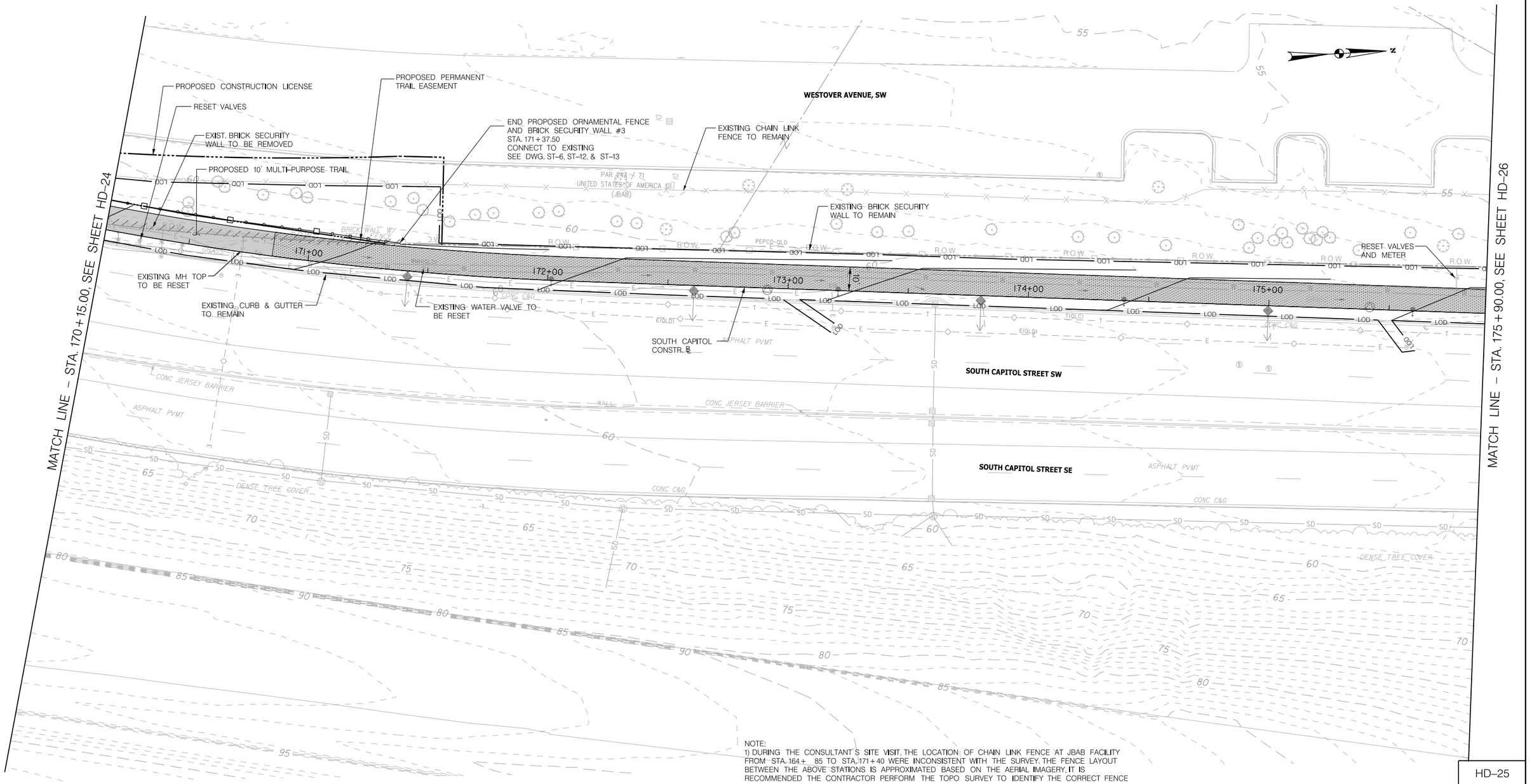
PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 84 OF 576

pHD-P024_SCSTr-ali.dgn
3/5/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	85	576



NOTE:
1) DURING THE CONSULTANT'S SITE VISIT, THE LOCATION OF CHAIN LINK FENCE AT JBAB FACILITY FROM STA. 164+85 TO STA. 171+40 WERE INCONSISTENT WITH THE SURVEY. THE FENCE LAYOUT BETWEEN THE ABOVE STATIONS IS APPROXIMATED BASED ON THE AERIAL IMAGERY. IT IS RECOMMENDED THE CONTRACTOR PERFORM THE TOPO SURVEY TO IDENTIFY THE CORRECT FENCE LAYOUT AT THIS STATION LIMITS.

HD–25

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARLON D. SNOW
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

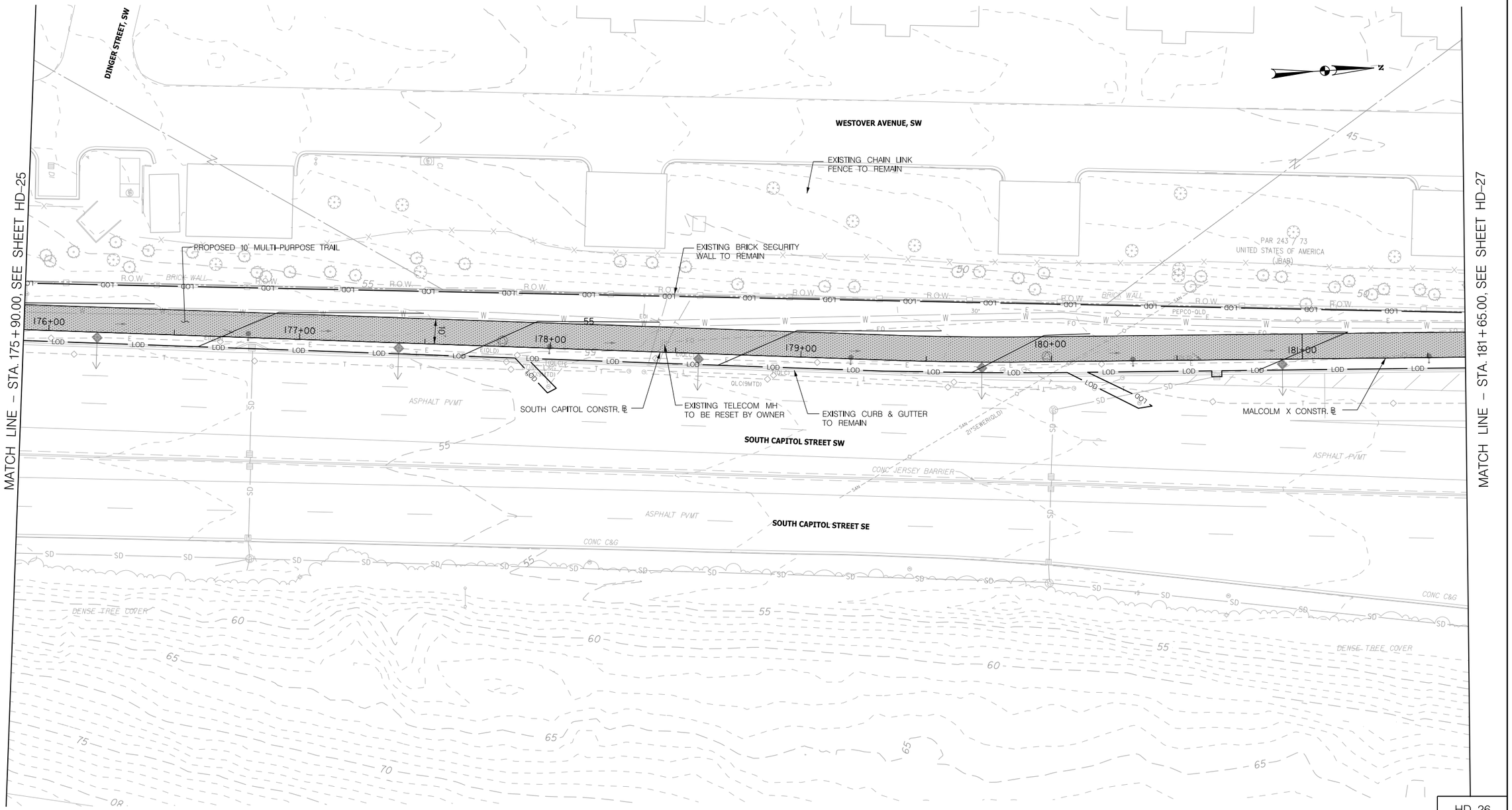
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 85 OF 576

pHD-P025_SCSTrail.dgn
3/5/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	86	576



HD–26

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA — MARLON D. SIMONS — NO. PE904706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

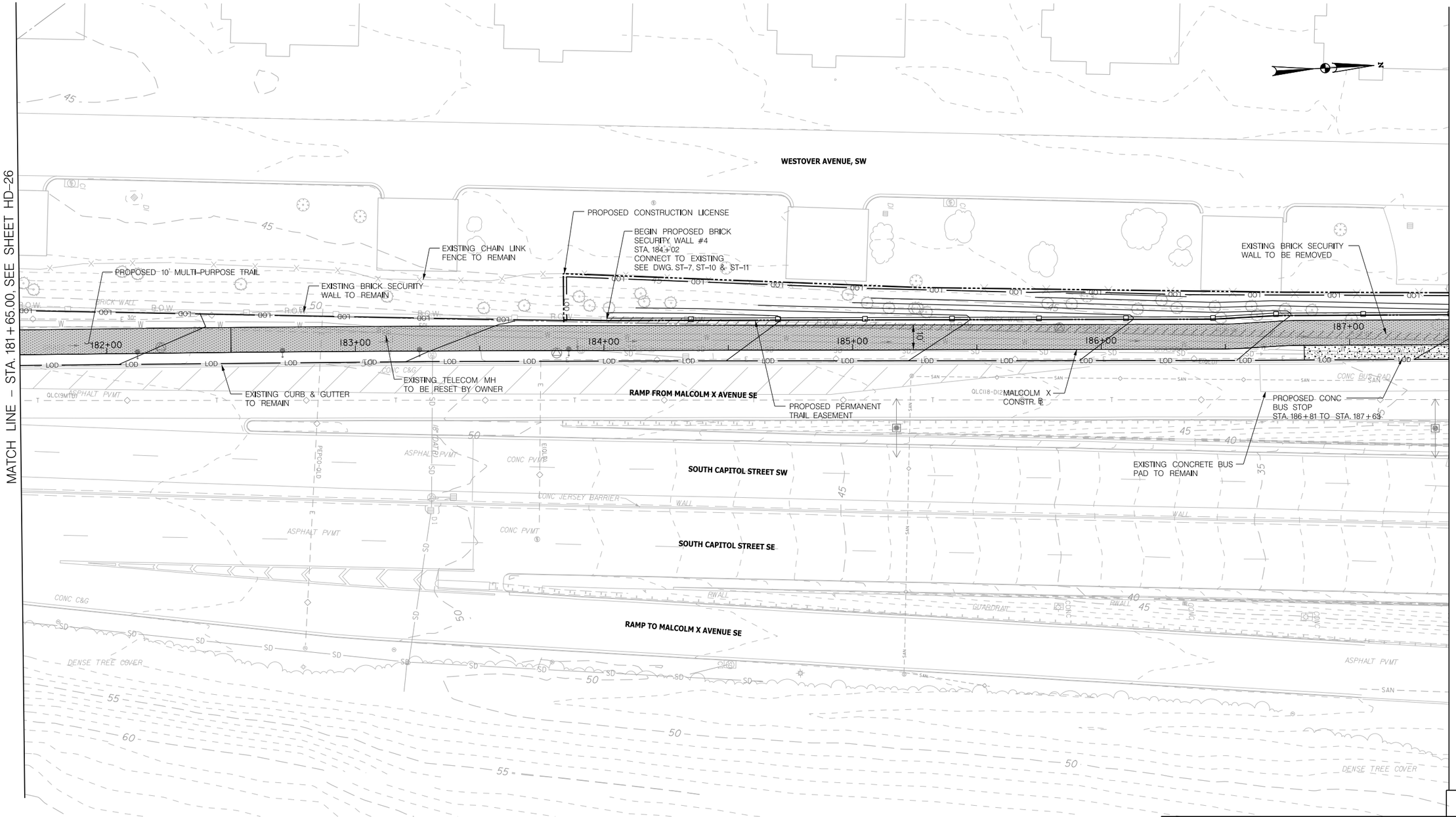
PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 86 OF 576

pHD-P026_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	87	576



LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

NOTE:
1. ENCASE THE 30" WATER MAIN WITH FLOWABLE FILL. ENCASE THE EXISTING 30" WATER MAIN PIPE WITH CONCRETE OR BACKFILL WITH CLSM TO A DEPTH OF ONE (1) FT ABOVE THE PIPE. IF ENCASING A METALLIC WATERMAIN, PROVIDE A POLY WRAP SLEEVE AROUND THE WATER MAIN INSIDE THE CONCRETE ENCASEMENT

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — SHARLON D. SNOWDEN — NO. PE009756 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HD–27

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

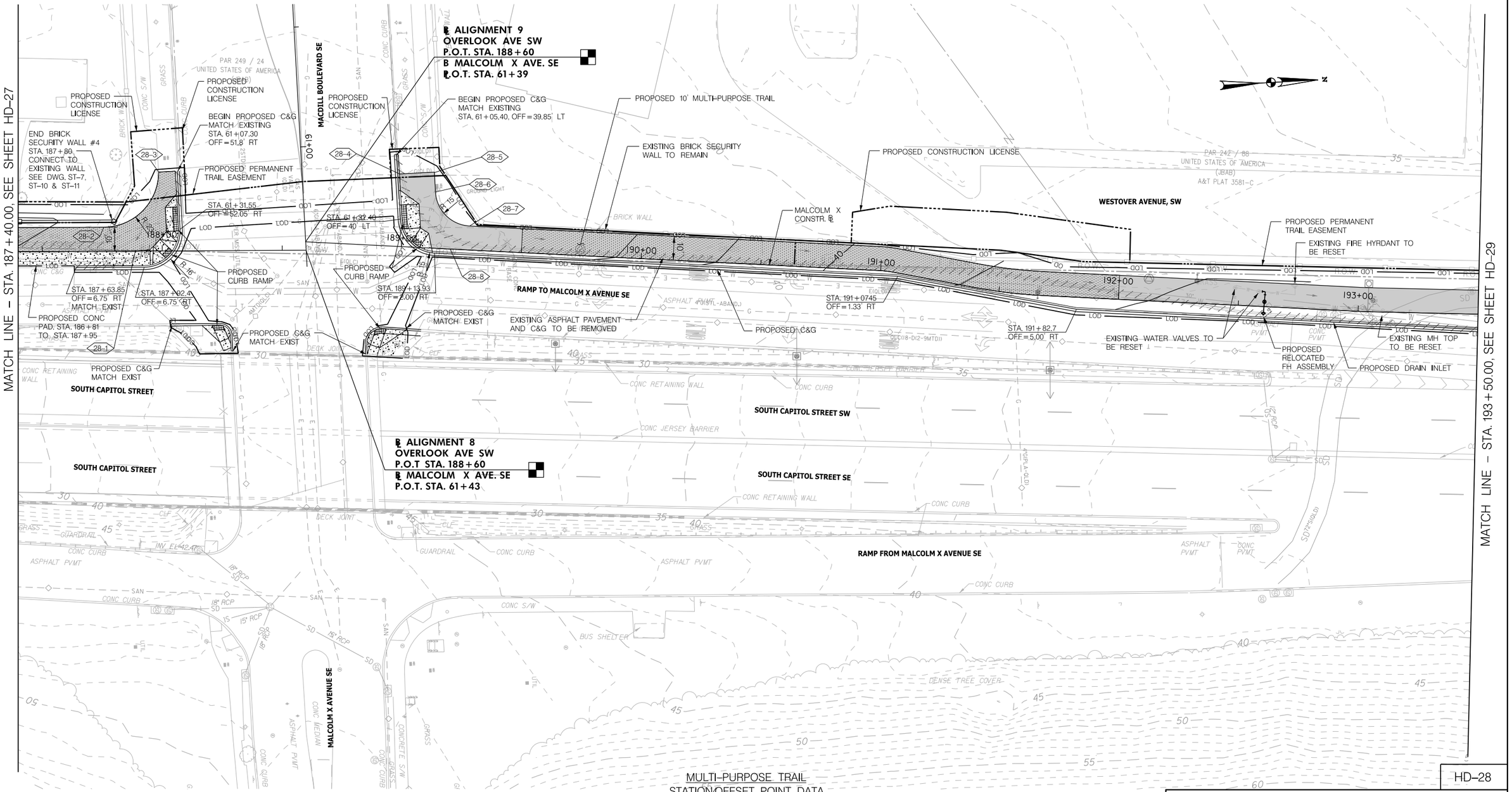
DATE

FILE

SHEET 87 OF 576

pHD-P027_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	88	576



MULTI–PURPOSE TRAIL STATION/OFFSET POINT DATA

28–1	STA. 187+88.79	28–5	STA. 189+12.15, OFF=31.7' LT
28–2	STA. 187+75.6', OFF=10' LT	28–6	STA. 189+13, OFF=23.4' LT
28–3	STA. 187+98.6, OFF=32.9' LT	28–7	STA. 189+27.9, OFF=10' LT
28–4	STA. 188+97.6, OFF=30.2' LT	28–8	STA. 189+20.38

20' 0 20' 40'
SCALE: 1"=20'

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

DISTRICT OF COLUMBIA
MARLON D. SINCLAIR
NO. PE041760
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

HD–28

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

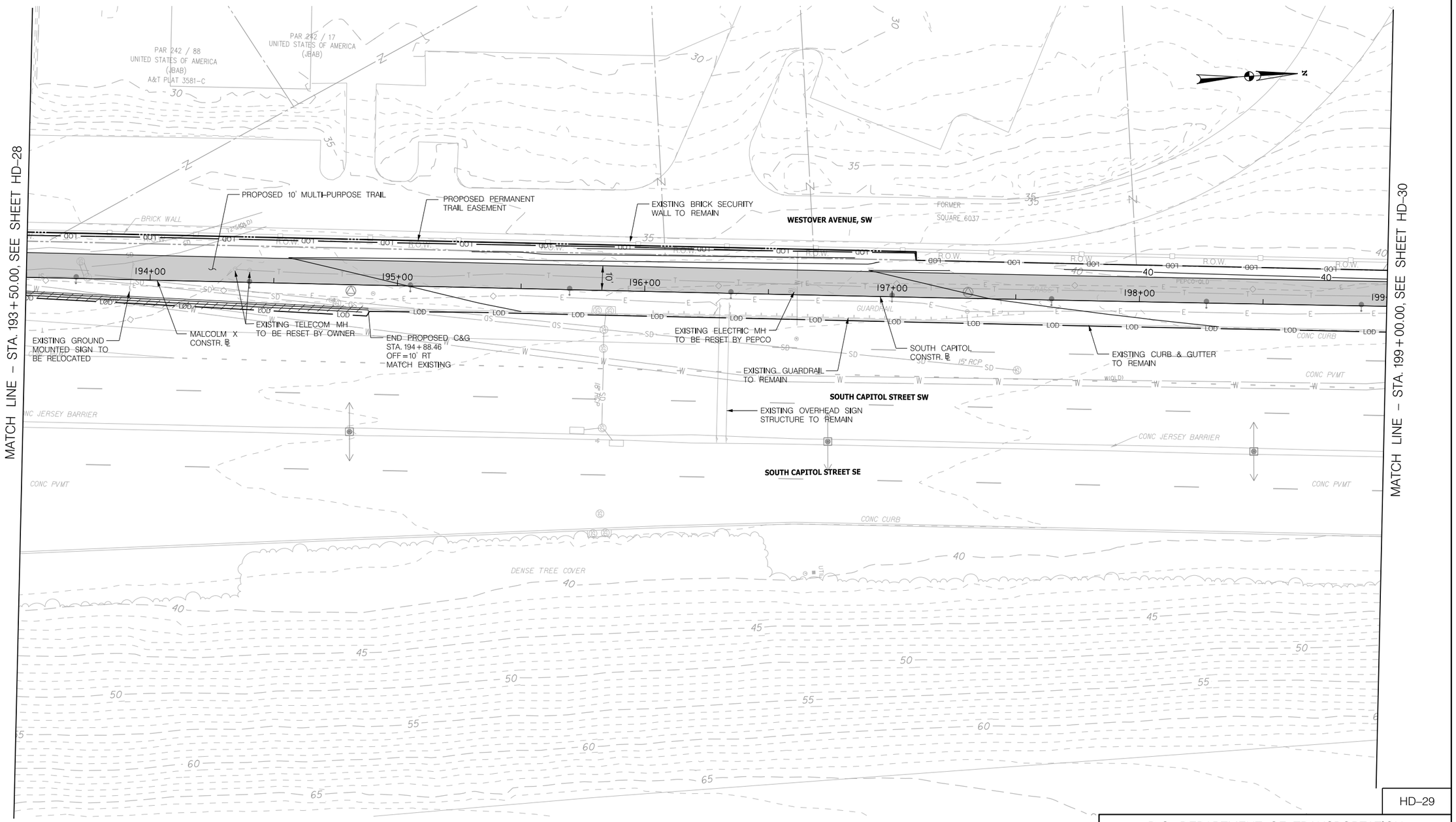
PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 88 OF 576

pHD-P028_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	89	576



HD–29

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
RAMLON D. SIMONS
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

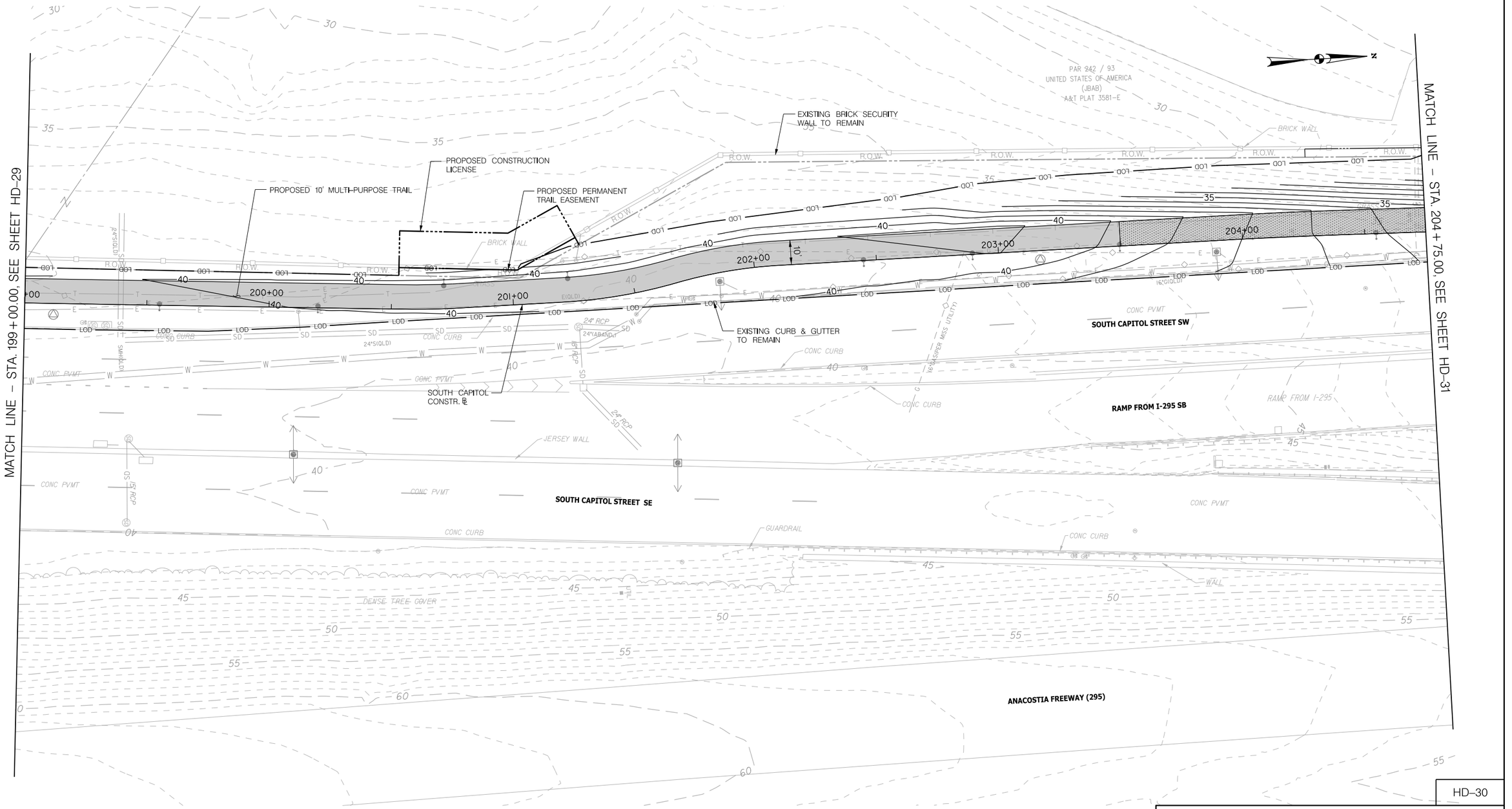
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 89 OF 576

pHD-P029_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	90	576



LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

HD-30

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

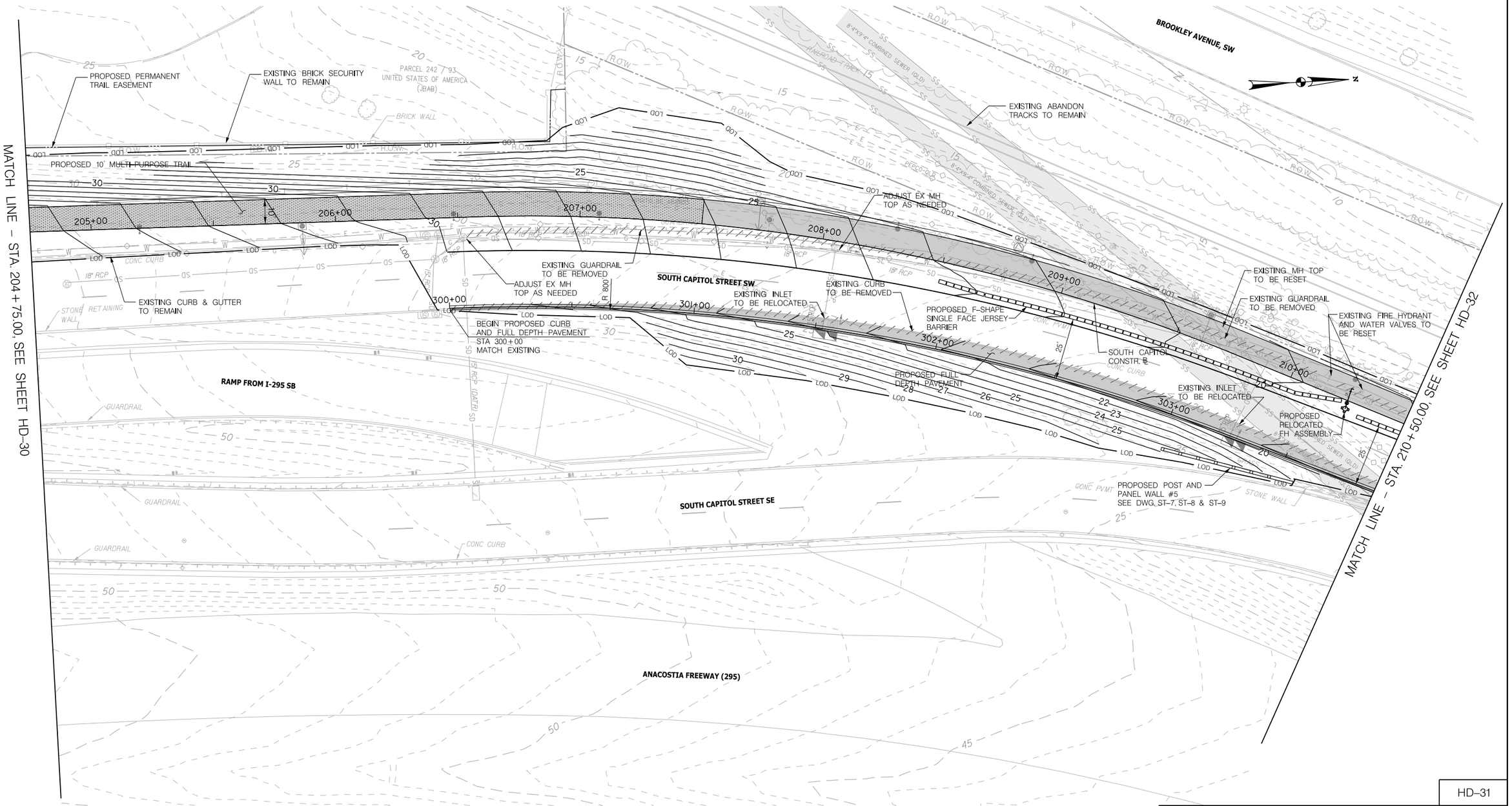
PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 90 OF 576

pHD-P030_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	91	576



HD–31

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA · MARION D. SMOAK · NO. PE901706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

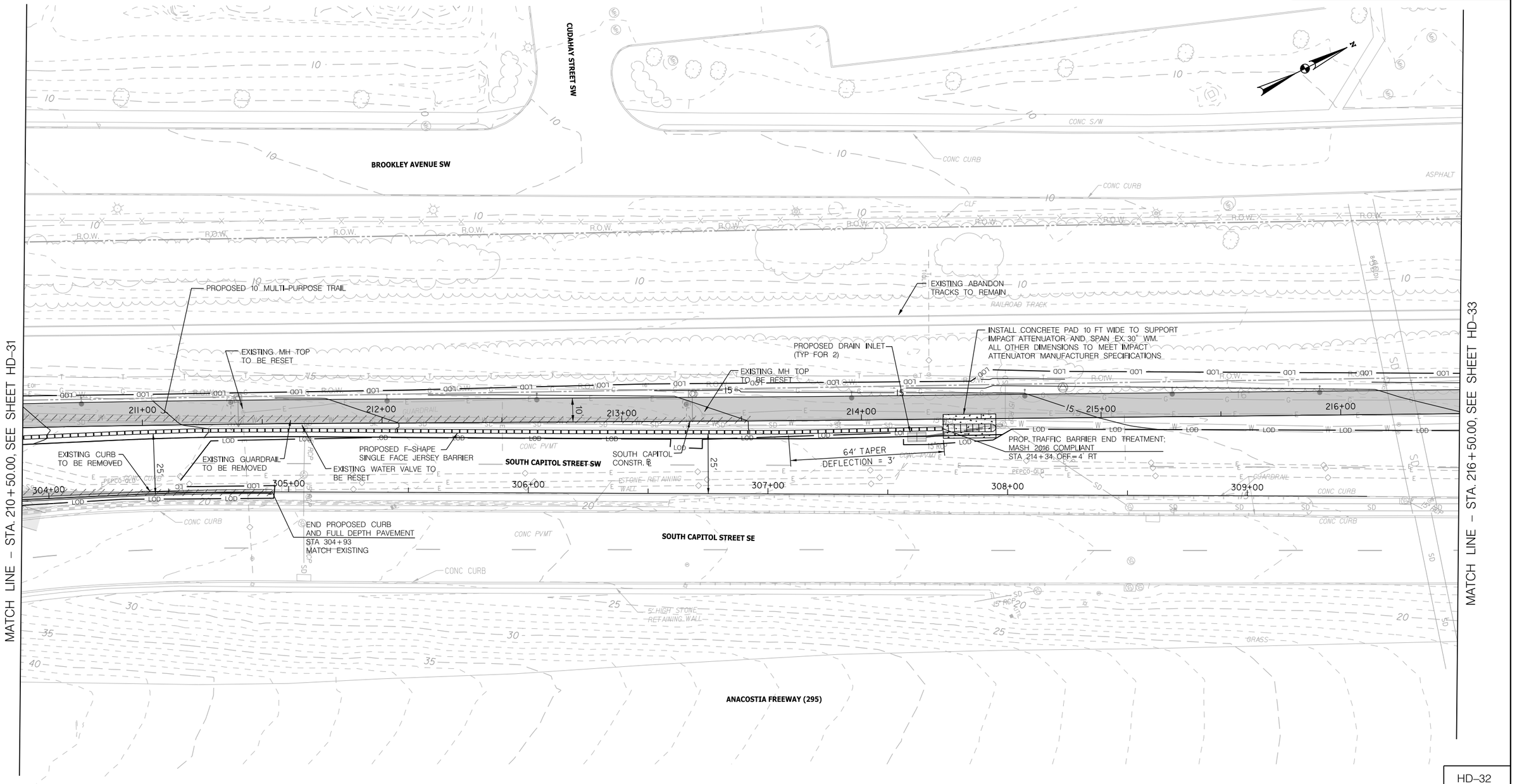
PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 91 OF 576

pHD-P031_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	92	576



LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — DARLENE SIMONS — NO. PE009706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

HD-32

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 92 OF 576

pHD-P032_SCSTrail.dgn
3/5/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	93	576

MATCH LINE – STA. 216+50.00, SEE SHEET HD-32

MATCH LINE – STA. 222+25.00, SEE SHEET HD-34

BROOKLEY AVENUE SW

SOUTH CAPITOL STREET SW

SOUTH CAPITOL STREET SE

ANACOSTIA FREEWAY (295)

33-1 33-2 33-3 33-4

217+00 218+00 219+00 220+00 221+00 222+00

PROPOSED 10' MULTI-PURPOSE TRAIL

EXISTING ABANDON TRACKS TO REMAIN

EX. LIGHT POLE TO REMAIN.

SOUTH CAPITOL CONSTR. ℄

EXISTING TELECOM MH TO BE RESET BY OWNER

CONC S/W

CONC CURB

CONCRETE PVMT

CONC PVMT

GRASS

RAILROAD TRACK

PEPCO PIPES (QLC)

PEPCO-QLD

9"STORM(QLC)

15" RCP

18" RCP

12" RCP

OVH SIGN

I-295

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

MULTI-PURPOSE TRAIL STATION/OFFSET POINT DATA

- 33-1 STA. 216+49.86
- 33-2 STA. 216+60.11, OFF=1.04' LT
- 33-3 STA. 216+69.90, OFF=1.04' LT
- 33-4 STA. 216+80.15

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
SHAWN O. SIMONS
NO. PE901700
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HD-33

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

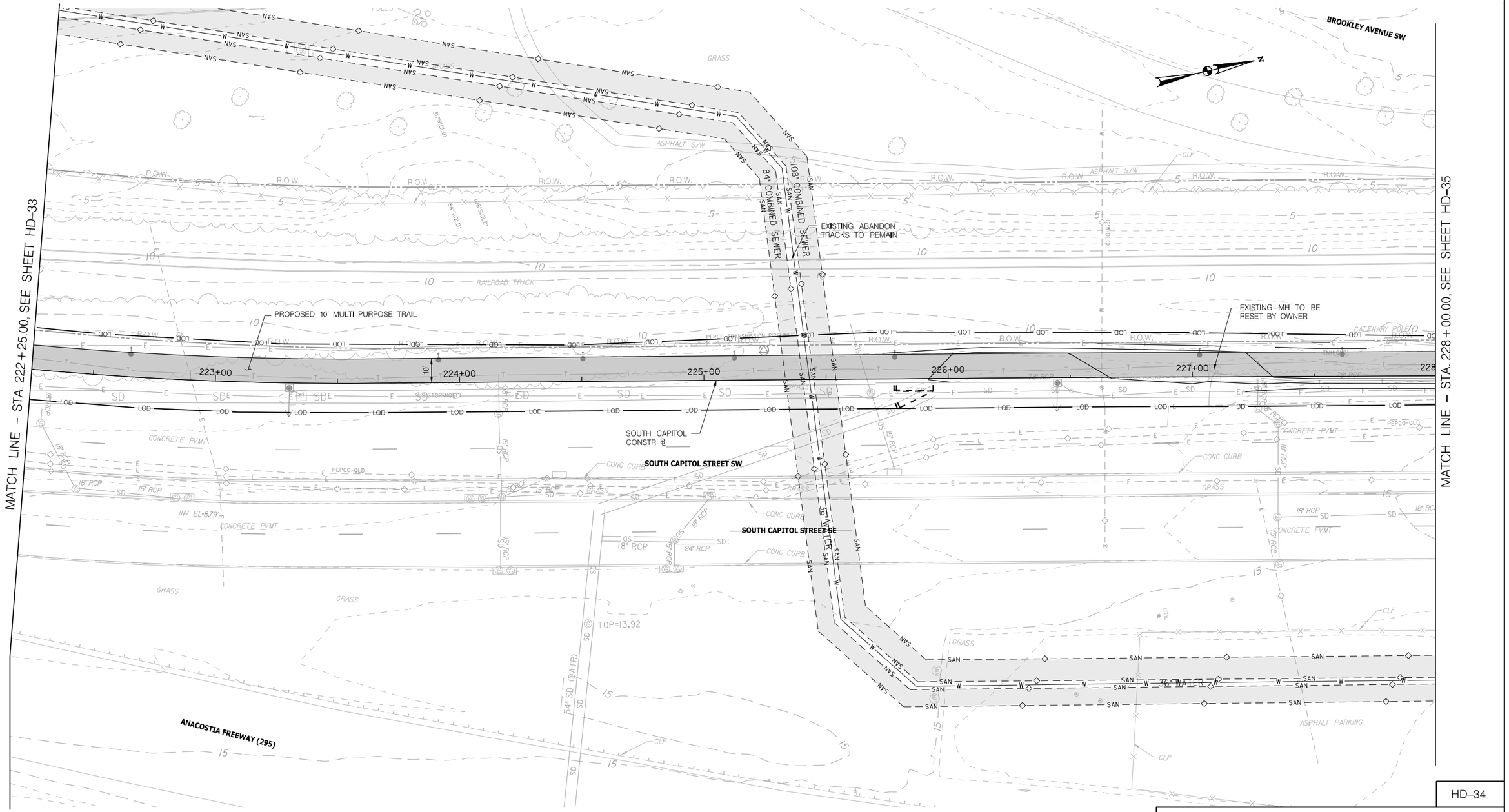
PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 93 OF 576

pHD-P033_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	94	576



LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARLON G. SMOAK
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HD–34

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 94 OF 576

pHD-P034_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	95	576

MATCH LINE – STA. 228+00.00, SEE SHEET HD–36

MATCH LINE – STA. 234+00.00, SEE SHEET HD–36

BROOKLEY AVENUE SW

SOUTH CAPITOL STREET SE

EXISTING BRICK SECURITY WALL TO REMAIN

EXISTING ABANDON TRACKS TO REMAIN

PROPOSED 10' MULTI-PURPOSE TRAIL

EXISTING TRAFFIC SIGNAL CONTROLLER TO REMAIN

EXIST. EMBEDDED TRACK TO BE FILLED WITH FLANGE FILLER

EXISTING STREETCAR CATENARY (TYP) TO REMAIN

EXISTING TRACKS AND CONCRETE TRACK SLAB TO REMAIN

SOUTH CAPITOL CONSTR. ℄

EXISTING CONCRETE CURB TO REMAIN

EXISTING POLE & BASE TO REMAIN

EXISTING GUARDRAIL TO REMAIN

EXISTING STREETCAR TRACKS ACROSS SOUTH CAPITOL STREET TO REMAIN

(A)TOP=15.90
(B)TOP=15.98
(C)TOP=16.05
INV OUT=11.45

108" COMBINED SEWER

36" WATER

84" COMBINED SEWER

STREETCAR MAINTENANCE YARD

ASPHALT PARKING

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE047[illegible]
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

HD–35

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 95 OF 576

pHD-P035_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	96	576

MATCH LINE – STA. 234+00.00, SEE SHEET HD–35

MATCH LINE – STA. 239+50.00, SEE SHEET HD–37

BROOKLEY AVENUE SW

EXISTING B&O RAILROAD RIGHT OF WAY LINE

EXISTING FENCE TO REMAIN

PROPOSED CONSTRUCTION LICENSE

EXISTING ABANDON TRACKS TO REMAIN

EX TELECOM MH TOP TO BE ADJUSTED AS NEEDED

PROPOSED 10' MULTI-PURPOSE TRAIL

SOUTH CAPITOL CONSTR. ℄

EXISTING CONCRETE CURB TO REMAIN

SOUTH CAPITOL STREET SE

108" COMBINED SEWER

W 36" WATER

84" COMBINED SEWER

+00 | 235+00 | 236+00 | 237+00 | 238+00 | 239+00

LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20' 0 20' 40'

SCALE: 1"=20'

DISTRICT OF COLUMBIA · SHARON D. SIMONS · NO. PE50776 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

pHD-P036_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HD–36

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

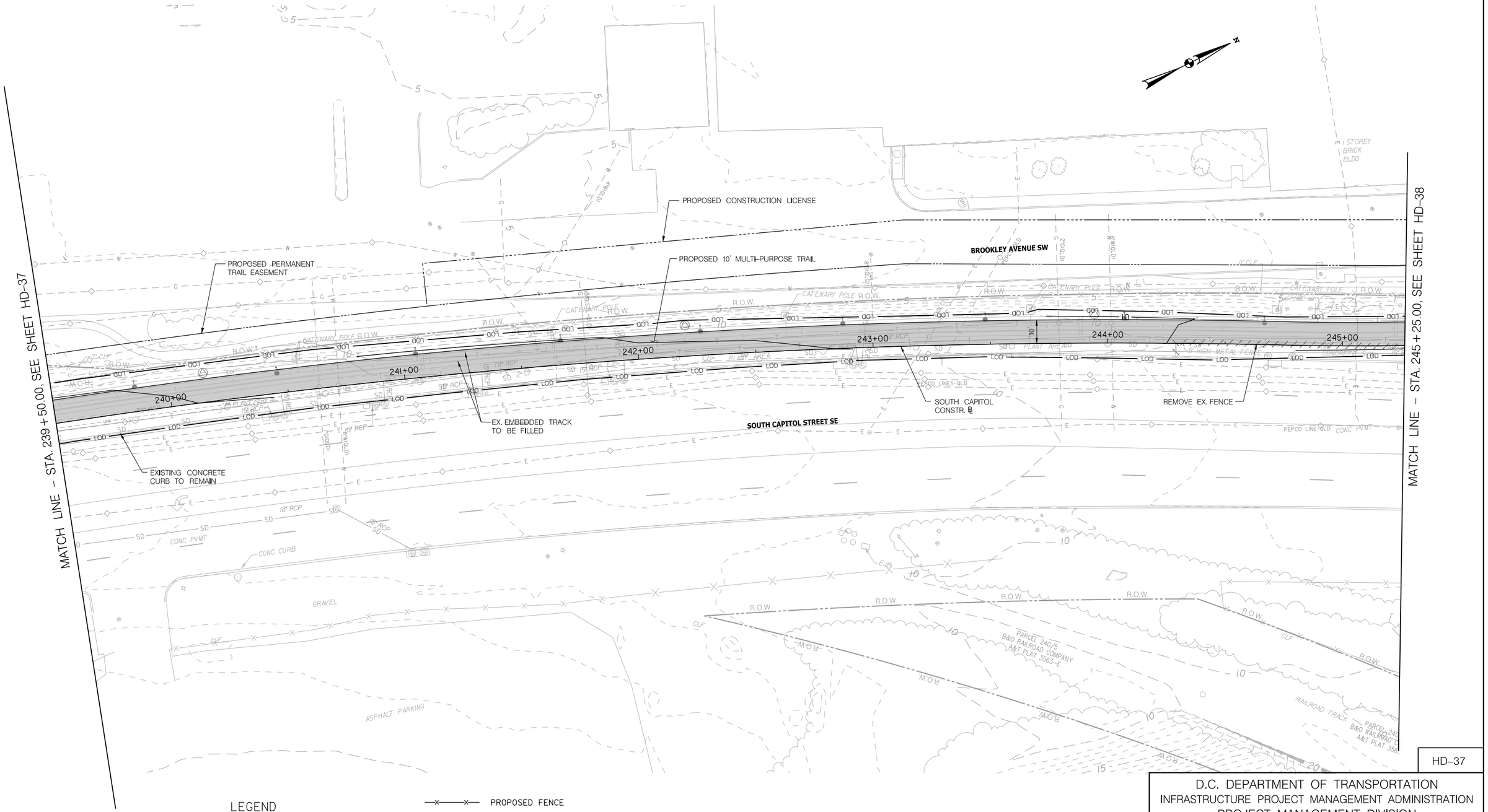
DIVISION CHIEF

DATE

FILE

SHEET 96 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	97	576



LEGEND

- EXIST. TO BE REMOVED
- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- MULTI-PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 — EXISTING CONTOUR
- 40 — PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. — EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD — LIMIT OF DISTURBANCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — DARLENE SIMONS — NO. PE011706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

pHD-P037_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

HD–37

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 97 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	98	576

LIMIT OF WORK
SOUTH CAPITOL STREET SW–5
STA. 247+88.00

MATCH LINE – STA. 245+25.00, SEE SHEET HD–38

PROPOSED PERMANENT TRAIL EASEMENT
PROPOSED CONSTRUCTION LICENSE
BROOKLEY AVENUE SW
EXISTING METAL FENCE TO REMAIN
PROPOSED 10' MULTI–PURPOSE TRAIL
EXISTING METAL FENCE TO BE REMOVED
EXISTING POLE TO REMAIN
EXIST. EMBEDDED TRACK TO BE FILLED WITH FLANGE FILLER
PROPOSED CURB RAMP STA. 247+52.50
DEFENSE BOULEVARD
EXISTING ROW
246+00
247+00
248+00
248+60
EXISTING CONCRETE CURB TO REMAIN
SOUTH CAPITOL CONSTR. ℄
EXISTING METAL FENCE TO REMAIN
5' HIGH METAL FENCE 15" RCP
SOUTH CAPITOL STREET SE
DDOT SOUTH CAPITOL STREET CORRIDOR BRIDGE PROJECT PHASE 1 (DESIGN BY OTHERS)
FIRTH STERLING AVENUE SE
ELEC BOX
STONE WALL
GRASS
BUS STOP
CONC CURB
ASPHALT PVMT
CONC W/ GUT
CATENARY POLE
BRICK WALL
1 STOREY BRICK BLDG
Brush
Debris

LEGEND

- EXIST. TO BE REMOVED
- MULTI–PURPOSE TRAIL (IMPERMEABLE)
- MULTI–PURPOSE TRAIL (PERMEABLE)
- MILL AND OVERLAY
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED ORNAMENTAL SECURITY WALL
- PROPOSED BRICK SECURITY WALL
- PROPOSED POST AND PANEL WALL
- R.O.W. EXISTING ROW
- PROPOSED CONSTRUCTION LICENSE
- PROPOSED PERMANENT TRAIL EASEMENT
- EXISTING PROPERTY LINE
- LOD LIMIT OF DISTURBANCE

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA — MARION G. SMOAK — NO. PE901706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HD–38

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

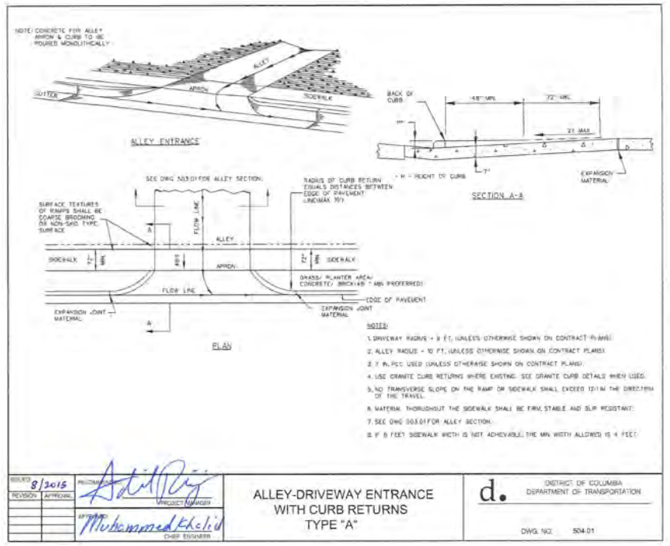
PAVING AND GRADING PLAN

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 98 OF 576

pHD-P038_SCSTrail.dgn
3/5/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	99	576



ISSUED: 8/2015 | REVISION | APPROVAL

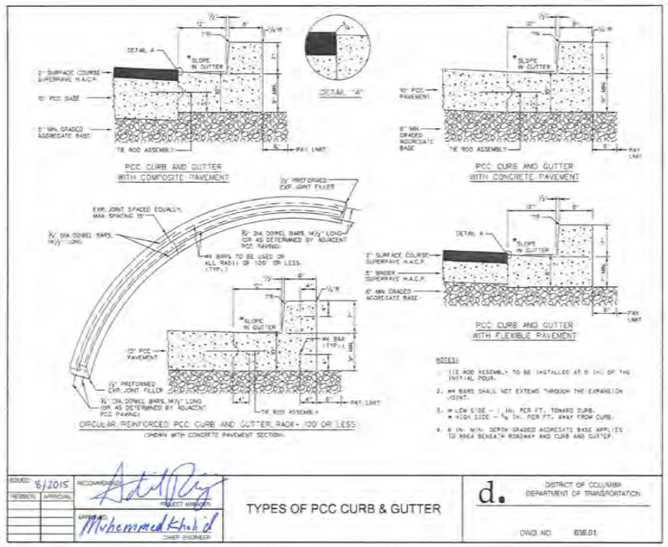
RECOMMENDED: PROJECT MANAGER

APPROVED: Muhammad Khalid, CHIEF ENGINEER

ALLEY-DRIVEWAY ENTRANCE WITH CURB RETURNS TYPE "A"

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG NO. 504.01



ISSUED: 8/2015 | REVISION | APPROVAL

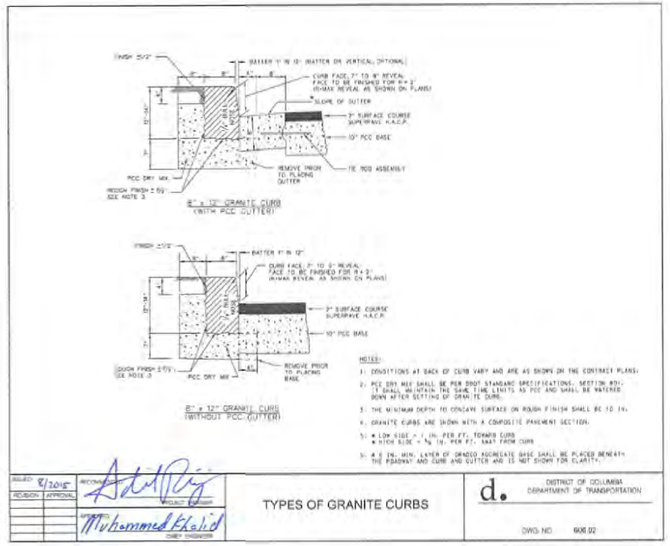
RECOMMENDED: PROJECT MANAGER

APPROVED: Muhammad Khalid, CHIEF ENGINEER

TYPES OF PCC CURB & GUTTER

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG NO. 606.01



ISSUED: 8/2015 | REVISION | APPROVAL

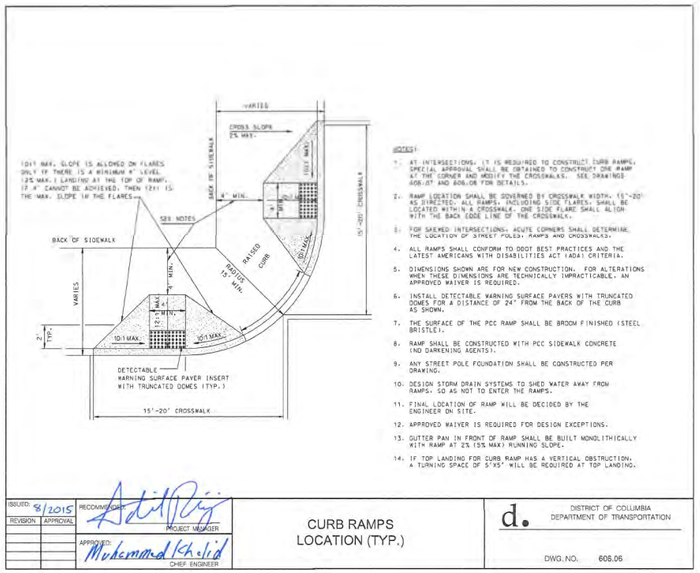
RECOMMENDED: PROJECT MANAGER

APPROVED: Muhammad Khalid, CHIEF ENGINEER

TYPES OF GRANITE CURBS

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG NO. 606.02



ISSUED: 8/2015 | REVISION | APPROVAL

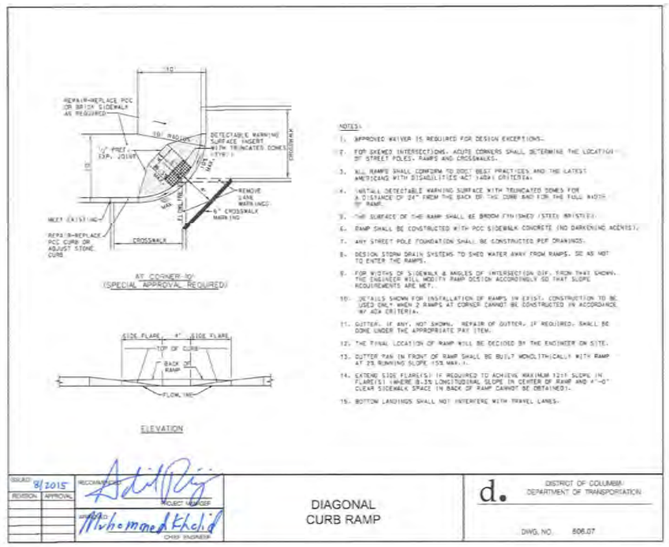
RECOMMENDED: PROJECT MANAGER

APPROVED: Muhammad Khalid, CHIEF ENGINEER

CURB RAMPS LOCATION (TYP.)

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG NO. 608.06



ISSUED: 8/2015 | REVISION | APPROVAL

RECOMMENDED: PROJECT MANAGER

APPROVED: Muhammad Khalid, CHIEF ENGINEER

DIAGONAL CURB RAMP

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG NO. 608.07

HD–39

DISTRICT OF COLUMBIA
MARION C. SIMOLA
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

ROADWAY DETAILS – 1

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

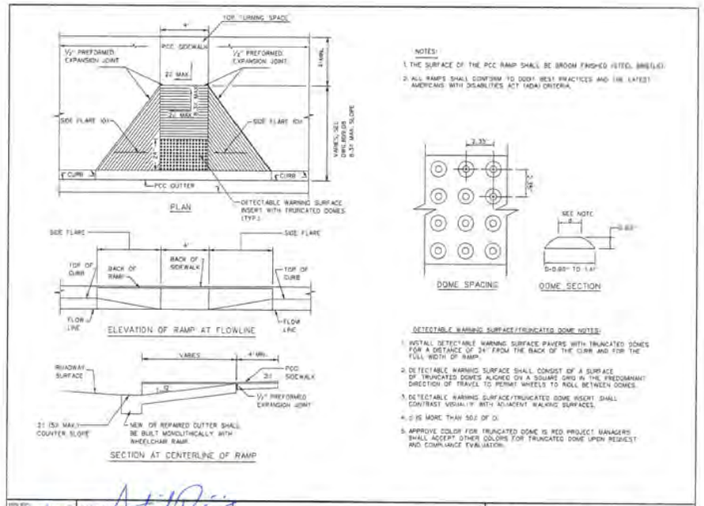
DATE

FILE

SHEET 99 OF 576

pHD-P039_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	100	576



NOTES:
1. THE SURFACE OF THE PCC RAMP SHALL BE BROOM FINISHED (STEEL BRISTLE).
2. ALL RAMPS SHALL CONFORM TO DDOT BEST PRACTICES AND THE LATEST AMERICANS WITH DISABILITIES ACT (ADA) CRITERIA.

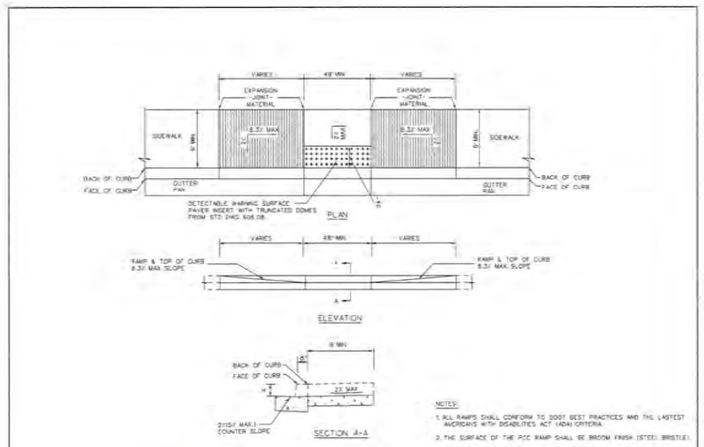
DETECTABLE WARNING SURFACE/TRUNCATED DOME NOTES:
1. INSTALL DETECTABLE WARNING SURFACE PAVERS WITH TRUNCATED DOMES FOR A DISTANCE OF 24" FROM THE BACK OF THE CURB AND FOR THE FULL WIDTH OF RAMP.
2. DETECTABLE WARNING SURFACE SHALL CONSIST OF A SURFACE OF TRUNCATED DOMES ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.
3. DETECTABLE WARNING SURFACE/TRUNCATED DOME INSERT SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES.
4. D IS MORE THAN 50.0 OF D.
5. APPROVE COLOR FOR TRUNCATED DOME IS RED PROJECT MANAGERS SHALL ACCEPT OTHER COLORS FOR TRUNCATED DOME UPON REQUEST AND COMPLIANCE EVALUATION.

ISSUED: 8/2015	RECOMMENDED: Adil Rizi, PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Mohammed Khalid, CHIEF ENGINEER

CURB RAMP DETAILS

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 606.08



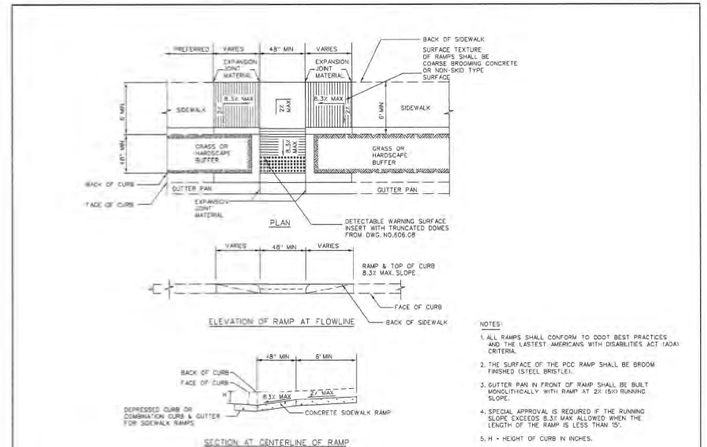
NOTES:
1. ALL RAMPS SHALL CONFORM TO DDOT BEST PRACTICES AND THE LASTEST AMERICANS WITH DISABILITIES ACT (ADA) CRITERIA.
2. THE SURFACE OF THE PCC RAMP SHALL BE BROOM FINISH (STEEL BRISTLE).
3. GUTTER PAN IN FRONT OF RAMP SHALL BE BUILT MONOLITHICALLY WITH RAMP AT 2% (5/8) RUNNING SLOPE.
4. H = HEIGHT OF CURB IN INCHES.

ISSUED: 8/2015	RECOMMENDED: Adil Rizi, PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Mohammed Khalid, CHIEF ENGINEER

SINGLE PARALLEL CONTINUOUS RAMP

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 606.09



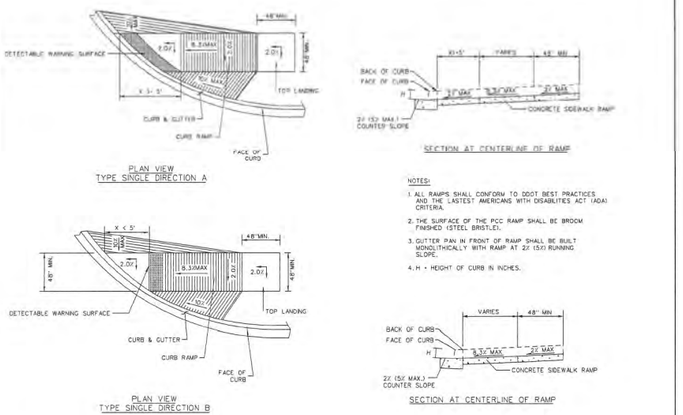
NOTES:
1. ALL RAMPS SHALL CONFORM TO DDOT BEST PRACTICES AND THE LASTEST AMERICANS WITH DISABILITIES ACT (ADA) CRITERIA.
2. THE SURFACE OF THE PCC RAMP SHALL BE BROOM FINISHED (STEEL BRISTLE).
3. GUTTER PAN IN FRONT OF RAMP SHALL BE BUILT MONOLITHICALLY WITH RAMP AT 2% (5/8) RUNNING SLOPE.
4. SPECIAL APPROVAL IS REQUIRED IF THE RUNNING SLOPE EXCEEDS 8.3± MAX ALLOWED WHEN THE LENGTH OF THE RAMP IS LESS THAN 15'.
5. H = HEIGHT OF CURB IN INCHES.

ISSUED: 8/2015	RECOMMENDED: Adil Rizi, PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Mohammed Khalid, CHIEF ENGINEER

COMBINATION RAMP

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 606.11



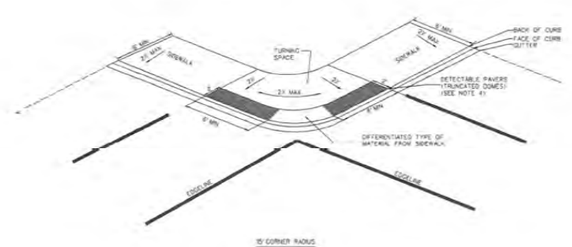
NOTES:
1. ALL RAMPS SHALL CONFORM TO DDOT BEST PRACTICES AND THE LASTEST AMERICANS WITH DISABILITIES ACT (ADA) CRITERIA.
2. THE SURFACE OF THE PCC RAMP SHALL BE BROOM FINISHED (STEEL BRISTLE).
3. GUTTER PAN IN FRONT OF RAMP SHALL BE BUILT MONOLITHICALLY WITH RAMP AT 2% (5/8) RUNNING SLOPE.
4. H = HEIGHT OF CURB IN INCHES.

ISSUED: 8/2015	RECOMMENDED: Adil Rizi, PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Mohammed Khalid, CHIEF ENGINEER

DIRECTIONAL RAMP

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 606.12



NOTES:
1. CURB AND GUTTER SHOULD BE FLUSH.
2. ALL RAMPS SHALL CONFORM TO DDOT BEST PRACTICES AND THE LASTEST AMERICANS WITH DISABILITIES ACT (ADA) CRITERIA.
3. GUTTER PAN IN FRONT OF RAMP SHALL BE BUILT MONOLITHICALLY WITH RAMP AT 2% (5/8) RUNNING SLOPE.
4. FOR TRUNCATED DOMES, PLEASE REFER TO 606.08.

ISSUED: 8/2015	RECOMMENDED: Adil Rizi, PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Mohammed Khalid, CHIEF ENGINEER

BLENDED TRANSITION

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 606.13

HD–40

DISTRICT OF COLUMBIA — DARLENE S. SIMONS — NO. PE007716 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

pHD-P040_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

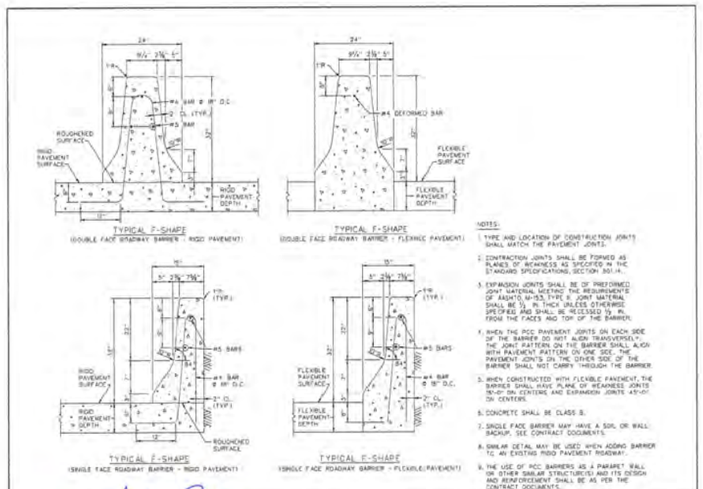
D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

ROADWAY DETAILS – 2

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	100 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	101	576



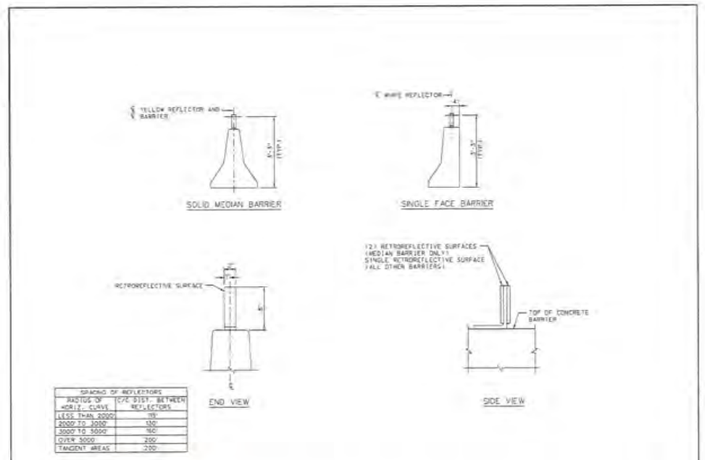
NOTES:
1. TYPE AND LOCATION OF CONSTRUCTION JOINTS SHALL MATCH THE PAVEMENT JOINTS.
2. CONTRACTION JOINTS SHALL BE FORMED AS PLANES OF WEAKNESS AS SPECIFIED IN THE STANDARD SPECIFICATIONS, SECTION 301.14.
3. EXPANSION JOINTS SHALL BE OF PREFORMED JOINT MATERIAL MEETING THE REQUIREMENTS OF AASHTO, M-153, TYPE II. JOINT MATERIAL SHALL BE ½" IN THICK UNLESS OTHERWISE SPECIFIED AND SHALL BE RECESSED ½" IN. FROM THE FACES AND TOP OF THE BARRIER.
4. WHEN THE PCC PAVEMENT JOINTS ON EACH SIDE OF THE BARRIER DO NOT ALIGN TRANSVERSELY, THE JOINT PATTERN ON THE BARRIER SHALL ALIGN WITH PAVEMENT PATTERN ON ONE SIDE. THE PAVEMENT JOINTS ON THE OTHER SIDE OF THE BARRIER SHALL NOT CARRY THROUGH THE BARRIER.
5. WHEN CONSTRUCTED WITH FLEXIBLE PAVEMENT, THE BARRIER SHALL HAVE PLANE OF WEAKNESS JOINTS 15'-0" ON CENTERS AND EXPANSION JOINTS 45'-0" ON CENTERS.
6. CONCRETE SHALL BE CLASS B.
7. SINGLE FACE BARRIER MAY HAVE A SOIL OR WALL BACKUP, SEE CONTRACT DOCUMENTS.
8. SIMILAR DETAIL MAY BE USED WHEN ADDING BARRIER TO AN EXISTING RIGID PAVEMENT ROADWAY.
9. THE USE OF PCC BARRIERS AS A PARAPET WALL ON OTHER SIMILAR STRUCTURES AND ITS DESIGN AND REINFORCEMENT SHALL BE AS PER THE CONTRACT DOCUMENTS.

ISSUED: 8/2015 | RECOMMENDED: PROJECT MANAGER | APPROVED: Mohammed Khalid CHIEF ENGINEER

PERMANENT PCC BARRIER
F - SHAPE

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG NO. 610.01



SPACING OF REFLECTORS

RADIUS OF HORIZ. CURVE	C/C DIST. BETWEEN REFLECTORS
LESS THAN 2000'	75'
2000' TO 3000'	100'
3000' TO 5000'	150'
OVER 5000'	200'
TANGENT AREAS	200'

ISSUED: 8/2015 | RECOMMENDED: PROJECT MANAGER | APPROVED: Mohammed Khalid CHIEF ENGINEER

CONCRETE BARRIER REFLECTORS
TOP MOUNTED

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG NO. 610.07

REFLECTOR BODY

THE REFLECTOR SHALL BE MADE OF A HIGH IMPACT, WEATHERABLE, ENGINEERING THERMO-PLASTIC MATERIAL WHICH CONFORMS TO THE FOLLOWING:

PROPERTY:	RESULT	METHOD ASTM TEST
THICKNESS (MIN.)	0.90"	-
TENSILE STRENGTH (MIN)	5,300	D638
IMPACT STRENGTH @ 20° F (FT-LBS/IN AT NOTCH)	2.2	D256 METHOD A
IMPACT STRENGTH @ 73°F (FT-LBS/IN AT NOTCH)	14.0	D256 METHOD A
FLEXURAL STRENGTH PSI @ 73°F	8,000	D790
FLEXURAL MODULUS PSI @ 73°F	300,000	D790
ELONGATION @ YIELD	30%	D638

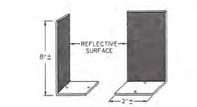
REFLECTIVE SURFACE

THE REFLECTOR SHALL BE A RETRO-REFLECTIVE ACRYLIC MICROPRISM MATERIAL WITH ACRYLIC BACKING WITH A MINIMUM AREA OF 16 SQ. IN. PROVIDING THE FOLLOWING MINIMUM OPTICAL PERFORMANCE WITH AN OBSERVATION ANGLE OF 0.1° MEASURE IN CANDLEPOWER/FC

ENTRANCE ANGLE	SPECIFIC INTENSITY
AMBER 4°	75
AMBER 30°	36
WHITE 4°	125
WHITE 30°	55

INSTALLATION

THE REFLECTOR SHALL BE MOUNTED TO THE TOP OF THE CONCRETE BARRIER AS SPECIFIED BY THE MANUFACTURER.

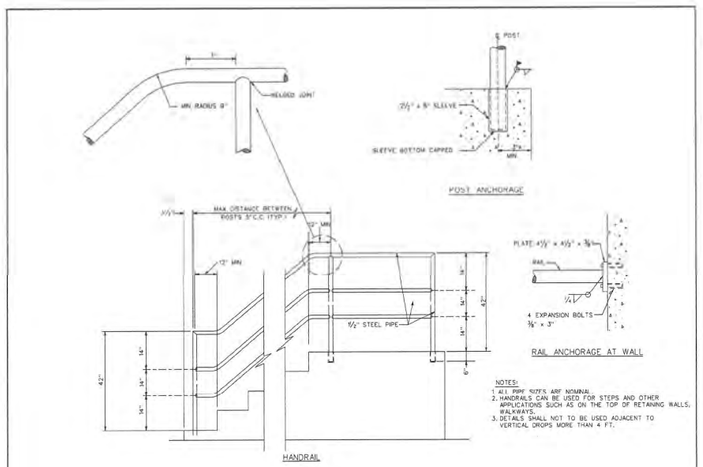


ISSUED: 8/2015 | RECOMMENDED: PROJECT MANAGER | APPROVED: Mohammed Khalid CHIEF ENGINEER

CONCRETE BARRIER
REFLECTORS SPECIFICATIONS

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG NO. 610.08



NOTES:
1. ALL PIPE SIZES ARE NOMINAL.
2. HANDRAILS CAN BE USED FOR STEPS AND OTHER APPLICATIONS SUCH AS ON THE TOP OF RETAINING WALLS, WALKWAYS.
3. DETAILS SHALL NOT TO BE USED ADJACENT TO VERTICAL DROPS MORE THAN 4 FT.

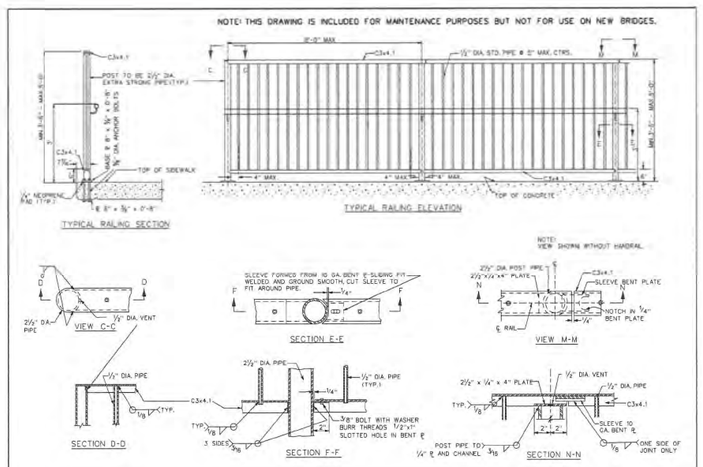
ISSUED: 8/2015 | RECOMMENDED: PROJECT MANAGER | APPROVED: Mohammed Khalid CHIEF ENGINEER

HAND RAIL

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG NO. 709.01

NOTE: THIS DRAWING IS INCLUDED FOR MAINTENANCE PURPOSES BUT NOT FOR USE ON NEW BRIDGES.

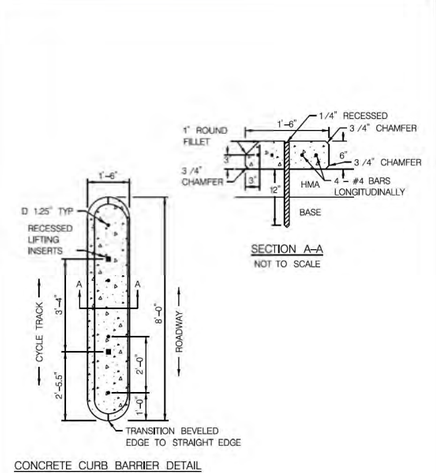


ISSUED: 8/2015 | RECOMMENDED: PROJECT MANAGER | APPROVED: Mohammed Khalid CHIEF ENGINEER

PEDESTRAIN RAILING DETAIL
WITH HANDRAIL 1

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG NO. 709.02



D.C. DEPARTMENT OF TRANSPORTATION
POLICY, PLANNING AND SUSTAINABILITY ADMINISTRATION
BICYCLE AND PEDESTRIAN PROGRAM

CYCLE TRACK BARRIER DETAIL

CC UNITED DEVELOPMENT BICYCLE FACILITIES

HD-41

DISTRICT OF COLUMBIA
MARLON D. SMOAK
NO. PE904706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

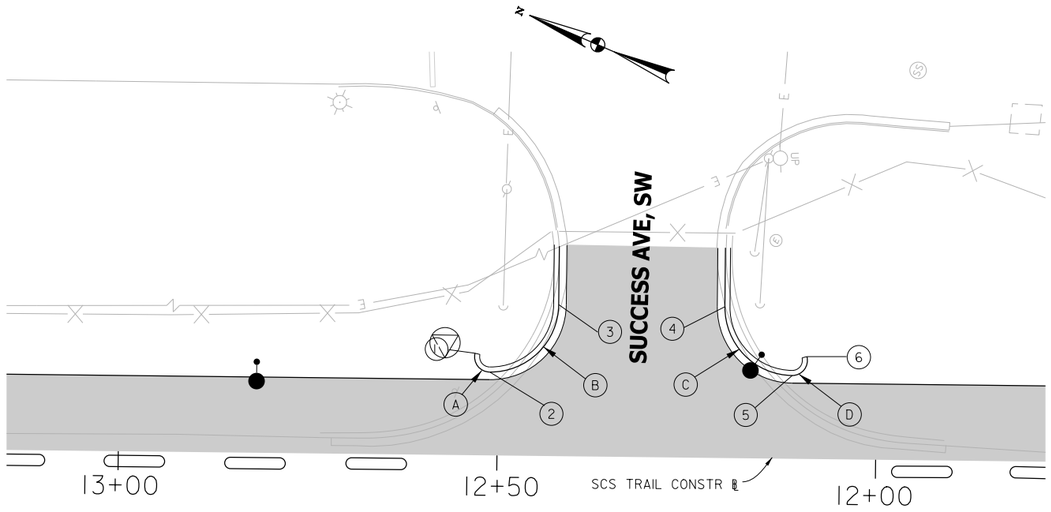
ROADWAY DETAILS – 3

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

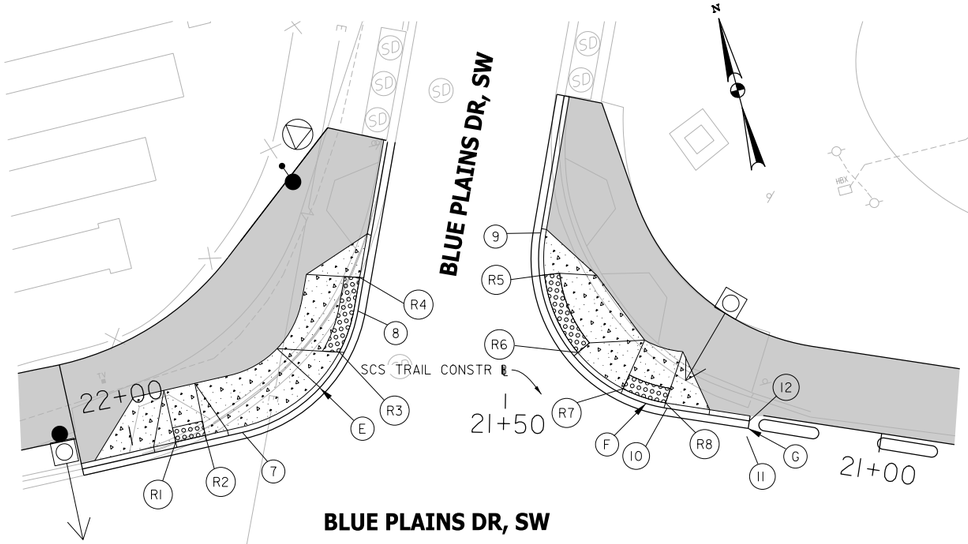
DIVISION CHIEF
DATE
FILE
SHEET 101 OF 576

phD-P041_SCStrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	102	576



DC VILLAGE LN, SW



BLUE PLAINS DR, SW

DESIGN POINT LAYOUT		
POINT	STATION	OFFSET
1	12+53.04	13.46′ RT
2	12+51.07	11.66′ RT
3	12+42.07	20.00′ RT
4	12+20.12	20.00′ RT
5	12+11.13	11.00′ RT
6	12+09.22	13.50′ RT
7	21+85.23	3.14′ LT
8	21+68.79	11.38′ RT
9	21+46.01	21.31′ RT
10	21+28.56	0.67′ LT
11	21+17.53	1.97′ LT
12	21+17.55	0.97′ RT

CURB RETURN CURVE DATA							
CURVE	FROM		TO		RADIUS	CHORD	LENGTH
	STATION	OFFSET	STATION	OFFSET			
(A)	12+53.04	13.46′ RT	12+51.07	11.66′ RT	2′	3.15′	3.63′
(B)	12+51.07	11.66′ RT	12+42.07	20.00′ RT	9′	12.73′	14.14′
(C)	12+20.12	20.00′ RT	12+11.13	11.00′ RT	9′	12.71′	14.12′
(D)	12+11.13	11.00′ RT	12+09.22	13.50′ RT	2′	3.16′	3.63′
(E)	21+85.23	3.14′ LT	21+68.79	11.38′ RT	20′	22.13′	23.44′
(F)	21+46.01	21.31′ RT	21+28.56	0.67′ LT	20′	28.56′	31.80′
(G)	21+17.57	3.03′ LT	21+17.55	0.97′ RT	2′	4.00′	6.30′

DESIGN POINT LAYOUT			
POINT	STATION	OFFSET	ELEVATION
R1	21+94.24	3.10′LT	41.36
R2	21+90.20	2.83′LT	41.38
R3	21+71.52	6.12′RT	41.54
R4	21+68.31	15.78′RT	41.63
R5	21+45.38	15.79′RT	41.99
R6	21+40.74	5.74′RT	41.90
R7	21+34.57	1.37′LT	41.84
R8	21+28.83	0.01′LT	41.84
R9	21+28.95	26.73′LT	41.34
R10	21+35.77	27.82′LT	41.30
R11	21+95.49	30.70′LT	41.29
R12	22+00.09	30.44′LT	41.31

10′ 0 10′ 20′
SCALE: 1″=10′

HD–42

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

INTERSECTION DETAILS
DC VILLAGE LN & SUCCESS AVE
BLUE PLAINS DR & BLUE PLAINS DR

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 102 OF 576

ch2m TOOLE DESIGN

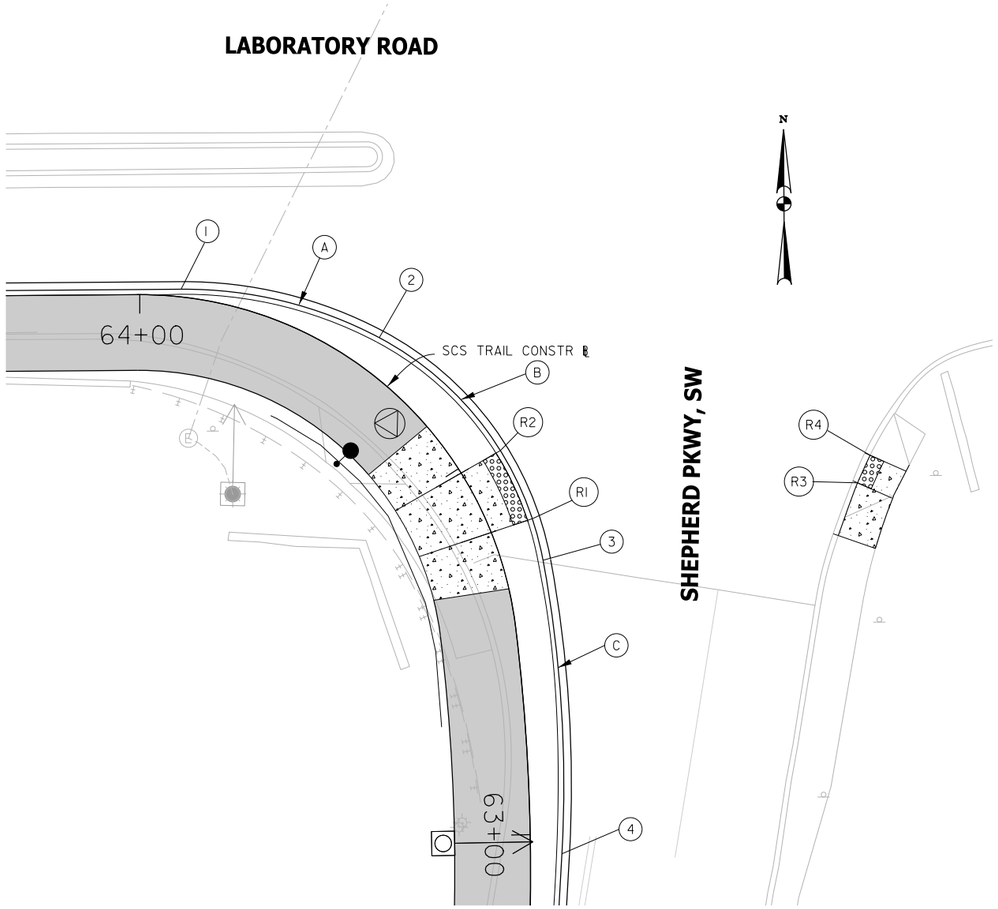
NO	DESCRIPTION	NAME	DATE

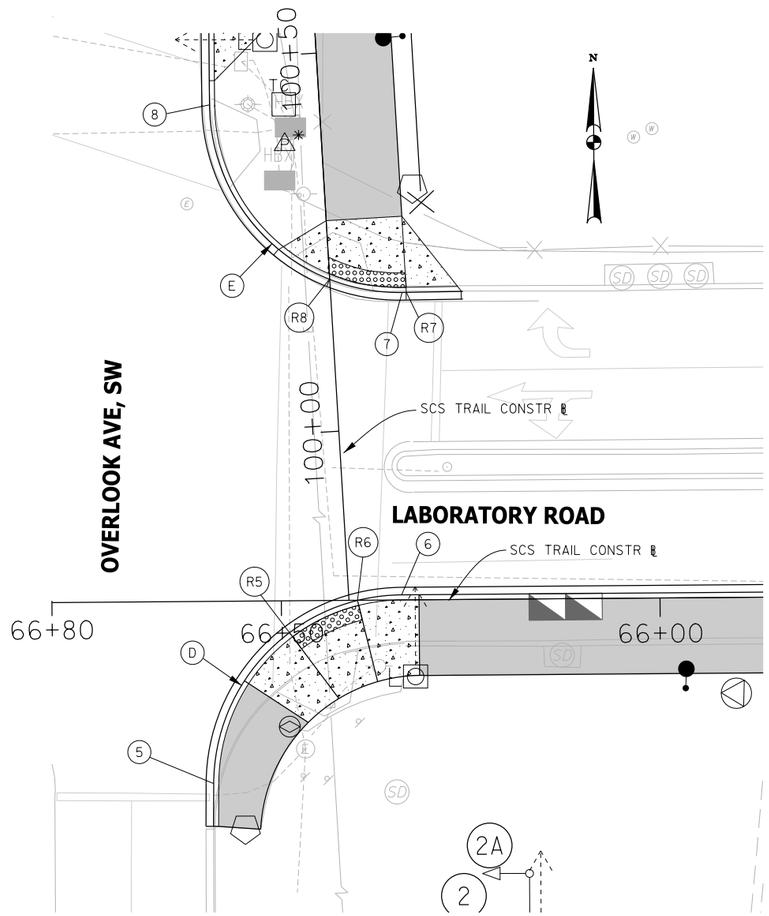
REVISIONS

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE904706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pHD-P042_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	103	576





DESIGN POINT LAYOUT		
POINT	STATION	OFFSET
I	63+94.48	1.00′ RT
2	63+68.85	4.44′ RT
3	63+34.93	5.29′ RT
4	62+97.37	4.13′ RT
5	66+59.10	24.05′ LT
6	66+34.10	0.67′ RT
7	100+17.78	9.44′ RT
8	100+44.03	14.46′ LT

CURB RETURN CURVE DATA							
CURVE	FROM		TO		RADIUS	CHORD	LENGTH
	STATION	OFFSET	STATION	OFFSET			
(A)	63+94.48	1.00′ RT	63+68.85	4.44′ RT	55′	26.94′	27.21′
(B)	63+68.85	4.44′ RT	63+34.93	5.29′ RT	42′	36.48′	37.73′
(C)	63+34.93	5.29′ RT	62+97.37	4.13′ RT	162′	38.79′	38.88
(D)	66+59.10	24.05′ LT	66+34.10	0.67′ RT	25′	35.16′	39.00′
(E)	100+17.78	9.44′ RT	100+44.03	14.46′ LT	25′	35.5′	39.47′

DESIGN POINT LAYOUT			
POINT	STATION	OFFSET	ELEVATION
RI	63+40.06	5.71′RT	43.19
R2	63+48.97	5.96′RT	42.88
R3	63+34.28	48.05′RT	43.81
R4	63+35.81	50.63′RT	43.83
R5	66+48.79	4.21′LT	35.23
R6	66+39.78	0.02′LT	35.19
R7	66+33.03	40.62′RT	36.37
R8	66+43.17	43.12′RT	36.67

10′ 0 10′ 20′
SCALE: 1"=10′

DISTRICT OF COLUMBIA
SHARLON D. SINCLAIR
NO. PE904786
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HD–43

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

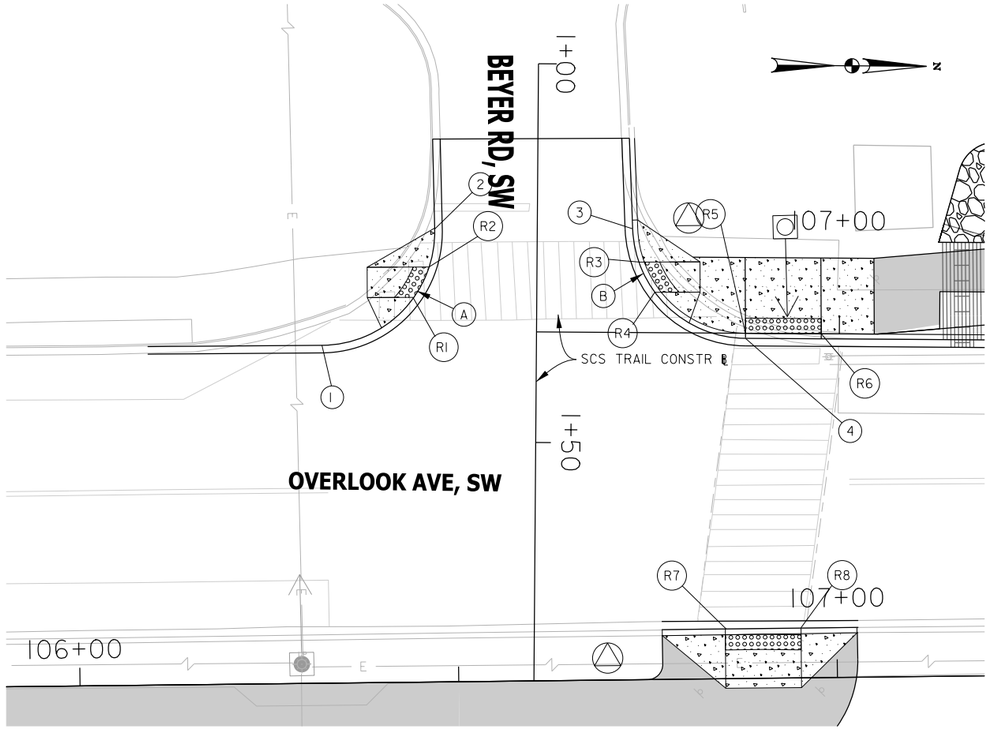
INTERSECTION DETAILS
LABORATORY ROAD & SHEPHERD PARKWAY
LABORATORY ROAD & OVERLOOK AVENUE

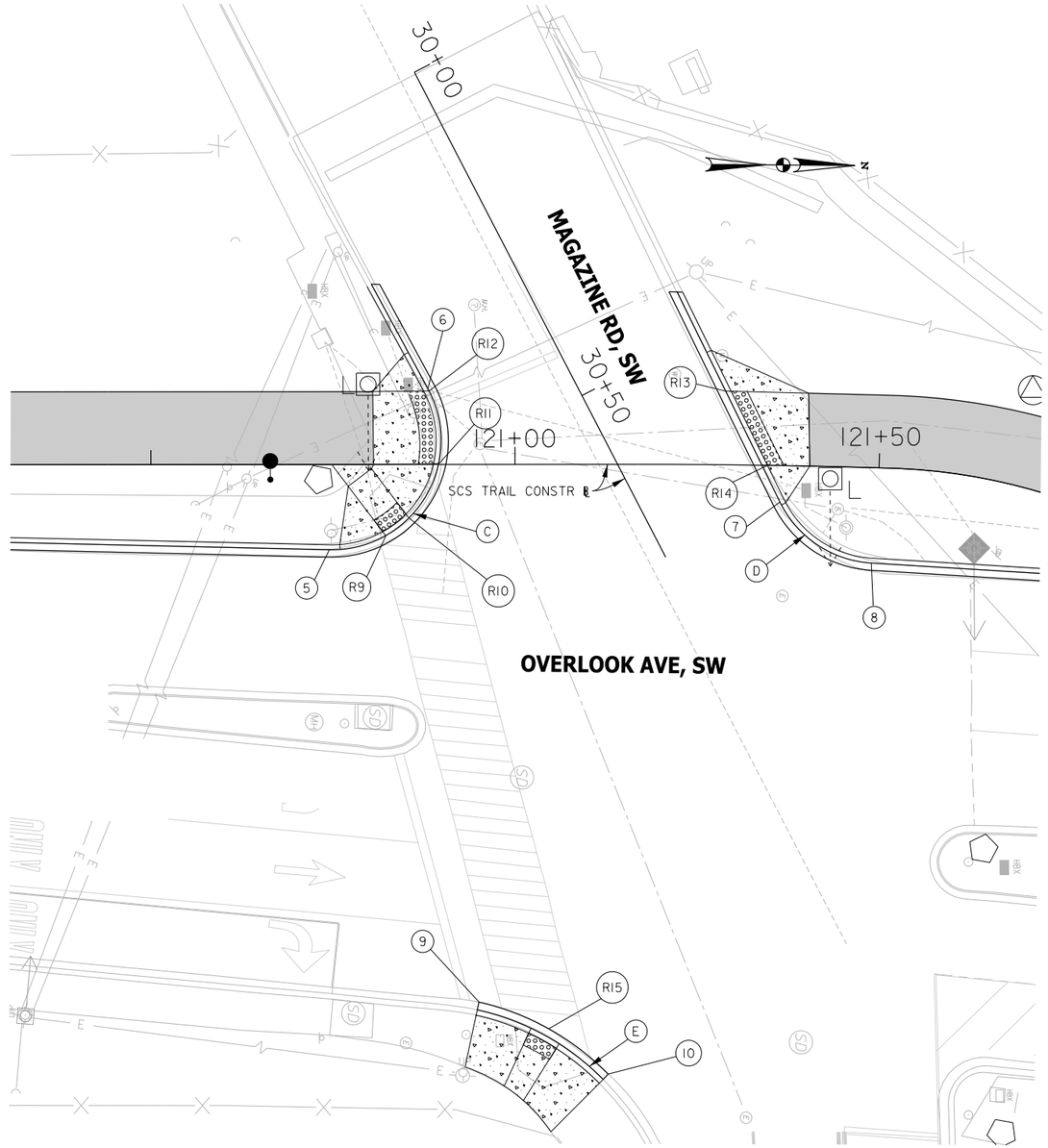
PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

DIVISION CHIEF
DATE
FILE
SHEET 103 OF 576

phD-P043_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	104	576





DESIGN POINT LAYOUT		
POINT	STATION	OFFSET
1	106+54.81	44.60′ LT
2	106+69.86	59.79′ LT
3	106+95.05	10.42′ LT
4	107+09.83	4.15′ RT
5	120+96.60	11.70′RT
6	121+10.14	10.44′LT
7	121+58.56	5.00′RT
8	121+71.41	13.10′RT
9	120+94.77	74.88′RT
10	121+12.04	84.42′RT

CURB RETURN CURVE DATA							
CURVE	FROM		TO		RADIUS	CHORD	LENGTH
	STATION	OFFSET	STATION	OFFSET			
(A)	106+54.81	44.60′ LT	106+69.86	59.79′ LT	15′	21.38′	23.80′
(B)	106+95.05	10.42′ LT	107+09.83	4.15′ RT	15′	12.42′	22.92′
(C)	120+96.60	11.70′RT	121+10.14	10.44′LT	15′	25.95′	31.36′
(D)	121+58.56	5.00′RT	121+71.41	13.10′RT	15′	15.10′	15.82′
(E)	120+94.77	74.88′RT	121+12.04	84.42′RT	34.90′	19.73′	20.00′

DESIGN POINT LAYOUT			
POINT	STATION	OFFSET	ELEVATION
R1	1+30.96	16.35′RT	56.61
R2	1+26.94	14.27′RT	56.28
R3	1+26.08	13.56′LT	56.95
R4	1+30.06	15.53′LT	57.40
R5	106+88.37	45.58′RT	58.25
R6	106+98.37	45.40′RT	58.60
R7	106+85.27	6.56′LT	58.37
R8	106+95.27	6.56′LT	58.71
R9	120+82.27	9.80′RT	76.32
R10	120+85.40	7.30′RT	76.11
R11	30+44.90	20.00′RT	75.49
R12	30+39.78	18.33′RT	71.89
R13	30+58.54	17.80′LT	74.71
R14	30+69.87	17.54′LT	75.17
R15	121+04.59	77.48′RT	77.23

10′ 0 10′ 20′
SCALE: 1"=10′

DISTRICT OF COLUMBIA
SHARLON A. SIMONS
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHD-P044_SCSTrail.dgn
3/5/2026

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

HD–44

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

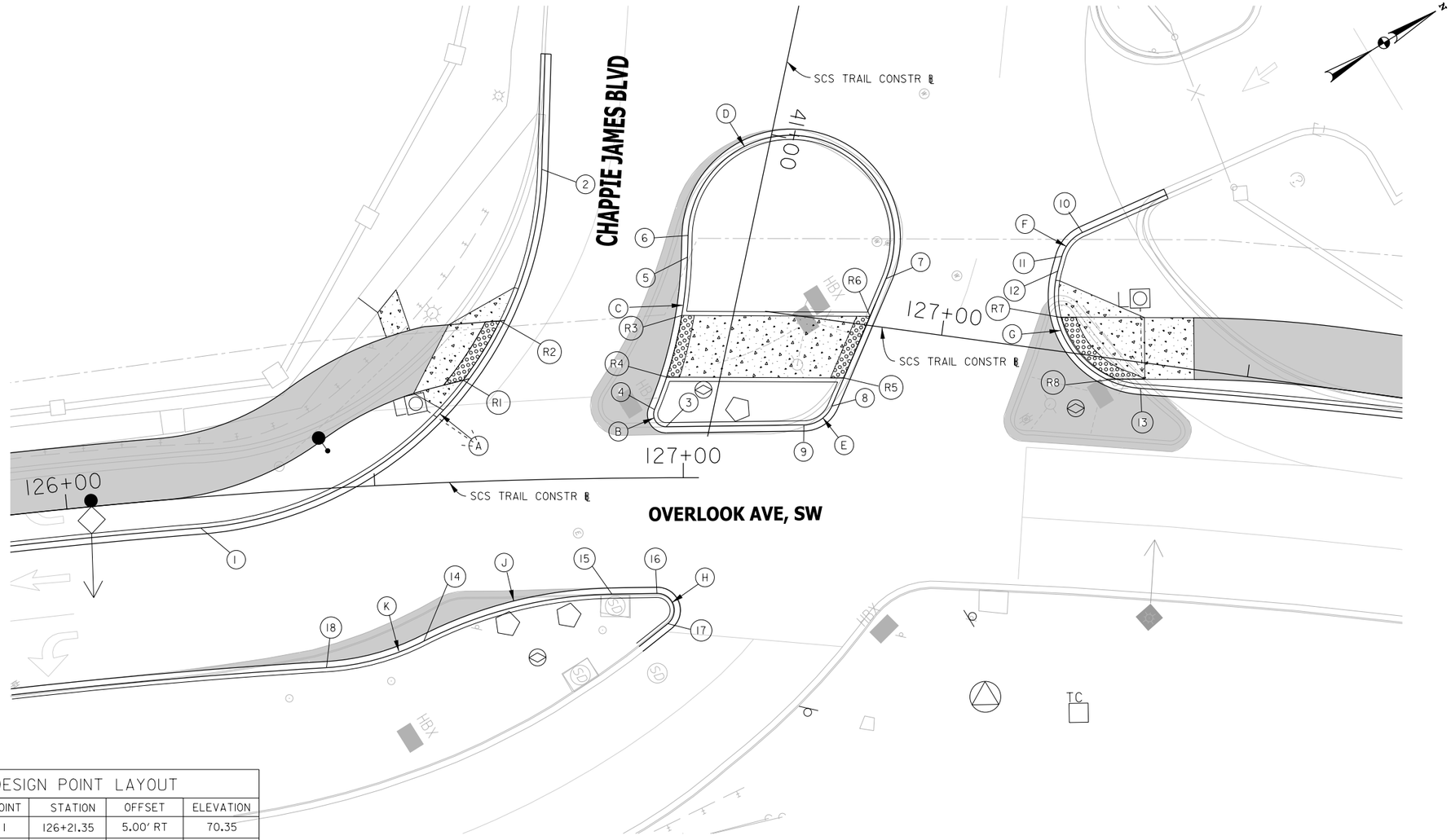
INTERSECTION DETAILS
OVERLOOK AVENUE & BEYER ROAD
OVERLOOK AVENUE & MAGAZINE ROAD

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

DIVISION CHIEF

DATE
FILE
SHEET 104 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	105	576



DESIGN POINT LAYOUT

POINT	STATION	OFFSET	ELEVATION
1	126+21.35	5.00′ RT	70.35
2	41+13.20	35.25′ RT	68.72
3	41+49.84	6.91′ RT	69.25
4	41+47.51	9.31′ RT	69.84
5	41+22.30	9.14′ RT	69.43
6	41+18.78	9.84′ RT	69.34
7	41+19.00	23.00′ LT	68.53
8	41+41.00	18.67′ LT	68.81
9	41+44.92	14.87′ LT	68.83
10	41+05.08	52.54′ LT	67.73
11	41+09.55	50.10′ LT	68.05
12	41+12.00	49.93′ LT	68.19
13	127+33.08	4.18′ RT	67.72
14	126+59.75	24.10′ RT	69.46
15	126+88.19	17.78′ RT	69.30
16	126+95.63	18.73′ RT	69.19
17	126+97.40	23.64′ RT	68.65
18	126+40.43	29.00′ RT	69.80

CURB RETURN CURVE DATA

CURVE	FROM		TO		RADIUS	CHORD	LENGTH
	STATION	OFFSET	STATION	OFFSET			
(A)	126+21.35	5.00′ RT	41+13.20	35.25′ RT	45′	60.56′	66.45′
(B)	41+49.84	6.91′ RT	41+47.51	9.31′ RT	2′	3.35′	3.96′
(C)	41+47.51	9.31′ RT	41+22.30	9.14′ RT	69′	25.28′	25.42′
(D)	41+18.78	9.84′ RT	41+19.00	23.00′ LT	16.7′	32.82′	58.69′
(E)	41+41.00	18.67′ LT	41+44.92	14.87′ LT	5′	5.46′	5.78′
(F)	41+05.08	52.54′ LT	41+09.55	50.10′ LT	6′	5.09′	5.26′
(G)	41+12.00	49.93′ LT	127+33.08	4.18′ RT	15′	23.26′	26.61′
(H)	126+95.63	18.73′ RT	126+97.40	23.64′ RT	2.75′	5.20′	6.83′
(J)	126+59.75	24.10′ RT	126+80.38	18.82′ RT	40′	20.88′	21.12′
(K)	126+59.75	24.10′ RT	126+40.43	29.00′ RT	40′	19.42′	19.62′

DESIGN POINT LAYOUT

POINT	STATION	OFFSET	ELEVATION
R1	41+49.27	40.61′ RT	69.26
R2	41+38.63	36.79′ RT	69.03
R3	41+31.67	8.15′ RT	68.99
R4	41+41.96	8.49′ RT	69.16
R5	41+36.14	19.62′ LT	69.36
R6	41+25.50	21.70′ LT	68.75
R7	41+19.36	51.99′ LT	67.96
R8	41+27.18	62.79′ LT	67.86

10′ 0 10′ 20′
SCALE: 1"=10′

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHD-P045_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

HD–45

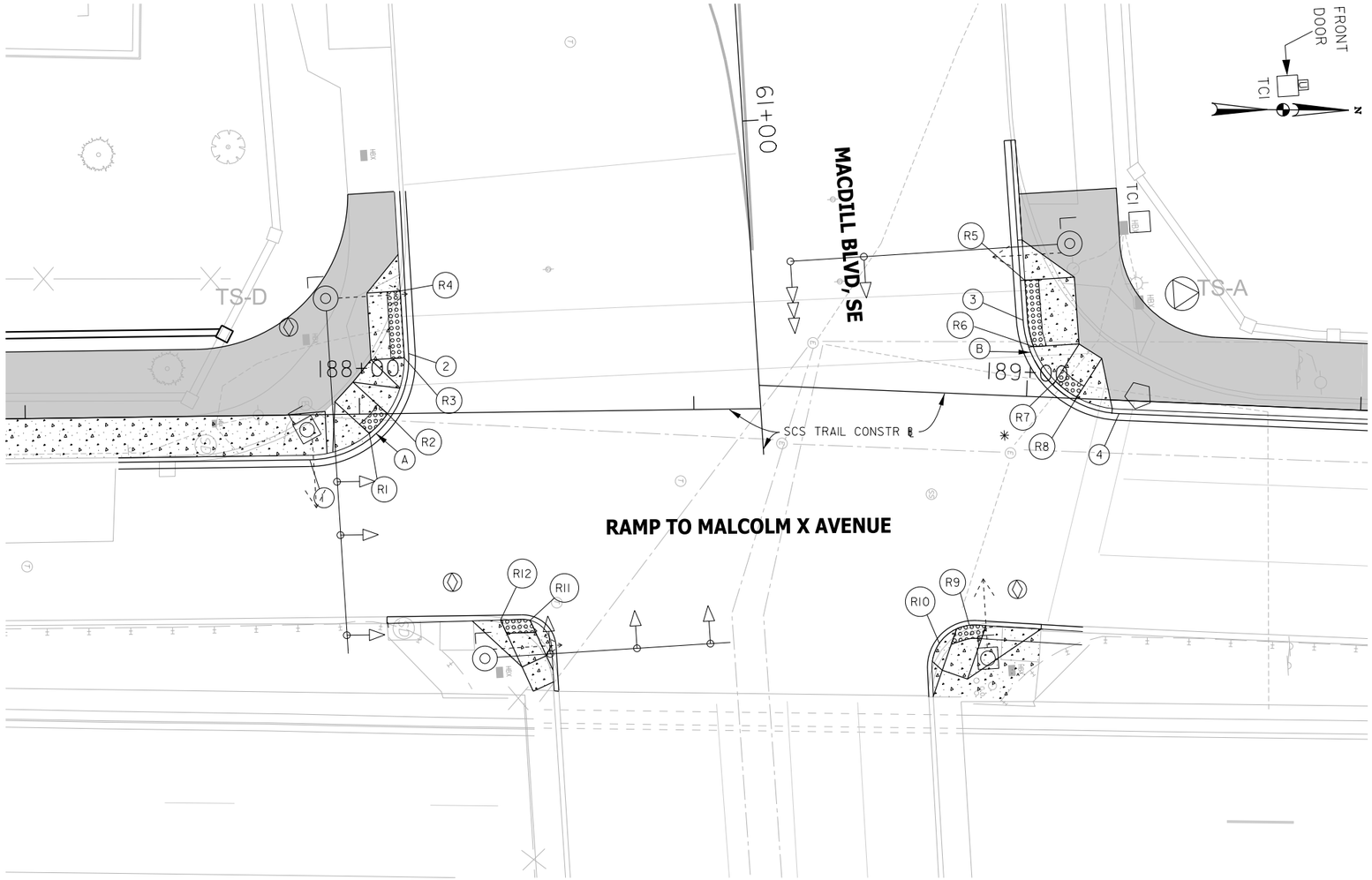
D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

INTERSECTION DETAILS
OVERLOOK AVENUE &
CHAPPIE JAMES BOULEVARD

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	105 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	106	576



DESIGN POINT LAYOUT			
POINT	STATION	OFFSET	ELEVATION
1	187+92.42	6.74′ RT	44.26
2	61+31.54	52.04′ RT	43.00
3	61+32.40	40.00′ LT	43.02
4	189+13.93	2.00′ RT	43.47

CURB RETURN CURVE DATA							
CURVE	FROM		TO		RADIUS	CHORD	LENGTH
	STATION	OFFSET	STATION	OFFSET			
(A)	187+92.42	6.74′ RT	61+31.54	52.04′ RT	15′	21.70′	24.26′
(B)	61+32.40	40.00′ LT	189+13.93	2.00′ RT	15′	20.02′	21.91′

DESIGN POINT LAYOUT			
POINT	STATION	OFFSET	ELEVATION
R1	188+01.43	2.92′ RT	43.57
R2	188+04.17	0.00′ RT	43.49
R3	188+06.79	8.33′ LT	43.19
R4	188+06.34	18.32′ LT	43.04
R5	188+99.03	17.35′ LT	42.91
R6	189+00.71	7.48′ LT	43.06
R7	189+04.23	2.45′ LT	43.07
R8	189+07.53	0.18′ LT	43.04
R9	188+95.37	34.50′ RT	43.68
R10	188+90.99	35.16′ RT	43.64
R11	188+25.08	31.18′ RT	43.65
R12	188+20.66	31.10′ RT	43.83

10′ 0 10′ 20′
SCALE: 1"=10′

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE009700
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHD-P046_SCSTr-all.dgn
3/5/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HD–46

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

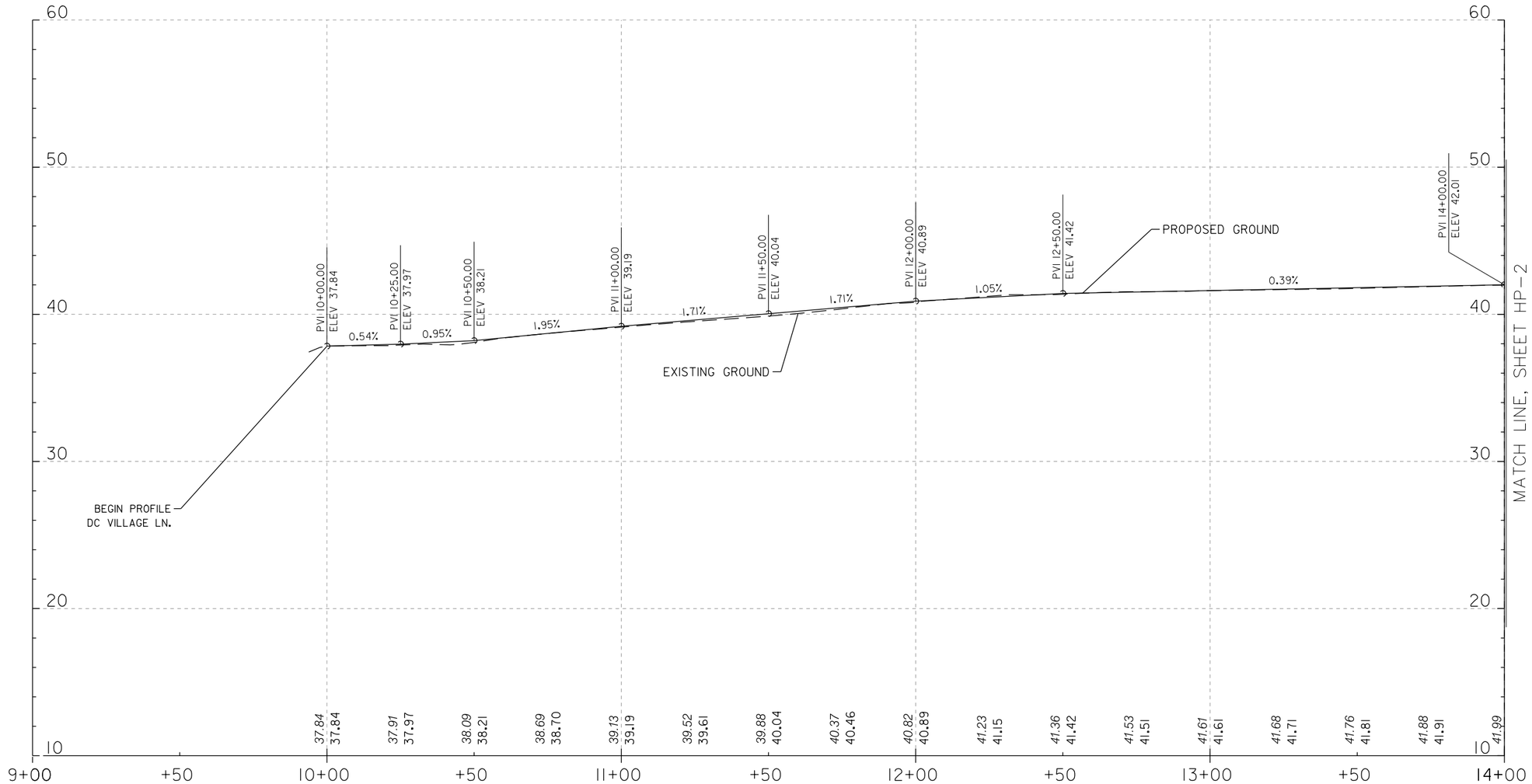
DIVISION CHIEF

DATE
FILE

SHEET 106 OF 576

INTERSECTION DETAILS
RAMP TO MALCOLM X AVENUE
& MACDILL BOULEVARD

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	107	576



HP-1

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
SHARLON D. SHOWERS
NO. PE047[illegible]
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

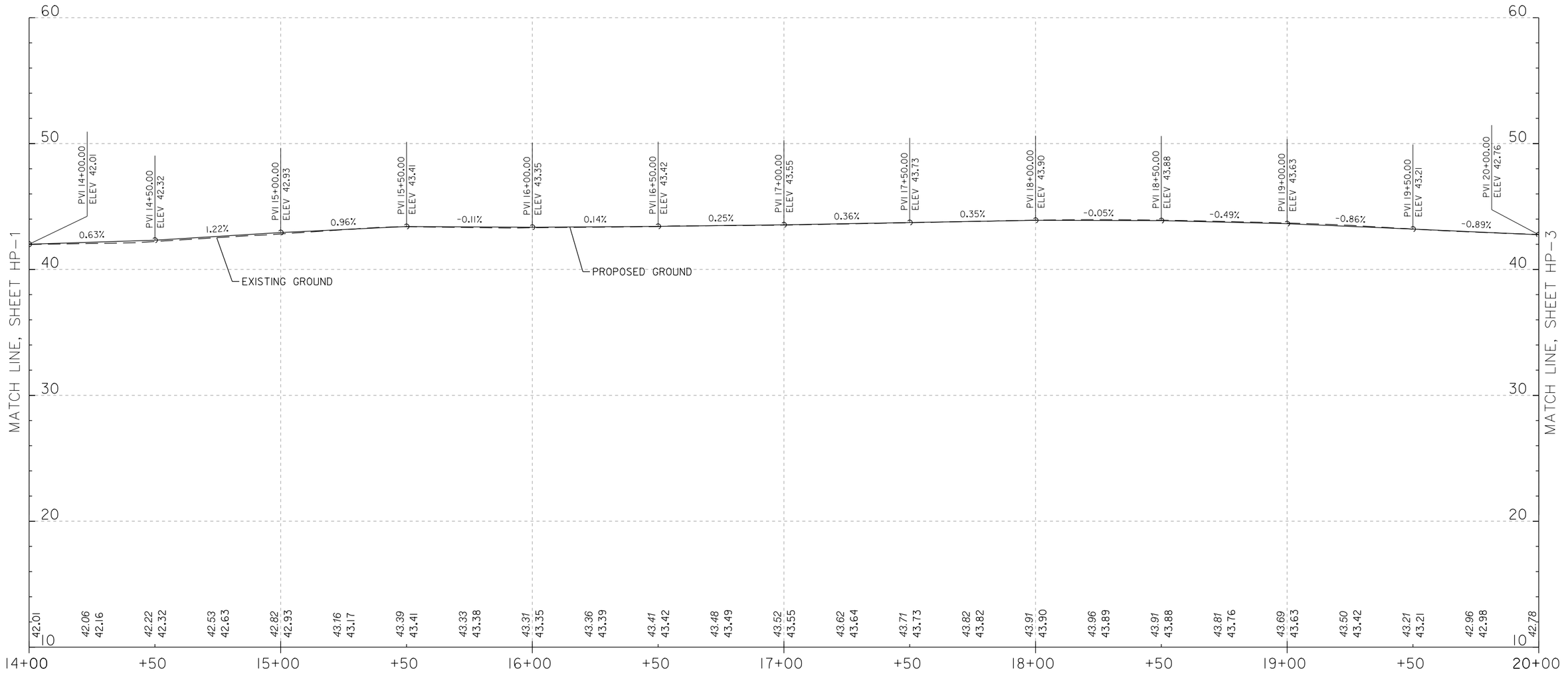
DC VILLAGE LN. TRAIL PROFILE
STA. 10+00.00 TO 15+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 107 OF 576

pHP-P001_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	108	576



HP-2

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
RAMON G. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

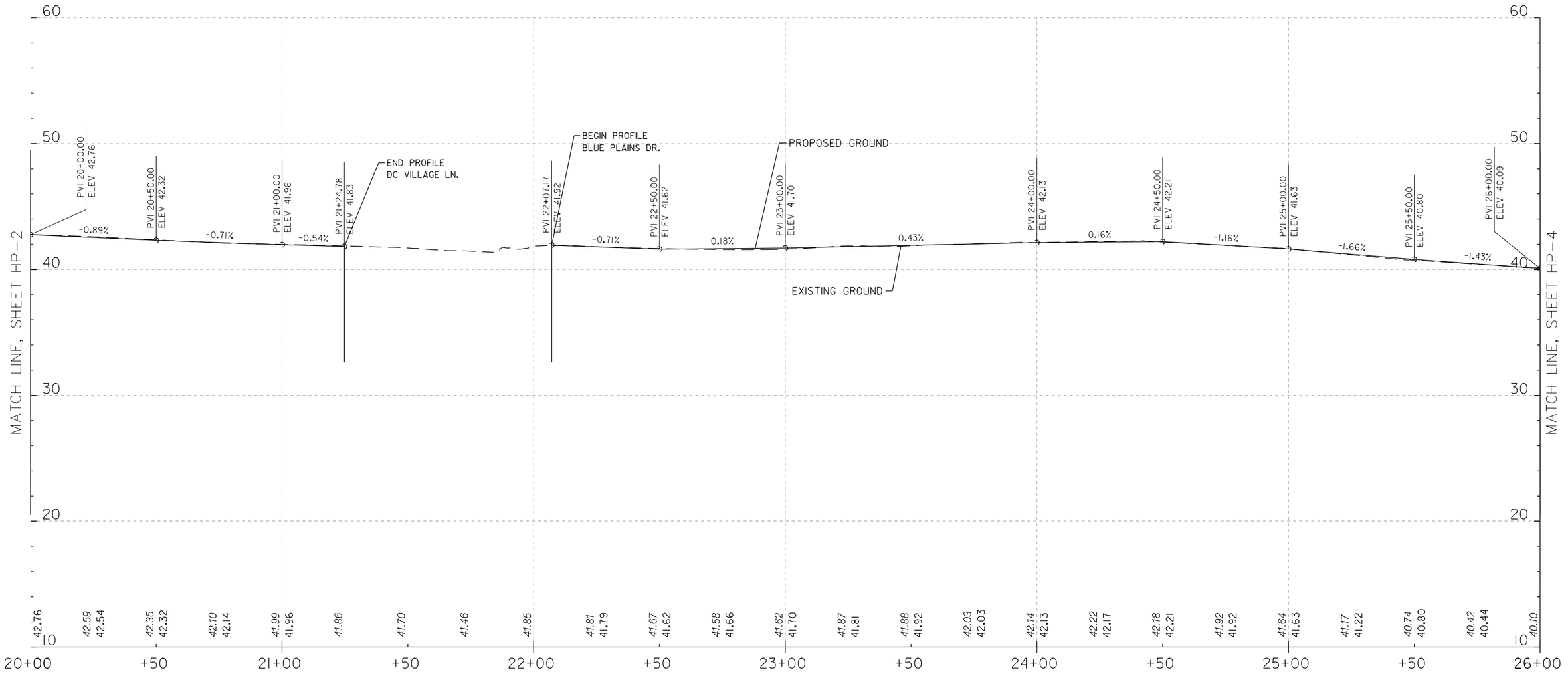
DC VILLAGE LN. TRAIL PROFILE
STA. 15+00.00 TO 21+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 108 OF 576

pHP-P002_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	109	576



HP-3

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
RAMON G. SMOAK
NO. PE014176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

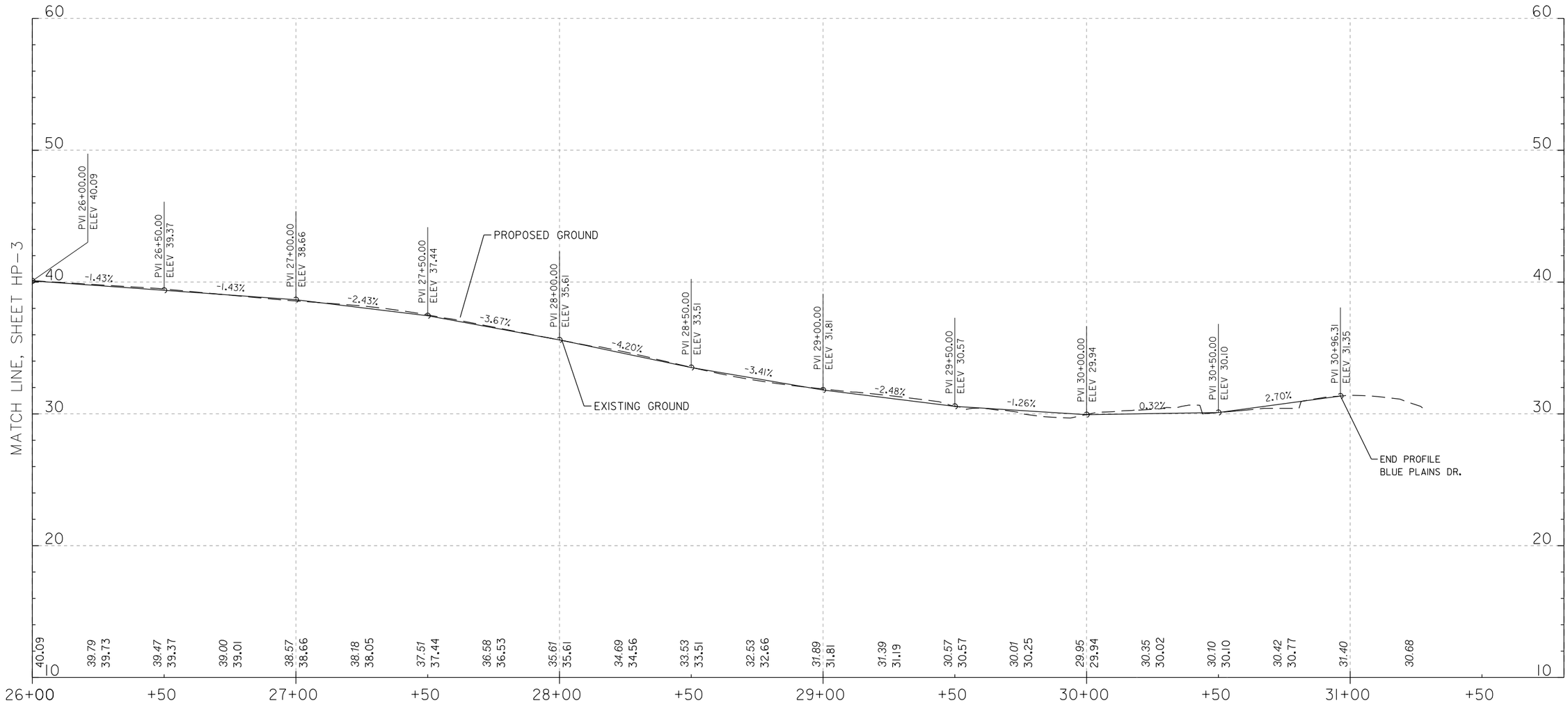
BLUE PLAINS DR. TRAIL PROFILE
STA. 21+00.00 TO 27+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 109 OF 576

pHP-P003_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	110	576



HP-4

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
DARION D. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

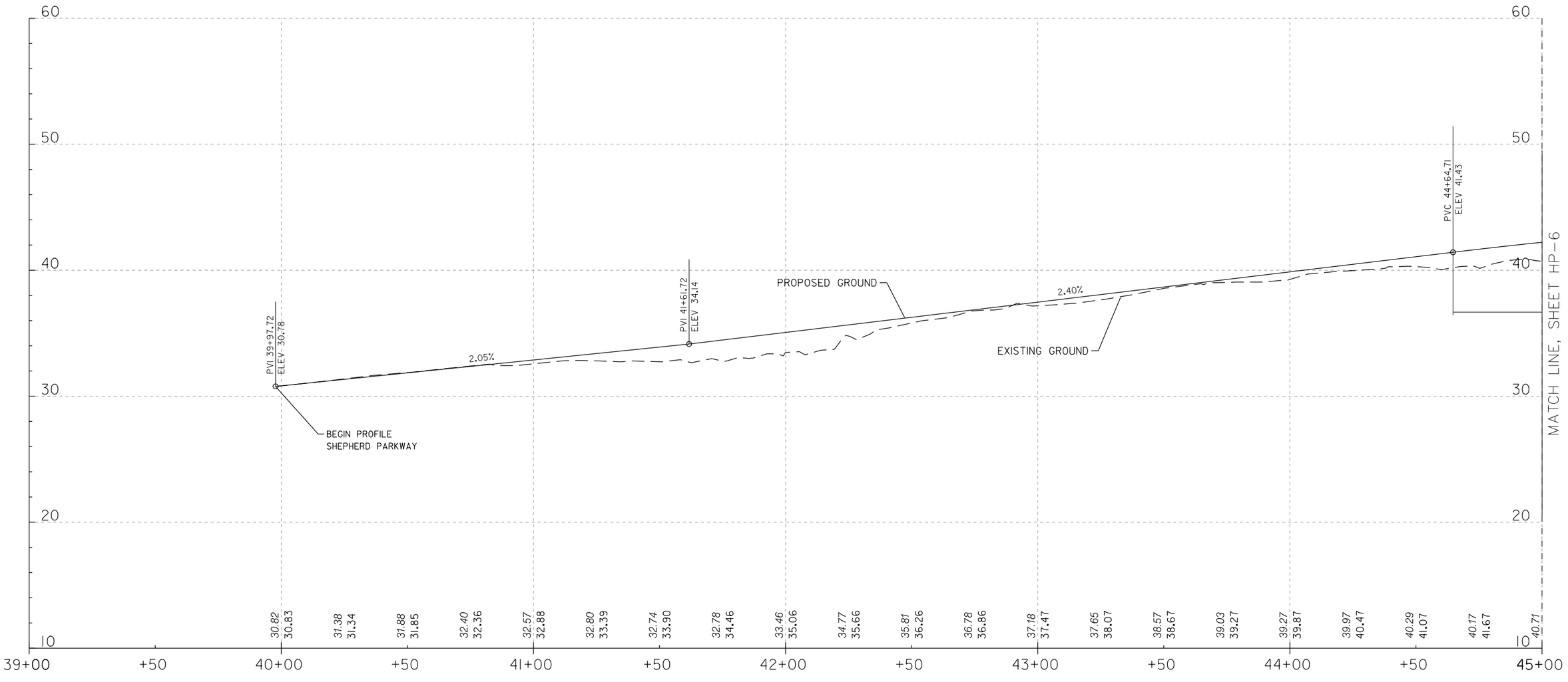
BLUE PLAINS DR. TRAIL PROFILE
STA. 27+00.00 TO 31+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 110 OF 576

pHP-P004_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	111	576



HP-5

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARION D. SMOAK
NO. PE009706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

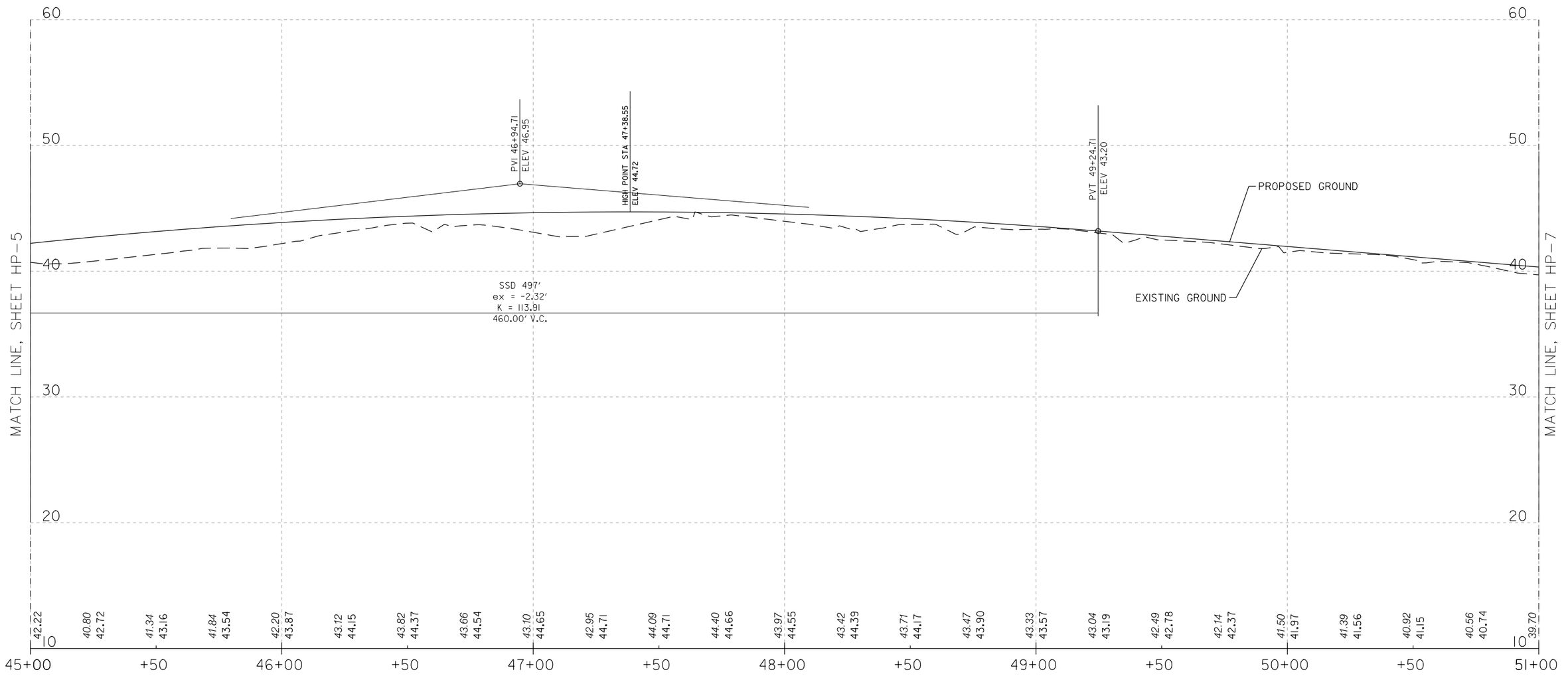
SHEPHERD PARKWAY TRAIL PROFILE
STA. 40+00.00 TO 45+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 111 OF 576

pHP-P005_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	112	576



HP-6

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
DARRON G. SMOAK
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m
TOOLE
DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SHEPHERD PARKWAY TRAIL PROFILE
STA. 45+00.00 TO 51+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

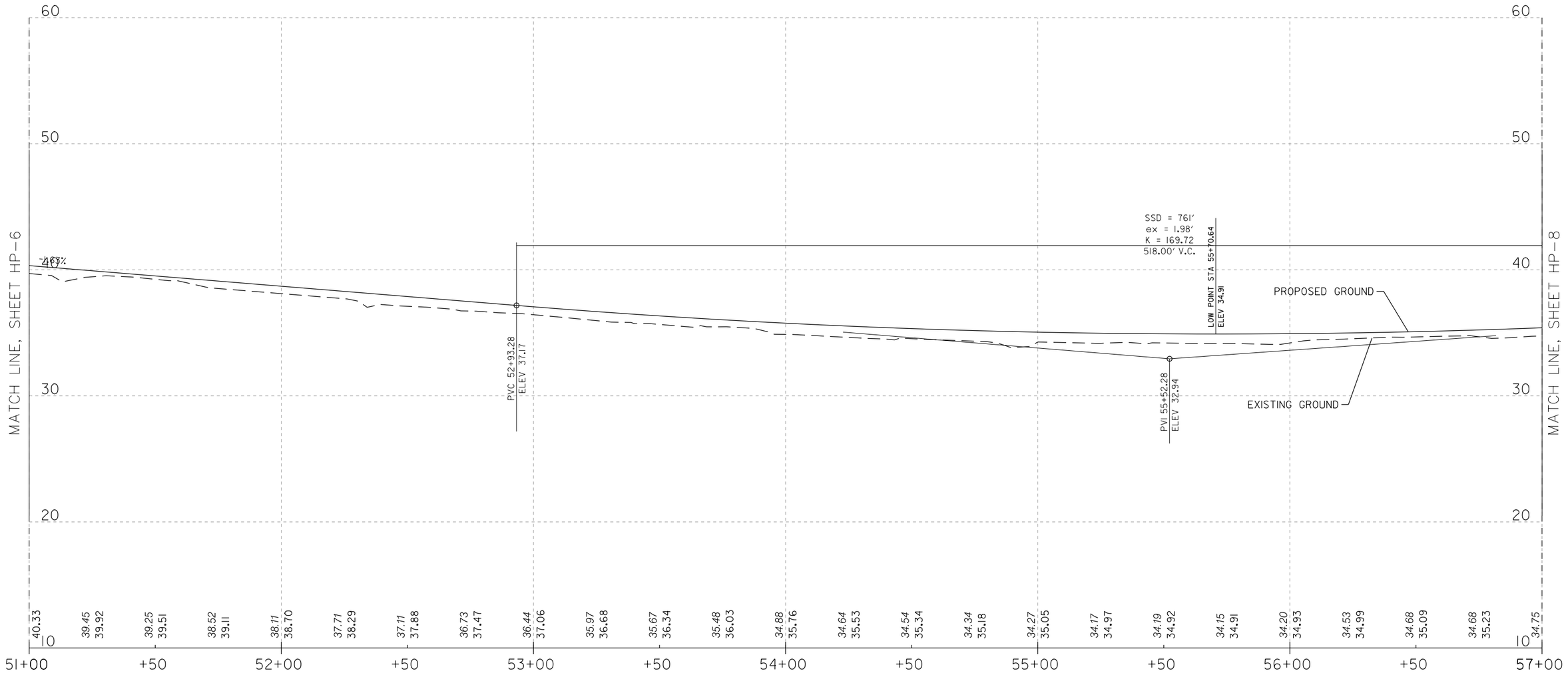
DATE

FILE

SHEET 112 OF 576

pHP-P006_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	113	576



HP-7

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
RAMON C. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

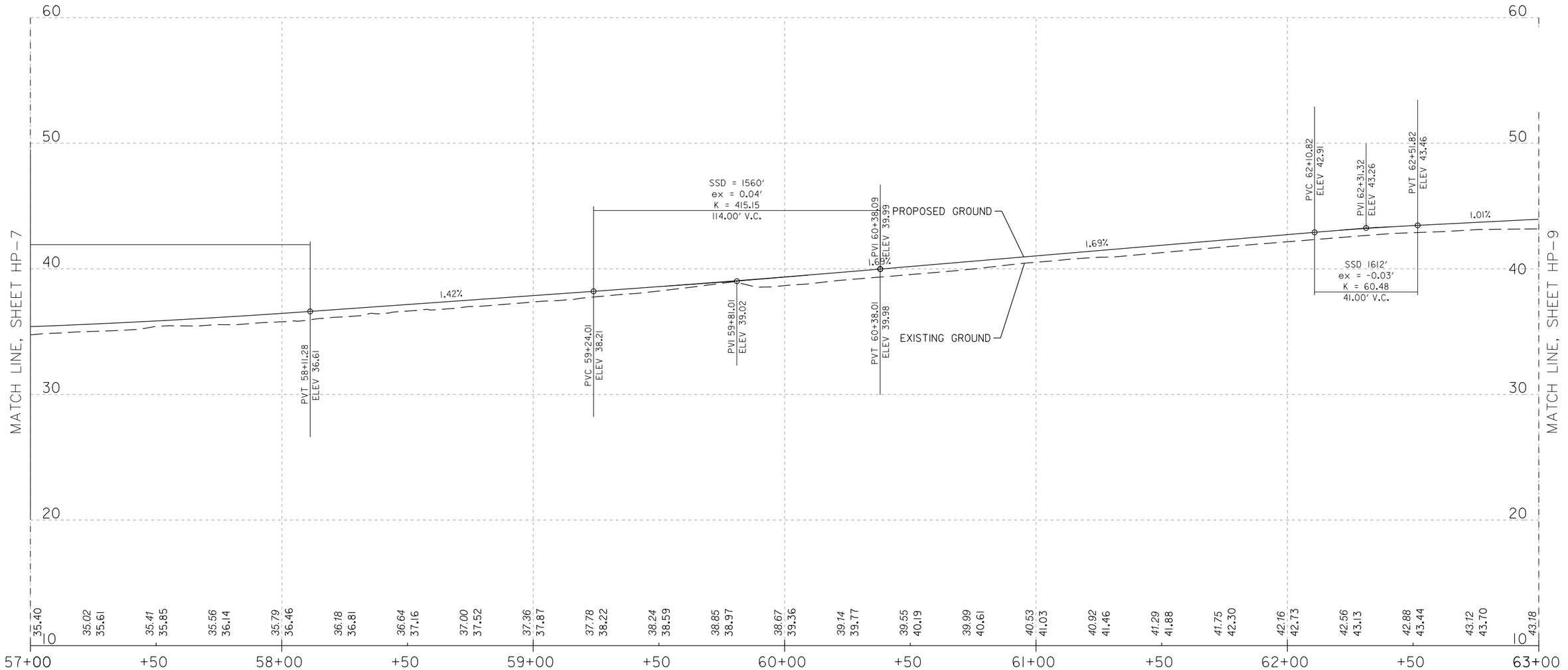
SHEPHERD PARKWAY TRAIL PROFILE
STA. 51+00.00 TO 57+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 113 OF 576

pHP-P007_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	114	576



HP-8

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
DARION D. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

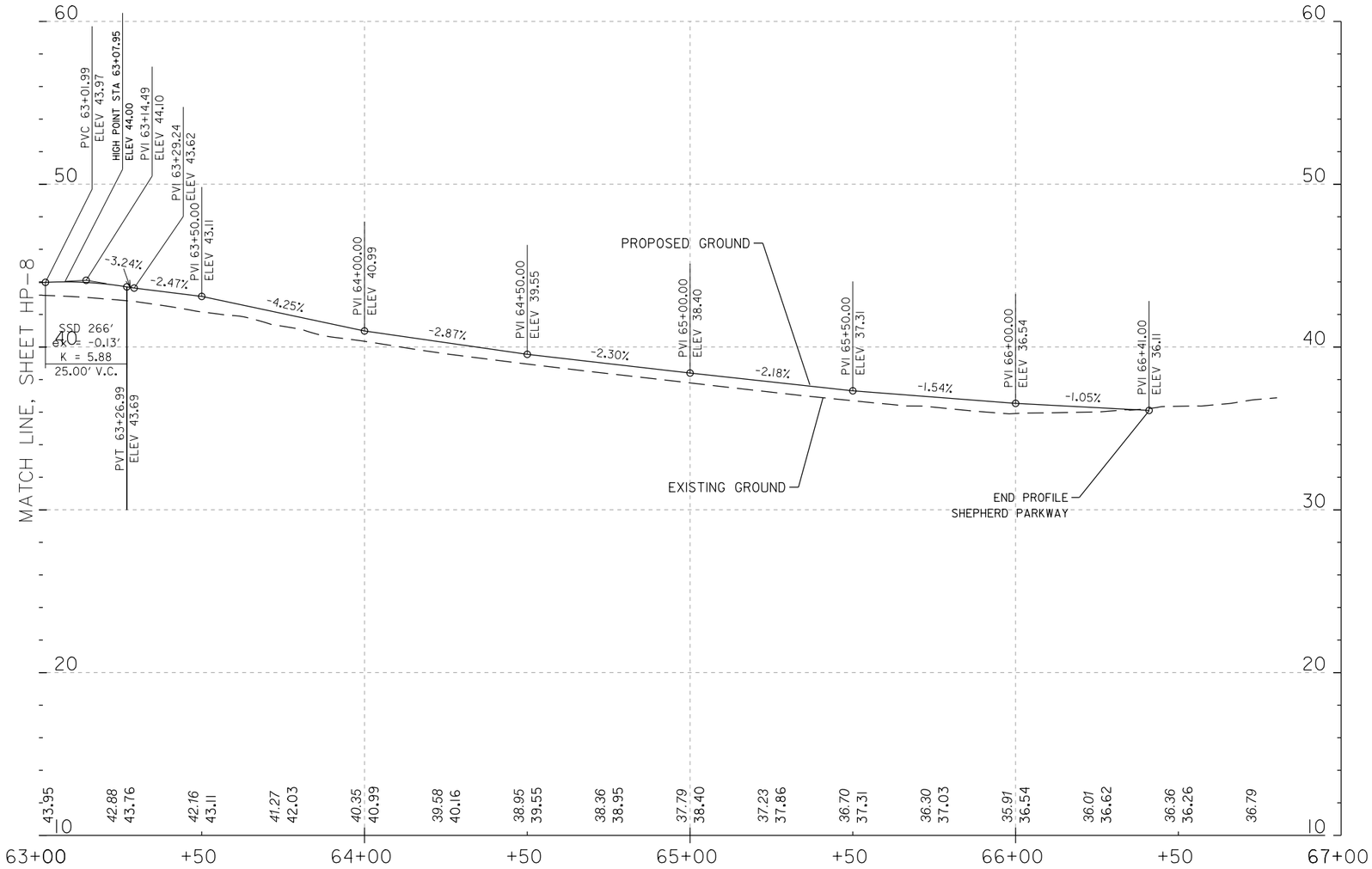
SHEPHERD PARKWAY TRAIL PROFILE
STA. 57+00.00 TO 63+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 114 OF 576

pHP-P008_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	115	576



HP-9

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
DARRYN G. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SHEPHERD PARKWAY TRAIL PROFILE
STA. 63+00.00 TO 67+00.00

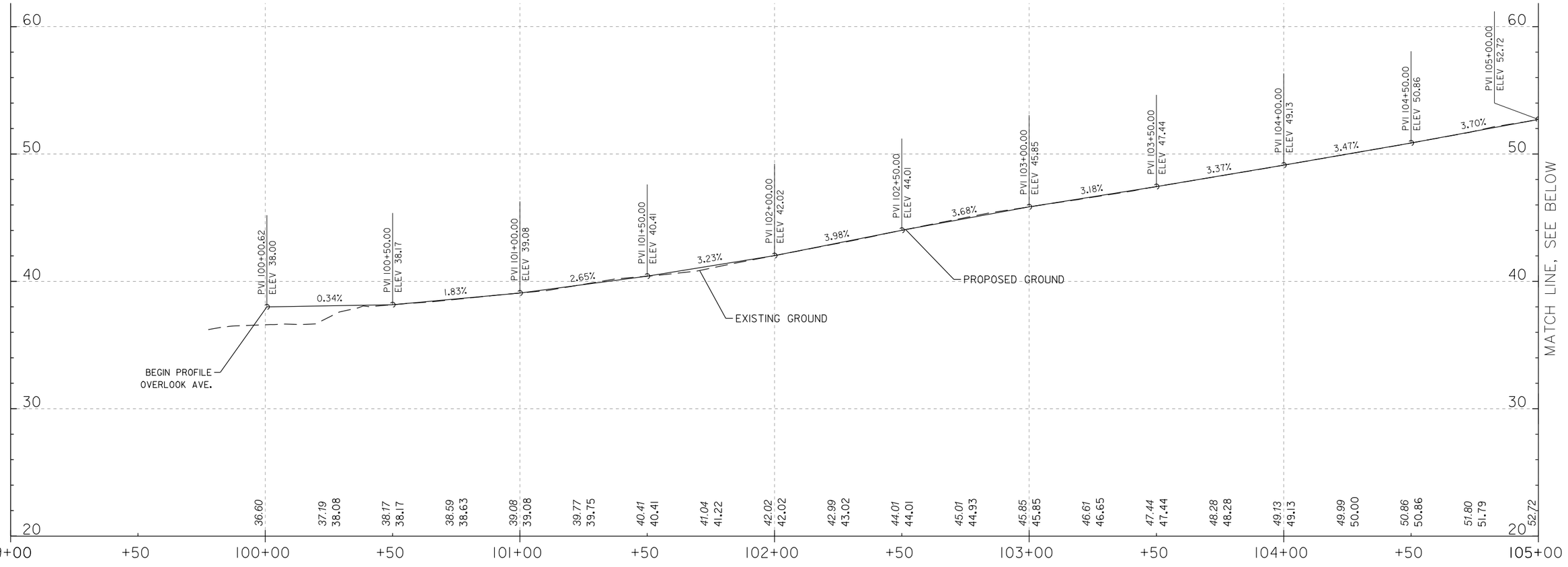
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

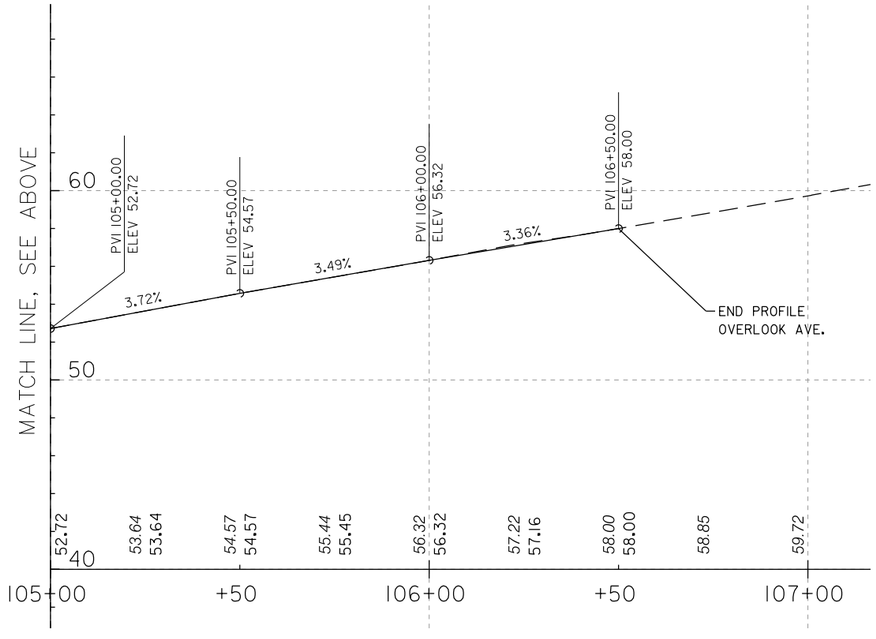
DIVISION CHIEF

DATE
FILE
SHEET 115 OF 576

pHP-P009_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	116	576





4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

HP-10

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

OVERLOOK AVE. TRAIL PROFILE
STA. 100+00.00 TO 107+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 116 OF 576

ch2m TOOLE DESIGN

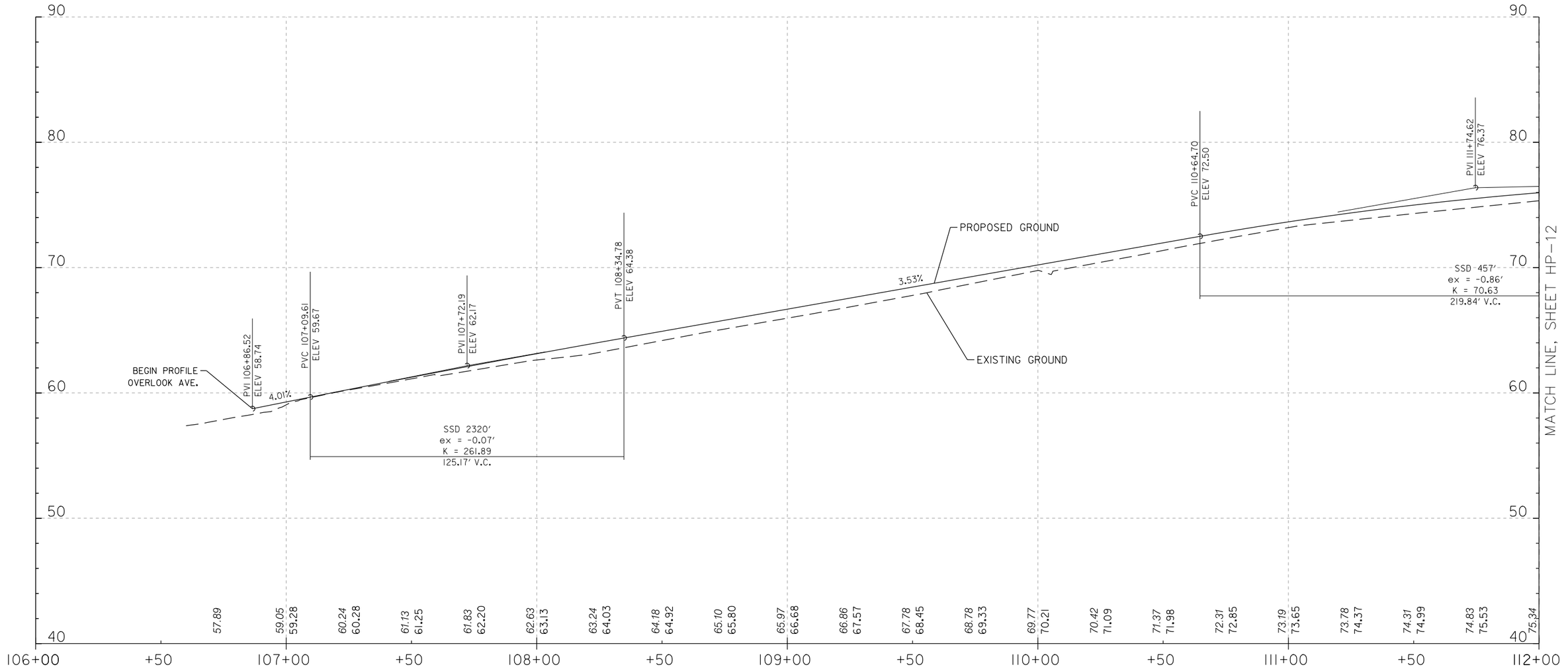
NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
CARLTON G. SMOAK
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P010_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	117	576



HP-11

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

OVERLOOK AVE. TRAIL PROFILE
STA. 106+60.00 TO 112+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 117 OF 576

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ch2m· TOOLE DESIGN

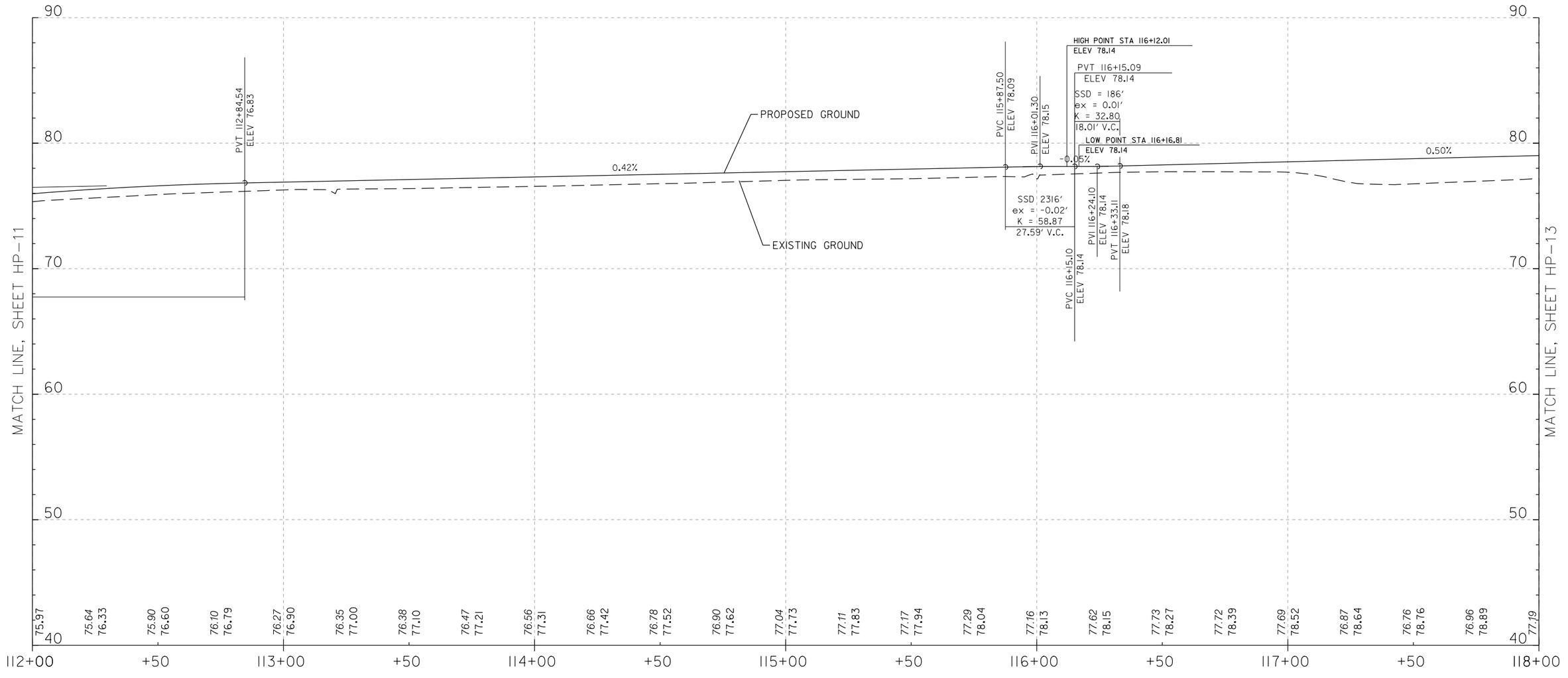
DISTRICT OF COLUMBIA
MARLON D. SMOAK
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

pHP-P01I_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	118	576



HP-12

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
SAMUEL O. SMOOT
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

OVERLOOK AVE. TRAIL PROFILE
STA. 112+00.00 TO 118+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

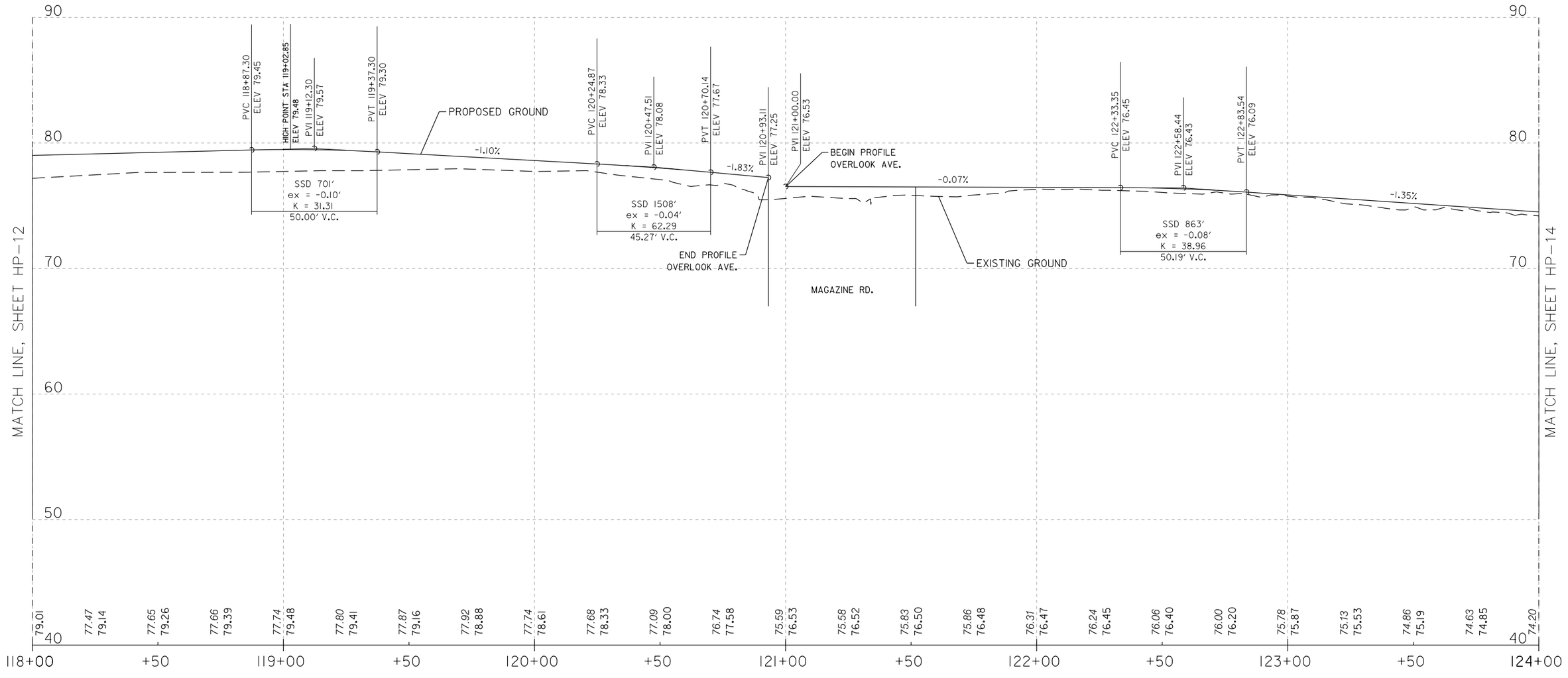
DATE

FILE

SHEET 118 OF 576

pHP-P012_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	119	576



HP-13

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
SAMUEL O. SMOOT
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

OVERLOOK AVE. TRAIL PROFILE
STA. 118+00.00 TO 124+00.00

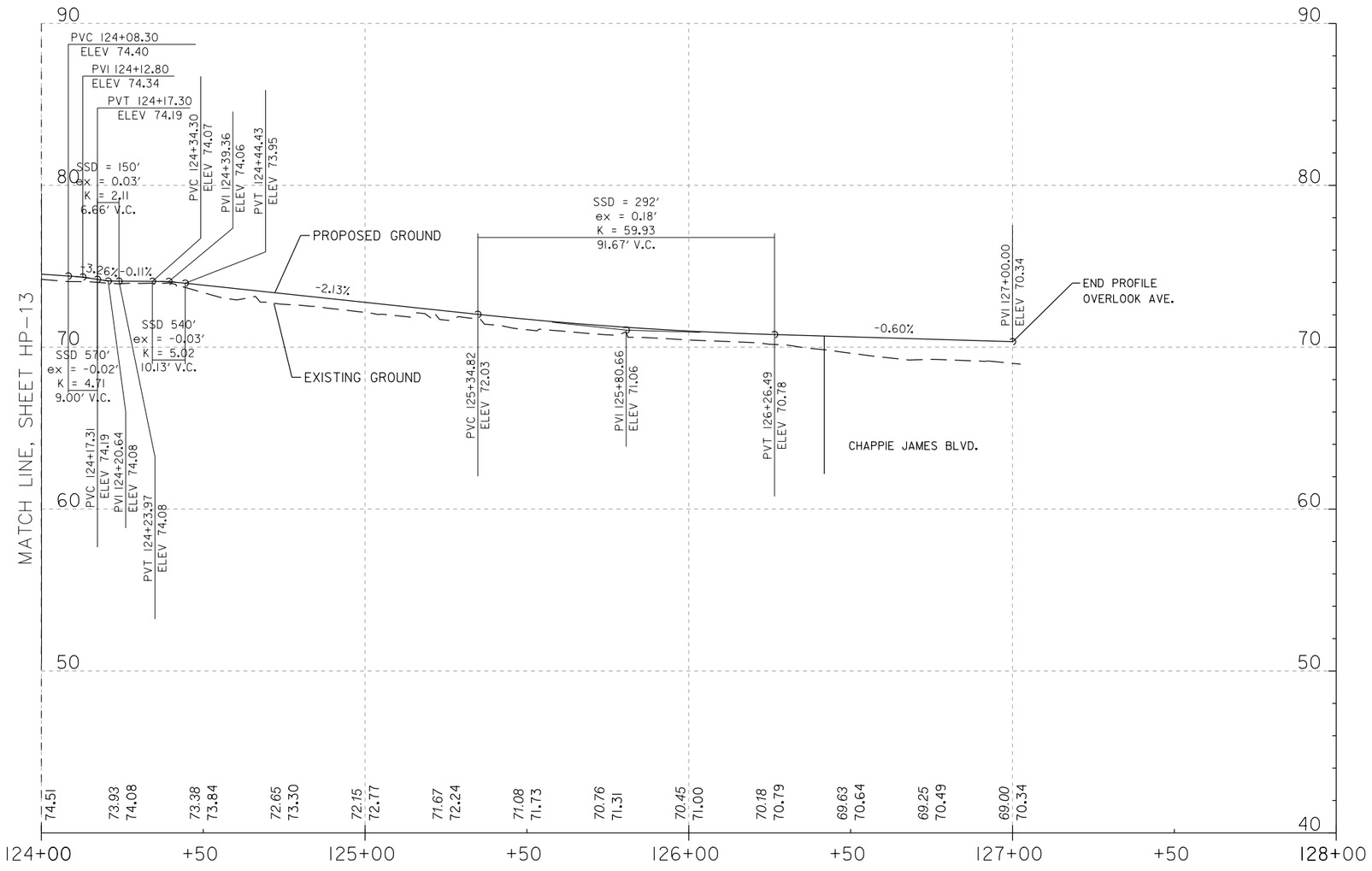
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 119 OF 576

pHP-P013_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	120	576



4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
RAMON O. SMOAK
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P014_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HP-14

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

OVERLOOK AVE. TRAIL PROFILE
STA. 124+00.00 TO 128+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

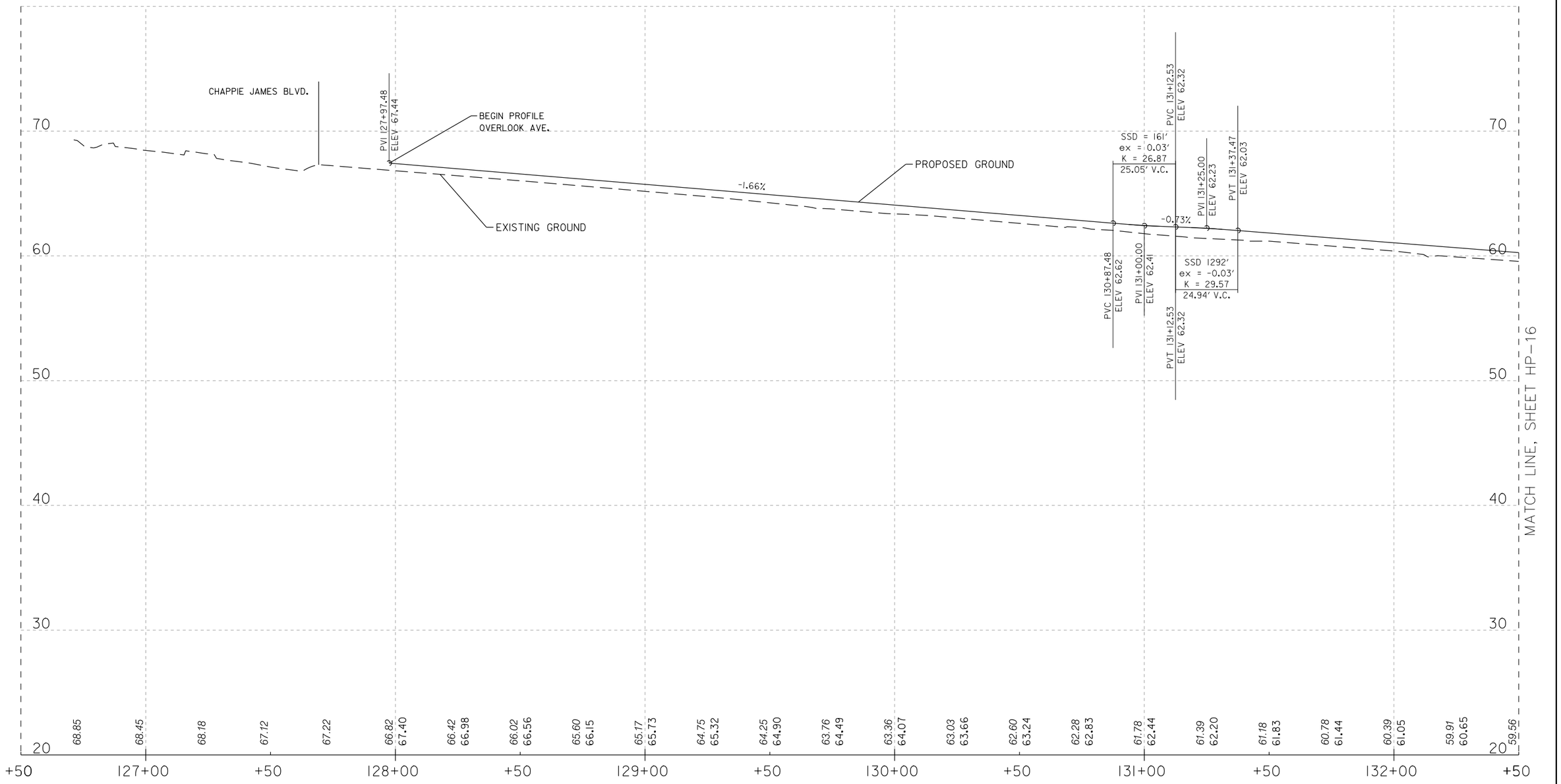
DIVISION CHIEF

DATE

FILE

SHEET 120 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	121	576



HP-15

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

OVERLOOK AVE. TRAIL PROFILE
STA. 126+50.00 TO 132+50.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 121 OF 576

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ch2m TOOLE DESIGN

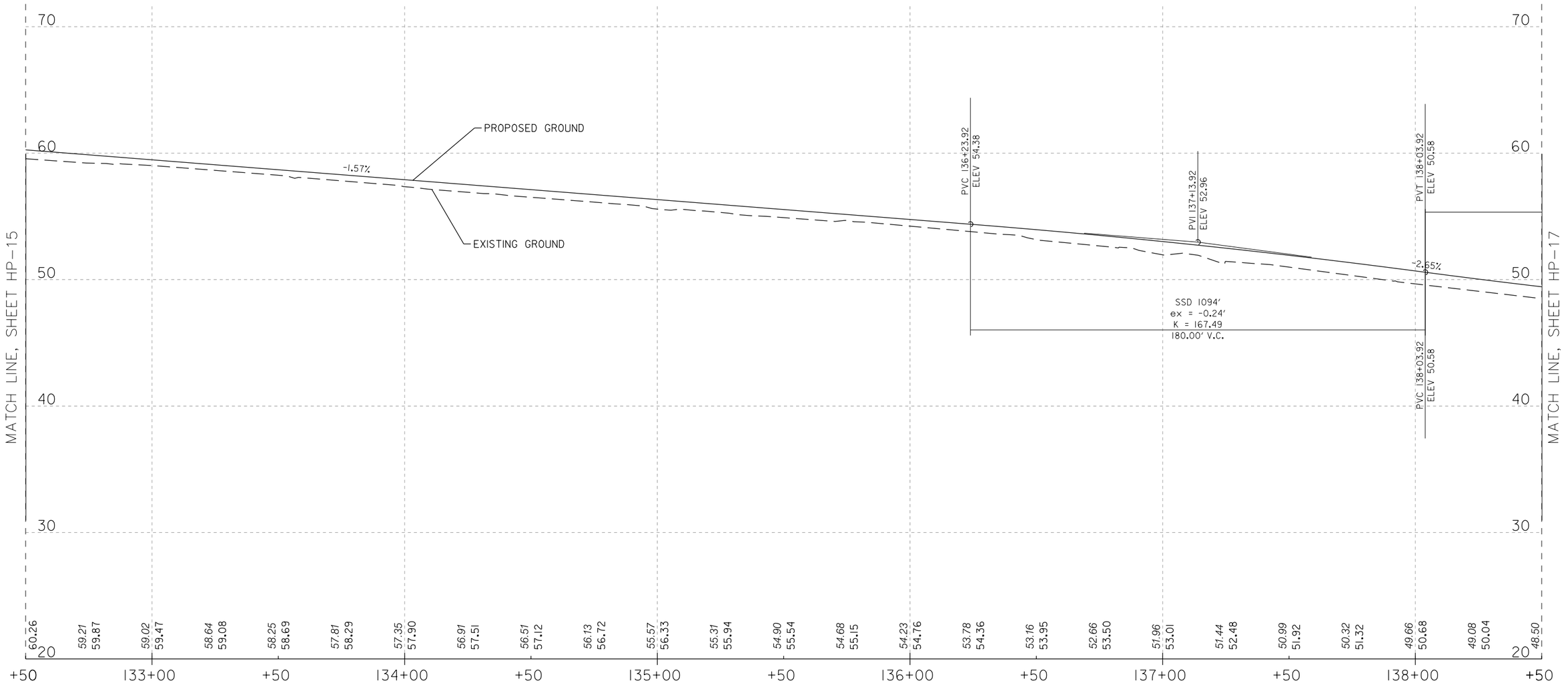
4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
SHARLON D. SIMONE
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P015_SCSTr-alt.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	122	576



HP-16

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE50116
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

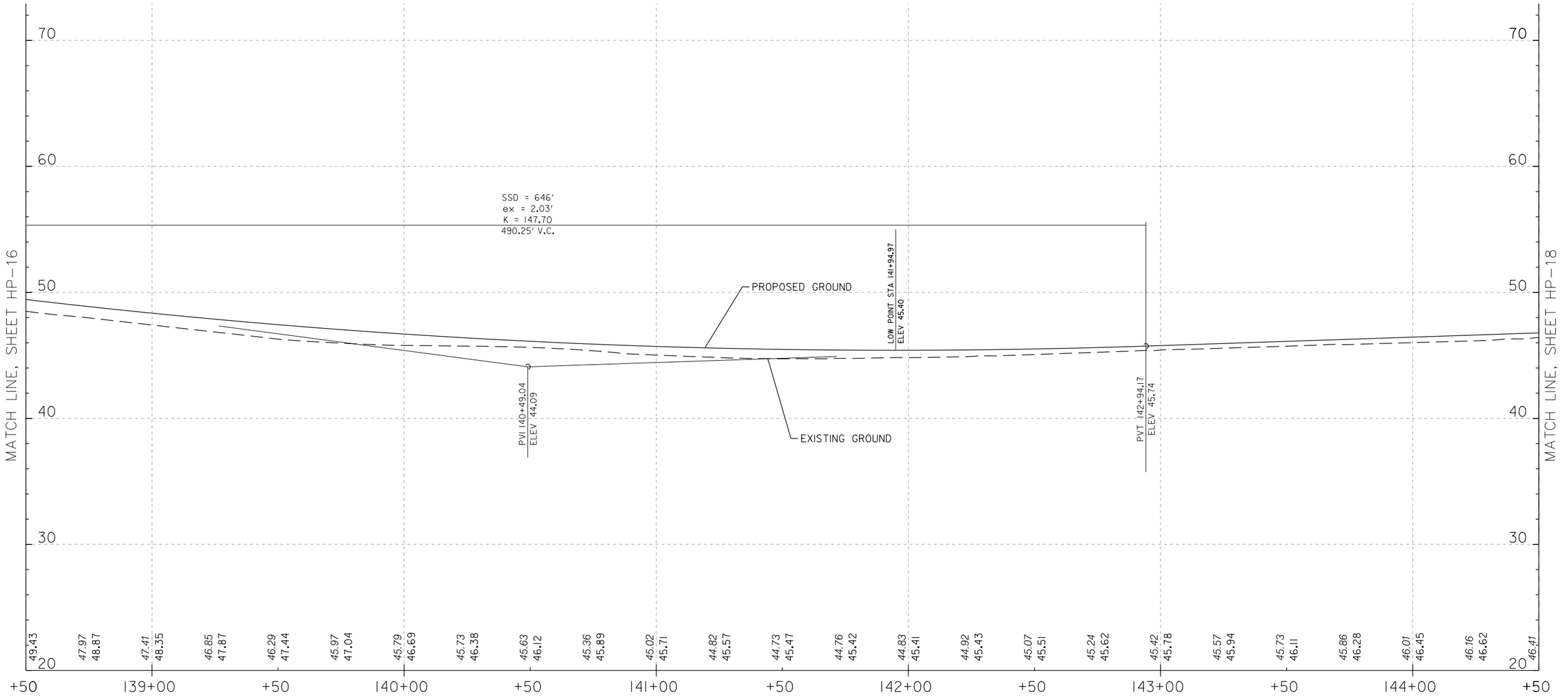
OVERLOOK AVE. TRAIL PROFILE
STA. 132+50.00 TO 138+50.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 122 OF 576

pHP-P016_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	123	576



HP-17

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARION G. SMOAK
NO. PE009706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P017_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

OVERLOOK AVE. TRAIL PROFILE
STA. 138+50.00 TO 144+50.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

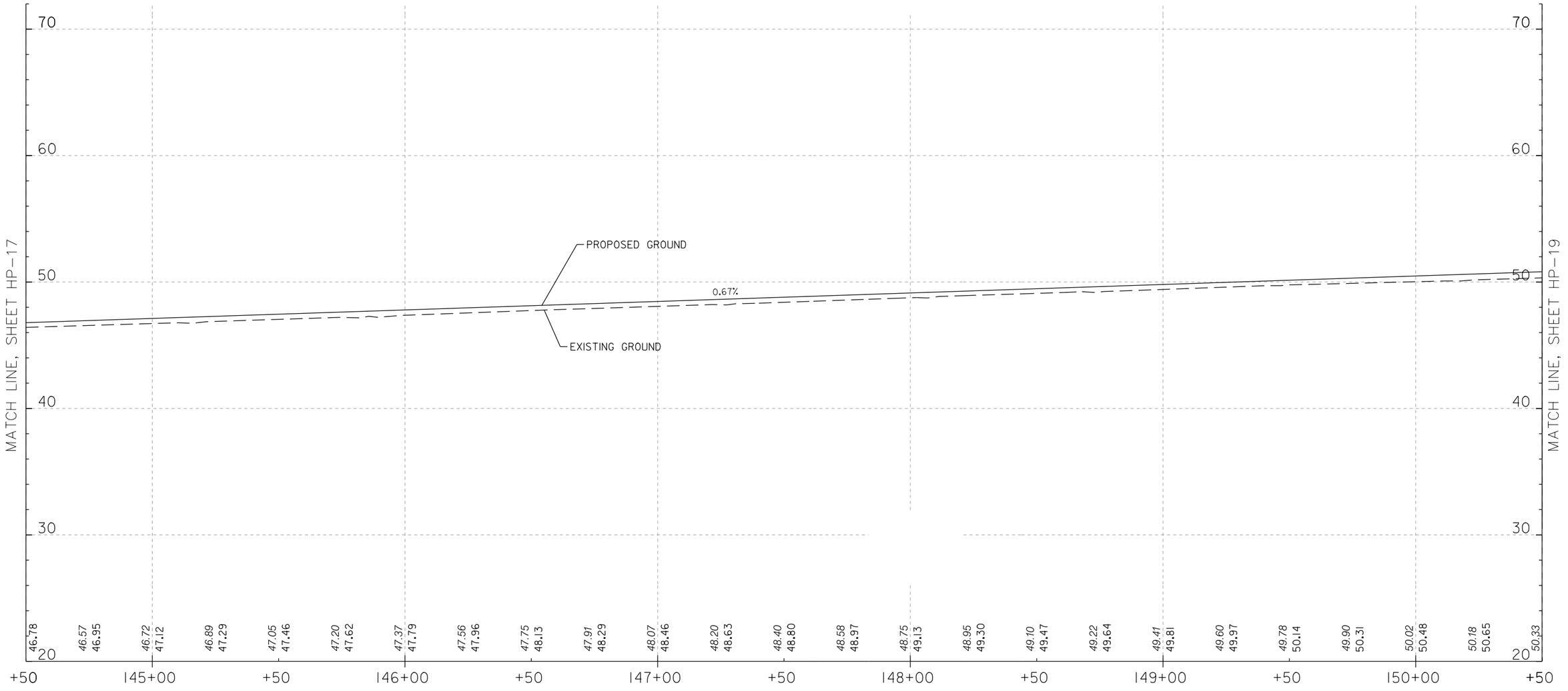
DIVISION CHIEF

DATE

FILE

SHEET 123 OF 576

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	124	576



HP-18

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

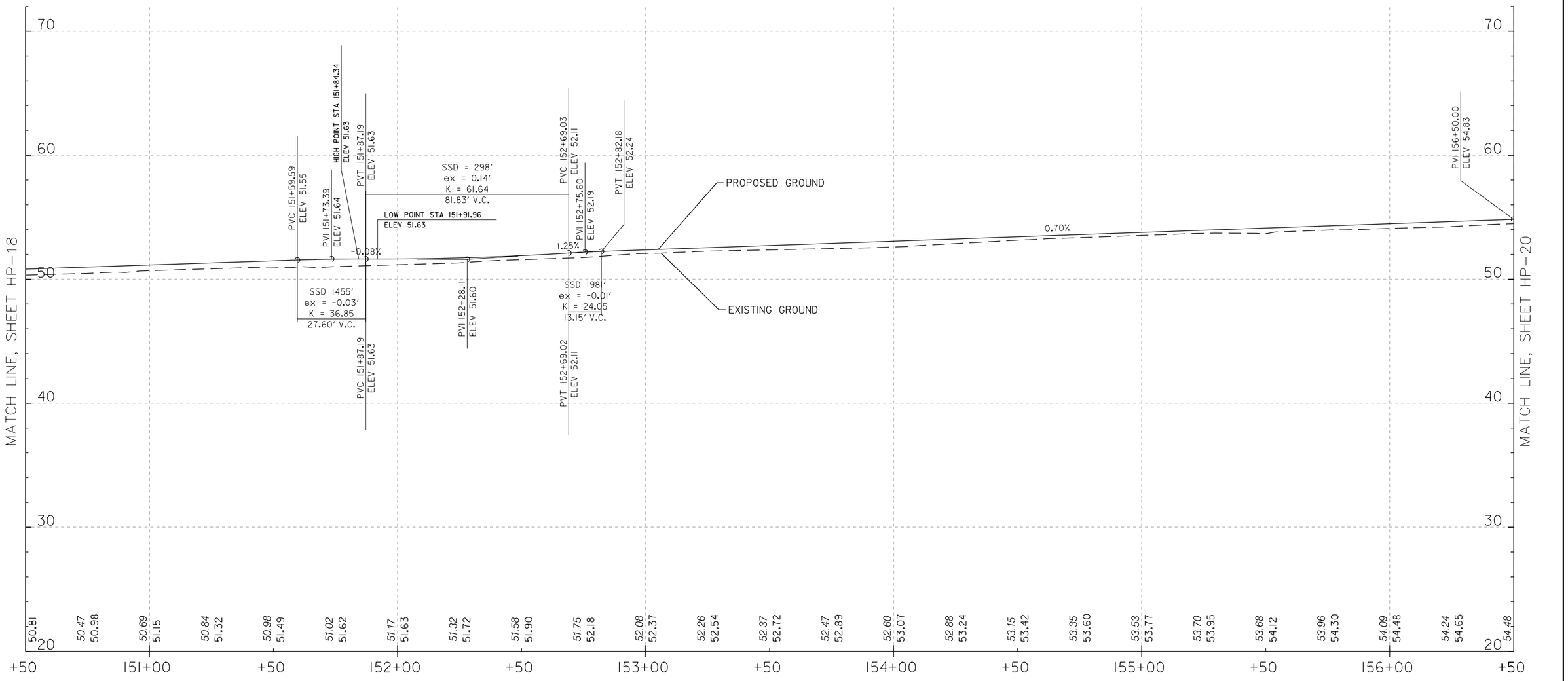
OVERLOOK AVE. TRAIL PROFILE
STA. 144+50.00 TO 150+50.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 124 OF 576

pHP-P018_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	125	576



HP-19

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P019_SCSTr-ali.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

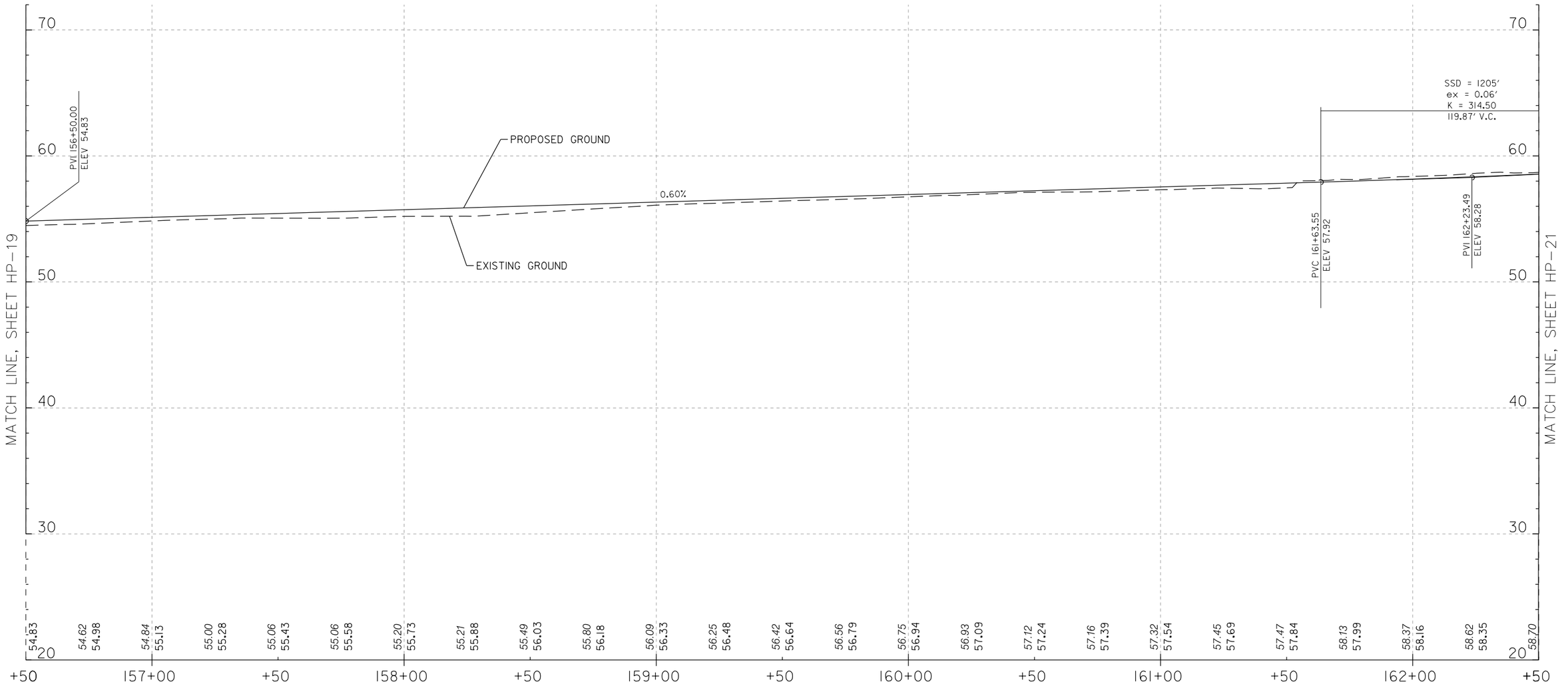
OVERLOOK AVE. TRAIL PROFILE
STA. 150+50.00 TO 156+50.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 125 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	126	576



HP-20

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
RAMON O. SMOAK
NO. 904476
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P020_SCSTr-ali.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

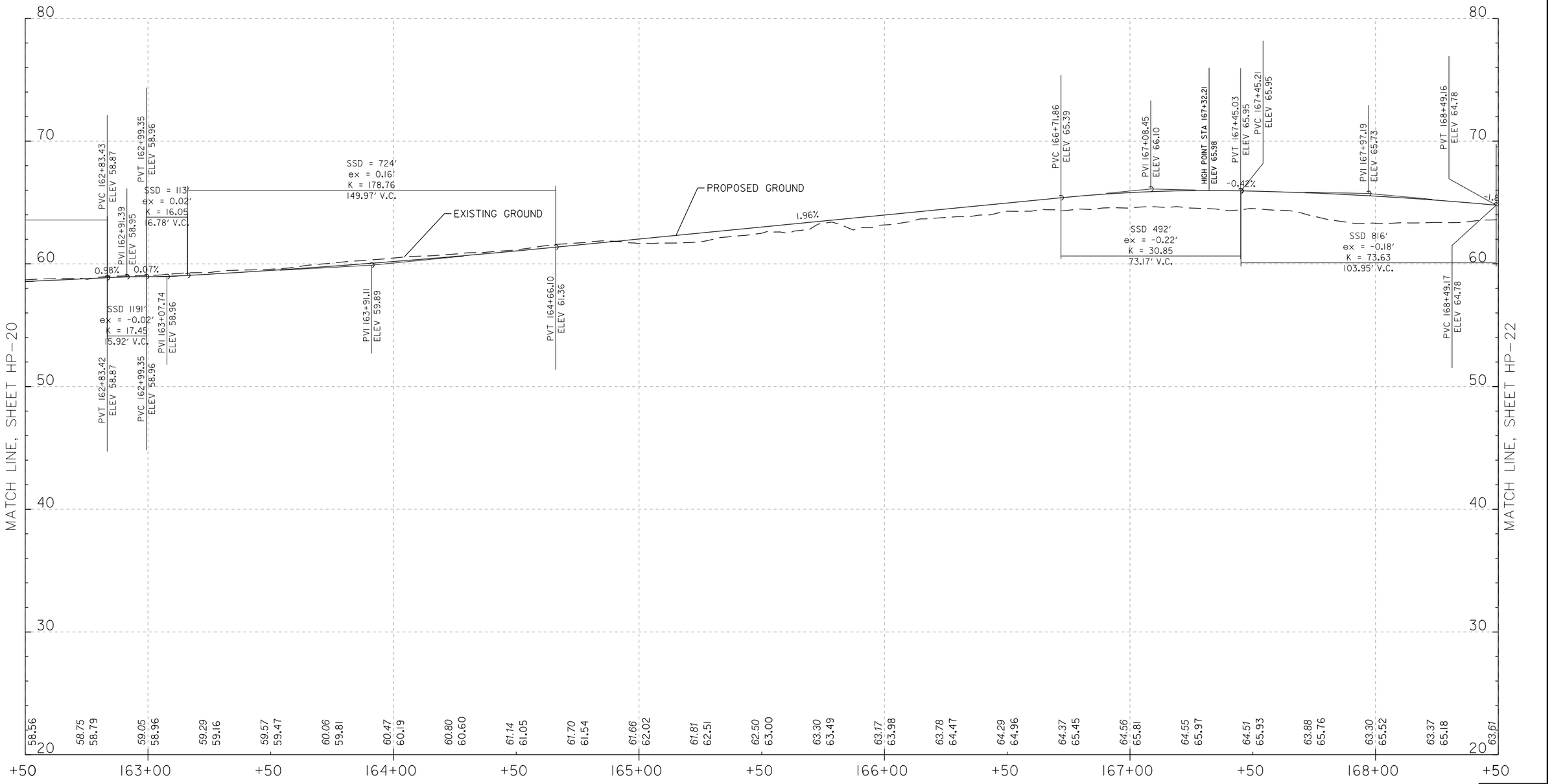
OVERLOOK AVE. TRAIL PROFILE
STA. 156+50.00 TO 162+50.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 126 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	127	576



HP-21

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
RAMON O. SMOAK
NO. PE014176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

OVERLOOK AVE. TRAIL PROFILE
STA. 162+50.00 TO 168+50.00

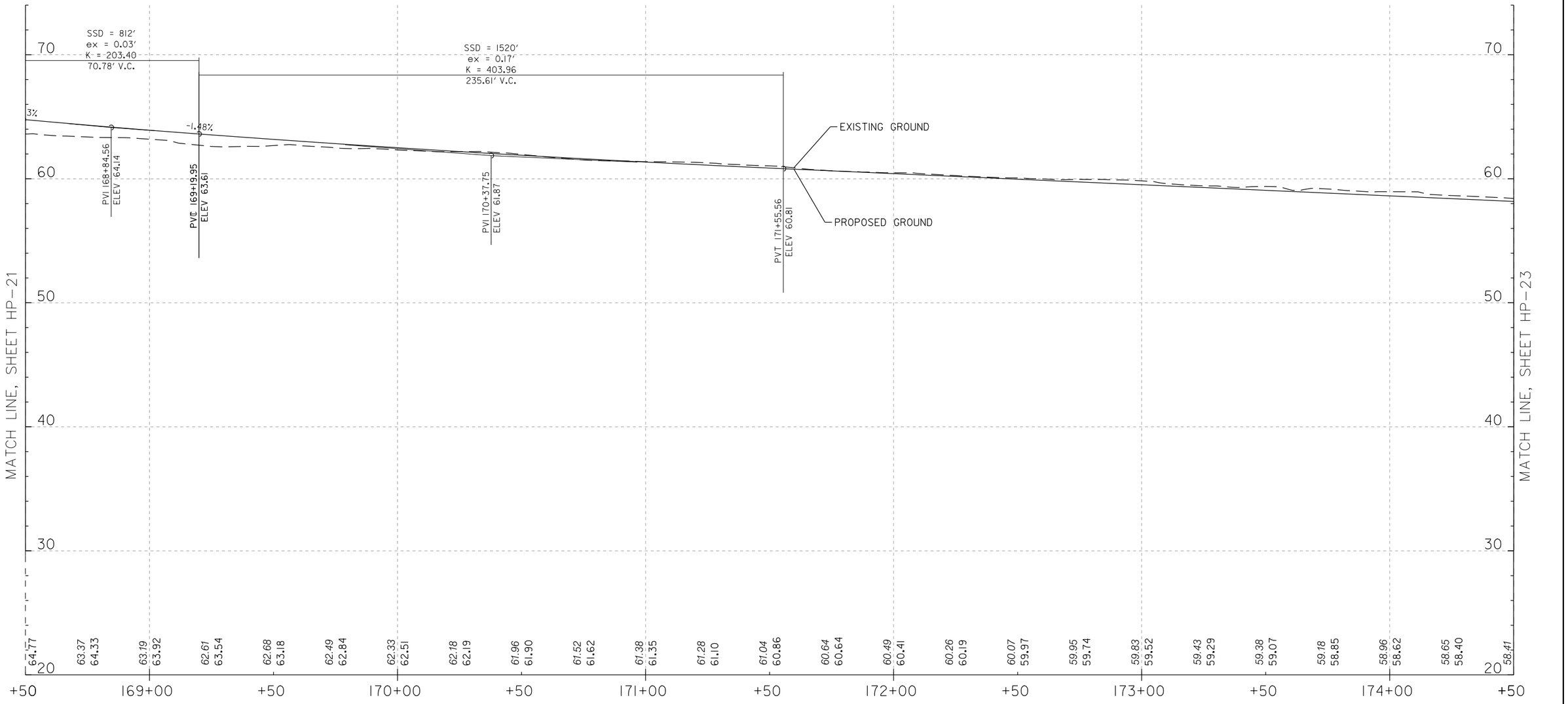
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 127 OF 576

pHP-P021_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	128	576



HP-22

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
SHARON D. SMOKE
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P022_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

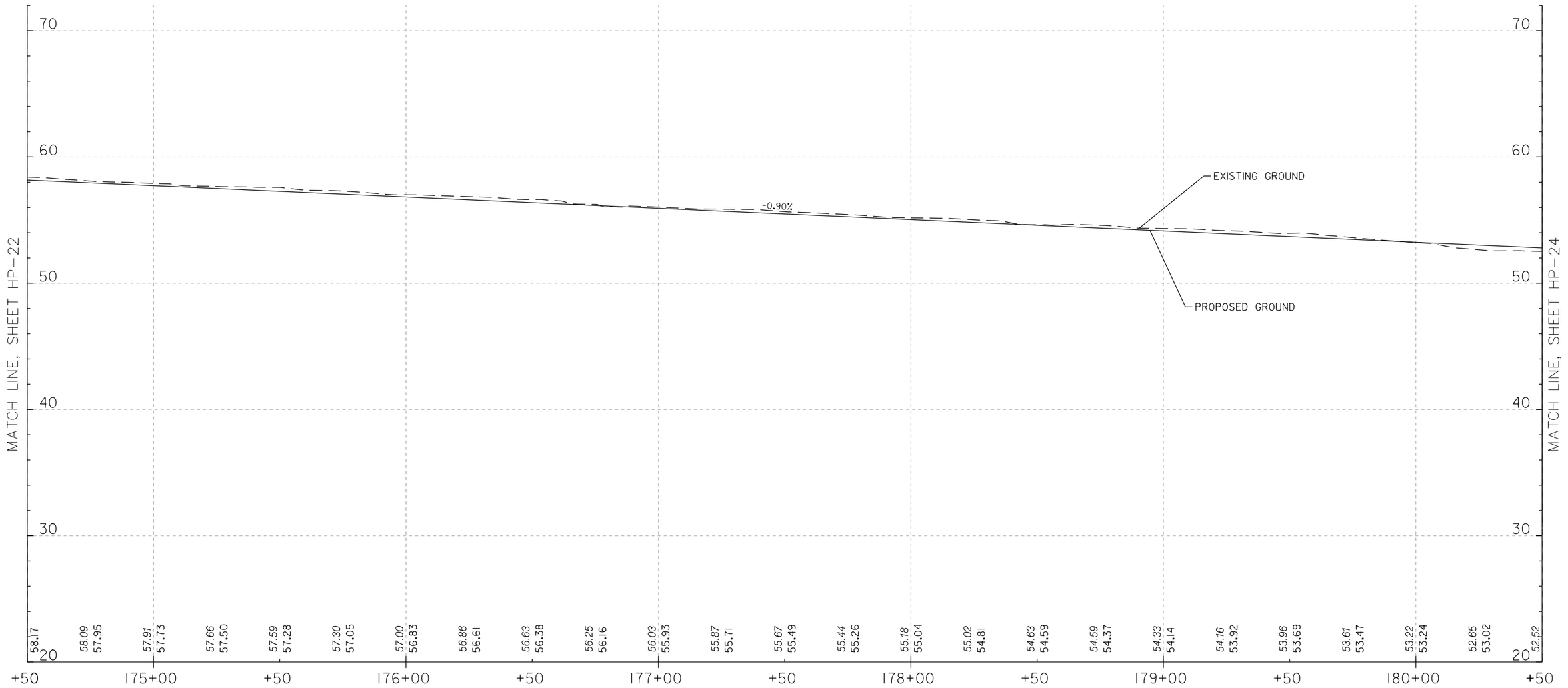
D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

OVERLOOK AVE. TRAIL PROFILE
STA. 168+50.00 TO 174+50.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	128 OF 576

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	129	576



HP-23

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARLON G. SMOAK
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P023_SCSTr-all.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

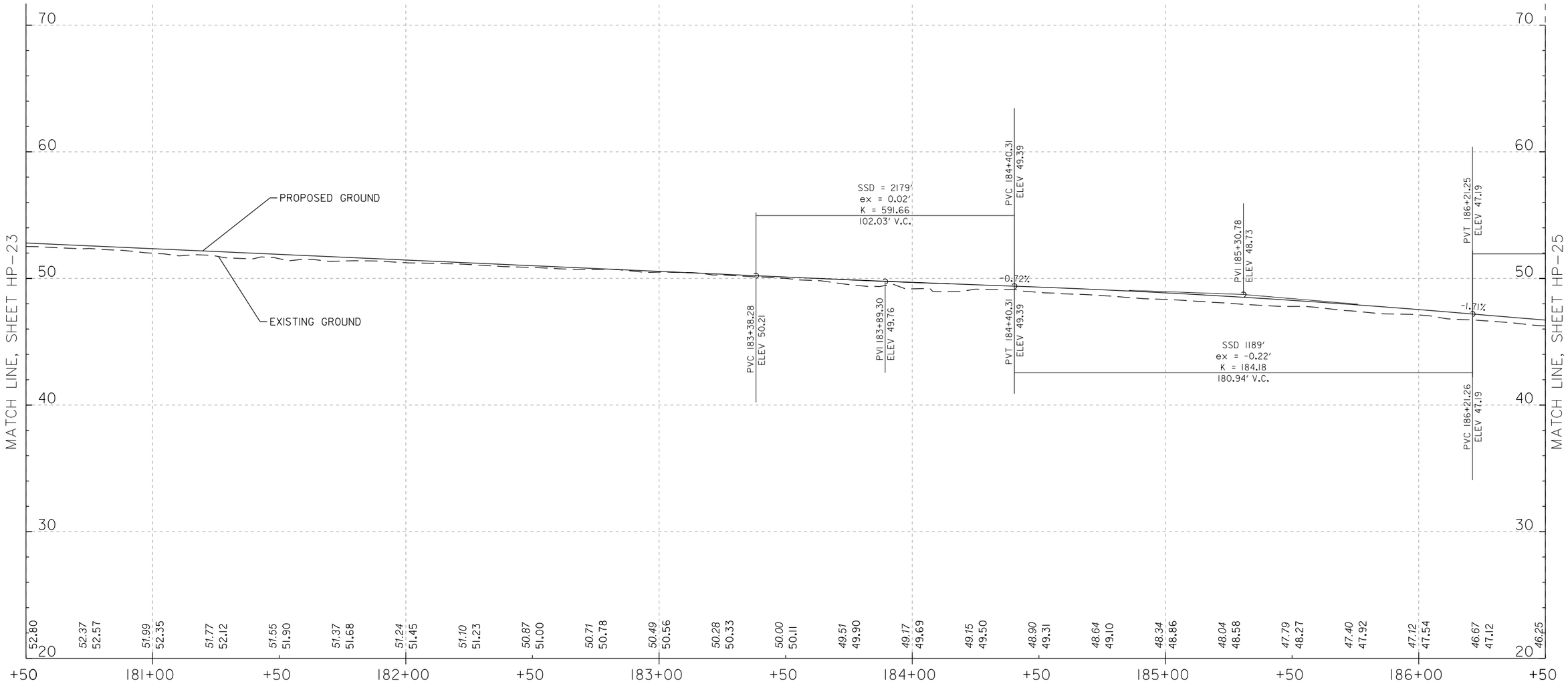
SOUTH CAPITOL ST. TRAIL PROFILE
STA. 174+50.00 TO 180+50.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 129 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	130	576



HP-24

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE009716
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

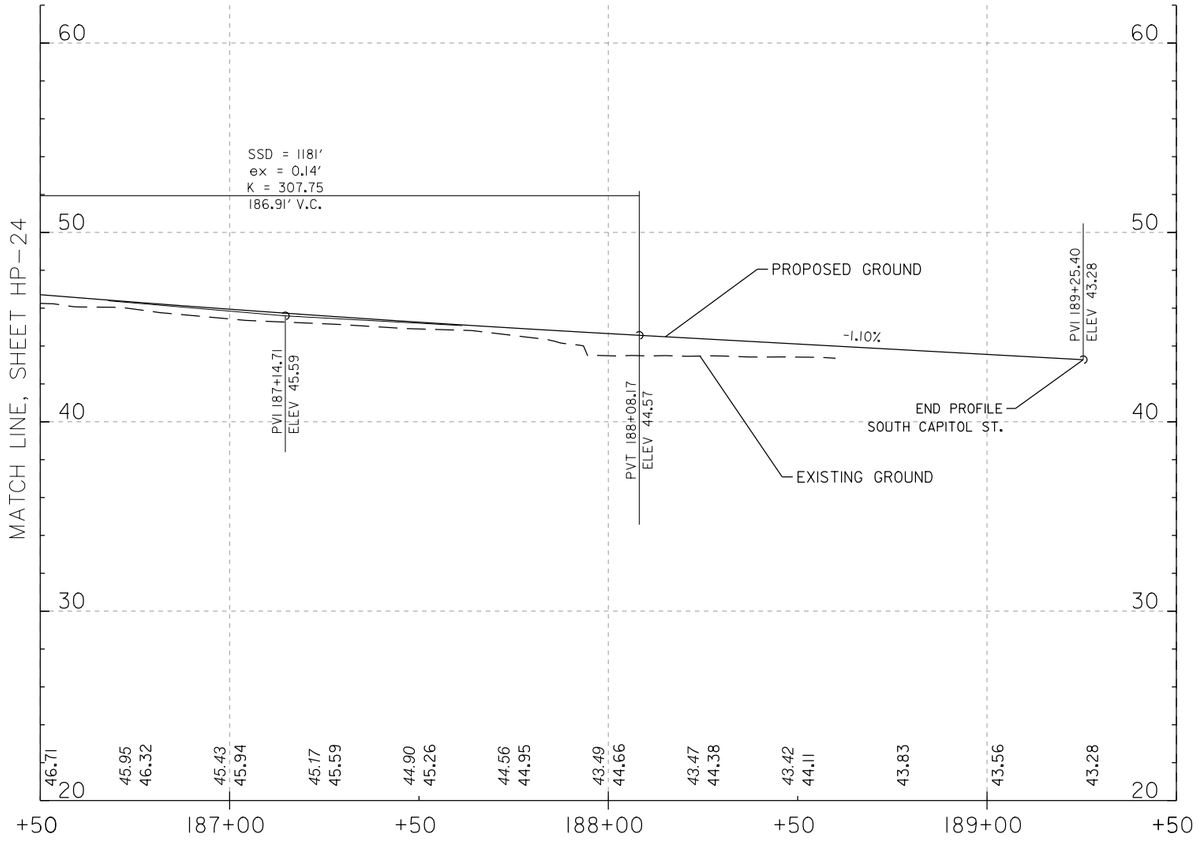
SOUTH CAPITOL ST. TRAIL PROFILE
STA. 180+50.00 TO 186+50.00

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY GP
PROJECT MGR. MS

DIVISION CHIEF
DATE
FILE
SHEET 130 OF 576

pHP-P024_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	131	576



4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARION G. SMOAK
NO. PE009706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P025_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

HP-25

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SOUTH CAPITOL ST. TRAIL PROFILE
STA. 186+50.00 TO 189+50.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

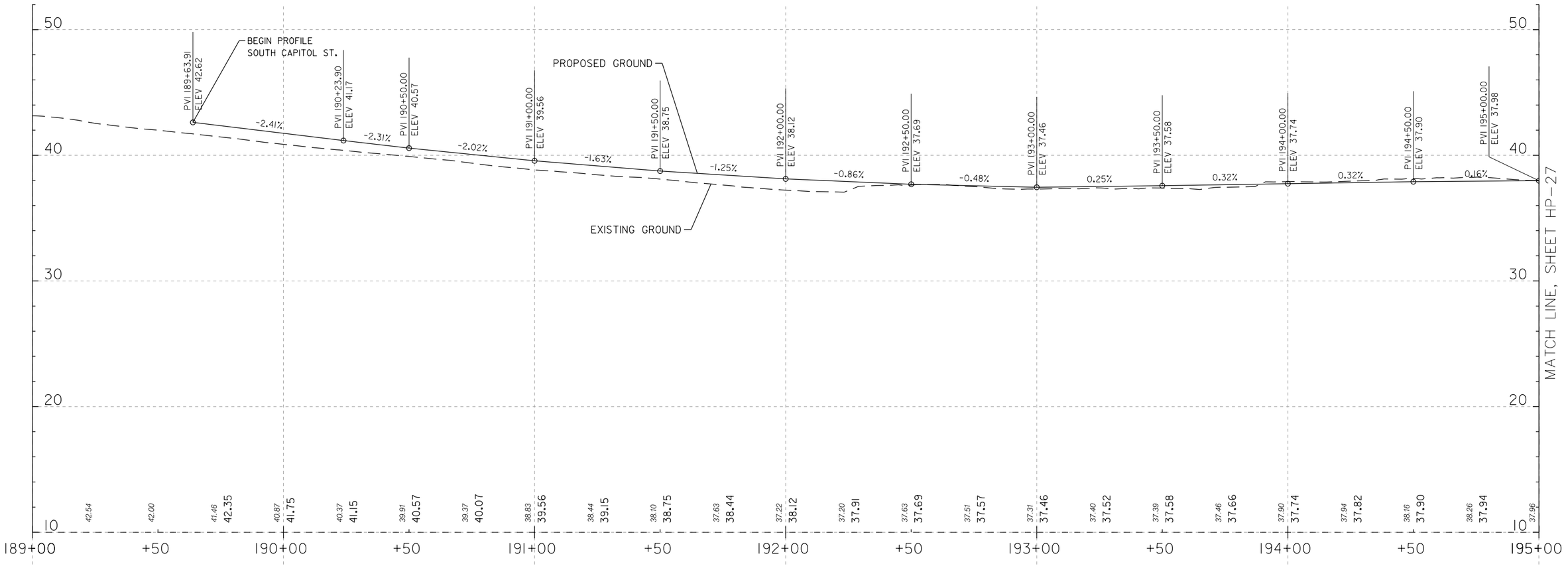
DIVISION CHIEF

DATE

FILE

SHEET 131 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	132	576



HP-26

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SOUTH CAPITOL ST. TRAIL PROFILE
STA. 191+00.00 TO 195+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 132 OF 576

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ch2m· TOOLE DESIGN

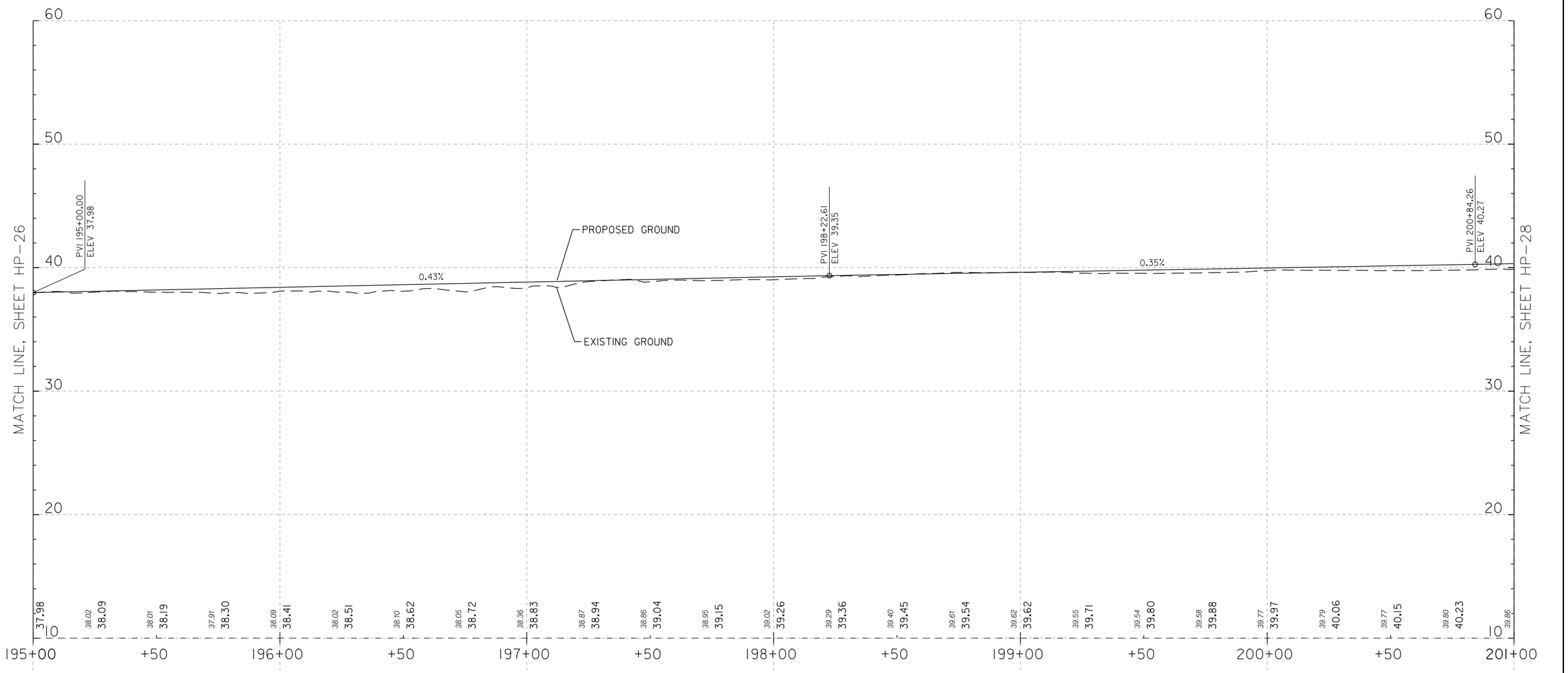
DISTRICT OF COLUMBIA
DARRON G. SMOAK
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

pHP-P026_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	133	576



HP-27

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARTON G. SMOLA
NO. PE017176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P027_SCSTr-all.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

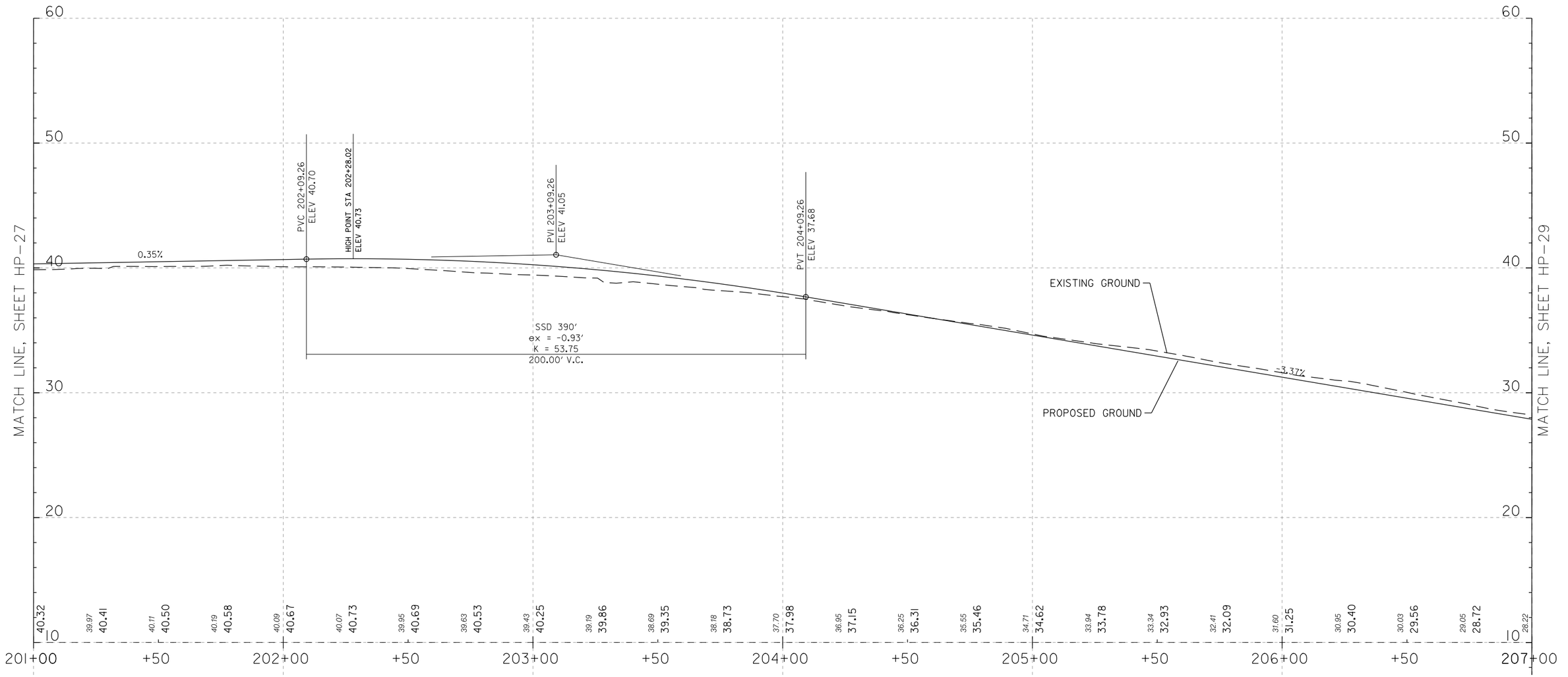
SOUTH CAPITOL ST. TRAIL PROFILE
STA. 195+00.00 TO 201+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 133 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	134	576



HP-28

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARTON G. SMOLA
NO. PE901706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P028_SCSTr-all.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

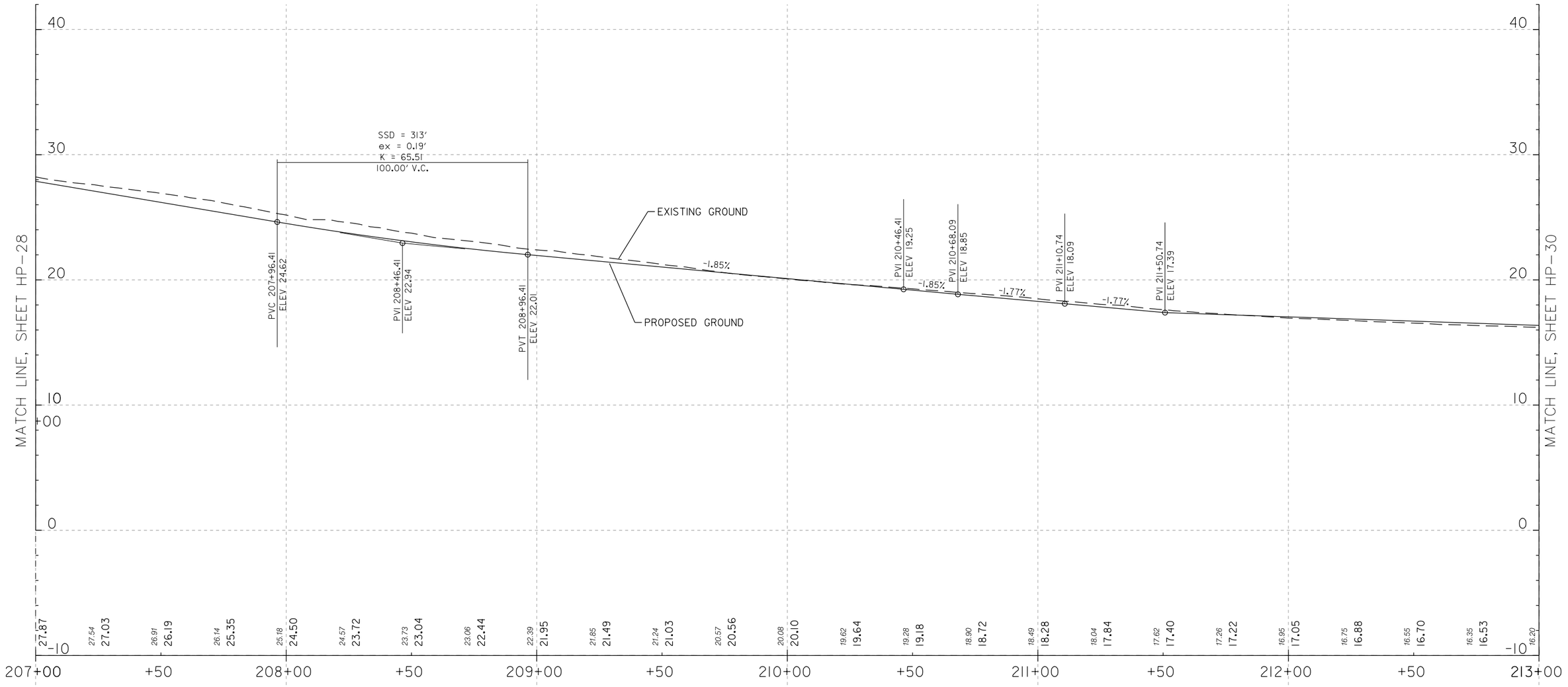
SOUTH CAPITOL ST. TRAIL PROFILE
STA. 201+00.00 TO 207+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 134 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	135	576



HP-29

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
CHARLON B. SIMONE
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

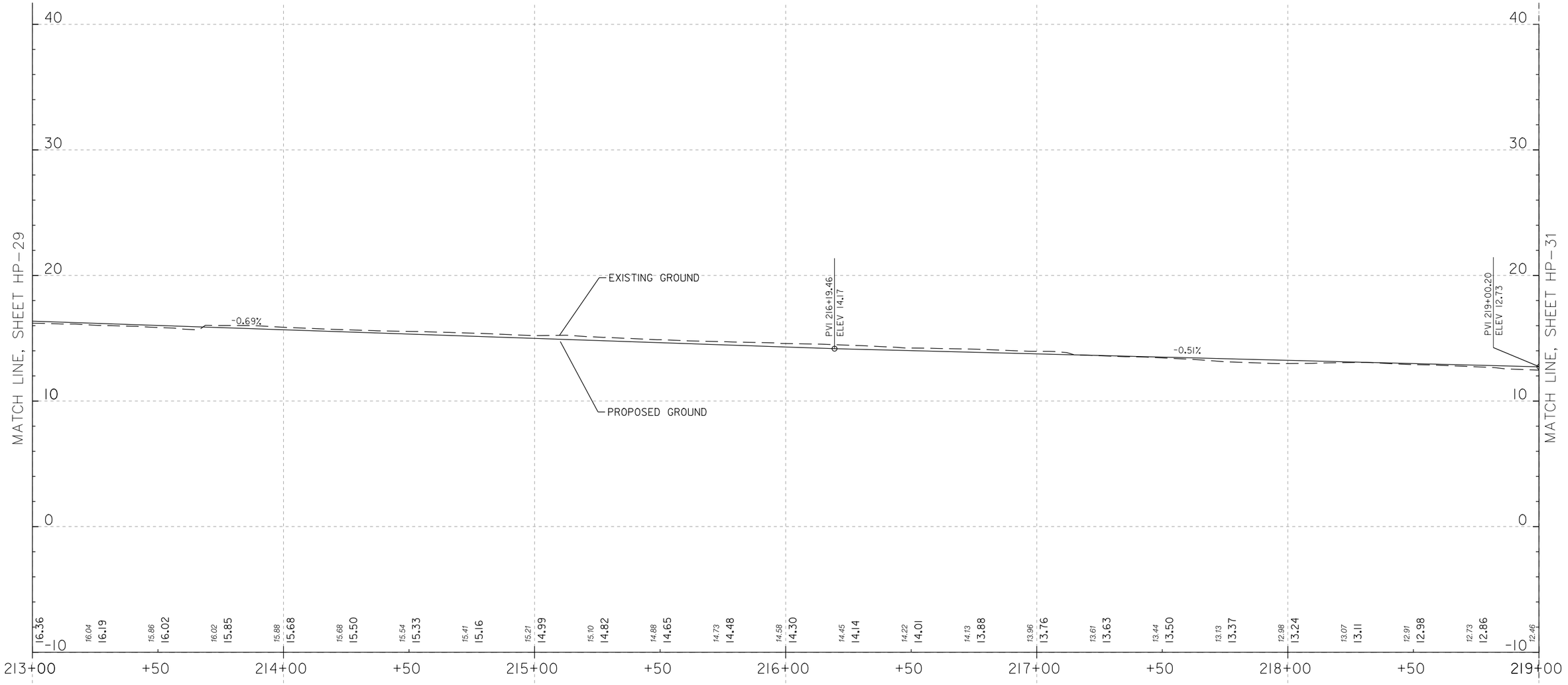
SOUTH CAPITOL ST. TRAIL PROFILE
STA. 207+00.00 TO 213+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 135 OF 576

pHP-P029_SCSTrail.dgn
2/24/2026

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	136	576



HP-30

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
SHARLON D. SNOWDEN
NO. PE904706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

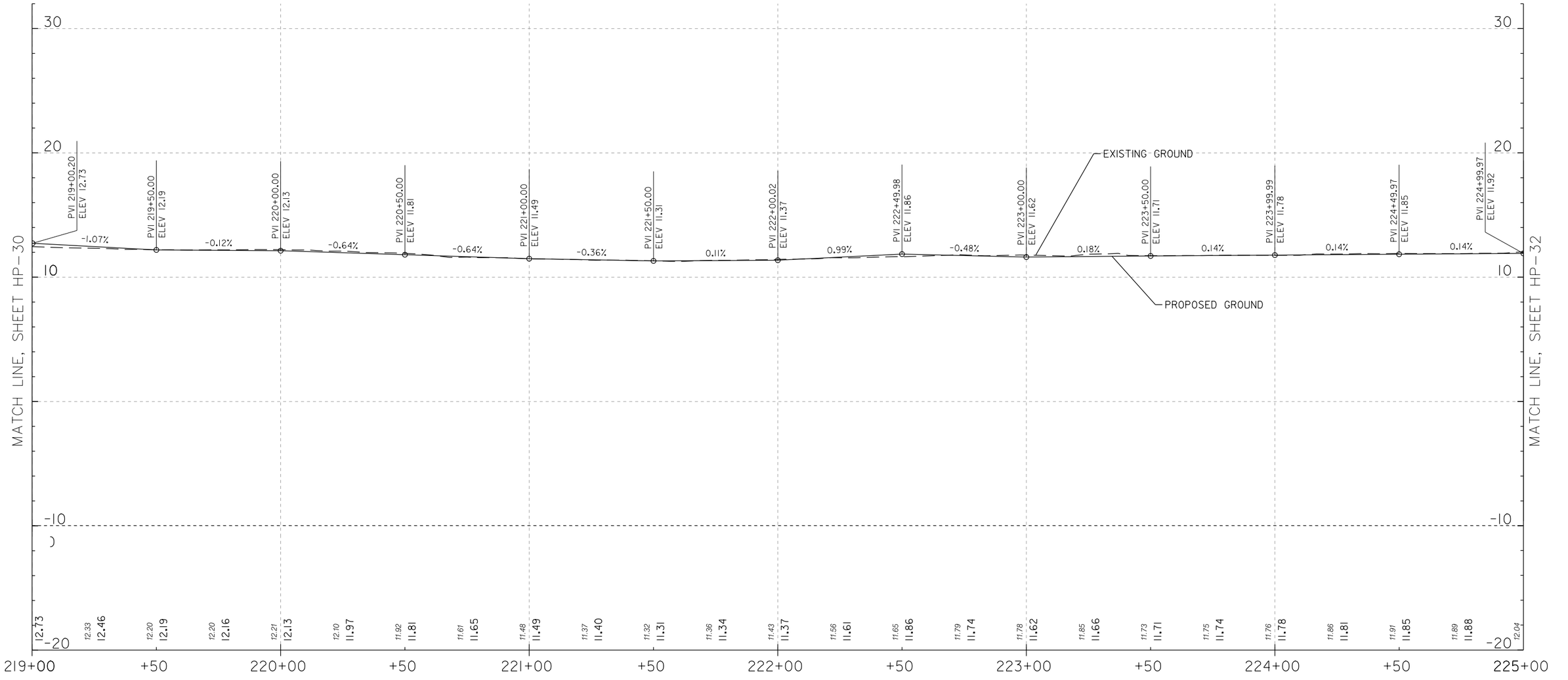
SOUTH CAPITOL ST. TRAIL PROFILE
STA. 213+00.00 TO 219+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 136 OF 576

pHP-P030_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	137	576



HP-31

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
HAMILTON C. SMOAK
NO. 904176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SOUTH CAPITOL ST. TRAIL PROFILE
STA. 219+00.00 TO 225+00.00

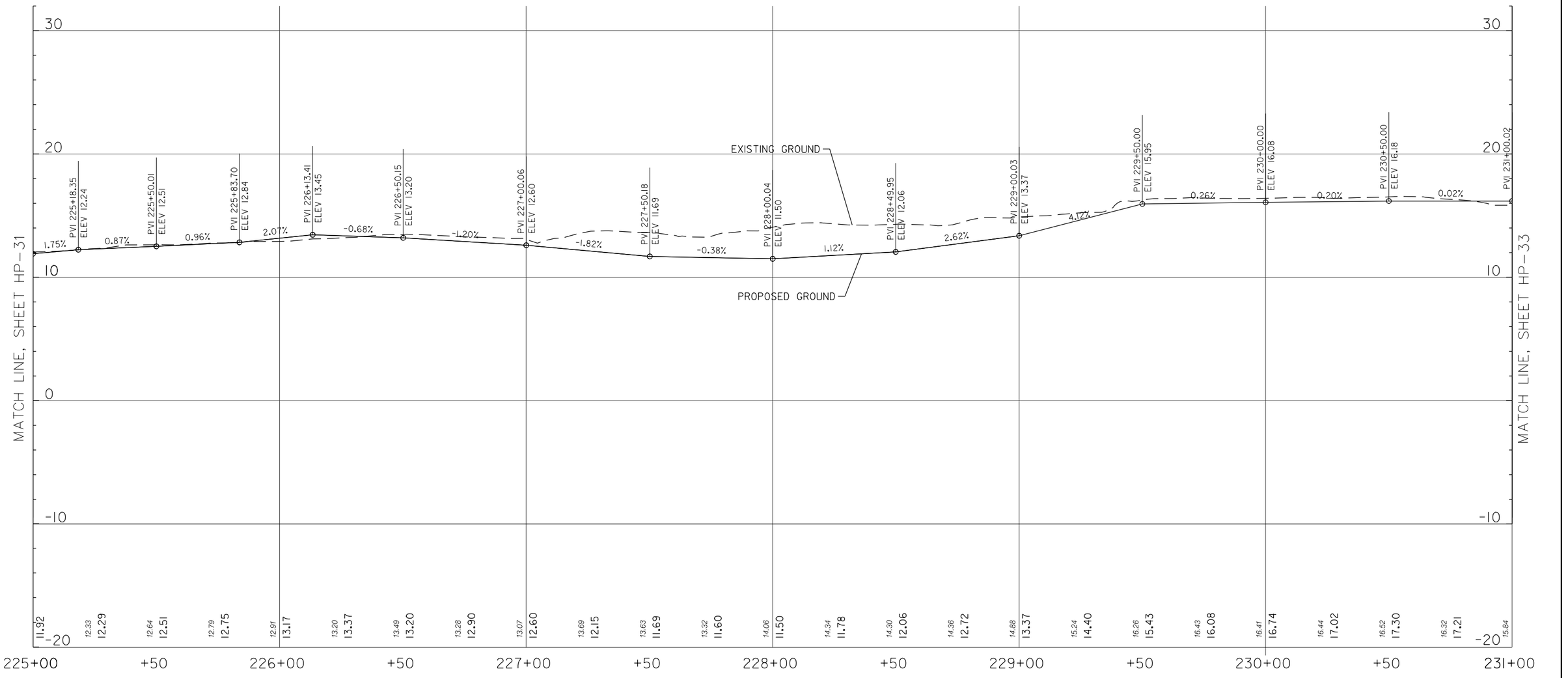
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 137 OF 576

pHP-P03I_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	138	576



HP-32

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
DARLENE S. SNOWDEN
NO. PE30476
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

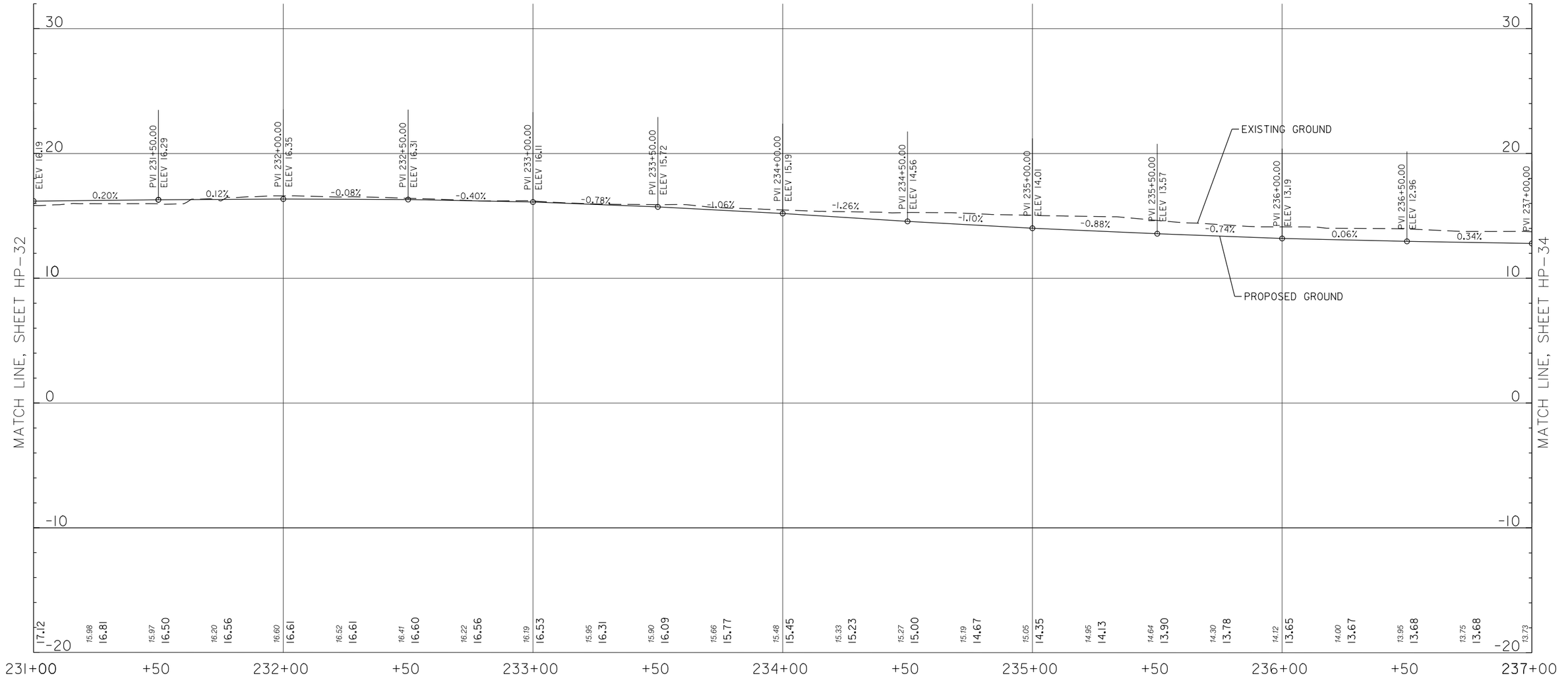
SOUTH CAPITOL ST. TRAIL PROFILE
STA. 225+00.00 TO 231+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 138 OF 576

pHP-P032_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	139	576



HP-33

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
DARRON G. SMOAK
NO. PE50176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P033_SCSTr-all.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

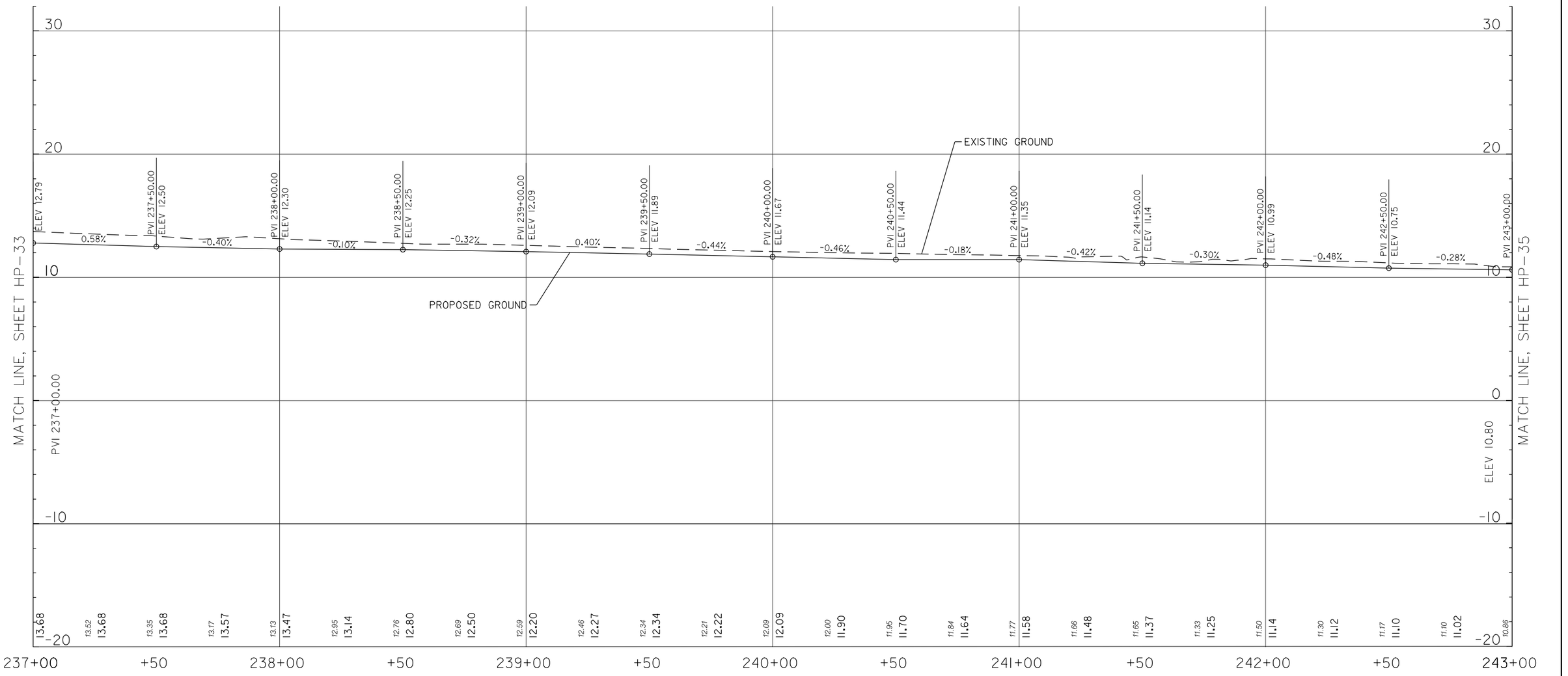
SOUTH CAPITOL ST. TRAIL PROFILE
STA. 231+00.00 TO 237+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 139 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	140	576



HP-34

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
DARRYN G. SMOAK
NO. PE014176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P034_SCSTr-all.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

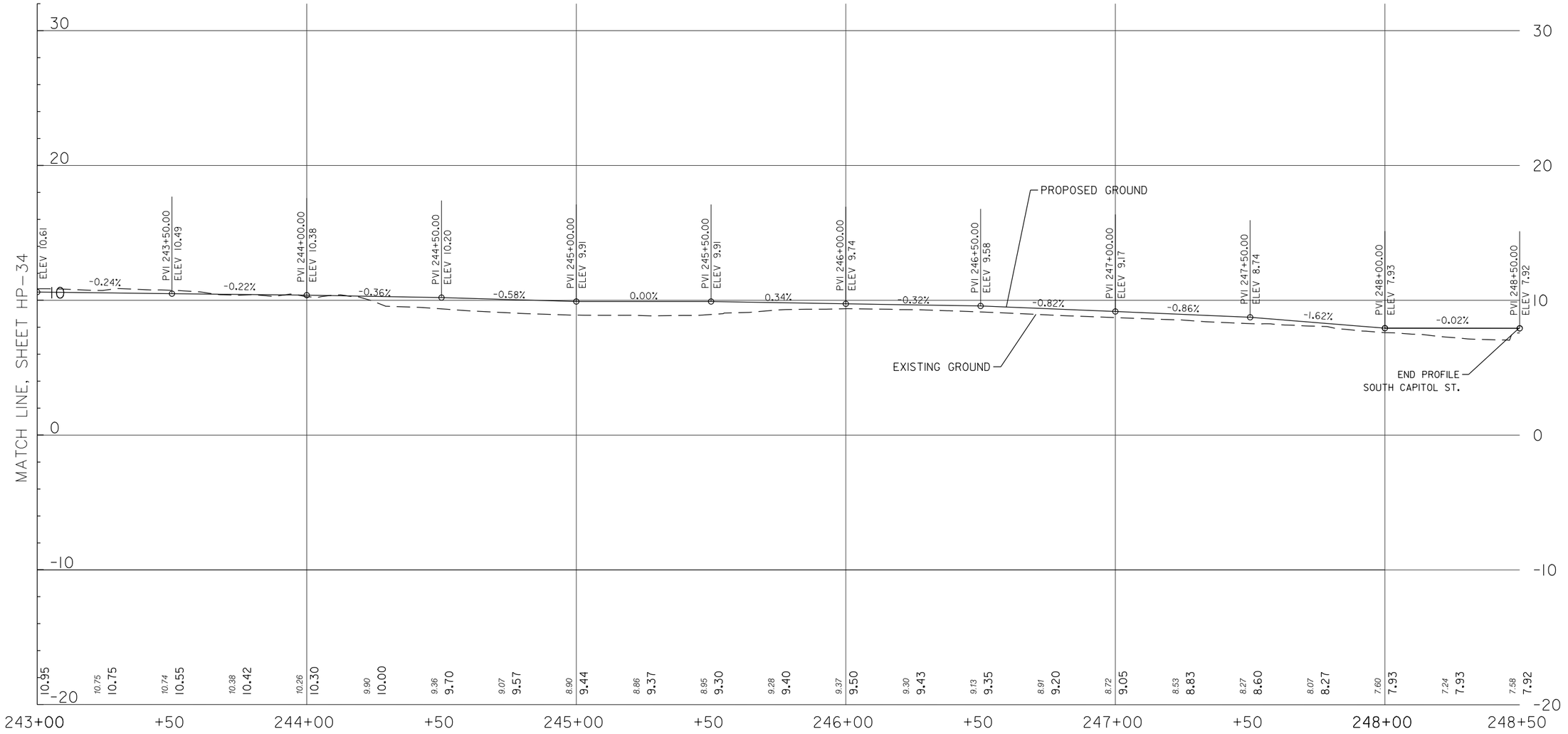
SOUTH CAPITOL ST. TRAIL PROFILE
STA. 237+00.00 TO 243+00.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 140 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	141	576



HP-35

4' 0 4' 8'
VERTICAL SCALE IN FEET
SCALE: 1"=4'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
CARLTON G. SMOAK
NO. PE017176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SOUTH CAPITOL ST. TRAIL PROFILE
STA. 243+00.00 TO 248+50.00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

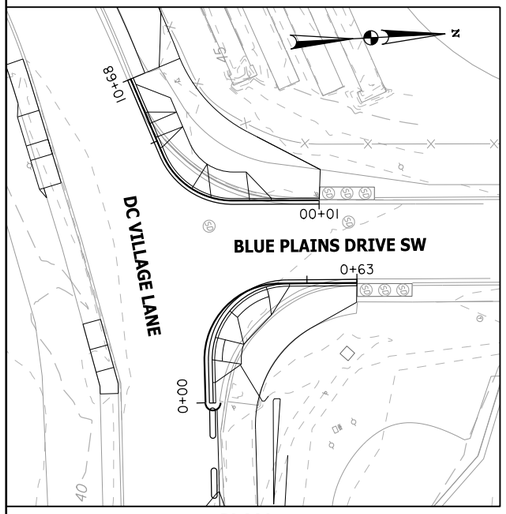
DATE

FILE

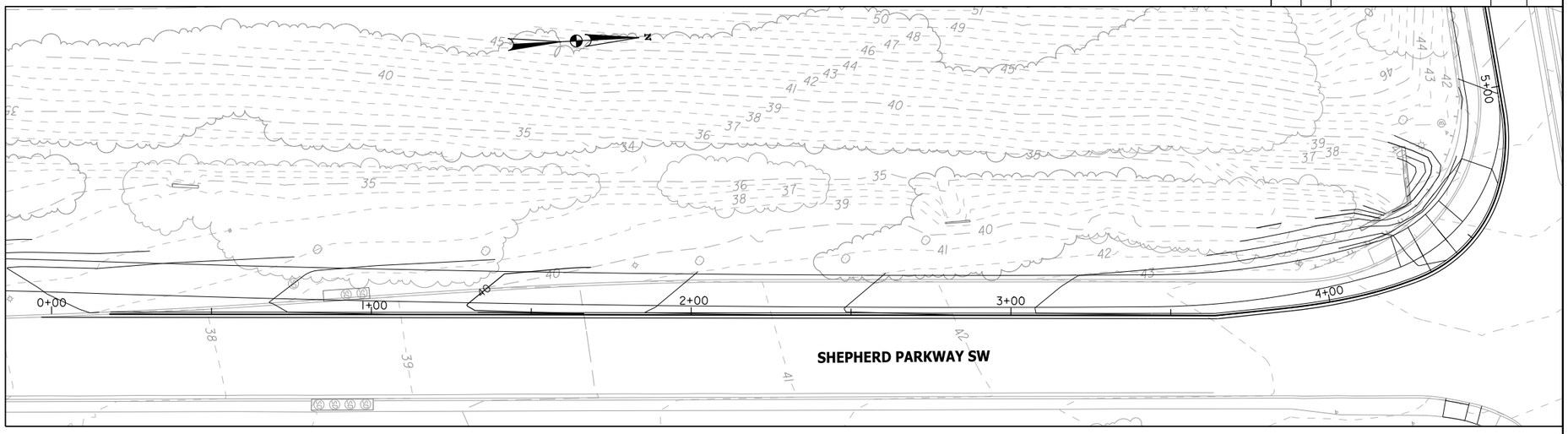
SHEET 141 OF 576

pHP-P035_SCSTr-all.dgn
2/24/2026

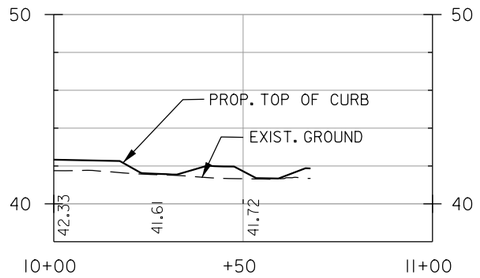
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	142	576



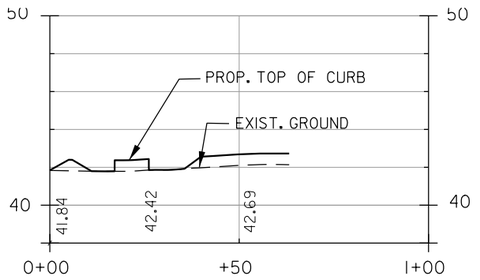
PLAN



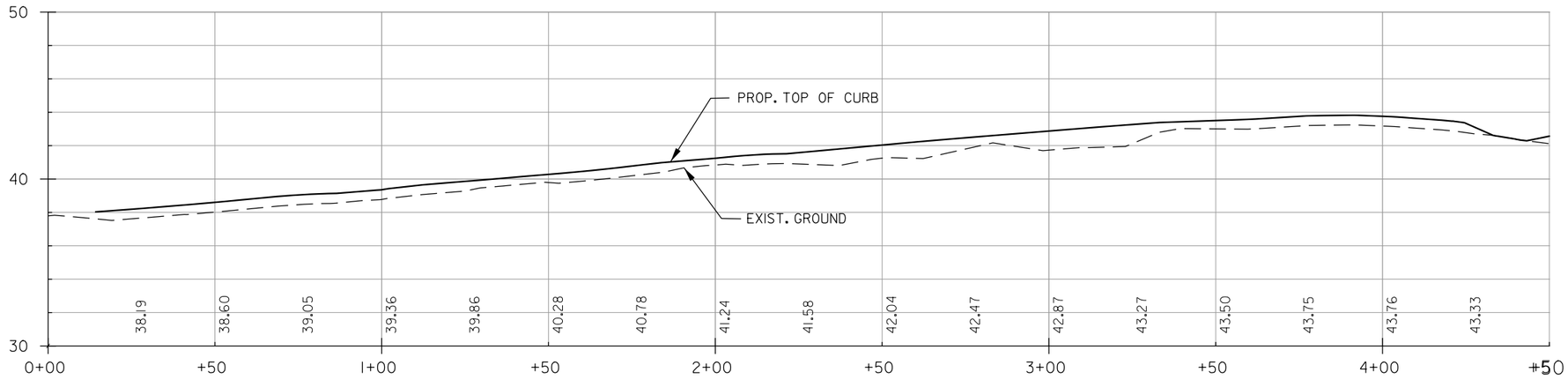
PLAN



PROFILE



PROFILE



PROFILE

HP-36

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE
TOP OF CURB
BLUE PLAINES DR. & VILLAGE LN.
AND SHEPHERD PKWY

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 142 OF 576

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ch2m TOOLE DESIGN

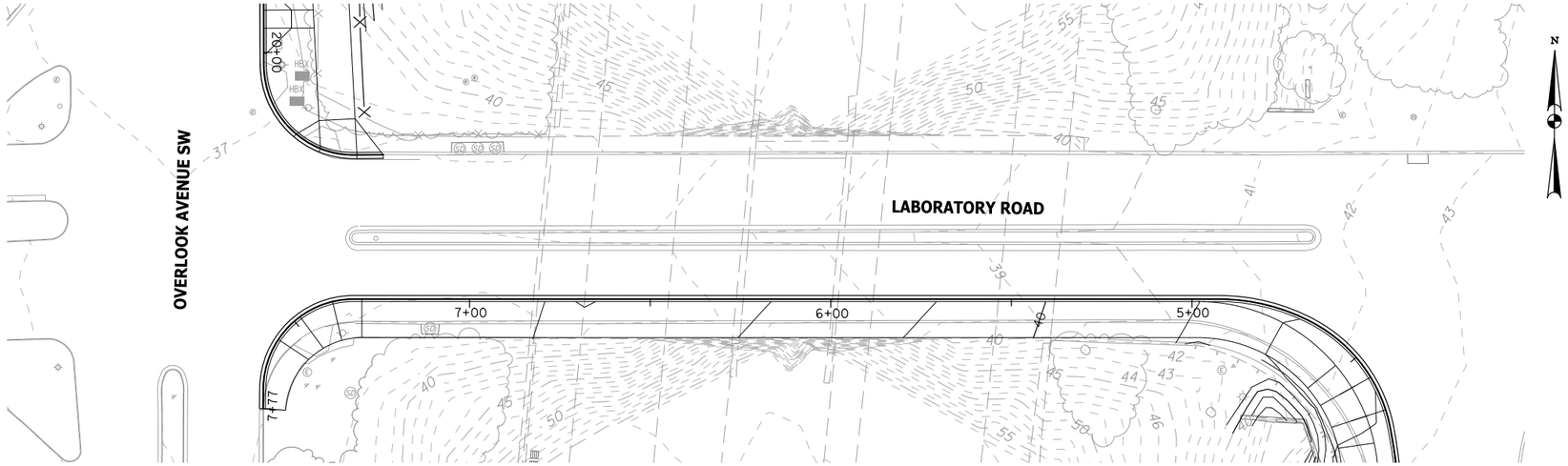
DISTRICT OF COLUMBIA
MARION G. SMOLA
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1"=5'

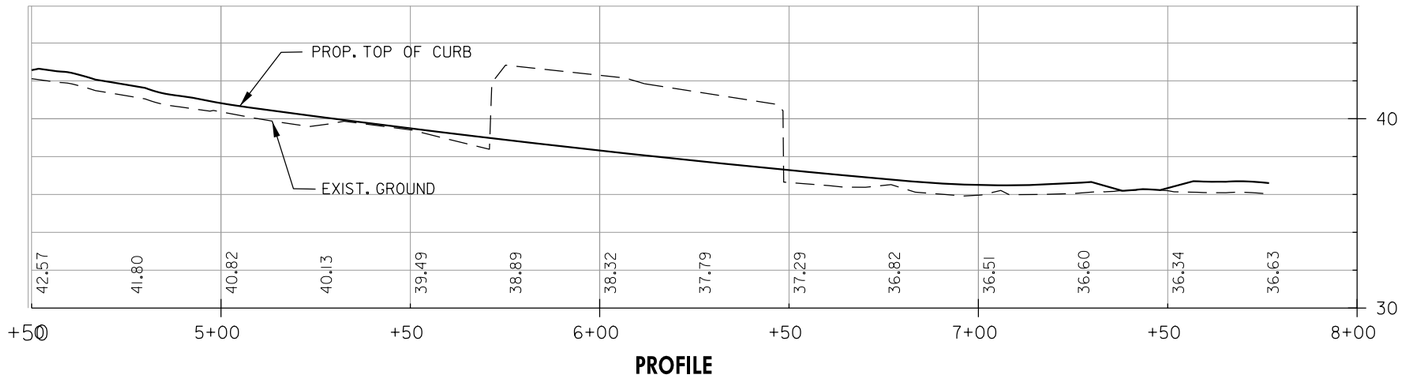
20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

pHP-P36_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	143	576



PLAN



PROFILE

HP–37

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE
TOP OF CURB
LABORATORY RD.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 143 OF 576

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ch2m TOOLE DESIGN

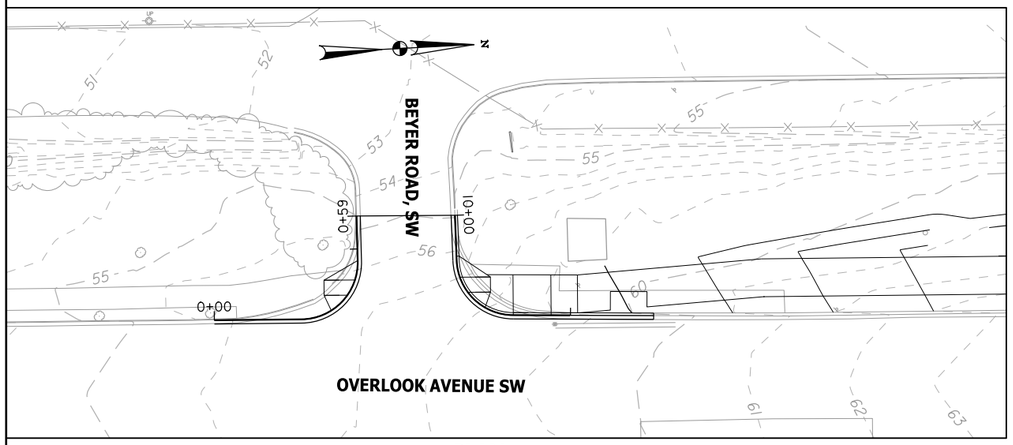
DISTRICT OF COLUMBIA
CHARLON B. SHOATE
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1"=5'

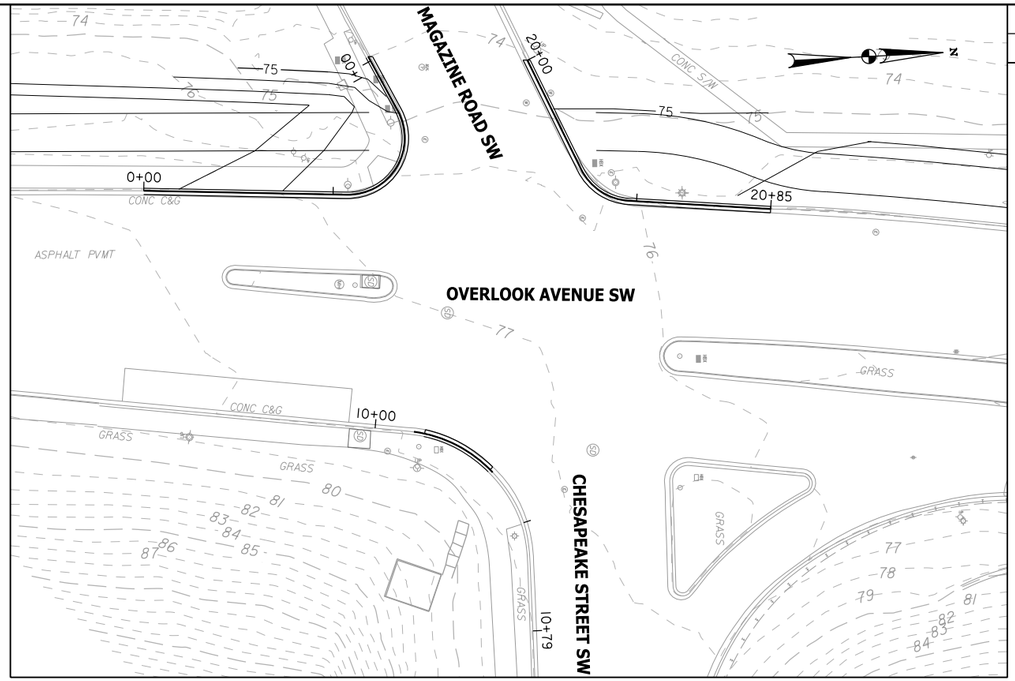
20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

pHP-P37_SCSTr-ali.dgn
2/24/2026

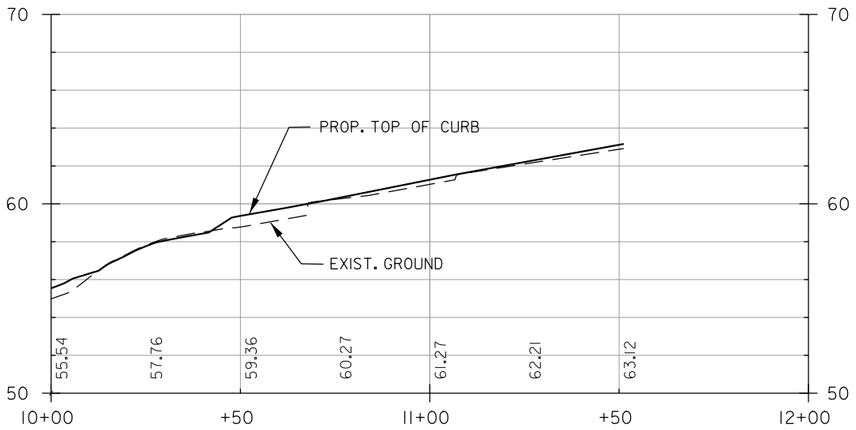
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	144	576



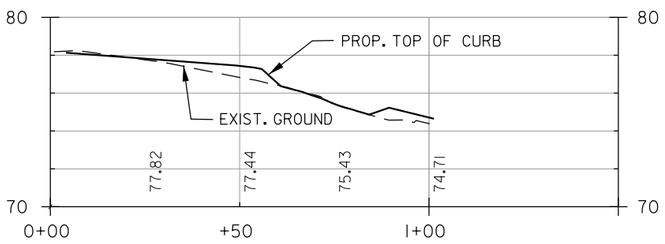
PLAN



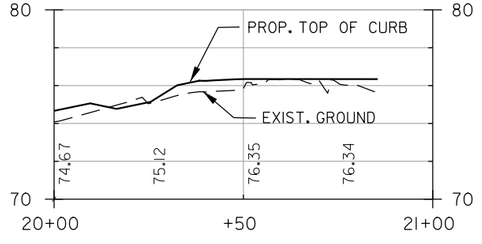
PLAN



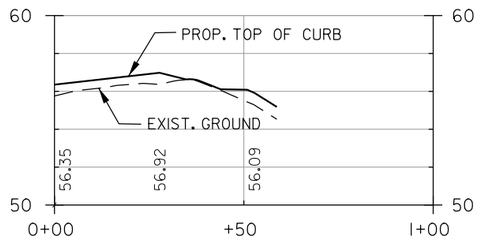
PROFILE



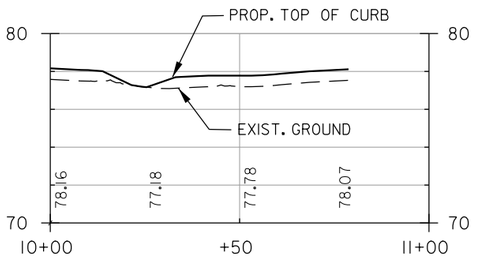
PROFILE



PROFILE



PROFILE



PROFILE

HP-38

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE
TOP OF CURB
OVERLOOK AVE.
OVERLOOK AVE. & MAGAZINE RD.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 144 OF 576

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

ch2m TOOLE DESIGN

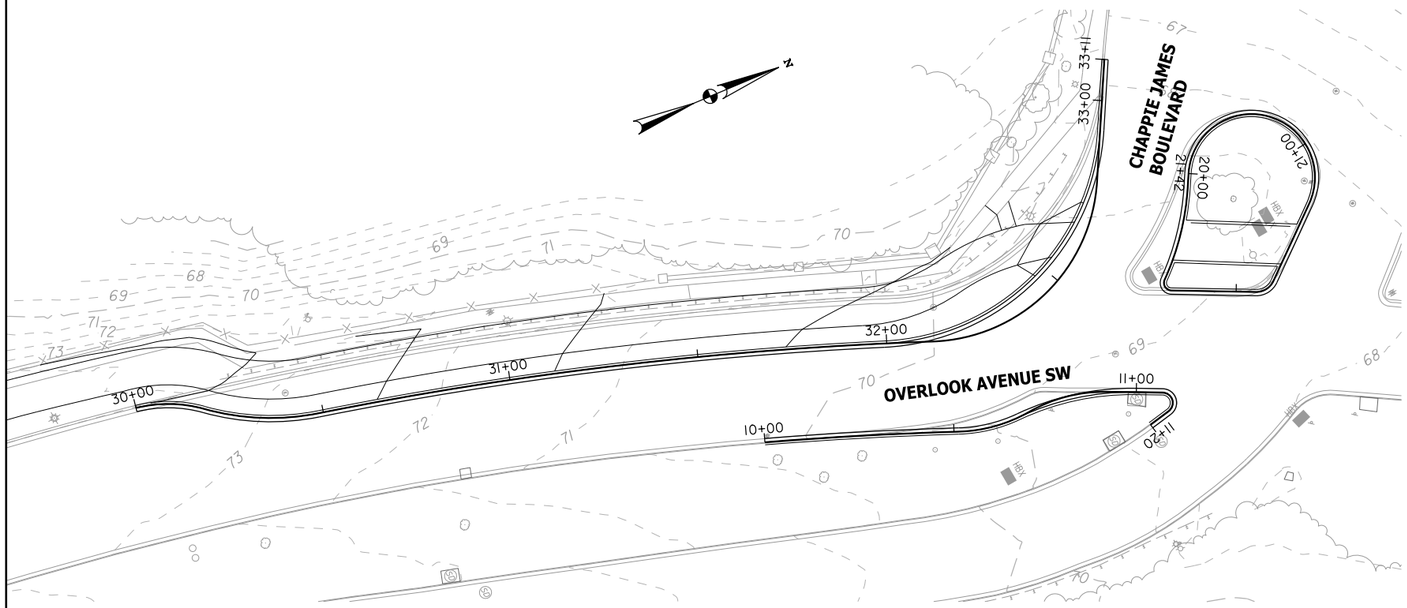
DISTRICT OF COLUMBIA
DARRION G. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1"=5'

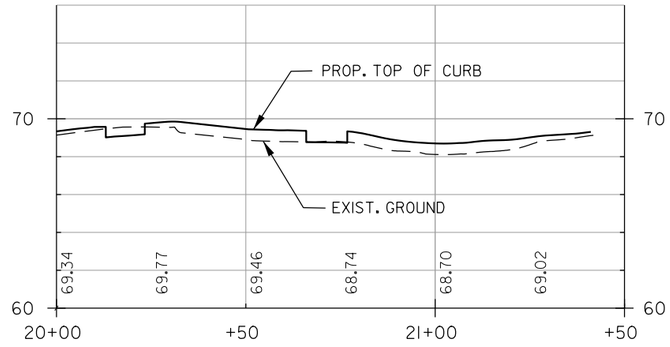
20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

pHP-P38_SCSTrail.dgn
2/24/2026

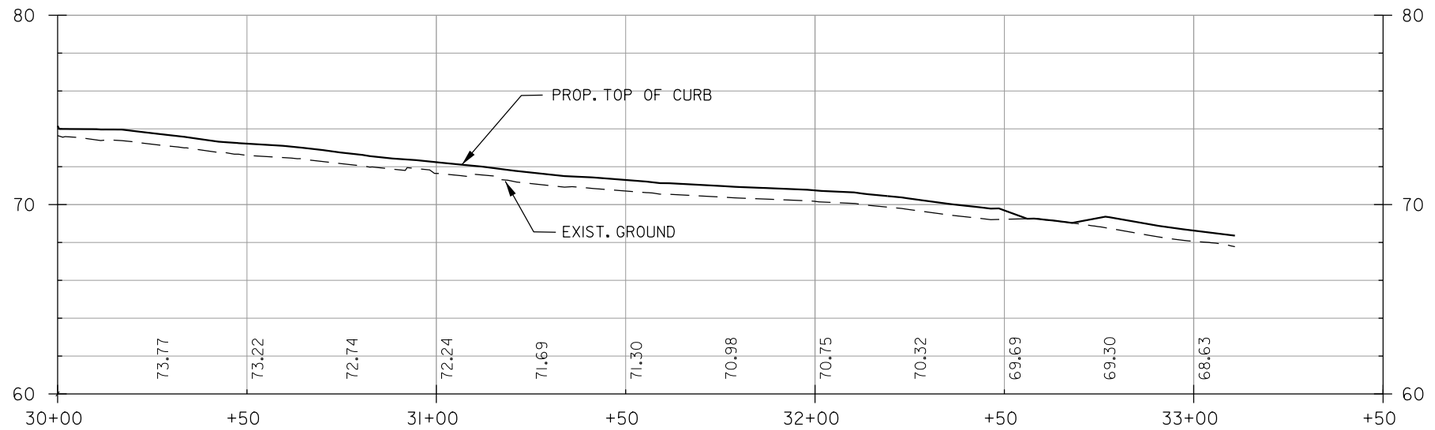
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	145	576



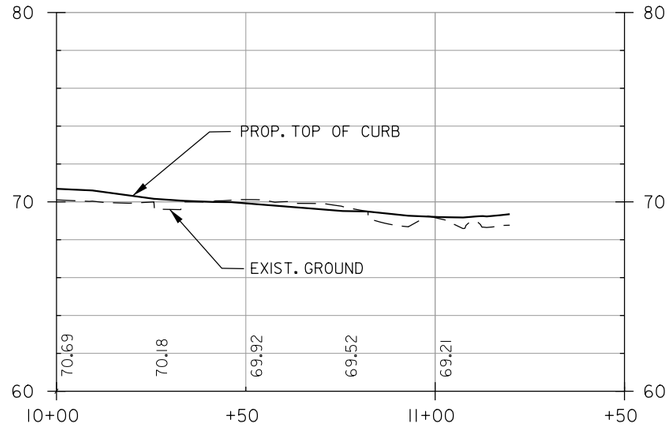
PLAN



PROFILE



PROFILE



PROFILE

HP-39

pHP-P39_SCSTrail.dgn
2/24/2026

DISTRICT OF COLUMBIA
DARION G. SMOAK
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1"=5'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

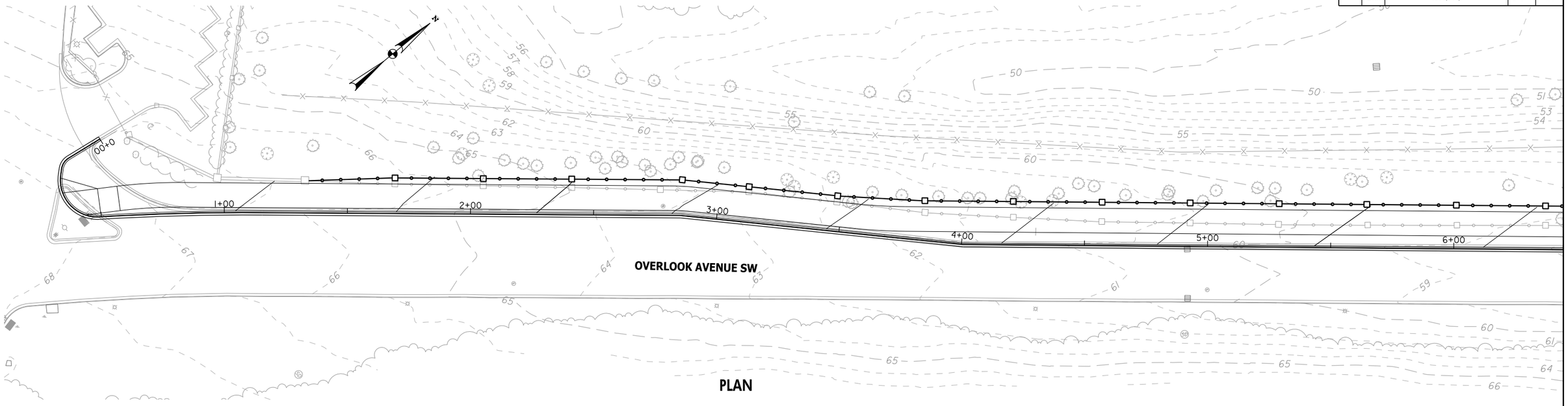
PLAN AND PROFILE
TOP OF CURB
OVERLOOK DR. & CHAPPIE JAMES BLVD.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

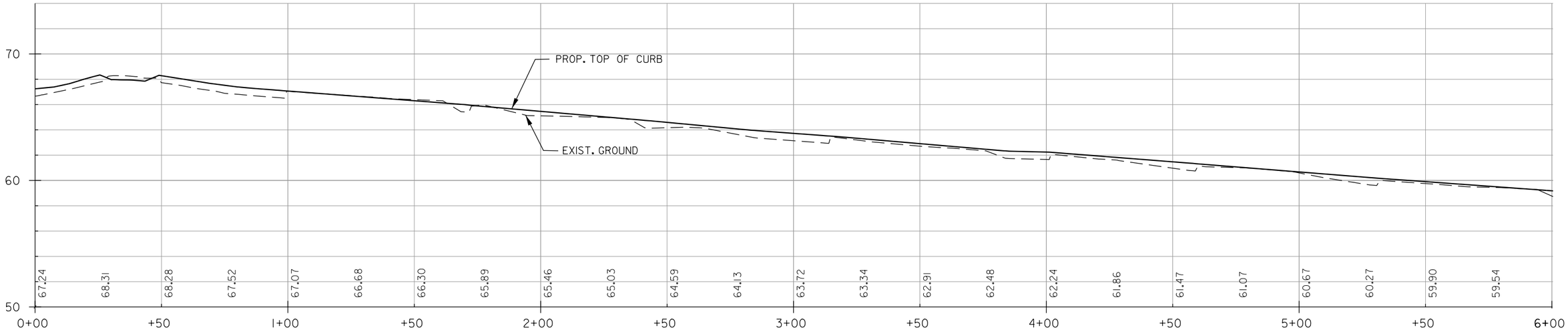
DIVISION CHIEF

DATE
FILE
SHEET 145 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	146	576



PLAN



PROFILE

HP–40

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1" = 5'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1" = 20'

DISTRICT OF COLUMBIA
SHARLON D. SINGLETON
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE
TOP OF CURB
OVERLOOK AVE

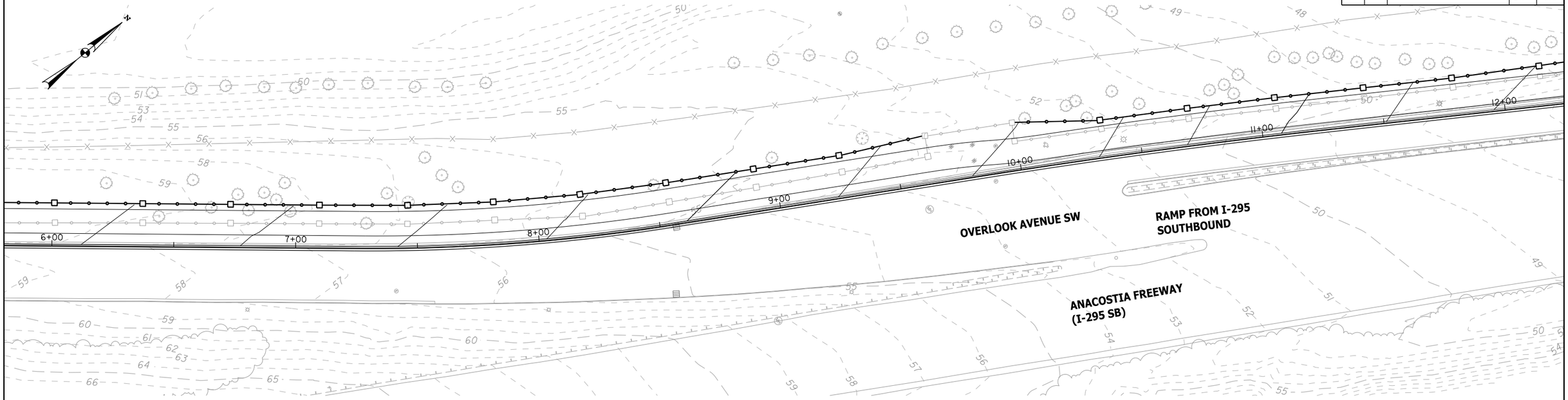
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

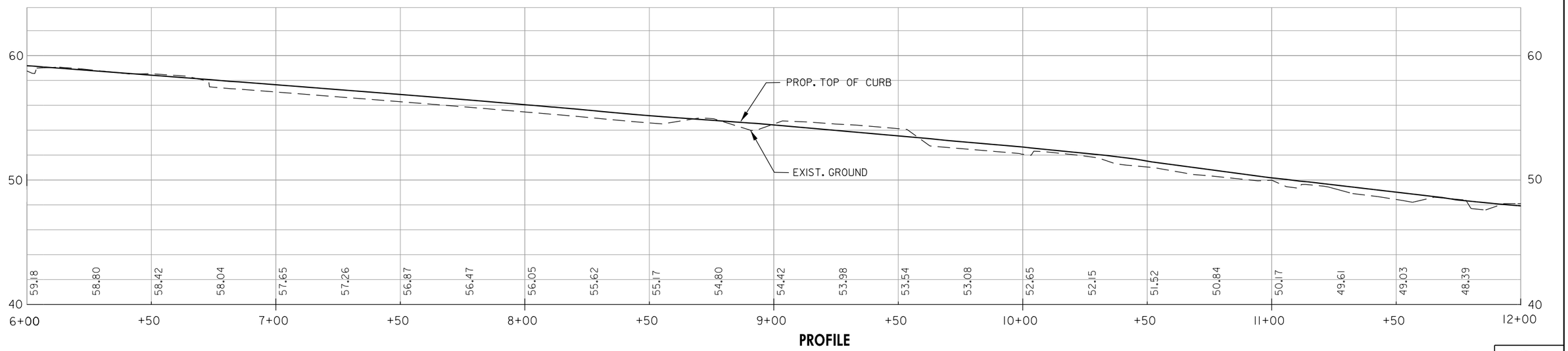
DATE
FILE
SHEET 146 OF 576

phP-P40_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	147	576



PLAN



PROFILE

HP-41

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE TOP OF CURB OVERLOOK AVE

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 147 OF 576

DISTRICT OF COLUMBIA
DARRON G. SMOAK
NO. PE901706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1"=5'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

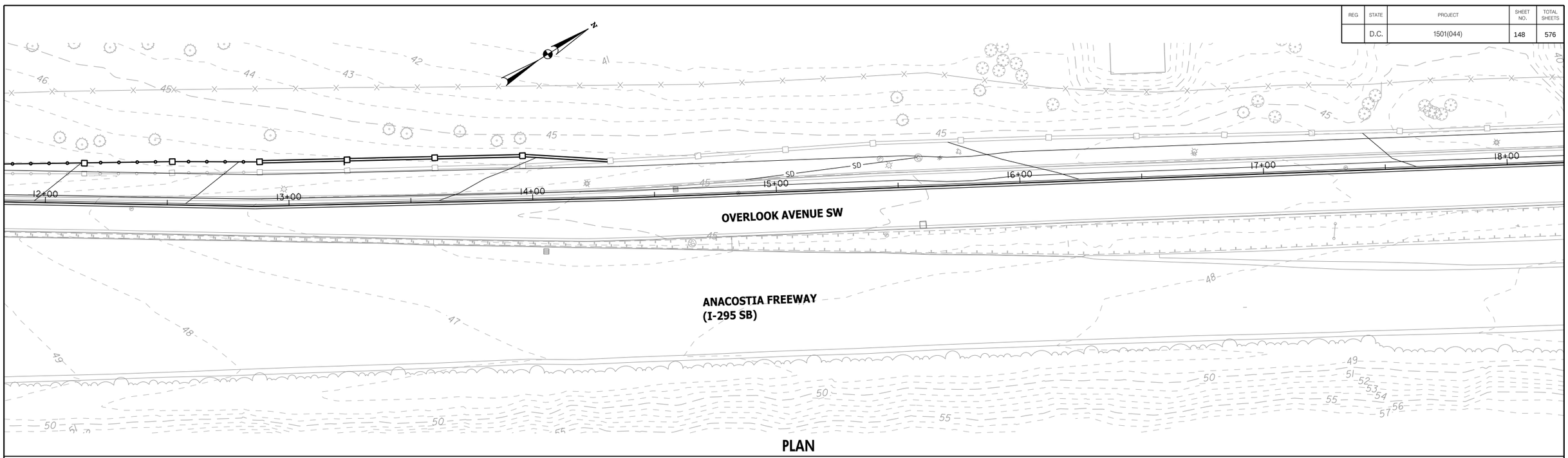
ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

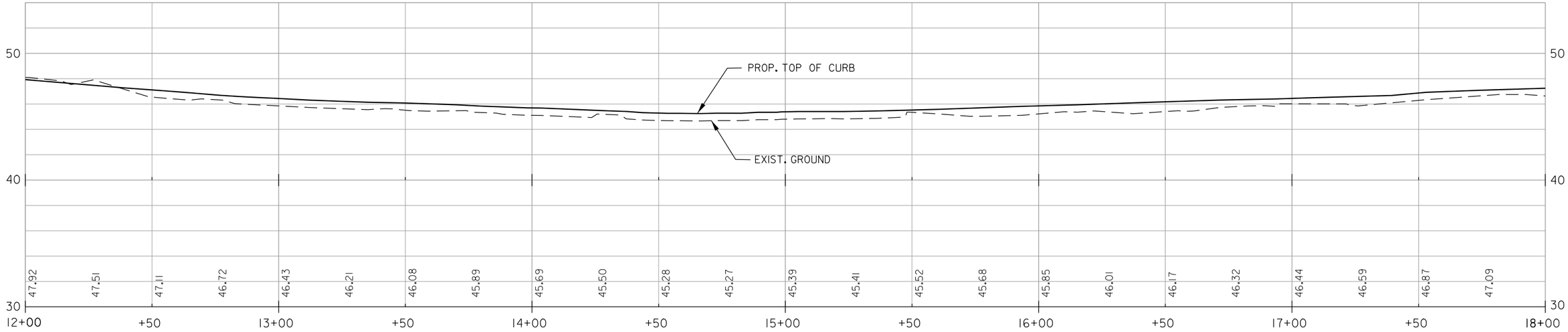
REVISIONS

pHP-P41_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	148	576



PLAN



PROFILE

HP-42

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE
TOP OF CURB
OVERLOOK AVE

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 148 OF 576

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ch2m TOOLE DESIGN

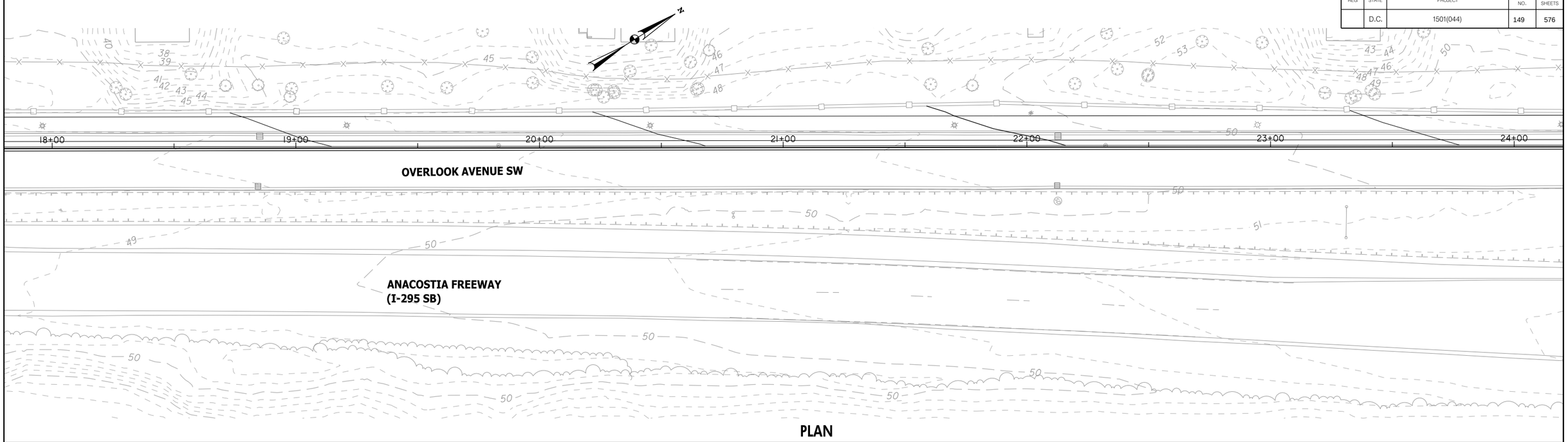
DISTRICT OF COLUMBIA
MARLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1"=5'

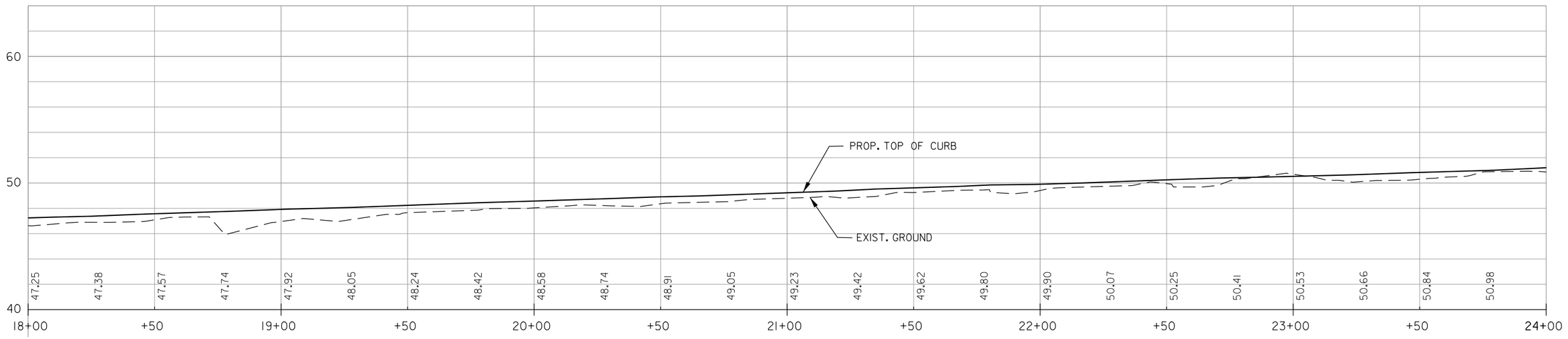
20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

pHP-P42_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	149	576



PLAN



PROFILE

HP–43

DISTRICT OF COLUMBIA
MARION G. SMOLA
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P43_SCSTrail.dgn
2/24/2026

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1"=5'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE
TOP OF CURB
OVERLOOK AVE

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

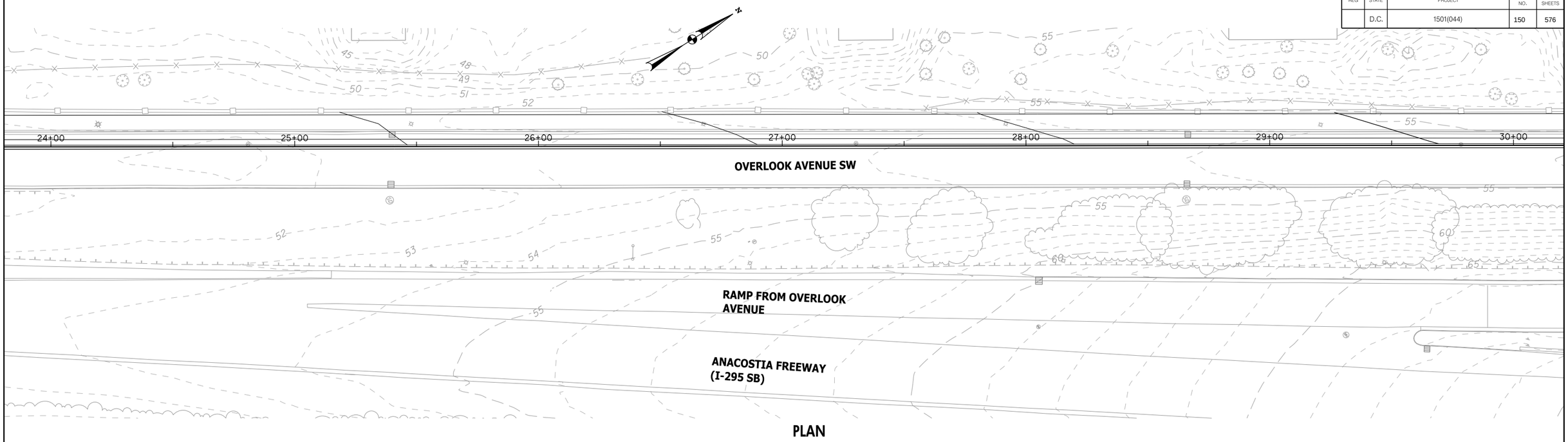
DIVISION CHIEF

DATE

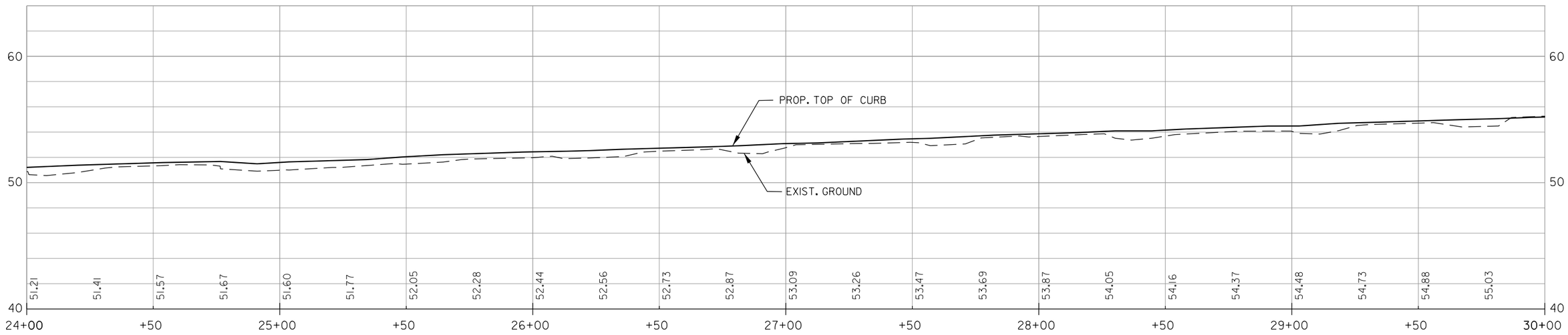
FILE

SHEET 149 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	150	576



PLAN



PROFILE

HP–44

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE TOP OF CURB OVERLOOK AVE

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

DIVISION CHIEF

DATE
FILE
SHEET 150 OF 576

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ch2m TOOLE DESIGN

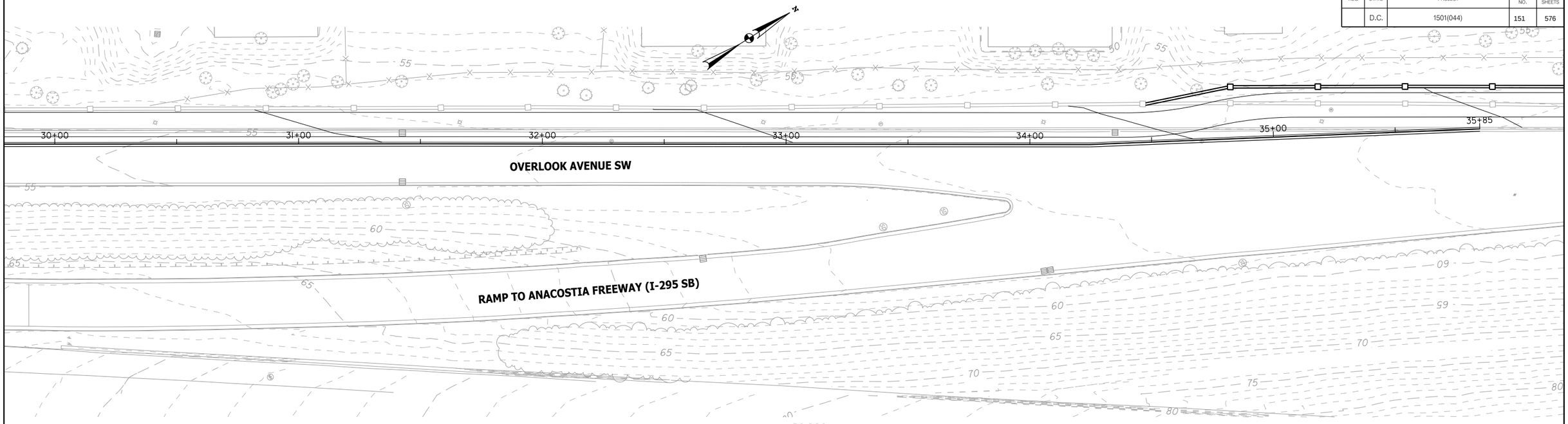
DISTRICT OF COLUMBIA
MARION G. SMOLA
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1"=5'

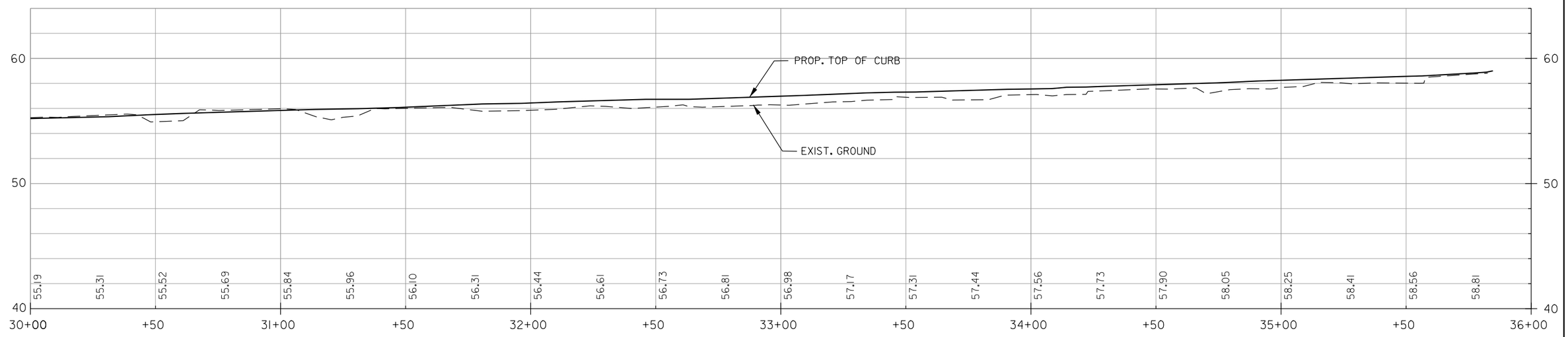
20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

pHP-P44_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	151	576



PLAN



PROFILE

HP-45

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE
TOP OF CURB
OVERLOOK AVE

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 151 OF 576

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ch2m TOOLE DESIGN

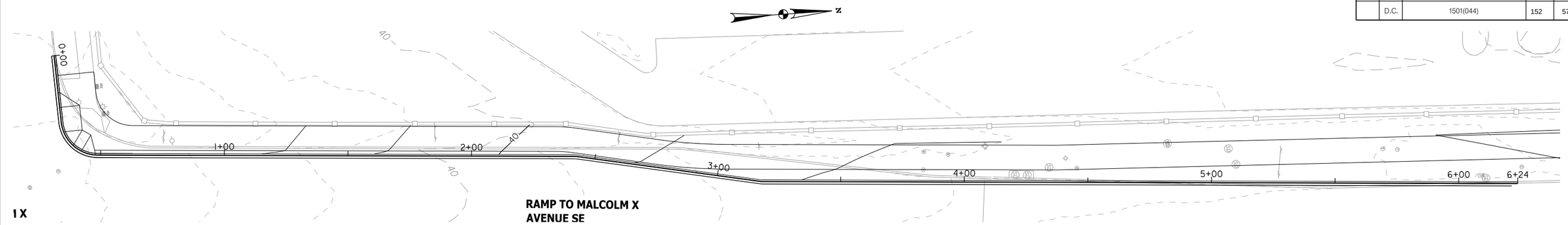
DISTRICT OF COLUMBIA
MARION G. SMOLA
NO. PE901706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1"=5'

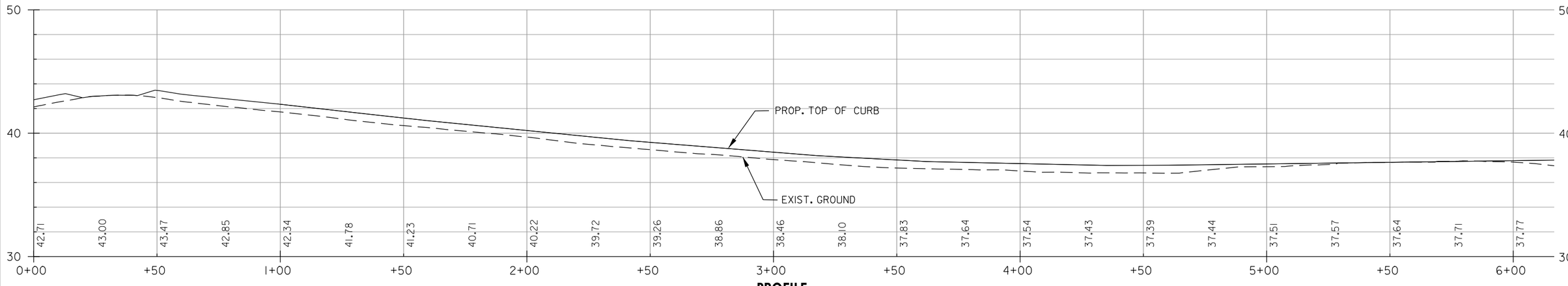
20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

pHP-P45_SCSTrail.dgn
2/24/2026

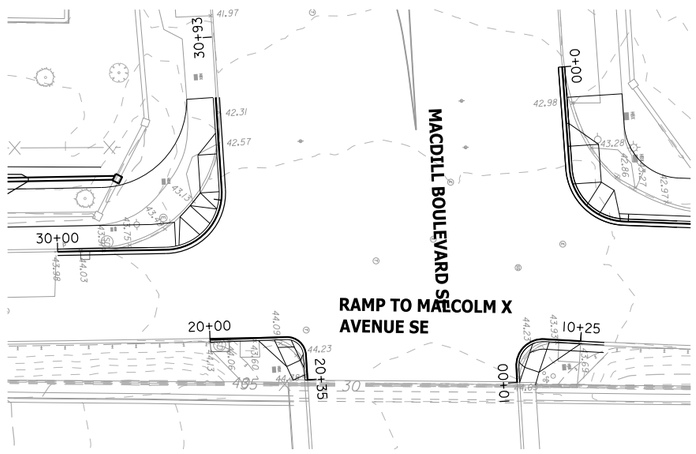
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	152	576



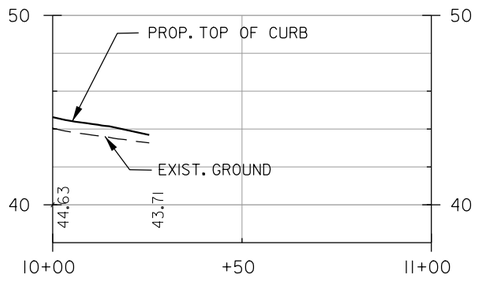
PLAN



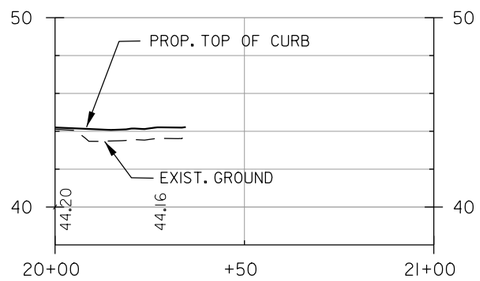
PROFILE



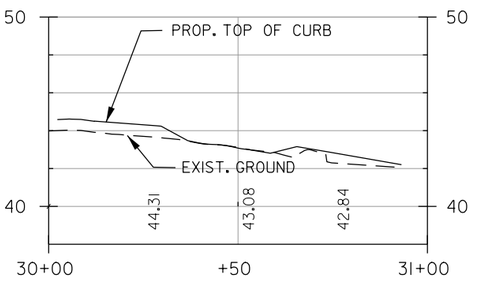
PLAN



PROFILE



PROFILE



PROFILE

HP–46

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE TOP OF CURB OVERLOOK AVE

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 152 OF 576

NO.	DESCRIPTION	NAME	DATE

REVISIONS

VERTICAL SCALE IN FEET
SCALE: 1"=5'

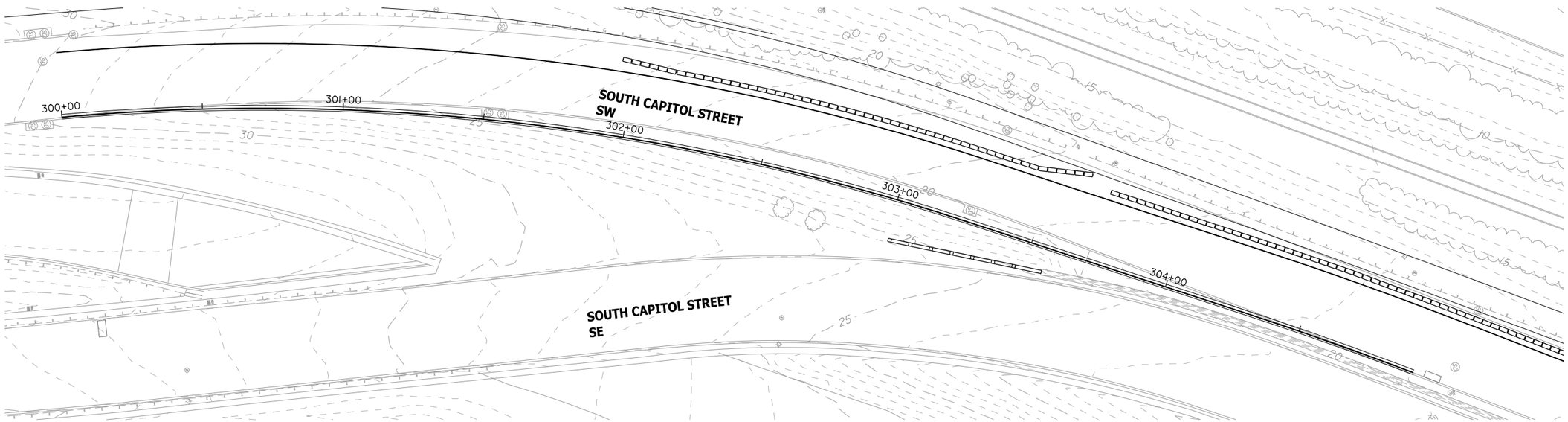
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

ch2m TOOLE DESIGN

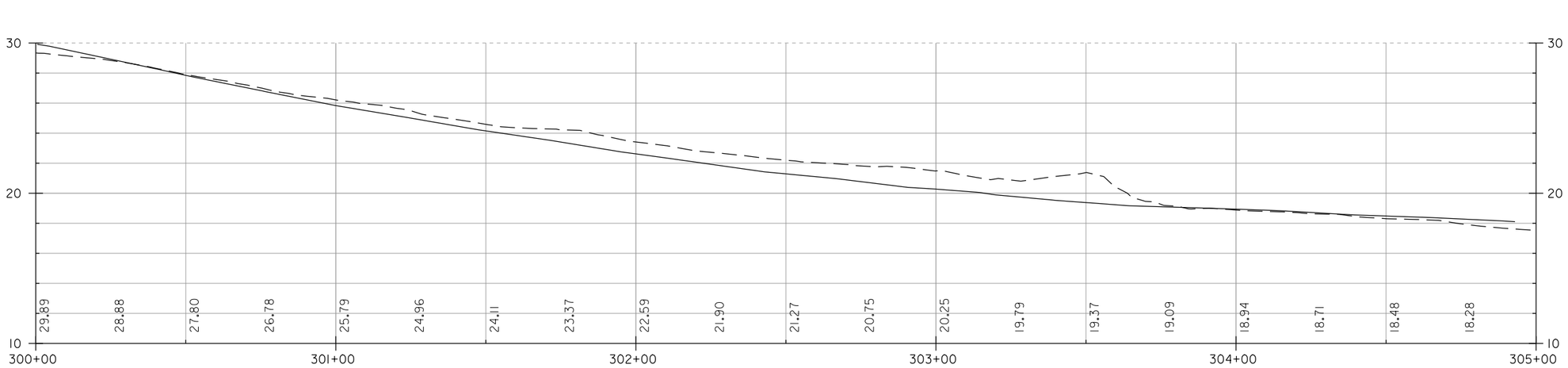
DISTRICT OF COLUMBIA
MARION O. SMOAK
NO. PE009706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pHP-P46_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	153	576



PLAN



PROFILE

HP–47

DISTRICT OF COLUMBIA
RAMON G. SMOAK
NO. PE014176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1" = 5'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1" = 20'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE
TOP OF CURB
STA. 300+00 TO 305+00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 153 OF 576

pHP-P47_SCSTrail.dgn
2/24/2026

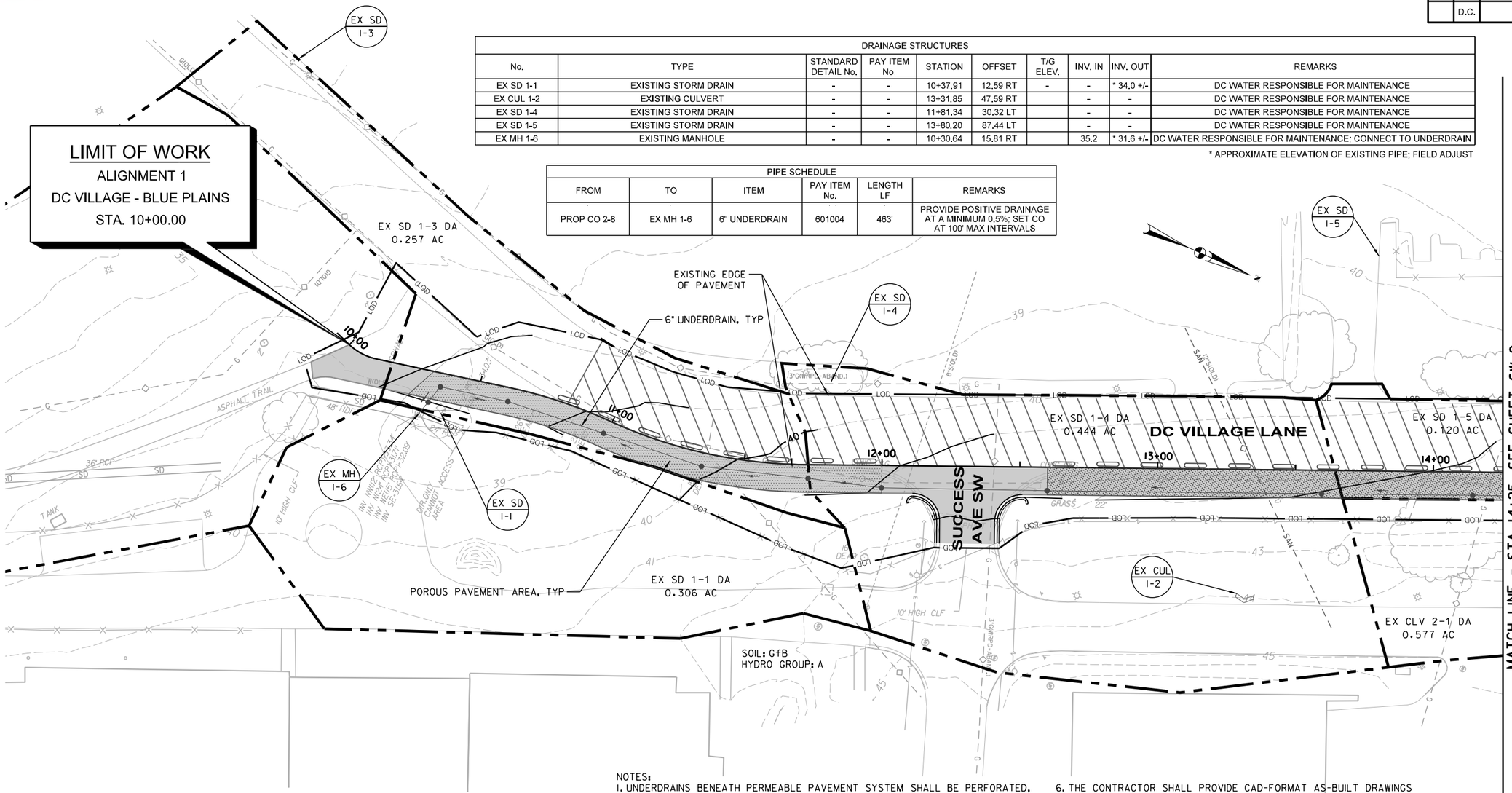
DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	154	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 1-1	EXISTING STORM DRAIN	-	-	10+37.91	12.59 RT	-	-	* 34.0 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX CUL 1-2	EXISTING CULVERT	-	-	13+31.85	47.59 RT		-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 1-4	EXISTING STORM DRAIN	-	-	11+81.34	30.32 LT		-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 1-5	EXISTING STORM DRAIN	-	-	13+80.20	87.44 LT		-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX MH 1-6	EXISTING MANHOLE	-	-	10+30.64	15.81 RT		35.2	* 31.6 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST

PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CO 2-8	EX MH 1-6	6" UNDERDRAIN	601004	463'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.

3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.

4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.

5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.

6. THE CONTRACTOR SHALL PROVIDE CAD-FORMAT AS-BUILT DRAWINGS DOCUMENTING FINAL LOCATIONS AND ELEVATIONS OF PERMEABLE PAVEMENT SYSTEMS AND BIORETENTION PLANTERS FOR DDOT RECORDS.

7. ALL UNDERDRAIN CONNECTIONS TO EXISTING STRUCTURES SHALL COMPLY WITH DC WATER GREEN INFRASTRUCTURE STANDARD DETAIL - WATER AND SEWER CLEARANCES FOR UNDERDRAINS ADJACENT TO CATCH BASIN, SEE SHEET SD-04.

8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BENJAMIN R. ALLISON — PE905845 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-1

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 154 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	155	576

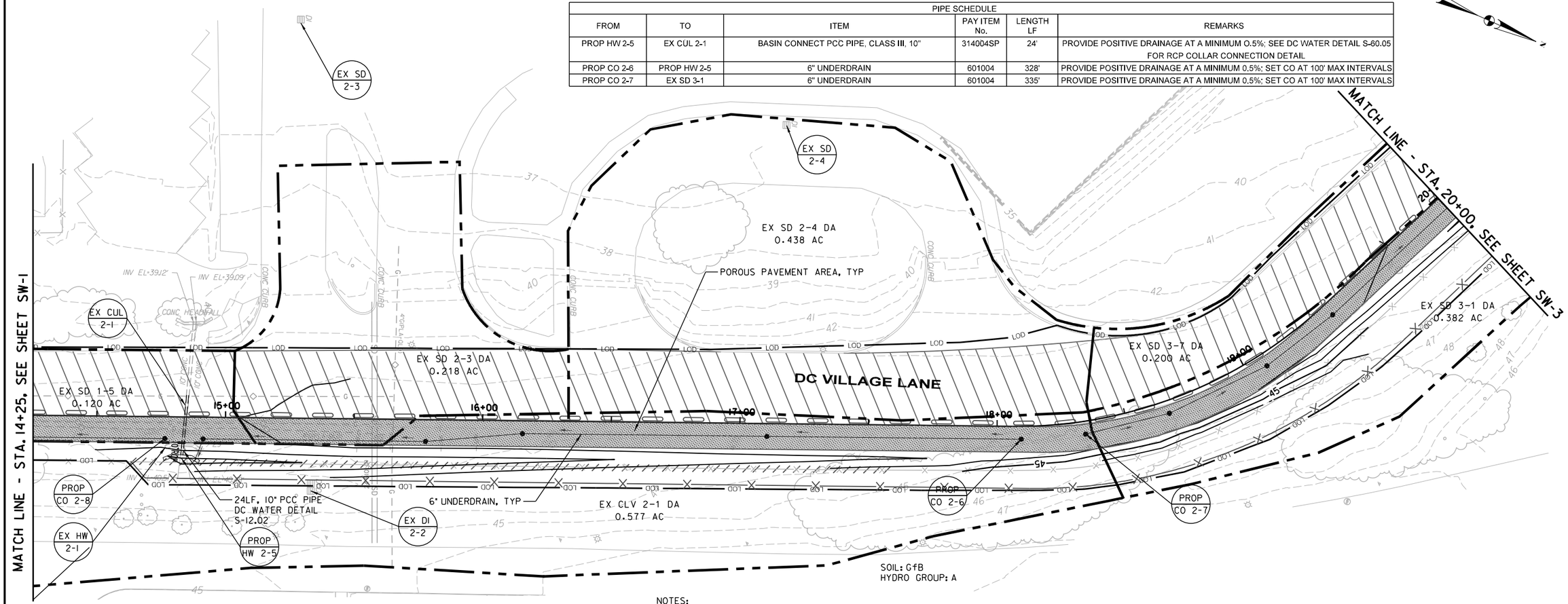
DRAINAGE STRUCTURES

No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX CUL 2-1	EXISTING CULVERT	-	-	14+83.83	10.16 RT	43.03	EXISTING	*39.94 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO PROP HW 2-5
EX HW 2-1	EXISTING HEADWALL	-	-	14+83.83	10.16 RT	43.03	-	-	REMOVE STRUCTURE
EX DI 2-2	EXISTING DROP INLET	-	-	15+33.42	26.74 RT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 2-3	EXISTING STORM DRAIN	-	-	15+27.57	155.10 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 2-4	EXISTING STORM DRAIN	-	-	17+16.80	116.20 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP HW 2-5	STANDARD HEADWALL (24 INCH DIA AND SMALLER)	320.01	-	14+83.20	14.77 RT	42.18	39.94 +/-	40.63	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN AND EX. CUL 2-1
PROP CO 2-6	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	18+09.29	5.00 RT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CO 2-7	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	18+33.79	5.00 RT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CO 2-8	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	14+76.51	8.46 RT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST

PIPE SCHEDULE

FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP HW 2-5	EX CUL 2-1	BASIN CONNECT PCC PIPE, CLASS III, 10"	314004SP	24'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SEE DC WATER DETAIL S-60.05 FOR RCP COLLAR CONNECTION DETAIL
PROP CO 2-6	PROP HW 2-5	6" UNDERDRAIN	601004	328'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS
PROP CO 2-7	EX SD 3-1	6" UNDERDRAIN	601004	335'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.
2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.
3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.
4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.
6. THE CONTRACTOR SHALL PROVIDE CAD-FORMAT AS-BUILT DRAWINGS DOCUMENTING FINAL LOCATIONS AND ELEVATIONS OF PERMEABLE PAVEMENT SYSTEMS AND BIORETENTION PLANTERS FOR DDOT RECORDS.
7. ALL UNDERDRAIN CONNECTIONS TO EXISTING STRUCTURES SHALL COMPLY WITH DC WATER GREEN INFRASTRUCTURE STANDARD DETAIL - WATER AND SEWER CLEARANCES FOR UNDERDRAINS ADJACENT TO CATCH BASIN, SEE SHEET SD-04.
8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

SCALE: 1"=20'

DISTRICT OF COLUMBIA — BRIANY R. ALLISON — PE905845 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

SW-2

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 155 OF 576

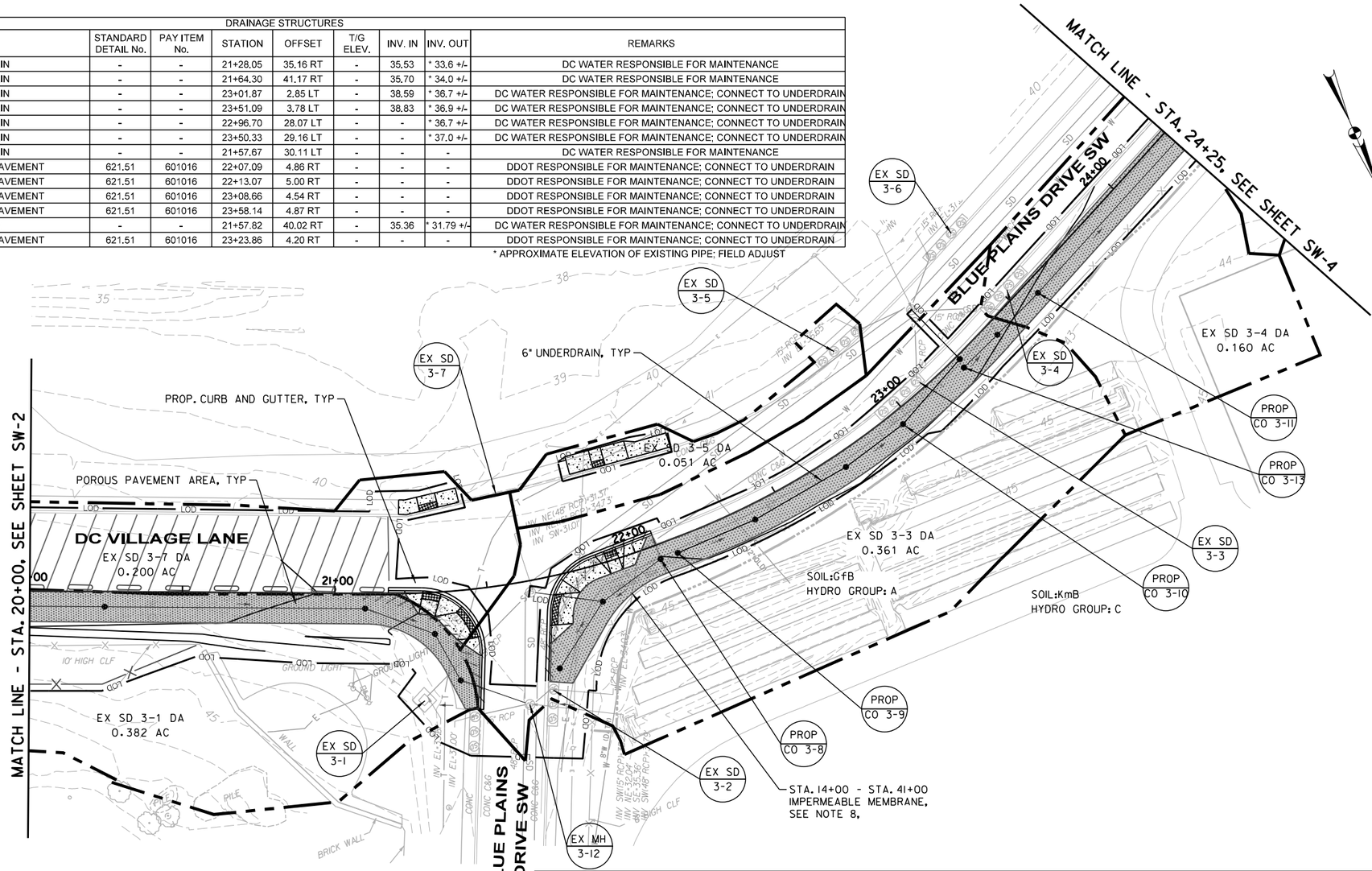
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	156	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 3-1	EXISTING STORM DRAIN	-	-	21+28.05	35.16 RT	-	35.53	* 33.6 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 3-2	EXISTING STORM DRAIN	-	-	21+64.30	41.17 RT	-	35.70	* 34.0 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 3-3	EXISTING STORM DRAIN	-	-	23+01.87	2.85 LT	-	38.59	* 36.7 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
EX SD 3-4	EXISTING STORM DRAIN	-	-	23+51.09	3.78 LT	-	38.83	* 36.9 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
EX SD 3-5	EXISTING STORM DRAIN	-	-	22+96.70	28.07 LT	-	-	* 36.7 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
EX SD 3-6	EXISTING STORM DRAIN	-	-	23+50.33	29.16 LT	-	-	* 37.0 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
EX SD 3-7	EXISTING STORM DRAIN	-	-	21+57.67	30.11 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP CO 3-8	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	22+07.09	4.86 RT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CO 3-9	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	22+13.07	5.00 RT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CO 3-10	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	23+08.66	4.54 RT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CO 3-11	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	23+58.14	4.87 RT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
EX MH 3-12	EXISTING MANHOLE	-	-	21+57.82	40.02 RT	-	35.36	* 31.79 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CO 3-13	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	23+23.86	4.20 RT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST



NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.

3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.

4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.

5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.

6. THE CONTRACTOR SHALL PROVIDE CAD-FORMAT AS-BUILT DRAWINGS DOCUMENTING FINAL LOCATIONS AND ELEVATIONS OF PERMEABLE PAVEMENT SYSTEMS AND BIORETENTION PLANTERS FOR DDOT RECORDS.

7. ALL UNDERDRAIN CONNECTIONS TO EXISTING STRUCTURES SHALL COMPLY WITH DC WATER GREEN INFRASTRUCTURE STANDARD DETAIL - WATER AND SEWER CLEARANCES FOR UNDERDRAINS ADJACENT TO CATCH BASIN, SEE SHEET SD-04.

8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CO 3-8	EX SD 3-2	6" UNDERDRAIN	601004	60'	PROVIDE POSITIVE DRAINAGE AT A MIN 0.5%; SET CO AT 100' MAX INTERVALS
PROP CO 3-9	EX SD 3-3	6" UNDERDRAIN	601004	100'	PROVIDE POSITIVE DRAINAGE AT A MIN 0.5%; SET CO AT 100' MAX INTERVALS
PROP CO 3-10	EX SD 3-4	6" UNDERDRAIN	601004	52'	PROVIDE POSITIVE DRAINAGE AT A MIN 0.5%; SET CO AT 100' MAX INTERVALS
PROP CO 3-11	EX SD 4-1	6" UNDERDRAIN	601004	330'	PROVIDE POSITIVE DRAINAGE AT A MIN 0.5%; SET CO AT 100' MAX INTERVALS

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · MELANY R. ALLISON · PE905849 · 03/12/2020 · CIVIL · PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

SW-3

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 156 OF 576

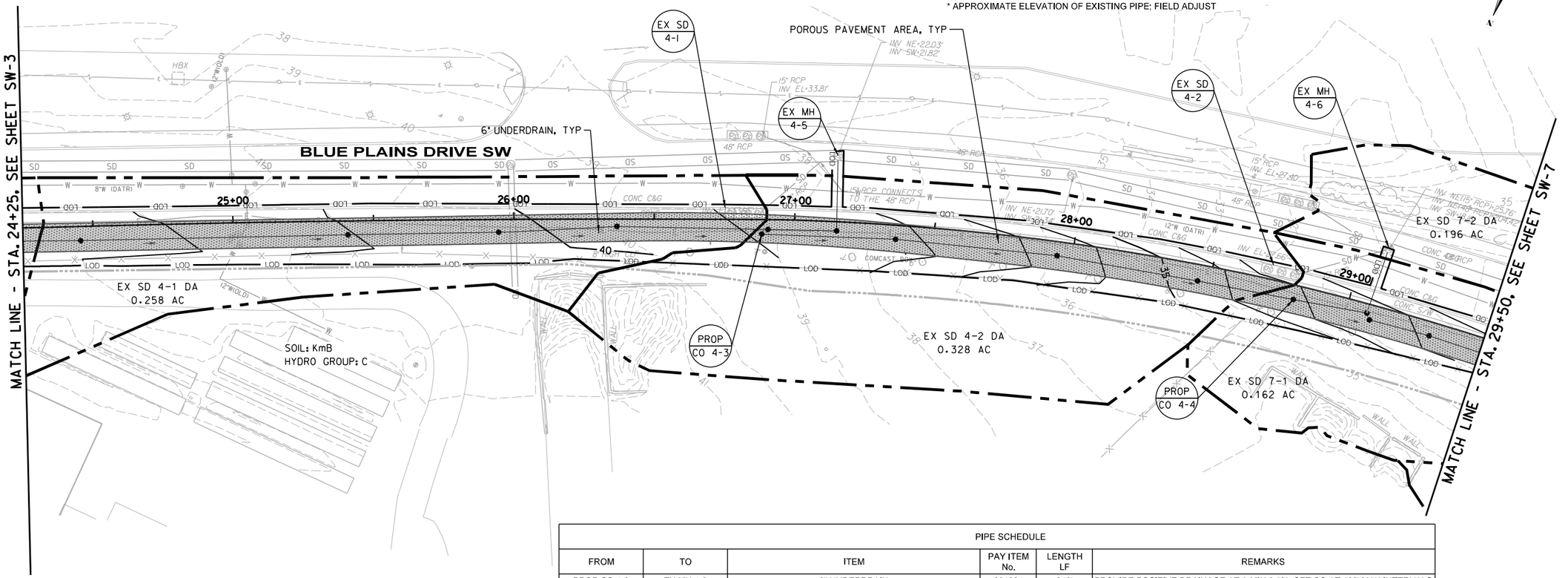
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	157	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 4-1	EXISTING STORM DRAIN	-	-	26+82.50	2.36 LT	-	35.87	* 33.9 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 4-2	EXISTING STORM DRAIN	-	-	28+74.24	3.48 LT	-	29.58	* 27.6 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP CO 4-3	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	26+88.33	5.15 RT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CO 4-4	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	28+80.61	5.15 RT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
EX MH 4-5	EXISTING MANHOLE	-	-	27+15.02	23.55 LT	-	22.03	* 21.82 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX MH 4-6	EXISTING MANHOLE	-	-	29+07.50	21.06 LT	-	25.76	* 18.16 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST



PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CO 4-3	EX MH 4-6	6" UNDERDRAIN	601004	240'	PROVIDE POSITIVE DRAINAGE AT A MIN 0.5%; SET CO AT 100' MAX INTERVALS
PROP CO 3-13	EX MH 4-5	6" UNDERDRAIN	601004	416'	PROVIDE POSITIVE DRAINAGE AT A MIN 0.5%; SET CO AT 100' MAX INTERVALS

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.
2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.
3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.
4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.
6. THE CONTRACTOR SHALL PROVIDE CAD-FORMAT AS-BUILT DRAWINGS DOCUMENTING FINAL LOCATIONS AND ELEVATIONS OF PERMEABLE PAVEMENT SYSTEMS AND BIORETENTION PLANTERS FOR DDOT RECORDS.
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8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
BRIANY R. ALLISON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SW-4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE
SHEET 157 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	158	576

NOTES:
1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

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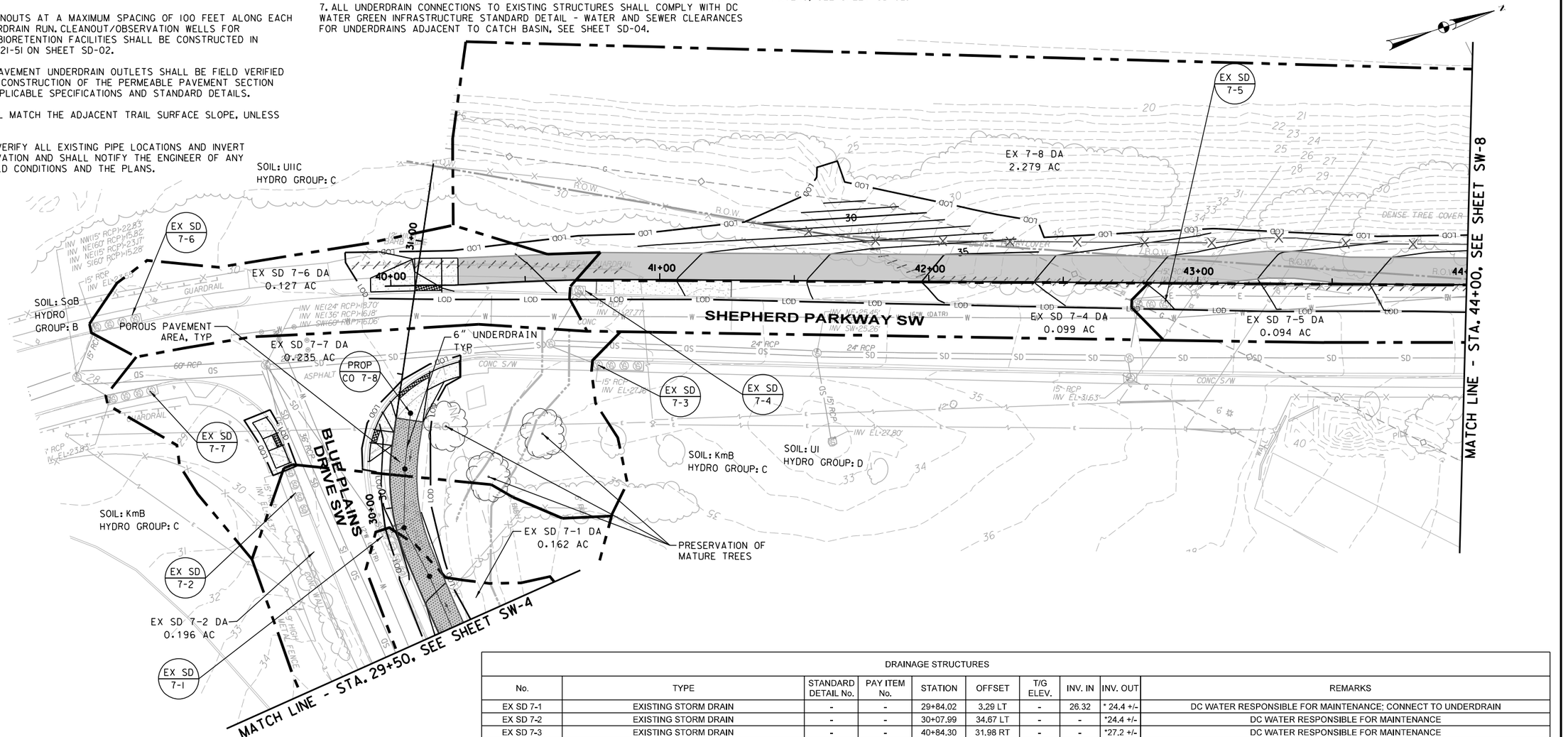


DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 7-1	EXISTING STORM DRAIN	-	-	29+84.02	3.29 LT	-	26.32	* 24.4 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
EX SD 7-2	EXISTING STORM DRAIN	-	-	30+07.99	34.67 LT	-	-	*24.4 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 7-3	EXISTING STORM DRAIN	-	-	40+84.30	31.98 RT	-	-	*27.2 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 7-4	EXISTING STORM DRAIN	-	-	40+69.96	3.79 RT	-	-	*27.8 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 7-5	EXISTING STORM DRAIN	-	-	42+82.68	8.01 RT	-	-	*31.5 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 7-6	EXISTING STORM DRAIN	-	-	30+53.34	100.25 LT	-	-	* 23.6 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 7-7	EXISTING STORM DRAIN	-	-	30+27.88	98.40 LT	-	-	*23.8 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP CO 7-8	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	30+36.14	5.00 RT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST

PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CO 7-8	EX SD 7-1	6" UNDERDRAIN	601004	48'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVAL

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · BRIANT R. ALLISTON · PE905849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

SW-7

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE

SHEET 158 OF 576

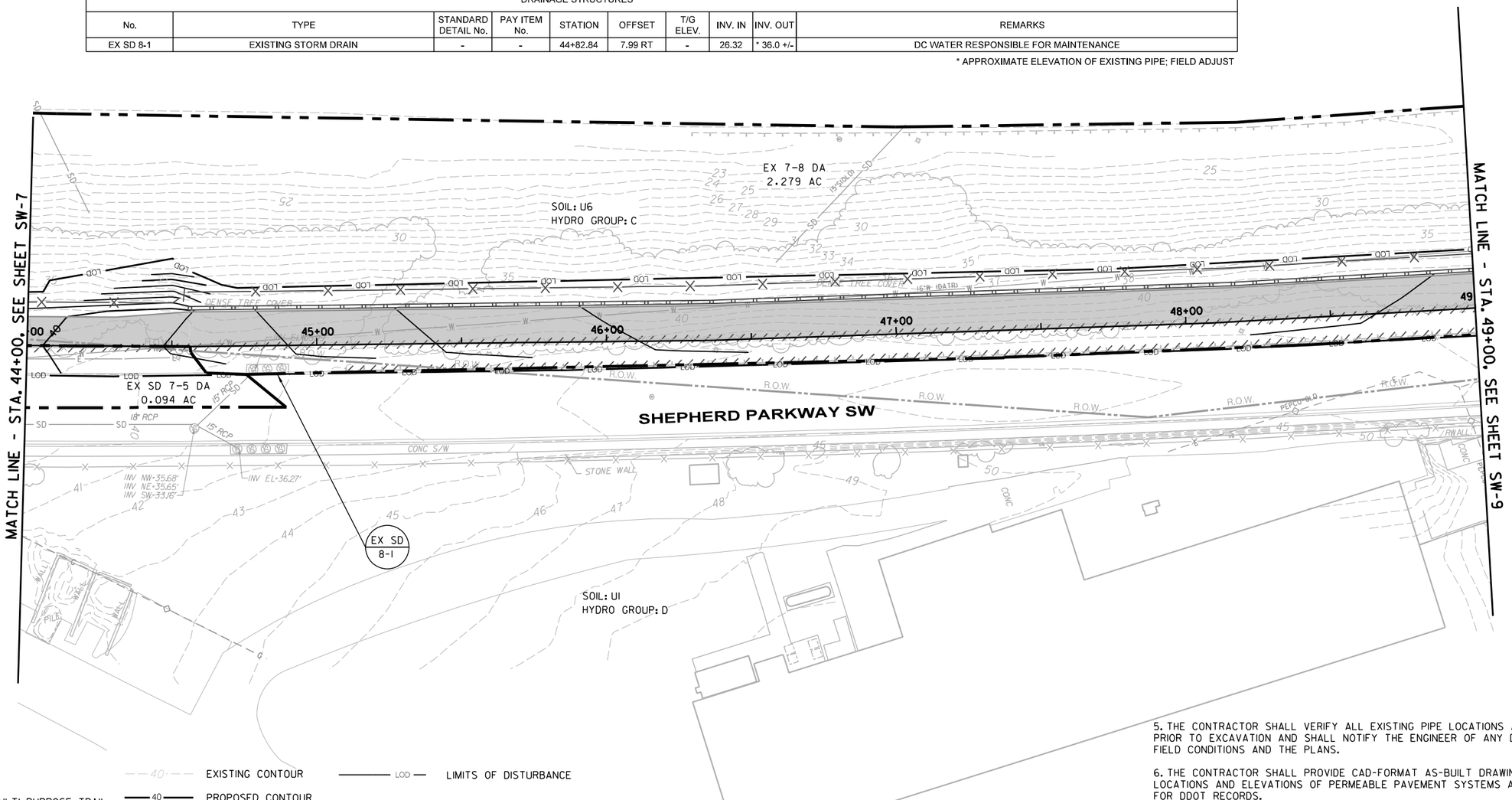
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	159	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 8-1	EXISTING STORM DRAIN	-	-	44+82.84	7.99 RT	-	26.32	* 36.0 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- 40 — EXISTING CONTOUR
- 40 — PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- R.O.W. — EXISTING ROW
- LOD — LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- MH — PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.

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8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · BRANDY R. ALLISON · PE905849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-8

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE

SHEET 159 OF 576

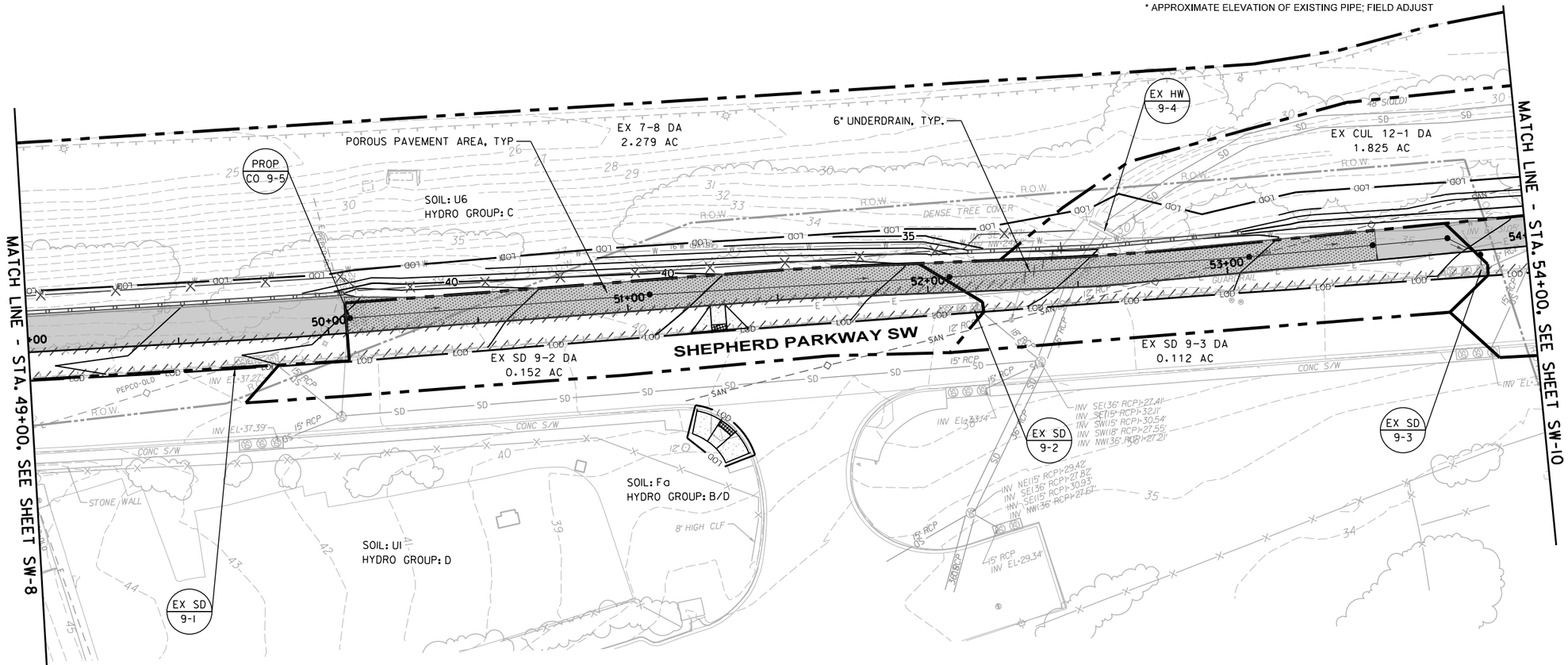
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	160	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 9-1	EXISTING STORM DRAIN	-	-	49+75.52	7.25 RT	-	-	*37.3 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 9-2	EXISTING STORM DRAIN	-	-	52+10.93	5.51 RT	-		*33.3 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 9-3	EXISTING STORM DRAIN	-	-	53+79.29	6.24 RT	-	32.97	* 31.1+/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
EX HW 9-4	EXISTING HEADWALL	-	-	52+60.73	18.02 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP CO 9-5	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	50+07.51	4.90 LT		-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST



PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CO 9-5	EX SD 9-3	6" UNDERDRAIN	601004	382'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVAL

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.
2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.
3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.
4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.
6. THE CONTRACTOR SHALL PROVIDE CAD-FORMAT AS-BUILT DRAWINGS DOCUMENTING FINAL LOCATIONS AND ELEVATIONS OF PERMEABLE PAVEMENT SYSTEMS AND BIORETENTION PLANTERS FOR DDOT RECORDS.
7. ALL UNDERDRAIN CONNECTIONS TO EXISTING STRUCTURES SHALL COMPLY WITH DC WATER GREEN INFRASTRUCTURE STANDARD DETAIL - WATER AND SEWER CLEARANCES FOR UNDERDRAINS ADJACENT TO CATCH BASIN, SEE SHEET SD-04.
8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — JEREMY R. ALLISON — PE905846 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-9

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 160 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	161	576

NOTES:
1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

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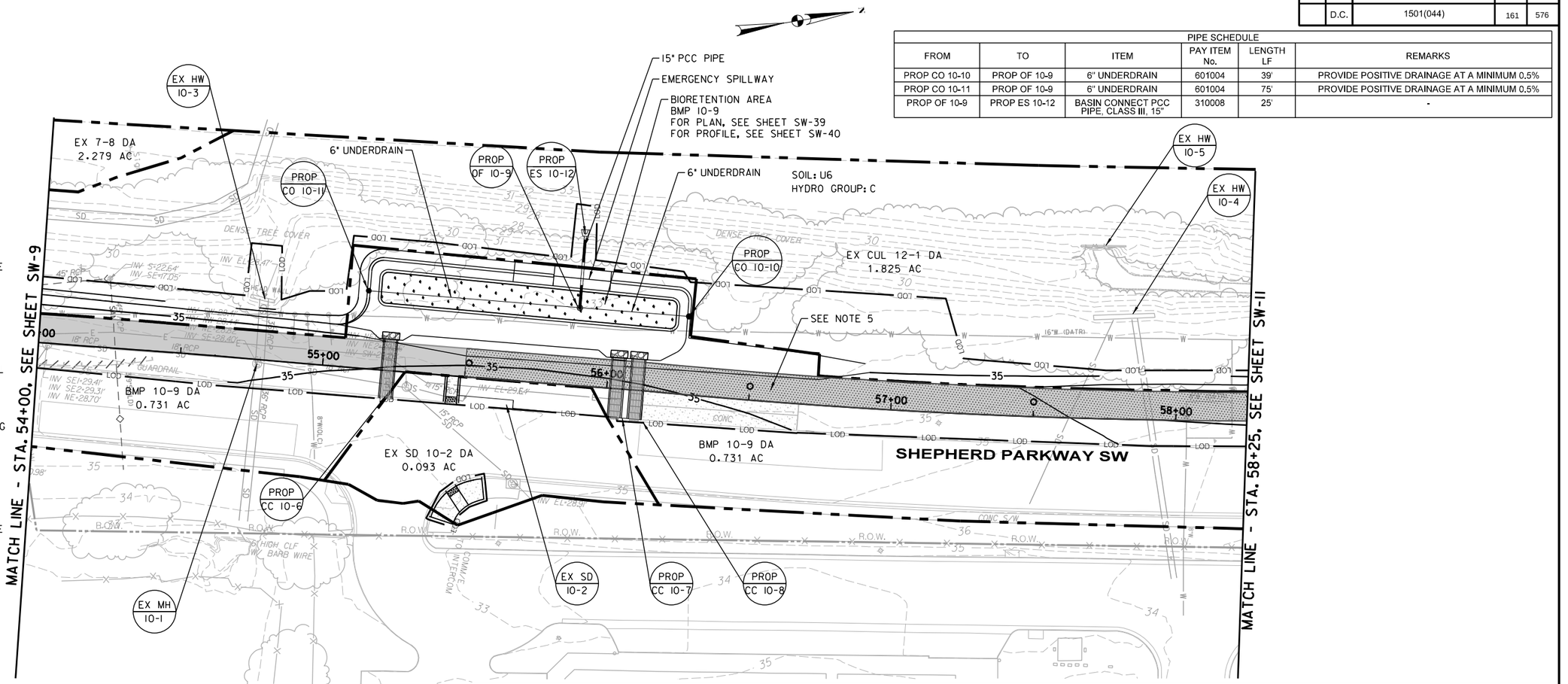


PIPE SCHEDULE

FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CO 10-10	PROP OF 10-9	6" UNDERDRAIN	601004	39'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%
PROP CO 10-11	PROP OF 10-9	6" UNDERDRAIN	601004	75'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%
PROP OF 10-9	PROP ES 10-12	BASIN CONNECT PCC PIPE, CLASS III, 15"	310008	25'	-

DRAINAGE STRUCTURES

No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV.IN	INV. OUT	REMARKS
EX MH 10-1	EXISTING MANHOLE	-	-	57+77.05	1.44 RT	35.00	28.82	28.44	28.40	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 10-2	EXISTING STORM DRAIN	-	-	55+57.80	8.12 RT	-	-	-	29.6 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX HW 10-3	EXISTING HEADWALL	-	-	24+77.08	21.35 LT	-	-	-	28.5 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX HW 10-4	EXISTING HEADWALL	-	-	57+81.14	36.06 LT	-	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX HW 10-5	EXISTING HEADWALL	-	-	57+73.14	60.56 LT	-	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP CC 10-6	CURB CUT METAL TRENCH DRAIN COVER-1	621.43	327018	55+22.96	9.13 RT	-	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; INSTALL CURB CUT WITH
PROP CC 10-7	CURB CUT METAL TRENCH DRAIN COVER-1	621.43	327018	56+06.51	10.11 RT	-	-	-	-	CURB OPENING OF 48 INCHES WITH SOLID LID, SPLASH PAD-1 PER
PROP CC 10-8	CURB CUT METAL TRENCH DRAIN COVER-1	621.43	327018	56+13.60	10.15 RT	-	-	-	-	DDOT STD 621.41 & 621.43
PROP OF 10-9	24-INCH OVERFLOW RISER WITH BEEHIVE GRATE	621.50	310028	55+88.44	30.00 LT	-	29.52	29.50	28.77	DDOT RESPONSIBLE FOR MAINTENANCE
PROP CO 10-10	CLEAN OUT IN BIORETENTION	621.51	316993	56+26.57	30.00 LT	-	-	-	29.89	DDOT RESPONSIBLE FOR MAINTENANCE
PROP CO 10-11	CLEAN OUT IN BIORETENTION	621.51	316993	55+13.97	30.00 LT	-	-	-	29.89	DDOT RESPONSIBLE FOR MAINTENANCE
PROP ES 10-12	FLARED END SECTION	314.01	314101	55+88.40	53.25 LT	-	-	-	28.5	DDOT RESPONSIBLE FOR MAINTENANCE

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BRIANY R. ALLISTON — PE905849 — 03/17/2020 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SW-10

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 161 OF 576

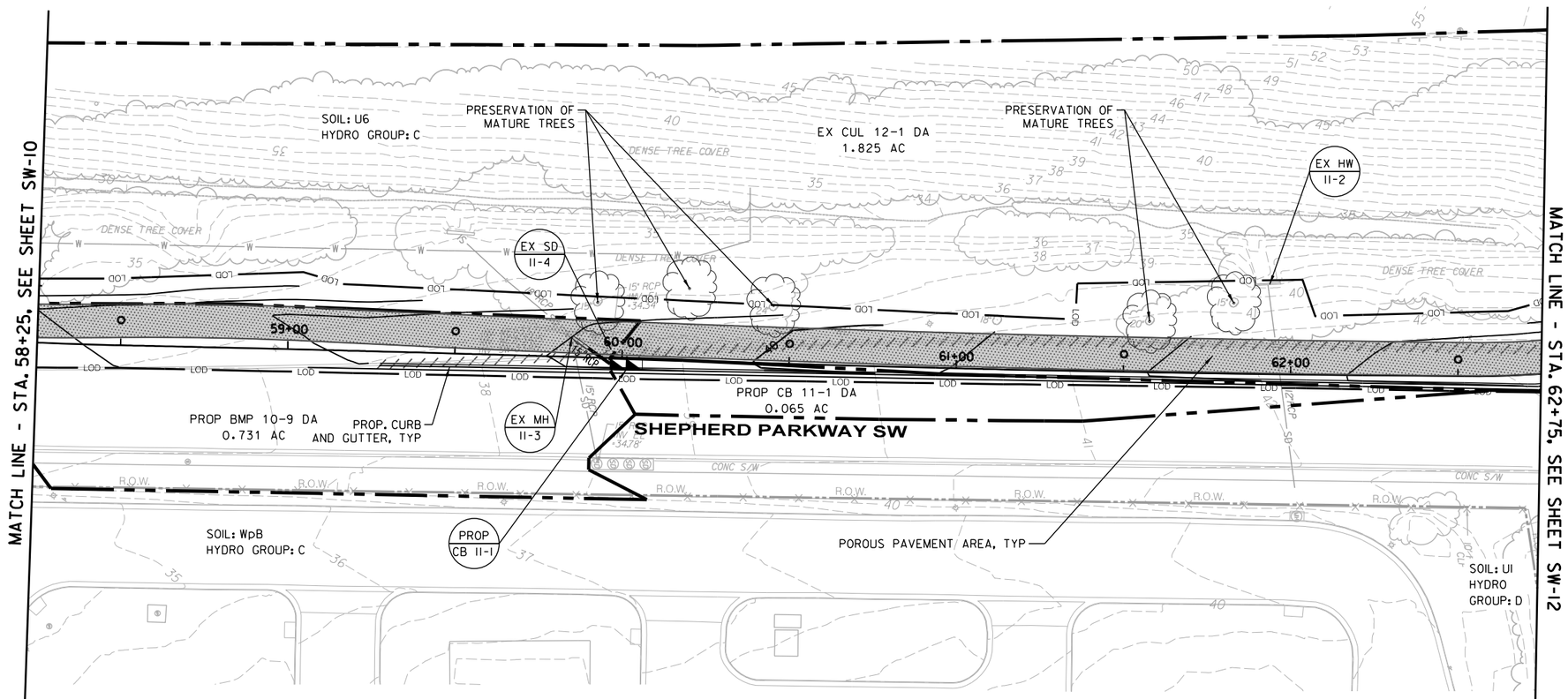
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	162	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
PROP CB 11-1	STANDARD DOUBLE CATCH BASIN	S-30.03	310004	60+01.32	3.44 RT	39.47	-	34.47	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT 15" RCP
EX HW 11-2	EXISTING HEADWALL	-	-	61+92.76	26.95 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX MH 11-3	EXISTING MANHOLE	-	-	59+84.95	6.01 LT	39.00	34.15	* 33.6 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; ADJUST LID TO FINISHED GRADE
EX SD 11-4	EXISTING WATER QUALITY BASIN	-	-	59+98.52	2.84 LT	-	-	-	ABANDON STRUCTURE AND PIPE

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST



NOTES:

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8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

PIPE SCHEDULE				
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF
PROP CB 11-1	EX MH 11-3	BASIN CONNECT PCC PIPE, CLASS III, 15"	310008	14'

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
BRIANY R. ALLISON
PE905849
03/17/2026
PROFESSIONAL ENGINEER
CIVIL

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SW-11

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 162 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	163	576

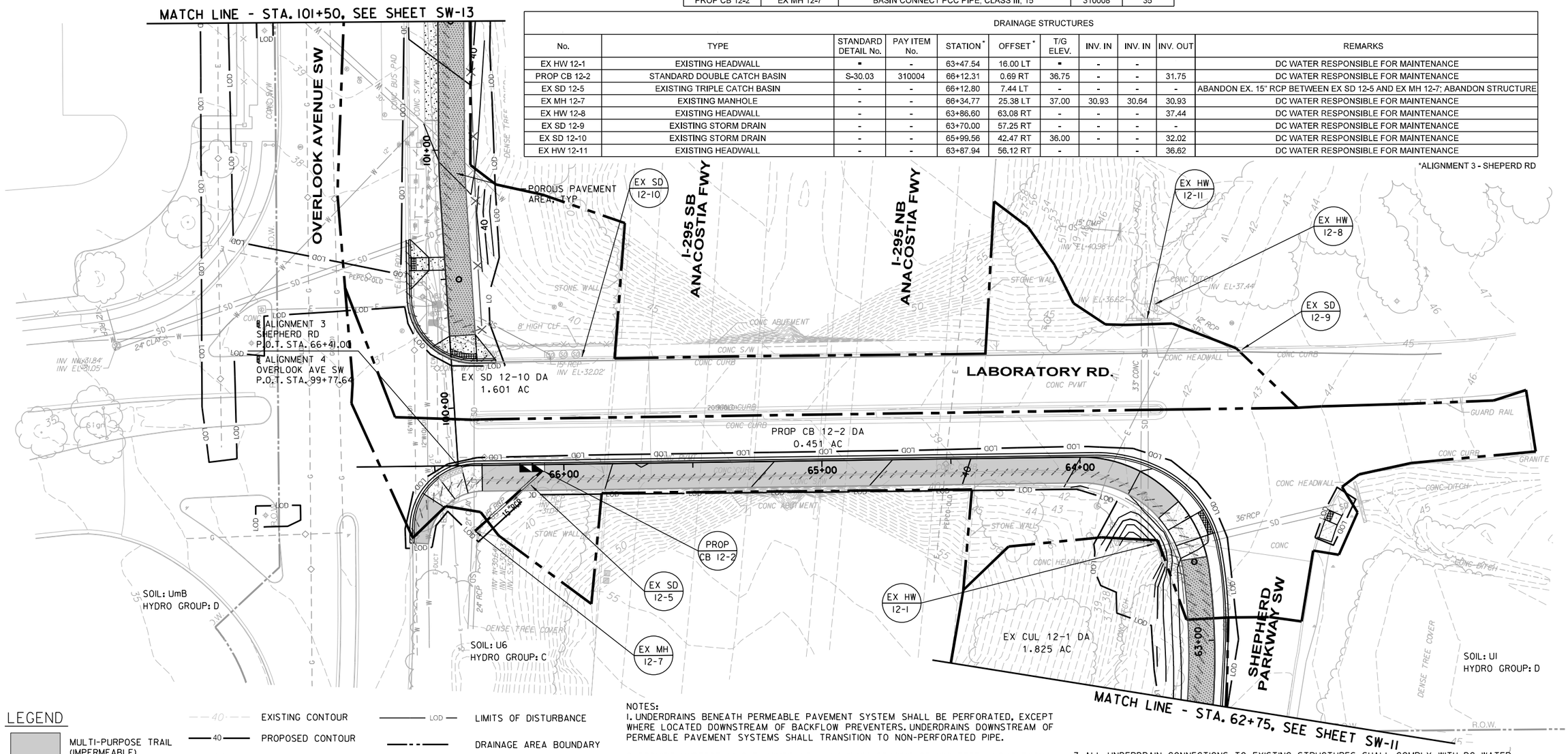
PIPE SCHEDULE

FROM	TO	ITEM	PAY ITEM No.	LENGTH LF
PROP CB 12-2	EX MH 12-7	BASIN CONNECT PCC PIPE, CLASS III, 15"	310008	35'

DRAINAGE STRUCTURES

No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION*	OFFSET*	T/G ELEV.	INV. IN	INV. IN	INV. OUT	REMARKS
EX HW 12-1	EXISTING HEADWALL	-	-	63+47.54	16.00 LT	-	-	-		DC WATER RESPONSIBLE FOR MAINTENANCE
PROP CB 12-2	STANDARD DOUBLE CATCH BASIN	S-30.03	310004	66+12.31	0.69 RT	36.75	-	-	31.75	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 12-5	EXISTING TRIPLE CATCH BASIN	-	-	66+12.80	7.44 LT	-	-	-	-	ABANDON EX. 15" RCP BETWEEN EX SD 12-5 AND EX MH 12-7; ABANDON STRUCTURE
EX MH 12-7	EXISTING MANHOLE	-	-	66+34.77	25.38 LT	37.00	30.93	30.64	30.93	DC WATER RESPONSIBLE FOR MAINTENANCE
EX HW 12-8	EXISTING HEADWALL	-	-	63+86.60	63.08 RT	-	-	-	37.44	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 12-9	EXISTING STORM DRAIN	-	-	63+70.00	57.25 RT	-	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 12-10	EXISTING STORM DRAIN	-	-	65+99.56	42.47 RT	36.00	-	-	32.02	DC WATER RESPONSIBLE FOR MAINTENANCE
EX HW 12-11	EXISTING HEADWALL	-	-	63+87.94	56.12 RT	-		-	36.62	DC WATER RESPONSIBLE FOR MAINTENANCE

*ALIGNMENT 3 - SHEPERD RD



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
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NOTES:

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20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — DELANY R. ALLISON — PE906849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-12

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 163 OF 576

$DATE$
$FILE$

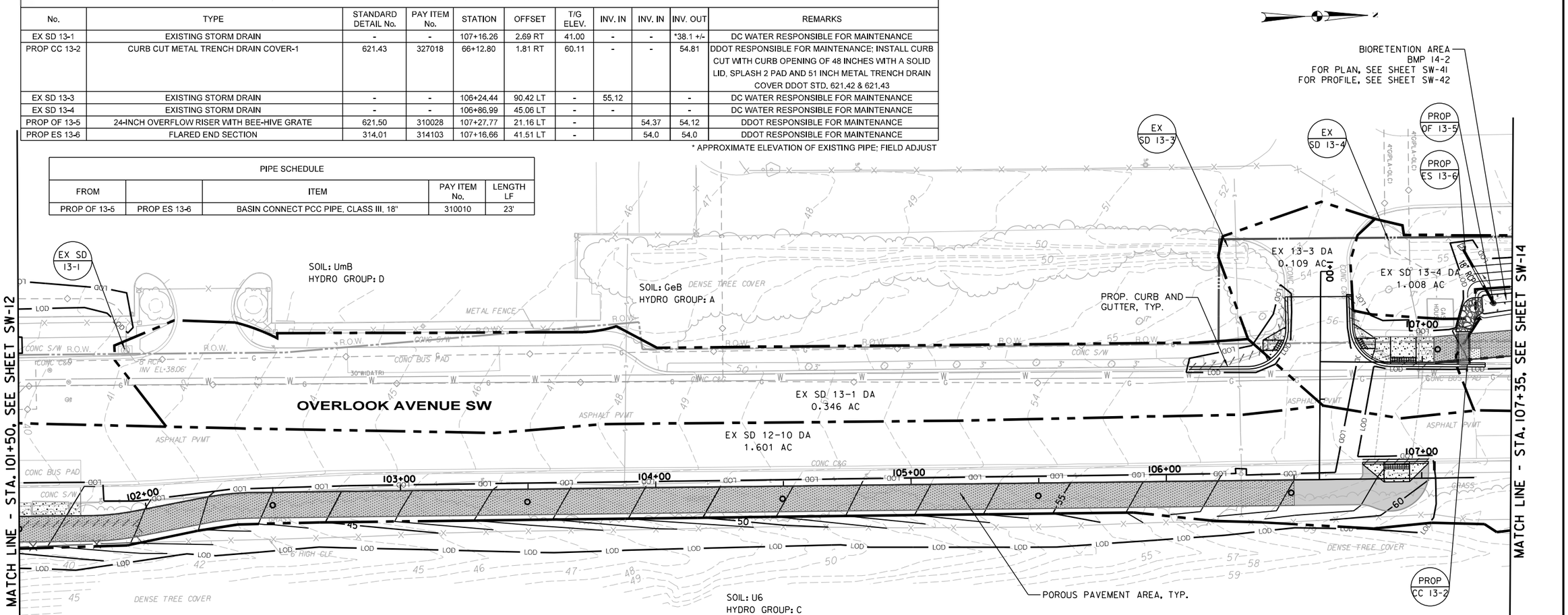
DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	164	576

DRAINAGE STRUCTURES										
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. IN	INV. OUT	REMARKS
EX SD 13-1	EXISTING STORM DRAIN	-	-	107+16.26	2.69 RT	41.00	-	-	*38.1 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP CC 13-2	CURB CUT METAL TRENCH DRAIN COVER-1	621.43	327018	66+12.80	1.81 RT	60.11	-	-	54.81	DDOT RESPONSIBLE FOR MAINTENANCE; INSTALL CURB CUT WITH CURB OPENING OF 48 INCHES WITH A SOLID LID, SPLASH 2 PAD AND 51 INCH METAL TRENCH DRAIN COVER DDOT STD. 621.42 & 621.43
EX SD 13-3	EXISTING STORM DRAIN	-	-	106+24.44	90.42 LT	-	55.12		-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 13-4	EXISTING STORM DRAIN	-	-	106+86.99	45.06 LT	-	-		-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP OF 13-5	24-INCH OVERFLOW RISER WITH BEE-HIVE GRATE	621.50	310028	107+27.77	21.16 LT	-		54.37	54.12	DDOT RESPONSIBLE FOR MAINTENANCE
PROP ES 13-6	FLARED END SECTION	314.01	314103	107+16.66	41.51 LT	-		54.0	54.0	DDOT RESPONSIBLE FOR MAINTENANCE

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST

PIPE SCHEDULE				
FROM		ITEM	PAY ITEM No.	LENGTH LF
PROP OF 13-5	PROP ES 13-6	BASIN CONNECT PCC PIPE, CLASS III, 18"	310010	23'



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
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- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

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20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — MELANY R. ALLISON — PE906849 — 03/12/2025 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SW-13

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE
FILE
SHEET 164 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

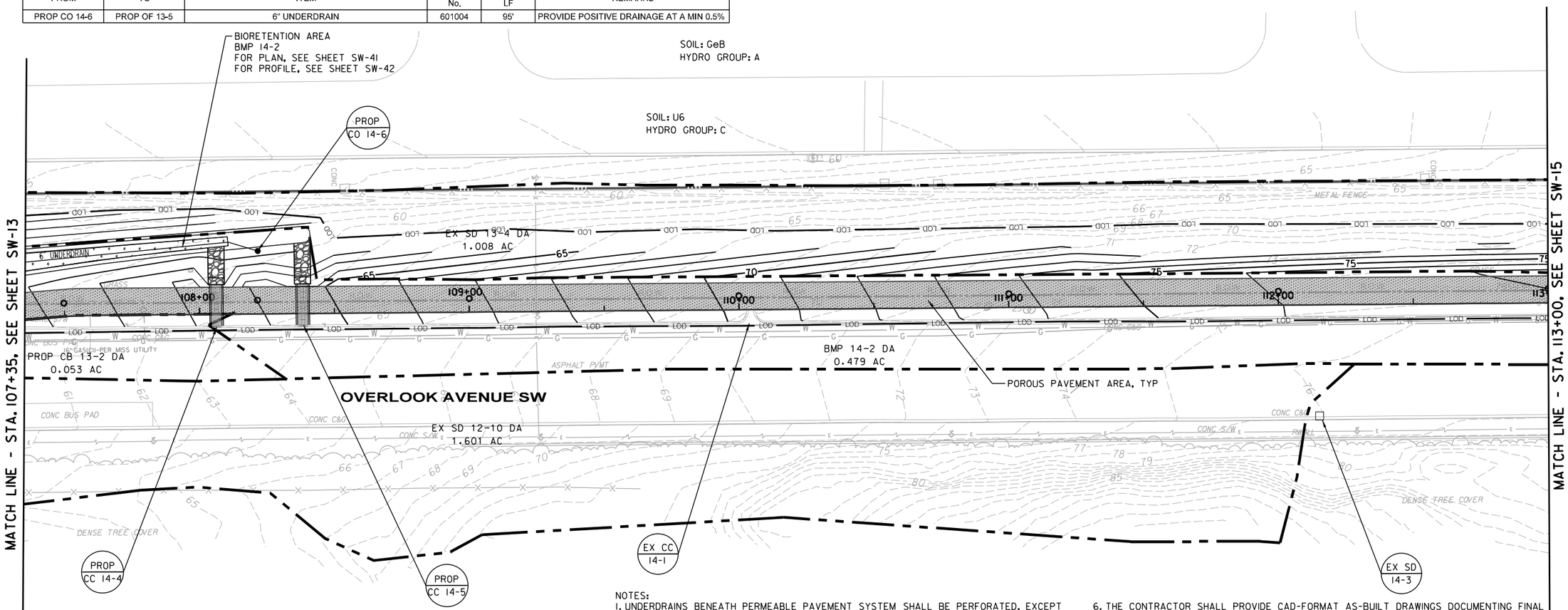
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	165	576

DRAINAGE STRUCTURES

No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
PROP CC 14-4	CURB CUT METAL TRENCH DRAIN COVER-1	621.43	327018	108+06.27	5.01 RT	62.64	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; INSTALL CURB CUT WITH CURB OPENING OF 48 INCHES
PROP CC 14-5	CURB CUT METAL TRENCH DRAIN COVER-1	621.43	327018	108+38.27	4.98 RT	63.80	-	-	WITH A SOLID LID, SPLASH 2 PAD AND 51 INCH METAL TRENCH DRAIN COVER, DDOT STD. 621.42 & 621.43
PROP CO 14-6	CLEAN OUT IN BIORETENTION	621.51	316993	108+21.75	23.31 LT	-	-	55.60	DDOT RESPONSIBLE FOR MAINTENANCE
EX CC 14-1	EXISTING CURB CUT	-	-	110+04.70	4.94 RT	69.71	-	-	REMOVE EXISTING CURB CUT
EX SD 14-3	EXISTING STORM DRAIN	-	-	112+14.94	41.19 LT	76.00	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE

PIPE SCHEDULE

FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CO 14-6	PROP OF 13-5	6" UNDERDRAIN	601004	95'	PROVIDE POSITIVE DRAINAGE AT A MIN 0.5%



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.
2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.
3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.
4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.
6. THE CONTRACTOR SHALL PROVIDE CAD-FORMAT AS-BUILT DRAWINGS DOCUMENTING FINAL LOCATIONS AND ELEVATIONS OF PERMEABLE PAVEMENT SYSTEMS AND BIORETENTION PLANTERS FOR DDOT RECORDS.
7. ALL UNDERDRAIN CONNECTIONS TO EXISTING STRUCTURES SHALL COMPLY WITH DC WATER GREEN INFRASTRUCTURE STANDARD DETAIL - WATER AND SEWER CLEARANCES FOR UNDERDRAINS ADJACENT TO CATCH BASIN, SEE SHEET SD-04.
8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — MELANY R. ALLISON — PE906849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-14

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE
SHEET 165 OF 576

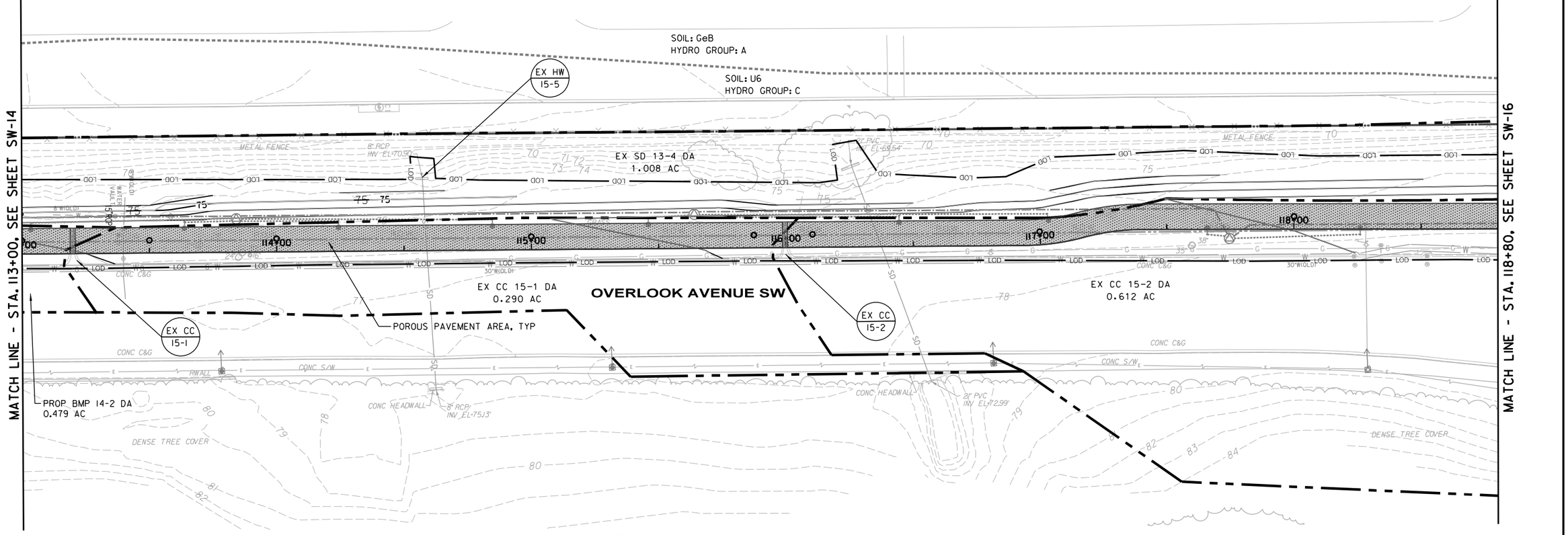
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	166	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX CC 15-1	EXISTING CURB CUT	-	-	113+19.98	4.97 RT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE; REMOVE EXISTING CURB CUT.
EX CC 15-2	EXISTING CURB CUT	-	-	116+00.07	4.67 RT	-	-	-	INSTALL CURB CUT WITH METAL TRENCH DRAIN COVER, DDOT STD. 621.43
EX HW 15-5	EXISTING HEADWALL	-	-	14+57.04	28.28 LT	-	-	*70.9+/-	DC WATER RESPONSIBLE FOR MAINTENANCE

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- 40 — EXISTING CONTOUR
- 40 — PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- R.O.W. — EXISTING ROW
- LOD — LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- MH — PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.

3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.

4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.

5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.

6. THE CONTRACTOR SHALL PROVIDE CAD-FORMAT AS-BUILT DRAWINGS DOCUMENTING FINAL LOCATIONS AND ELEVATIONS OF PERMEABLE PAVEMENT SYSTEMS AND BIORETENTION PLANTERS FOR DDOT RECORDS.

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8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — MELANY R. ALLISON — PE905846 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-15

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 166 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	167	576

NOTES:

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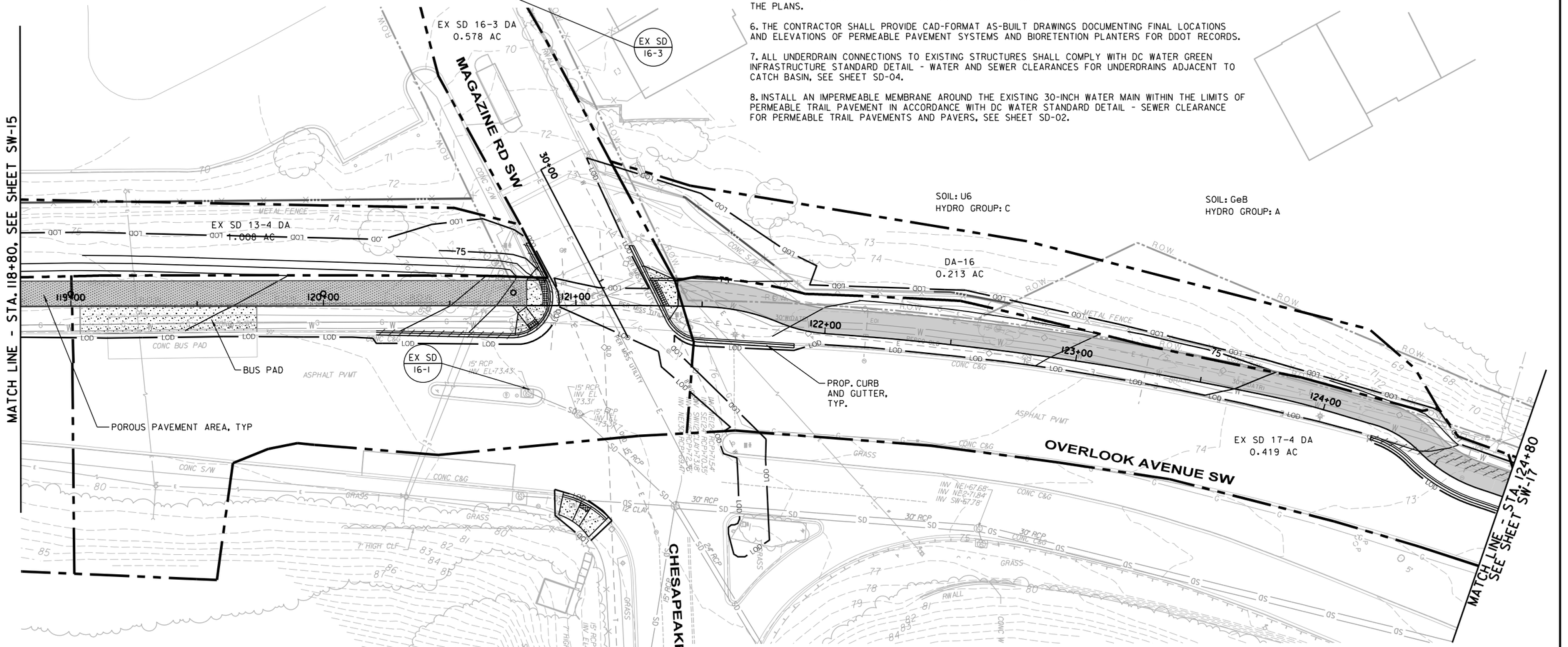

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
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- MH PROPOSED MAINTENANCE HOLE
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DRAINAGE STRUCTURES

No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 16-1	EXISTING STORM DRAIN	-	-	120+80.75	34.71 RT	-	-	*73.4 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
BRANY R. ALLISON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SW-16

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 167 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	168	576

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

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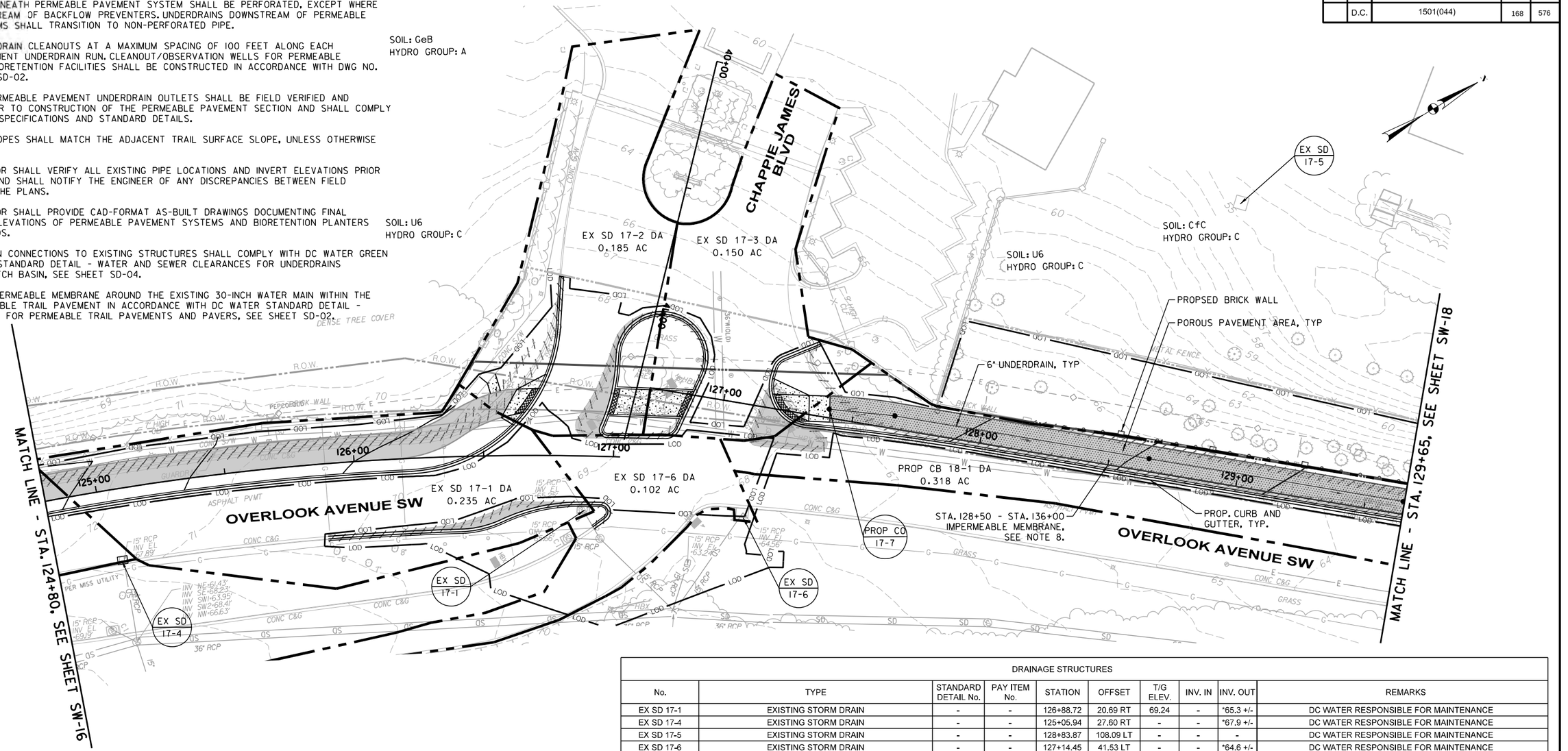

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 17-1	EXISTING STORM DRAIN	-	-	126+88.72	20.69 RT	69.24	-	*65.3 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 17-4	EXISTING STORM DRAIN	-	-	125+05.94	27.60 RT	-	-	*67.9 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 17-5	EXISTING STORM DRAIN	-	-	128+83.87	108.09 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 17-6	EXISTING STORM DRAIN	-	-	127+14.45	41.53 LT	-	-	*64.6 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP CO 17-7	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	127+40.59	3.34 LT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN

PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CO 17-7	PROP CB 18-1	6" UNDERDRAIN	601004	440'	PROVIDE POSITIVE DRAINAGE AT A MIN 0.5%; SET CO AT 100' MAX INTERVALS

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- R.O.W. EXISTING ROW
- LOD LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- MH PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · JEREMY R. ALLISON · PE905849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-17

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
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FILE
SHEET 168 OF 576

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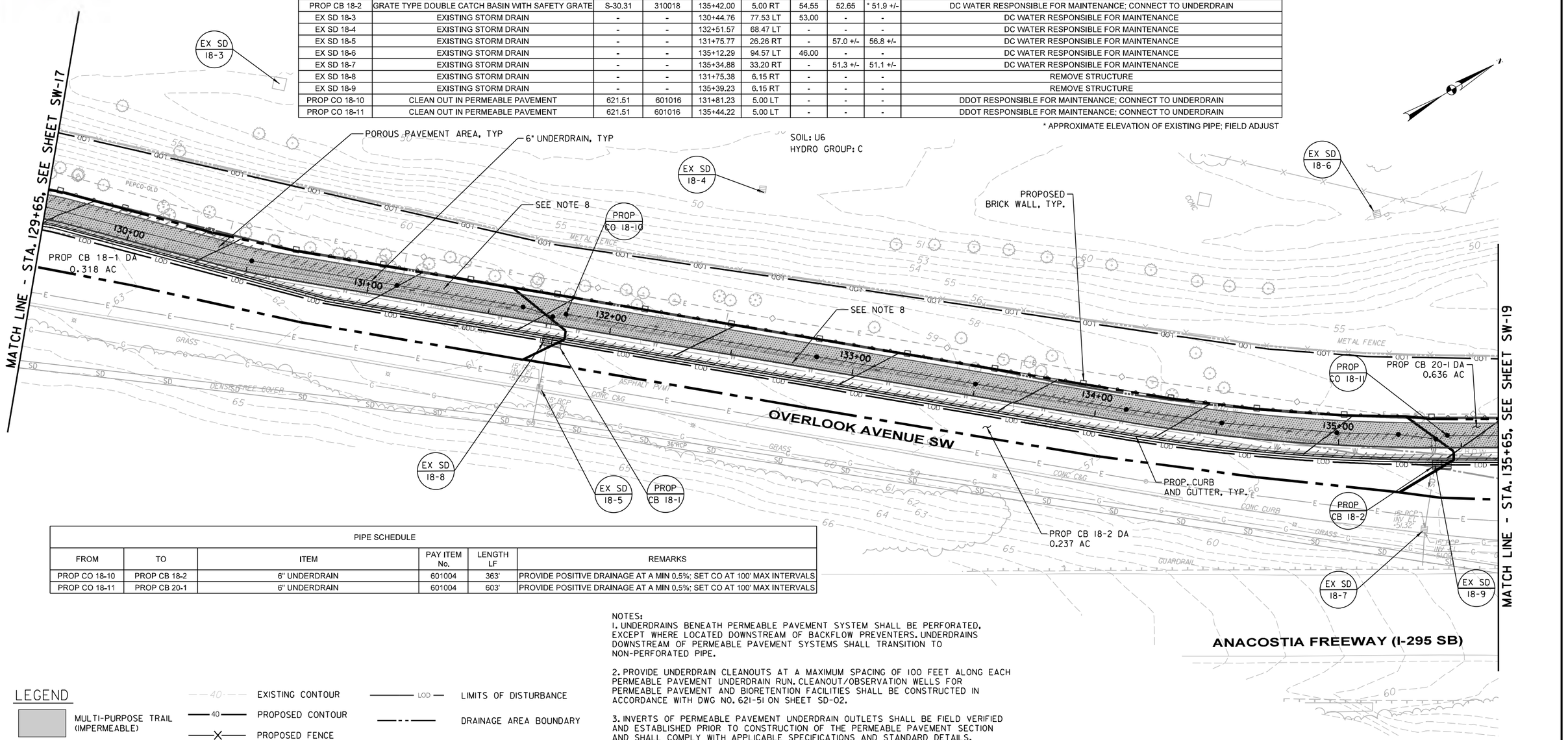
DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	169	576

DRAINAGE STRUCTURES

No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
PROP CB 18-1	GRATE TYPE DOUBLE CATCH BASIN WITH SAFETY GRATE	S-30.31	310018	131+77.40	5.18 RT	60.29	57.90	* 57.4 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CB 18-2	GRATE TYPE DOUBLE CATCH BASIN WITH SAFETY GRATE	S-30.31	310018	135+42.00	5.00 RT	54.55	52.65	* 51.9 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
EX SD 18-3	EXISTING STORM DRAIN	-	-	130+44.76	77.53 LT	53.00	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 18-4	EXISTING STORM DRAIN	-	-	132+51.57	68.47 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 18-5	EXISTING STORM DRAIN	-	-	131+75.77	26.26 RT	-	57.0 +/-	56.8 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 18-6	EXISTING STORM DRAIN	-	-	135+12.29	94.57 LT	46.00	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 18-7	EXISTING STORM DRAIN	-	-	135+34.88	33.20 RT	-	51.3 +/-	51.1 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 18-8	EXISTING STORM DRAIN	-	-	131+75.38	6.15 RT	-	-	-	REMOVE STRUCTURE
EX SD 18-9	EXISTING STORM DRAIN	-	-	135+39.23	6.15 RT	-	-	-	REMOVE STRUCTURE
PROP CO 18-10	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	131+81.23	5.00 LT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CO 18-11	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	135+44.22	5.00 LT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST



PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CO 18-10	PROP CB 18-2	6" UNDERDRAIN	601004	363'	PROVIDE POSITIVE DRAINAGE AT A MIN 0.5%; SET CO AT 100' MAX INTERVALS
PROP CO 18-11	PROP CB 20-1	6" UNDERDRAIN	601004	603'	PROVIDE POSITIVE DRAINAGE AT A MIN 0.5%; SET CO AT 100' MAX INTERVALS

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- R.O.W. EXISTING ROW
- LOD LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- MH PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.
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4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.
6. THE CONTRACTOR SHALL PROVIDE CAD-FORMAT AS-BUILT DRAWINGS DOCUMENTING FINAL LOCATIONS AND ELEVATIONS OF PERMEABLE PAVEMENT SYSTEMS AND BIORETENTION PLANTERS FOR DDOT RECORDS.
7. ALL UNDERDRAIN CONNECTIONS TO EXISTING STRUCTURES SHALL COMPLY WITH DC WATER GREEN INFRASTRUCTURE STANDARD DETAIL - WATER AND SEWER CLEARANCES FOR UNDERDRAINS ADJACENT TO CATCH BASIN, SEE SHEET SD-04.
8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BRIANT R. ALLISON — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-18

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

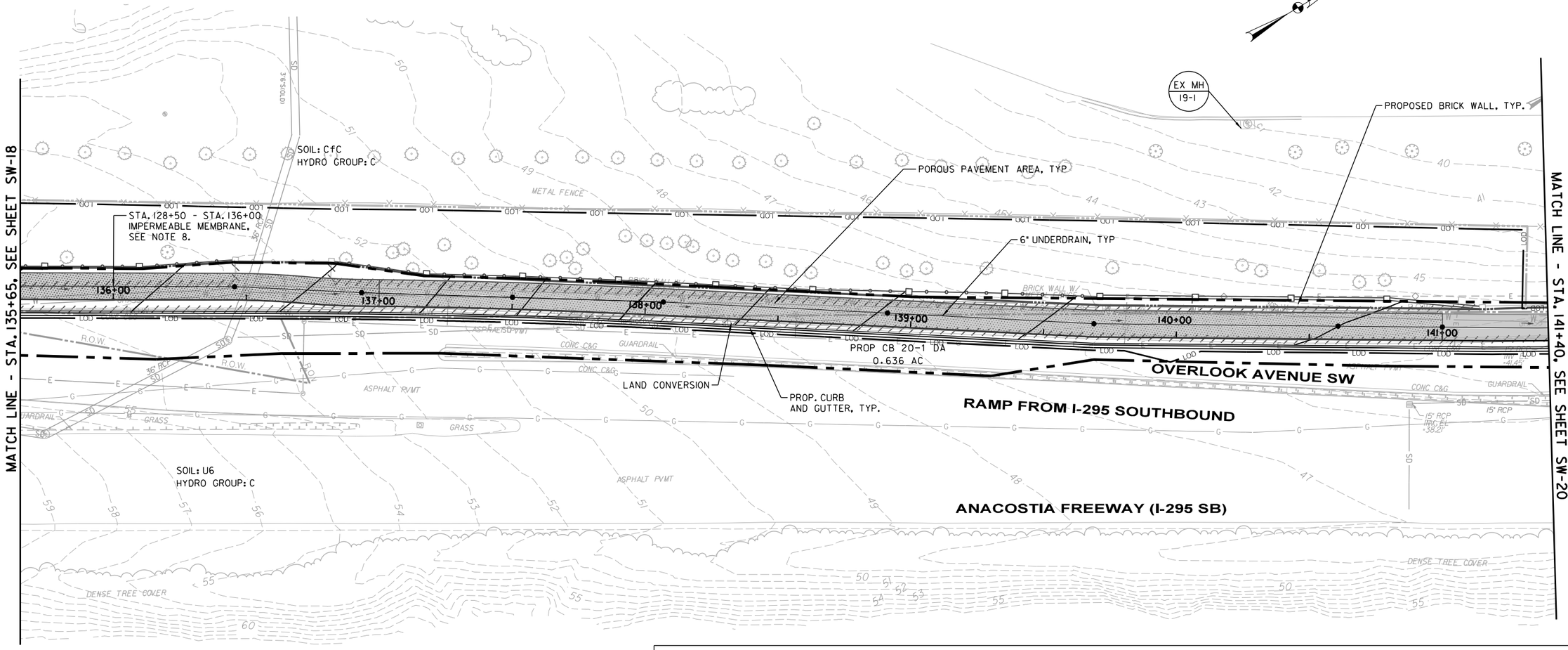
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 169 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	170	576



DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX MH 19-1	EXISTING MANHOLE	-	-	140+26.02	80.67 LT	40.00	-	X	DC WATER RESPONSIBLE FOR MAINTENANCE

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.

3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.

4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.

5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.

6. THE CONTRACTOR SHALL PROVIDE CAD-FORMAT AS-BUILT DRAWINGS DOCUMENTING FINAL LOCATIONS AND ELEVATIONS OF PERMEABLE PAVEMENT SYSTEMS AND BIORETENTION PLANTERS FOR DDOT RECORDS.

7. ALL UNDERDRAIN CONNECTIONS TO EXISTING STRUCTURES SHALL COMPLY WITH DC WATER GREEN INFRASTRUCTURE STANDARD DETAIL - WATER AND SEWER CLEARANCES FOR UNDERDRAINS ADJACENT TO CATCH BASIN, SEE SHEET SD-04.

8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · DELANY R. ALLEN · PE906849 · 03/12/2025 · CIVIL · PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-19

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 170 OF 576

$DATE$
$FILE$

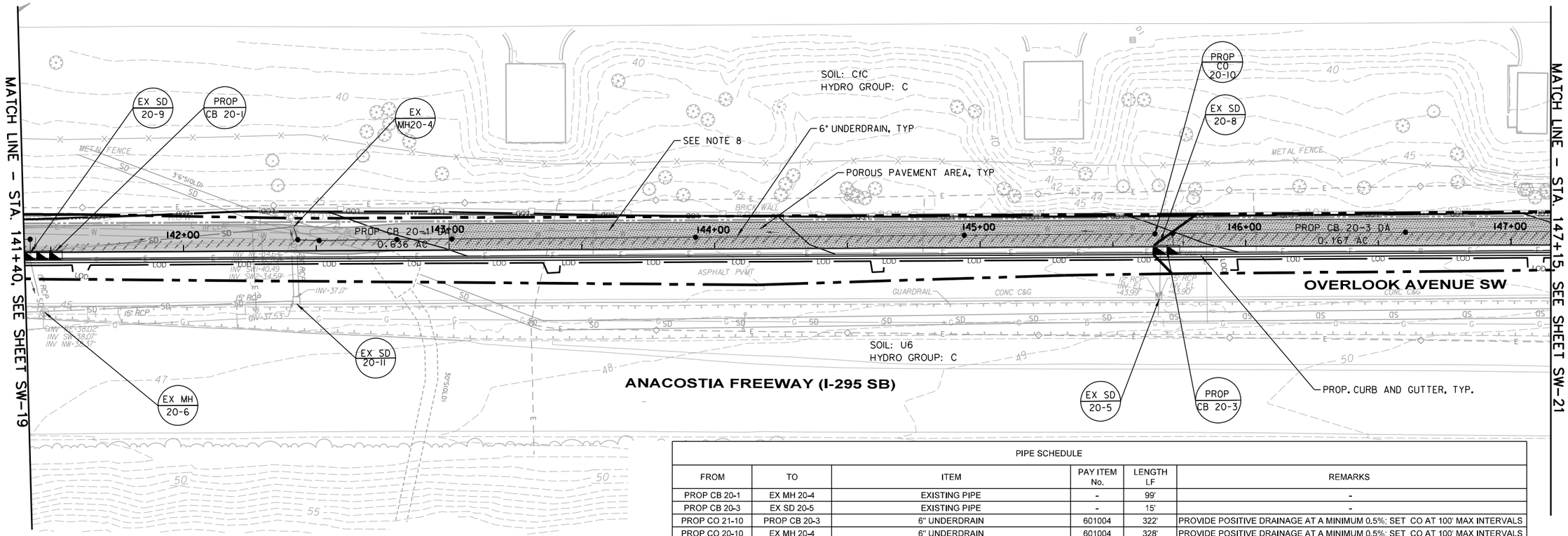
DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	171	576

DRAINAGE STRUCTURES

No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. IN	INV. OUT	REMARKS
PROP CB 20-1	STANDARD TRIPLE CATCH BASIN	S-30.03	310004	141+44.63	3.00 RT	45.29	-	42.38	*41.2 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN; CONNECT TO EXISTING PIPE
PROP CB 20-3	STANDARD DOUBLE CATCH BASIN	S-30.03	310004	145+70.33	2.91 RT	47.84	-	46.06	*44.4 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN; CONNECT TO EXISTING PIPE
EX MH 20-4	EXISTING MANHOLE	-	-	142+41.50	8.97 LT	45.80	-	43.1 +/-	34.6 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN, ADJUST LID TO FINISHED GRADE
EX SD 20-5	EXISTING STORM DRAIN	-	-	145+67.33	18.52 RT	-	44.0 +/-	-	43.9 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE;
EX MH 20-6	EXISTING MANHOLE	-	-	141+47.58	22.58 RT	-	*38.4 +/-	-	38.0 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE;
EX SD 20-8	STRUCTURE EXCAVATION EXISTING STORM DRAIN	-	205002	145+67.97	2.05 LT	-	-	-	-	REMOVE EXISTING GRATE INLET
EX SD 20-9	STRUCTURE EXCAVATION EXISTING STORM DRAIN	-	205002	141+41.51	0.21 RT	-	-	-	-	REMOVE EXISTING GRATE INLET
PROP CO 20-10	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	145+65.90	4.86 LT	-	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
EX SD 20-11	EXISTING STORM DRAIN	-	-	142+42.40	17.11 RT	-	37.53	-	37.17	DC WATER RESPONSIBLE FOR MAINTENANCE

*APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST



PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CB 20-1	EX MH 20-4	EXISTING PIPE	-	99'	-
PROP CB 20-3	EX SD 20-5	EXISTING PIPE	-	15'	-
PROP CO 21-10	PROP CB 20-3	6" UNDERDRAIN	601004	322'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS
PROP CO 20-10	EX MH 20-4	6" UNDERDRAIN	601004	328'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS
PROP CB 20-1	EX MH 20-6	EXISTING PIPE		23'	-
EX MH 20-6	EX SD 20-11	EXISTING PIPE		94'	-

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.
2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.
3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.
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8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · BRIANNY R. ALLISON · PE905849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-20

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE

SHEET 171 OF 576

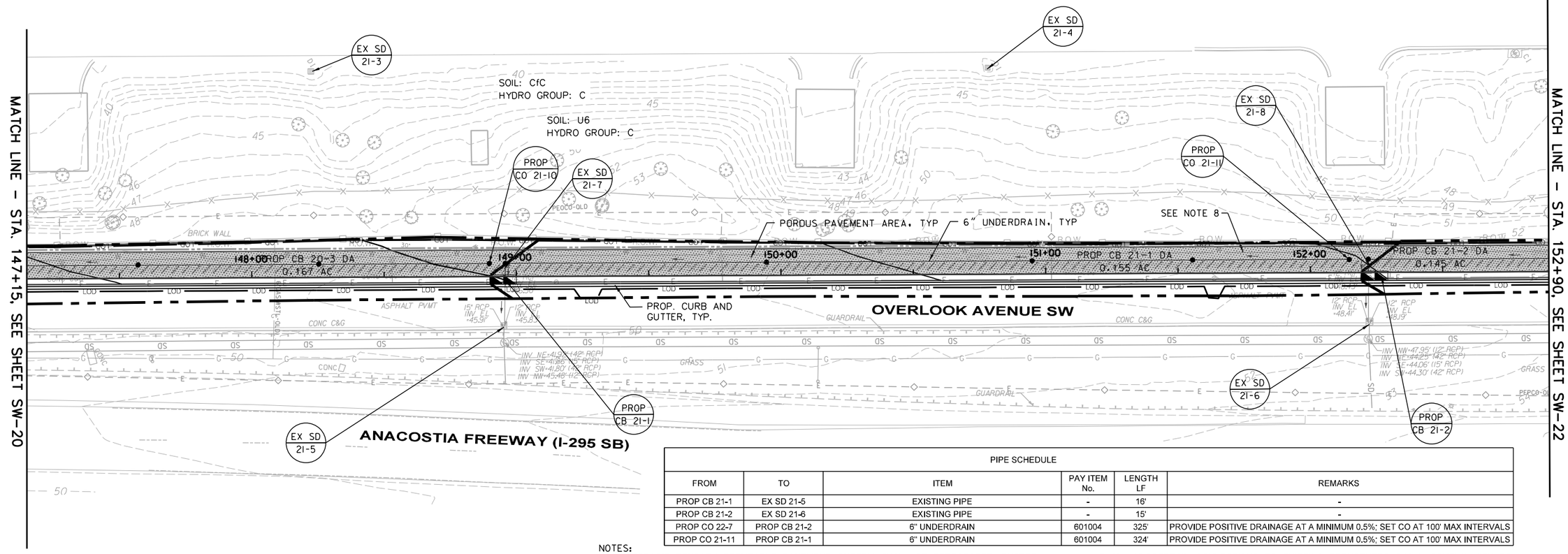
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	172	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
PROP CB 21-1	STANDARD DOUBLE CATCH BASIN	S-30.03	310004	148+95.18	2.84 RT	50.00	48.47	* 46.3 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN; CONNECT TO EXISTING PIPE
PROP CB 21-2	STANDARD DOUBLE CATCH BASIN	S-30.03	310004	152+24.42	3.04 RT	51.95	50.10	* 48.4 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN; CONNECT TO EXISTING PIPE
EX SD 21-3	EXISTING STORM DRAIN	-	-	148+22.73	77.89 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD-21-4	EXISTING STORM DRAIN	-	-	150+78.48	78.02 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 21-5	EXISTING STORM DRAIN	-	-	148+95.30	18.58 RT	-	45.9 +/-	45.8 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 21-6	EXISTING STORM DRAIN	-	-	152+22.36	18.60 RT	-	48.4 +/-	48.2 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 21-7	EXISTING STORM DRAIN	-	-	148+95.52	1.66 LT	-	-	-	ABANDON STRUCTURE
EX SD 21-8	EXISTING STORM DRAIN	-	-	152+22.76	1.90 LT	-	-	-	ABANDON STRUCTURE
PROP CO 21-10	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	148+89.79	4.99 LT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CO 21-11	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	152+14.72	4.92 LT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST



PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CB 21-1	EX SD 21-5	EXISTING PIPE	-	16'	-
PROP CB 21-2	EX SD 21-6	EXISTING PIPE	-	15'	-
PROP CO 22-7	PROP CB 21-2	6" UNDERDRAIN	601004	325'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS
PROP CO 21-11	PROP CB 21-1	6" UNDERDRAIN	601004	324'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.

3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.

4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.

5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.

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7. ALL UNDERDRAIN CONNECTIONS TO EXISTING STRUCTURES SHALL COMPLY WITH DC WATER GREEN INFRASTRUCTURE STANDARD DETAIL - WATER AND SEWER CLEARANCES FOR UNDERDRAINS ADJACENT TO CATCH BASIN, SEE SHEET SD-04.

8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- R.O.W. EXISTING ROW
- LOD LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- MH PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · BRIANY R. ALLISON · PE905849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SW-21

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE

SHEET 172 OF 576

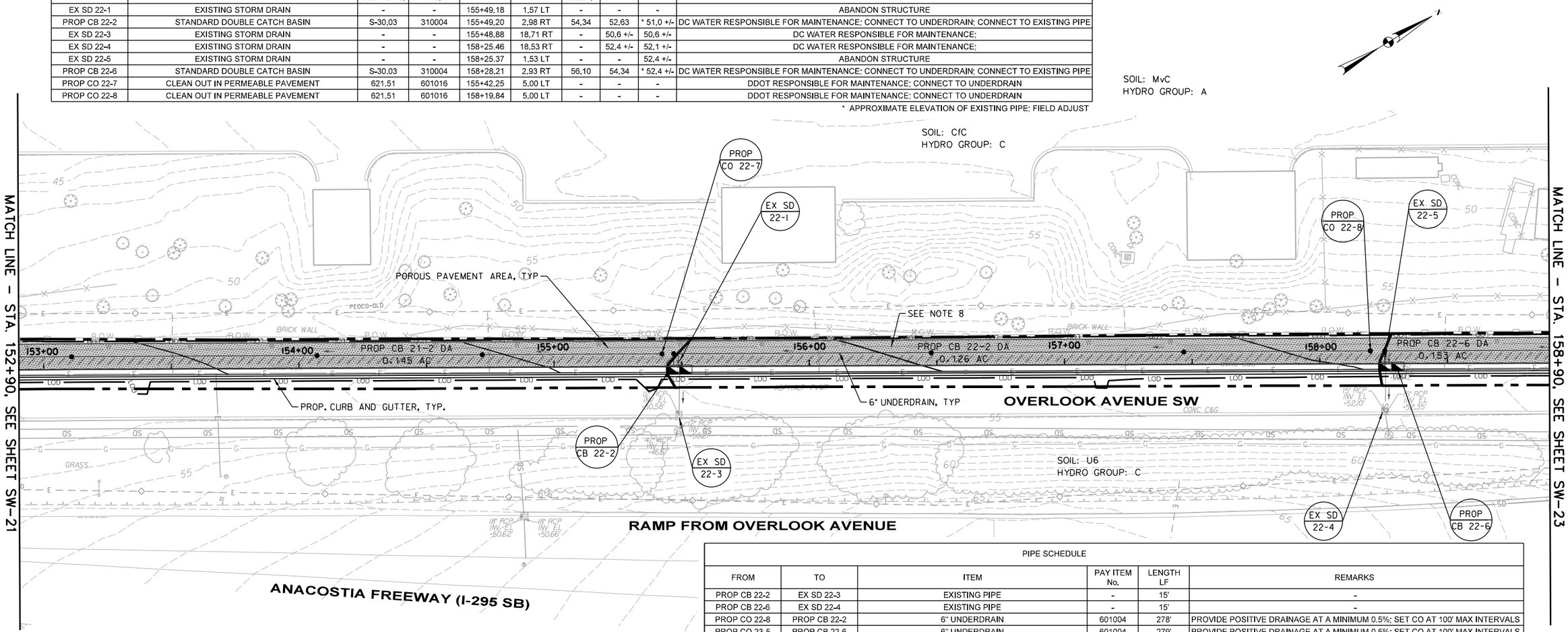
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	173	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 22-1	EXISTING STORM DRAIN	-	-	155+49.18	1.57 LT	-	-	-	ABANDON STRUCTURE
PROP CB 22-2	STANDARD DOUBLE CATCH BASIN	S-30.03	310004	155+49.20	2.98 RT	54.34	52.63	* 51.0 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN; CONNECT TO EXISTING PIPE
EX SD 22-3	EXISTING STORM DRAIN	-	-	155+48.88	18.71 RT	-	50.6 +/-	50.6 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE;
EX SD 22-4	EXISTING STORM DRAIN	-	-	158+25.46	18.53 RT	-	52.4 +/-	52.1 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE;
EX SD 22-5	EXISTING STORM DRAIN	-	-	158+25.37	1.53 LT	-	-	52.4 +/-	ABANDON STRUCTURE
PROP CB 22-6	STANDARD DOUBLE CATCH BASIN	S-30.03	310004	158+28.21	2.93 RT	56.10	54.34	* 52.4 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN; CONNECT TO EXISTING PIPE
PROP CO 22-7	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	155+42.25	5.00 LT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CO 22-8	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	158+19.84	5.00 LT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST



PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CB 22-2	EX SD 22-3	EXISTING PIPE	-	15'	-
PROP CB 22-6	EX SD 22-4	EXISTING PIPE	-	15'	-
PROP CO 22-8	PROP CB 22-2	6" UNDERDRAIN	601004	278'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS
PROP CO 23-5	PROP CB 22-6	6" UNDERDRAIN	601004	279'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- R.O.W. EXISTING ROW
- LOD LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- MH PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

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20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
BRIANNA R. ALLISON
PE905849
03/17/2025
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SW-22

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE

SHEET 173 OF 576

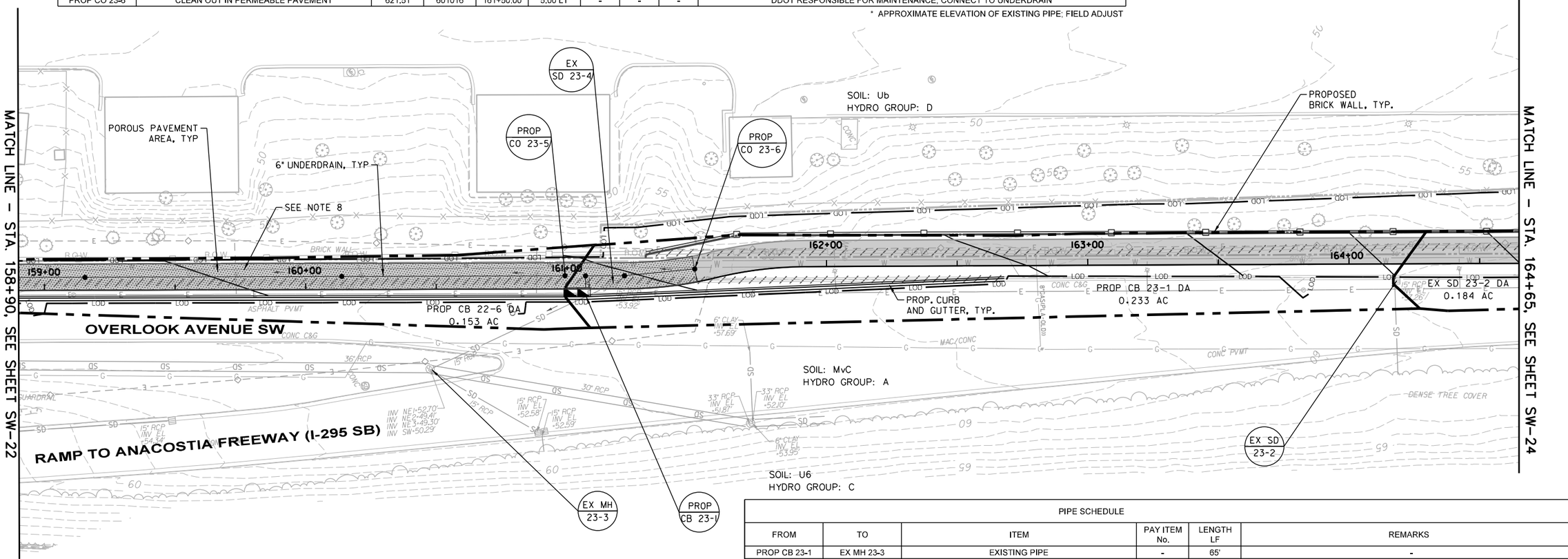
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	174	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
PROP CB 23-1	STANDARD DOUBLE CATCH BASIN	S-30.03	310004	161+04.12	3.00 RT	57.71	55.72	* 53.8 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN; CONNECT TO EXISTING PIPE
EX SD 23-2	EXISTING STORM DRAIN	-	-	164+18.20	6.41 RT	61.00	-	* 57.3 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX MH 23-3	EXISTING MANHOLE	-	-	160+47.60	30.49 RT	-	52.7 +/-	49.3 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 23-4	EXISTING STORM DRAIN	-	-	161+17.73	1.95 LT	-	-	53.9 +/-	ABANDON STRUCTURE
PROP CO 23-5	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	160+99.26	5.05 LT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CO 23-6	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	161+50.00	5.00 LT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST



PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CB 23-1	EX MH 23-3	EXISTING PIPE	-	65'	-
PROP CO 23-6	PROP CB 23-1	6" UNDERDRAIN	601004	47'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.

3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.

4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.

5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.

6. THE CONTRACTOR SHALL PROVIDE CAD-FORMAT AS-BUILT DRAWINGS DOCUMENTING FINAL LOCATIONS AND ELEVATIONS OF PERMEABLE PAVEMENT SYSTEMS AND BIORETENTION PLANTERS FOR DDOT RECORDS.

7. ALL UNDERDRAIN CONNECTIONS TO EXISTING STRUCTURES SHALL COMPLY WITH DC WATER GREEN INFRASTRUCTURE STANDARD DETAIL - WATER AND SEWER CLEARANCES FOR UNDERDRAINS ADJACENT TO CATCH BASIN, SEE SHEET SD-04.

8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · BRIANNY R. ALLIS · PE905849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

SW-23

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 174 OF 576

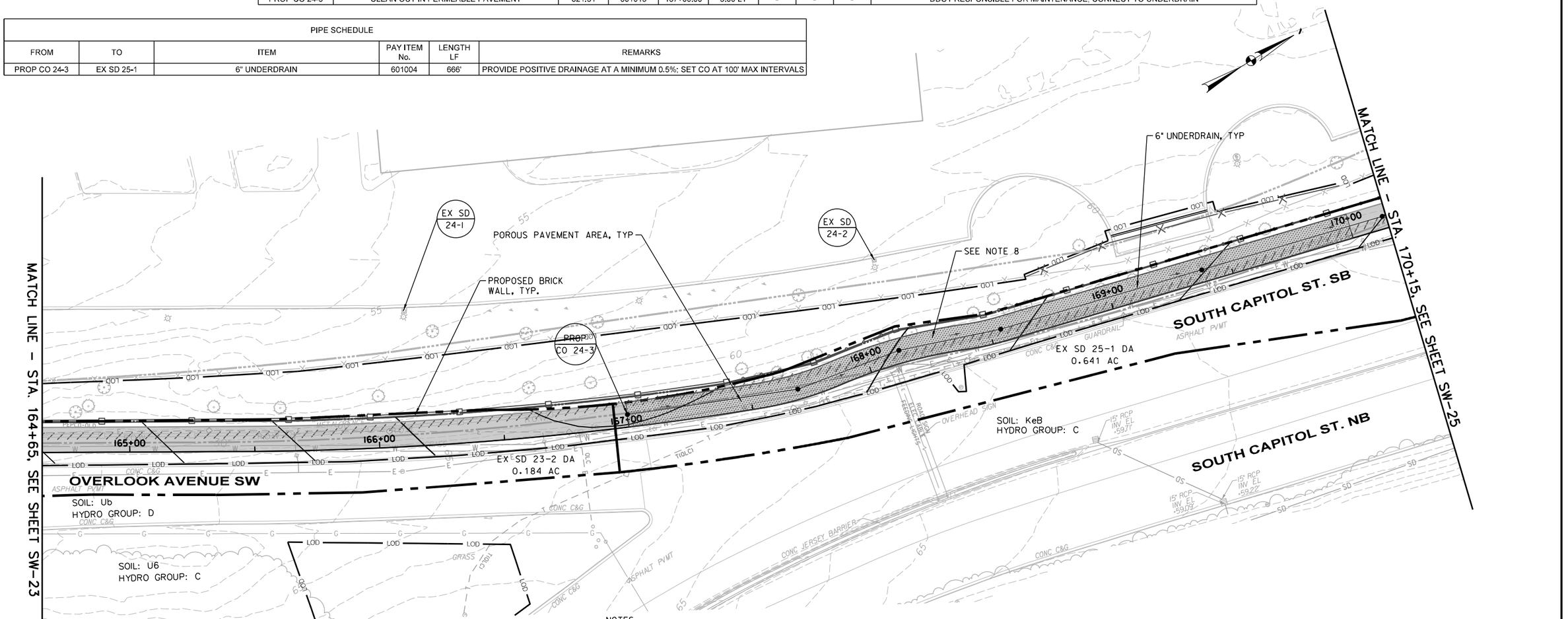
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	175	576

DRAINAGE STRUCTURES								
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 24-1	EXISTING STORM DRAIN	-	-	166+12.81	54.28 LT	55.00	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 24-2	EXISTING STORM DRAIN	-	-	168+13.07	42.50 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP CO 24-3	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	167+00.00	5.00 LT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN

PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CO 24-3	EX SD 25-1	6" UNDERDRAIN	601004	666'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- 40 EXISTING CONTOUR
- 40 PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- R.O.W. EXISTING ROW
- LOD LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- MH PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 6211-51 ON SHEET SD-02.

3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.

4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.

5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.

6. THE CONTRACTOR SHALL PROVIDE CAD-FORMAT AS-BUILT DRAWINGS DOCUMENTING FINAL LOCATIONS AND ELEVATIONS OF PERMEABLE PAVEMENT SYSTEMS AND BIORETENTION PLANTERS FOR DDOT RECORDS.

7. ALL UNDERDRAIN CONNECTIONS TO EXISTING STRUCTURES SHALL COMPLY WITH DC WATER GREEN INFRASTRUCTURE STANDARD DETAIL - WATER AND SEWER CLEARANCES FOR UNDERDRAINS ADJACENT TO CATCH BASIN, SEE SHEET SD-04.

8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

SW-24

DISTRICT OF COLUMBIA
BRANDY R. ALLISON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 175 OF 576

$DATE$
$FILE$

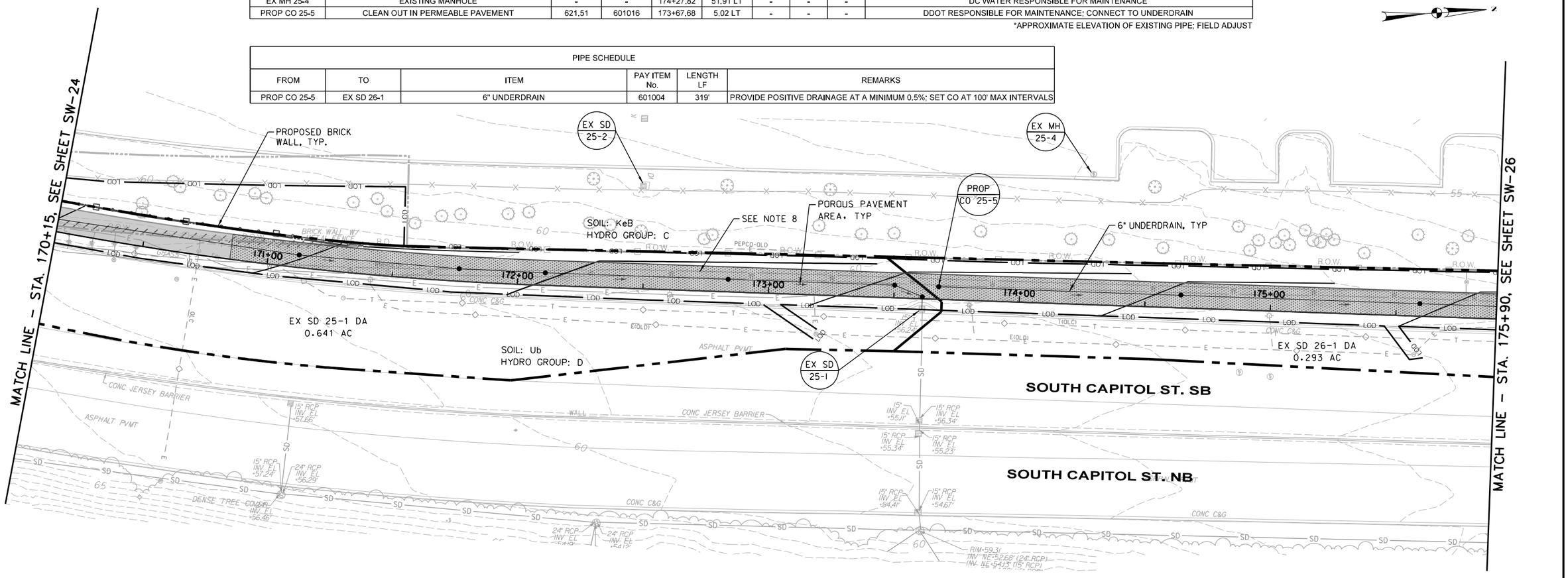
DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	176	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 25-1	EXISTING STORM DRAIN	-	-	173+61.35	4.23 RT	58.34	57.07	* 56.2 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
EX SD 25-2	EXISTING STORM DRAIN	-	-	172+48.79	40.94 LT	57.00	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX MH 25-4	EXISTING MANHOLE	-	-	174+27.82	51.91 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP CO 25-5	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	173+67.68	5.02 LT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN

*APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST

PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CO 25-5	EX SD 26-1	6" UNDERDRAIN	601004	319'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.

3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.

4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.

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8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · DELANY R. ALLEN · PE905849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

SW-25

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 176 OF 576

$DATE$
$FILE$

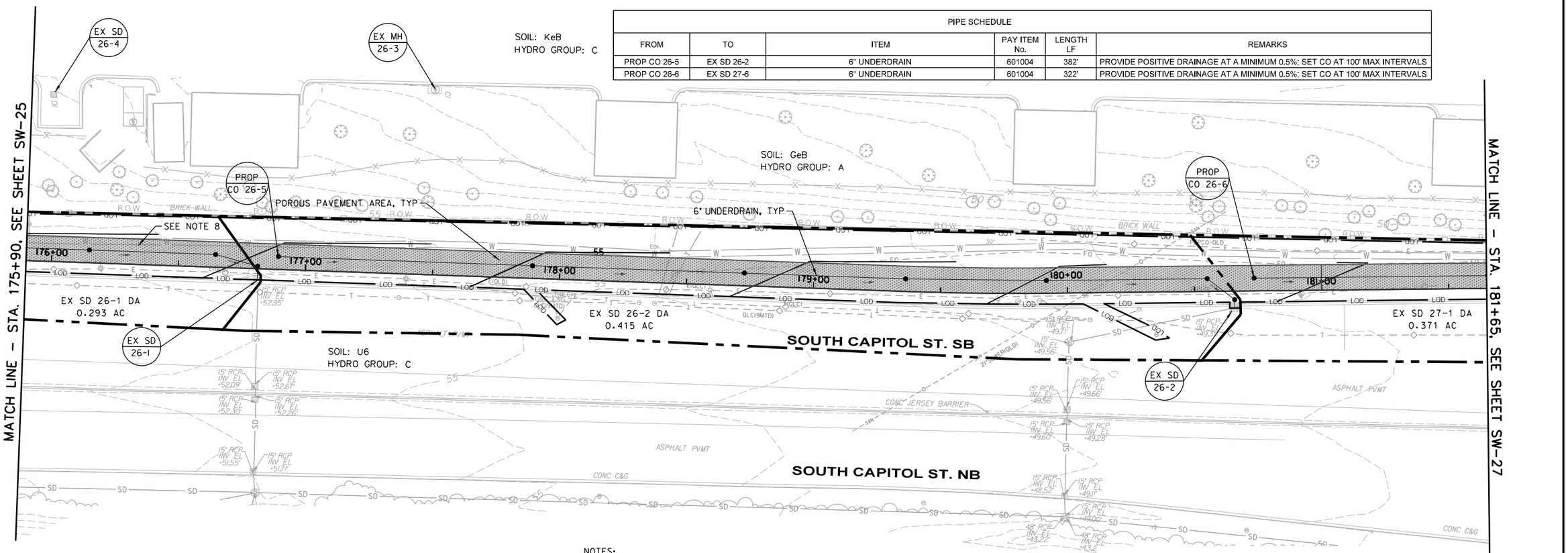
DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	177	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 26-1	EXISTING STORM DRAIN	-	-	176+81.15	4.00 RT	55.47	53.98	* 52.9 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
EX SD 26-2	EXISTING STORM DRAIN	-	-	180+65.80	6.70 RT	51.86	50.53	* 49.3 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
EX MH 26-3	EXISTING MANHOLE	-	-	177+48.58	72.80 LT	50.00	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 26-3	EXISTING STORM DRAIN	-	-	175+98.64	65.62 LT	53.00	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP CO 26-5	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	176+89.17	5.07 LT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CO 26-6	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	180+73.46	5.00 LT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN

*APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST

PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CO 26-5	EX SD 26-2	6" UNDERDRAIN	601004	382'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS
PROP CO 26-6	EX SD 27-6	6" UNDERDRAIN	601004	322'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.

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4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.

5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.

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8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
DELANY R. ALLISON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SW-26

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

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SHEET 177 OF 576

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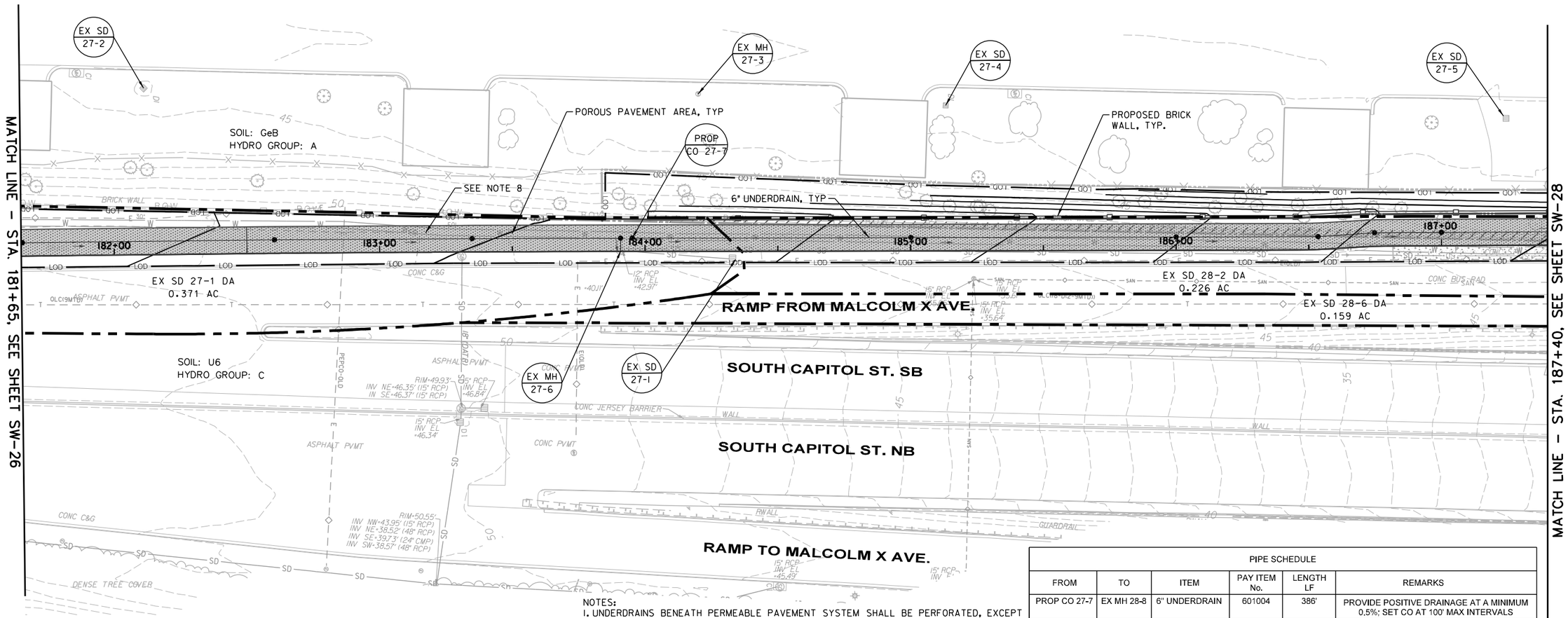
DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	178	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 27-1	EXISTING STORM DRAIN	-	-	184+34.04	30.7 RT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 27-2	EXISTING STORM DRAIN	-	-	182+11.74	62.74 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX MH 27-3	EXISTING MANHOLE	-	-	184+19.96	59.33 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 27-4	EXISTING STORM DRAIN	-	-	185+13.33	54.78 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 27-5	EXISTING STORM DRAIN	-	-	187+24.51	47.87 LT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX MH 27-6	EXISTING MANHOLE	-	-	183+90.76	0.34 LT	48.66	42.03	* 40.1 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN, ADJUST LID TO FINISHED GRADE
PROP CO 27-7	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	183+95.16	5.05 LT	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN

*APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

PIPE SCHEDULE					
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CO 27-7	EX MH 28-8	6" UNDERDRAIN	601004	386'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM 0.5%; SET CO AT 100' MAX INTERVALS

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.

3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.

4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.

5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.

6. THE CONTRACTOR SHALL PROVIDE CAD-FORMAT AS-BUILT DRAWINGS DOCUMENTING FINAL LOCATIONS AND ELEVATIONS OF PERMEABLE PAVEMENT SYSTEMS AND BIORETENTION PLANTERS FOR DDOT RECORDS.

7. ALL UNDERDRAIN CONNECTIONS TO EXISTING STRUCTURES SHALL COMPLY WITH DC WATER GREEN INFRASTRUCTURE STANDARD DETAIL - WATER AND SEWER CLEARANCES FOR UNDERDRAINS ADJACENT TO CATCH BASIN, SEE SHEET SD-04.

8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MELANY R. ALLISON
PE906849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-27

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE
FILE
SHEET 178 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	179	576

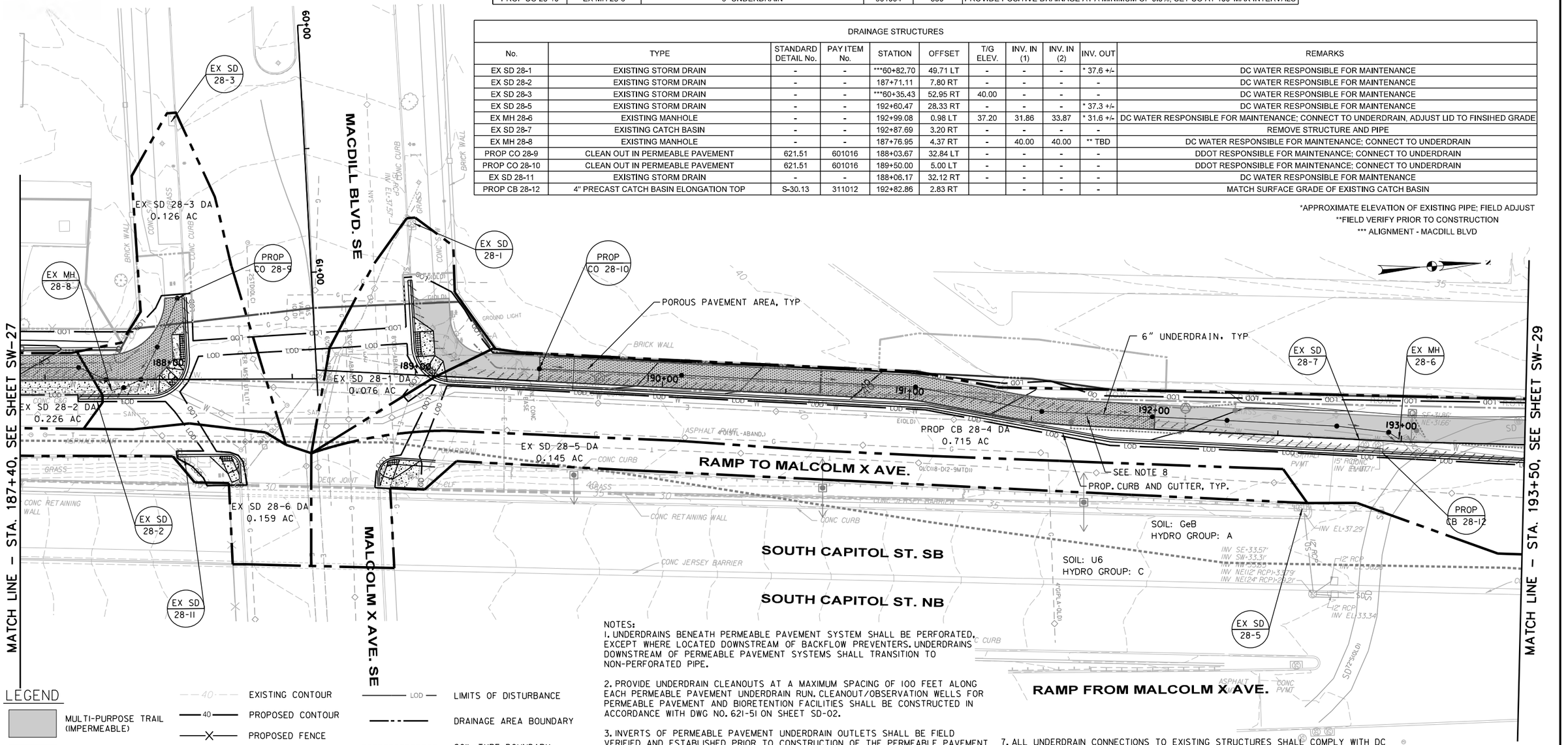
PIPE SCHEDULE

FROM	TO	ITEM	PAY ITEM No.	LENGTH LF	REMARKS
PROP CO 28-9	EX MH 28-8	6" UNDERDRAIN	601004	49'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM OF 0.5%; SET CO AT 100' MAX INTERVALS
PROP CO 28-10	EX MH 28-6	6" UNDERDRAIN	601004	350'	PROVIDE POSITIVE DRAINAGE AT A MINIMUM OF 0.5%; SET CO AT 100' MAX INTERVALS

DRAINAGE STRUCTURES

No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN (1)	INV. IN (2)	INV. OUT	REMARKS
EX SD 28-1	EXISTING STORM DRAIN	-	-	***60+82.70	49.71 LT	-	-	-	* 37.6 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 28-2	EXISTING STORM DRAIN	-	-	187+71.11	7.80 RT	-	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 28-3	EXISTING STORM DRAIN	-	-	***60+35.43	52.95 RT	40.00	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 28-5	EXISTING STORM DRAIN	-	-	192+60.47	28.33 RT	-	-	-	* 37.3 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX MH 28-6	EXISTING MANHOLE	-	-	192+99.08	0.98 LT	37.20	31.86	33.87	* 31.6 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN, ADJUST LID TO FINSIHED GRADE
EX SD 28-7	EXISTING CATCH BASIN	-	-	192+87.69	3.20 RT	-	-	-	-	REMOVE STRUCTURE AND PIPE
EX MH 28-8	EXISTING MANHOLE	-	-	187+76.95	4.37 RT	-	40.00	40.00	** TBD	DC WATER RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CO 28-9	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	188+03.67	32.84 LT	-	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
PROP CO 28-10	CLEAN OUT IN PERMEABLE PAVEMENT	621.51	601016	189+50.00	5.00 LT	-	-	-	-	DDOT RESPONSIBLE FOR MAINTENANCE; CONNECT TO UNDERDRAIN
EX SD 28-11	EXISTING STORM DRAIN	-	-	188+06.17	32.12 RT	-	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP CB 28-12	4" PRECAST CATCH BASIN ELONGATION TOP	S-30.13	311012	192+82.86	2.83 RT		-	-	-	MATCH SURFACE GRADE OF EXISTING CATCH BASIN

*APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST
**FIELD VERIFY PRIOR TO CONSTRUCTION
*** ALIGNMENT - MACDILL BLVD



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.

3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.

4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.

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8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · BRIANNY R. ALLISON · PE905849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-28

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE
FILE
SHEET 179 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	180	576

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

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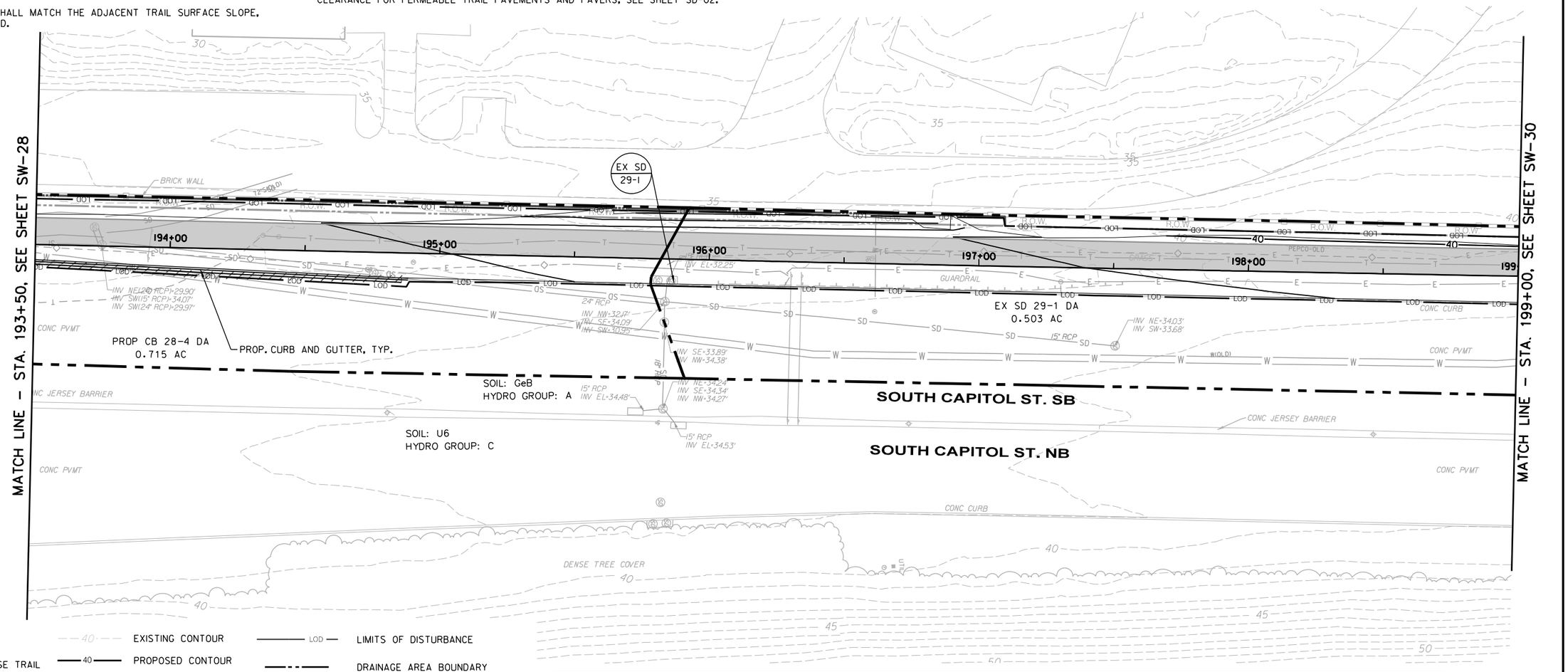

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- 40 — EXISTING CONTOUR
- 40 — PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- R.O.W. — EXISTING ROW
- LOD — LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- MH — PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

DRAINAGE STRUCTURES

No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 29-1	EXISTING STORM DRAIN	-	-	195+83.75	7.81 RT	X	-	*32.3 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE

*APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · BRIANY R. ALLISON · PE905849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SW-29

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 180 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	181	576

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.

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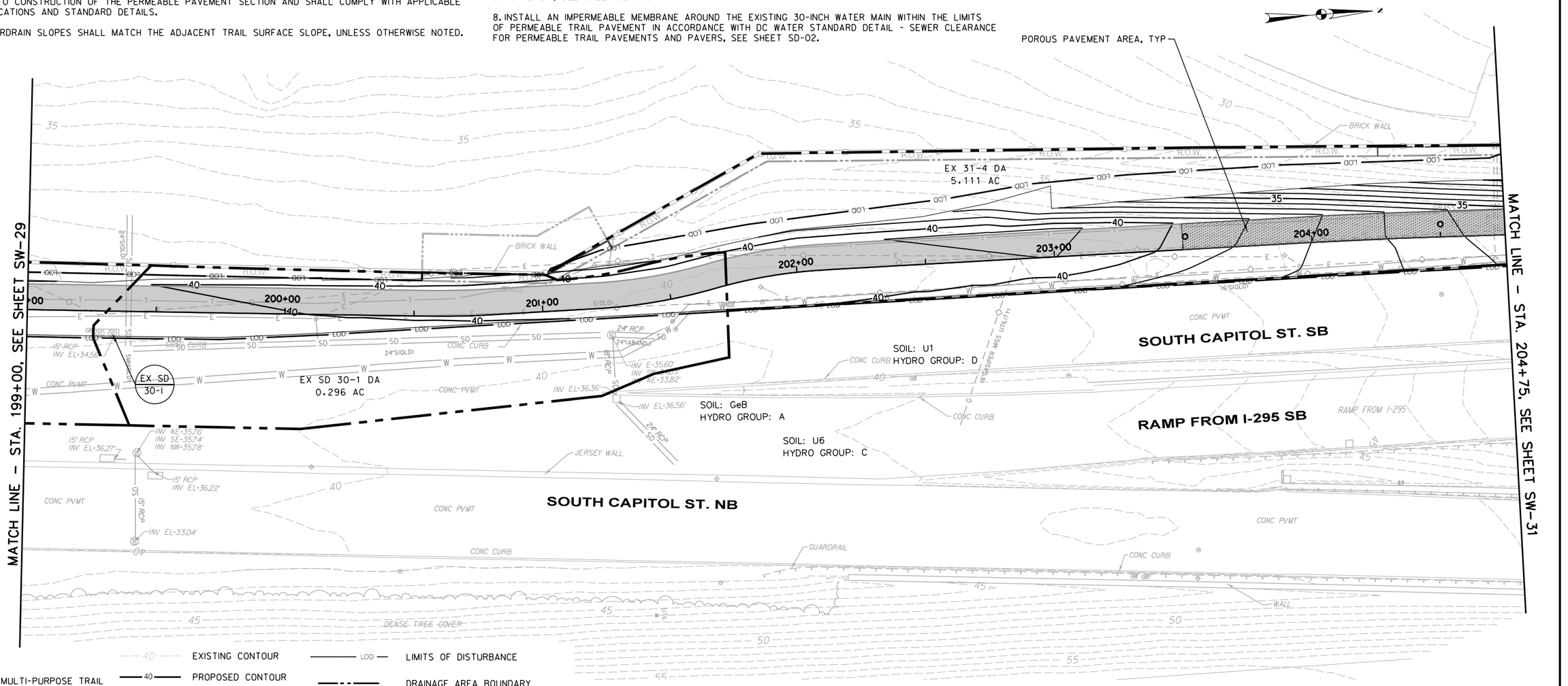

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
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- RETAINING WALL
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- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

DRAINAGE STRUCTURES

No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 30-1	EXISTING STORM DRAIN	-	-	199+38.80	8.69 RT	X	-	*34.6 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE

*APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST

SW-30

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · MELANY R. ALLISON · PE905849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 181 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	182	576

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

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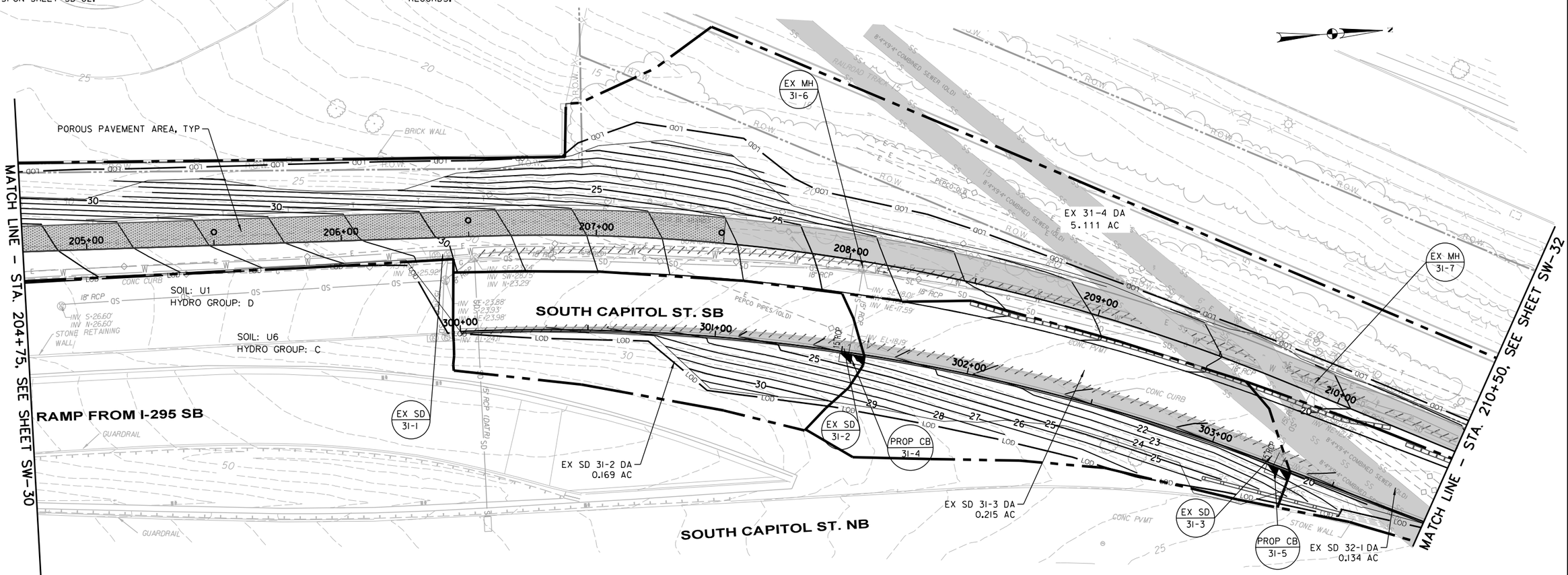


LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

DRAINAGE STRUCTURES

No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 31-1	EXISTING STORM DRAIN	-	-	206+39.35	6.95 RT	-	-	*25.9 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 31-2	EXISTING STORM DRAIN	-	-	208+06.77	32.41 RT	-	-	18.19	REMOVE STRUCTURE
EX SD 31-3	EXISTING STORM DRAIN	-	-	209+86.01	26.14 RT	-	-	-	REMOVE STRUCTURE
PROP CB 31-4	STANDARD DOUBLE CATCH BASIN	S-30.03	310004	208+07.13	36.82 RT	24.25	-	* 18.2 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP CB 31-5	STANDARD DOUBLE CATCH BASIN	S-30.03	310004	209+88.35	32.26 RT	19.94	-	* 14.9 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
EX MH 31-6	EXISTING MANHOLE	-	-	208+05.65	2.86 RT	-	18.0 +/-	17.6 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; ADJUST LID TO FINISHED GRADE
EX MH 31-7	EXISTING MANHOLE	-	-	209+88.80	3.78 LT	-	14.6 +/-	12.1 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE; ADJUST LID TO FINISHED GRADE

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST

PIPE SCHEDULE

FROM	TO	ITEM	PAY ITEM No.	LENGTH LF
PROP CB 31-4	EX SD 31-6	EXISTING PIPE + BASIN CONNECT PCC PIPE, CLASS III, 15"	310008	4'+29'
PROP CB 31-5	EX SD 31-7	EXISTING PIPE + BASIN CONNECT PCC PIPE, CLASS III, 15"	310008	6'+30'

20' 0 20' 40'

SCALE: 1"=20'

DISTRICT OF COLUMBIA · MELANY R. ALLEN · PE906849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-31

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE

SHEET 182 OF 576

$DATE$
$FILE$

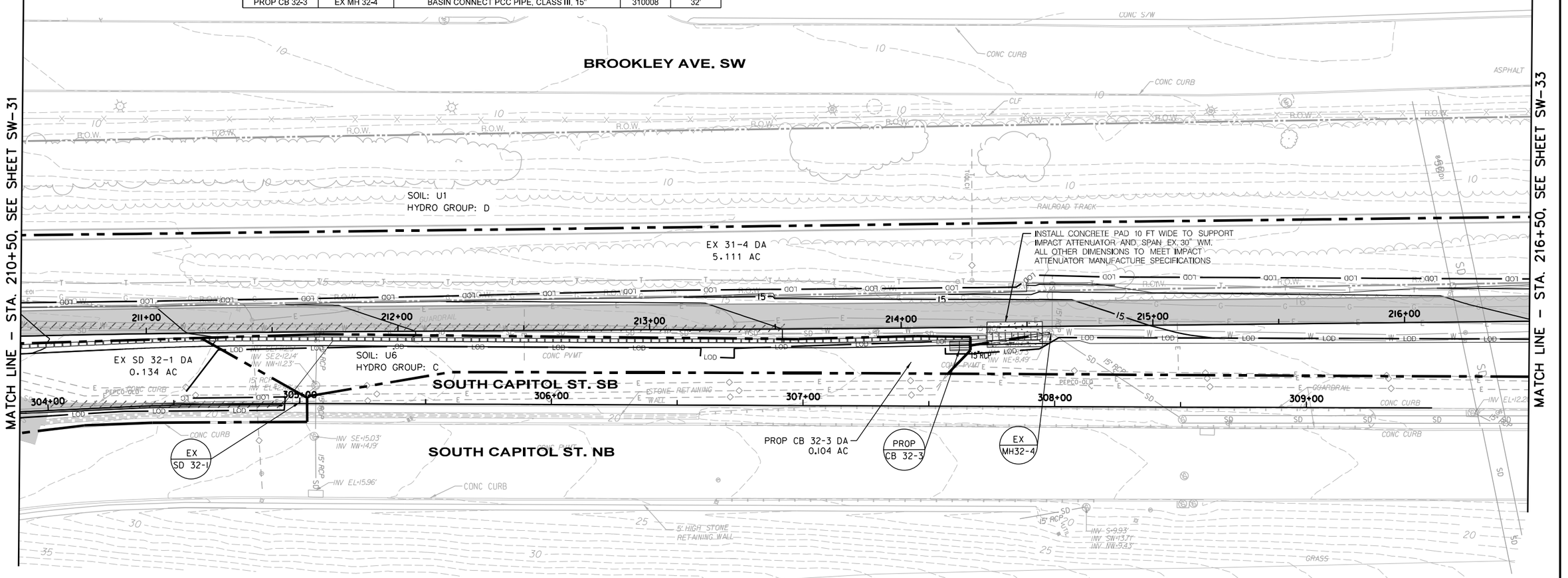
DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	183	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 32-1	EXISTING STORM DRAIN	-	-	**305+00.02	1.16 RT	-	-	* 12.5 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE
PROP CB 32-3	GRATE TYPE DOUBLE CATCH BASIN WITH SAFETY GRATE	S-30.31	310018	214+23.04	7.32 RT	15.57	-	10.49	DC WATER RESPONSIBLE FOR MAINTENANCE
EX MH 32-4	EXISTING MANHOLE	-	-	214+59.02	2.75 RT	-	8.55	-	ABANDON STRUCTURE

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST
** ALIGNMENT: SOUTH CAPITOL ST

PIPE SCHEDULE				
FROM	TO	ITEM	PAY ITEM No.	LENGTH LF
PROP CB 32-3	EX MH 32-4	BASIN CONNECT PCC PIPE, CLASS III, 15"	310008	32'



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:
1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.

3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.

4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.

5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.

6. THE CONTRACTOR SHALL PROVIDE CAD-FORMAT AS-BUILT DRAWINGS DOCUMENTING FINAL LOCATIONS AND ELEVATIONS OF PERMEABLE PAVEMENT SYSTEMS AND BIORETENTION PLANTERS FOR DDOT RECORDS.

7. ALL UNDERDRAIN CONNECTIONS TO EXISTING STRUCTURES SHALL COMPLY WITH DC WATER GREEN INFRASTRUCTURE STANDARD DETAIL - WATER AND SEWER CLEARANCES FOR UNDERDRAINS ADJACENT TO CATCH BASIN, SEE SHEET SD-04.

8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · DELANY R. ALLISON · PE905849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

SW-32

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

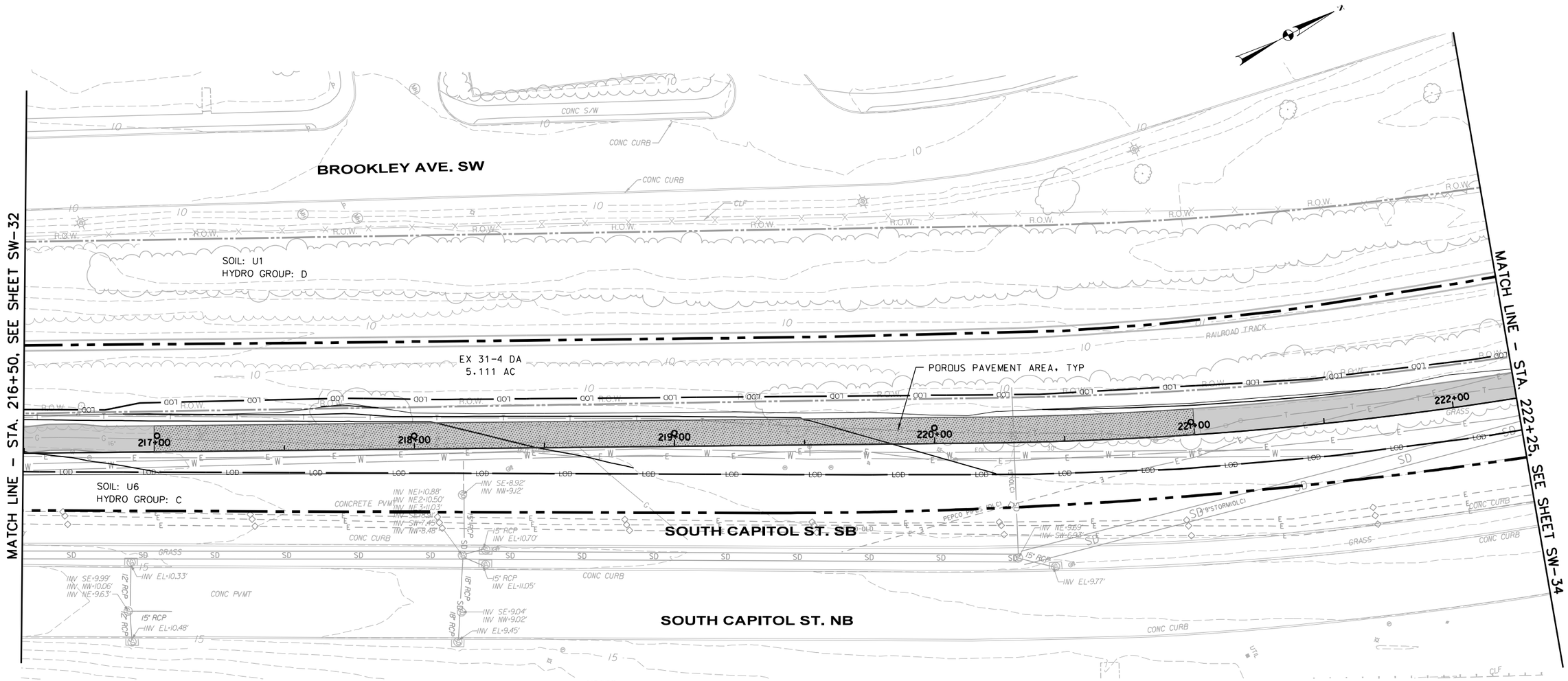
DATE
FILE

SHEET 183 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	184	576



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- 40 — EXISTING CONTOUR
- 40 — PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- R.O.W. — EXISTING ROW
- LOD — LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- MH — PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.
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20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
BRIANNA R. ALLISTON
PE905849
03/17/2025
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SW-33

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE
FILE

SHEET 184 OF 576

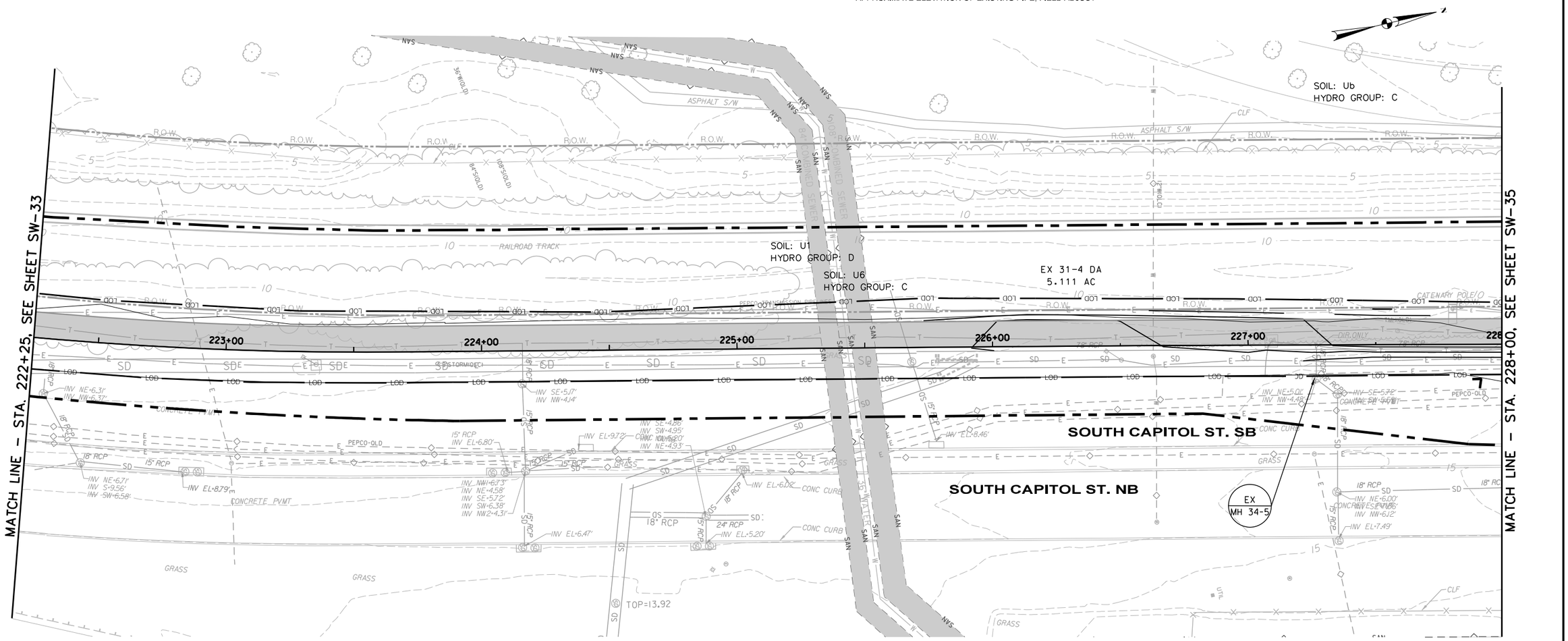
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	185	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX MH 34-5	EXISTING MANHOLE	-	-	227+27.16	6.26 RT	-	*5.0 +/-	*4.5 +/-	DC WATER RESPONSIBLE FOR MAINTENANCE

* APPROXIMATE ELEVATION OF EXISTING PIPE; FIELD ADJUST



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

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20' 0 20' 40'
SCALE: 1"=20'

SW-34

DISTRICT OF COLUMBIA
BRANDY R. ALLISON
PE905849
03/17/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

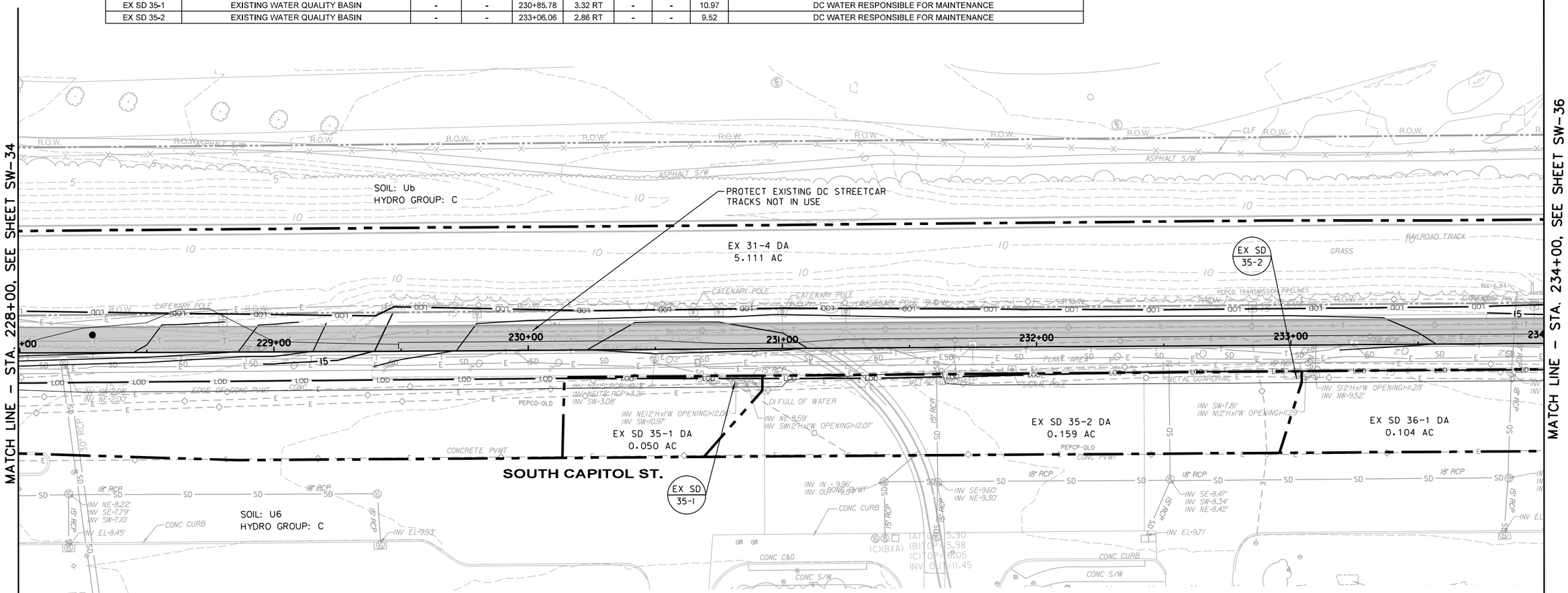
DIVISION CHIEF
DATE
FILE
SHEET 185 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	186	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 35-1	EXISTING WATER QUALITY BASIN	-	-	230+85.78	3.32 RT	-	-	10.97	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 35-2	EXISTING WATER QUALITY BASIN	-	-	233+06.06	2.86 RT	-	-	9.52	DC WATER RESPONSIBLE FOR MAINTENANCE



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LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
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- RETAINING WALL
- EXISTING ROW
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- SOIL TYPE BOUNDARY
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- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
BRIANY R. ALLISON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SW-35

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

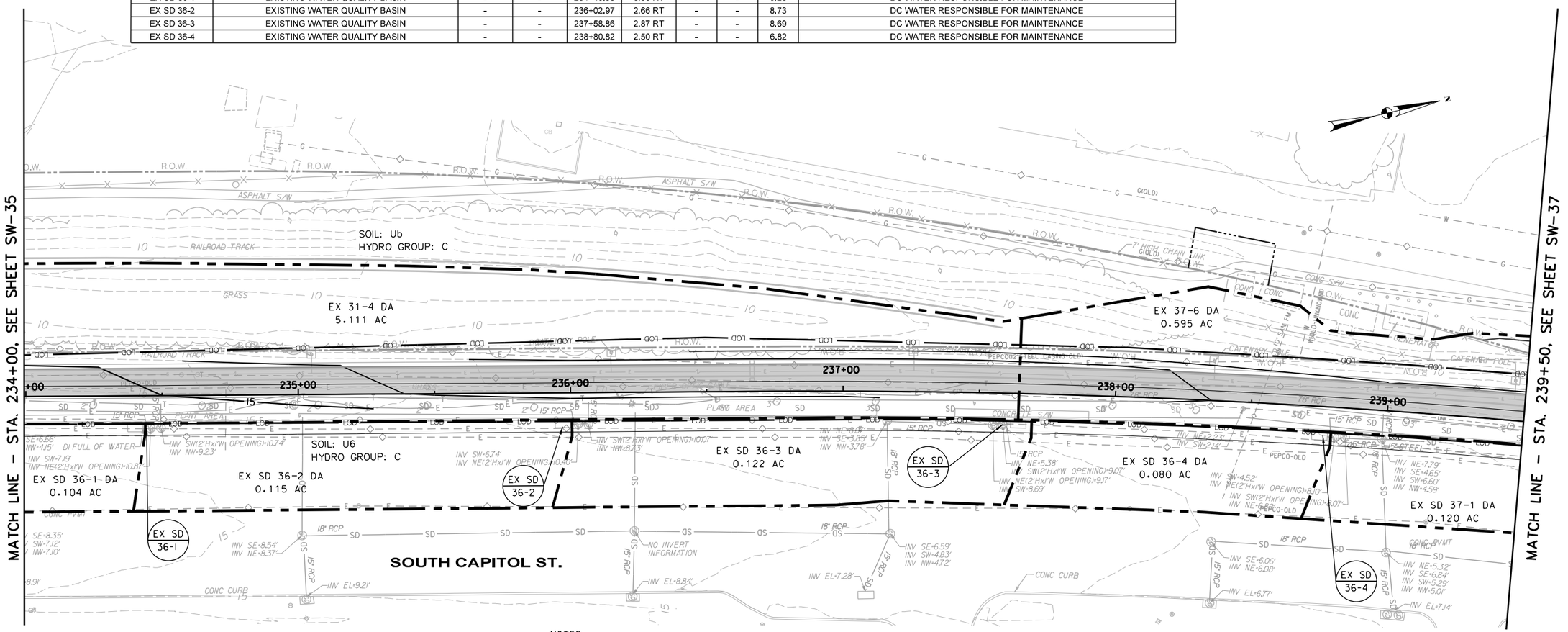
DATE
FILE
SHEET 186 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	187	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 36-1	EXISTING WATER QUALITY BASIN	-	-	234+46.00	3.00 RT	-	-	9.23	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 36-2	EXISTING WATER QUALITY BASIN	-	-	236+02.97	2.66 RT	-	-	8.73	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 36-3	EXISTING WATER QUALITY BASIN	-	-	237+58.86	2.87 RT	-	-	8.69	DC WATER RESPONSIBLE FOR MAINTENANCE
EX SD 36-4	EXISTING WATER QUALITY BASIN	-	-	238+80.82	2.50 RT	-	-	6.82	DC WATER RESPONSIBLE FOR MAINTENANCE



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8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
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- PROPOSED CONTOUR
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- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · BRIAN R. ALLEN · PE905849 · 03/17/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SW-36

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 187 OF 576

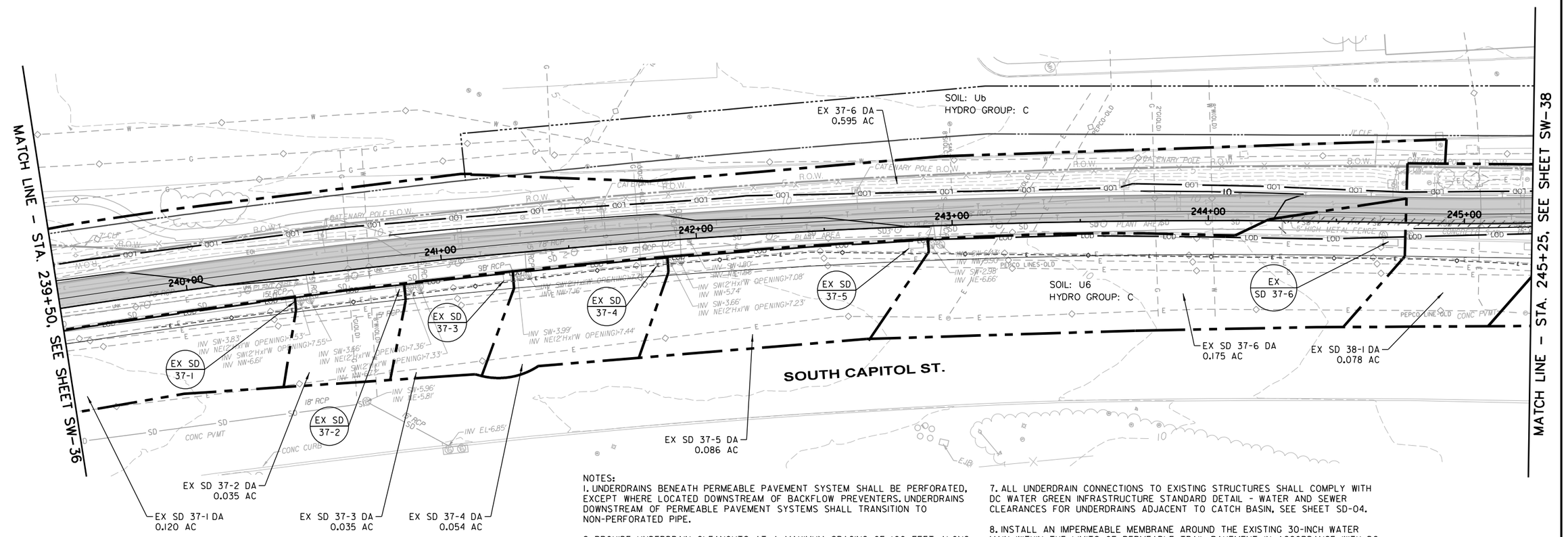
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	188	576

DRAINAGE STRUCTURES									
No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 37-1	EXISTING WATER QUALITY BASIN	-	-	240+42.51	1.53 RT	-	-	6.61	DC WATER RESPONSIBLE FOR MAINTENANCE; REBUILD TOP OF STRUCTURE TO HAVE CURB OPENING PER CUSTOM CB TOP DETAIL
EX SD 37-2	EXISTING WATER QUALITY BASIN	-	-	240+85.64	1.34 RT	-	-	6.72	DC WATER RESPONSIBLE FOR MAINTENANCE; REBUILD TOP OF STRUCTURE TO HAVE CURB OPENING PER CUSTOM CB TOP DETAIL
EX SD 37-3	EXISTING WATER QUALITY BASIN	-	-	241+28.03	0.89 RT	-	-	7.16	DC WATER RESPONSIBLE FOR MAINTENANCE; REBUILD TOP OF STRUCTURE TO HAVE CURB OPENING PER CUSTOM CB TOP DETAIL
EX SD 37-4	EXISTING WATER QUALITY BASIN	-	-	241+87.80	0.55 RT	-	-	5.74	DC WATER RESPONSIBLE FOR MAINTENANCE; REBUILD TOP OF STRUCTURE TO HAVE CURB OPENING PER CUSTOM CB TOP DETAIL
EX SD 37-5	EXISTING WATER QUALITY BASIN	-	-	242+89.82	0.57 LT	-	-	5.90	DC WATER RESPONSIBLE FOR MAINTENANCE; REBUILD TOP OF STRUCTURE TO HAVE CURB OPENING PER CUSTOM CB TOP DETAIL
EX SD 37-6	EXISTING WATER QUALITY BASIN	-	-	244+64.49	0.42 RT	-	-	-	DC WATER RESPONSIBLE FOR MAINTENANCE; REBUILD TOP OF STRUCTURE TO HAVE CURB OPENING PER CUSTOM CB TOP DETAIL

-



NOTES:

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LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
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- DRAINAGE AREA BOUNDARY
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- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

20' 0 20' 40'
SCALE: 1"=20'

SW-37

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE
FILE
SHEET 188 OF 576

DISTRICT OF COLUMBIA · BRIANNA R. ALLISON · PE905849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	189	576

NOTES:
1. UNDERDRAINS BENEATH PERMEABLE PAVEMENT SYSTEM SHALL BE PERFORATED, EXCEPT WHERE LOCATED DOWNSTREAM OF BACKFLOW PREVENTERS. UNDERDRAINS DOWNSTREAM OF PERMEABLE PAVEMENT SYSTEMS SHALL TRANSITION TO NON-PERFORATED PIPE.

2. PROVIDE UNDERDRAIN CLEANOUTS AT A MAXIMUM SPACING OF 100 FEET ALONG EACH PERMEABLE PAVEMENT UNDERDRAIN RUN. CLEANOUT/OBSERVATION WELLS FOR PERMEABLE PAVEMENT AND BIORETENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH DWG NO. 621-51 ON SHEET SD-02.

3. INVERTS OF PERMEABLE PAVEMENT UNDERDRAIN OUTLETS SHALL BE FIELD VERIFIED AND ESTABLISHED PRIOR TO CONSTRUCTION OF THE PERMEABLE PAVEMENT SECTION AND SHALL COMPLY WITH APPLICABLE SPECIFICATIONS AND STANDARD DETAILS.

4. UNDERDRAIN SLOPES SHALL MATCH THE ADJACENT TRAIL SURFACE SLOPE, UNLESS OTHERWISE NOTED.

5. THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE LOCATIONS AND INVERT ELEVATIONS PRIOR TO EXCAVATION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS.

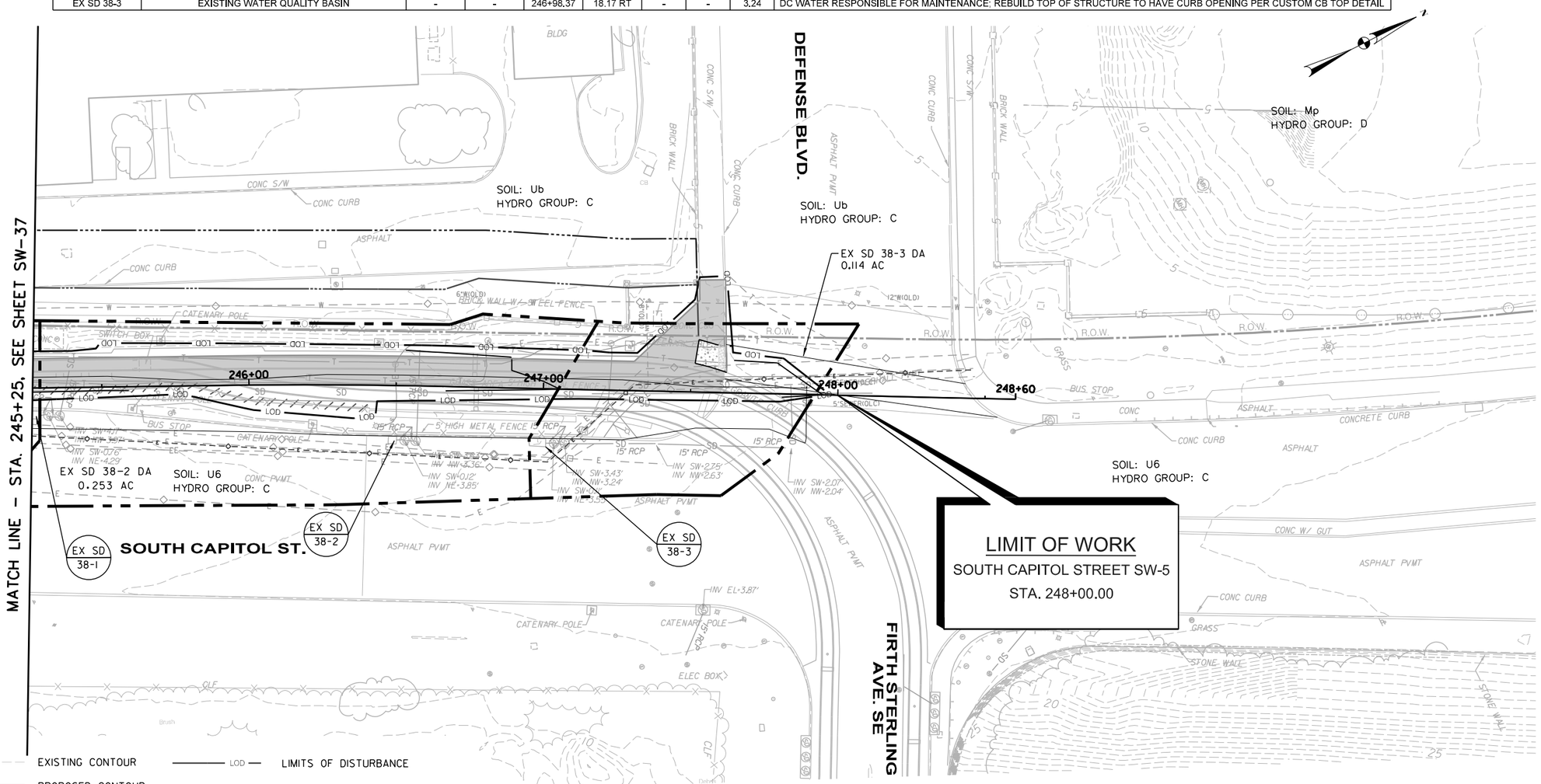
6. THE CONTRACTOR SHALL PROVIDE CAD-FORMAT AS-BUILT DRAWINGS DOCUMENTING FINAL LOCATIONS AND ELEVATIONS OF PERMEABLE PAVEMENT SYSTEMS AND BIORETENTION PLANTERS FOR DDOT RECORDS.

7. ALL UNDERDRAIN CONNECTIONS TO EXISTING STRUCTURES SHALL COMPLY WITH DC WATER GREEN INFRASTRUCTURE STANDARD DETAIL - WATER AND SEWER CLEARANCES FOR UNDERDRAINS ADJACENT TO CATCH BASIN, SEE SHEET SD-04.

8. INSTALL AN IMPERMEABLE MEMBRANE AROUND THE EXISTING 30-INCH WATER MAIN WITHIN THE LIMITS OF PERMEABLE TRAIL PAVEMENT IN ACCORDANCE WITH DC WATER STANDARD DETAIL - SEWER CLEARANCE FOR PERMEABLE TRAIL PAVEMENTS AND PAVERS, SEE SHEET SD-02.

DRAINAGE STRUCTURES

No.	TYPE	STANDARD DETAIL No.	PAY ITEM No.	STATION	OFFSET	T/G ELEV.	INV. IN	INV. OUT	REMARKS
EX SD 38-1	EXISTING WATER QUALITY BASIN	-	-	245+30.15	1.22 RT	-	-	3.97	DC WATER RESPONSIBLE FOR MAINTENANCE; REBUILD TOP OF STRUCTURE TO HAVE CURB OPENING PER CUSTOM CB TOP DETAIL
EX SD 38-2	EXISTING WATER QUALITY BASIN	-	-	246+48.99	18.53 RT	-	-	3.36	DC WATER RESPONSIBLE FOR MAINTENANCE; REBUILD TOP OF STRUCTURE TO HAVE CURB OPENING PER CUSTOM CB TOP DETAIL
EX SD 38-3	EXISTING WATER QUALITY BASIN	-	-	246+98.37	18.17 RT	-	-	3.24	DC WATER RESPONSIBLE FOR MAINTENANCE; REBUILD TOP OF STRUCTURE TO HAVE CURB OPENING PER CUSTOM CB TOP DETAIL



LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- BOARDWALK
- BIO RETENTION AREA
- CONCRETE
- MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/POROUS PAVEMENT)
- RIPRAP SPLASH PAD
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- EXISTING ROW
- LIMITS OF DISTURBANCE
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- 6" UNDERDRAIN WITH CLEANOUT
- OBSERVATION WELL
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MELANY R. ALLEN
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-38

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORM WATER MANAGEMENT PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 189 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	190	576

PROP ES 10-12

27 LF OF 15" RCP @ 1.0%

20'EMERGENCY SPILLWAY
ELEV = 33.81

PROP CO 10-11

PROP CO 10-10

PROP OF 10-9

SEE SW-40 FOR BMP PROFILE

TOP OF SPLASH PAD
ELEV. = 33.61

TOP OF SPLASH PAD
ELEV. = 33.57

TOP OF SPLASH PAD
ELEV. = 33.57

INV EL=29.64'

PROP CC 10-6

CURB OPENING FOR
BIORETENTION
GUTTER ELEV = 34.1 +/-

EX SD 10-2

CURB OPENING FOR
BIORETENTION
GUTTER ELEV = 34.1 +/-

CURB OPENING FOR
BIORETENTION
GUTTER ELEV = 34.1 +/-

PROP CC 10-7

PROP CC 10-8

SHEPHERD PARKWAY SW

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- PAVEMENT REMOVAL-LAND CONVERSION
- BIO RETENTION AREA
- PROPOSED MILL & OVERLAY
- MULTI-PURPOSE TRAIL (PERMEABLE/ POROUS PAVEMENT)
- PROPOSED BOARDWALK
- PROPOSED RIP-RAP SPLASH PAD
- LOD — LIMITS OF DISTURBANCE
- EXISTING PROPERTY LINES
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- OBSERVATION WELL
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1) UNDERDRAIN SHALL BE PERFORATED WITHIN BIORETENTION AREA AND SOLID OUTSIDE OF IT

SCALE: 1"=5'

DISTRICT OF COLUMBIA — MELANY R. ALLISON — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-39

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE

FILE

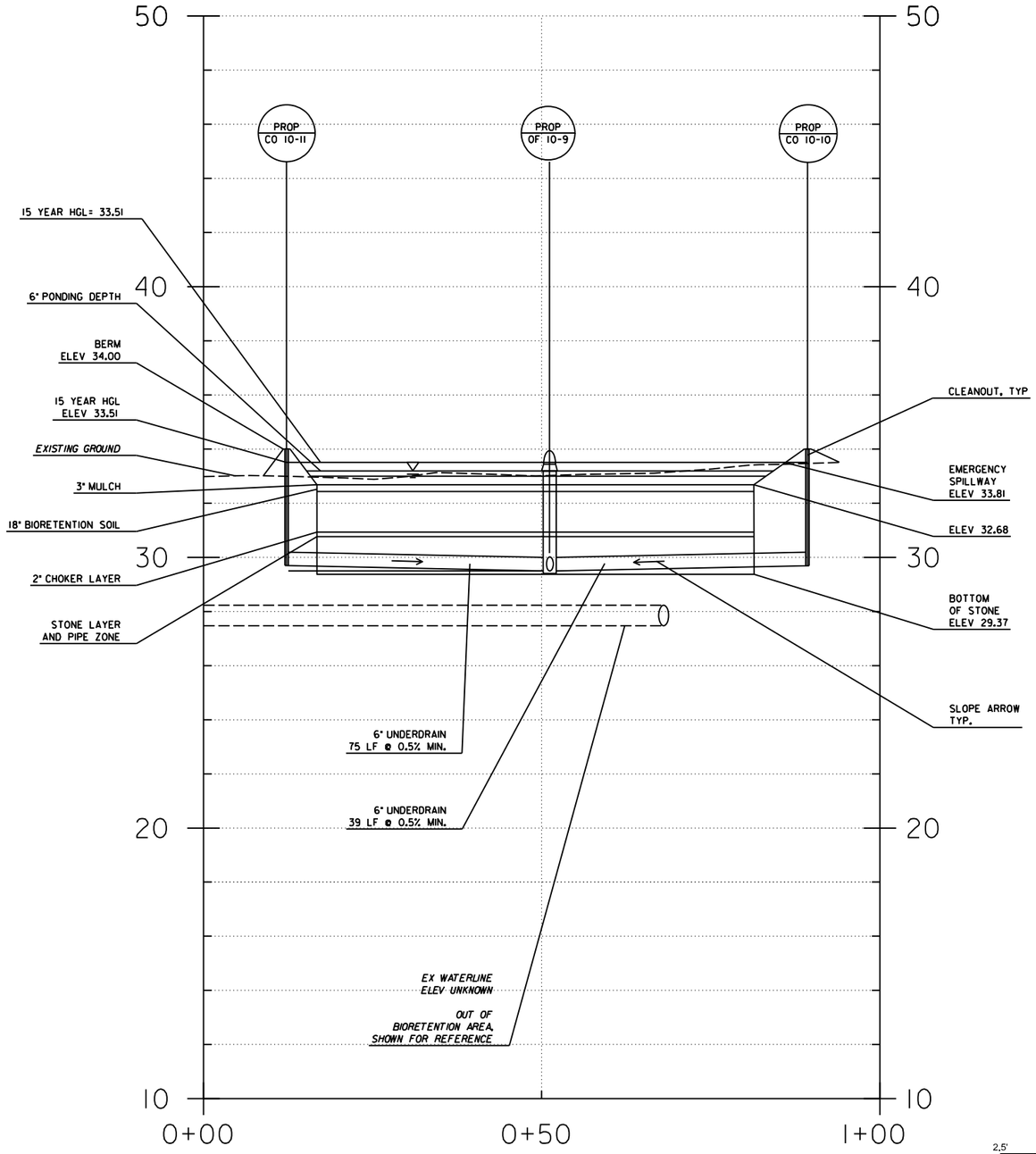
SHEET 190 OF 576

STORMWATER MANAGEMENT PLAN
BIORETENTION AREA, BMP 10-9 PLAN

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	191	576



BMP 10-9
SECTION LOOKING WEST

2,5' 0 2,5' 5'
VERTICAL SCALE: 1"=2,5'
10' 0 10' 20'
HORIZONTAL SCALE: 1"=10'

SW-40

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 191 OF 576

BMP PROFILES 1

DISTRICT OF COLUMBIA
BRENNAN R. ALLISON
PE905845
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

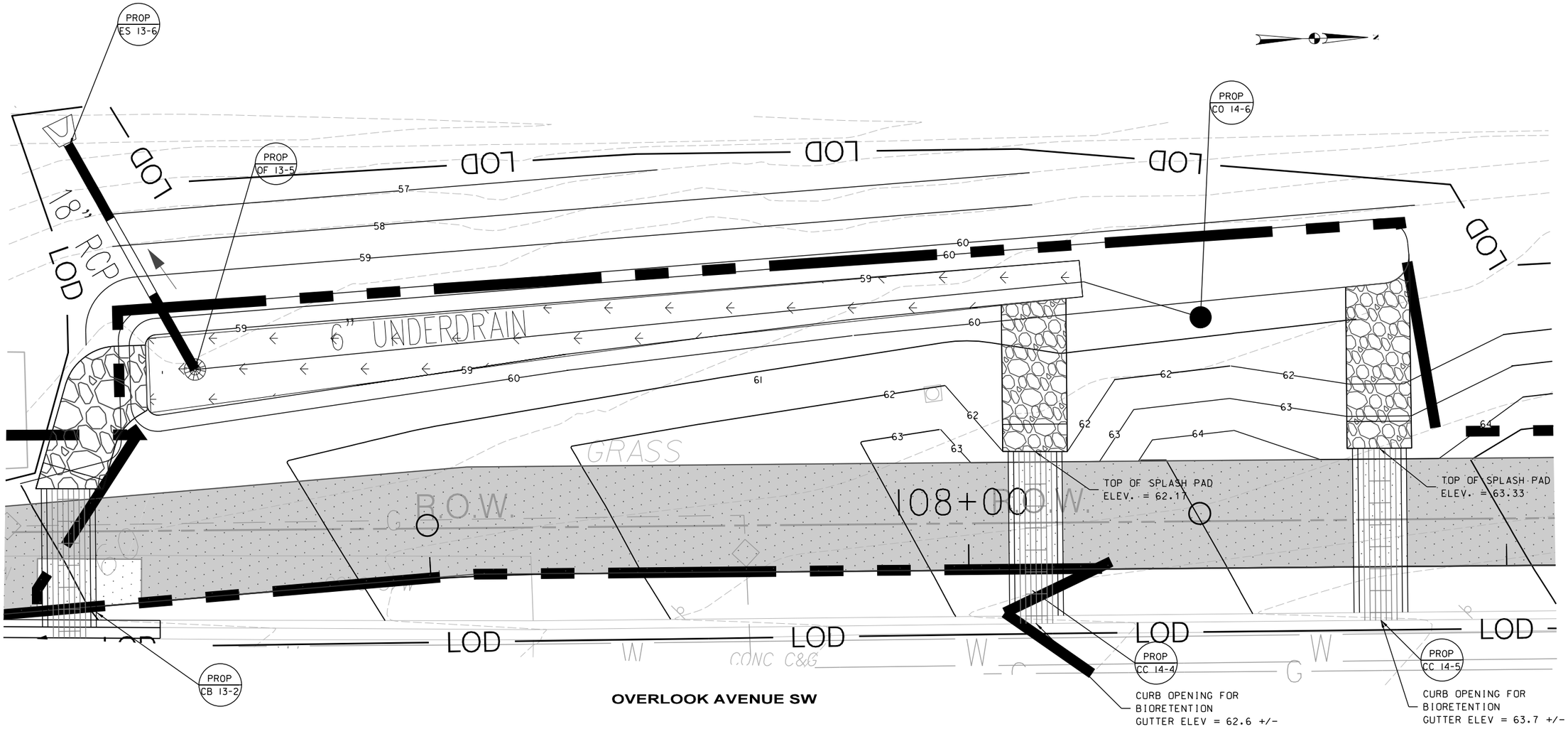
NO	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	192	576



OVERLOOK AVENUE SW

LEGEND

- MULTI-PURPOSE TRAIL (IMPERMEABLE)
- PROPOSED MILL & OVERLAY
- PROPOSED RIP-RAP SPLASH PAD
- PAVEMENT REMOVAL-LAND CONVERSION
- MULTI-PURPOSE TRAIL PERMEABLE/ POROUS PAVEMENT
- BIO RETENTION AREA
- PROPOSED BOARDWALK
- LOD — LIMITS OF DISTURBANCE
- EXISTING PROPERTY LINES
- DRAINAGE AREA BOUNDARY
- SOIL TYPE BOUNDARY
- OBSERVATION WELL
- PROPOSED CATCH BASIN
- EXISTING STORM DRAIN CURB INLET & PIPE

NOTES:

1) UNDERDRAIN SHALL BE PERFORATED WITHIN BIORETENTION AREA AND SOLID OUTSIDE OF IT

5' 0 5' 10'
SCALE: 1"=5'

SW-41

DISTRICT OF COLUMBIA — BRANDY R. ALLISON — PE905849 — 03/12/2026 — PROFESSIONAL ENGINEER — CIVIL

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANAGEMENT PLAN
BIORETENTION AREA, BMP 14-2 PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE

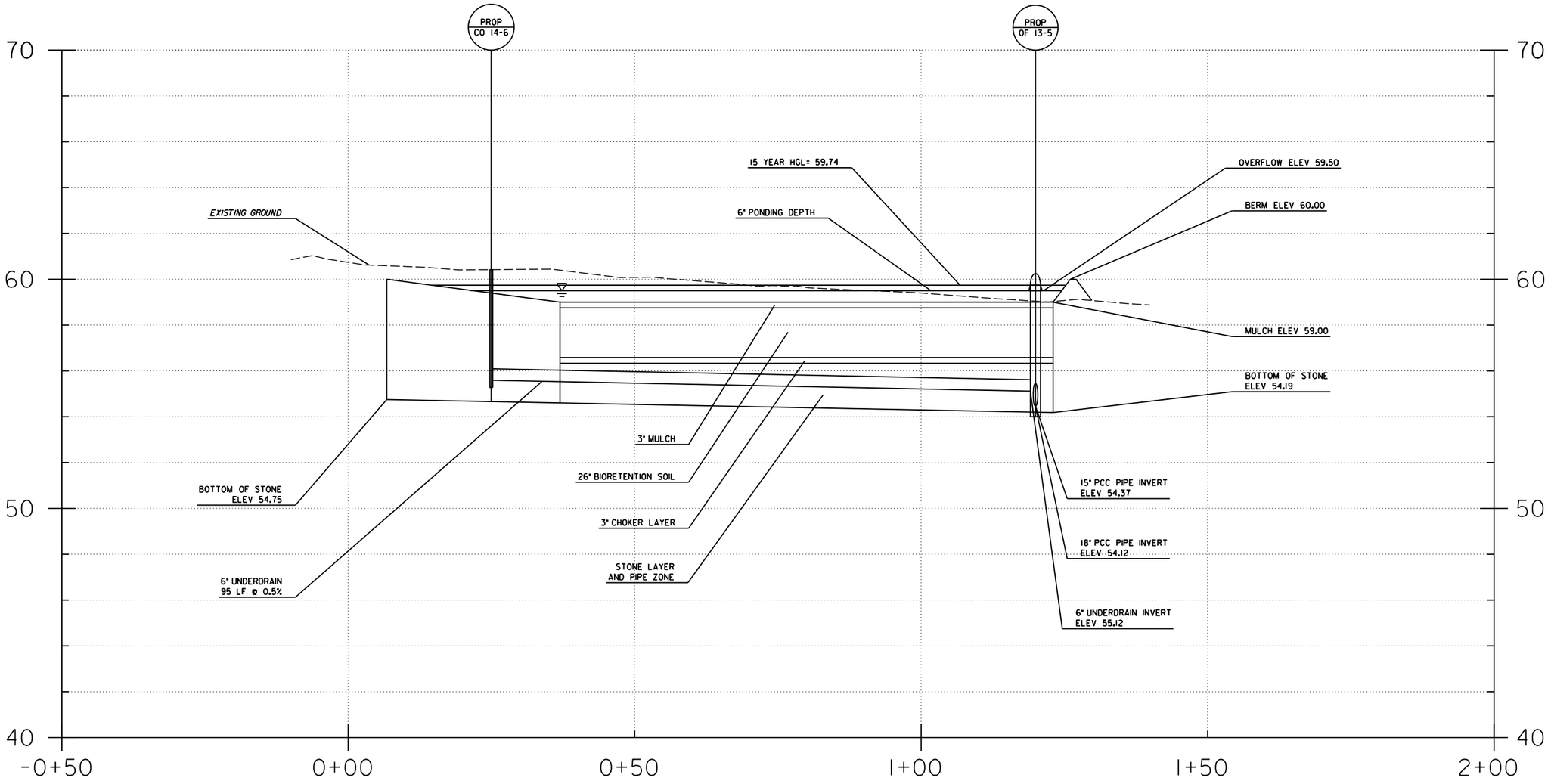
FILE

SHEET 192 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	193	576



BMP 14-2
SECTION LOOKING EAST

SW-42

10' 0 10' 20'
HORIZONTAL SCALE: 1"=10'

2.5' 0 2.5' 5'
VERTICAL SCALE: 1"=2.5'

DISTRICT OF COLUMBIA
MELANY R. ALLISON
PE906849
03/12/2025
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

BMP PROFILES 2

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE
FILE
SHEET 193 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	194	576

The following stamps were applied via the Surface and Groundwater System. Each stamp was signed electronically at the indicated time.

DEPARTMENT OF ENERGY & ENVIRONMENT — Erosion & Sediment Control Approval — File No. 24-4857

Notice: This Approval is for the Erosion & Sediment Control Plan only. All site activities, including clearing, grading, drainage, and construction of design features must be accomplished in strict accordance with this approved plan and 21 DCMR Chapter 5. The approved plan may not be revised or changed without DOEE's approval.

The applicant must complete a DOEE pre-construction inspection before starting any land disturbance and must request a DOEE final construction inspection within one week after completing land disturbance. See more info at dcee.dc.gov/services/construction-site-inspections.
Request a pre-construction inspection at doee.dc.gov/SGI.

Failure to comply with the requirements of this approval may result in enforcement action.

Approved By: [illegible] Date: 04-03-2026 01:34 PM

DEPARTMENT OF ENERGY & ENVIRONMENT — Stormwater Management Approval — File No. 24-4857

Notice: This Approval is for the Stormwater Management Plan (SWMP) only. All site activities, to construct BMPs and installation cover must be accomplished in strict accordance with this approved plan and 21 DCMR Chapter 5. This approved plan may not be revised or changed without DOEE's approval.

The applicant must complete a DOEE pre-construction inspection before starting construction of any on-site BMPs and must request a DOEE final construction inspection within one week after completing construction of the SWMP. See more info at dcee.dc.gov/services/construction-site-inspections.
Request a pre-construction inspection at doee.dc.gov/SGI.

Failure to comply with the requirements of this approval may result in enforcement action.

Approved By: [illegible] Date: 04-03-2026 04:34 PM

DEPARTMENT OF ENERGY & ENVIRONMENT — Floodplain Management Approval — File No. 24-4857

Notice: This approval is for Floodplain Management only. The applicant must ensure that all clearing, grading, drainage, and facility development construction are accomplished in strict accordance with this approved plan and 20 DCMR Chapter 31. If there is a need to make any changes or modifications in the approved design, this office must be notified immediately.

Failure to comply with the requirements of this approval may result in enforcement action.

Approved By: [illegible] Date: 03-25-2026 01:29 PM

Stormwater Management Plan Compliance Data

0 block of 0 Street SE

an? Yes

ntrol? Yes

Major Land Disturbing

No

Plan number 4857

Green Area Ratio? No - GAR does not apply to this property

Floodplain Review? Yes

AWDZ? Non-AWDZ

Total Area (sf)	Site Area	PROW
1,226	0	
684,887	64,178	
519,763	86,191	
0	890	
1,205,876	151,259	

Curve Numbers

☐ Additional Detention Provided

Pre-development	70	2-year storm adjusted CN	68
Pre-project	84	15-year storm adjusted CN	69
		100-year storm adjusted CN	69

al is the sum of PROW and Parcel)

PROW (ft³)	Parcel (ft³)	Total (ft³)	Total (Gallons)
9,877	66,500	76,377	571,299
0	0	0	0
0	0	0	0
291	0	291	2,177
0%	0%	0%	0%
			0
			0

-site

d: 03-25-2026 12:47 PM

Compliance data last updated: 03-25-2026 12:47 PM
Plan 4857 Page 2 of 16

Site Drainage Area Compliance Data

Site Drainage Area ID	Public Right of Way	Total area (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Vehicular access area	SWRv (cubic feet)	WQTv (cubic feet)	Volume retained (cubic feet)	Volume treated (cubic feet)	2-year storm adjusted Curve Number	15-year storm adjusted Curve Number	100-year storm adjusted Curve Number	SDA Minimum Compliance
4857-9	☐	6,949	0	4,500	2,449	0	0	345	0	0	0	78	79	80	No
4857-10	☐	2,230	0	260	1,970	0	0	194	0			40	40	40	No
4857-11	☐	8,706	0	241	8,465	0	0	810	0			40	40	40	No
4857-12	☐	16,656	0	16,216	440	0	0	447	0	0	0	65	69	71	No
4857-13	☐	11,237	0	8,181	3,056	0	0	495	0	0	0	71	75	76	No
4857-14	☐	14,280	0	11,904	2,376	0	0	523	0	0	0	73	75	75	No
4857-15	☐	7,073	0	5,273	1,800	0	0	303	0	0	0	74	76	77	No
4857-16	☐	8,544	0	5,469	3,075	0	0	429	0	0	0	82	82	82	No
4857-17	☐	4,296	1,226	3,070	0	0	0	77	0			40	40	40	No
4857-18	☐	4,095	0	1,663	2,432	0	0	273	0			40	40	40	No
4857-19	☐	5,517	0	1,597	3,920	0	0	412	0			40	40	40	No
4857-20	☐	10,233	0	4,992	5,241	0	0	623	0	0	0	86	86	86	No
4857-21	☐	99,275	0	98,815	460	0	0	2,514	0	0	0	74	74	74	No
4857-22	☐	6,601	0	3,595	3,006	0	0	375	0	0	0	74	77	79	No
4857-23	☐	4,889	0	2,418	2,471	0	0	295	0	0	0	76	79	80	No
4857-24	☐	4,057	0	777	3,280	0	0	331	0			40	40	40	No
4857-26	☐	2,839	0	150	2,689	0	0	259	0			40	40	40	No

Compliance data last updated: 03-25-2026 12:47 PM
Plan 4857 Page 3 of 16

Site Drainage Area ID	Public Right of Way	Total area (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Vehicular access area	SWRv (cubic feet)	WQTv (cubic feet)	Volume retained (cubic feet)	Volume treated (cubic feet)	2-year storm adjusted Curve Number	15-year storm adjusted Curve Number	100-year storm adjusted Curve Number	SDA Minimum Compliance
4857-27	☐	79,488	0	79,200	288	0	0	2,007	0	0	0	72	73	73	No
4857-28	☐	19,639	0	3,938	15,701	0	0	1,590	0	0	0	93	93	93	No
4857-29	☐	65,405	0	29,282	36,123	0	0	4,164	0	0	0	84	85	85	No
4857-30	☐	15,264	0	762	14,502	0	0	1,397	0			40	40	40	No
4857-31	☐	4,764	0	837	3,927	0	0	394	0	0	0	93	93	93	No
4857-32	☐	43,975	0	43,795	180	0	0	1,112	0			40	40	40	No
4857-33	☐	20,850	0	11,454	9,396	0	0	1,179	0	0	0	63	72	75	No
4857-34	☐	2,315	0	209	2,106	0	0	205	0			40	40	40	No
4857-35	☐	12,643	0	4,273	8,370	0	0	902	0	0	0	83	85	86	No
4857-36	☐	26,638	0	13,468	13,170	0	0	1,588	0	0	0	82	83	84	No
4857-37	☐	9,270	0	9,270	0	0	0	232	0			40	40	40	No
4857-38	☐	25,179	0	4,641	20,538	0	0	2,067	0	0	0	92	92	92	No
4857-39	☐	10,229	0	3,623	6,606	0	0	718	0			40	40	40	No
4857-40	☐	8,073	0	1,250	6,823	0	0	679	0			40	40	40	No
4857-41	☐	6,522	0	969	5,553	0	0	552	0			40	40	40	No
4857-42	☐	18,253	0	6,463	11,790	0	0	1,282	0			40	40	40	No
4857-43	☐	4,444	0	34	4,410	0	0	420	0			40	40	40	No

Compliance data last updated: 03-25-2026 12:47 PM
Plan 4857 Page 4 of 16

Site Drainage Area ID	Public Right of Way	Total area (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Vehicular access area	SWRv (cubic feet)	WQTv (cubic feet)	Volume retained (cubic feet)	Volume treated (cubic feet)	2-year storm adjusted Curve Number	15-year storm adjusted Curve Number	100-year storm adjusted Curve Number	SDA Minimum Compliance
4857-44	☐	13,870	0	5,502	8,368	0	0	933	0	0	0	78	81	82	No
4857-45	☐	10,302	0	5,751	4,551	0	0	576	0	0	0	71	76	77	No
4857-46	☐	27,686	0	11,886	15,800	0	0	1,798	0	0	0	78	80	82	No
4857-47	☐	7,283	0	5,003	2,280	0	0	342	0	0	0	61	69	73	No
4857-48	☐	6,732	0	4,657	2,075	0	0	314	0	0	0	57	68	72	No
4857-49	☐	6,303	0	4,387	1,916	0	0	292	0	0	0	55	67	71	No
4857-50	☐	5,473	0	3,711	1,762	0	0	260	0	0	0	57	68	72	No
4857-51	☐	6,677	0	3,890	2,787	0	0	362	0	0	0	67	73	76	No
4857-52	☐	10,136	0	2,939	7,197	0	0	757	0	0	0	90	90	90	No
4857-53	☐	8,028	0	1,770	6,258	0	0	639	0			40	40	40	No
4857-54	☐	27,911	0	11,355	16,556	0	0	1,857	0	0	0	82	83	84	No
4857-55	☐	12,776	0	7,127	5,649	0	0	715	0	0	0	76	78	80	No
4857-56	☐	18,093	0	10,385	7,708	0	0	992	0	0	0	77	79	80	No
4857-57	☐	16,144	0	8,254	7,890	0	0	956	0	0	0	78	80	81	No
4857-58	☐	3,330	0	549	2,781	0	0	278	0			40	40	40	No
4857-59	☐	9,854	0	5,199	4,655	0	0	572	0	0	0	73	77	79	No
4857-60	☐	5,482	0	1,545	3,937	0	0	413	0	0	0	89	89	89	No

Compliance data last updated: 03-25-2026 12:47 PM
Plan 4857 Page 5 of 16

SW-43

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

STORMWATER MANGEMENT COMPLIANCE DATA

DIVISION CHIEF

DATE

FILE

SHEET 194 OF 576

DISTRICT OF COLUMBIA — AVENDE THOMAS — No. PE40000372 — LICENSED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	195	576

Site Drainage Area ID	Public Right of Way	Total area (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Vehicular access area	SWRv (cubic feet)	WQTv (cubic feet)	Volume retained (cubic feet)	Volume treated (cubic feet)	2-year storm adjusted Curve Number	15-year storm adjusted Curve Number	100-year storm adjusted Curve Number	SDA Minimum Compliance
4857-61	☐	31,133	0	9,301	21,832	0	0	2,307	0	0	0	89	89	89	No
4857-62	☐	6,332	0	0	6,332	0	0	602	0			40	40	40	No
4857-63	☐	6,939	0	36	6,903	0	0	657	0			40	40	40	No
4857-64	☐	21,912	0	6,552	15,360	0	0	1,623	0			40	40	40	No
4857-65	☐	12,887	0	2,988	9,899	0	0	1,015	0			40	40	40	No
4857-66	☐	7,354	0	3,139	4,215	0	0	479	0			40	40	40	No
4857-67	☐	9,368	0	4,768	4,600	0	0	556	0			40	40	40	No
4857-68	☐	222,635	0	156,432	66,203	0	0	10,200	0	0	0	80	80	80	No
4857-69	☐	5,853	0	421	5,432	0	0	527	0			40	40	40	No
4857-70	☐	4,534	0	0	4,534	0	0	431	0			40	40	40	No
4857-71	☐	2,183	0	0	2,183	0	0	207	0			40	40	40	No
4857-72	☐	6,939	0	0	6,939	0	0	659	0			40	40	40	No
4857-73	☐	4,550	0	0	4,550	0	0	432	0			40	40	40	No
4857-74	☐	5,015	0	0	5,015	0	0	476	0			40	40	40	No
4857-75	☐	5,307	0	0	5,307	0	0	504	0			40	40	40	No
4857-76	☐	3,476	0	0	3,476	0	0	330	0			40	40	40	No
4857-77	☐	5,241	0	0	5,241	0	0	498	0			40	40	40	No

Compliance data last updated: 03-25-2026 12:47 PM
Plan 4857 Page 6 of 16

Site Drainage Area ID	Public Right of Way	Total area (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Vehicular access area	SWRv (cubic feet)	WQTv (cubic feet)	Volume retained (cubic feet)	Volume treated (cubic feet)	2-year storm adjusted Curve Number	15-year storm adjusted Curve Number	100-year storm adjusted Curve Number	SDA Minimum Compliance
4857-78	☐	1,530	0	0	1,530	0	0	145	0			40	40	40	No
4857-79	☐	1,516	0	0	1,516	0	0	144	0			40	40	40	No
4857-80	☐	2,370	0	0	2,370	0	0	225	0			40	40	40	No
4857-81	☐	3,737	0	0	3,737	0	0	355	0			40	40	40	No
4857-82	☐	7,615	0	67	7,548	0	0	719	0			40	40	40	No
4857-83	☐	25,928	0	19,117	6,811	0	0	1,125	0			40	40	40	No
4857-84	☐	3,403	0	443	2,960	0	0	292	0			40	40	40	No
4857-85	☐	11,000	0	4,513	6,487	0	0	729	0			40	40	40	No
4857-86	☐	611	0	611	0	0	0	15	0			40	40	40	No

Site BMP Compliance Data

Compliance data last updated: 03-25-2026 12:47 PM
Plan 4857 Page 7 of 16

BMP ID number	Type	Total CDA (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Total Post project vehicular access area	Volume received from upstream BMPs (cubic feet)	Max volume received by BMP (cubic feet)	Storage volume (cubic feet)	Retention calculation	Volume retained (cubic feet)	Volume treated (cubic feet)	Downstream BMP ID Numbers
4857-9-1	Permeable pavers - Standard	0						0	0	173	5 cubic feet per 100 square feet	0	0	
4857-12-1	Permeable pavers - Standard	0						0	0	632	5 cubic feet per 100 square feet	0	0	
4857-13-1	Permeable pavers - Standard	0						0	0	511	5 cubic feet per 100 square feet	0	0	
4857-14-1	Permeable pavers - Standard	0						0	0	365	5 cubic feet per 100 square feet	0	0	
4857-15-1	Permeable pavers - Standard	0						0	0	223	5 cubic feet per 100 square feet	0	0	
4857-16-1	Permeable pavers - Standard	0						0	0	55	5 cubic feet per 100 square feet	0	0	

Compliance data last updated: 03-25-2026 12:47 PM
Plan 4857 Page 8 of 16

BMP ID number	Type	Total CDA (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Total Post project vehicular access area	Volume received from upstream BMPs (cubic feet)	Max volume received by BMP (cubic feet)	Storage volume (cubic feet)	Retention calculation	Volume retained (cubic feet)	Volume treated (cubic feet)	Downstream BMP ID Numbers
4857-20-1	Permeable pavers - Standard	0						0	0	42	5 cubic feet per 100 square feet	0	0	
4857-21-1	Permeable pavers - Standard	0						0	0	4	5 cubic feet per 100 square feet	0	0	
4857-22-1	Permeable pavers - Standard	0						0	0	402	5 cubic feet per 100 square feet	0	0	
4857-23-1	Permeable pavers - Standard	0						0	0	286	5 cubic feet per 100 square feet	0	0	
4857-27-1	Permeable pavers - Standard	0						0	0	613	5 cubic feet per 100 square feet	0	0	
4857-28-1	Permeable pavers - Standard	0						0	0	47	5 cubic feet per 100 square feet	0	0	

Compliance data last updated: 03-25-2026 12:47 PM
Plan 4857 Page 9 of 16

SW-44

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANGEMENT COMPLIANCE DATA

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 195 OF 576

DISTRICT OF COLUMBIA · AVENDE THOMAS · No. PE40000372 · LICENSED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	196	576

BMP ID number	Type	Total CDA (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Total Post project vehicular access area	Volume received from upstream BMPs (cubic feet)	Max volume received by BMP (cubic feet)	Storage volume (cubic feet)	Retention calculation	Volume retained (cubic feet)	Volume treated (cubic feet)	Downstream BMP ID Numbers
4857-29-1	Permeable pavers - Standard	0						0	0	1,244	5 cubic feet per 100 square feet	0	0	
4857-31-1	Permeable pavers - Standard	0						0	0	22	5 cubic feet per 100 square feet	0	0	
4857-33-1	Traditional bioretention - Standard	0						0	0	898	60% of storage volume	0	0	
4857-33-2	Permeable pavers - Standard	0						0	0	1,218	5 cubic feet per 100 square feet	0	0	
4857-35-1	Permeable pavers - Standard	0						0	0	546	5 cubic feet per 100 square feet	0	0	
4857-36-1	Permeable pavers - Standard	0						0	0	596	5 cubic feet per 100 square feet	0	0	

Compliance data last updated: 03-25-2026 12:47 PM
Plan 4857 Page 10 of 16

BMP ID number	Type	Total CDA (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Total Post project vehicular access area	Volume received from upstream BMPs (cubic feet)	Max volume received by BMP (cubic feet)	Storage volume (cubic feet)	Retention calculation	Volume retained (cubic feet)	Volume treated (cubic feet)	Downstream BMP ID Numbers
4857-38-1	Permeable pavers - Standard	0						0	0	360	5 cubic feet per 100 square feet	0	0	
4857-44-1	Permeable pavers - Standard	0						0	0	860	5 cubic feet per 100 square feet	0	0	
4857-45-1	Permeable pavers - Standard	0						0	0	733	5 cubic feet per 100 square feet	0	0	
4857-46-1	Permeable pavers - Standard	0						0	0	1,668	5 cubic feet per 100 square feet	0	0	
4857-47-1	Permeable pavers - Standard	0						0	0	649	5 cubic feet per 100 square feet	0	0	
4857-48-1	Permeable pavers - Standard	0						0	0	658	5 cubic feet per 100 square feet	0	0	

Compliance data last updated: 03-25-2026 12:47 PM
Plan 4857 Page 11 of 16

BMP ID number	Type	Total CDA (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Total Post project vehicular access area	Volume received from upstream BMPs (cubic feet)	Max volume received by BMP (cubic feet)	Storage volume (cubic feet)	Retention calculation	Volume retained (cubic feet)	Volume treated (cubic feet)	Downstream BMP ID Numbers
4857-49-1	Permeable pavers - Standard	0						0	0	646	5 cubic feet per 100 square feet	0	0	
4857-50-1	Permeable pavers - Standard	0						0	0	554	5 cubic feet per 100 square feet	0	0	
4857-51-1	Permeable pavers - Standard	0						0	0	554	5 cubic feet per 100 square feet	0	0	
4857-52-1	Permeable pavers - Standard	0						0	0	93	5 cubic feet per 100 square feet	0	0	
4857-54-1	Permeable pavers - Standard	0						0	0	1,150	5 cubic feet per 100 square feet	0	0	
4857-55-1	Permeable pavers - Standard	0						0	0	631	5 cubic feet per 100 square feet	0	0	

Compliance data last updated: 03-25-2026 12:47 PM
Plan 4857 Page 12 of 16

BMP ID number	Type	Total CDA (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Total Post project vehicular access area	Volume received from upstream BMPs (cubic feet)	Max volume received by BMP (cubic feet)	Storage volume (cubic feet)	Retention calculation	Volume retained (cubic feet)	Volume treated (cubic feet)	Downstream BMP ID Numbers
4857-56-1	Permeable pavers - Standard	0						0	0	770	5 cubic feet per 100 square feet	0	0	
4857-57-1	Permeable pavers - Standard	0						0	0	739	5 cubic feet per 100 square feet	0	0	
4857-59-1	Permeable pavers - Standard	0						0	0	671	5 cubic feet per 100 square feet	0	0	
4857-60-1	Permeable pavers - Standard	0						0	0	108	5 cubic feet per 100 square feet	0	0	
4857-61-1	Permeable pavers - Standard	0						0	0	500	5 cubic feet per 100 square feet	0	0	
4857-68-1	Permeable pavers - Standard	0						0	0	1,601	5 cubic feet per 100 square feet	0	0	

Compliance data last updated: 03-25-2026 12:47 PM
Plan 4857 Page 13 of 16

PROW Drainage Area Compliance Data

Site Drainage Area ID	Public Right of Way	Total area (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Vehicular access area	SWRv (cubic feet)	WQTv (cubic feet)	Volume retained (cubic feet)	Volume treated (cubic feet)
4857-1	☒	13,337	0	6,390	6,947	0	0	820	0		
4857-2	☒	11,207	0	2,377	8,830	0	0	898	0	0	291
4857-3	☒	19,323	0	8,711	10,612	0	0	1,226	0	0	0
4857-4	☒	6,137	0	1,440	3,807	890	0	482	0	0	0
4857-5	☒	25,121	0	20,406	4,715	0	0	958	0	0	0
4857-6	☒	9,482	0	1,230	8,252	0	0	815	0	0	0
4857-7	☒	19,092	0	6,024	13,068	0	0	1,392	0		
4857-8	☒	15,733	0	7,685	8,048	0	0	957	0	0	0
4857-25	☒	31,827	0	9,915	21,912	0	0	2,330	0	0	0

PROW BMP Compliance Data

Compliance data last updated: 03-25-2026 12:47 PM
Plan 4857 Page 14 of 16

SW-45

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANGEMENT COMPLIANCE DATA

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE
SHEET 196 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	197	576

BMP ID number	Type	Total CDA (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Total Post project vehicular access area	Volume received from upstream BMPs (cubic feet)	Max volume received by BMP (cubic feet)	Storage volume (cubic feet)	Retention calculation	Volume retained (cubic feet)	Volume treated (cubic feet)	Downstream BMP ID Numbers
4857-2-1	Permeable pavers - Standard	11,207	0	2,377	8,830			0	1,273	291	5 cubic feet per 100 square feet	0	291	
4857-3-1	Permeable pavers - Standard	0						0	0	264	5 cubic feet per 100 square feet	0	0	
4857-4-1	Permeable pavers - Standard	0						0	0	285	5 cubic feet per 100 square feet	0	0	
4857-5-1	Permeable pavers - Standard	0						0	0	541	5 cubic feet per 100 square feet	0	0	
4857-6-1	Permeable pavers - Standard	0						0	0	118	5 cubic feet per 100 square feet	0	0	
4857-8-1	Permeable pavers - Standard	0						0	0	394	5 cubic feet per 100 square feet	0	0	

BMP ID number	Type	Total CDA (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Total Post project vehicular access area	Volume received from upstream BMPs (cubic feet)	Max volume received by BMP (cubic feet)	Storage volume (cubic feet)	Retention calculation	Volume retained (cubic feet)	Volume treated (cubic feet)	Downstream BMP ID Numbers
4857-25-1	Traditional bioretention - Standard	0						0	0	1,682	60% of storage volume	0	0	
4857-25-2	Permeable pavers - Standard	0						0	0	884	5 cubic feet per 100 square feet	0	0	

AS-BUILT CERTIFICATION BY PROFESSIONAL ENGINEER

Within 21 days after completion of construction of all stormwater best management practices (BMPs), stormwater infrastructure, and land covers (collectively the "Facility"), please send this page to the Watershed Protection Division of the Department of Energy and Environment.

1. ***Facility information:***

Source Name: _____

Source Location: Street: _____

City: _____

DCRA Permit No.: _____

Date Issued: _____

2. ***As Built Certification***

I hereby certify that all stormwater best management practices (BMPs), stormwater infrastructure, and land covers have been built substantially in accordance with the approved plans and specifications and that any deviations noted below will not prevent the system from functioning in compliance with the requirements Chapter 5 of Title 21 of the District of Columbia Municipal Regulations when properly maintained and operated. These determinations have been based upon on-site observation of construction, scheduled and conducted by me or by a project representative under my direct supervision. I have enclosed one set of as-built engineering drawings.

_____ Signature of Engineer

_____ Name (Please Type) D.C. Reg. No.

Affix Seal:

_____ Company Name

_____ Company Address

_____

Date: _____ Phone No.: _____

Substantial deviations from the approved plans and specifications (attach additional sheets if required).

_____

_____

_____

_____

STATEMENT BY PROFESSIONAL ENGINEER REGISTERED IN THE DISTRICT OF COLUMBIA

This is to certify that the engineering features of all stormwater best management practices (BMPs), stormwater infrastructure, and land covers (collectively the "Facility") have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of stormwater pollutants. I further certify that the Facility has been designed in accordance with the specification required under Chapter 5 of Title 21 of the District of Columbia Municipal Regulations. It is also stated that the undersigned has furnished the applicant with a set of instructions for the maintenance and operation of the site's Facility.

Ayende Thomas, P.E.
Name and Title (please type)

One Inventa Place, West Tower, Suite 950
Address
Silver Spring, MD 20910

Date 03/26/2026 Phone No: 240-514-0717

Affix Seal:

DISTRICT OF COLUMBIA AYENDE THOMAS No. PE40000372 LICENSED PROFESSIONAL ENGINEER

DISTRICT OF COLUMBIA AYENDE THOMAS No. PE40000372 LICENSED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-46

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANGEMENT COMPLIANCE DATA

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE

FILE

SHEET 197 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	198	576

GOVERNMENT OF THE DISTRICT OF COLUMBIA
Department of Energy and Environment

Construction and Maintenance Branch

Permeable Pavement - CONSTRUCTION INSPECTION REPORT

Building Permit #: _____ Plan and File #: _____ Lot: _____ Square: _____

Project Address: _____ Ward: _____

Contractor: _____ Email: _____

Engineer: _____ Email: _____

Responsible For Maintenance: _____ Email: _____

Date Started: _____ Final Inspection Date: _____ As-Built Plan Due Date: _____

Inspection Items	Yes	No	Remarks	Date Completed
Permeable pavement type: __ Standard __ Enhanced				
Site Preparation: Have erosion and sediment controls been properly installed according to approved plans?				
Is storm water runoff being diverted around the facility?				
Has the contributing drainage area been fully stabilized?				
Subgrade Preparation: Is subgrade suitable free of debris, standing water, properly graded?				
If enhanced design (for infiltration), is subgrade compaction avoided?				
Filter Layer or Filter Fabric (where Applicable): Does the filter layer and/or filter fabric meet the specifications and is it installed according to the plan specifications?				
Underdrain and Reservoir Layer: Does the underdrain meet specifications with correct hole pattern, elevation, slope, size, and number?				
Are caps placed on the upstream (but not the downstream) ends of the underdrains ?				
Is the upstream end of the underdrain capped?				
Does the stone reservoir meet specifications (clean, washed, free of fines) and is it installed to design depth?				
Is at least 2 inches of aggregate provided above and (for standard design) a maximum of 2 inches below the underdrains?				
Surface Material: Does the surface material meet the specification and has it been properly installed?				
Is the surface slope to spec (max 5%) and can runoff spread evenly across it?				
Has the surface material had adequate curing time (for Porous Asphalt and Pervious Concrete)?				
Is the surface free of fines and areas of clogging?				

Over Flow Drain (where Applicable): Is overflow invert at correct elevation?				
Observation Well: Is observation well(s) placed per plan specification?				
Setback: If facility is within 10 feet of property line/building, is adequate waterproofing protection provided?				
Final Inspection: Observation well(s)/cleanout(s) free of construction debris and sediment? Can water infiltrate properly into the practice?				

Note: Material invoices and certifications should be submitted to show conformance to specifications.

Owner/Agent_____ Inspector _____ Date_____

GOVERNMENT OF THE DISTRICT OF COLUMBIA
Department of Energy and Environment

Construction and Maintenance Branch

Bioretention Construction Inspection Report

Building Permit #: _____ Plan and File#: _____ Lot: _____ Square: _____

Project Address: _____ Ward: _____

Contractor: _____ Email: _____

Engineer: _____ Email: _____

Responsible For Maintenance: _____ Email: _____

Date Started: _____ Final Inspection Date: _____ As-Built Plan Due Date: _____

Inspection Items	Yes	No	Remarks	Date
Bioretention type : Standard _____ Enhanced _____ : Online _____ Offline _____				
Inflow/Overflow: Are inflow/overflow/outflow inverts at the correct elevations?				
Is stormwater runoff being diverted around practice during construction (if possible)?				
Is adequate erosion and sediment control measure(s) placed/installed around the bioretention?				
Is inflow pipe to practice covered with filter fabric to prevent debris from entering?				
Is pretreatment provided per the approved plan ?				
Is ponding depth per design (3 inches minimum, 18 inches maximum)?				
Grading: Has bioretention area been graded as indicated in the plan?				
If design includes infiltration, is subgrade compaction avoided??				
Setback: If facility is within 10 feet of property line/building, is adequate waterproofing membrane provided?				
Underdrain and Aggregate Layer: Does the underdrain have 3/8" holes spaced at least every 6"?				

Inspection Items	Yes	No	Remarks	Date
Does the underdrain meet plan specifications for elevation and slope?				
Are cleanouts/observation wells and caps installed according to the plan specifications?				
Does the aggregate meet plan specifications?				
Does the aggregate depth match the plan?				
Filter Media				
Does the filter media meet specifications? *(Attach lab report and material certification.)*				
Does the filter media depth match plan specifications?				
Plant Materials:				
Are all plants installed as per landscape plan?				
Is mulching soil installed as per plan specifications?				
Has the contributing drainage area been fully stabilized?				
Observation Well:				
Are cleanouts/observation wells free of construction debris and soil?				

Owner/ Agent_____ Inspector_____ Date_____

GOVERNMENT OF THE DISTRICT OF COLUMBIA
Department of Energy and Environment

Permeable Pavement Maintenance Inspection Report

Name/Facility Address:	File/Plan no.
Owner/Agent:	Ward:
Mailing Address:	
Phone/Email	
Date/Weather	

Maintenance Item	Yes/No/N/A	Comments
1. Surface Condition		
Clear of debris/sediment/weeds		
Evidence of surface clogging		
Sweeping needed		
Surface deformation or spalling		
Structure repair needed		
2. Underdrains and Cleanouts		
Underdrain(s)		
Observation well(s)		
Evidence of surface clogging		
Standing water		
Lowest reverse < 4"		____ Hours; ____ Days
3. Overflow		
Overflow device		
Debris and sediment in overflow		
Overflow repair needed		
Actions to be Taken:		

GOVERNMENT OF THE DISTRICT OF COLUMBIA
Department of Energy and Environment

Bioretention/Planters Maintenance Inspection Report

Name/Facility Address:	File/Plan no.
Owner/Agent:	Ward:
Mailing Address:	
Phone/Email	
Date/Weather:	

Maintenance Item	Yes/No/N/A	Comments
1. Inlets and Drainage Area		
Inlet type(s)		
Inlet repair needed		
Pre-treatment clear of debris/sediment		
Evidence of erosion in drainage area		
Drainage area clear of trash/debris/clippings		
Stone weir sediment accumulation		
2. Bioretention Facility		
Sediments and trash accumulation		
Filter surface clogging		
Overflow clear of debris		
Erosion in facility		
Inadequate mulch thickness		
Outlets in good condition		
Outlets repair needed		
Underdrains/Observation wells/Clean-outs		
Dewaters between storms within 48 hours		
3. Vegetation		
Dead or diseased plants		
Stakes and wires		
Inadequate watering		

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

SW-47

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

STORMWATER MANGEMENT COMPLIANCE DATA

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

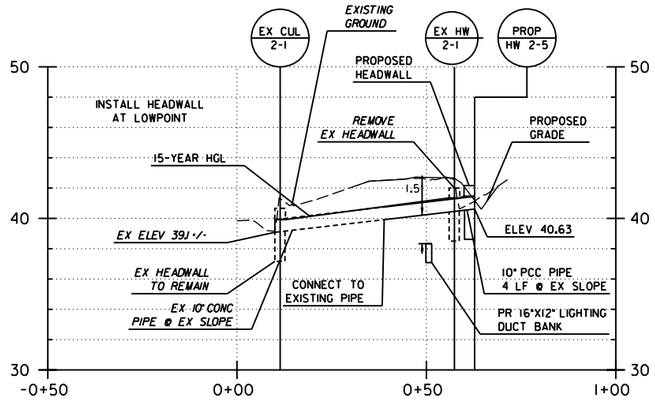
DIVISION CHIEF

DATE _____
FILE _____
SHEET 198 OF 576

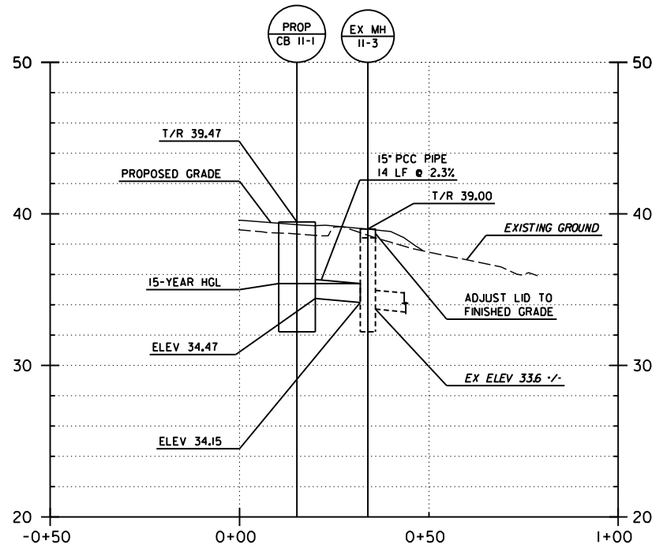
#DATE#
#FILE#

DEPARTMENT OF ENERGY & ENVIRONMENT

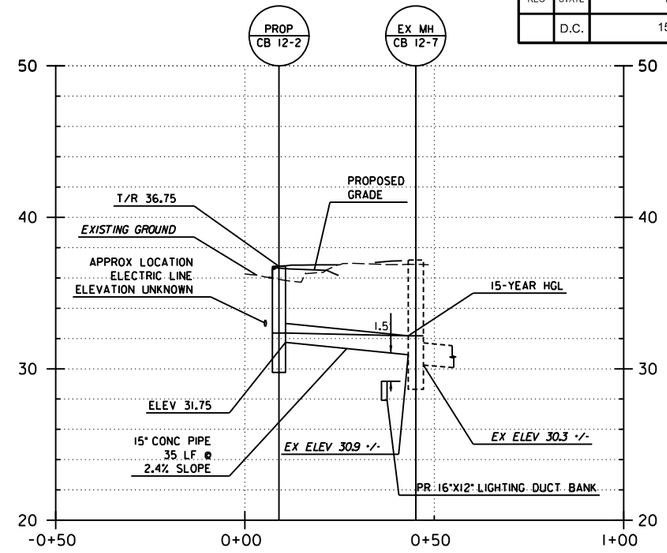
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	199	576



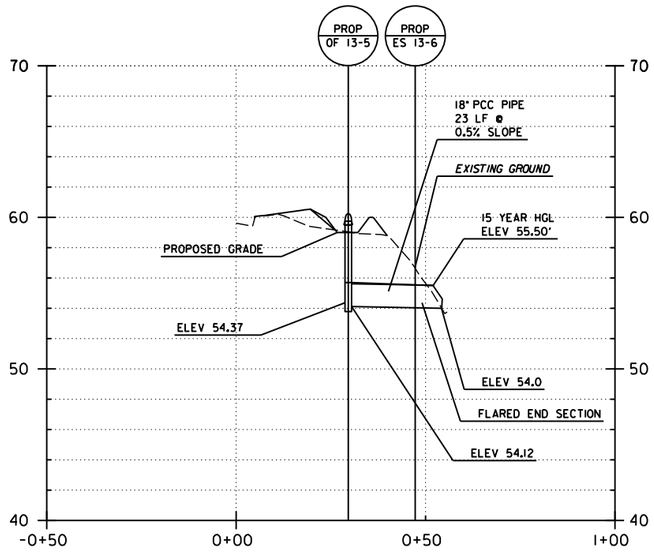
EX. CULVERT 2-1 TO PROP. HW 2-5



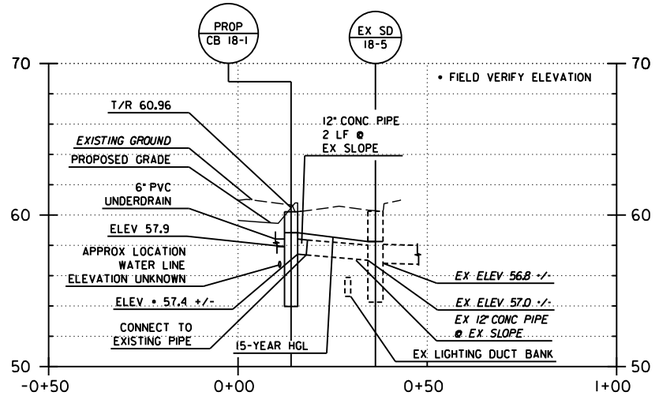
EX. MH 11-3 TO PROP. CB 11-1



PROP. CB 12-2 TO EX. MH 12-7



PROP. CB 13-2 TO PROP. ES 13-6



PROP. CB 18-1 TO EXIST. SD 18-5

DP-1

20' 0 20' 40'

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=10'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE

SHEET 199 OF 576

DRAINAGE PROFILES

DISTRICT OF COLUMBIA
BRIANNA R. ALLISON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

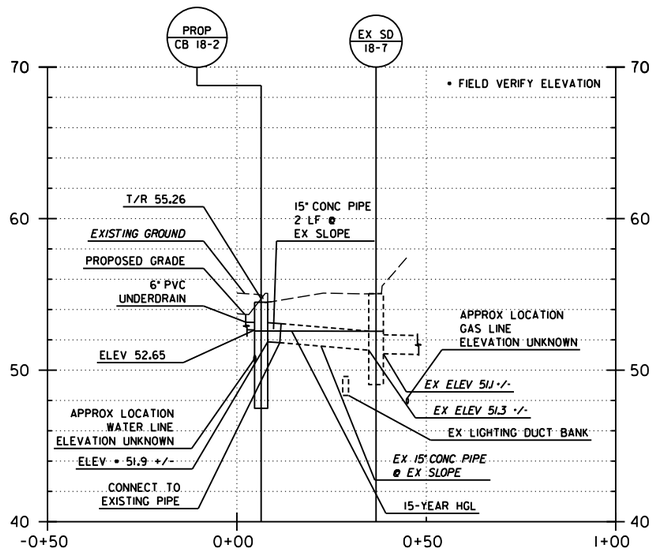
NO.	DESCRIPTION	NAME	DATE

REVISIONS

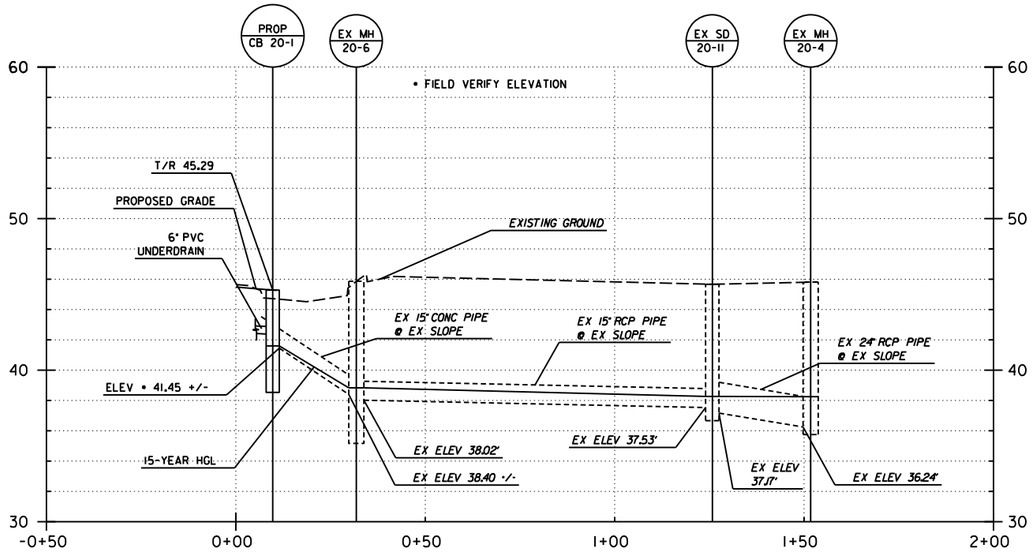
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

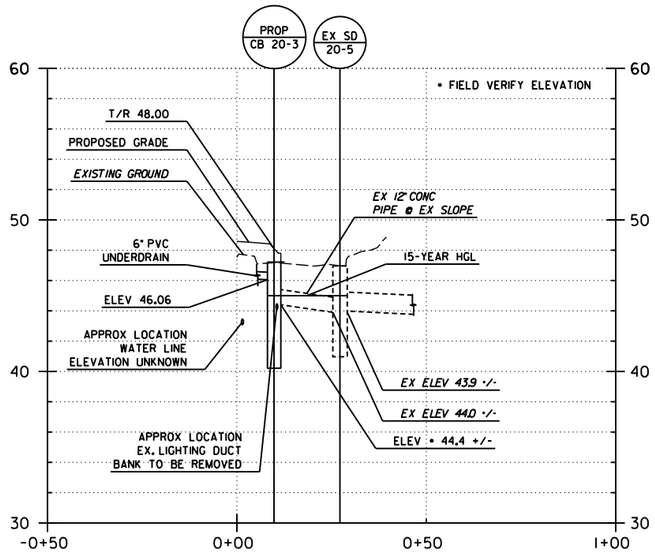
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	200	576



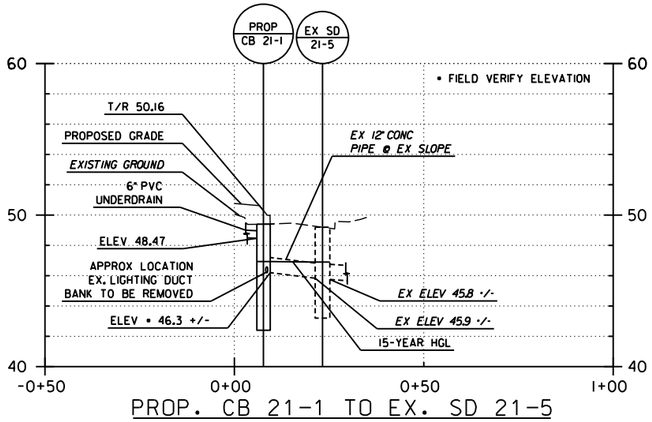
PROP. CB 18-2 TO EX. SD 18-7



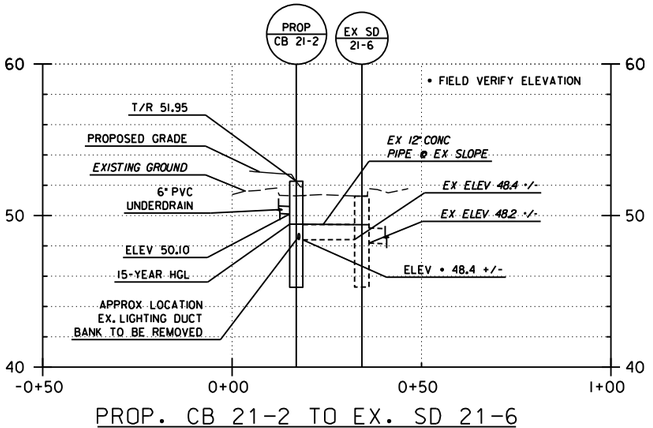
PROP. CB 20-1 TO EX. MH 20-4



PROP. CB 20-3 TO EX. SD 20-5



PROP. CB 21-1 TO EX. SD 21-5



PROP. CB 21-2 TO EX. SD 21-6

DP-2

20' 0 20' 40'
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=10'

DISTRICT OF COLUMBIA
MELANY R. ALLISON
PE906849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DRAINAGE PROFILES

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

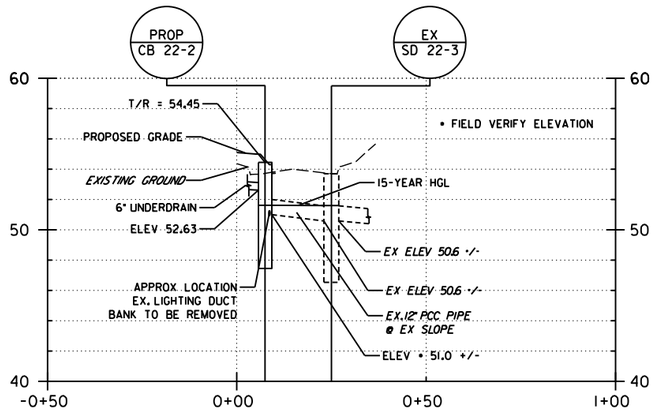
DIVISION CHIEF

DATE
FILE
SHEET 200 OF 576

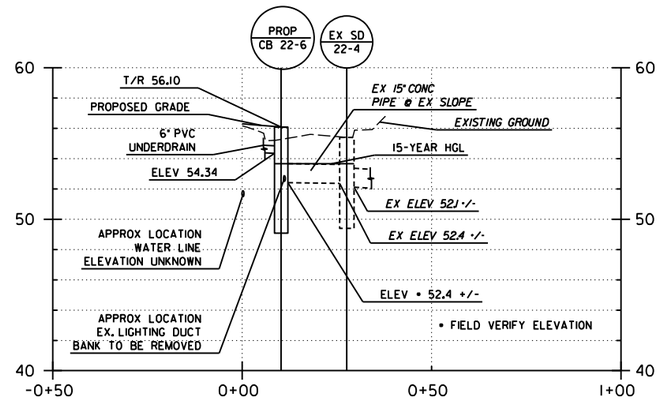
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

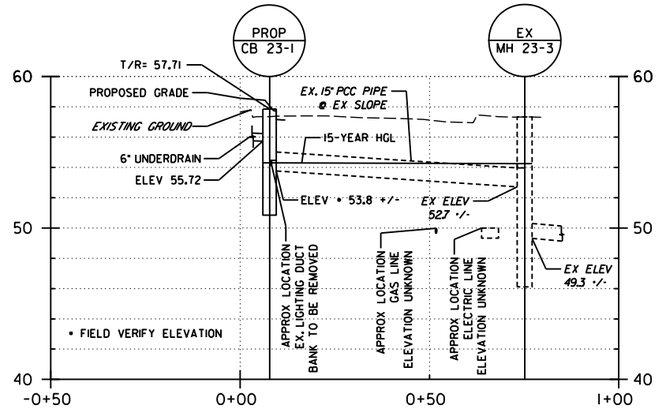
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	201	576



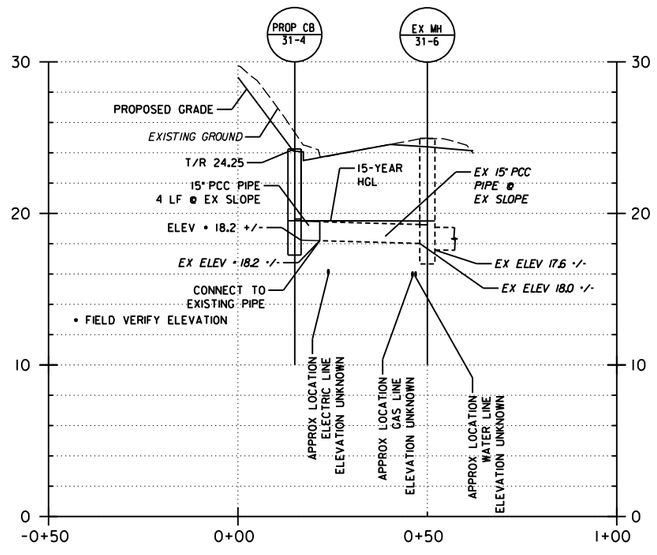
PROP. CB 22-2 TO EX. SD 22-3



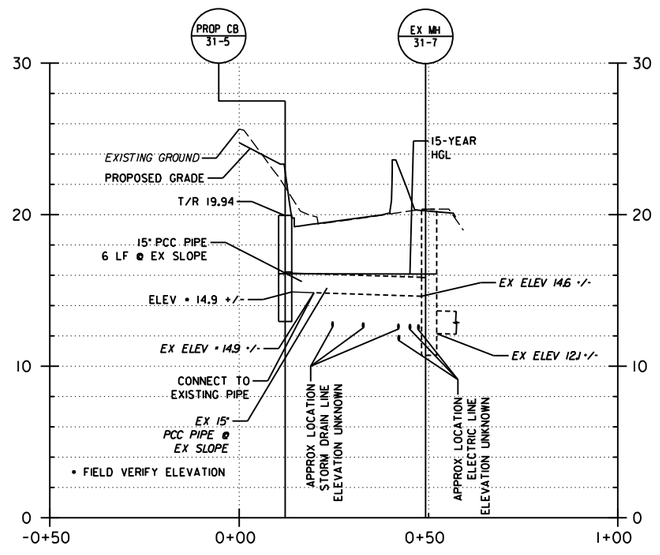
PROP. CB 22-6 TO EX. SD 22-4



PROP. CB 23-1 TO EX. MH 23-3



PROP. CB 31-4 TO EX. SD 31-6



PROP. CB 31-5 TO EX. MH 31-7

DP-3

20' 0 20' 40'

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=10'

DISTRICT OF COLUMBIA
MELANY R. ALLISON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DRAINAGE PROFILES

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

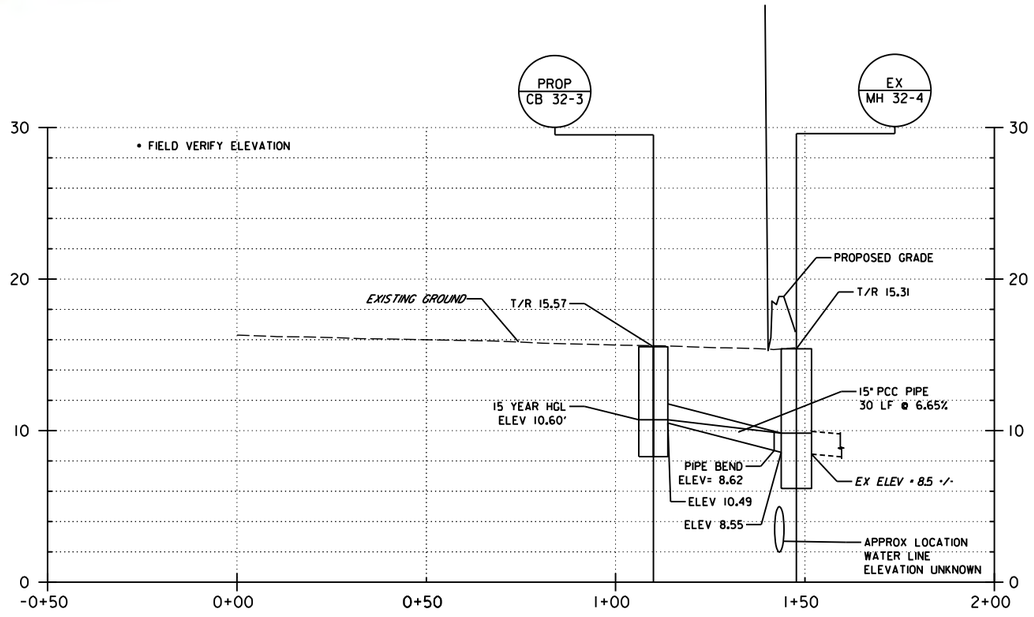
DIVISION CHIEF

DATE
FILE
SHEET 201 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	202	576



PROP. CB 32-3 TO EX. MH 32-4

DP-4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DRAINAGE PROFILES

20' 0 20' 40'
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=10'

DISTRICT OF COLUMBIA
DELANY R. ALLISTON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

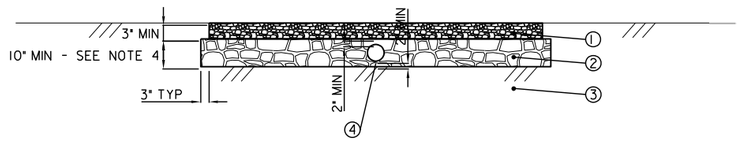
DATE
FILE
SHEET 202 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

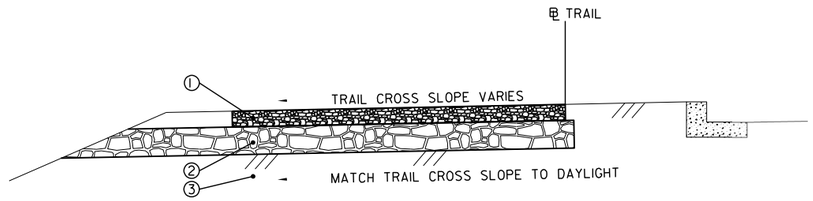
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	203	576

• STEEPER SLOPE ALLOWED IF APPROVED BY DDOT IPMA.



POROUS PAVEMENT SECTION WITH UNDERDRAIN

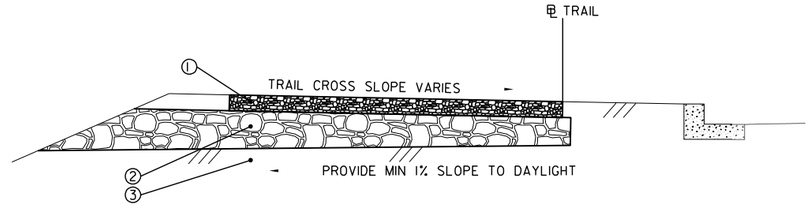
SCALE: NTS



POROUS PAVEMENT SECTION WITHOUT UNDERDRAIN

TRAIL CROSS SLOPE AWAY FROM EXISTING ROADWAY

SCALE: NTS



POROUS PAVEMENT SECTION WITHOUT UNDERDRAIN

TRAIL CROSS SLOPE TOWARDS EXISTING ROADWAY

POROUS PAVEMENT SECTION WITH UNDERDRAIN NOTES

1. DETAIL TO BE USED ONLY WHEN APPROVED BY DDOT IPMA AND SHALL MEET CURRENT APPROVED DDOT SPECIFICATION FOR 'POROUS ASPHALT PAVEMENT'.
2. AGGREGATE LAYERS SHALL MEET CURRENT APPROVED DDOT SPECIFICATION FOR 'AGGREGATES FOR PERMEABLE PAVEMENT AND BIORETENTION'.
3. WATERPROOF MEMBRANE TO BE USED TO PROMOTE WATER RE-USE, PROTECT NEARBY BUILDING FOUNDATIONS AND AVOID INFILTRATION AROUND UTILITIES. SEE DESIGN PLANS.
4. BOTTOM OF PERMEABLE PAVEMENT STRUCTURE SHALL BE AT LEAST 2' ABOVE THE SEASONAL HIGH WATER TABLE OR BEDROCK, AS DETERMINED BY GEOTECHINCAL INVESTIGATION.
5. TOP OF PAVEMENT SHOULD BE DESIGNED TO ACHIEVE 1% MINIMUM SLOPE IN ANY DIRECTION.

LEGEND

SCALE: NTS

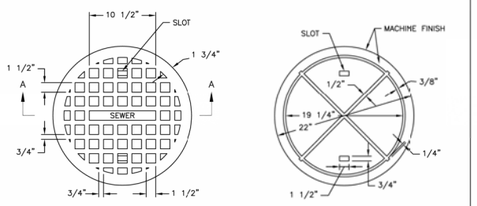
① POROUS ASPHALT SURFACE COURSE - SEE ROADWAY PLANS FOR MORE DETAILS

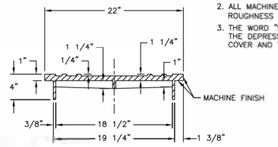
② AGGREGATE BASE, AASHTO #57 OR APPROVED EQUIVALENT

③ UNCOMPACTED SUBGRADE FOR AREAS DESIGNED FOR FILTRATION OR INFILTRATION PRACTICES. FOR OTHER AREAS COMPACT AS SPECIFIED IN SPECIFICATION CITED IN NOTE 2. FOR SOFT SOILS, INSTALL GEOGRID PER GEOTECHNICAL ENGINEER RECOMMENDATIONS.

④ 6" PERFORATED PVC UNDERDRAIN PIPE

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-90.21 1 OF 1





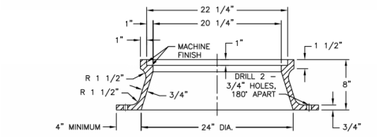
NOTES:
1. GRAY IRON CASTINGS PER ASTM A-48, CLASS 30A.
2. ALL MACHINE FINISH TO BE A.S.A. SPECIFICATION, ROUGHNESS SYMBOL 250, TOLERANCE –0" +1/16".
3. THE WORD "SEWER" IN 1" LETTER SHALL BE CAST IN THE DEPRESSION SHOWN IN THE CENTER OF TOP OF COVER AND TO BE FLUSH WITH SURFACE OF COVER.

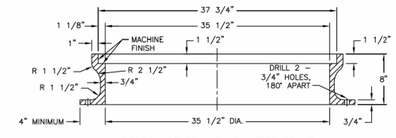
APPROVED DATE: June 20, 2005 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0 | DATE: 6/20/03 | PREPARED BY: DBG/BKJV | CHECKED BY: W.DARROW

STANDARD DETAIL

DETAILS OF 24" CAST IRON MANHOLE COVER

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-90.24 1 OF 1





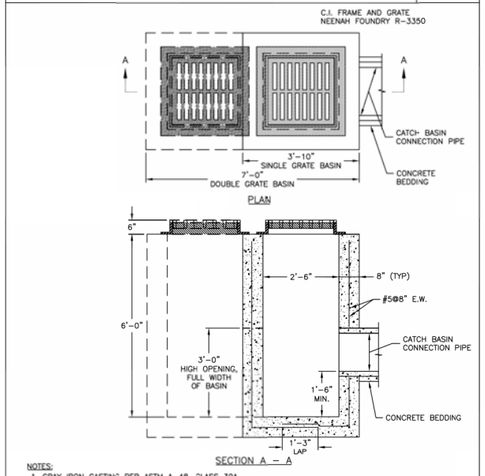
NOTE:
1. GRAY IRON CASTINGS PER ASTM A 48, CLASS 30A.
2. ALL MACHINE FINISH TO BE A.S.A. SPECIFICATION, ROUGHNESS SYMBOL 250, TOLERANCE –0" +1/16".

APPROVED DATE: June 20, 2005 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0 | DATE: 6/20/03 | PREPARED BY: DBG/BKJV | CHECKED BY: W.DARROW

STANDARD DETAIL

DETAILS OF 24" & 36" DIAMETER CAST IRON FRAMES

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-30.30 1 OF 2

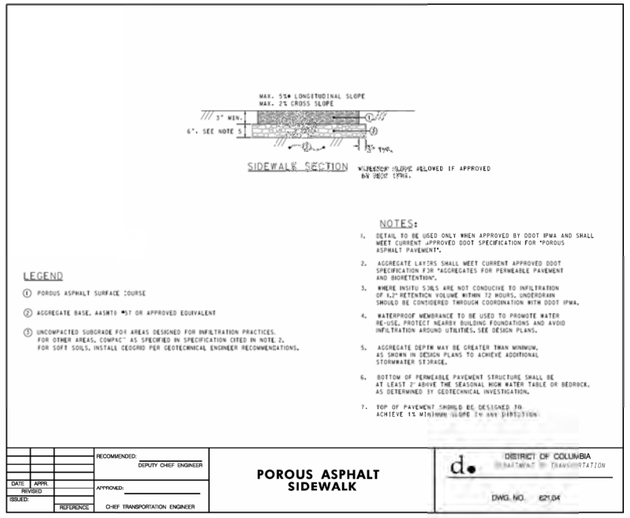


NOTES:
1. GRAY IRON CASTING PER ASTM A-48, CLASS 30A.
2. ALL MACHINE FINISH TO BE A.S.A. SPECIFICATION, ROUGHNESS SYMBOL 250, TOLERANCE –0 + 1/16".
3. ALL CONCRETE TO BE CLASS 4000, AIR ENTRAINED TYPE II CEMENT.
4. BASIN TO BE USED IN UNPAVED AREAS ONLY.
5. REINFORCING SHAL BE CENTERED IN WALL AND BASE AND SHALL CONFORM TO ASTM A615 GRADE 60.

APPROVED DATE: June 20, 2005 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0 | DATE: 6/20/03 | PREPARED BY: DBG/BKJV | CHECKED BY: W.DARROW

STANDARD DETAIL

FIELD INLET
GRATE TYPE CATCH BASIN



RECOMMENDED: DEPUTY CHIEF ENGINEER
APPROVED: CHIEF TRANSPORTATION ENGINEER
DATE | APPR. | REVISED | ISSUED | REFERENCE

POROUS ASPHALT SIDEWALK

DISTRICT OF COLUMBIA — DEPARTMENT OF TRANSPORTATION
DWG. NO. 621.04

SD-1

DISTRICT OF COLUMBIA — MELANY R. ALLISON — PE906849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DRAINAGE DETAILS

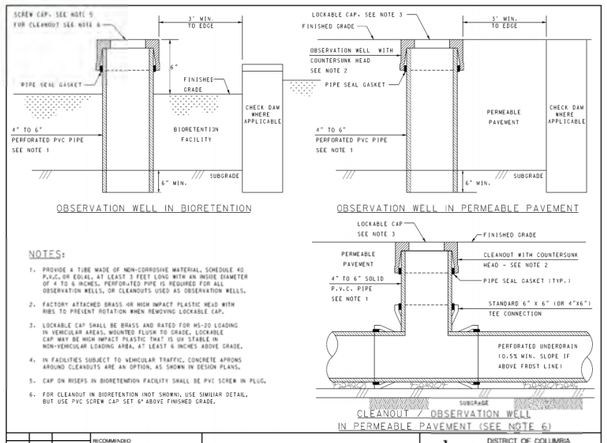
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

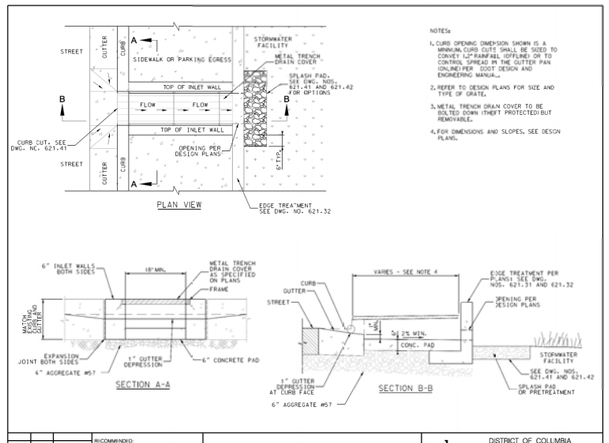
DIVISION CHIEF
DATE
FILE
SHEET 203 OF 576

$DATE$
$FILE$

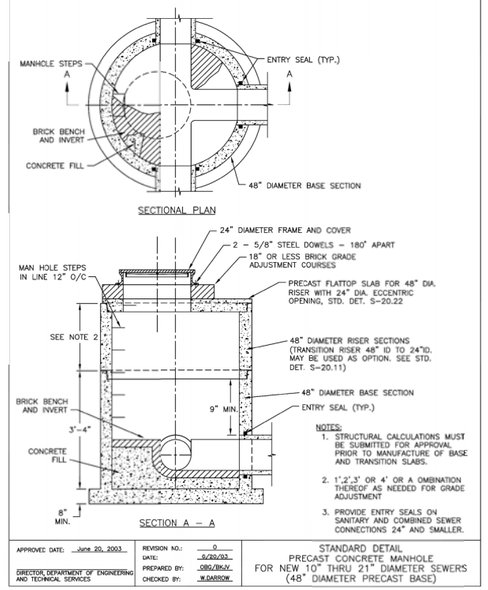
DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	204	576





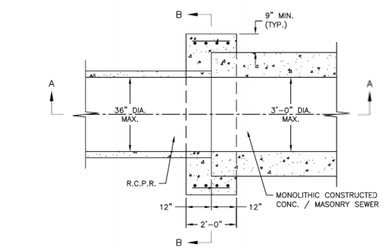
DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-20.01 1 OF 1



APPROVED DATE: June 20, 2003	REVISION NO.: 0
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES	DATE: 6/20/03
	PREPARED BY: DBG/BKV
	CHECKED BY: W.DARROW

STANDARD DETAIL
PRECAST CONCRETE MANHOLE
FOR NEW 10" THRU 21" DIAMETER SEWERS
(48" DIAMETER PRECAST BASE)

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-60.05 1 OF 1

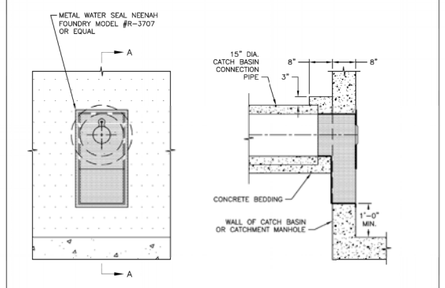


NOTE:
1. ALL CONCRETE TO BE CL. 4000, AIR ENTRAINED, TYPE II CEMENT
2. REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60.

APPROVED DATE: June 20, 2003	REVISION NO.: 0
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES	DATE: 6/20/03
	PREPARED BY: DBG/BKV
	CHECKED BY: W.DARROW

STANDARD DETAIL
REINFORCED CONCRETE PIPE COLLAR
DETAIL - 36" AND SMALLER DIA.

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-30.20 1 OF 2

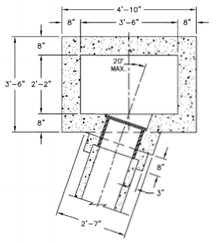


NOTES:
1. GRAY IRON CASTINGS PER ASTM A-48, CLASS 30A.
2. ALL MACHINE FINISH TO BE A.S.A. SPECIFICATION, ROUGHNESS SYMBOL 250, TOLERANCE -0" +1/16".
3. WHEN THE CATCH BASIN CONNECTION PIPE IS NOT PERPENDICULAR TO THE CATCH BASIN WALL, THE WALL SHALL BE MODIFIED TO INSTALL WATER SEAL ON SAME ALIGNMENT AS THE CATCH BASIN PIPE, SEE SECTIONAL PLAN, SHEET 2 OF 2 FOR TYPICAL DETAIL.

APPROVED DATE: June 20, 2003	REVISION NO.: 0
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES	DATE: 6/20/03
	PREPARED BY: DBG/BKV
	CHECKED BY: W.DARROW

STANDARD DETAIL
WATER SEAL FOR 15" DIAMETER
CATCH BASIN CONNECTION
(COMBINED AREA ONLY)

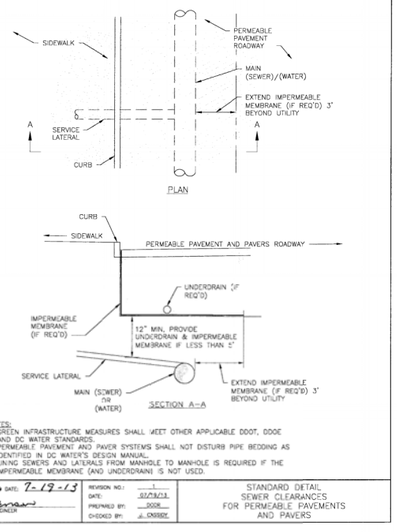
DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-30.20 2 OF 2



APPROVED DATE: June 20, 2003	REVISION NO.: 0
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES	DATE: 6/20/03
	PREPARED BY: DBG/BKV
	CHECKED BY: W.DARROW

STANDARD DETAIL
TYPICAL FOR NON-PERPENDICULAR
CATCH BASIN CONNECTION PIPE

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — 5 OF 8

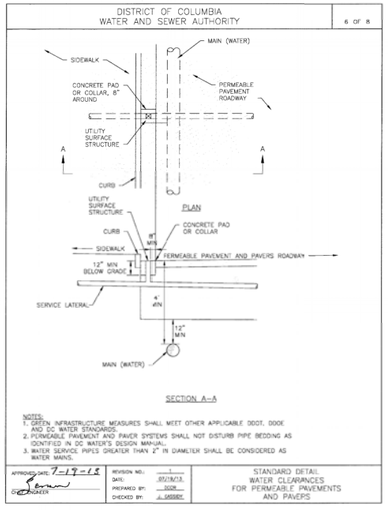


NOTES:
1. GREEN INFRASTRUCTURE MEASURES SHALL MEET OTHER APPLICABLE DDOT, DDOE AND DC WATER STANDARDS.
2. PERMEABLE PAVEMENT AND PAVER SYSTEMS SHALL NOT DISTURB PIPE BEDDING AS IDENTIFIED IN DC WATER'S DESIGN MANUAL.
3. LINING SEWERS AND LATERALS FROM MANHOLE TO MANHOLE IS REQUIRED IF THE IMPERMEABLE MEMBRANE (AND UNDERDRAIN) IS NOT USED.

APPROVED DATE: 7-19-13	REVISION NO.: 1
DISTRICT DEPARTMENT OF ENVIRONMENT	DATE: 07/19/13
	PREPARED BY: DDOE
	CHECKED BY: J. CHISEY

STANDARD DETAIL
SEWER CLEARANCES
FOR PERMEABLE PAVEMENTS
AND PAVERS

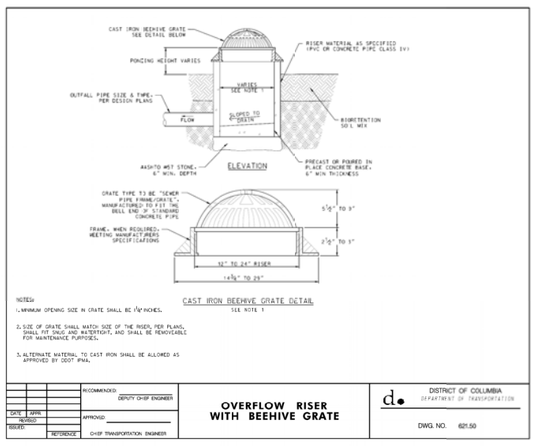
DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — 6 OF 8



NOTES:
1. GREEN INFRASTRUCTURE MEASURES SHALL MEET OTHER APPLICABLE DDOT, DDOE AND DC WATER STANDARDS.
2. PERMEABLE PAVEMENT AND PAVER SYSTEMS SHALL NOT DISTURB PIPE BEDDING AS IDENTIFIED IN DC WATER'S DESIGN MANUAL.
3. WATER SERVICE PIPES GREATER THAN 2" IN DIAMETER SHALL BE CONSIDERED AS WATER MAINS.

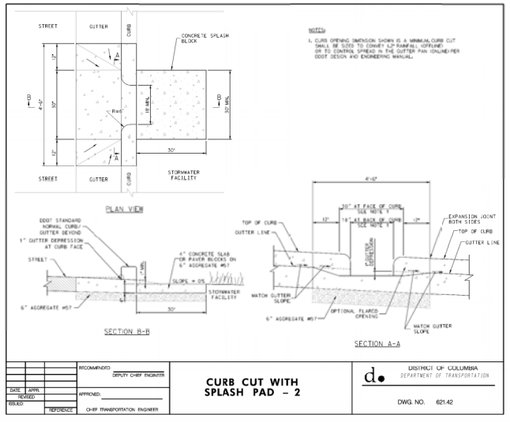
APPROVED DATE: 7-19-13	REVISION NO.: 1
DISTRICT DEPARTMENT OF ENVIRONMENT	DATE: 07/19/13
	PREPARED BY: DDOE
	CHECKED BY: J. CHISEY

STANDARD DETAIL
WATER CLEARANCES
FOR PERMEABLE PAVEMENTS
AND PAVERS



NOTES:
1. MINIMUM OPENING SIZE IN GRATE SHALL BE 1 5/8" INCHES.
2. SIZE OF GRATE SHALL MATCH SIZE OF THE RISER, PER PLANS, SHALL FIT SNUG AND WATERTIGHT, AND SHALL BE REMOVEABLE FOR MAINTENANCE PURPOSES.
3. ALTERNATE MATERIAL TO CAST IRON SHALL BE ALLOWED AS APPROVED BY DDOT PMA.

RECOMMENDED: DEPUTY CHIEF ENGINEER
DATE APPR.
REVISED
ISSUED
APPROVED:
REFERENCE: CHIEF TRANSPORTATION ENGINEER
OVERFLOW RISER WITH BEEHIVE GRATE
DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
DWG. NO. 621.50



RECOMMENDED: DEPUTY CHIEF ENGINEER
DATE APPR.
REVISED
ISSUED
APPROVED:
REFERENCE: CHIEF TRANSPORTATION ENGINEER
CURB CUT WITH SPLASH PAD - 2
DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
DWG. NO. 621.42

$DATE$
$FILE$

DISTRICT OF COLUMBIA
DELANY R. ALLISTON
PE905849
05/12/2020
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

SD-2

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DRAINAGE DETAILS

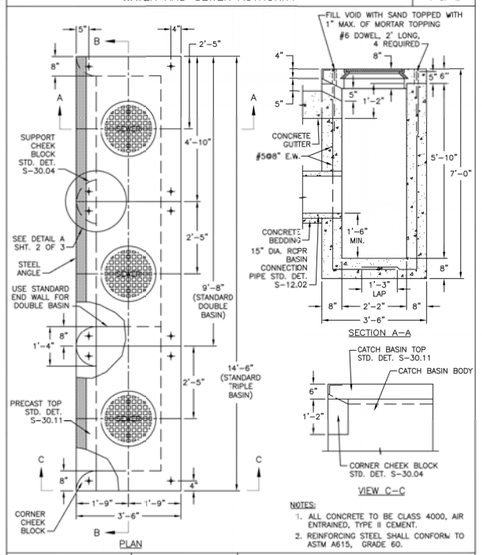
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 204 OF 576

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	205	576

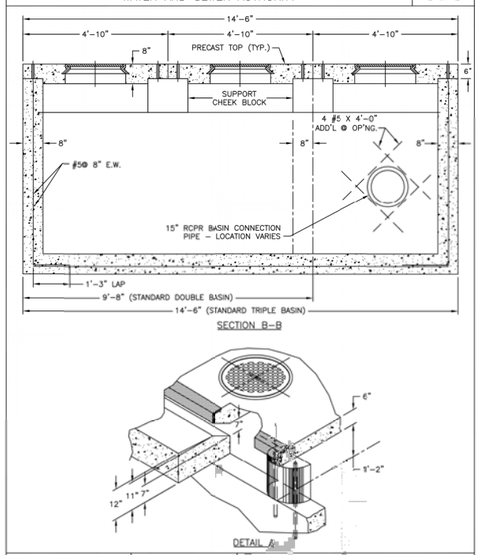
DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-30.03 1 OF 2



NOTES:
1. ALL CONCRETE TO BE CLASS 4000, AIR ENTRAINED, TYPE II CEMENT.
2. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.

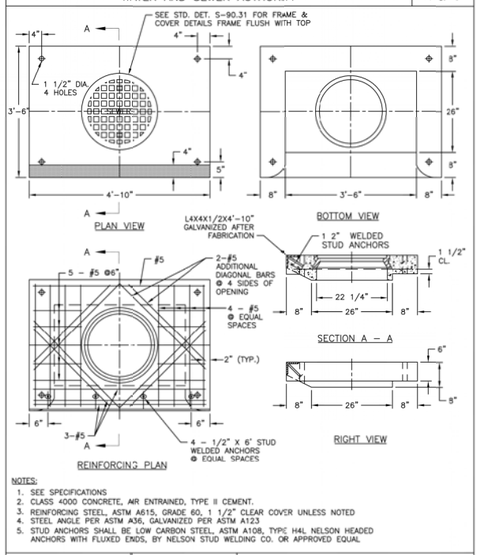
APPROVED DATE: June 20, 2003 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES	REVISION NO.: 0	STANDARD DETAIL
	DATE: 6/20/03	STANDARD DOUBLE AND STANDARD TRIPLE BASINS
	PREPARED BY: OBG/BKJV	
	CHECKED BY: W.DARROW	

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-30.03 2 OF 2



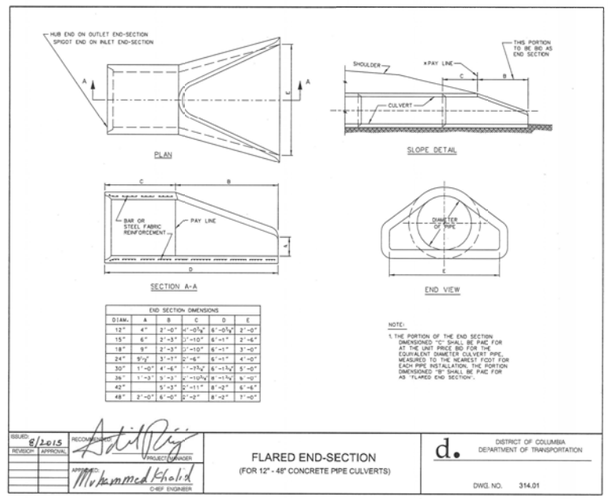
APPROVED DATE: June 20, 2003 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES	REVISION NO.: 0	STANDARD DETAIL
	DATE: 6/20/03	STANDARD DOUBLE AND STANDARD TRIFLE BASINS
	PREPARED BY: OBG/BKJV	
	CHECKED BY: W.DARROW	

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-30.11 1 OF 1



NOTES:
1. SEE SPECIFICATIONS
2. CLASS 4000 CONCRETE, AIR ENTRAINED, TYPE II CEMENT.
3. REINFORCING STEEL, ASTM A615, GRADE 60, 1 1/2" CLEAR COVER UNLESS NOTED
4. STEEL ANGLE PER ASTM A36, GALVANIZED PER ASTM A123
5. STUD ANCHORS SHALL BE LOW CARBON STEEL, ASTM A108, TYPE H4L NELSON HEADED ANCHORS WITH FLUXED ENDS, BY NELSON STUD WELDING CO. OR APPROVED EQUAL

APPROVED DATE: June 20, 2003 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES	REVISION NO.: 0	STANDARD DETAIL
	DATE: 6/20/03	8" PRECAST STANDARD CATCH BASIN TOP
	PREPARED BY: OBG/BKJV	
	CHECKED BY: W.DARROW	

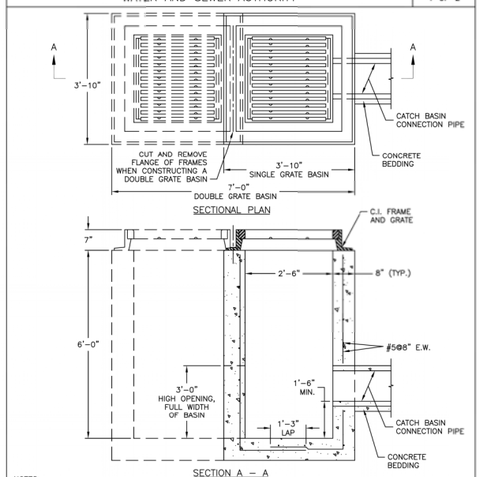


DIAM.	A	B	C	D	E
12"	4"	2'-0"	1'-0¾"	6'-0¾"	2'-0"
15"	6"	2'-3"	1'-1½"	6'-1½"	2'-6"
18"	9"	2'-3"	1'-1½"	6'-1½"	3'-0"
24"	9½"	2'-7"	1'-4¾"	6'-1½"	4'-0"
30"	1'-0"	4'-6"	1'-7¾"	6'-1¾"	5'-0"
36"	1'-3"	5'-3"	1'-10¾"	6'-1¾"	6'-0"
42"	1'-3"	6'-0"	2'-1½"	6'-2"	6'-6"
48"	2'-0"	6'-0"	2'-1½"	6'-2"	7'-0"

NOTE:
1. THE PORTION OF THE END SECTION DESIGNATED "D" SHALL BE PAID FOR AT THE UNIT PRICE BID FOR THE EQUIVALENT DIAMETER CULVERT PIPE, MEASURED TO THE NEAREST FOOT FOR EACH PIPE INSTALLATION. THE PORTION DIMENSIONED "B" SHALL BE PAID FOR AS "FLARED END SECTION".

ISSUED: 8/2015 — REVISION / APPROVAL	RECOMMENDED: PROJECT MANAGER	FLARED END-SECTION (FOR 12" - 48" CONCRETE PIPE CULVERTS)	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
	APPROVED: Mohammed Khalid, CHIEF ENGINEER		DWG. NO. 314.01

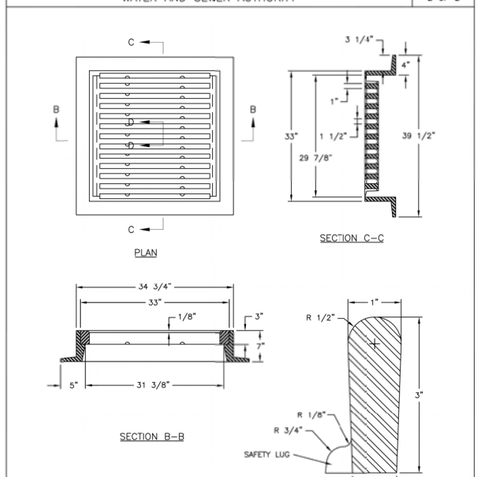
DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-30.31 1 OF 2



NOTES:
1. GRAY IRON CASTINGS PER ASTM A-48, CLASS 30A.
2. ALL MACHINE FINISH TO BE A.S.A. SPECIFICATION, ROUGHNESS SYMBOL 250, TOLERANCE – ⊘ + 1/16".
3. ALL CONCRETE TO BE CLASS 4000, AIR ENTRAINED, TYPE II CEMENT.
4. REINFORCING SHALL BE CENTERED IN WALL AND BASE AND SHALL CONFORM TO ASTM A615 GRADE 60.

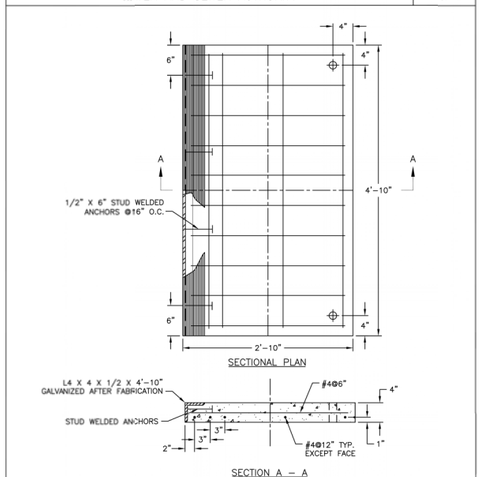
APPROVED DATE: June 20, 2003 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES	REVISION NO.: 0	STANDARD DETAIL
	DATE: 6/20/03	GRATE TYPE CATCH BASIN WITH SAFETY GRATE
	PREPARED BY: OBG/BKJV	
	CHECKED BY: W.DARROW	

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-30.31 2 OF 2



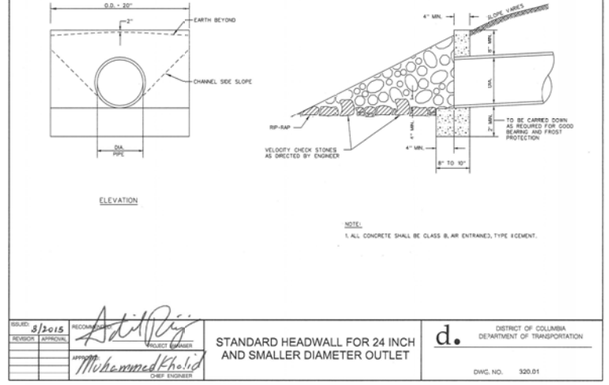
APPROVED DATE: June 20, 2003 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES	REVISION NO.: 0	STANDARD DETAIL
	DATE: 6/20/03	GRATE TYPE CATCH BASIN WITH SAFETY GRATE
	PREPARED BY: OBG/BKJV	
	CHECKED BY: W.DARROW	

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-30.13 1 OF 1



NOTES:
1. CLASS 4000 CONCRETE, AIR ENTRAINED, TYPE II CEMENT
2. REINFORCING STEEL, ASTM A615, GRADE 60
3. STEEL ANGLE PER ASTM A36, GALVANIZED PER ASTM A123
4. STUD ANCHORS SHALL BE LOW CARBON STEEL, ASTM A108, TYPE H4L NELSON HEADED ANCHORS WITH FLUXED ENDS, BY NELSON STUD WELDING CO. OR APPROVED EQUAL

APPROVED DATE: June 20, 2003 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES	REVISION NO.: 0	STANDARD DETAIL
	DATE: 6/20/03	4" PRECAST CATCH BASIN ELONGATION TOP (FOR REPLACEMENT ONLY)
	PREPARED BY: OBG/BKJV	
	CHECKED BY: W.DARROW	



NOTE:
1. ALL CONCRETE SHALL BE CLASS B, AIR ENTRAINED, TYPE II CEMENT.

ISSUED: 8/2015 — REVISION / APPROVAL	RECOMMENDED: PROJECT MANAGER	STANDARD HEADWALL FOR 24 INCH AND SMALLER DIAMETER OUTLET	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
	APPROVED: Mohammed Khalid, CHIEF ENGINEER		DWG. NO. 320.01

SD-3

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DRAINAGE DETAILS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE
SHEET 205 OF 576

DISTRICT OF COLUMBIA — MELANY R. ALLISTON — PE906849 — 03/12/2020 — CIVIL — PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

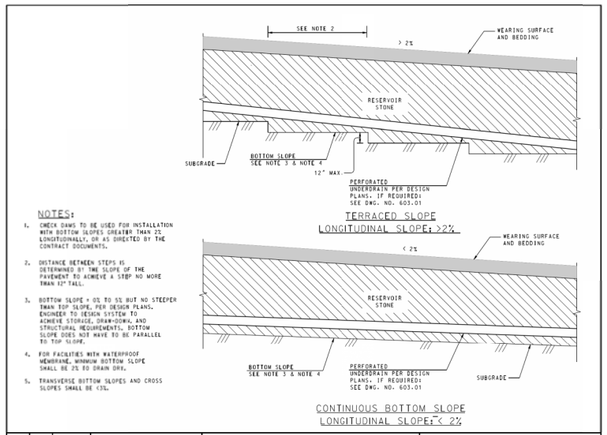
NO	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	206	576



NOTES:

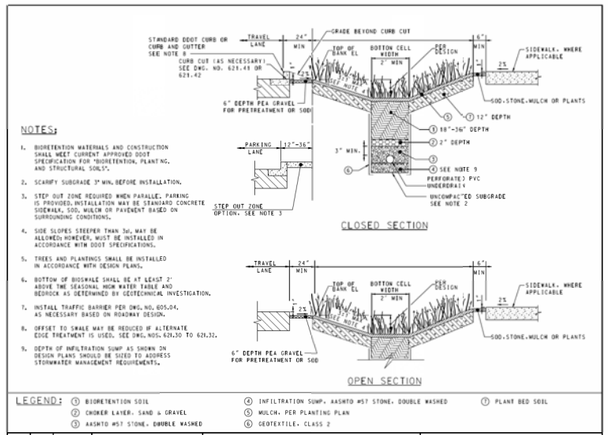
1. CHECK DAMS TO BE USED FOR INSTALLATION WITH BOTTOM SLOPES GREATER THAN 2% LONGITUDINALLY, OR AS DIRECTED BY THE CONTRACT DOCUMENTS.
2. DISTANCE BETWEEN STEPS IS DETERMINED BY THE SLOPE OF THE PAVEMENT TO ACHIEVE A STEP NO MORE THAN 12" TALL.
3. BOTTOM SLOPE = 0% TO 5% BUT NO STEEPER THAN TOP SLOPE, PER DESIGN PLANS. ENGINEER TO DESIGN SYSTEM TO ACHIEVE STORAGE, DRAW-DOWN, AND STRUCTURAL REQUIREMENTS. BOTTOM SLOPE DOES NOT HAVE TO BE PARALLEL TO TOP SLOPE.
4. FOR FACILITIES WITH WATERPROOF MEMBRANE, MINIMUM BOTTOM SLOPE SHALL BE 2% TO DRAIN DRY.
5. TRANSVERSE BOTTOM SLOPES AND CROSS SLOPES SHALL BE <3%.

RECOMMENDED:	DEPUTY CHIEF ENGINEER
APPROVED:	CHIEF TRANSPORTATION ENGINEER

PERMEABLE PAVEMENT ELEVATION-1

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 621.10



NOTES:

1. BIORETENTION MATERIALS AND CONSTRUCTION SHALL MEET CURRENT APPROVED DDOT SPECIFICATION FOR "BIORETENTION, PLANTING, AND STRUCTURAL SOILS".
2. SCARIFY SUBGRADE 3" MIN. BEFORE INSTALLATION.
3. STEP OUT ZONE REQUIRED WHEN PARALLEL PARKING IS PROVIDED. INSTALLATION MAY BE STANDARD CONCRETE SIDEWALK, SOD, MULCH OR PAVEMENT BASED ON SURROUNDING CONDITIONS.
4. SIDE SLOPES STEEPER THAN 3:1 MAY BE ALLOWED; HOWEVER, MUST BE INSTALLED IN ACCORDANCE WITH DDOT SPECIFICATIONS.
5. TREES AND PLANTINGS SHALL BE INSTALLED IN ACCORDANCE WITH DESIGN PLANS.
6. BOTTOM OF BIOSWALE SHALL BE AT LEAST 2' ABOVE THE SEASONAL HIGH WATER TABLE AND BEDROCK AS DETERMINED BY GEOTECHNICAL INVESTIGATION.
7. INSTALL TRAFFIC BARRIER PER DWG. NO. 605.04, AS NECESSARY BASED ON ROADWAY DESIGN.
8. OFFSET TO SWALE MAY BE REDUCED IF ALTERNATE EDGE TREATMENT IS USED. SEE DWG. NOS. 624.30 TO 624.32.
9. DEPTH OF INFILTRATION SUMP AS SHOWN ON DESIGN PLANS SHOULD BE SIZED TO ADDRESS STORMWATER MANAGEMENT REQUIREMENTS.

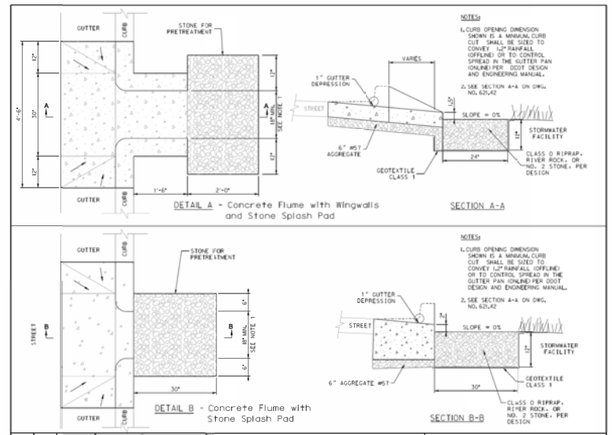
LEGEND:
① BIORETENTION SOIL
② CHOKER LAYER: SAND & GRAVEL
③ AASHTO #57 STONE, DOUBLE WASHED
④ INFILTRATION SUMP, AASHTO #57 STONE, DOUBLE WASHED
⑤ MULCH, PER PLANTING PLAN
⑥ GEOTEXTILE, CLASS 2
⑦ PLANT BED SOIL

RECOMMENDED:	DEPUTY CHIEF ENGINEER
APPROVED:	CHIEF TRANSPORTATION ENGINEER

BIOSWALE ADJACENT TO ROADWAY

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 621.21



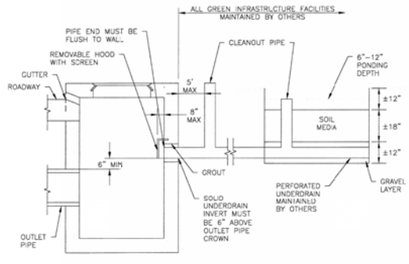
RECOMMENDED:	DEPUTY CHIEF ENGINEER
APPROVED:	CHIEF TRANSPORTATION ENGINEER

CURB CUT WITH SPLASH PAD - 1

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 621.41

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — 8 OF 18

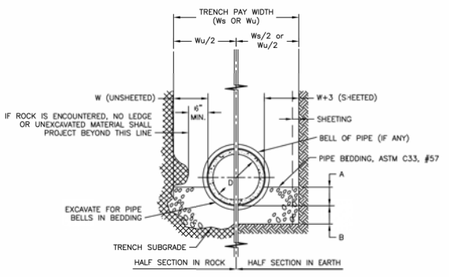


NOTES:
1. GREEN INFRASTRUCTURE MEASURES SHALL MEET OTHER APPLICABLE DDOT, DDOE AND DC WATER STANDARDS.
2. THE PREFERRED LOCATIONS FOR CONNECTING UNDERDRAINS ARE AT MANHOLES AND SEWERS.
3. UNDERDRAIN CONNECTIONS TO CATCH BASINS ARE ONLY ALLOWED IF THE GREEN INFRASTRUCTURE FACILITY IS GREATER THAN 20' FROM AN EXISTING MANHOLE OR SEWER LINE OR IF TOTAL SURFACE AREA OF ALL GREEN INFRASTRUCTURE MEASURES IS LESS THAN 250 SQ FT.
4. CATCH BASIN CONNECTIONS FROM UNDERDRAINS SERVICING PRIVATE PROPERTY ARE PROHIBITED.
5. CLAY DAMS OR OTHER APPROVED WATERSTOPS SHALL BE PROVIDED AT 100' INTERVALS (MINIMUM ONE) ALONG THE LENGTH OF THE UNDERDRAIN TO PREVENT MIGRATION OF WATER ALONG THE LENGTH OF THE PIPE.
6. CLEAN OUTS SHALL BE PLACED AT 100 FOOT INTERVALS (MINIMUM ONE MUST BE LOCATED AT A MAX OF 5' FROM CATCH BASIN).
7. DC WATER IS NOT RESPONSIBLE FOR CLOGGING OF THE UNDERDRAIN OR FOR CLEANING.
8. THE UNDERDRAIN SYSTEM SHALL BE DESIGNED TO FILTER INCOMING WATER TO PREVENT THE MIGRATION OF SILT AND OR TURBIDITY TO THE SEWER SYSTEM.
9. UNDERDRAINS SHALL BE LOW-FLOW, SUBSURFACE PIPES THAT DRAIN ONLY THE GREEN INFRASTRUCTURE MEASURE.

APPROVED DATE: 7-19-13	REVISION NO.: 1
DIRECTOR, DEPARTMENT OF ENGINEERING	DATE: 07/19/13
	PREPARED BY: DCGS
	CHECKED BY: A. CASSIDY

STANDARD DETAIL
WATER AND SEWER CLEARANCES FOR UNDERDRAINS ADJACENT TO CATCH BASINS

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-12.01 1 OF 2



APPROVED DATE: June 20, 2003	REVISION NO.: 0
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES	DATE: 6/20/03
	PREPARED BY: DBG/BK-V
	CHECKED BY: W.DARROW

STANDARD DETAIL
CONCRETE PIPE SEWER
TRENCH LAYING CONDITION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-12.01 2 OF 2

PIPE DIAMETER	PIPE BEDDING DIMENSION				TRENCH PAY WIDTH	
D	W	A	B IN SOIL	B IN ROCK	UNSHEETED Wu	SHEETED Ws
12"	12"	5"	3"	6"	3' – 4"	3' – 10"
15"	12"	5"	3"	6"	3' – 7"	4' – 1"
18"	12"	6"	3"	6"	3' – 11"	4' – 5"
21"	12"	7"	3"	6"	4' – 3"	4' – 9"
24"	12"	8"	3"	6"	4' – 6"	5' – 0"
27"	18"	8"	3"	6"	5' – 9"	6' – 3"
30"	18"	9"	4"	9"	6' – 1"	6' – 7"
33"	18"	10"	4"	9"	6' – 5"	6' – 11"
36"	18"	10"	4"	9"	6' – 8"	7' – 2"
42"	18"	13"	4"	9"	7' – 3"	7' – 9"
48"	24"	15"	4"	9"	8' – 10"	9' – 4"
54"	24"	16"	4"	9"	9' – 5"	9' – 11"
60"	24"	18"	4"	9"	10' – 0"	10' – 6"
66"	24"	20"	6"	12"	10' – 7"	11' – 1"
72"	24"	22"	6"	12"	11' – 2"	11' – 8"
78"	24"	23"	6"	12"	11' – 9"	12' – 3"
84"	24"	25"	6"	12"	12' – 4"	12' – 10"
90"	24"	27"	6"	12"	12' – 11"	13' – 5"
96"	24"	28"	6"	12"	13' – 6"	14' – 0"
102"	24"	30"	6"	12"	14' – 1"	14' – 7"
108"	24"	32"	6"	12"	14' – 8"	15' – 2"

NOTES:
1. IF NECESSARY TO EXCEED W BELOW A HORIZONTAL PLANE 1'-0" ABOVE TOP OF PIPE, SEE SPECIFICATION SECTION 02220.
2. SHEETING, IF USED, SHALL BE REMOVED IN CONJUNCTION WITH THE BACKFILLING OPERATION UNLESS OTHERWISE SPECIFIED OR SHOWN ON DRAWING. HOWEVER, IF APPROVED IN WRITING, SHEETING MAY BE CUT-OFF AND LEFT IN PLACE BELOW A LINE 1'-0" ABOVE THE TOP OF THE PIPE OR AS DIRECTED BY THE ENGINEER.

APPROVED DATE: June 20, 2003	REVISION NO.: 0
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES	DATE: 6/20/03
	PREPARED BY: DBG/BK-V
	CHECKED BY: W.DARROW

STANDARD DETAIL
CONCRETE PIPE SEWER
TRENCH LAYING CONDITION

SD-4

$DATE$
$FILE$

DISTRICT OF COLUMBIA
DELANY R. ALLISTON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DRAINAGE DETAILS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE

SHEET 206 OF 576

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	207	576

EROSION AND SEDIMENT CONTROL NARRATIVE

THE SOUTH CAPITOL STREET TRAIL IS A PROPOSED 10' WIDE MULTI-PURPOSE ASPHALT PAVED TRAIL, APPROXIMATELY 3.8 MILES IN LENGTH. THE PROPOSED MULTI-PURPOSE TRAIL ORIGINATES AT THE OXON HILL FARM TRAIL ALONG DC VILLAGE LANE AND EXTENDS TO THE EXISTING INTERSECTION WITH OVERLOOK AVENUE SW AND LABORATORY ROAD AT ITS SOUTHERN MOST PROJECT TERMINUS AND EXTENDS NORTH ALONG THE EASTERN EDGE OF OVERLOOK AVENUE SW BEFORE CROSSING TO THE WESTERN EDGE OF OVERLOOK AVENUE SW AT THE LOCAL ENTRANCE INTO DC VILLAGE. FROM THIS POINT, THE PROPOSED MULTI-PURPOSE TRAIL CONTINUES NORTHWARD ALONG THE WESTERN EDGE OF OVERLOOK AVENUE SW WHILE TRANSITIONING TO SOUTH CAPITOL STREET SW AND EXTENDS TO ITS NORTHERN MOST PROJECT TERMINUS AT THE EXISTING INTERSECTION OF SOUTH CAPITOL STREET SW, FIRTH STERLING AVENUE SE, AND DEFENSE BOULEVARD.

EROSION AND SEDIMENT CONTROL WILL BE ACHIEVED BY DIVERTING OFFSITE RUNOFF TO EXISTING CULVERTS AND OUTFALL POINTS WHILE THE DISTURBED SITE RUNOFF IS DIRECTED TO SEDIMENT TRAPPING OR FILTERING DEVICES SUCH AS SILT FENCE, SUPER SILT FENCE, FILTER LOGS, DIVERSION DIKES, AND TEMPORARY STONE OUTLET STRUCTURES.

EROSION CONTROL DURING CONSTRUCTION WILL BE IMPLEMENTED IN MULITPLE PHASES ALONG THE PROJECT CORRIDOR. ALL EROSION CONTROL MEASURES WILL BE INSTALLED, MONITORED, MAINTAINED, AND REPAIRED IN ACCORDANCE WITH DOEE REGULATIONS AND THE MOST RECENT EDITION OF THE DISTRICT OF COLUMBIA EROSION AND SEDIMENT CONTROL STANDARDS AND SPECIFICATIONS.

SITE INFORMATION

LIMIT OF DISTURBANCE = 591,679 SQUARE FEET, 13.58 ACRES
CUT (EXCAVATION) VOLUME = 81,054 CUBIC FOOT, 3,002 CUBIC YARD
FILL (EMBANKMENT VOLUME = 187,137 CUBIC FOOT, 6,921 CUBIC YARD

EROSION AND SEDIMENT CONTROL MEASURES

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN CONFORMANCE WITH DOEE REGULATIONS AND THE MOST RECENT EDITION OF THE DISTRICT OF COLUMBIA EROSION AND SEDIMENT CONTROL STANDARDS AND SPECIFICATIONS.

TREE REMOVAL

FOR CALIPER SIZE OF TREES TO BE REMOVED AND OTHER INFORMATION REGARDING TREES TO BE REMOVED, REFER TO THE LD PLAN SHEETS.

GENERAL SOIL EROSION AND SEDIMENTATION CONTROL NOTES

1. THE CONTRACTOR SHALL CALL THE INSPECTION/ENFORCEMENT BRANCH, WATERSHED PROTECTION DIVISION, DISTRICT DEPARTMENT OF THE ENVIRONMENT AT (202)535-2240 FOR A PRE-CONSTRUCTION MEETING 72 HOURS PRIOR TO THE START OF ANY LAND DISTURBING ACTIVITY.
2. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED BEFORE THE START OF ANY EXCAVATION AND/OR CONSTRUCTION AS PER STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR THE DISTRICT OF COLUMBIA. IF AN ON -SITE INSPECTION REVEALS FURTHER EROSION CONTROL MEASURES ARE NECESSARY, THE SAME SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
3. PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL DEVICES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED.
4. THE DOEE INSPECTOR REPRESENTATIVE SHALL MAINTAIN THE AUTHORITY TO REQUIRE ADDITIONAL SEDIMENT CONTROL DEVICES AS NECESSARY TO PREVENT THE INTRUSION OF SEDIMENT INTO STORM DRAIN SYSTEM OR PUBLIC SPACE.
5. ALL DEBRIS IS TO BE REMOVED FROM SITE.
6. ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS WILL BE PROTECTED TO PREVENT TRACKING OF MUD AND SEDIMENT INTO PUBLIC WAYS. A VEHICLE WASH AREA SHALL BE PROVIDED ON-SITE AS NEEDED. A WORKING WATER HOSE AND APPROVED SEDIMENT TRAPPING DEVICE MUST BE LOCATED IN THE AREA DURING ALL CONSTRUCTION ACTIVITY.
7. NO CONSTRUCTION EQUIPMENT, CLEARING, GRADING, OR STOCKPILING ALLOWED ON ADJACENT PROPERTIES.
8. ALLEY AND/OR STREETS/SIDEWALKS SHALL BE SWEPT CLEAN AT ALL TIMES DURING EXCAVATION AND CONSTRUCTION.
9. ANY CATCH BASIN AND DRAIN AREAS SHALL BE PROTECTED DURING EXCAVATION AND CONSTRUCTION.
10. IF ANY CATCH BASINS OR DRAINS BECOME CLOGGED AS A RESULT OF EXCAVATION OR CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING THEM AT THE CONTRACTOR'S EXPENSE.
11. ANY STOCKPILING, REGARDLESS OF LOCATION, SHALL BE STABILIZED AND COVERED WITH PLASTIC AFTER ITS ESTABLISHMENT AND FOR THE DURATION OF THE PROJECT.
12. STABILIZE ALL DISTURBED AREAS UPON COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND SCHEDULE A FINAL INSPECTION WITH DOEE INSPECTOR.
13. UPON FINAL STABILIZATION AND APPROVAL BY THE DOEE INSPECTOR, REMOVE THE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.
14. THE CONTRACTOR SHALL PROVIDE ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL DEVICES AT NO ADDITIONAL COST TO THE OWNER AS REQUIRED BY THE DOEE INSPECTOR.

TEMPORARY AND PERMANENT STABILIZATION NOTE

TEMPORARY AND PERMANENT STABILIZATION SHALL BE USED ALONG THE ENTIRE LIMITS OF PROJECT. DISTURBED AREAS SHALL DRAIN TO ACTIVE EROSION AND SEDIMENT CONTROL MEASURES UNTIL STABILIZATION CAN BE ACHIEVED. PERMANENT STABILIZATION SHALL BE COMPLETED USING SECTION J, 42.0 STANDARDS; SPECIFICATION FOR VEGETATIVE STABILIZATION PER THE DISTRICT DEPARTMENT OF THE ENVIRONMENT.

STOCKPILE NOTE

ALL TOPSOIL STOCKPILE AREAS MUST REMAIN COVERED OR DRAIN TO A SEDIMENT TRAPPING OR FILTERING CONTROL.

SEQUENCE OF CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL CALL THE INSPECTION/ENFORCEMENT BRANCH, WATERSHED PROTECTION DIVISION, DISTRICT DEPARTMENT OF THE ENVIRONMENT AT (202) 535-2240 FOR A PRECONSTRUCTION MEETING 72 HOURS PRIOR TO THE START OF ANY LAND DISTURBING ACTIVITY.
2. INSTALL TREE PROTECTION DEVICES AROUND ANY TREE PREVIOUSLY DETERMINED TO BE PROTECTED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.
3. INSTALL CONSTRUCTION ENTRANCES.
4. INSTALL EROSION AND SEDIMENT CONTROL DEVICES.
5. CULVERT AND STORM DRAIN OUTFALL PROTECTION AND DITCHES, CULVERTS, AND CULVERT EXTENSIONS SHOULD BE INSTALLED DURING A THREE-DAY DRY WEATHER PERIOD USING SAME-DAY STABILIZATION METHODS. DITCHES SHOULD BE INSTALLED WORKING FROM DOWNSTREAM END TO UPSTREAM USING SAME-DAY STABILIZATION (E.G. DITCH PROTECTION: E&S MATTING, DEGRADABLE BLANKETS).
6. COMMENCE CLEARING AND GRUBBING ACTIVITES ON PROJECT SITE.
7. CONSTRUCT PROPOSED SECURITY WALL FOUNDATIONS.
8. WORKING AT POINTS FURTHEST FROM STABILIZED CONSTRUCTION ENTRACES, BEGIN CONSTRUCTION OF THE TRAIL. AS EACH PORTION OF TRAIL IS COMPLETED, PERMANENTLY STABILIZE THE FINISHED GRADE.
9. WITH AUTHORIZATION FROM THE DOEE INSPECTOR, REMOVE EROSION AND SEDIMENT CONTROL DEVICES. STABILIZE SEED AND MULCH DISTURBED AREAS DURING THIS REMOVAL.
10. REMOVE TREE PROTECTION DEVICES FOLLOWING APPROVAL BY THE CHIEF ENGINEER.

THESE PLANS ARE UNAPPROVED AND ARE NOT TO BE USED FOR THE ACQUISITION OF RIGHT OF WAY OR FOR CONSTRUCTION.

$DATE$
$FILE$

DISTRICT OF COLUMBIA — DELANY R. ALLISTON — PE905849 — 03/12/2020 — CIVIL — PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-0

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL NOTES

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

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FILE
SHEET 207 OF 576

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
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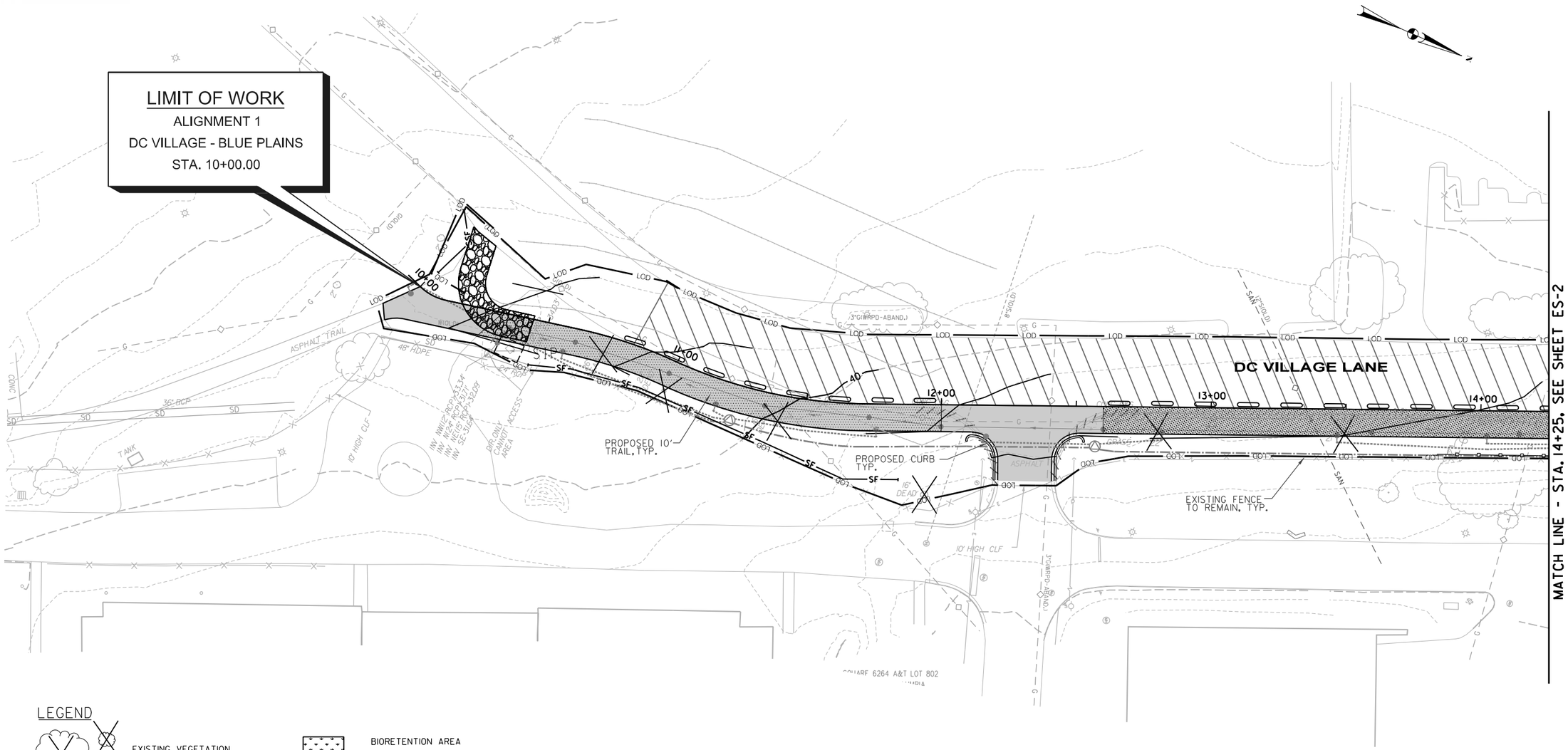

LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
- SIP — STANDARD INLET PROTECTION
- CD — STONE CHECK DAM
- CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
- LOD — LIMITS OF DISTURBANCE
- SF — SILT FENCE-I
- SSF — SUPER SILT FENCE-I
- TREE PROTECTION
- REMOVAL OF LINEAR ELEMENT
- PD/S-1 PD/S-1 — DIVERSION DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- BIORETENTION AREA
- BOARDWALK
- MULTI-PURPOSE TRAIL
- FLEXIBLE POROUS PAVEMENT
- MILL AND OVERLAY
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- CONCRETE
- 40' — EXISTING CONTOUR
- 40 — PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- R.O.W. — EXISTING ROW
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BRIANY R. ALLISTON — PE905849 — 9/9/2020 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ES-1

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLAN
DC VILLAGE SEGMENT

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE
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DEPARTMENT OF ENERGY & ENVIRONMENT

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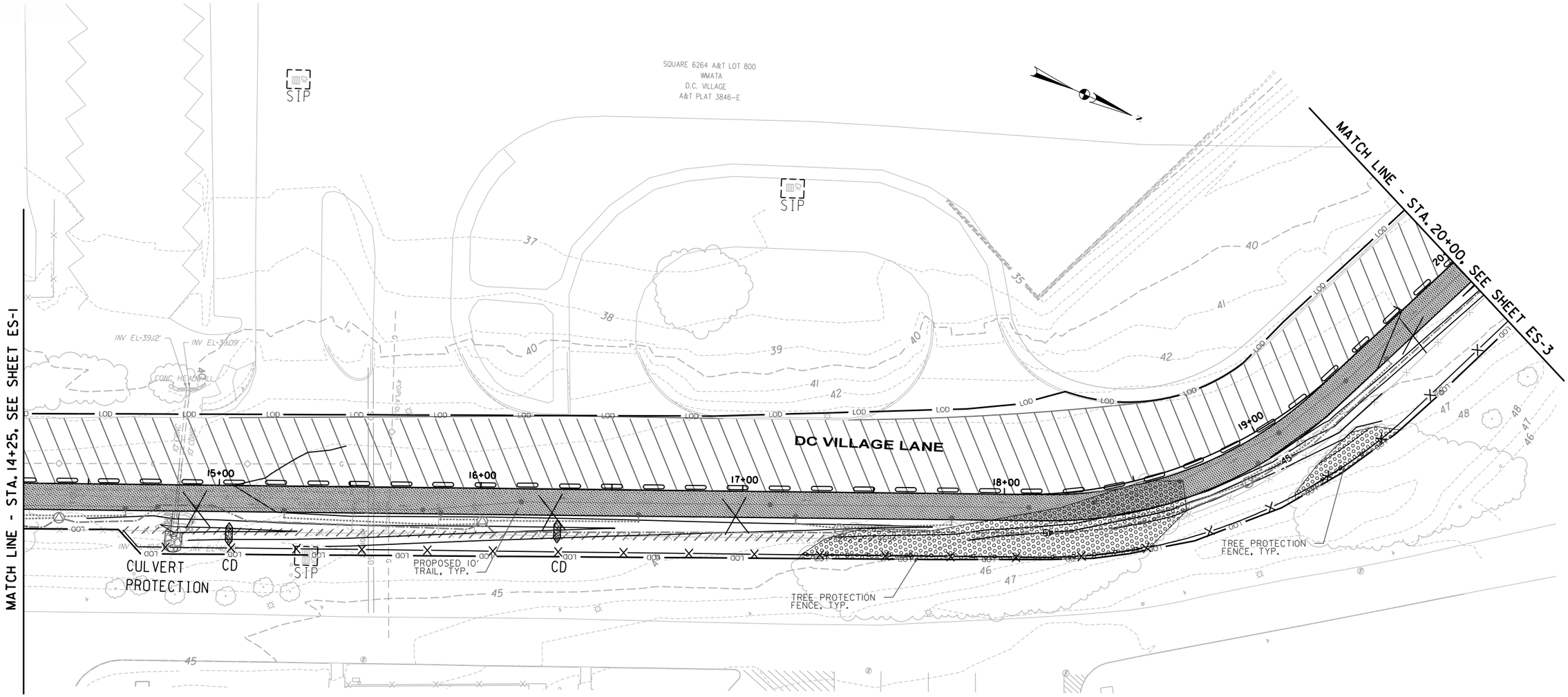

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DISTRICT OF COLUMBIA — DELANY R. ALLISON — PE906849 — 03/12/2020 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

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REVISIONS

ES-2

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

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FROM: W. OF OXON COVE PARK & DC VILLAGE
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EROSION AND SEDIMENT CONTROL PLAN
DC VILLAGE SEGMENT

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DEPARTMENT OF ENERGY & ENVIRONMENT

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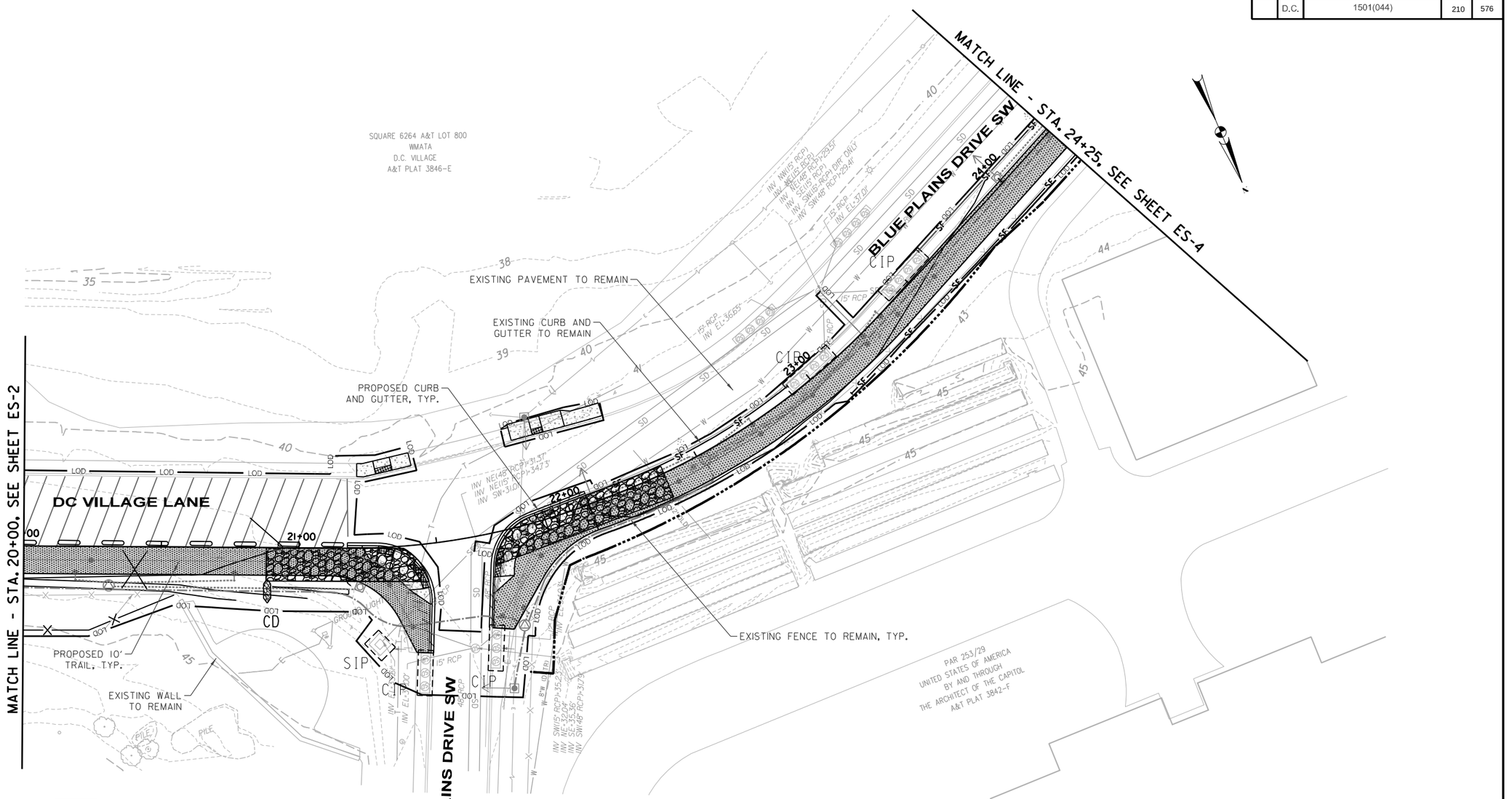

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ES-3

DISTRICT OF COLUMBIA — BRANDY R. ALLISON — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
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DC VILLAGE SEGMENT

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SHEET 210 OF 576

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DEPARTMENT OF ENERGY & ENVIRONMENT

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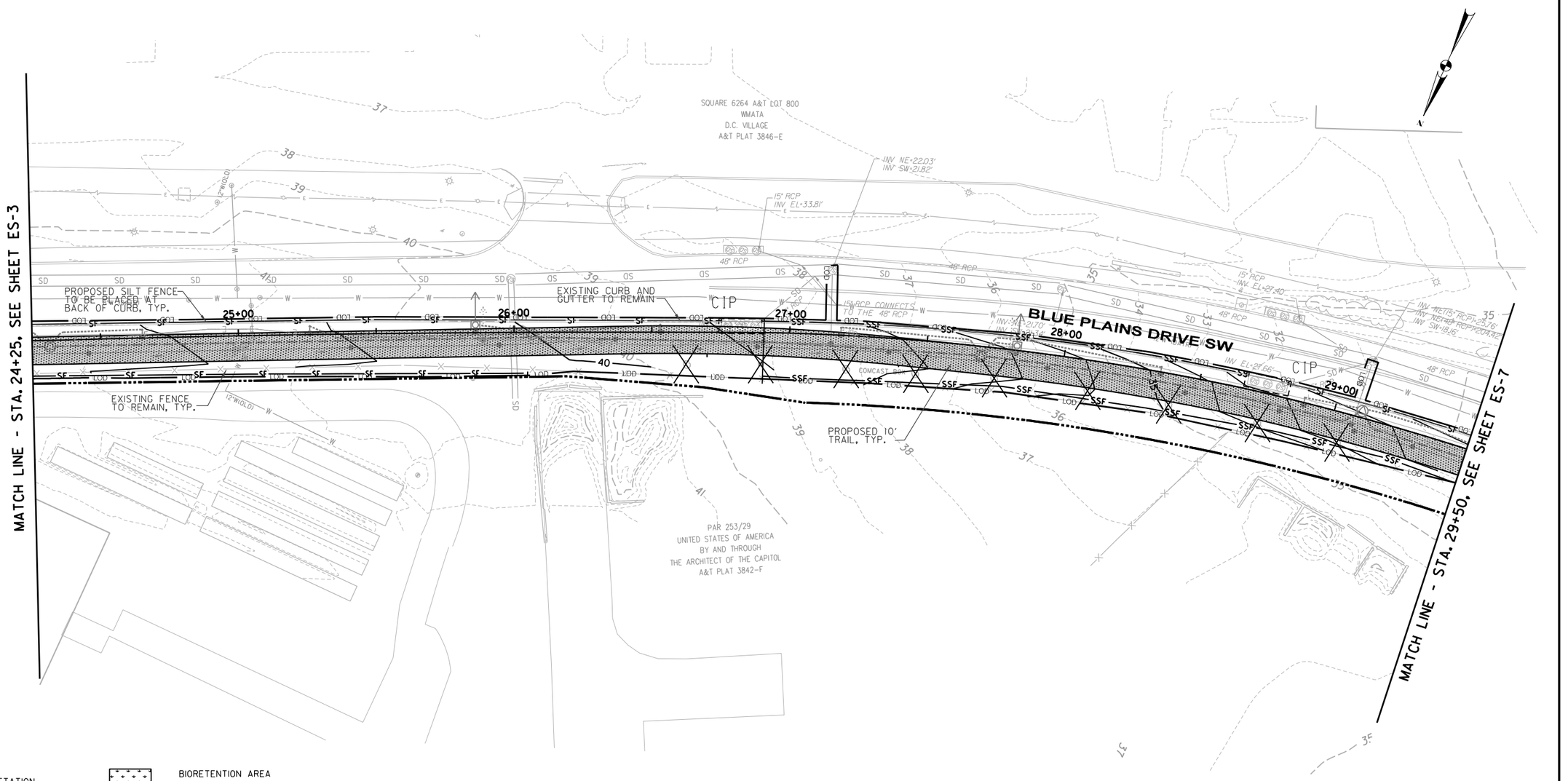

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DISTRICT OF COLUMBIA — BRANDY R. ALLISON — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
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EROSION AND SEDIMENT CONTROL PLAN
DC VILLAGE SEGMENT

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE
FILE
SHEET 211 OF 576

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
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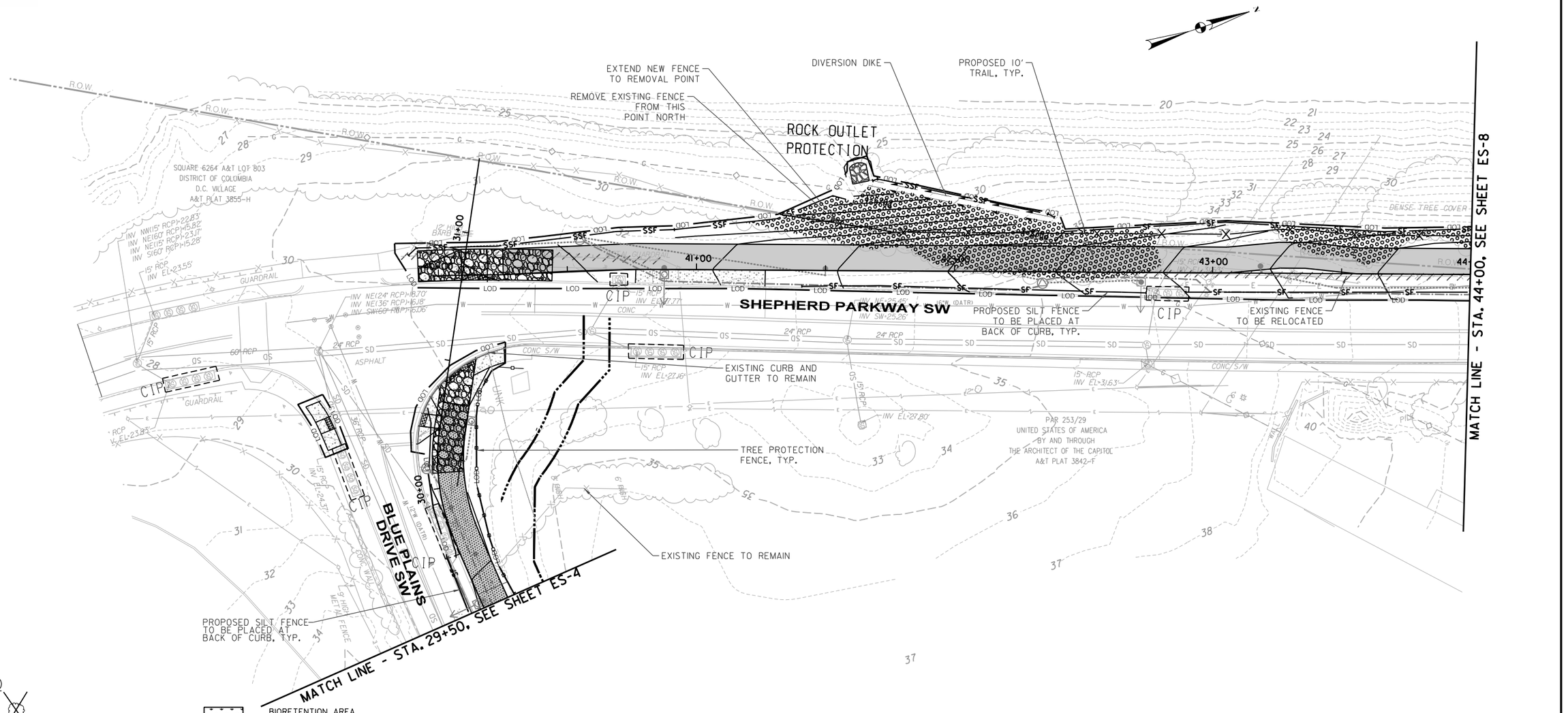

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DISTRICT OF COLUMBIA — JEREMY R. ALLISON — PE905846 — 03/12/2020 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

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REVISIONS

ES-7

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

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EROSION AND SEDIMENT CONTROL PLAN
DC VILLAGE SEGMENT

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DEPARTMENT OF ENERGY & ENVIRONMENT

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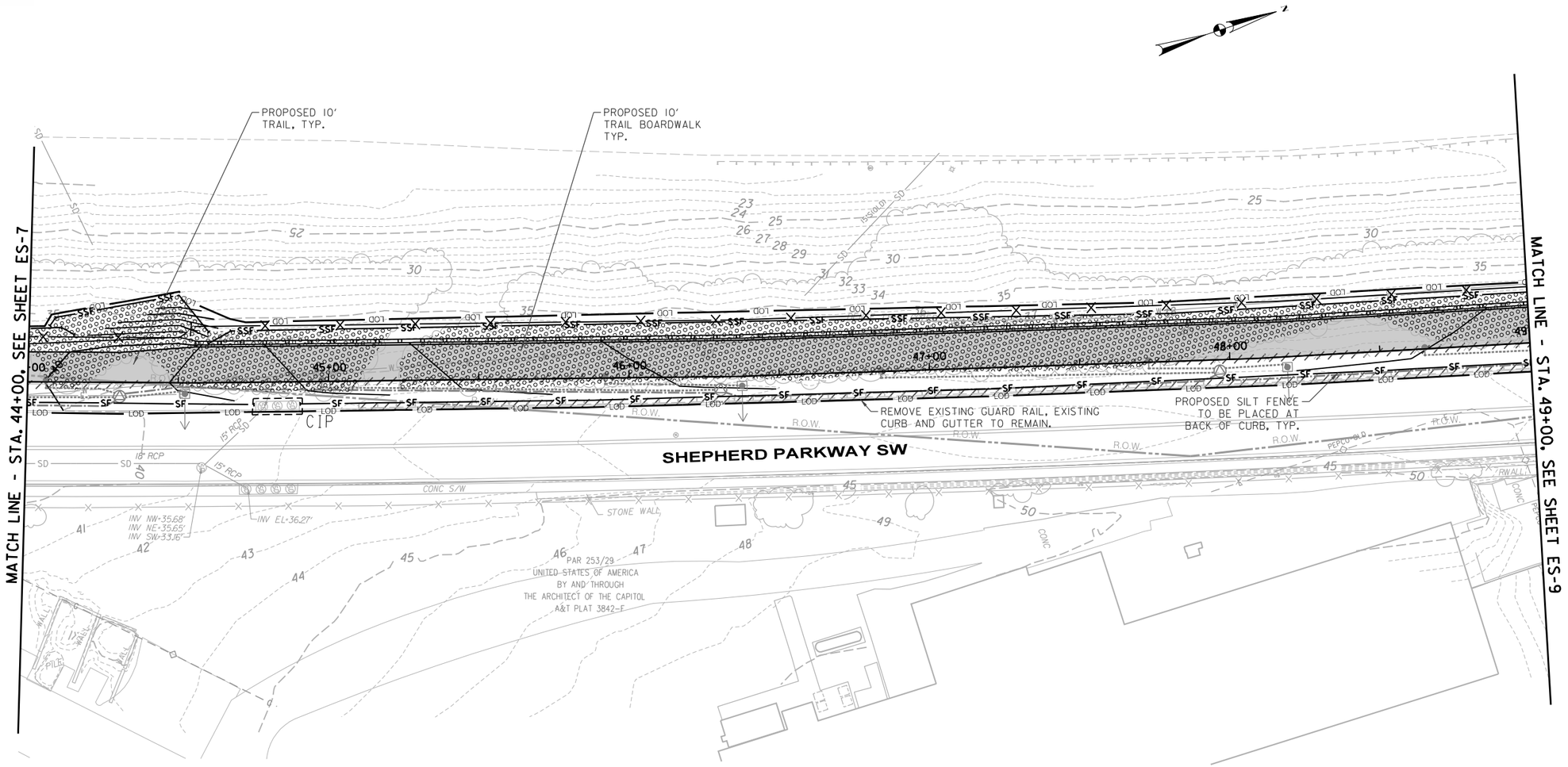

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ES-8

DISTRICT OF COLUMBIA — BRANDY R. ALLISON — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

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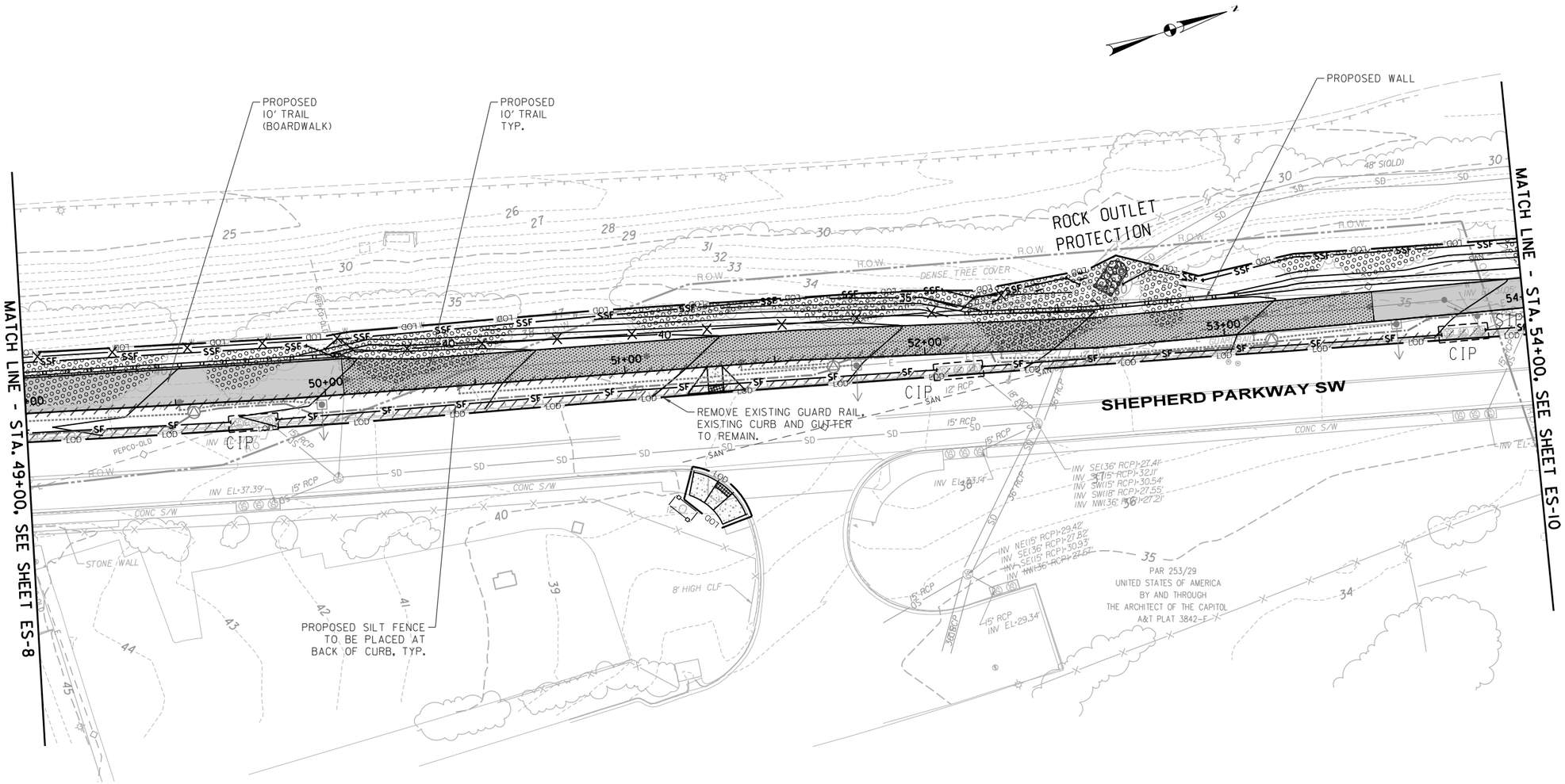

LEGEND

	EXISTING VEGETATION TO BE REMOVED
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SIP	STANDARD INLET PROTECTION
CD	STONE CHECK DAM
	CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
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	BOARDWALK
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	CONCRETE
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	RETAINING WALL
R.O.W.	EXISTING ROW
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	PROPOSED PERMANENT TRAIL EASEMENT
	PROPOSED DC INTERAGENCY ROW TRANSFER
	EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BRANDY R. ALLISON — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

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REVISIONS

ES-9

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLAN
DC VILLAGE SEGMENT

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

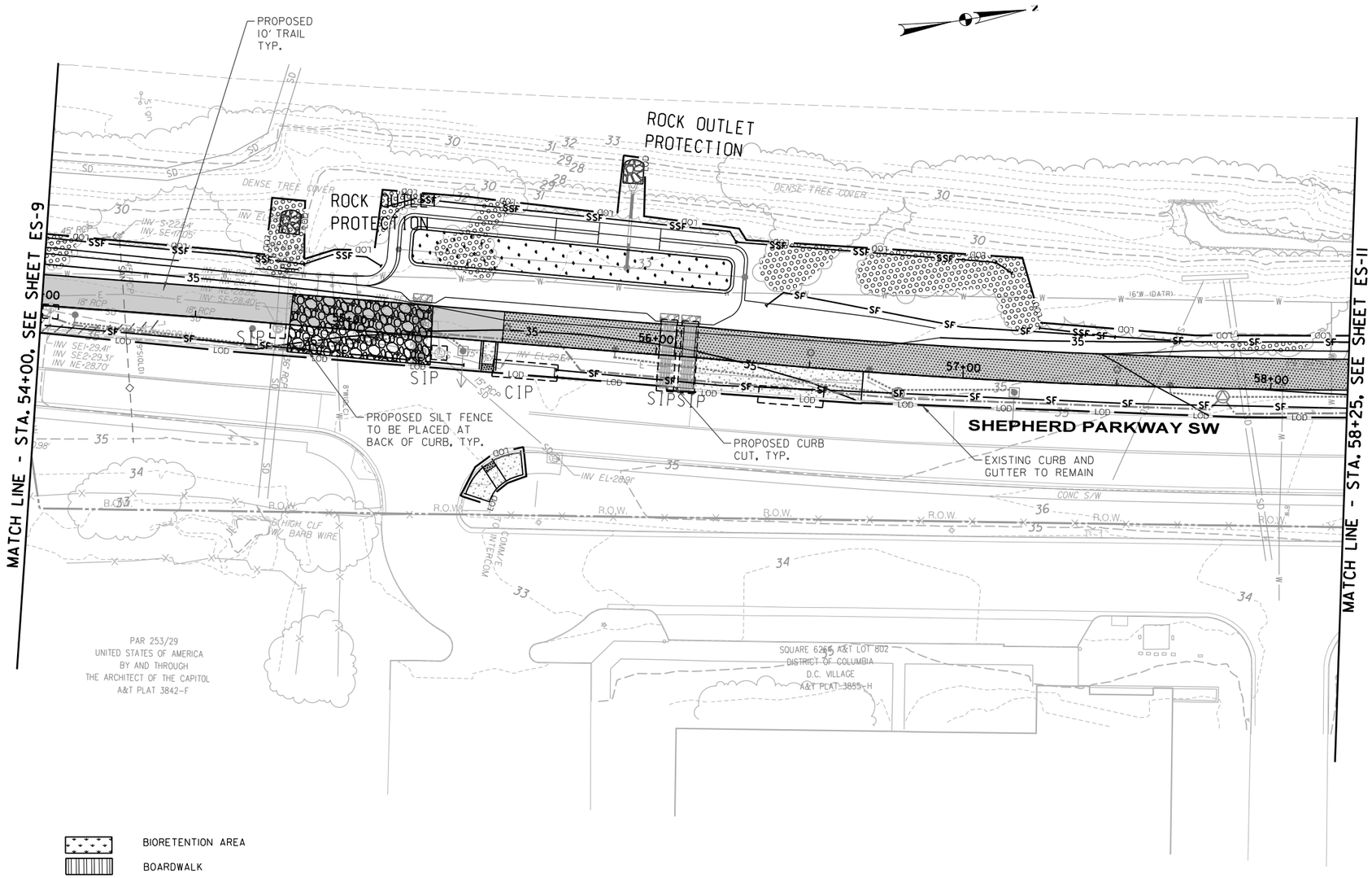
DIVISION CHIEF

DATE
FILE
SHEET 214 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	215	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
- SIP — STANDARD INLET PROTECTION
- CD — STONE CHECK DAM
- CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
- LOD — LIMITS OF DISTURBANCE
- SF — SILT FENCE-I
- SSF — SUPER SILT FENCE-I
- TREE PROTECTION
- REMOVAL OF LINEAR ELEMENT
- PD/S-1 PD/S-1 — DIVERSION DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- BIORETENTION AREA
- BOARDWALK
- MULTI-PURPOSE TRAIL
- FLEXIBLE POROUS PAVEMENT
- MILL AND OVERLAY
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- CONCRETE
- 40 — EXISTING CONTOUR
- 40 — PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- R.O.W. — EXISTING ROW
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — MELANY R. ALLISON — PE905849 — 09/12/2016 — CIVIL PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-10

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLAN
DC VILLAGE SEGMENT

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

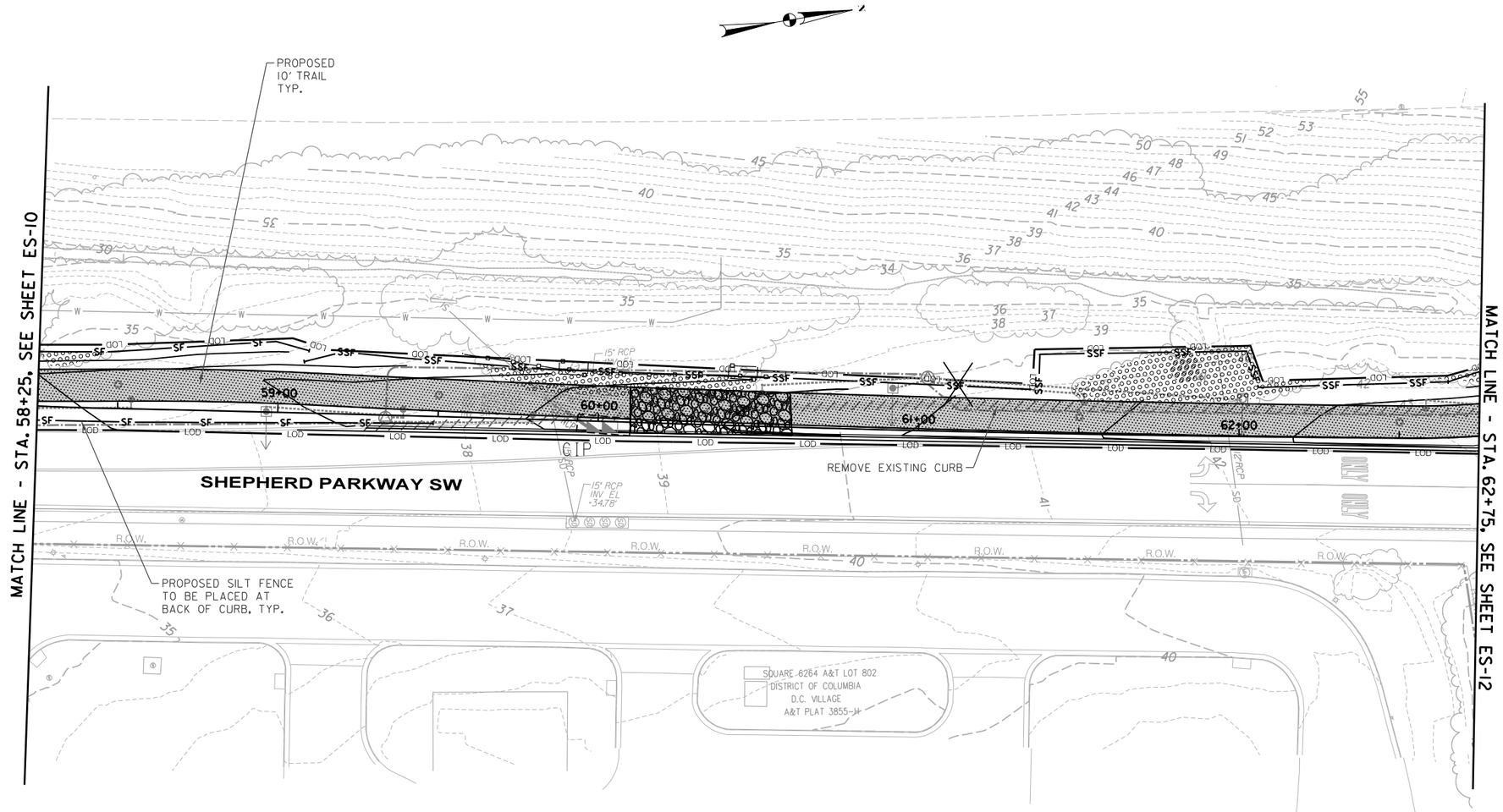
DIVISION CHIEF

DATE
FILE
SHEET 215 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	216	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
- SIP — STANDARD INLET PROTECTION
- CD — STONE CHECK DAM
- CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
- LOD — LIMITS OF DISTURBANCE
- SF — SILT FENCE-I
- SSF — SUPER SILT FENCE-I
- TREE PROTECTION
- REMOVAL OF LINEAR ELEMENT
- PD/S-1 PD/S-1 — DIVERSION DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- BIORETENTION AREA
- BOARDWALK
- MULTI-PURPOSE TRAIL
- FLEXIBLE POROUS PAVEMENT
- MILL AND OVERLAY
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- CONCRETE
- 40 — EXISTING CONTOUR
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- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- R.O.W. — EXISTING ROW
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

ES-11

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
DC VILLAGE SEGMENT

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT
DIVISION CHIEF
DATE
FILE
SHEET 216 OF 576

DISTRICT OF COLUMBIA — JEREMY R. ALLISON — PE905846 — 03/12/2020 — CIVIL — PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

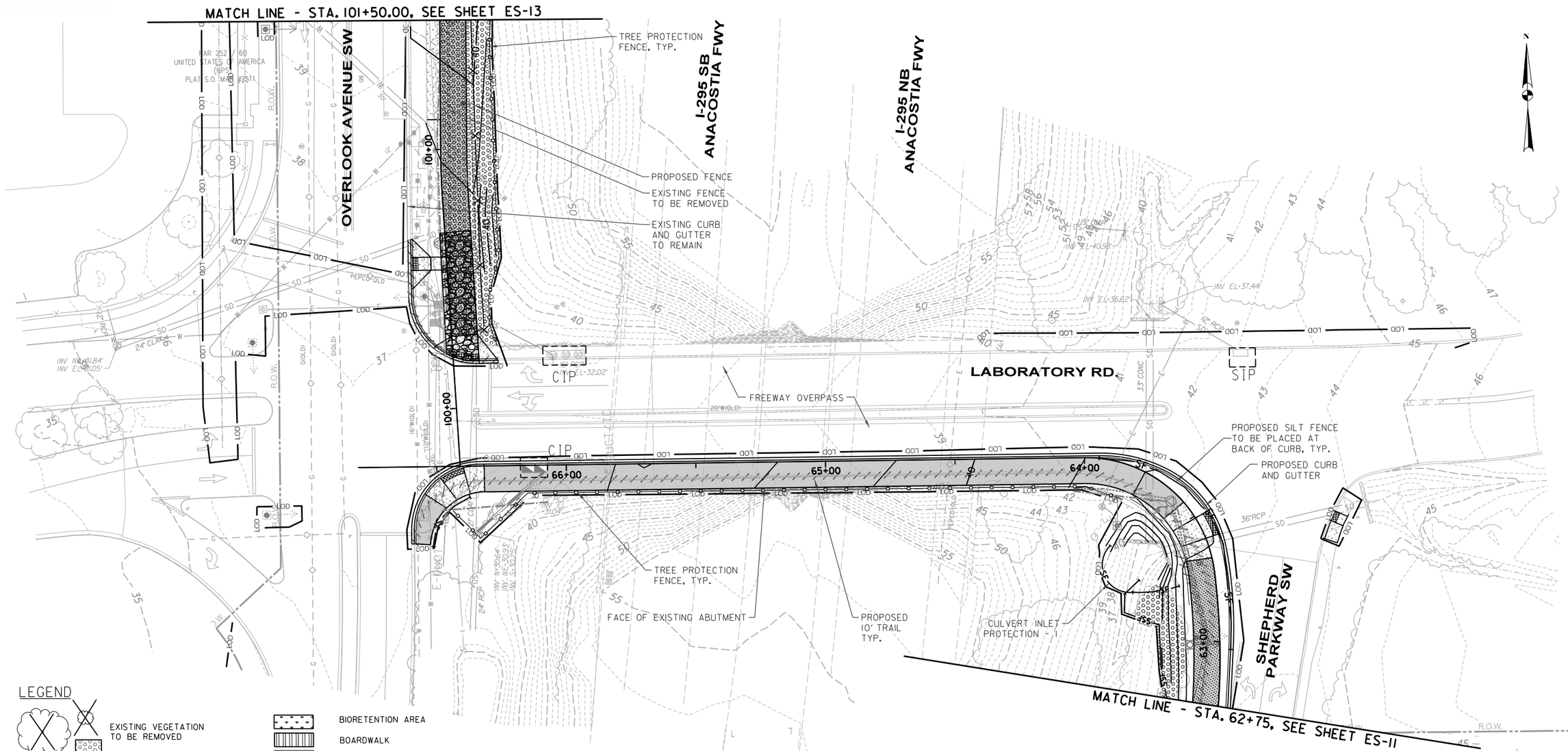
NO	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	217	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
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- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — JEREMY R. ALLISON — PE905848 — 03/12/2020 — CIVIL — PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-12

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

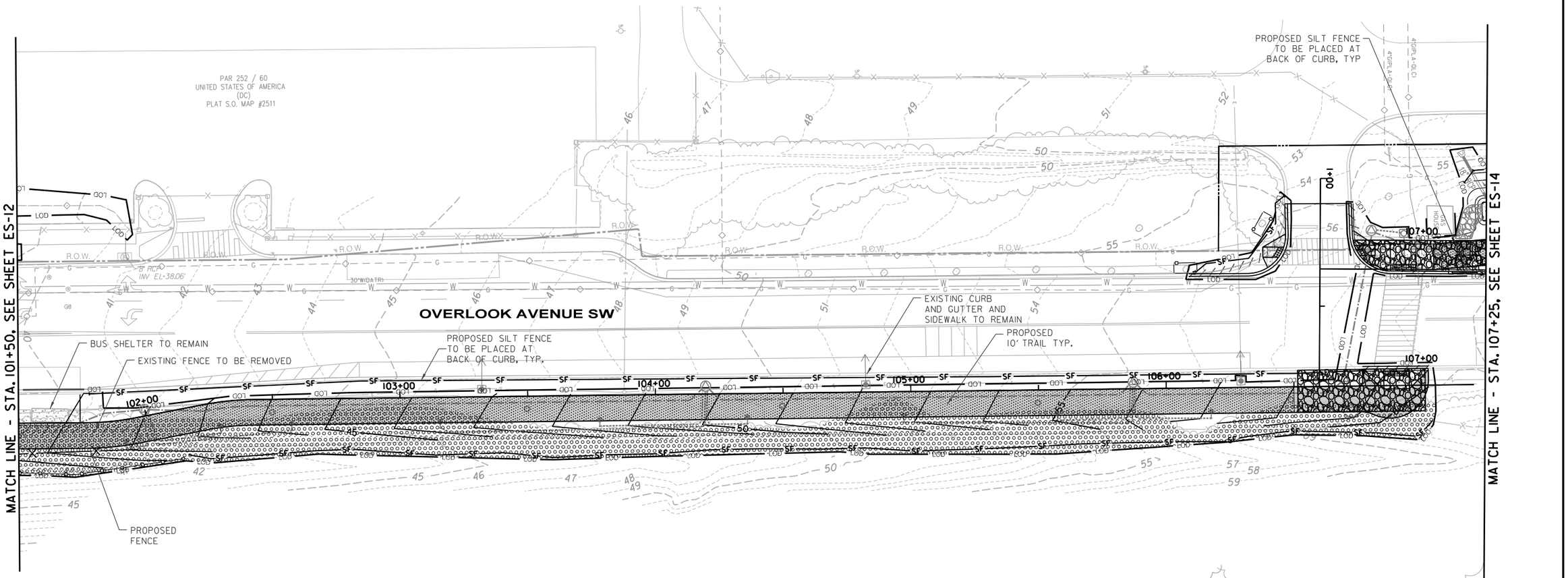
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 217 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	218	576



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- EXISTING VEGETATION TO BE REMOVED
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- REMOVAL OF LINEAR ELEMENT
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- STABILIZED CONSTRUCTION ENTRANCE
- BIORETENTION AREA
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- MULTI-PURPOSE TRAIL
- FLEXIBLE POROUS PAVEMENT
- MILL AND OVERLAY
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- RETAINING WALL
- R.O.W. — EXISTING ROW
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

ES-13

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE

FILE

SHEET 218 OF 576

DISTRICT OF COLUMBIA — BRIANNY R. ALLISON — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

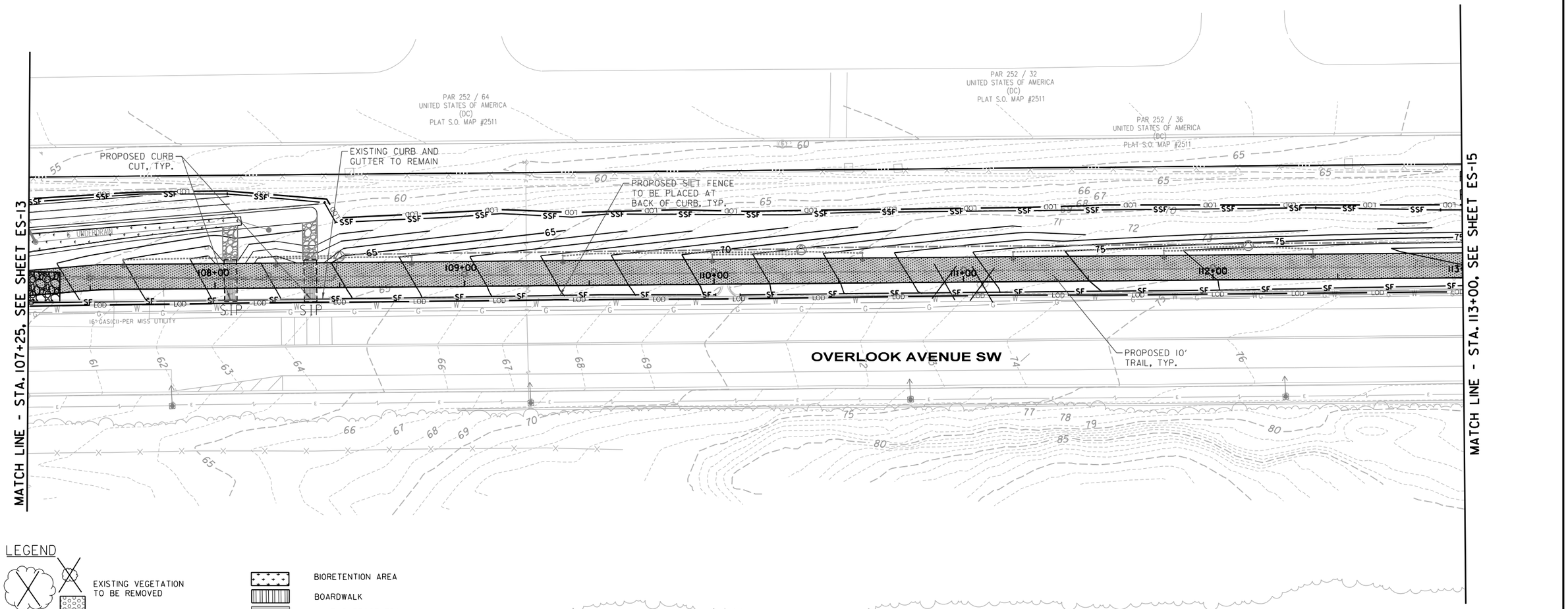
NO	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	219	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
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- REMOVAL OF LINEAR ELEMENT
- PD/S-1 PD/S-1 — DIVERSION DIKE
- STABILIZED CONSTRUCTION ENTRANCE
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- BOARDWALK
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- FLEXIBLE POROUS PAVEMENT
- MILL AND OVERLAY
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
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- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BENJAMIN R. ALLIS JR. — PE905846 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-14

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

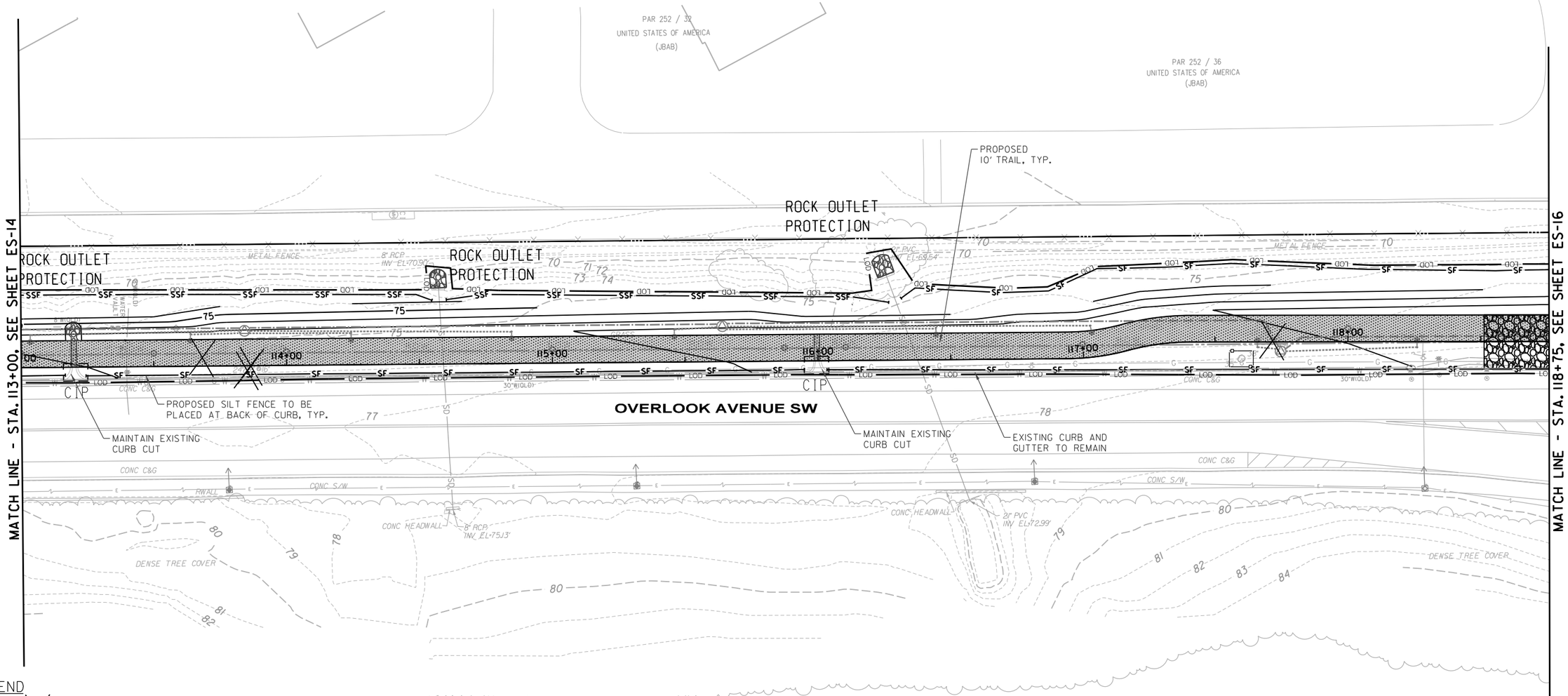
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 219 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	220	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
- SIP — STANDARD INLET PROTECTION
- CD — STONE CHECK DAM
- CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
- LOD — LIMITS OF DISTURBANCE
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- PD/S-1 PD/S-1 — DIVERSION DIKE
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- R.O.W. — EXISTING ROW
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

$DATE$
$FILE$

DISTRICT OF COLUMBIA — BENJAMIN R. ALLIS — PE905845 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-15

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

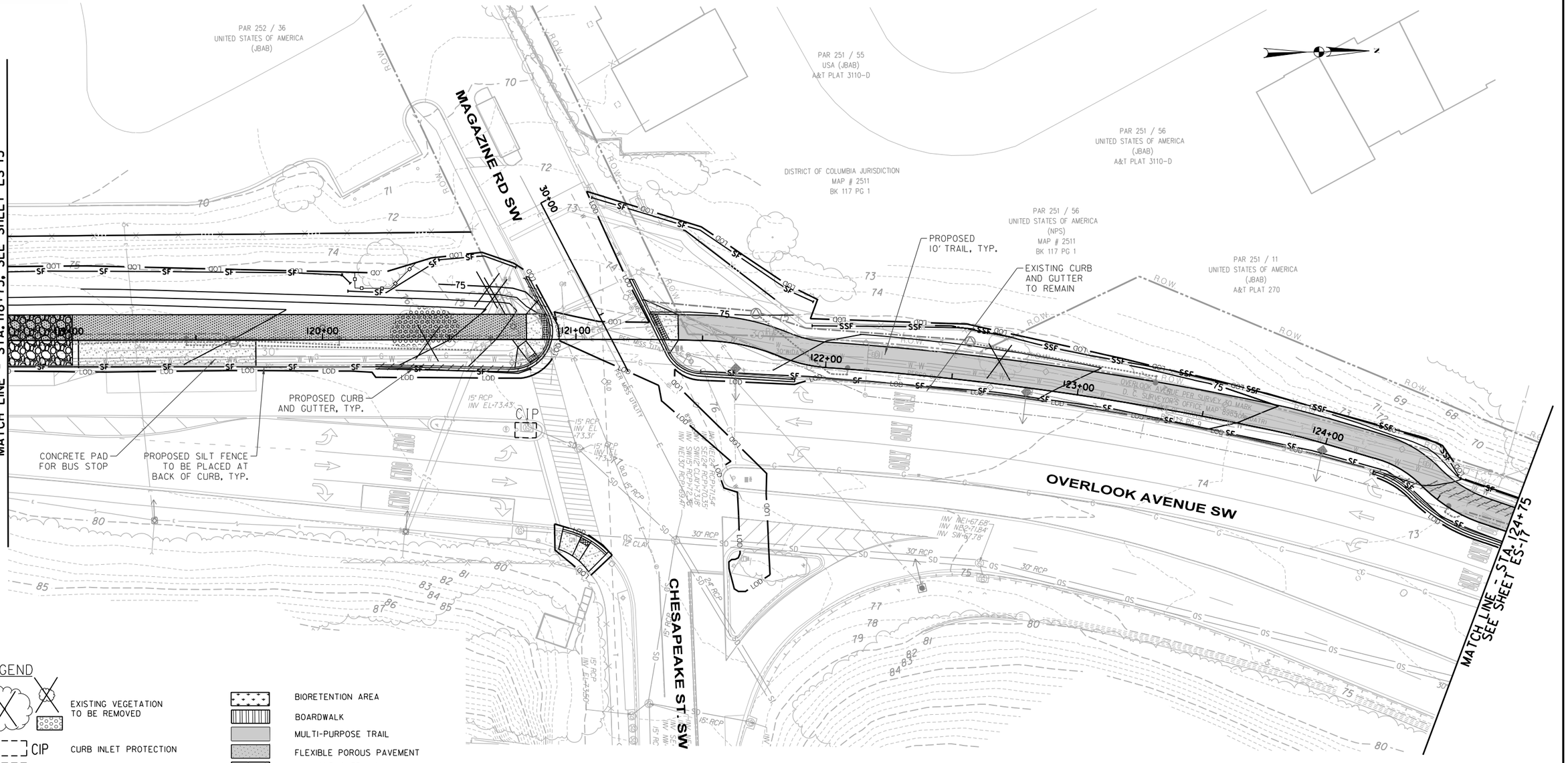
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE
FILE
SHEET 220 OF 576

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	221	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
- SIP — STANDARD INLET PROTECTION
- CD — STONE CHECK DAM
- CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
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- TREE PROTECTION
- REMOVAL OF LINEAR ELEMENT
- PD/S-1 PD/S-1 — DIVERSION DIKE
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- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

$DATE$
$FILE$

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — DELANEY R. ALLEN — PE906849 — 03/12/2020 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-16

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

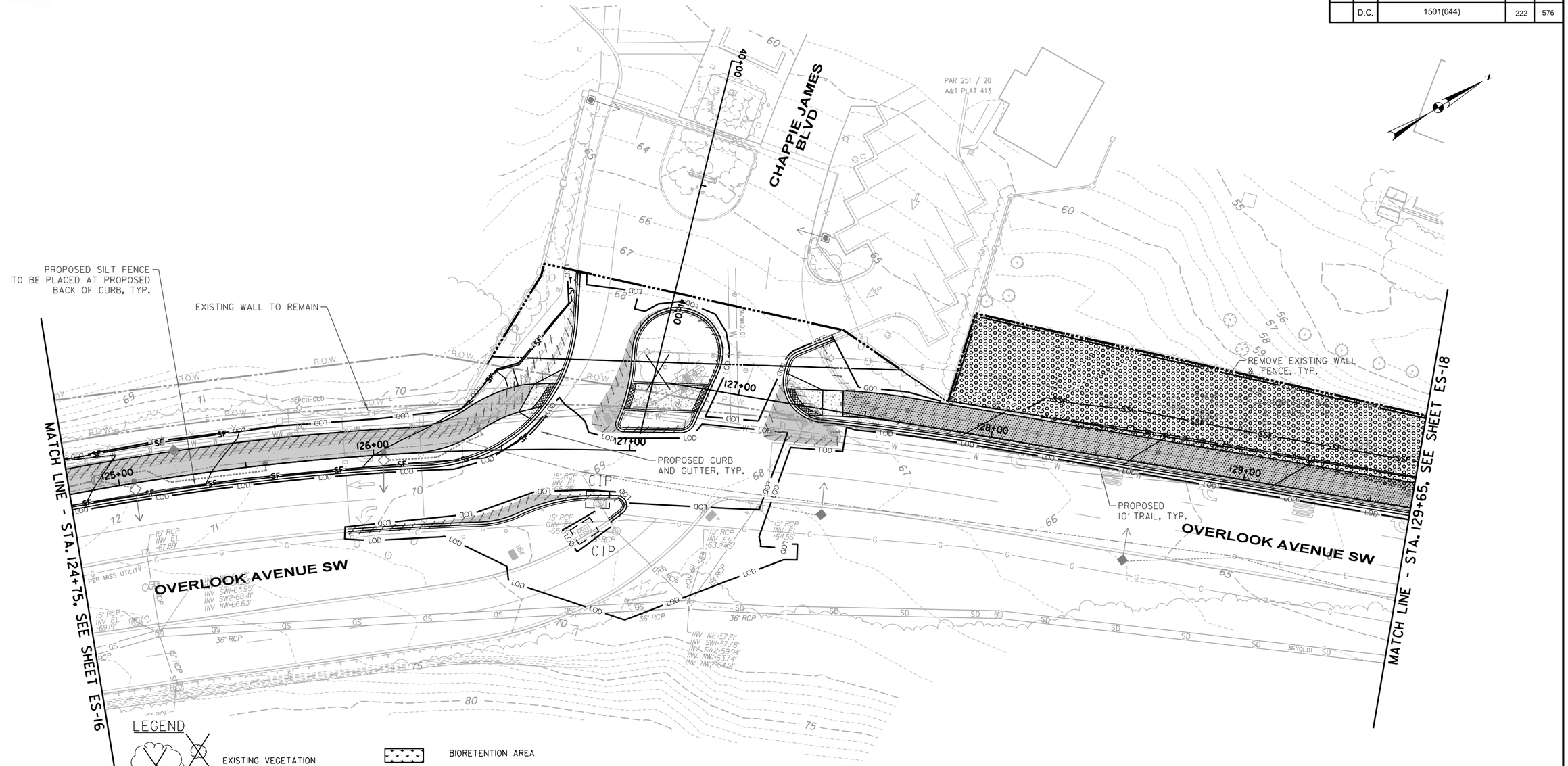
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE
FILE
SHEET 221 OF 576

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	222	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
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- SSF — SUPER SILT FENCE-I
- TREE PROTECTION
- REMOVAL OF LINEAR ELEMENT
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- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — MELANY R. ALLEN — PE905845 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-17

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

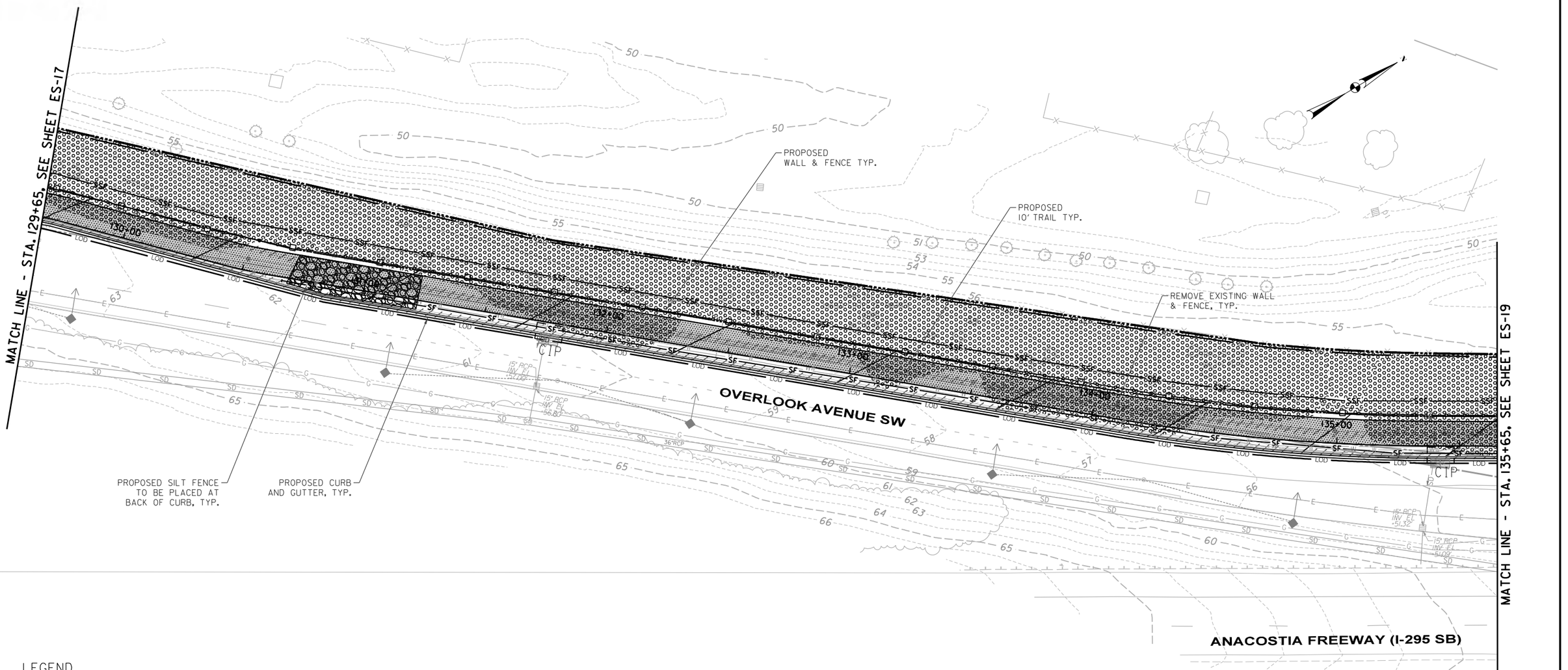
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 222 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	223	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
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- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BRANDY R. ALLISON — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-18

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

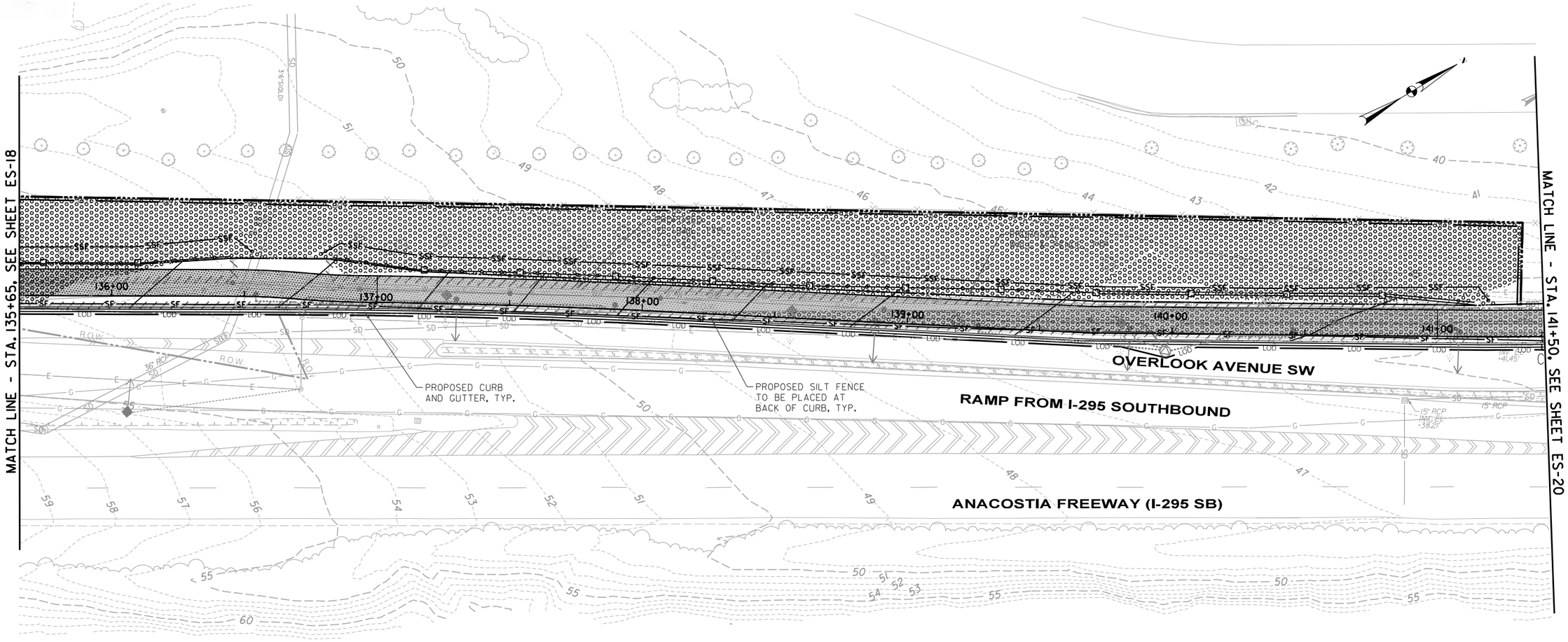
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 223 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	224	576



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- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — DELANY R. ALLEN — PE906849 — 03/31/2020 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-19

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

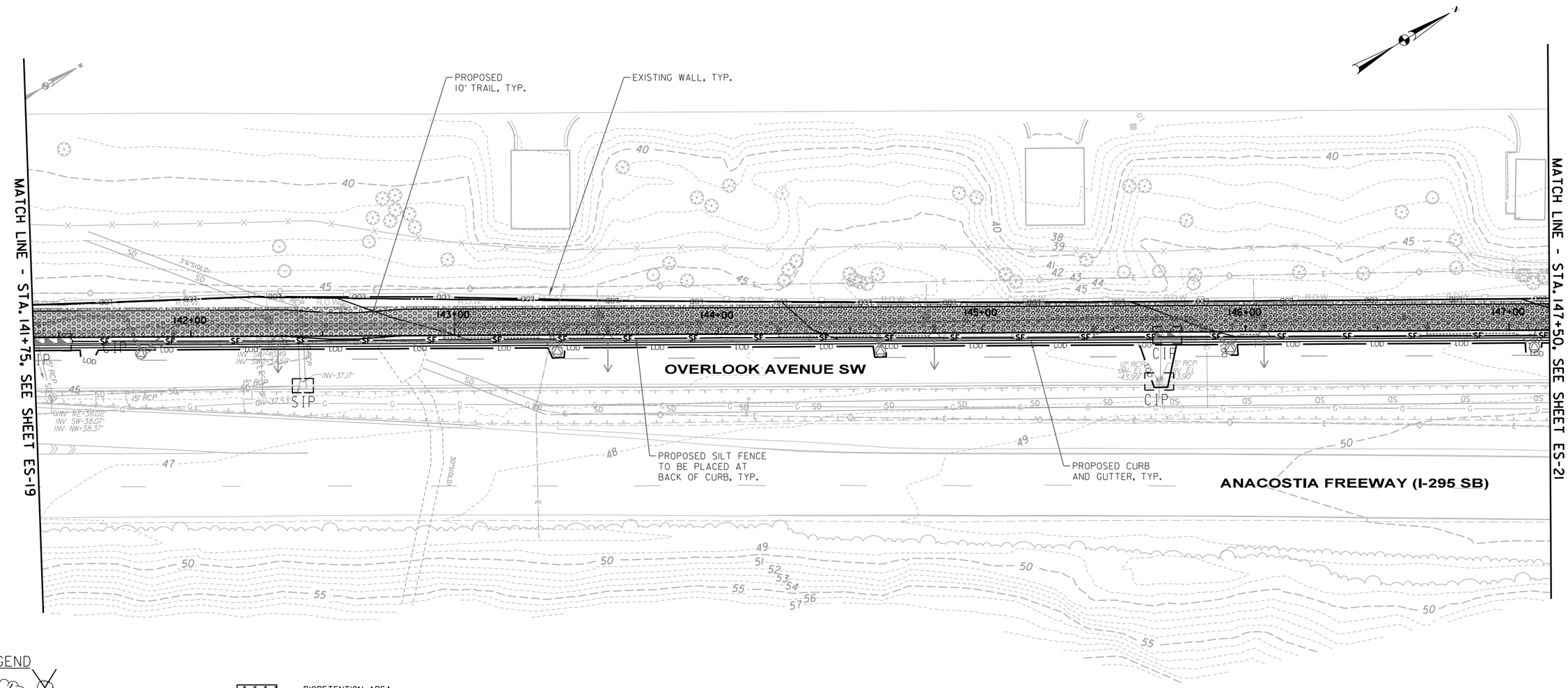
DIVISION CHIEF

DATE
FILE
SHEET 224 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	225	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
- SIP — STANDARD INLET PROTECTION
- CD — STONE CHECK DAM
- CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
- LOD — LIMITS OF DISTURBANCE
- SF — SILT FENCE-I
- SSF — SUPER SILT FENCE-I
- TREE PROTECTION
- REMOVAL OF LINEAR ELEMENT
- PD/S-1 PD/S-1 — DIVERSION DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- BIORETENTION AREA
- BOARDWALK
- MULTI-PURPOSE TRAIL
- FLEXIBLE POROUS PAVEMENT
- MILL AND OVERLAY
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- CONCRETE
- 40 — EXISTING CONTOUR
- 40 — PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- R.O.W. — EXISTING ROW
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

ES-20

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE
SHEET 225 OF 576

DISTRICT OF COLUMBIA — TIMOTHY R. ALLISTON — PE905849 — 03/12/2026 — PROFESSIONAL ENGINEER — CIVIL

ch2m TOOLE DESIGN

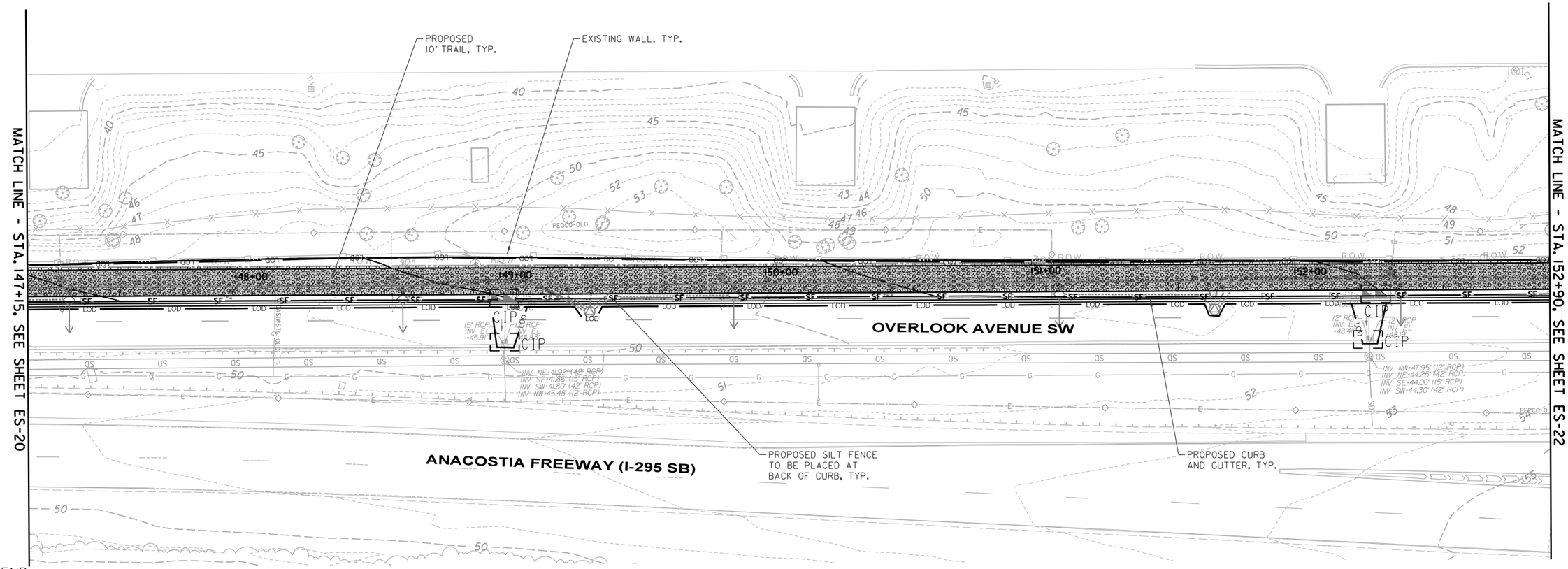
NO.	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	226	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
- SIP — STANDARD INLET PROTECTION
- CD — STONE CHECK DAM
- CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
- LOD — LIMITS OF DISTURBANCE
- SF — SILT FENCE-I
- SSF — SUPER SILT FENCE-I
- TREE PROTECTION
- REMOVAL OF LINEAR ELEMENT
- PD/S-1 PD/S-1 — DIVERSION DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- BIORETENTION AREA
- BOARDWALK
- MULTI-PURPOSE TRAIL
- FLEXIBLE POROUS PAVEMENT
- MILL AND OVERLAY
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- CONCRETE
- 40 — EXISTING CONTOUR
- 40 — PROPOSED CONTOUR
- PROPOSED FENCE
- PROPOSED BRICK SECURITY WALL
- RETAINING WALL
- R.O.W. — EXISTING ROW
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — DELANY R. ALLISTON — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-21

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

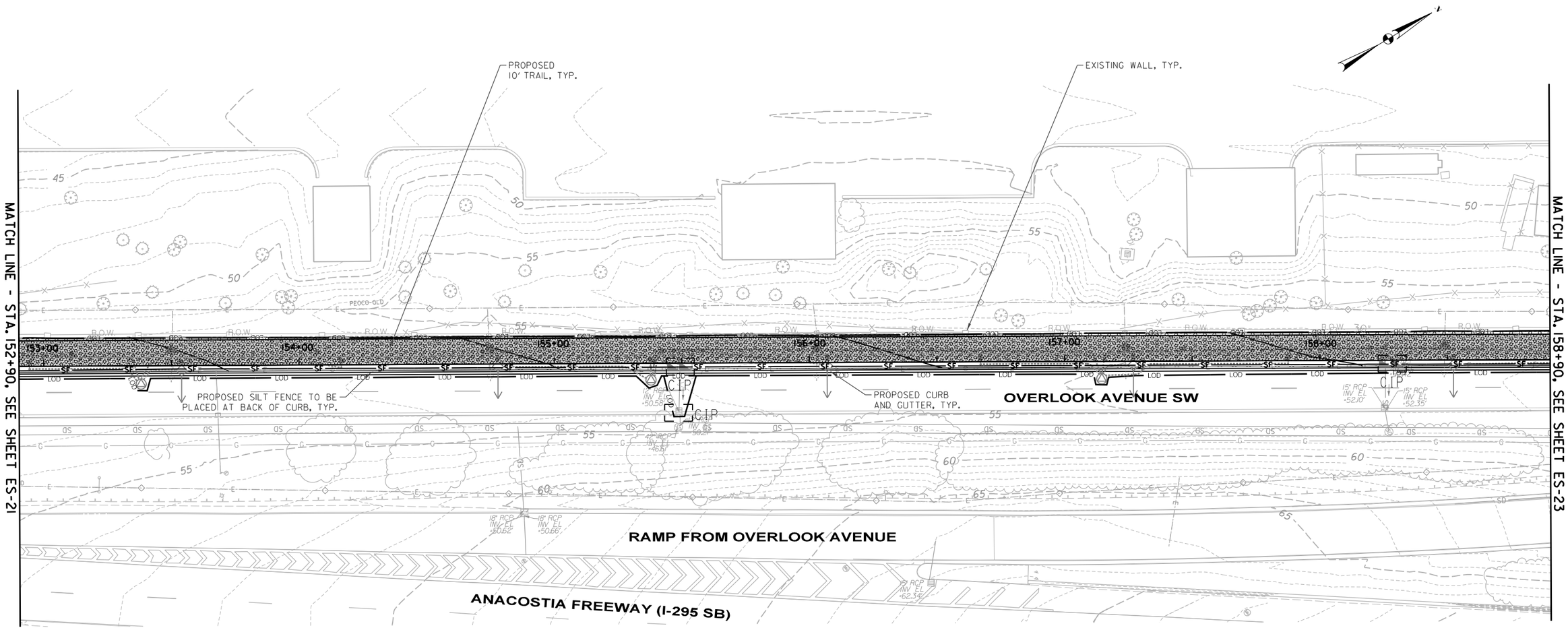
DATE
FILE

SHEET 226 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	227	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
- SIP — STANDARD INLET PROTECTION
- CD — STONE CHECK DAM
- CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
- LOD — LIMITS OF DISTURBANCE
- SF — SILT FENCE-I
- SSF — SUPER SILT FENCE-I
- TREE PROTECTION
- REMOVAL OF LINEAR ELEMENT
- PD/S-1 PD/S-1 — DIVERSION DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- BIORETENTION AREA
- BOARDWALK
- MULTI-PURPOSE TRAIL
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- RETAINING WALL
- R.O.W. — EXISTING ROW
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

$DATE$
$FILE$

DISTRICT OF COLUMBIA — MELANY R. ALLISON — PE905846 — 03/12/2020 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-22

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

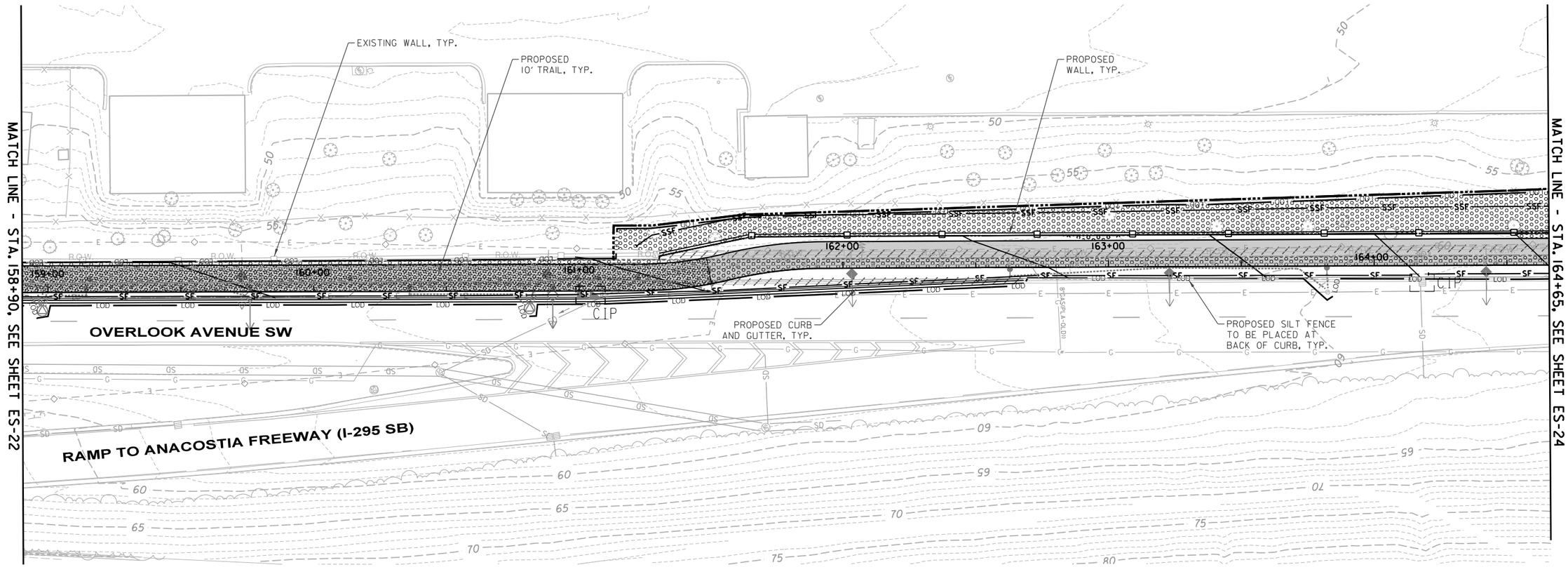
EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 227 OF 576

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	228	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
- SIP — STANDARD INLET PROTECTION
- CD — STONE CHECK DAM
- CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
- LOD — LIMITS OF DISTURBANCE
- SF — SILT FENCE-I
- SSF — SUPER SILT FENCE-I
- TREE PROTECTION
- REMOVAL OF LINEAR ELEMENT
- PD/S-1 PD/S-1 — DIVERSION DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- BIORETENTION AREA
- BOARDWALK
- MULTI-PURPOSE TRAIL
- FLEXIBLE POROUS PAVEMENT
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- PAVEMENT REMOVAL
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- RETAINING WALL
- R.O.W. — EXISTING ROW
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

$DATE$
$FILE$

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — DELANY R. ALLISON — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-23

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

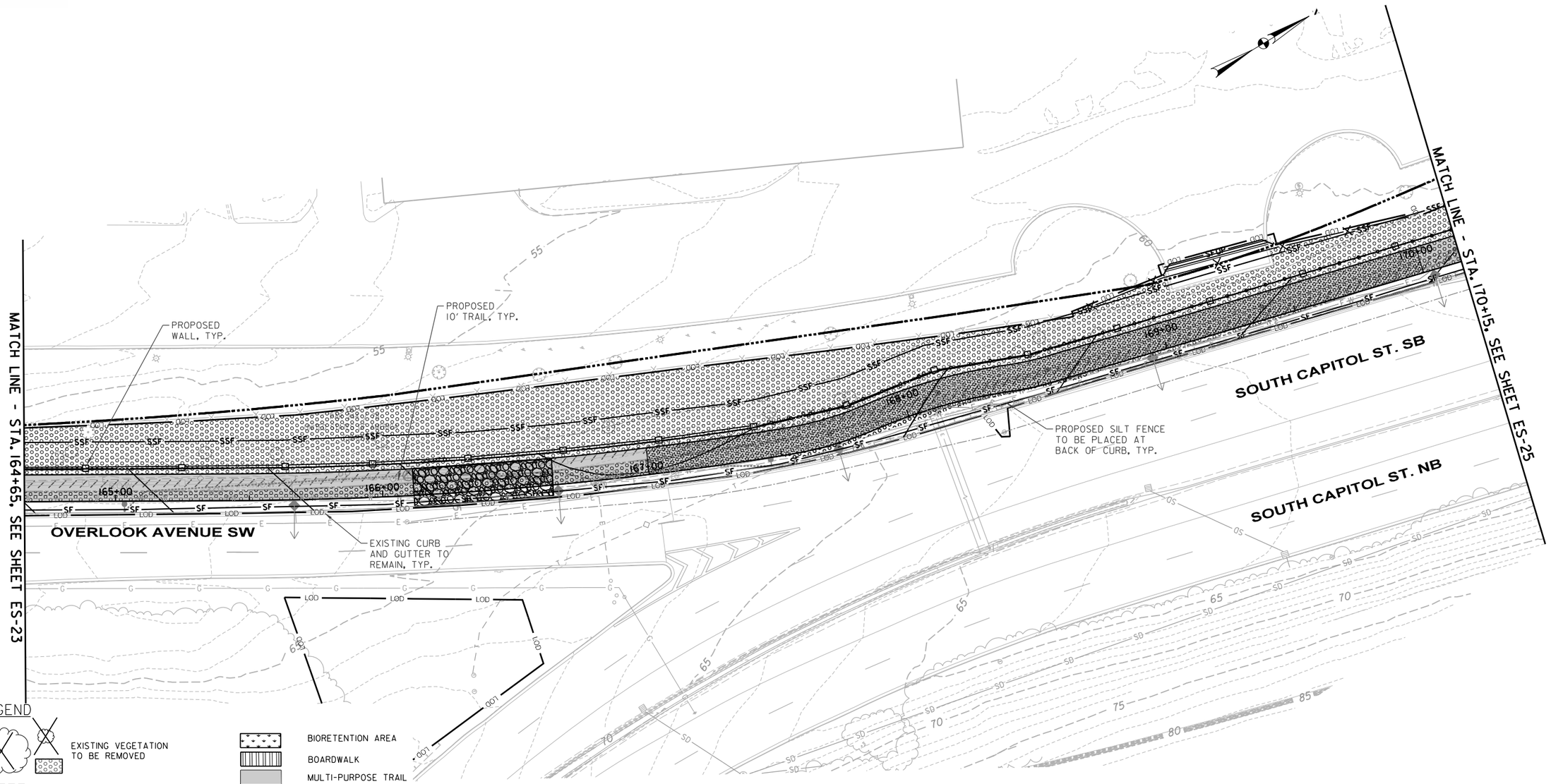
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE
FILE
SHEET 228 OF 576

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	229	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
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- CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
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- SSF — SUPER SILT FENCE-I
- TREE PROTECTION
- REMOVAL OF LINEAR ELEMENT
- PD/S-1 PD/S-1 — DIVERSION DIKE
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- BOARDWALK
- MULTI-PURPOSE TRAIL
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- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

$DATE$
$FILE$

DISTRICT OF COLUMBIA — BRANDY R. ALLISON — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-24

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

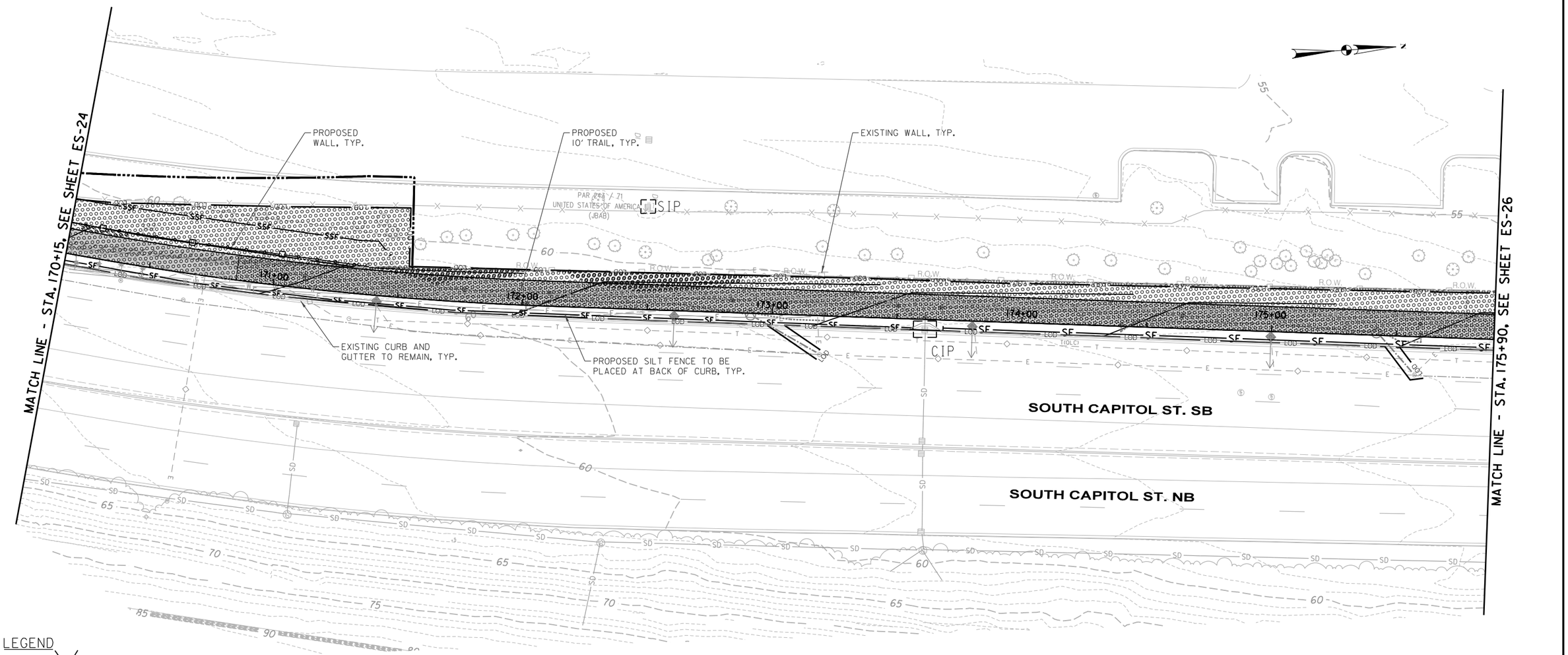
EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 229 OF 576

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	230	576



LEGEND

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- CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
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- SSF — SUPER SILT FENCE-I
- TREE PROTECTION
- REMOVAL OF LINEAR ELEMENT
- PD/S-1 PD/S-1 — DIVERSION DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- BIORETENTION AREA
- BOARDWALK
- MULTI-PURPOSE TRAIL
- FLEXIBLE POROUS PAVEMENT
- MILL AND OVERLAY
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
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- RETAINING WALL
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- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BRANDY R. ALLISON — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ES-25

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

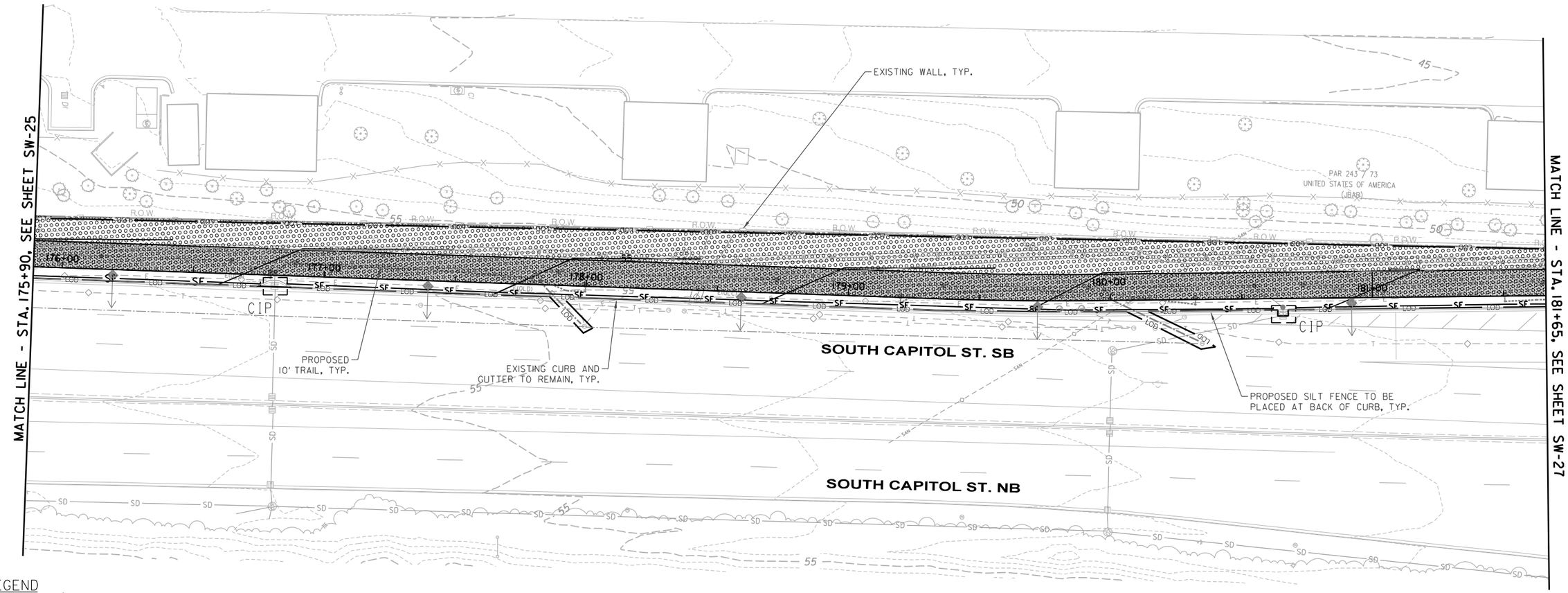
EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT
DIVISION CHIEF	
DATE	
FILE	
SHEET	230 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	231	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
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- TREE PROTECTION
- REMOVAL OF LINEAR ELEMENT
- PD/S-1 PD/S-1 — DIVERSION DIKE
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- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

$DATE$
$FILE$

DISTRICT OF COLUMBIA
MELANY R. ALLISON
PE905846
03/12/2020
CIVIL
PROFESSIONAL ENGINEER

ch2m
TOOLE
DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-26

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

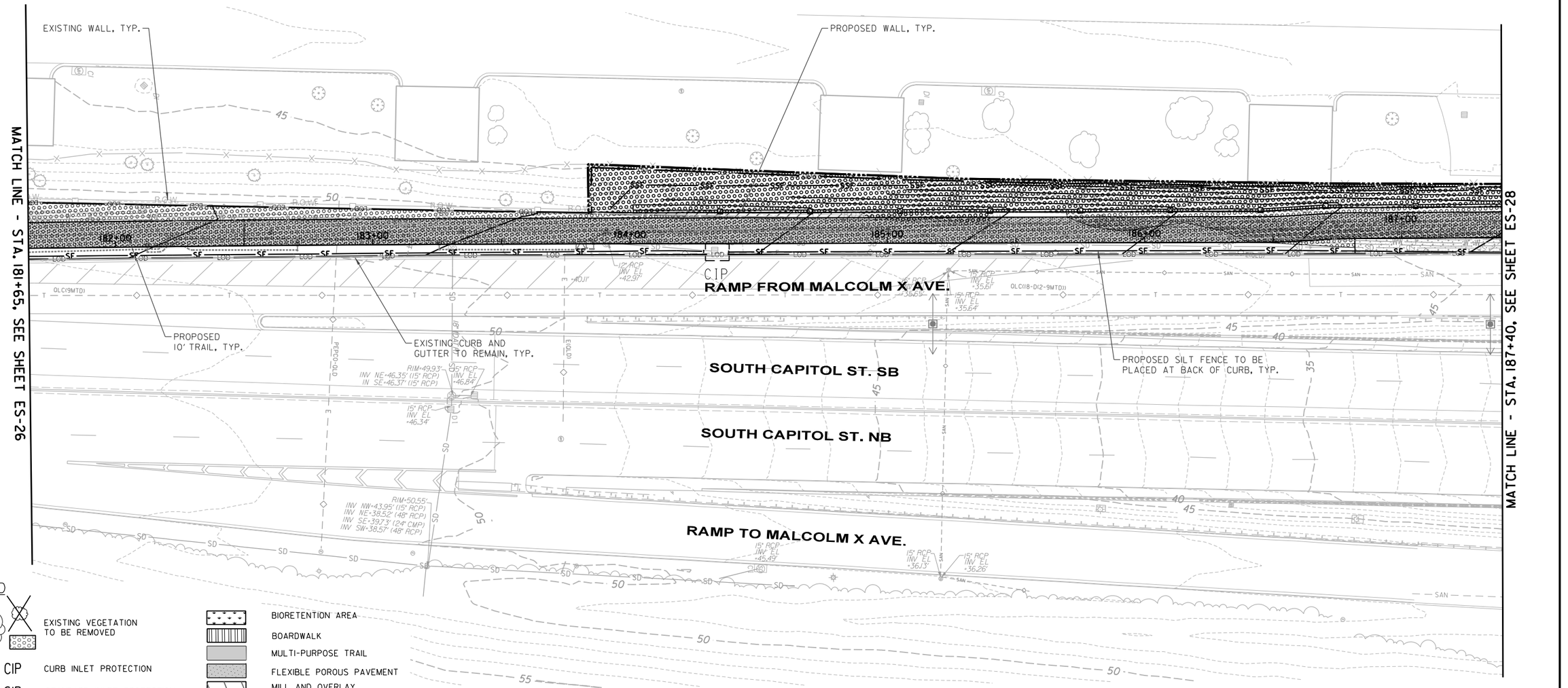
EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 231 OF 576

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	232	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
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- CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
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- TREE PROTECTION
- REMOVAL OF LINEAR ELEMENT
- PD/S-1 PD/S-1 — DIVERSION DIKE
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- BIORETENTION AREA
- BOARDWALK
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- RETAINING WALL
- R.O.W. — EXISTING ROW
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

ES-27

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT
DIVISION CHIEF
DATE
FILE
SHEET 232 OF 576

DISTRICT OF COLUMBIA — JEREMY R. ALLISON — PE905846 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	233	576

LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
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- BIORETENTION AREA
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- FLEXIBLE POROUS PAVEMENT
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- SIDEWALK REMOVAL
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- PROPOSED CONTOUR
- PROPOSED FENCE
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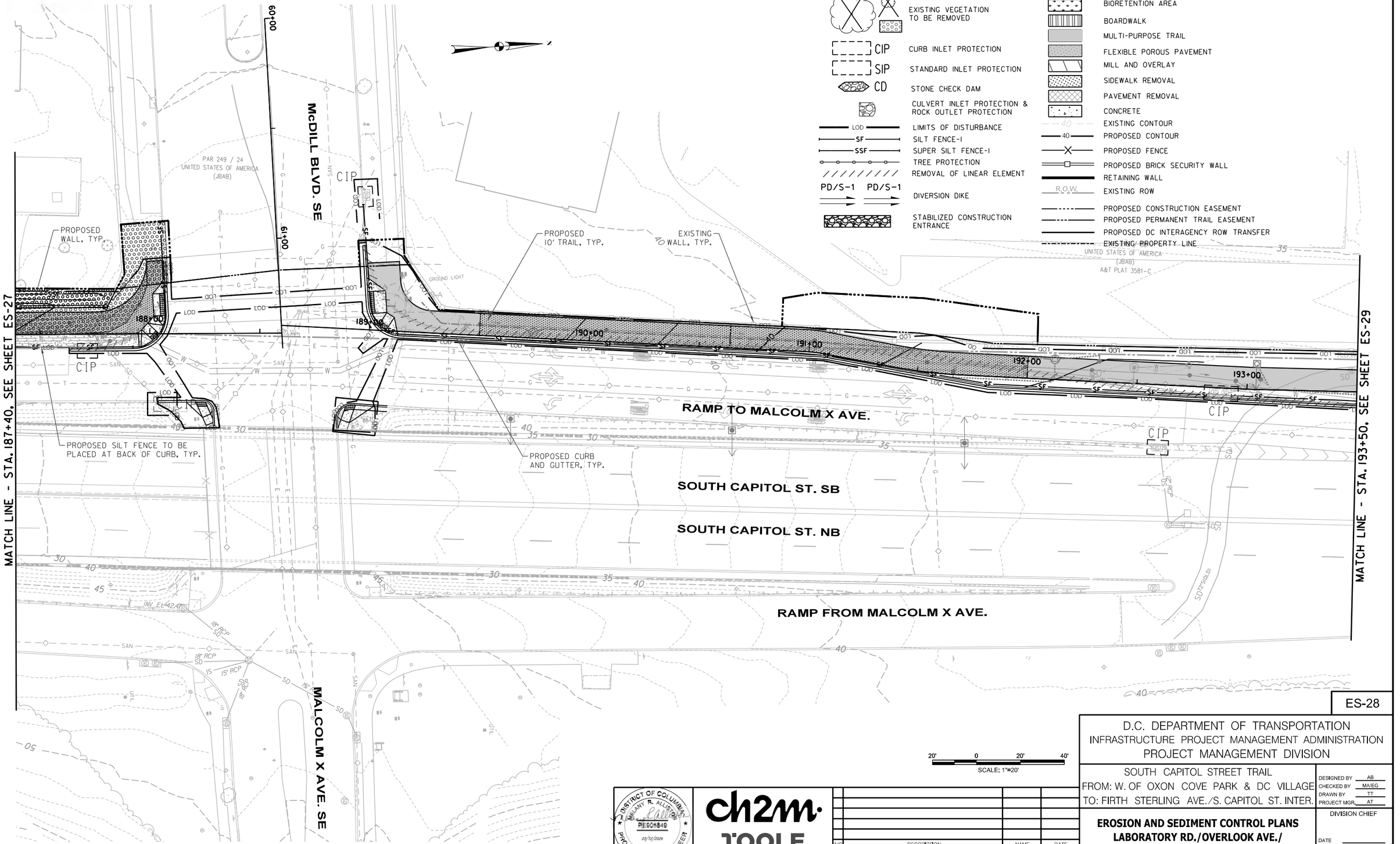
- R.O.W. — EXISTING ROW
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE



ES-28

20' 0 20' 40'
SCALE: 1"=20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE
SHEET 233 OF 576

DISTRICT OF COLUMBIA — BRANDY R. ALLISON — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

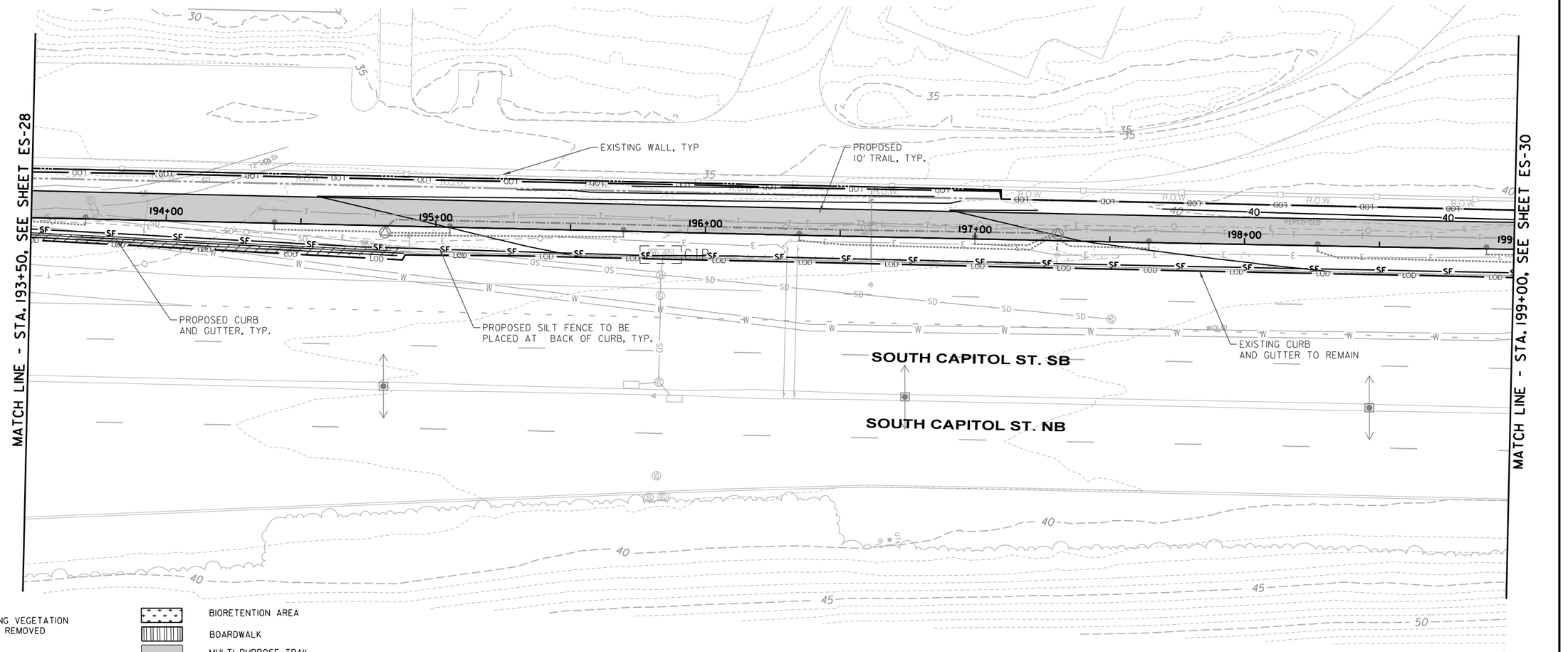
NO	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	234	576



LEGEND

	EXISTING VEGETATION TO BE REMOVED
CIP	CURB INLET PROTECTION
SIP	STANDARD INLET PROTECTION
CD	STONE CHECK DAM
	CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
LOD	LIMITS OF DISTURBANCE
SF	SILT FENCE-I
SSF	SUPER SILT FENCE-I
	TREE PROTECTION
	REMOVAL OF LINEAR ELEMENT
PD/S-1 PD/S-1	DIVERSION DIKE
	STABILIZED CONSTRUCTION ENTRANCE
	BIORETENTION AREA
	BOARDWALK
	MULTI-PURPOSE TRAIL
	FLEXIBLE POROUS PAVEMENT
	MILL AND OVERLAY
	SIDEWALK REMOVAL
	PAVEMENT REMOVAL
	CONCRETE
40	EXISTING CONTOUR
40	PROPOSED CONTOUR
	PROPOSED FENCE
	PROPOSED BRICK SECURITY WALL
	RETAINING WALL
R.O.W.	EXISTING ROW
	PROPOSED CONSTRUCTION EASEMENT
	PROPOSED PERMANENT TRAIL EASEMENT
	PROPOSED DC INTERAGENCY ROW TRANSFER
	EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

ES-29

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE
SHEET 234 OF 576

DISTRICT OF COLUMBIA
DELANY R. ALLISON
PE905849
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

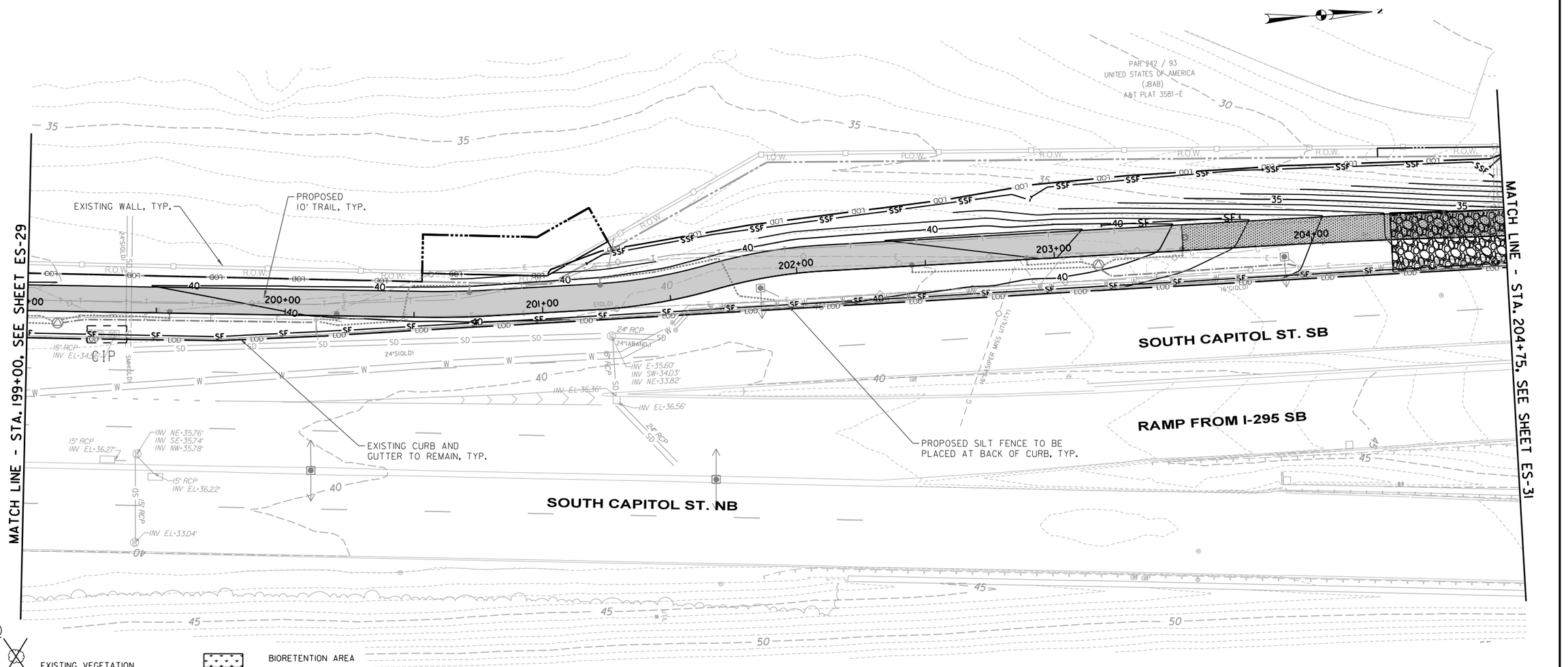
NO.	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	235	576



LEGEND

	EXISTING VEGETATION TO BE REMOVED
CIP	CURB INLET PROTECTION
SIP	STANDARD INLET PROTECTION
CD	STONE CHECK DAM
	CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
LOD	LIMITS OF DISTURBANCE
SF	SILT FENCE-I
SSF	SUPER SILT FENCE-I
	TREE PROTECTION
	REMOVAL OF LINEAR ELEMENT
PD/S-1 PD/S-1	DIVERSION DIKE
	STABILIZED CONSTRUCTION ENTRANCE
	BIORETENTION AREA
	BOARDWALK
	MULTI-PURPOSE TRAIL
	FLEXIBLE POROUS PAVEMENT
	MILL AND OVERLAY
	SIDEWALK REMOVAL
	PAVEMENT REMOVAL
	CONCRETE
40	EXISTING CONTOUR
40	PROPOSED CONTOUR
	PROPOSED FENCE
	PROPOSED BRICK SECURITY WALL
	RETAINING WALL
R.O.W.	EXISTING ROW
	PROPOSED CONSTRUCTION EASEMENT
	PROPOSED PERMANENT TRAIL EASEMENT
	PROPOSED DC INTERAGENCY ROW TRANSFER
	EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

ES-30

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE
SHEET 235 OF 576

DISTRICT OF COLUMBIA
DELANY R. ALLISTON
PE905849
03/12/2020
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

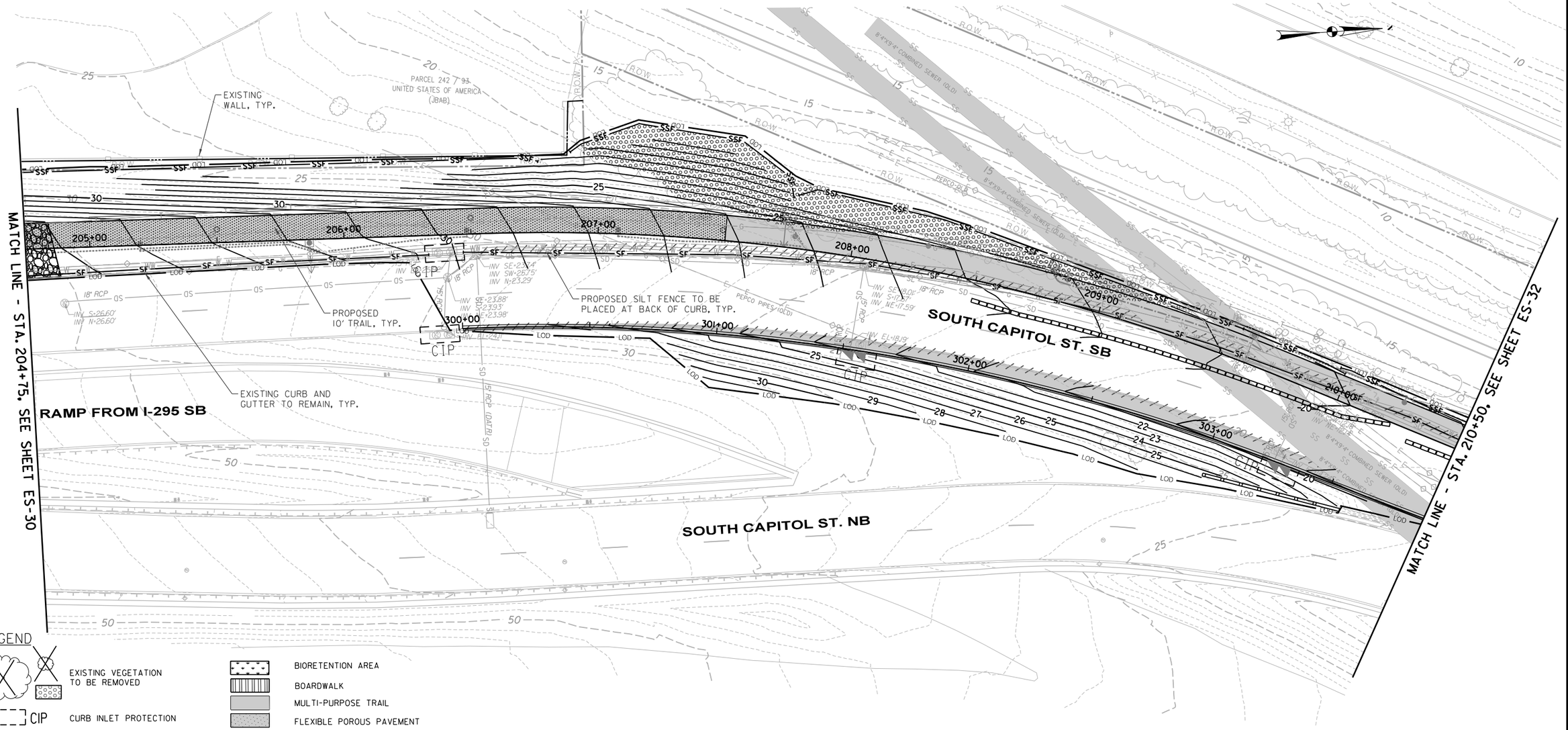
NO	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	236	576



LEGEND

- EXISTING VEGETATION TO BE REMOVED
- CIP — CURB INLET PROTECTION
- SIP — STANDARD INLET PROTECTION
- CD — STONE CHECK DAM
- CULVERT INLET PROTECTION & ROCK OUTLET PROTECTION
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- TREE PROTECTION
- REMOVAL OF LINEAR ELEMENT
- PD/S-1 PD/S-1 — DIVERSION DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- BIORETENTION AREA
- BOARDWALK
- MULTI-PURPOSE TRAIL
- FLEXIBLE POROUS PAVEMENT
- MILL AND OVERLAY
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- RETAINING WALL
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- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

$DATE$
$FILE$

DISTRICT OF COLUMBIA — BRANDY R. ALLEN — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-31

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

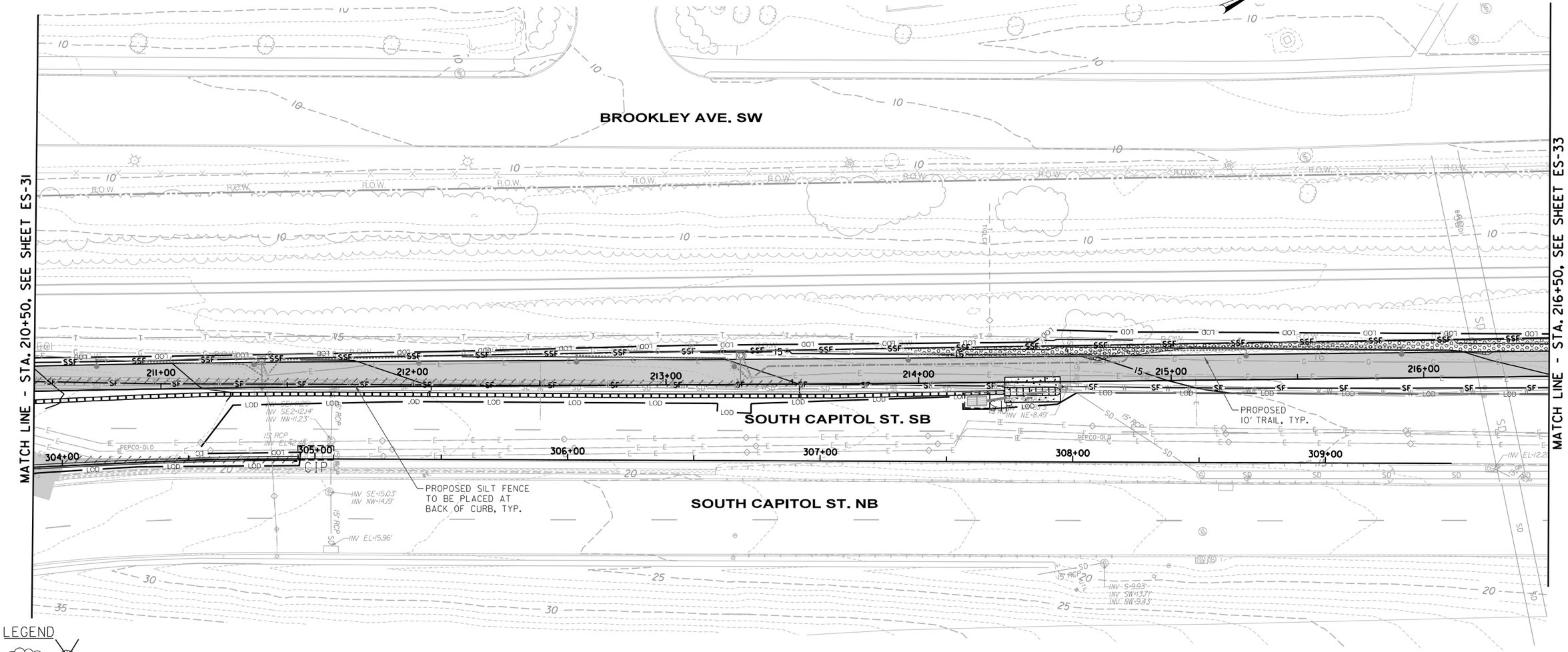
DATE

FILE

SHEET 236 OF 576

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	237	576



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- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

SCALE: 1"=20'

ES-32

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 237 OF 576

DISTRICT OF COLUMBIA — DELANEY R. ALLEN — PE906849 — 03/12/2020 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

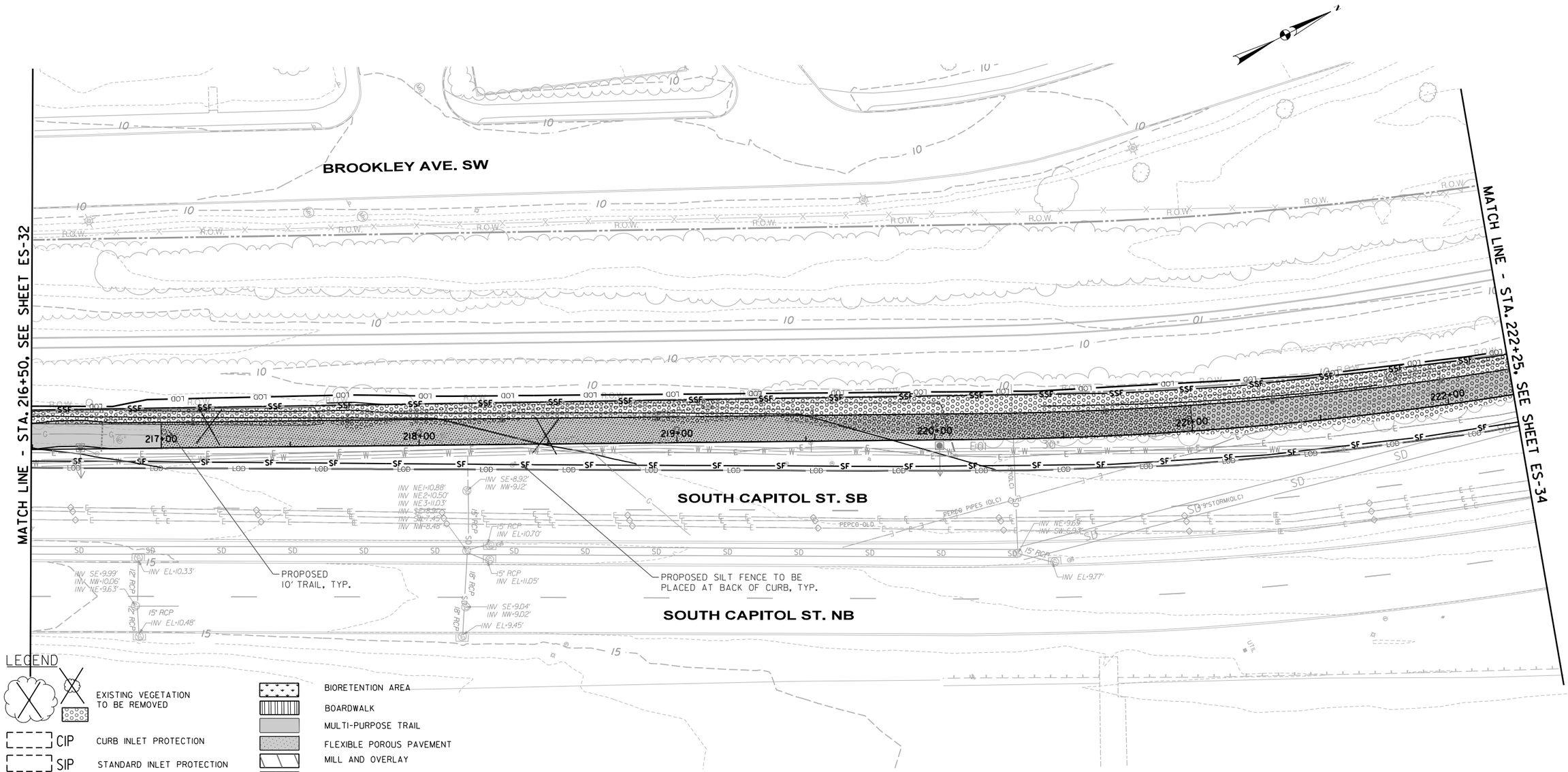
NO	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	238	576



LEGEND

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CIP	CURB INLET PROTECTION
SIP	STANDARD INLET PROTECTION
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	TREE PROTECTION
	REMOVAL OF LINEAR ELEMENT
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	STABILIZED CONSTRUCTION ENTRANCE
	BIORETENTION AREA
	BOARDWALK
	MULTI-PURPOSE TRAIL
	FLEXIBLE POROUS PAVEMENT
	MILL AND OVERLAY
	SIDEWALK REMOVAL
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R.O.W.	EXISTING ROW
	PROPOSED CONSTRUCTION EASEMENT
	PROPOSED PERMANENT TRAIL EASEMENT
	PROPOSED DC INTERAGENCY ROW TRANSFER
	EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · ANTHONY R. ALLISTON · PE905849 · 09/19/2016 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-33

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
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EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

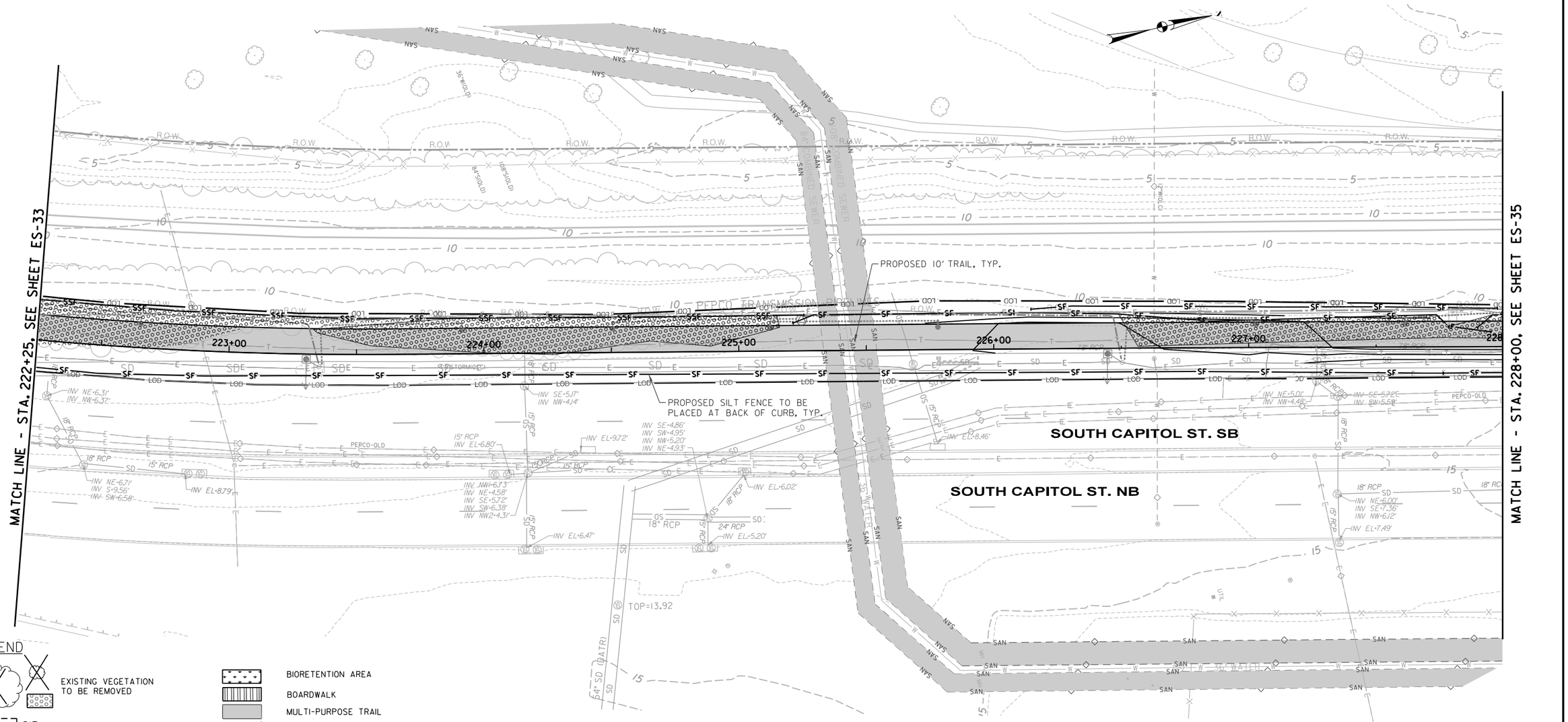
DATE
FILE

SHEET 238 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	239	576



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	STABILIZED CONSTRUCTION ENTRANCE
	BIORETENTION AREA
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	PROPOSED DC INTERAGENCY ROW TRANSFER
	EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
BRIANNA R. ALLSUP
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ES-34

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

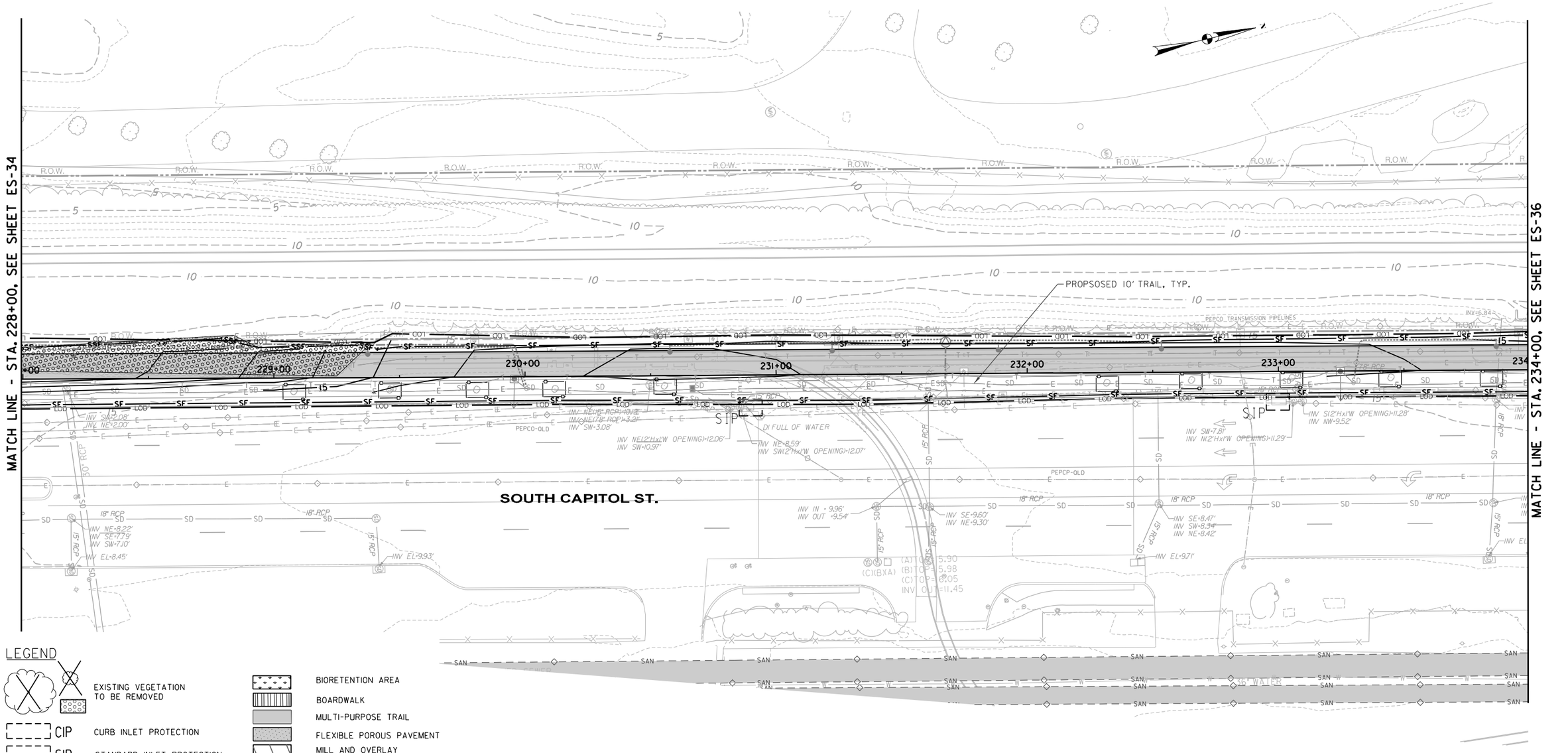
EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT
DIVISION CHIEF	
DATE	
FILE	
SHEET	239 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	240	576



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- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

ES-35

DISTRICT OF COLUMBIA — TIMOTHY R. ALLEN — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

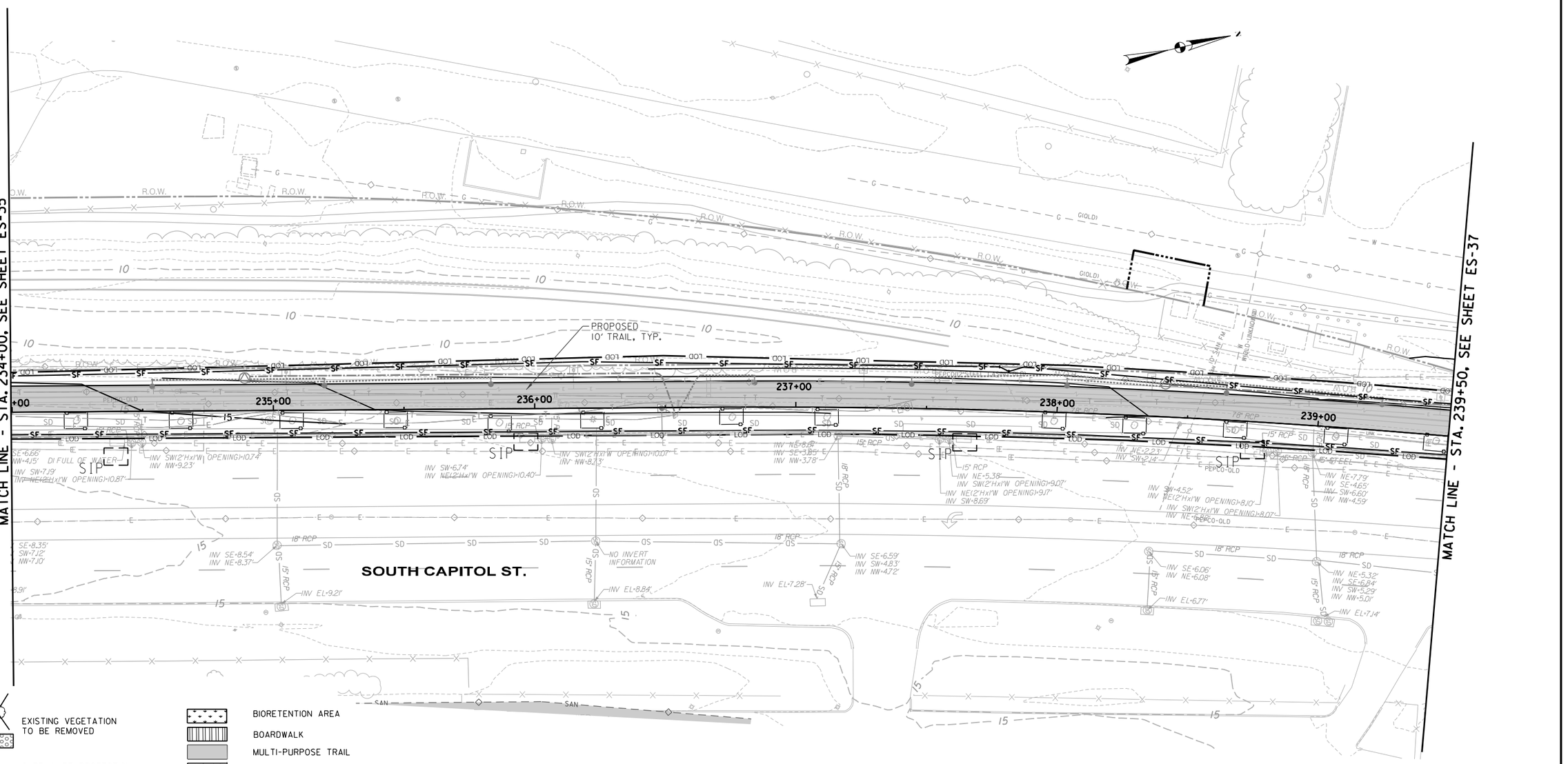
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 240 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	241	576



LEGEND

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- STABILIZED CONSTRUCTION ENTRANCE
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- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

ES-36

DISTRICT OF COLUMBIA — DANNY R. ALLISON — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE

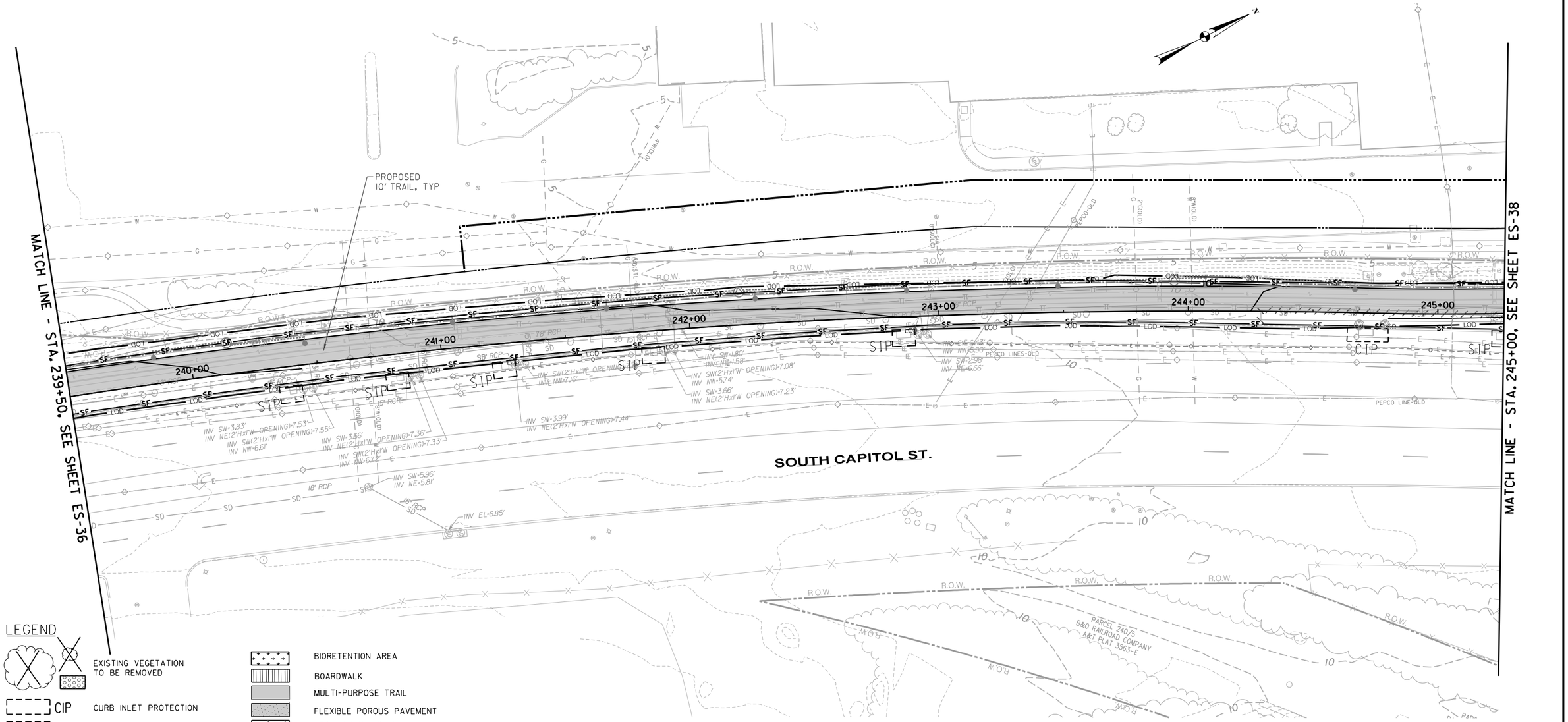
FILE

SHEET 241 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	242	576



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- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

ES-37

$DATE$
$FILE$

DISTRICT OF COLUMBIA — BRANDY R. ALLISON — PE905849 — 03/12/2026 — PROFESSIONAL ENGINEER — CIVIL

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

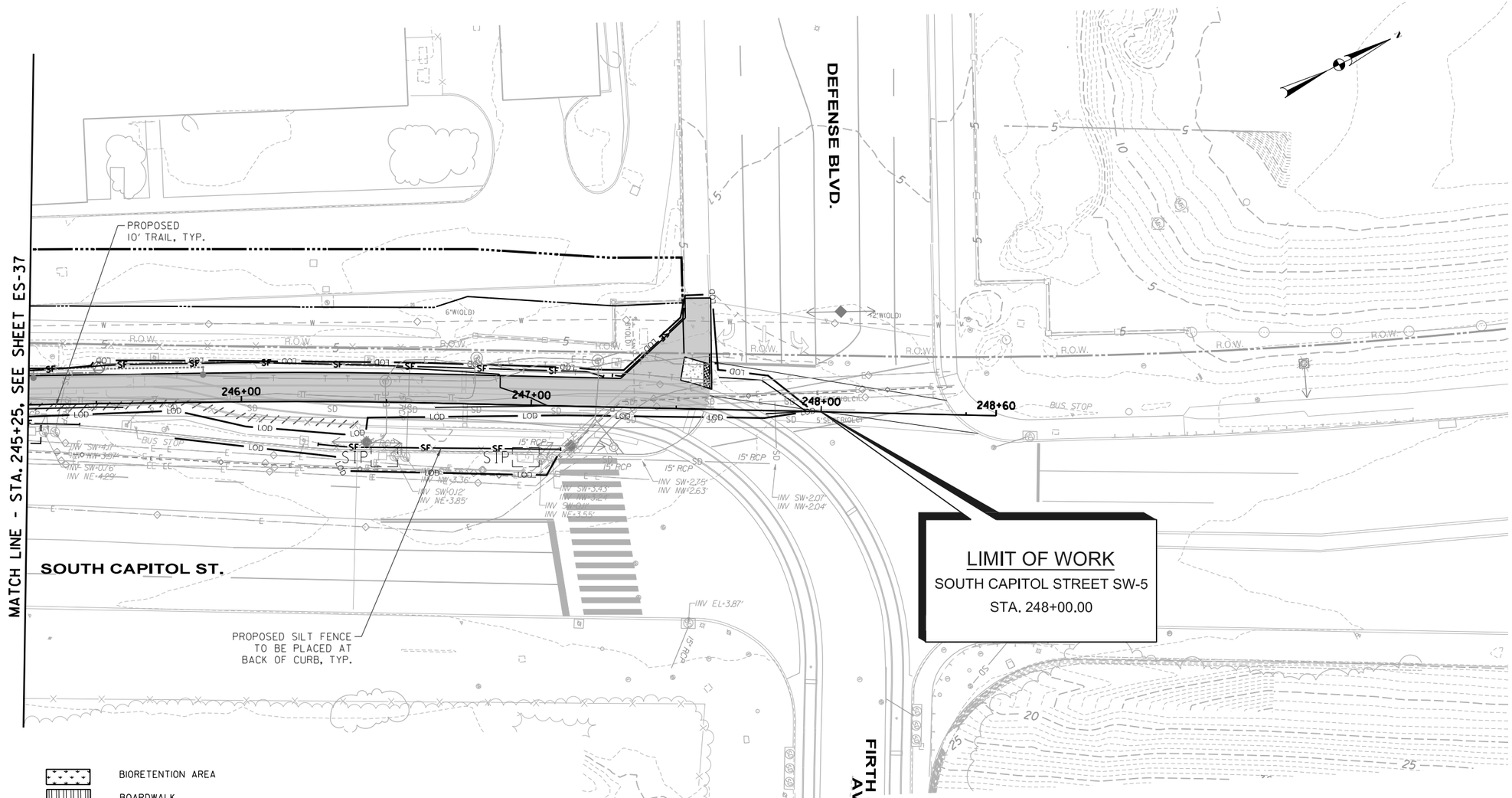
DATE

FILE

SHEET 242 OF 576

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	243	576



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- PROPOSED PERMANENT TRAIL EASEMENT
- PROPOSED DC INTERAGENCY ROW TRANSFER
- EXISTING PROPERTY LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — DELANY R. ALLEN — PE905849 — 03/12/2020 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ES-38

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL PLANS
LABORATORY RD./OVERLOOK AVE./
S. CAPITOL ST.

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

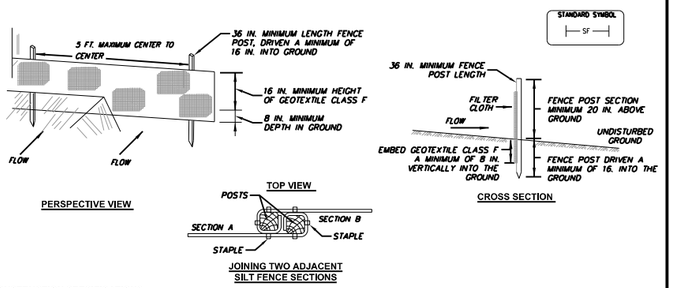
DIVISION CHIEF

DATE
FILE
SHEET 243 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	244	576



CONSTRUCTION SPECIFICATIONS

1. FENCE POSTS MUST BE A MINIMUM OF 36 IN. LONG DRIVEN 16 IN. MINIMUM INTO THE GROUND. WOOD POSTS MUST BE OF SOUND QUALITY HARDWOOD WITH 1-1/2 IN. MINIMUM WIDTH WHEN SQUARE CUT, OR 1-3/4 IN. MINIMUM DIAMETER WHEN ROUND. STEEL POSTS MUST BE STANDARD T OR U SECTION WEIGHING NOT LESS THAN 1.00 POUND PER LINEAR FOOT.
2. FASTEN GEOTEXTILE SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION. GEOTEXTILE MUST MEET THE FOLLOWING REQUIREMENTS (GEOTEXTILE CLASS F):

PROPERTY	VALUE	TEST METHOD
TENSILE STRENGTH	50 LBS/IN (MIN.)	ASTM D-4595
TENSILE MODULUS	20 LBS/IN (MIN.)	ASTM D-4595
FLOW RATE	0.3 GAL/FT² /MINUTE (MAX.)	ASTM D-5141
FILTERING EFFICIENCY	75% (MIN.)	ASTM D-5141

3. WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, OVERLAP, FOLD, AND STAPLE THEM TO PREVENT SEDIMENT BYPASS.
4. INSPECT SILT FENCE AFTER EACH RAINFALL EVENT, AT LEAST DAILY DURING SUSTAINED RAINFALL EVENTS, AND MAINTAIN WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHES 30% OF THE FABRIC HEIGHT.

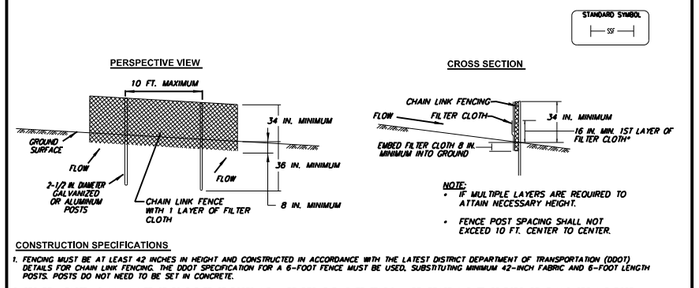
DATE	APPR		
REVISED			
ISSUED:			
	REFERENCE		

SILT FENCE-1

DISTRICT OF COLUMBIA DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 301.1

SOURCE: 2011 MARYLAND STANDARDS & SPECIFICATIONS



CONSTRUCTION SPECIFICATIONS

1. FENCING MUST BE AT LEAST 42 INCHES IN HEIGHT AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST DISTRICT DEPARTMENT OF TRANSPORTATION (DDOT) DETAILS FOR CHAIN LINK FENCING. THE DDOT SPECIFICATION FOR A 6-FOOT FENCE MUST BE USED, SUBSTITUTING MINIMUM 42-INCH FABRIC AND 6-FOOT LENGTH POSTS. POSTS DO NOT NEED TO BE SET IN CONCRETE.
2. SECURELY FASTEN CHAIN LINK FENCE TO THE FENCE POSTS WITH WIRE TIES. THE LOWER TENSION WIRE, BRACE AND TRUSS RODS, DRIVE ANCHORS AND POST CAPS ARE NOT REQUIRED EXCEPT ON THE ENDS OF THE FENCE.
3. SECURELY FASTEN GEOTEXTILE TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID-SECTION.
4. EMBED GEOTEXTILE A MINIMUM OF 8 INCHES INTO THE GROUND.
5. WHEN TWO SECTIONS OF GEOTEXTILE FABRIC ADJOIN EACH OTHER, FOLD AND OVERLAP BY 6 INCHES.
6. GEOTEXTILE MUST MEET THE FOLLOWING REQUIREMENTS FOR GEOTEXTILE CLASS F (FROM TABLE 3.2-SEE BELOW):

PROPERTY	VALUE	TEST METHOD
TENSILE STRENGTH	50 LBS/IN (MIN.)	ASTM D-4595
TENSILE MODULUS	20 LBS/IN (MIN.)	ASTM D-4595
FLOW RATE	0.3 GAL/FT² /MINUTE (MAX.)	ASTM D-5141
FILTERING EFFICIENCY	75% (MIN.)	ASTM D-5141

7. INSPECT SUPER SILT FENCE AFTER EACH RAINFALL EVENT, AT LEAST DAILY DURING SUSTAINED RAINFALL EVENTS, AND MAINTAIN WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHES 30% OF THE FABRIC HEIGHT.

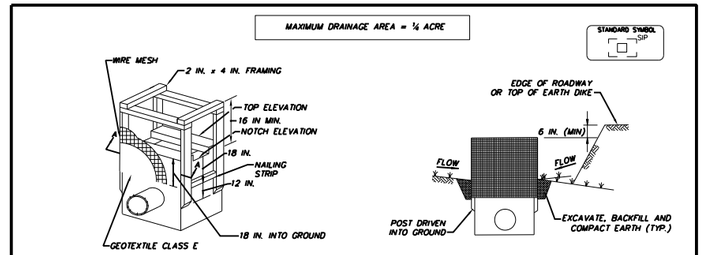
DATE	APPR		
REVISED			
ISSUED:			
	REFERENCE		

SUPER SILT FENCE-1

DISTRICT OF COLUMBIA DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 302.1

SOURCE: 2011 MARYLAND STANDARDS & SPECIFICATIONS



CONSTRUCTION SPECIFICATIONS

1. EXCAVATE COMPLETELY AROUND THE INLET TO A DEPTH OF 18 INCHES BELOW THE NOTCH ELEVATION.
2. DRIVE 2-INCH x 4-INCH CONSTRUCTION GRADE LUMBER POSTS 1 FOOT INTO THE GROUND AT EACH CORNER OF THE INLET. PLACE NAIL STRIPS BETWEEN THE POSTS ON THE ENDS OF THE INLET. ASSEMBLE THE TOP PORTION OF THE 2-INCH x 4-INCH FRAME USING THE OVERLAP JOINT SHOWN ON DETAIL 307.1. THE TOP OF THE FRAME (WEIR) MUST BE 6 INCHES BELOW ADJACENT ROADWAYS WHERE FLOODING AND SAFETY ISSUES MAY ARISE.
3. STRETCH 1/2-INCH x 1/2-INCH WIRE MESH TIGHTLY AROUND THE FRAME AND FASTEN SECURELY. THE ENDS MUST MEET AND OVERLAP AT A POST.
4. STRETCH THE GEOTEXTILE CLASS E TIGHTLY OVER THE WIRE MESH WITH THE GEOTEXTILE EXTENDING FROM THE TOP OF THE FRAME TO 18 INCHES BELOW THE INLET NOTCH ELEVATION. FASTEN THE GEOTEXTILE FIRMLY TO THE FRAME. THE ENDS OF THE GEOTEXTILE MUST MEET AT A POST, BE OVERLAPPED AND FOLDED, THEN FASTENED DOWN.
5. BACKFILL AROUND THE INLET IN COMPACTED 6-INCH LAYERS UNTIL THE LAYER OF EARTH IS LEVEL WITH THE NOTCH ELEVATION ON THE ENDS AND TOP ELEVATION ON THE SIDES.
6. IF THE INLET IS NOT IN A SUMP, CONSTRUCT A COMPACTED EARTH DIKE ACROSS THE DITCH LINE DIRECTLY BELOW IT. THE TOP OF THE EARTH DIKE SHOULD BE AT LEAST 6 INCHES HIGHER THAN THE TOP OF THE FRAME.
7. THE STRUCTURE MUST BE INSPECTED PERIODICALLY AND AFTER EACH RAIN AND THE GEOTEXTILE REPLACED WHEN IT BECOMES CLOGGED.

DATE	APPR		
REVISED			
ISSUED:			
	REFERENCE		

STANDARD INLET PROTECTION
STORM DRAIN INLET PROTECTION

DISTRICT OF COLUMBIA DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 307.1

SOURCE: 2011 MARYLAND STANDARDS AND SPECIFICATIONS

SILT FENCE DESIGN CRITERIA:

TABLE 3.1: SILT FENCE SLOPE LENGTH AND FENCE LENGTH CONSTRAINTS

SLOPE STEEPNESS	SLOPE LENGTH (MAXIMUM) (FEET)	SILT FENCE LENGTH (MAXIMUM) (FEET)
FLATTER THAN 50:1 (2%)	UNLIMITED	UNLIMITED
> 50:1 TO 10:1 (2% to 10%)	125	1,000
> 10:1 TO 5:1 (10% to 20%)	100	750
> 5:1 TO 3:1 (20% to 33%)	60	500
> 3:1 TO 2:1 (33% to 50%)	40	250
> 2:1 (> 50%)	20	125

NOTE:
- IN AREAS OF LESS THAN 2% SLOPE AND SANDY SOILS (USDA GENERAL CLASSIFICATION SYSTEM, SOIL CLASS A) MAXIMUM SLOPE LENGTH AND SILT FENCE LENGTH WILL BE UNLIMITED. IN THESE AREAS A SILT FENCE MAY BE THE ONLY PERIMETER CONTROL REQUIRED.
- TO AVOID CIRCUMVENTION, EXTEND THE ENDS OF THE SILT FENCE UPSLOPE TO PREVENT WATER AND SEDIMENT FROM FLOWING AROUND THE ENDS OF THE FENCE.

DATE	APPR		
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ISSUED:			
	REFERENCE		

SILT FENCE-2

DISTRICT OF COLUMBIA DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 301.2

SOURCE: 2011 MARYLAND STANDARDS & SPECIFICATIONS

SUPER SILT FENCE DESIGN CRITERIA:

TABLE 3.3: SUPER SILT FENCE SLOPE LENGTH AND FENCE LENGTH CONSTRAINTS

SLOPE	SLOPE STEEPNESS	SLOPE LENGTH (MAXIMUM) (FEET)	SUPER SILT FENCE LENGTH (MAXIMUM) (FEET)
0 – 10%	0 – 10:1	Unlimited	Unlimited
10 – 20%	10:1 – 5:1	200	1,500
20 – 33%	5:1 – 3:1	150	1,00
33 – 50%	3:1 – 2:1	100	500
> 50%	> 2:1	50	250

NOTE:
- TO AVOID CIRCUMVENTION, EXTEND THE ENDS OF THE SILT FENCE 5 HORIZONTAL FEET UPSLOPE AT 45-DEGREE ANGLES RELATIVE TO THE MAIN FENCE ALIGNMENT TO PREVENT SEDIMENT ACCUMULATION.

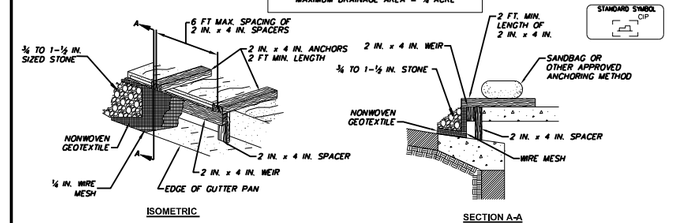
DATE	APPR		
REVISED			
ISSUED:			
	REFERENCE		

SUPER SILT FENCE-2

DISTRICT OF COLUMBIA DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 302.2

SOURCE: 2011 MARYLAND STANDARDS & SPECIFICATIONS



CONSTRUCTION SPECIFICATIONS

1. ATTACH A CONTINUOUS PIECE OF 1/2 INCH x 1/2 INCH WIRE MESH, (30 INCHES MINIMUM WIDTH BY THROAT LENGTH, PLUS 4 FEET) TO THE 2-INCH x 4-INCH WEIR (MEASURING THROAT LENGTH PLUS 2 FEET) AS SHOWN ON THE STANDARD DRAWING.
2. PLACE A CONTINUOUS PIECE OF GEOTEXTILE CLASS E OF THE SAME DIMENSIONS AS THE WIRE MESH OVER THE WIRE MESH AND SECURELY ATTACH TO THE 2-INCH x 4-INCH WEIR.
3. SECURELY NAIL THE 2-INCH x 4-INCH WEIR TO A 9-INCH LONG VERTICAL SPACER TO BE LOCATED BETWEEN THE WEIR AND THE INLET FACE (MAXIMUM 4 FEET APART).
4. PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND NAIL (MINIMUM 2-FOOT LENGTHS OF 2-INCHES x 4-INCHES TO THE TOP OF THE WEIR AT SPACER LOCATIONS). EXTEND THESE 2-INCH x 4-INCH ANCHORS ACROSS THE INLET TOP AND BE HELD IN PLACE BY SANDBAGS OR ALTERNATE WEIGHT.
5. PLACE THE ASSEMBLY SO THAT THE END SPACERS ARE 1 FOOT BEYOND BOTH ENDS OF THE THROAT OPENING.
6. FORM THE 1/2-INCH x 1/2-INCH WIRE MESH AND THE GEOTEXTILE FABRIC TO THE CONCRETE GUTTER AND AGAINST THE FACE OF THE CURB ON BOTH SIDES OF THE INLET. PLACE CLEAN 3/4 TO 1-1/2 INCH STONE OVER THE WIRE MESH AND GEOTEXTILE IN SUCH A MANNER AS TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE GEOTEXTILE.
7. THIS TYPE OF PROTECTION MUST BE INSPECTED FREQUENTLY AND THE GEOTEXTILE FABRIC AND STONE REPLACED WHEN CLOGGED WITH SEDIMENT.
8. ASSURE THAT STORM FLOWS DO NOT BYPASS THE INLET BY INSTALLING A TEMPORARY EARTH OR ASPHALT DIKE TO DIRECT THE FLOW TO THE INLET.
9. IF THERE ARE ANY SIGNS OF STREET FLOODING OR WATER PONDING, THIS STRUCTURE MUST BE CLEANED OR REPLACED, OR REDESIGNED WITH A VIABLE ALTERNATIVE SUCH AS 3.3 FILTER SOCK.

*NOTE: FILTER SOCK IS AN ALTERNATIVE WHICH IS EASIER TO INSTALL AND MAINTAIN THAN THIS STANDARD DESIGN.

DATE	APPR		
REVISED			
ISSUED:			
	REFERENCE		

CURB INLET PROTECTION
STORM DRAIN INLET PROTECTION

DISTRICT OF COLUMBIA DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 307.3

SOURCE: 2011 MARYLAND STANDARDS AND SPECIFICATIONS

ES-39

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

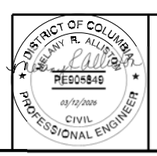
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL DETAILS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE
SHEET 244 OF 576



ch2m TOOLE DESIGN

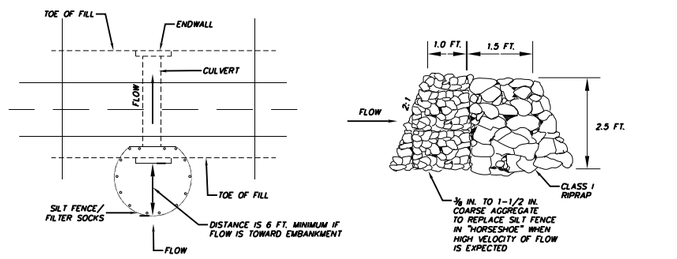
NO	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	245	576

STANDARD SYMBOL



PLAN VIEW

OPTIONAL STONE COMBINATION

DATE	APPR
REVISED	
ISSUED:	
REFERENCE	

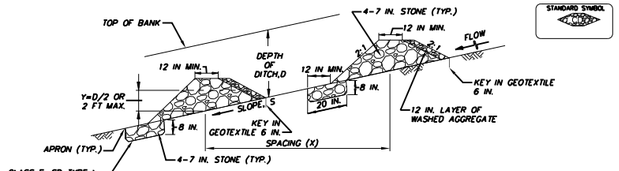
CULVERT INLET PROTECTION - 1

DISTRICT OF COLUMBIA
DEPARTMENT OF ENERGY & ENVIRONMENT

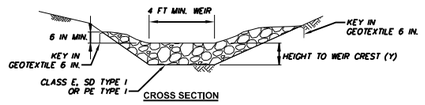
DWG. NO 306.1

SOURCE: 2011 MARYLAND STANDARDS & SPECIFICATIONS

STANDARD SYMBOL



CHANNEL PROFILE



CROSS SECTION

CONSTRUCTION SPECIFICATIONS

1. PREPARE SWALES IN ACCORDANCE WITH THE CONSTRUCTION SPECIFICATIONS DESCRIBED IN SECTION 4.4, FOR TEMPORARY SWALE, OR AS SPECIFIED ON PLAN.
2. CONSTRUCT THE CHECK DAM OF 4-7 INCH STONE. PLACE THE STONE SO THAT IT COMPLETELY COVERS THE WIDTH OF THE CHANNEL AND IS KEYED INTO THE CHANNEL BANKS.
3. CONSTRUCT THE TOP OF THE CHECK DAM SO THAT THE CENTER IS APPROXIMATELY 6 INCHES LOWER THAN THE OUTER EDGES, FORMING A WEIR THAT WATER CAN FLOW ACROSS.
4. THE MAXIMUM HEIGHT OF THE CHECK DAM AT THE CENTER MUST NOT EXCEED 2 FEET OR HALF THE HEIGHT OF THE CHANNEL.
5. LINE THE UPSTREAM SIDE OF THE CHECK DAM WITH APPROXIMATELY 1 FOOT OF ¾ TO 1-1/2 INCH AGGREGATE.
6. REMOVE ACCUMULATED SEDIMENT WHEN IT HAS BUILT UP TO HALF OF THE ORIGINAL HEIGHT OF THE WEIR CREST.

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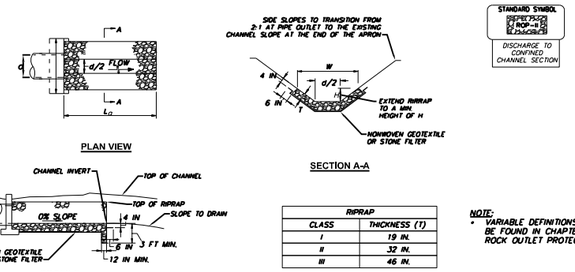
STONE CHECK DAM

DISTRICT OF COLUMBIA
DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 308.1

SOURCE: 2011 MARYLAND STANDARDS & SPECIFICATIONS

STANDARD SYMBOL



STANDARD SYMBOL
RIPRAP-2
DISCHARGE TO CONFINED CHANNEL SECTION

RIPRAP	
CLASS	THICKNESS (T)
I	19 IN.
II	32 IN.
III	46 IN.

NOTE:
- VARIABLE DEFINITIONS CAN BE FOUND IN CHAPTER 5.1- ROCK OUTLET PROTECTION

CONSTRUCTION SPECIFICATIONS

1. PREPARE THE SUBGRADE FOR THE RIPRAP TO THE REQUIRED LINES AND GRADES. COMPACT ANY FILL REQUIRED IN THE SUBGRADE TO A DENSITY OF APPROXIMATELY THAT OF THE SURROUNDING UNDISTURBED MATERIAL.
2. CONFORM THE ROCK OR GRAVEL TO THE SPECIFIED GRADING LIMITS WHEN INSTALLED IN THE RIPRAP.
3. USE FILTER STONE OR NONWOVEN GEOTEXTILE AS SPECIFIED AND PROTECT FROM PUNCHING, CUTTING, OR TEARING. REPAIR ANY DAMAGE OTHER THAN AN OCCASIONAL SMALL HOLE BY PLACING ANOTHER PIECE OF GEOTEXTILE FABRIC OVER THE DAMAGED PART OR BY COMPLETELY REPLACING THE GEOTEXTILE FABRIC. ALL OVERLAPS WHETHER FOR REPAIRS OR FOR JOINING TWO PIECES OF GEOTEXTILE FABRIC MUST BE A MINIMUM OF 1 FOOT. EXTEND GEOTEXTILE AT LEAST 6 INCHES BEYOND EDGES OF RIPRAP AND EMBED AT LEAST 4 INCHES AT SIDES OF RIPRAP.
4. STONE FOR THE RIPRAP OUTLETS MAY BE PLACED BY EQUIPMENT. CONSTRUCT THE OUTLETS TO THE FULL COURSE THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO AVOID DISPLACEMENT OF UNDERLYING MATERIALS. DELIVER AND PLACE THE STONE FOR RIPRAP IN A MANNER THAT WILL ENSURE THAT IT IS REASONABLY HOMOGENOUS WITH THE SMALLER STONES AND SPALLS FILLING THE VOIDS BETWEEN THE LARGER STONES. PLACE RIPRAP IN A MANNER THAT PREVENTS DAMAGE TO THE FILTER BLANKET OR GEOTEXTILE FABRIC. HAND PLACEMENT WILL BE REQUIRED TO THE EXTENT NECESSARY TO PREVENT DAMAGE TO THE PERMANENT WORKS.
5. PLACE THE STONE SO THAT IT BLENDS IN WITH THE EXISTING GROUND. IF THE STONE IS PLACED TOO HIGH THEN FLOW WILL BE FORCED OUT OF THE CHANNEL AND SCOUR ADJACENT TO THE STONE WILL OCCUR.

DATE	APPR
REVISED	
ISSUED:	
REFERENCE	

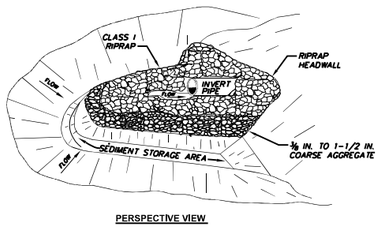
ROCK OUTLET PROTECTION - 2

DISTRICT OF COLUMBIA
DEPARTMENT OF ENERGY & ENVIRONMENT

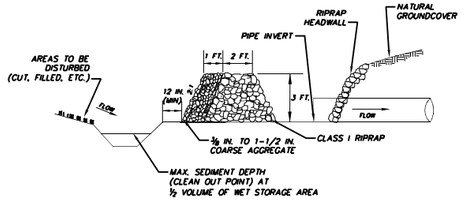
DWG. NO 501.2

SOURCE: 2011 MARYLAND STANDARDS AND SPECIFICATIONS

STANDARD SYMBOL



PERSPECTIVE VIEW



ELEVATION VIEW

NOTE:
- THE MAXIMUM AREA DRAINING TO THIS PRACTICE SHALL NOT EXCEED 3 ACRES.
- 67 C.Y./ACRE WET STORAGE (BELOW BASE OF STONE)
- 67 C.Y./ACRE DRY STORAGE (BASE OF STONE TO TOP OF STONE BERM)

DATE	APPR
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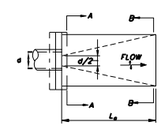
ISSUED:	
REFERENCE	

CULVERT INLET PROTECTION-2

DISTRICT OF COLUMBIA
DEPARTMENT OF ENERGY & ENVIRONMENT

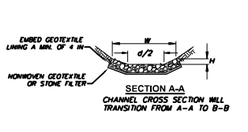
DWG. NO 306.2

SOURCE: 2011 MARYLAND STANDARDS & SPECIFICATIONS



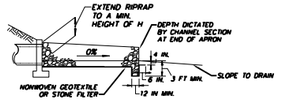
PLAN VIEW

STANDARD SYMBOL
RIPRAP-2
DISCHARGE TO SEMI CONFINED CHANNEL SECTION

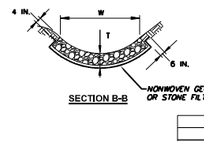


SECTION A-A
CHANNEL CROSS SECTION WILL TRANSITION FROM A-A TO B-B

NOTE:
- VARIABLE DEFINITIONS CAN BE FOUND IN CHAPTER 5.1- ROCK OUTLET PROTECTION



PROFILE



SECTION B-B

RIPRAP	
CLASS	THICKNESS (T)
I	19 IN.
II	32 IN.
III	46 IN.

CONSTRUCTION SPECIFICATIONS

1. PREPARE THE SUBGRADE FOR THE RIPRAP TO THE REQUIRED LINES AND GRADES. COMPACT ANY FILL REQUIRED IN THE SUBGRADE TO A DENSITY OF APPROXIMATELY THAT OF THE SURROUNDING UNDISTURBED MATERIAL.
2. CONFORM THE ROCK OR GRAVEL TO THE SPECIFIED GRADING LIMITS WHEN INSTALLED IN THE RIPRAP.
3. USE FILTER STONE OR NONWOVEN GEOTEXTILE AS SPECIFIED AND PROTECT FROM PUNCHING, CUTTING, OR TEARING. REPAIR ANY DAMAGE OTHER THAN AN OCCASIONAL SMALL HOLE BY PLACING ANOTHER PIECE OF GEOTEXTILE FABRIC OVER THE DAMAGED PART OR BY COMPLETELY REPLACING THE GEOTEXTILE FABRIC. ALL OVERLAPS WHETHER FOR REPAIRS OR FOR JOINING TWO PIECES OF GEOTEXTILE FABRIC MUST BE A MINIMUM OF 1 FOOT. EXTEND GEOTEXTILE AT LEAST 6 INCHES BEYOND EDGES OF RIPRAP AND EMBED AT LEAST 4 INCHES AT SIDES OF RIPRAP.
4. STONE FOR THE RIPRAP OUTLETS MAY BE PLACED BY EQUIPMENT. CONSTRUCT THE OUTLETS TO THE FULL COURSE THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO AVOID DISPLACEMENT OF UNDERLYING MATERIALS. DELIVER AND PLACE THE STONE FOR RIPRAP IN A MANNER THAT WILL ENSURE THAT IT IS REASONABLY HOMOGENOUS WITH THE SMALLER STONES AND SPALLS FILLING THE VOIDS BETWEEN THE LARGER STONES. PLACE RIPRAP IN A MANNER THAT PREVENTS DAMAGE TO THE FILTER BLANKET OR GEOTEXTILE FABRIC. HAND PLACEMENT WILL BE REQUIRED TO THE EXTENT NECESSARY TO PREVENT DAMAGE TO THE PERMANENT WORKS.
5. PLACE THE STONE SO THAT IT BLENDS IN WITH THE EXISTING GROUND. IF THE STONE IS PLACED TOO HIGH THEN FLOW WILL BE FORCED OUT OF THE CHANNEL AND SCOUR ADJACENT TO THE STONE WILL OCCUR.

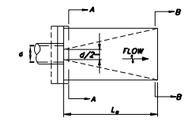
DATE	APPR
REVISED	
ISSUED:	
REFERENCE	

ROCK OUTLET PROTECTION - 1

DISTRICT OF COLUMBIA
DEPARTMENT OF ENERGY & ENVIRONMENT

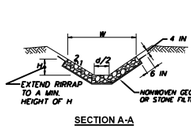
DWG. NO 501.1

SOURCE: 2011 MARYLAND STANDARDS AND SPECIFICATIONS



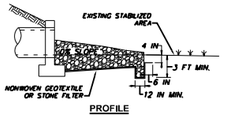
PLAN VIEW

STANDARD SYMBOL
RIPRAP-3
DISCHARGE TO AN UNCONFINED CHANNEL OR FLAT AREA

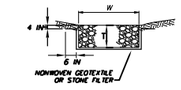


SECTION A-A

NOTE:
- VARIABLE DEFINITIONS CAN BE FOUND IN CHAPTER 5.1- ROCK OUTLET PROTECTION



PROFILE



SECTION B-B

RIPRAP	
CLASS	THICKNESS (T)
I	19 IN.
II	32 IN.
III	46 IN.

CONSTRUCTION SPECIFICATIONS

1. PREPARE THE SUBGRADE FOR THE RIPRAP TO THE REQUIRED LINES AND GRADES. COMPACT ANY FILL REQUIRED IN THE SUBGRADE TO A DENSITY OF APPROXIMATELY THAT OF THE SURROUNDING UNDISTURBED MATERIAL.
2. CONFORM THE ROCK OR GRAVEL TO THE SPECIFIED GRADING LIMITS WHEN INSTALLED IN THE RIPRAP.
3. USE FILTER STONE OR NONWOVEN GEOTEXTILE AS SPECIFIED AND PROTECT FROM PUNCHING, CUTTING, OR TEARING. REPAIR ANY DAMAGE OTHER THAN AN OCCASIONAL SMALL HOLE BY PLACING ANOTHER PIECE OF GEOTEXTILE FABRIC OVER THE DAMAGED PART OR BY COMPLETELY REPLACING THE GEOTEXTILE FABRIC. ALL OVERLAPS WHETHER FOR REPAIRS OR FOR JOINING TWO PIECES OF GEOTEXTILE FABRIC MUST BE A MINIMUM OF 1 FOOT. EXTEND GEOTEXTILE AT LEAST 6 INCHES BEYOND EDGES OF RIPRAP AND EMBED AT LEAST 4 INCHES AT SIDES OF RIPRAP.
4. STONE FOR THE RIPRAP OUTLETS MAY BE PLACED BY EQUIPMENT. CONSTRUCT THE OUTLETS TO THE FULL COURSE THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO AVOID DISPLACEMENT OF UNDERLYING MATERIALS. DELIVER AND PLACE THE STONE FOR RIPRAP IN A MANNER THAT WILL ENSURE THAT IT IS REASONABLY HOMOGENOUS WITH THE SMALLER STONES AND SPALLS FILLING THE VOIDS BETWEEN THE LARGER STONES. PLACE RIPRAP IN A MANNER THAT PREVENTS DAMAGE TO THE FILTER BLANKET OR GEOTEXTILE FABRIC. HAND PLACEMENT WILL BE REQUIRED TO THE EXTENT NECESSARY TO PREVENT DAMAGE TO THE PERMANENT WORKS.
5. PLACE THE STONE SO THAT IT BLENDS IN WITH THE EXISTING GROUND. IF THE STONE IS PLACED TOO HIGH THEN FLOW WILL BE FORCED OUT OF THE CHANNEL AND SCOUR ADJACENT TO THE STONE WILL OCCUR.

DATE	APPR
REVISED	
ISSUED:	
REFERENCE	

ROCK OUTLET PROTECTION - 3

DISTRICT OF COLUMBIA
DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 501.3

SOURCE: 2011 MARYLAND STANDARDS AND SPECIFICATIONS

ES-40

DISTRICT OF COLUMBIA
MELANY R. ALLISON
PE905849
03/12/2020
CIVIL
PROFESSIONAL ENGINEER

ch2m
TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL DETAILS

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

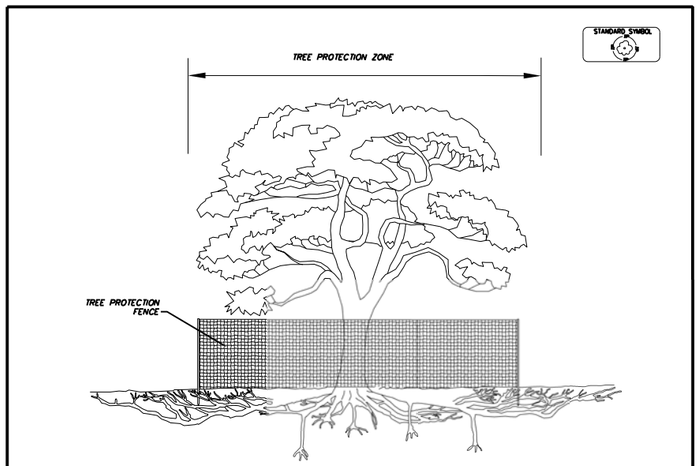
DIVISION CHIEF

DATE
FILE
SHEET 245 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	246	576



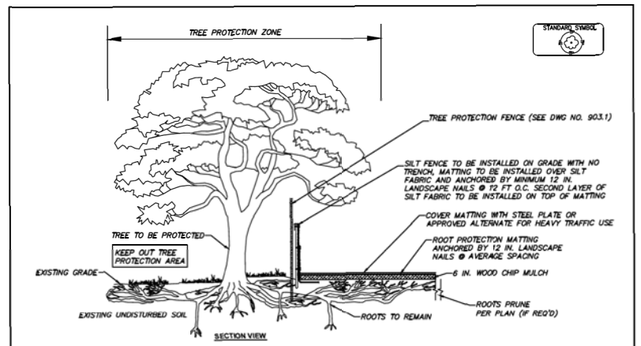
SECTION VIEW

TREE PROTECTION

DISTRICT OF COLUMBIA
DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 903.1

SOURCE: URBAN TREE FOUNDATION 2014



SECTION VIEW

CONSTRUCTION SPECIFICATIONS

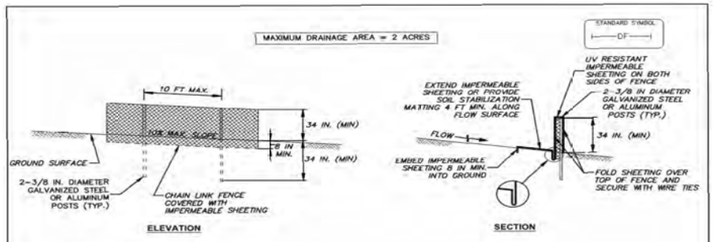
1. MATTING MATERIAL MUST BE DOUBLE SIDED GEOCOMPOSITE, GEONET CORE WITH NON-WOVEN COVERING (SUCH AS TENSAR ROADRAIN RD7) OR APPROVED EQUIVALENT.
2. INSTALL ROOT PROTECTION MATTING BY A CERTIFIED ARBORIST.
3. TO BE USED FOR DESIGNATED TEMPORARY CONSTRUCTION ACCESS AND STOCKPILE AREAS.
4. PLACE MATTING ON 6 IN. WOOD CHIP MULCH UNLESS OTHERWISE DIRECTED.
5. FOR HEAVY TRAFFIC AREAS, COVER MATTING WITH STEEL PLATES.

TREE ROOT PROTECTION WITH SILT FENCE

DISTRICT OF COLUMBIA
DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 903.2

SOURCE: URBAN TREE FOUNDATION 2014



CONSTRUCTION SPECIFICATIONS

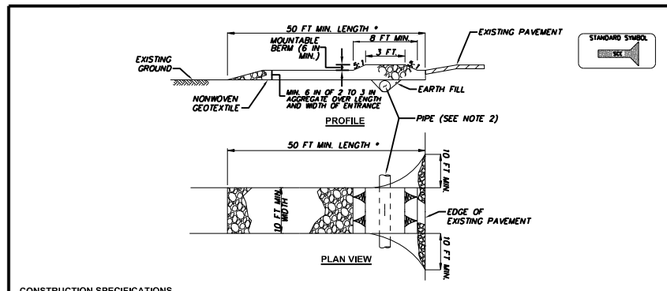
1. USE 42 INCH HIGH, 9 GAUGE OR THICKER CHAIN LINK FENCING (2-3/8 INCH MAXIMUM OPENING).
2. USE 2-3/8 INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. THE POSTS DO NOT NEED TO BE SET IN CONCRETE.
3. FASTEN CHAIN LINK FENCE SECURELY TO THE FENCE POSTS WITH WIRE TIES.
4. SECURE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING TO CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT TOP, MID SECTION, AND BELOW GROUND SURFACE.
5. EXTEND SHEETING A MINIMUM OF 4 FEET ALONG FLOW SURFACE AND EMBED END A MINIMUM OF 8 INCHES INTO GROUND. SOIL STABILIZATION MATTING MAY BE USED IN LIEU OF IMPERMEABLE SHEETING ALONG FLOW SURFACE.
6. WHEN TWO SECTIONS OF SHEETING ADJOIN EACH OTHER, OVERLAP BY 6 INCHES AND FOLD WITH SEAM FACING DOWNGRADE.
7. KEEP FLOW SURFACE ALONG DIVERSION FENCE AND POINT OF DISCHARGE FREE OF EROSION. REMOVE ACCUMULATED SEDIMENT AND DEBRIS. MAINTAIN POSITIVE DRAINAGE. REPLACE IMPERMEABLE SHEETING IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.

DIVERSION FENCE

DISTRICT OF COLUMBIA
DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 401.1

SOURCE: 2011 MARYLAND STANDARDS & SPECIFICATIONS



CONSTRUCTION SPECIFICATIONS

1. PLACE THE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE A MINIMUM LENGTH OF 50 FEET (*30 FEET FOR SINGLE-FAMILY RESIDENCE LOT) AND A MINIMUM WIDTH OF 10 FEET. FLARE THE SCE AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
2. PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE MAINTAINING POSITIVE DRAINAGE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. PROVIDE PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN THE SCE IS NOT LOCATED AT A HIGH SPOT.
3. PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE.
4. PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
5. MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

STABILIZED CONSTRUCTION ENTRANCE

DISTRICT OF COLUMBIA
DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 201.1

SOURCE: 2011 MARYLAND STANDARDS & SPECIFICATIONS

DISTRICT OF COLUMBIA
DELANY R. ALLISON
PE905849
03/12/2020
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ES-41

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

EROSION AND SEDIMENT CONTROL DETAILS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

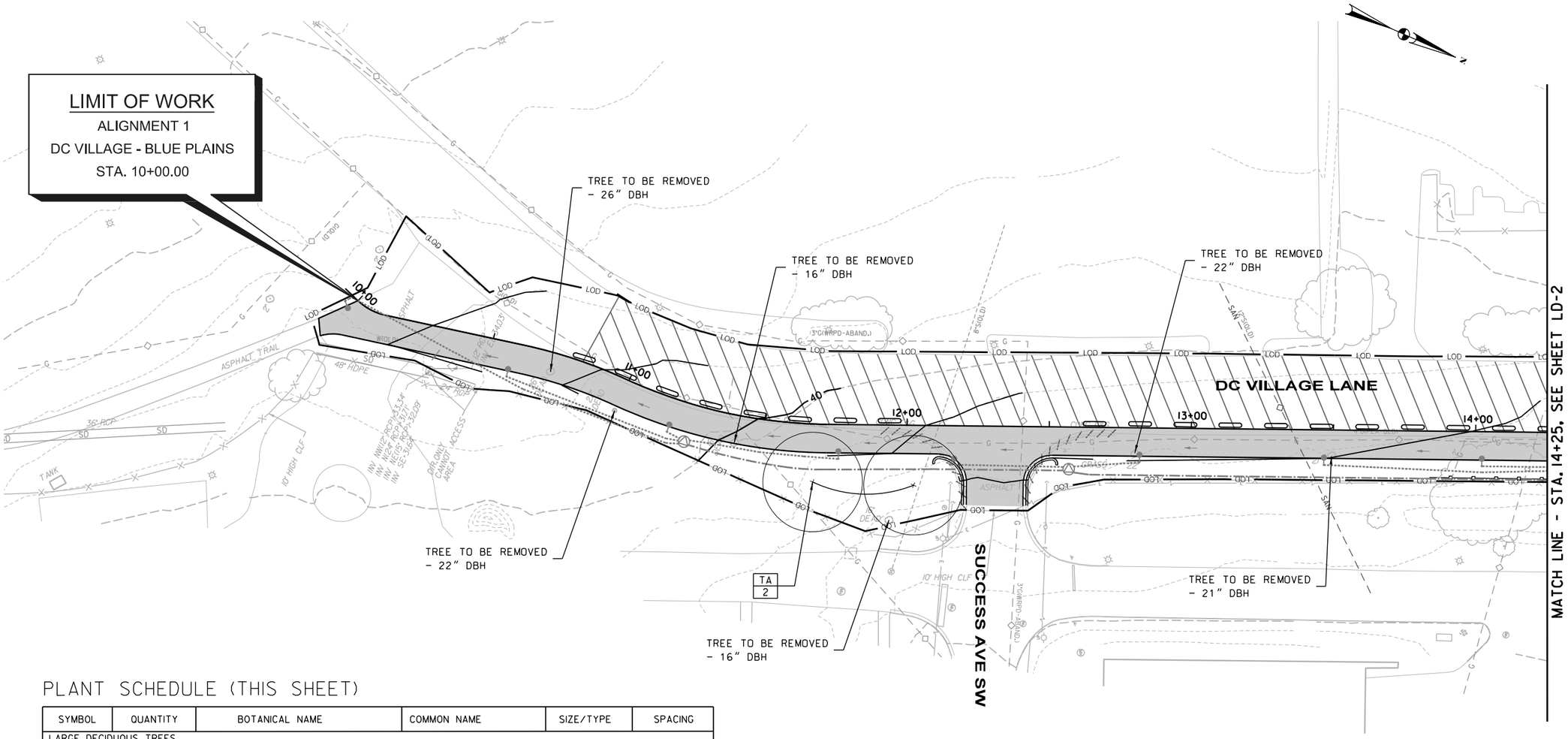
DIVISION CHIEF

DATE
FILE
SHEET 246 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	247	576



PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
TA	2	Taxodium ascendens	Pond Cypress	2" Cal. B&B	As Shown

TREES TO BE REMOVED (THIS SHEET)

123" TOTAL DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- AR / X — PLANT & QUANTITY REFERENCE
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · BRIANT R. ALLISTON · PE905849 · 03/12/2025 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LD-1

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

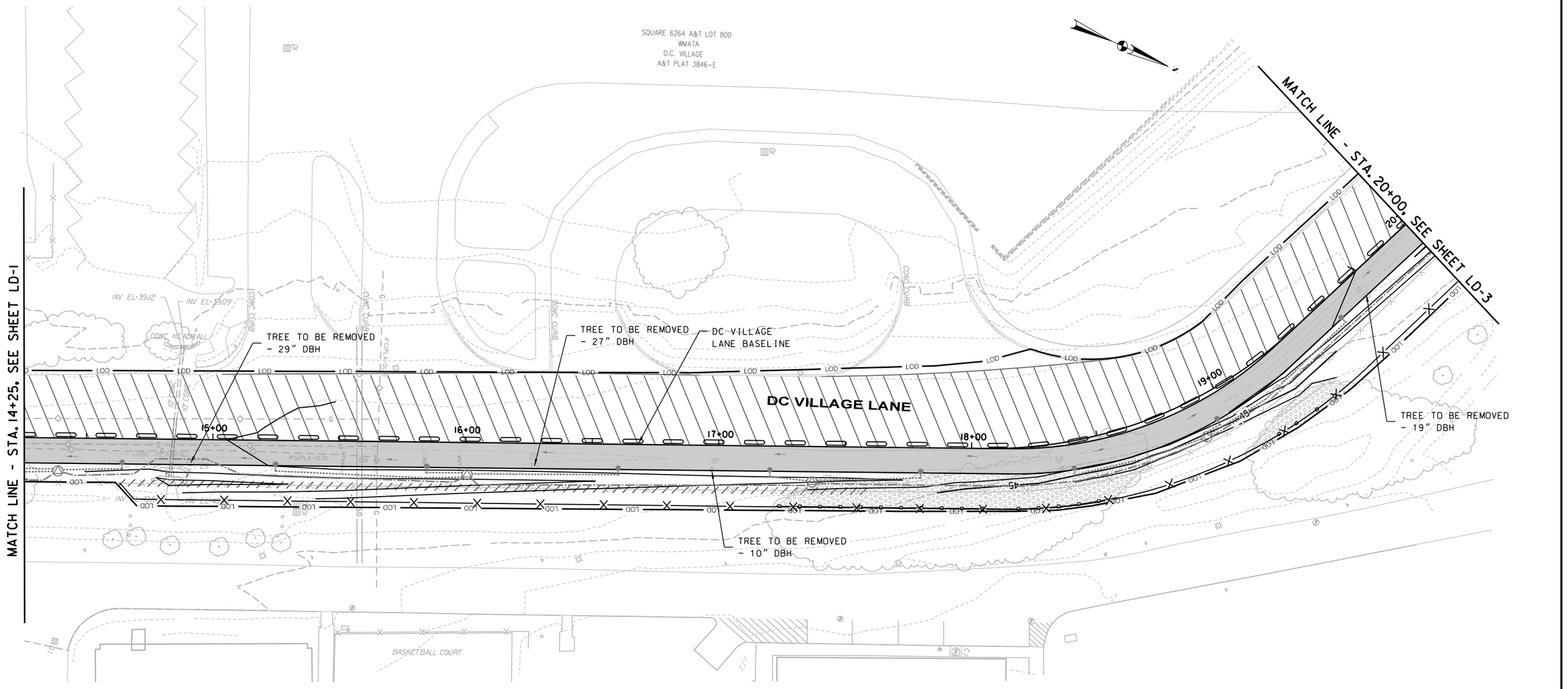
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 247 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	248	576



NO PLANTINGS THIS SHEET

TREES TO BE REMOVED (THIS SHEET)

85" TOTAL DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

SCALE: 1"=20'

DISTRICT OF COLUMBIA — DELANY R. ALLISON — PE906849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-2

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE

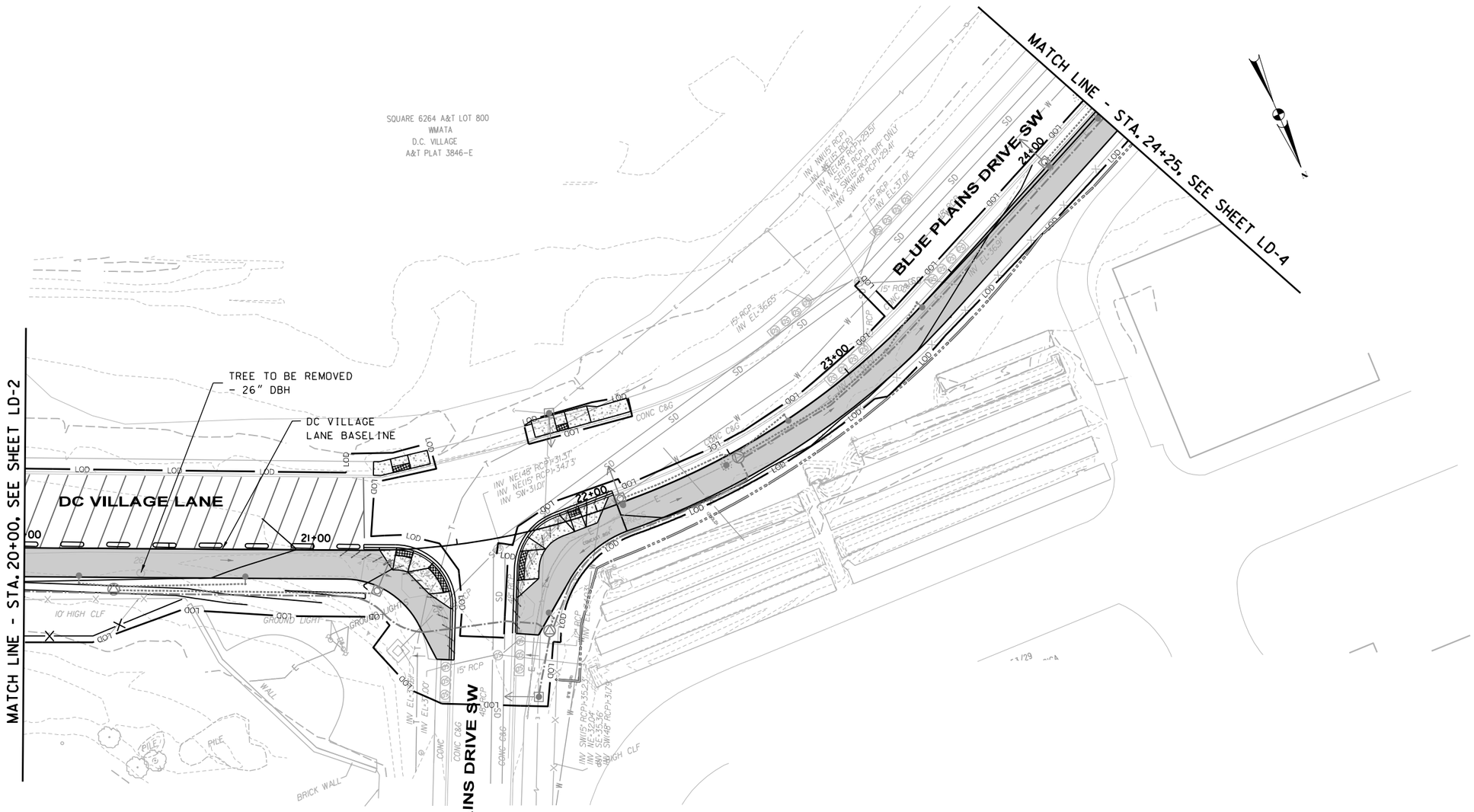
FILE

SHEET 248 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	249	576



NO PLANTINGS THIS SHEET

TREES TO BE REMOVED (THIS SHEET)

26" TOTAL DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · MELANY R. ALLISON · PE905849 · 03/12/2025 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-3

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

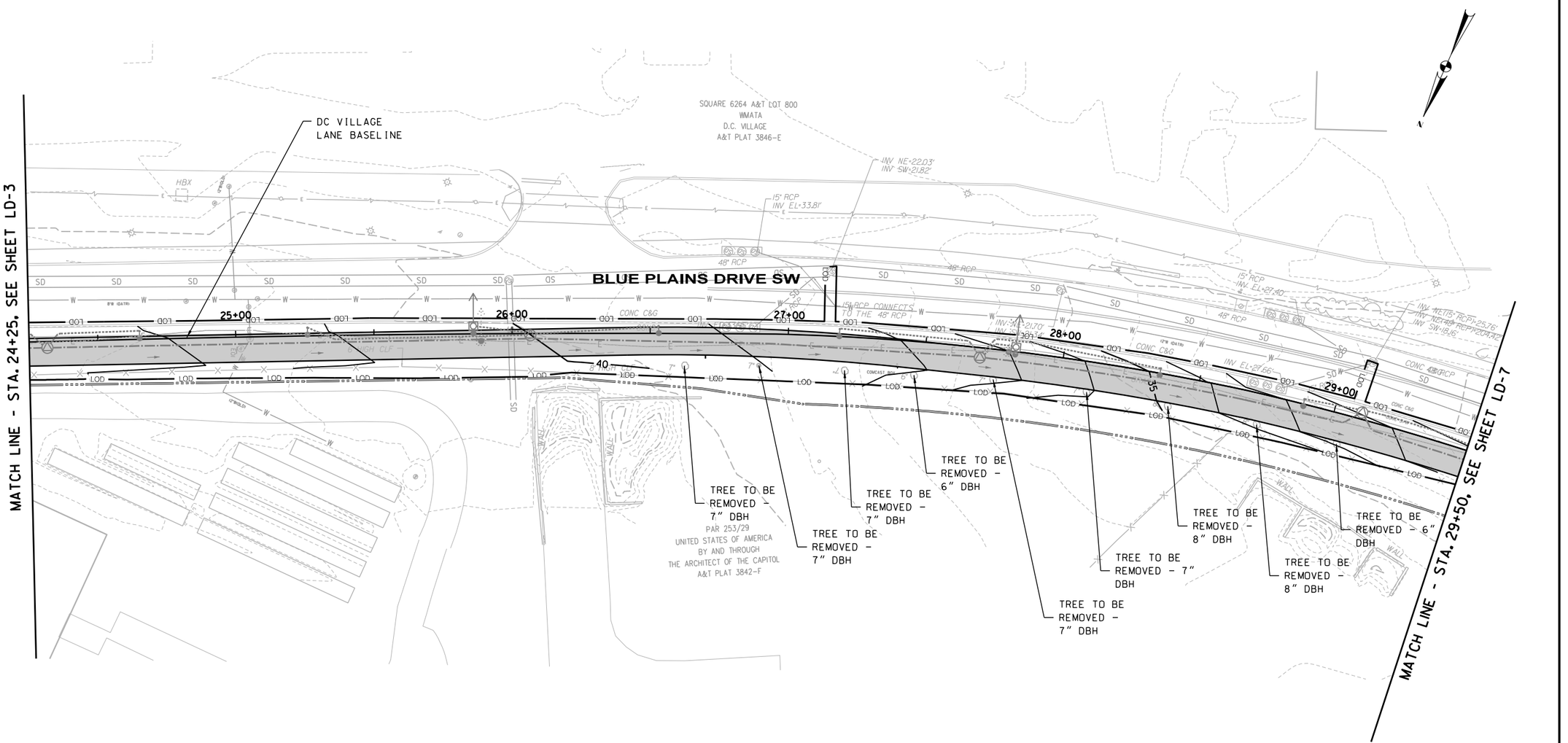
DIVISION CHIEF

DATE
FILE
SHEET 249 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	250	576



NO PLANTINGS THIS SHEET

TREES TO BE REMOVED (THIS SHEET)

63" TOTAL DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · MELANY R. ALLISON · PE905846 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

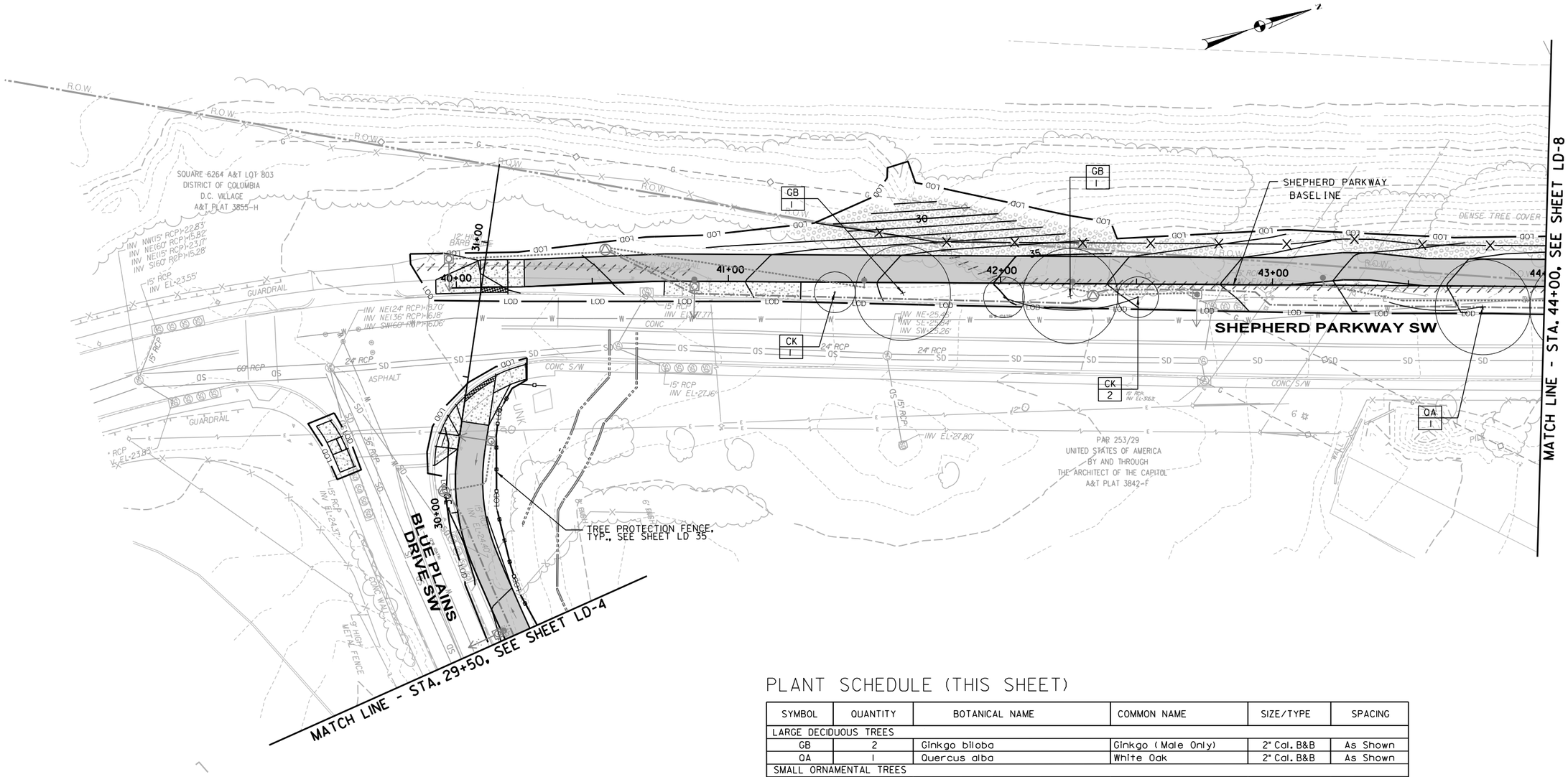
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 250 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	251	576



PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
GB	2	Ginkgo biloba	Ginkgo (Male Only)	2" Cal. B&B	As Shown
OA	1	Quercus alba	White Oak	2" Cal. B&B	As Shown
SMALL ORNAMENTAL TREES					
CK	3	Cornus x "Rutgan"	Rutgan Dogwood	1-1/2" Cal. B&B	As Shown

TREES TO BE REMOVED (THIS SHEET)

0" TOTAL DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MELANY R. ALLISON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LD-7

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

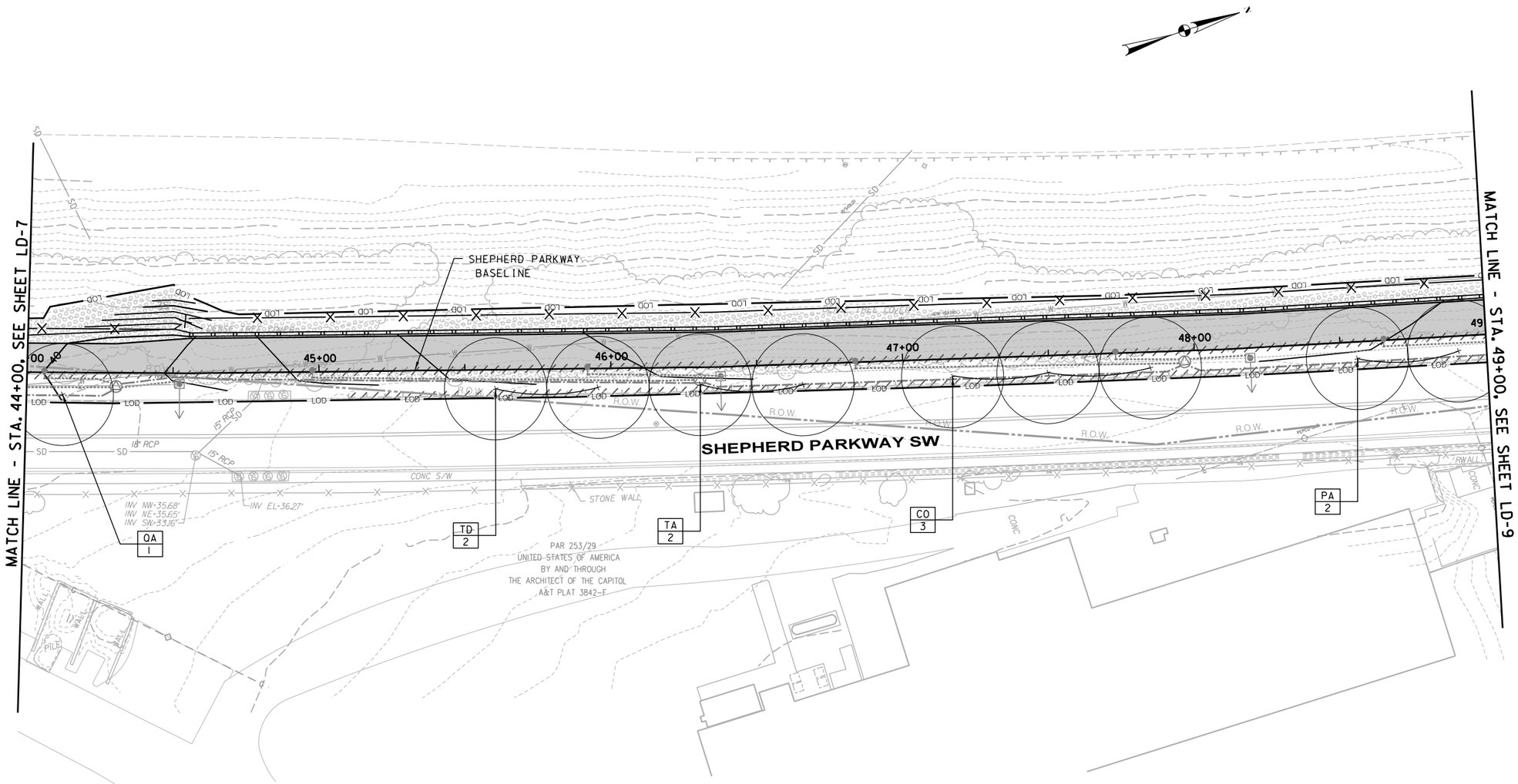
DIVISION CHIEF

DATE
FILE
SHEET 251 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	252	576



TREES TO BE REMOVED (THIS SHEET)

0" TOTAL DBH

PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
CO	3	Celtis occidentalis	Common Hackberry	2" Cal. B&B	As Shown
QA	1	Quercus alba	White Oak	2" Cal. B&B	As Shown
PA	2	Platanus x acerfolia 'Bloodgood'	London Plane Tree	2" Cal. B&B	As Shown
TA	2	Taxodium ascendens	Pond Cypress	2" Cal. B&B	As Shown
TD	2	Taxodium distichum	Bald Cypress	2" Cal. B&B	As Shown

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
BRIANY R. ALLISON
PE905849
03/17/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LD-8

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

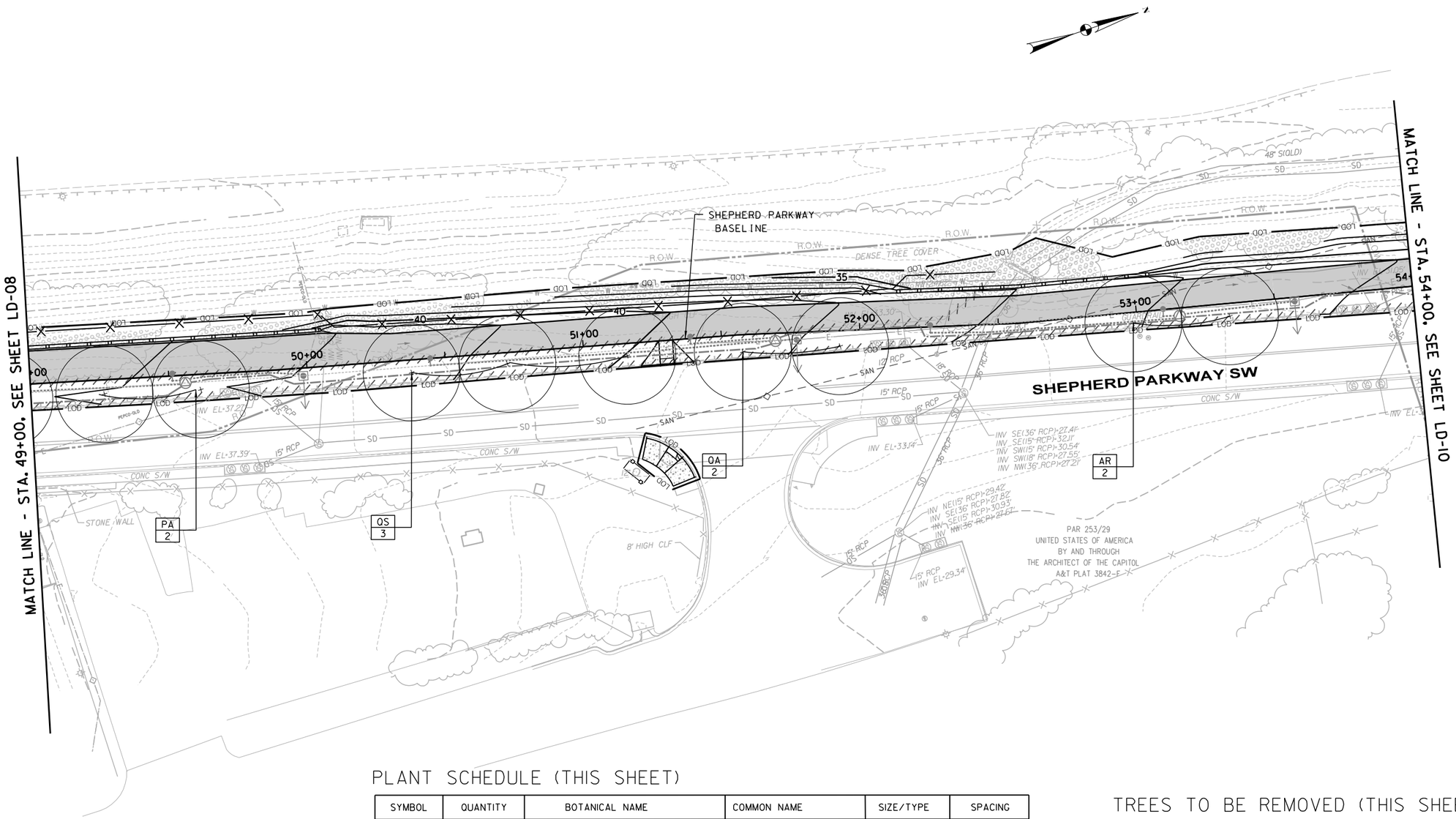
DIVISION CHIEF

DATE
FILE
SHEET 252 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	253	576



PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
AR	2	Acer rubrum 'Red Sunset'	Red Maple 'Red Sunset'	2" Cal. B&B	As Shown
QA	2	Quercus alba	White Oak	2" Cal. B&B	As Shown
QS	3	Quercus shumardii	Shumard Oak	2" Cal. B&B	As Shown
PA	2	Platanus x acerfolia 'Bloodgood'	London Plane Tree	2" Cal. B&B	As Shown

TREES TO BE REMOVED (THIS SHEET)

0" TOTAL DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
BRANDY R. ALLISON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-9

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

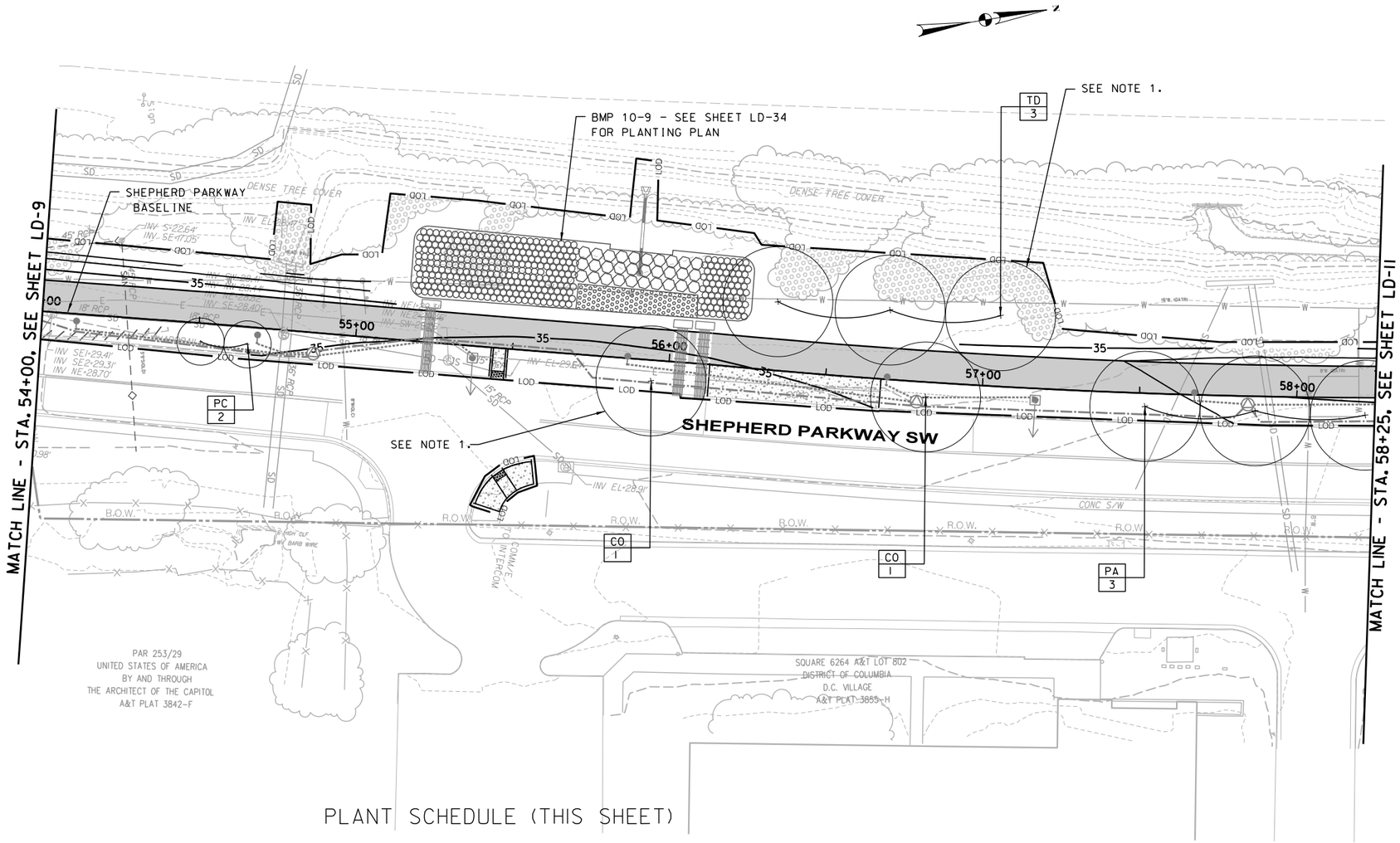
DIVISION CHIEF
DATE
FILE

SHEET 253 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	254	576



PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
CO	2	Celtis occidentalis	Common Hackberry	2" Cal. B&B	As Shown
PA	3	Platanus x acerfolia 'Bloodgood'	London Plane Tree	2" Cal. B&B	As Shown
TD	3	Taxodium distichum	Bald Cypress	2" Cal. B&B	As Shown
SMALL ORNAMENTAL TREES					
PC	2	Pistachia chinensis	Chinese Pistache	1-1/2" Cal. B&B	As Shown

TREES TO BE REMOVED (THIS SHEET)

0" TOTAL DBH

NOTES:
1. CONTRACTOR SHALL TEST PIT TO DETERMINE LOCATION OF EXISTING WATER LINE. ADJUST PROPOSED TREE LOCATIONS TO PROVIDE 3' MINMUM CLEARANCE BETWEEN OUTSIDE WALL OF WATER LINE AND FACE OF THE TREE TRUNK.

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
BRENNY R. ALLISON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-10

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

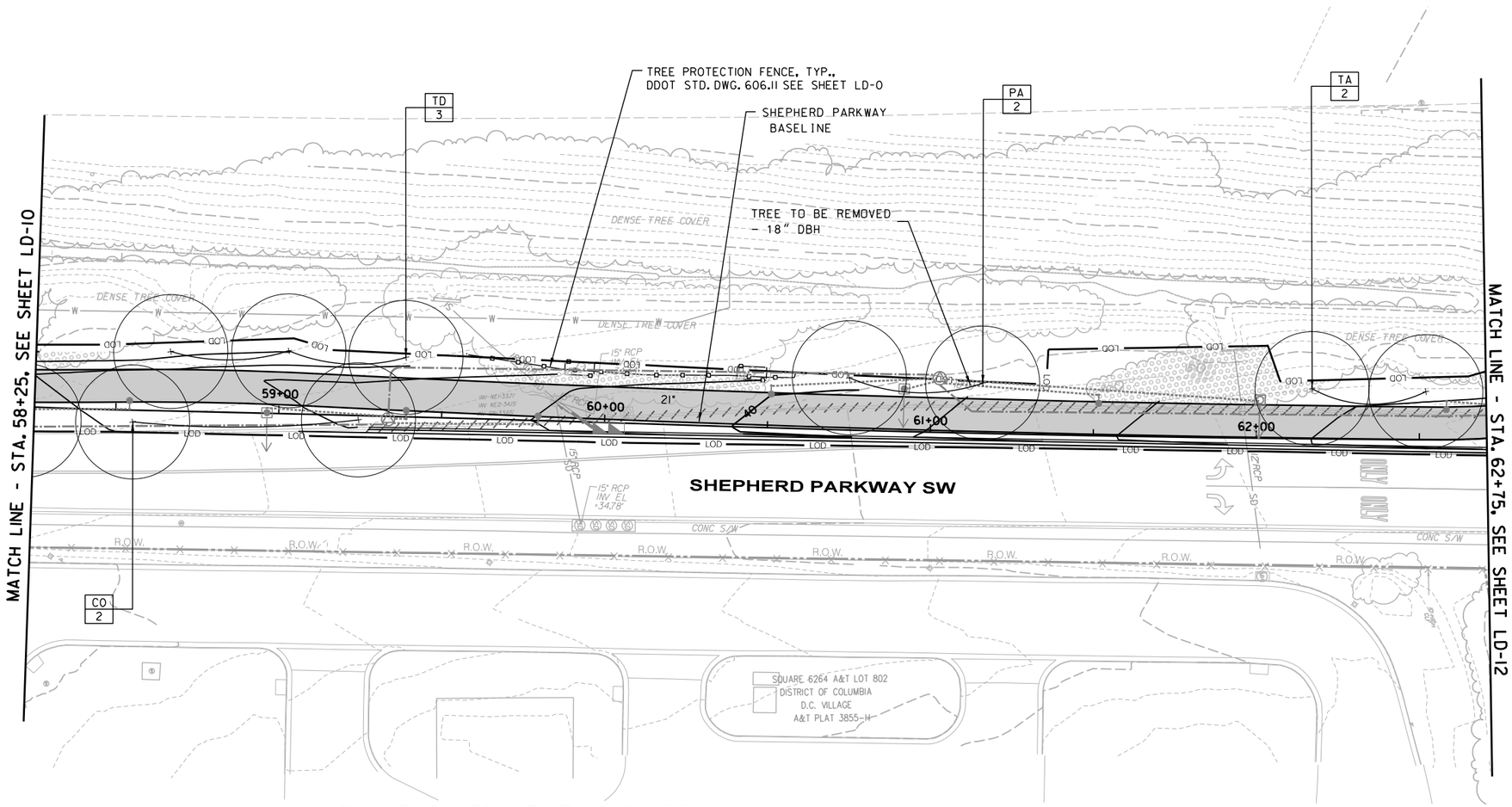
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 254 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	255	576



PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
CO	2	Celtis occidentalis	Common Hackberry	2" Cal. B&B	As Shown
PA	2	Platanus x acerfolia 'Bloodgood'	London Plane Tree	2" Cal. B&B	As Shown
TA	2	Taxodium ascendens	Pond Cypress	2" Cal. B&B	As Shown
TD	3	Taxodium distichum	Bald Cypress	2" Cal. B&B	As Shown

TREES TO BE REMOVED (THIS SHEET)

18" TOTAL DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MELANY R. ALLISON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-11

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

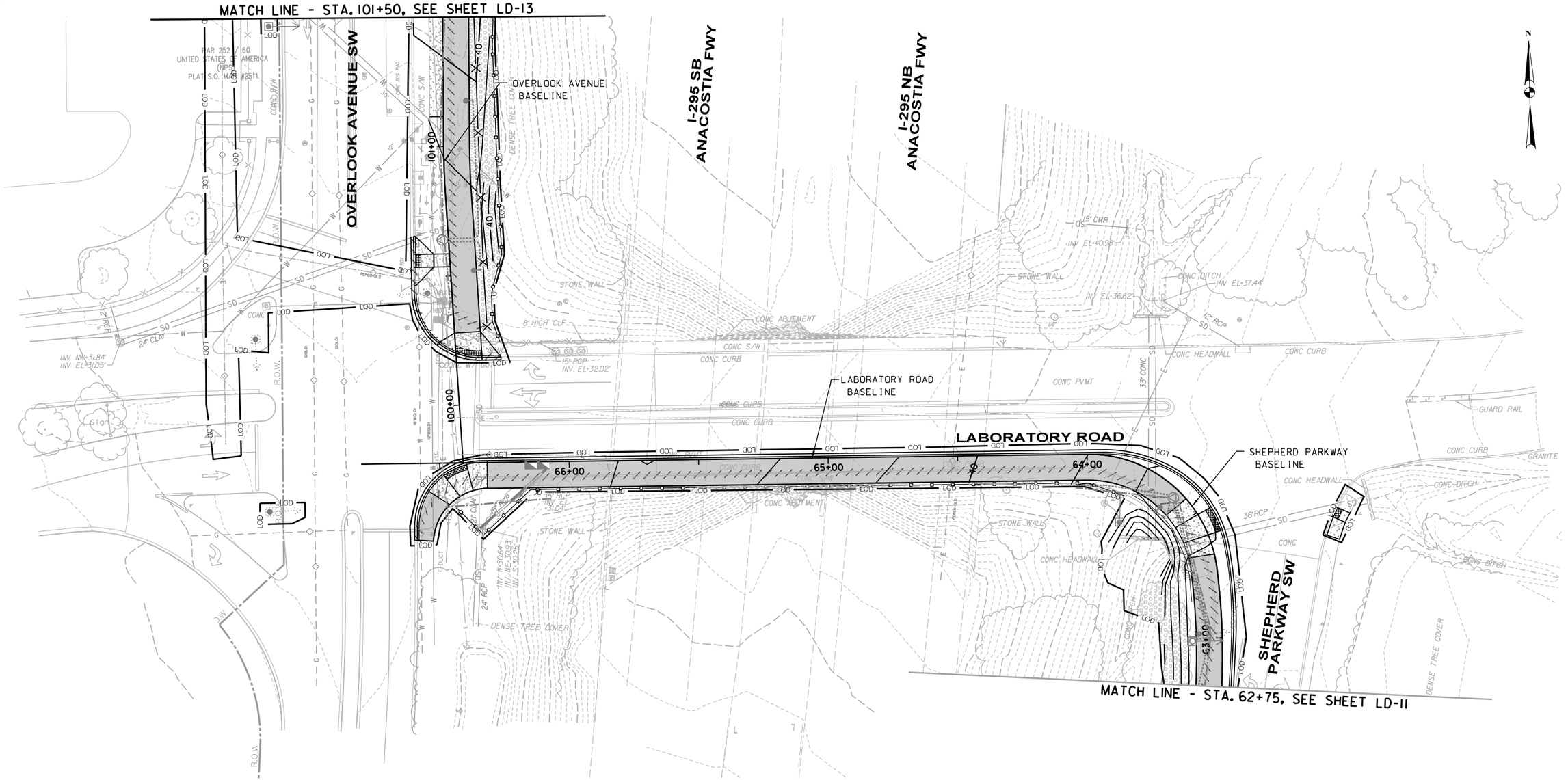
DIVISION CHIEF
DATE
FILE

SHEET 255 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	256	576



LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

NO PLANTINGS THIS SHEET

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · DELANY R. ALLISON · PE905846 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-12

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 256 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

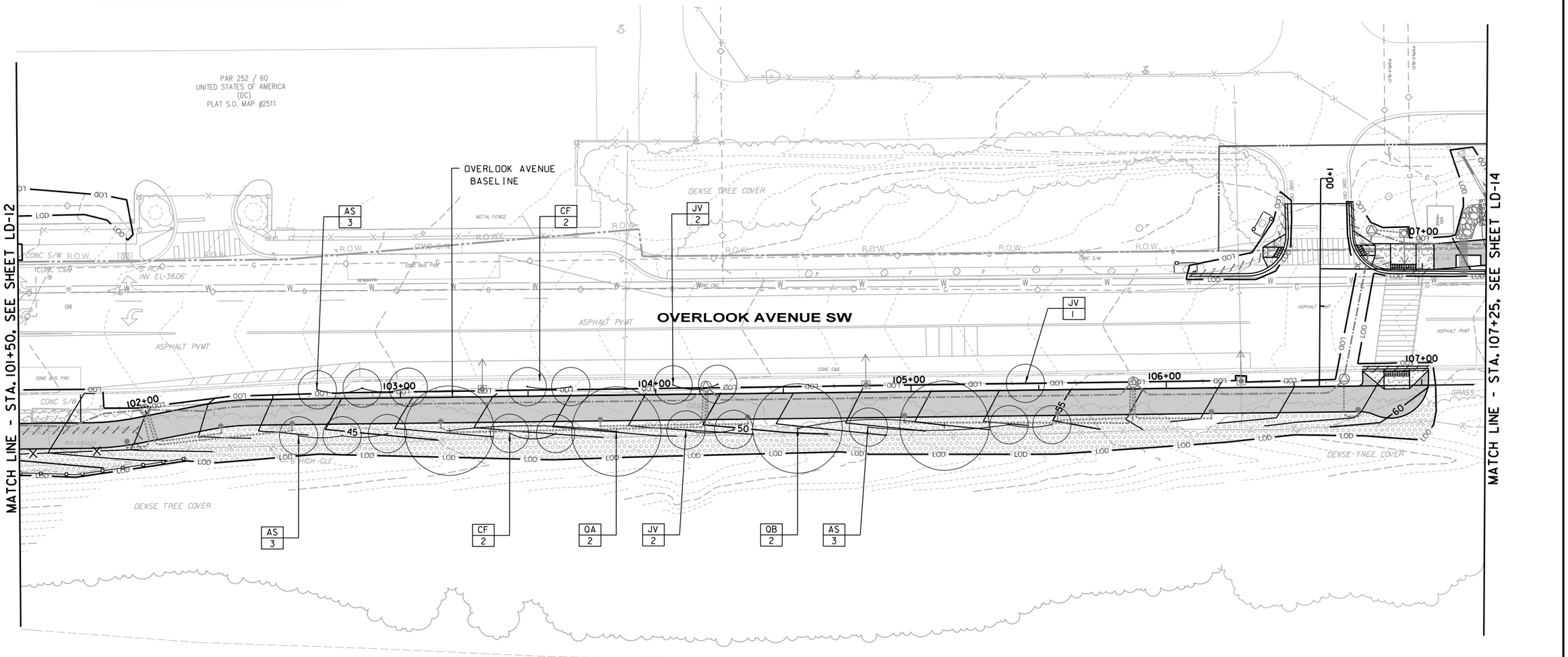
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	257	576

PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
OA	2	Quercus alba	White Oak	2" Cal. B&B	As Shown
OB	2	Quercus bicolor	Swamp White Oak	2" Cal. B&B	As Shown
SMALL ORNAMENTAL TREES					
AS	9	Amelanchier spicata	Dwarf Serviceberry	1-1/2" Cal. B&B	As Shown
CF	4	Cornus florida	Flowering Dogwood	1-1/2" Cal. B&B	As Shown
EVERGREEN TREES					
JV	5	Juniperus Virginiana 'Burkii'	Red Cedar	1-1/2" Cal. B&B	As Shown

TREES TO BE REMOVED (THIS SHEET)

0" TOTAL DBH



LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BRANDY R. ALLISON — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LD-13

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE
SHEET 257 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

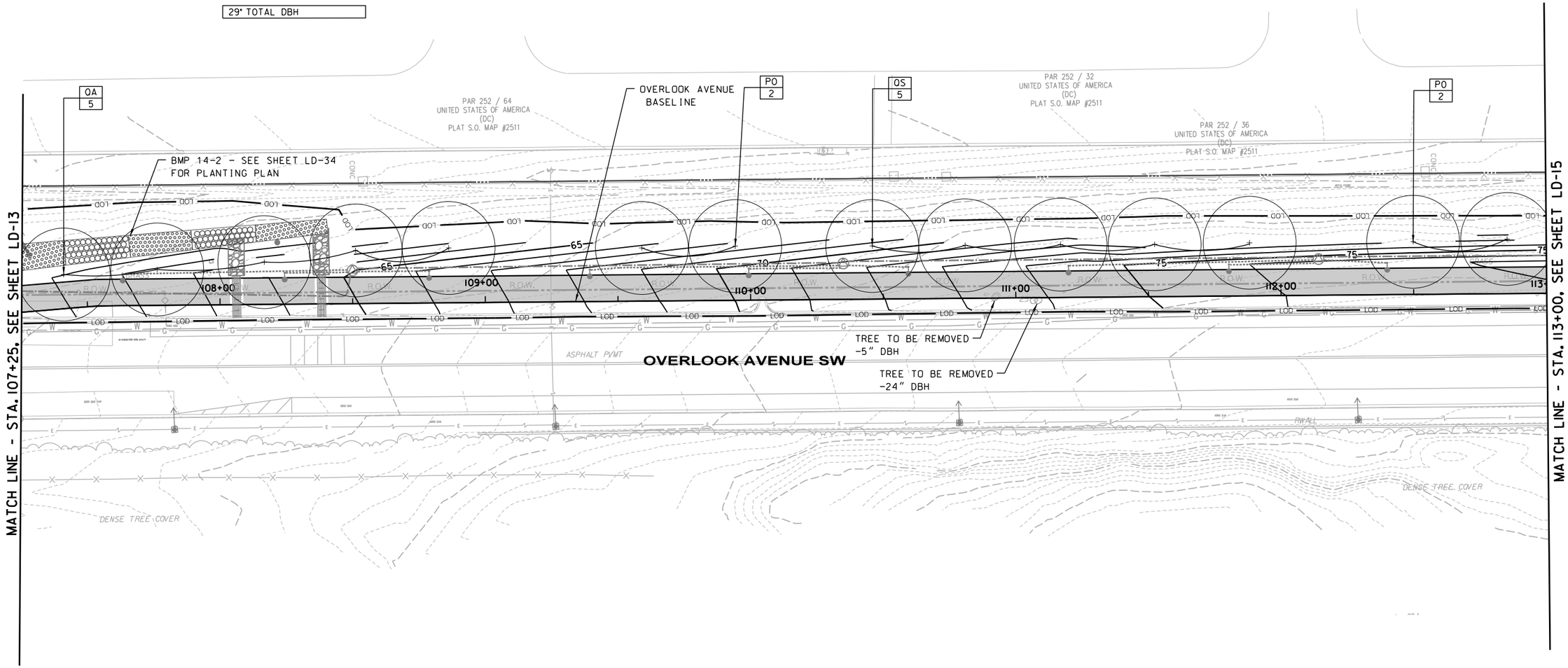
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	258	576

PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
OA	5	Quercus alba	White Oak	2" Cal. B&B	As Shown
OS	5	Quercus shumardii	Shumard Oak	2" Cal. B&B	As Shown
PO	4	Platanus occidentalis	Eastern Sycamore	2" Cal. B&B	As Shown

TREES TO BE REMOVED (THIS SHEET)

29" TOTAL DBH



LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BRIANY R. ALLISON — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LD-14

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

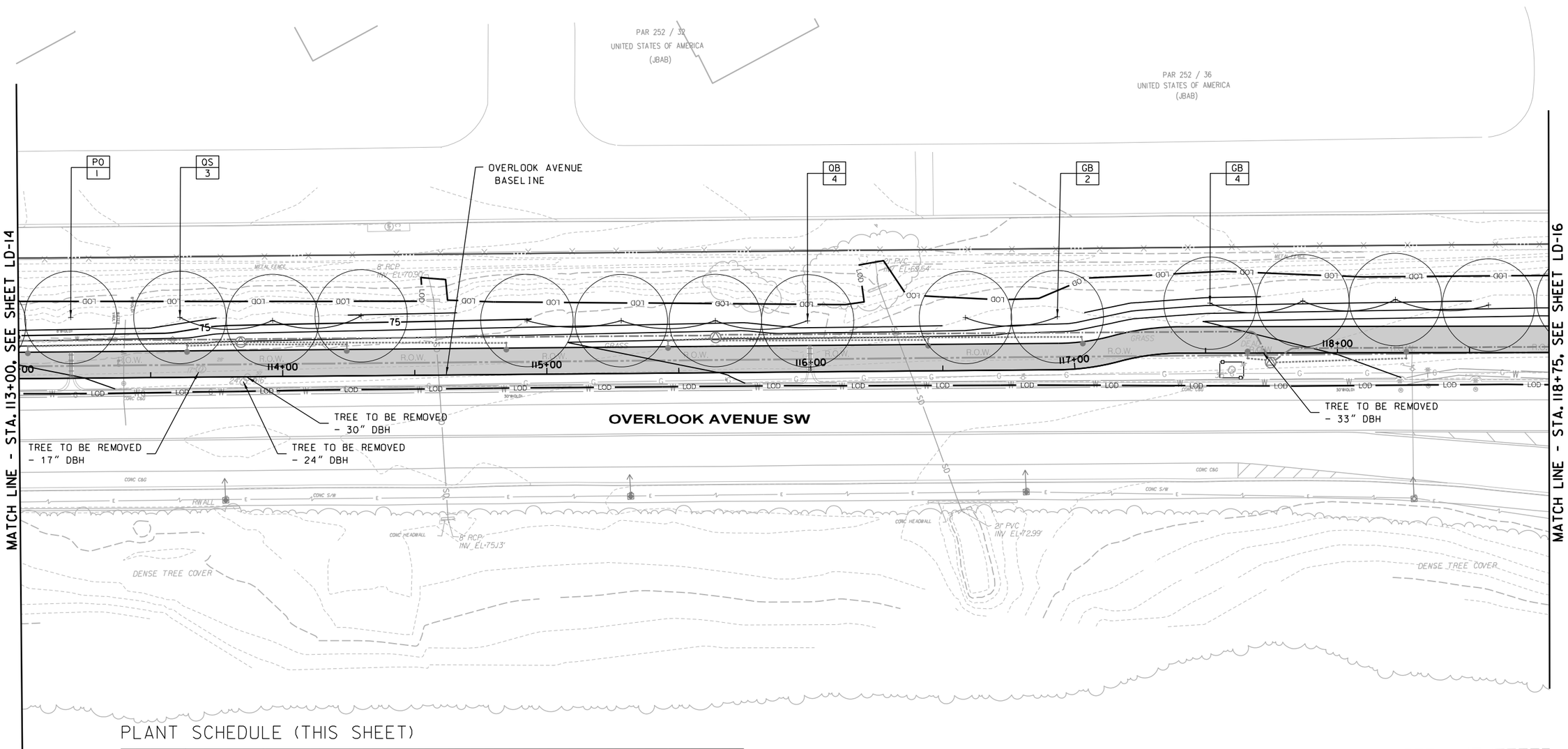
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 258 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	259	576



PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
GB	6	Ginkgo biloba	Ginkgo (Male Only)	2" Cal. B&B	As Shown
OB	4	Quercus bicolor	Swamp White Oak	2" Cal. B&B	As Shown
OS	3	Quercus shumardii	Shumard Oak	2" Cal. B&B	As Shown
PO	1	Platanus occidentalis	Eastern Sycamore	2" Cal. B&B	As Shown

TREES TO BE REMOVED (THIS SHEET)

104" TOTAL DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BRANY R. ALLISON — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LD-15

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

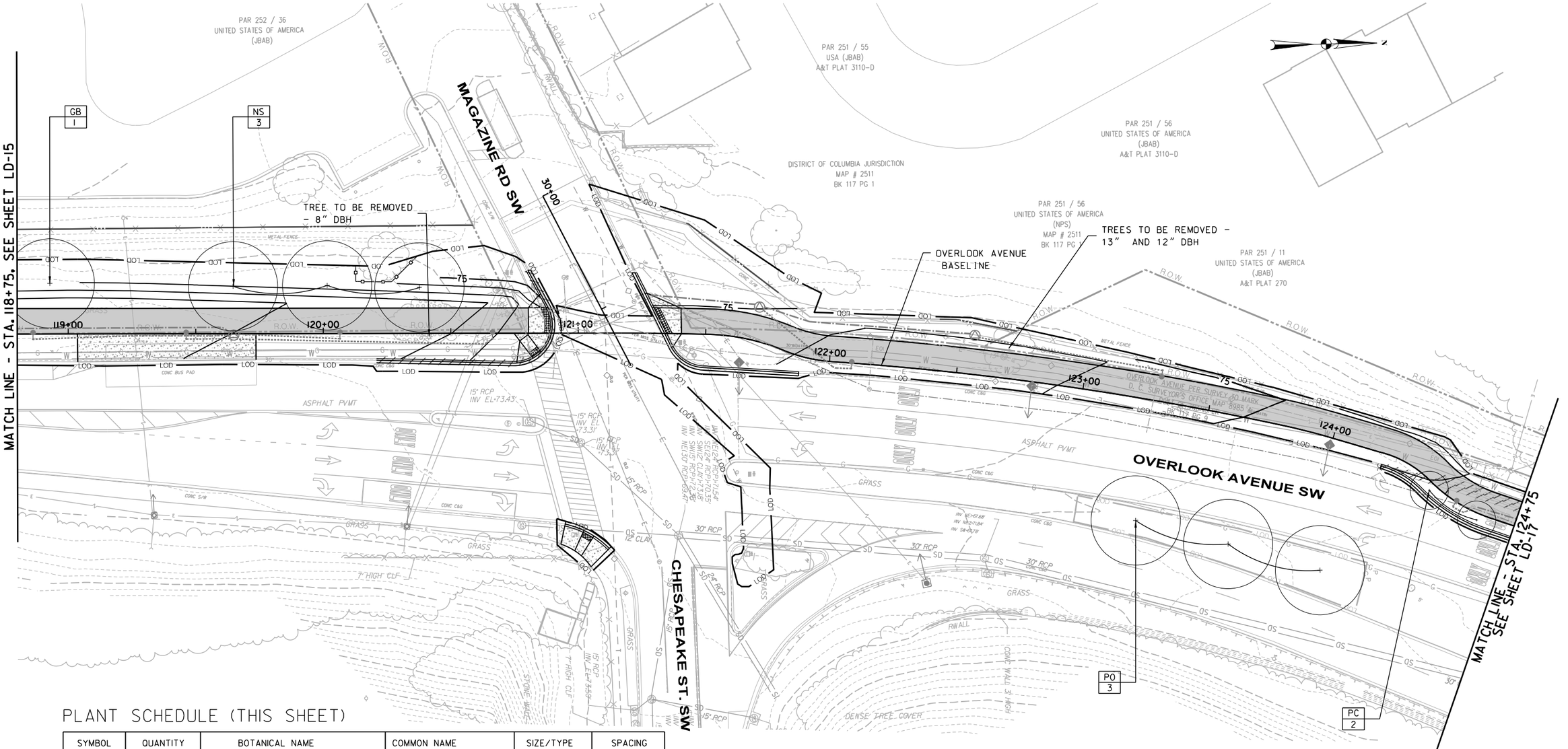
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 259 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	260	576



PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
GB	1	Ginkgo biloba	Ginkgo (Male Only)	2" Cal. B&B	As Shown
NS	3	Nyssa sylvatic	Black Gum	2" Cal. B&B	As Shown
PO	3	Platanus occidentalis	Eastern Sycamore	2" Cal. B&B	As Shown
SMALL ORNAMENTAL TREES					
PC	2	Pistacia chinensis	Chinese Pistache	1-1/2" Cal. B&B	As Shown

TREES TO BE REMOVED (THIS SHEET)

33" TOTAL DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BRIANY R. ALLISON — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LD-16

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE
FILE
SHEET 260 OF 576

$DATE$
$FILE$

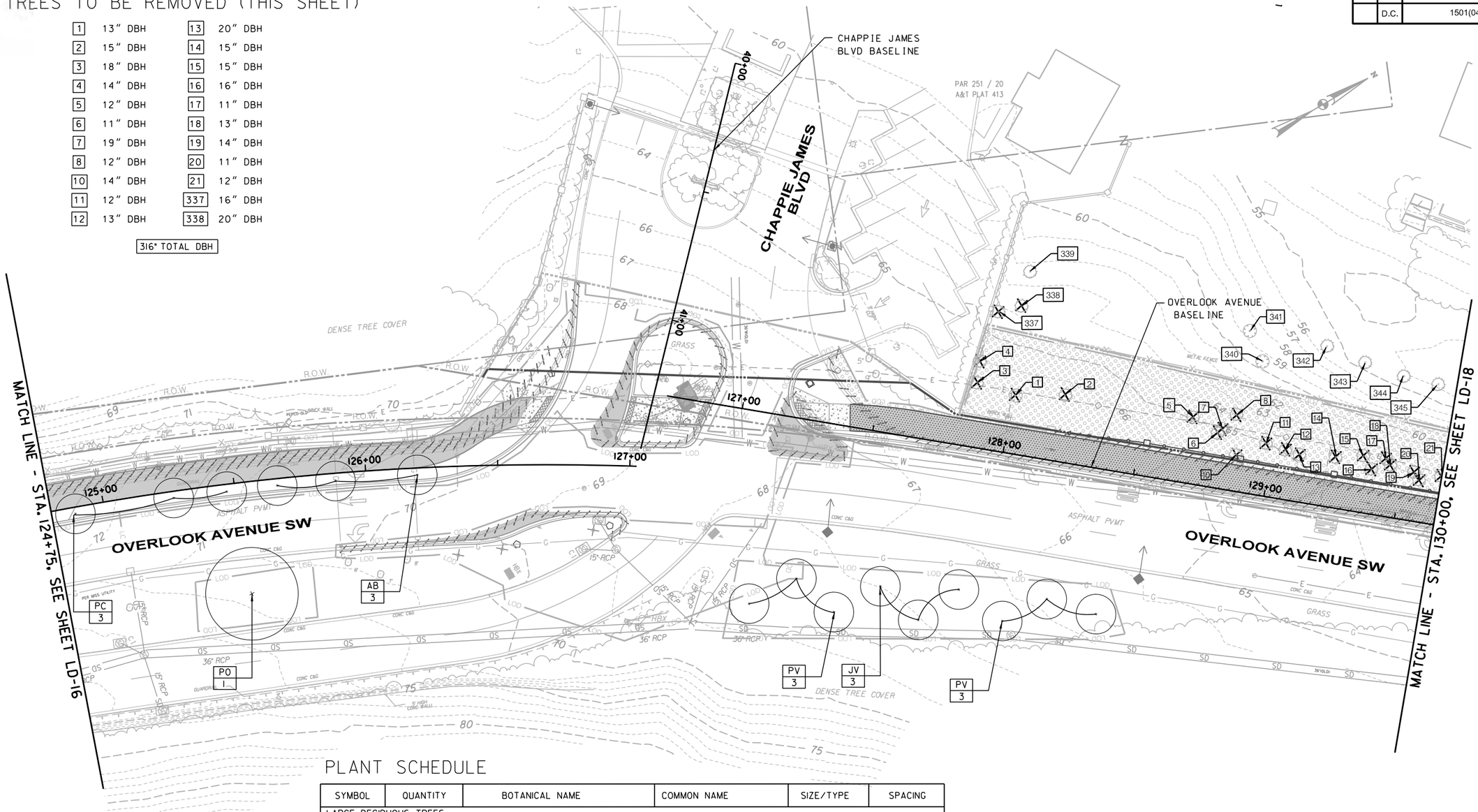
DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	261	576

TREES TO BE REMOVED (THIS SHEET)

1	13" DBH	13	20" DBH
2	15" DBH	14	15" DBH
3	18" DBH	15	15" DBH
4	14" DBH	16	16" DBH
5	12" DBH	17	11" DBH
6	11" DBH	18	13" DBH
7	19" DBH	19	14" DBH
8	12" DBH	20	11" DBH
10	14" DBH	21	12" DBH
11	12" DBH	337	16" DBH
12	13" DBH	338	20" DBH

316" TOTAL DBH



PLANT SCHEDULE

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
PO	1	Platanus occidentalis	Eastern Sycamore	2" Cal. B&B	As Shown
SMALL ORNAMENTAL TREES					
AB	3	Acer buergerianum	Trident Maple	6'-8' ht. B&B	As Shown
PC	3	Pistachia chinensis	Chinese Pistache	1-1/2" cal. B&B	As Shown
EVERGREEN TREES					
PV	6	Pinus virginiana	Virginia Pine	1-1/2" Cal. B&B	As Shown
JV	3	Juniperus virginiana 'Burkii'	Red Cedar	1-1/2" Cal. B&B	As Shown

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING TREE TO BE REMOVED
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — MELANY R. ALLISON — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-17

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

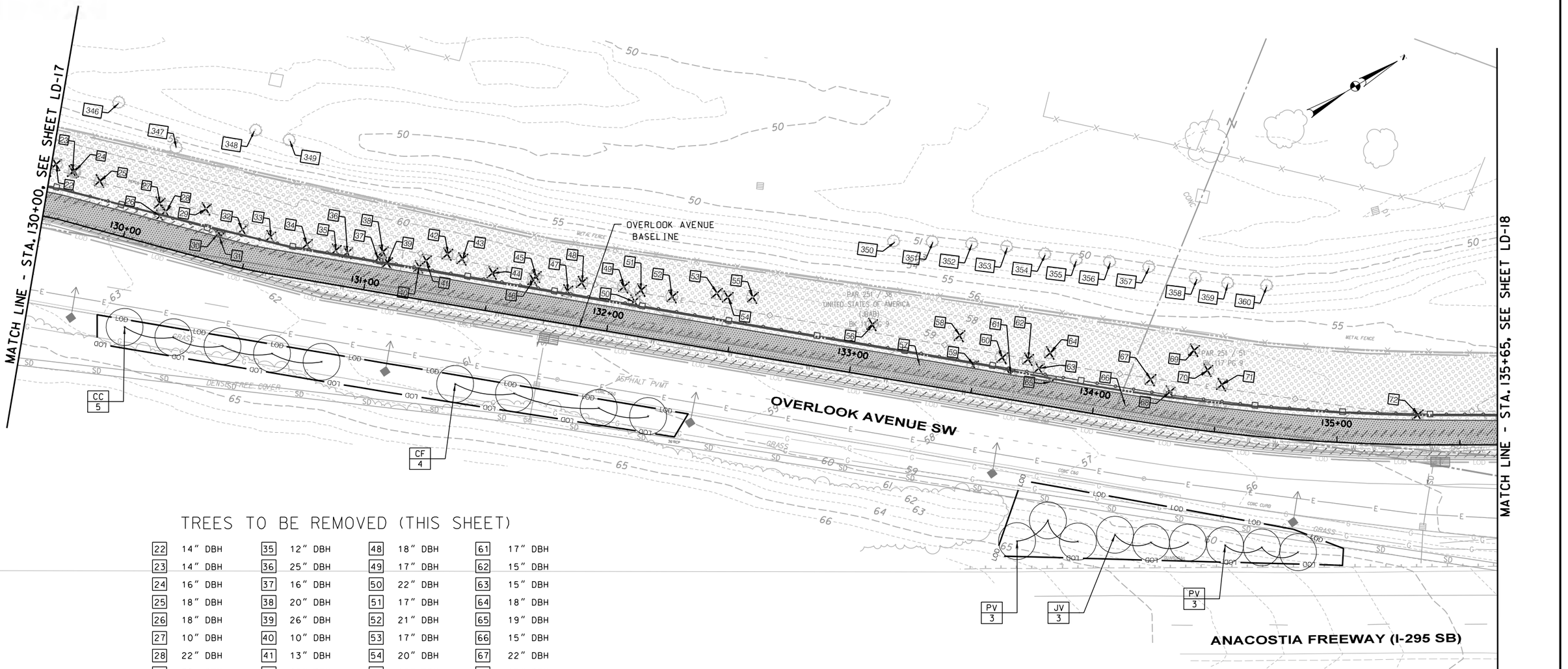
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 261 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	262	576



TREES TO BE REMOVED (THIS SHEET)

22	14" DBH	35	12" DBH	48	18" DBH	61	17" DBH
23	14" DBH	36	25" DBH	49	17" DBH	62	15" DBH
24	16" DBH	37	16" DBH	50	22" DBH	63	15" DBH
25	18" DBH	38	20" DBH	51	17" DBH	64	18" DBH
26	18" DBH	39	26" DBH	52	21" DBH	65	19" DBH
27	10" DBH	40	10" DBH	53	17" DBH	66	15" DBH
28	22" DBH	41	13" DBH	54	20" DBH	67	22" DBH
29	20" DBH	42	13" DBH	55	13" DBH	68	13" DBH
30	20" DBH	43	16" DBH	56	22" DBH	69	16" DBH
31	22" DBH	44	17" DBH	57	23" DBH	70	18" DBH
32	18" DBH	45	14" DBH	58	17" DBH	71	13" DBH
33	21" DBH	46	22" DBH	59	17" DBH	72	24" DBH
34	24" DBH	47	20" DBH	60	16" DBH		

906" TOTAL DBH

PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
SMALL ORNAMENTAL TREES					
CC	5	Cercis canadensis	Eastern Redbud	1-1/2" Cal. B&B	As Shown
CF	4	Cornus florida	Flowering Dogwood	1-1/2" Cal. B&B	As Shown
EVERGREEN TREES					
PV	6	Pinus virginiana	Virginia Pine	1-1/2" Cal. B&B	As Shown
JV	3	Juniperus virginiana "Burkii"	Red Cedar	1-1/2" Cal. B&B	As Shown

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING TREE TO BE REMOVED
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — MELANY R. ALLISON — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-18

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

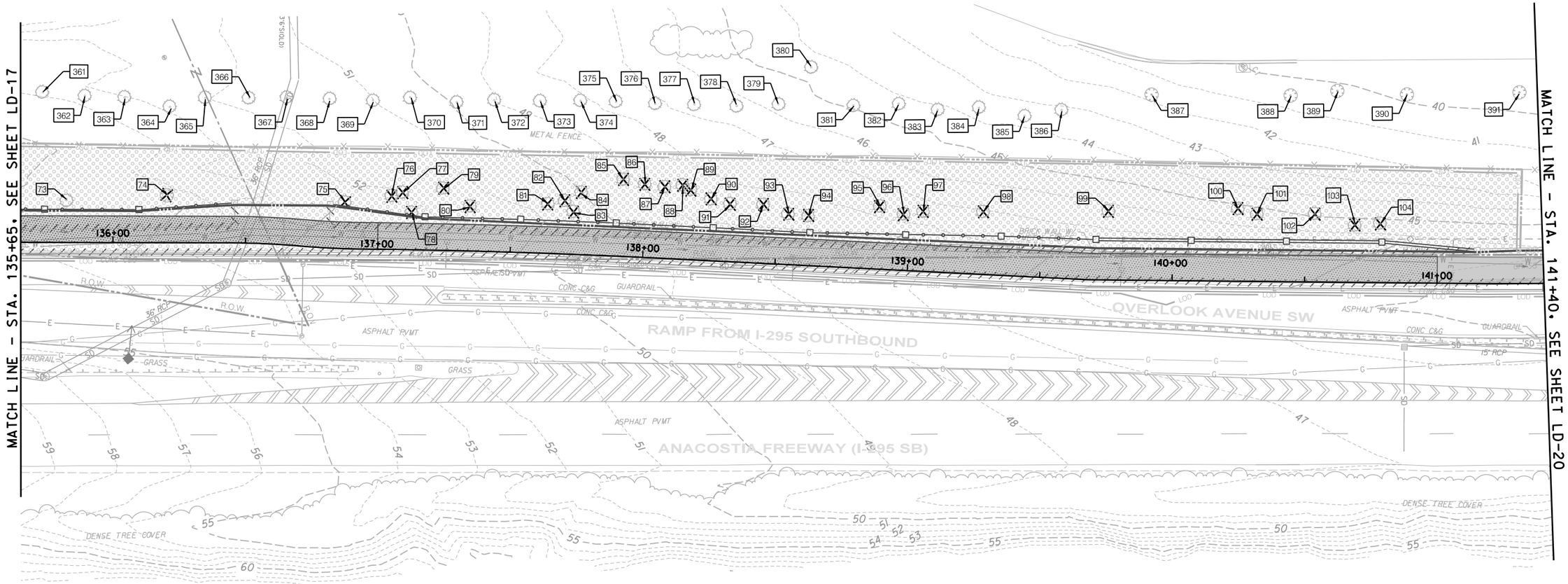
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 262 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	263	576



TREES TO BE REMOVED (THIS SHEET)

73	14" DBH	84	13" DBH	95	13" DBH			
74	13" DBH	85	15" DBH	96	23" DBH			
75	17" DBH	86	15" DBH	97	19" DBH			
76	23" DBH	87	21" DBH	98	21" DBH			
77	10" DBH	88	20" DBH	99	13" DBH			
78	17" DBH	89	14" DBH	100	13" DBH			
79	22" DBH	90	13" DBH	101	15" DBH			
80	21" DBH	91	18" DBH	102	12" DBH			
81	18" DBH	92	21" DBH	103	20" DBH			
82	19" DBH	93	23" DBH	104	26" DBH			
83	15" DBH	94	16" DBH					

553* TOTAL DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING TREE TO BE REMOVED
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BENJAMIN R. ALLISON — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-19

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

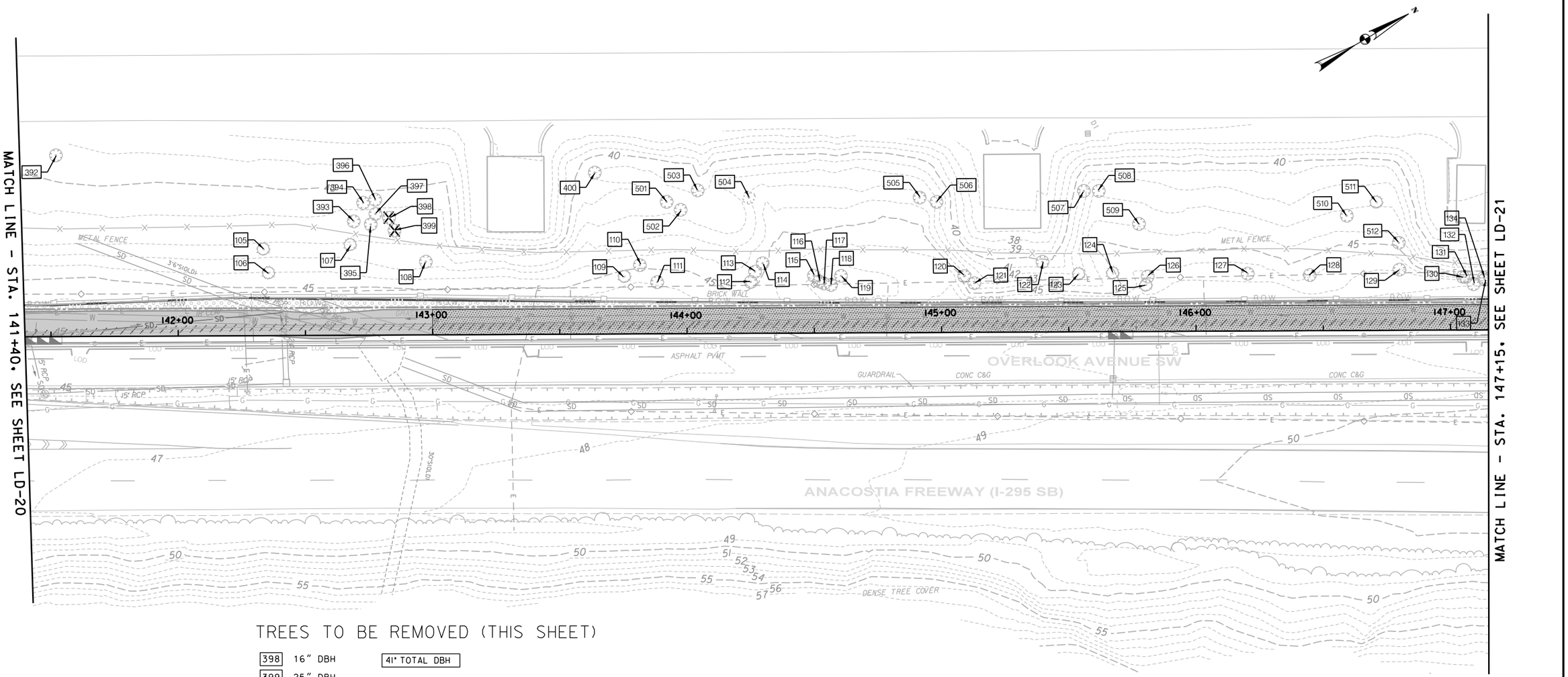
LANDSCAPE PLANS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT
DIVISION CHIEF
DATE
FILE
SHEET 263 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	264	576



TREES TO BE REMOVED (THIS SHEET)

398	16" DBH	41" TOTAL DBH
399	25" DBH	

LD-20

LEGEND

LD-20

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING TREE TO BE REMOVED
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · MEGANN R. ALLISON · PE905849 · 03/17/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

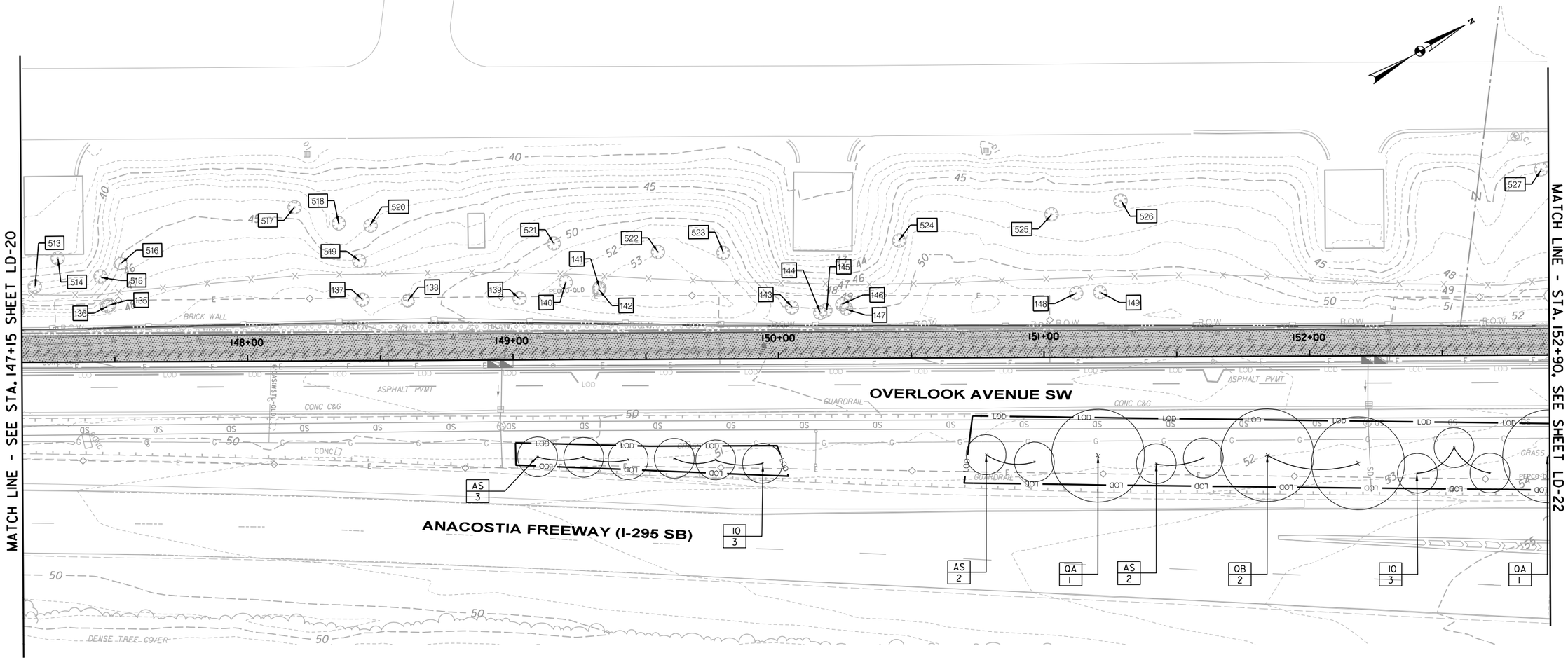
DIVISION CHIEF
DATE
FILE

SHEET 264 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	265	576



PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
OA	2	Quercus alba	White Oak	2" Cal. B&B	As Shown
OB	2	Quercus bicolor	Swamp White Oak	2" Cal. B&B	As Shown
SMALL ORNAMENTAL TREES					
AS	7	Amelanchier spicata	Dwarf Serviceberry	1-1/2" Cal. B&B	As Shown
IO	6	Ilex opaca	American Holly	6'-8' ht. B&B	As Shown

TREES TO BE REMOVED (THIS SHEET)

0" TOTAL DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING TREE TO BE REMOVED
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — PLANT QUANTITY PRELIMINARY — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

LD-21

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

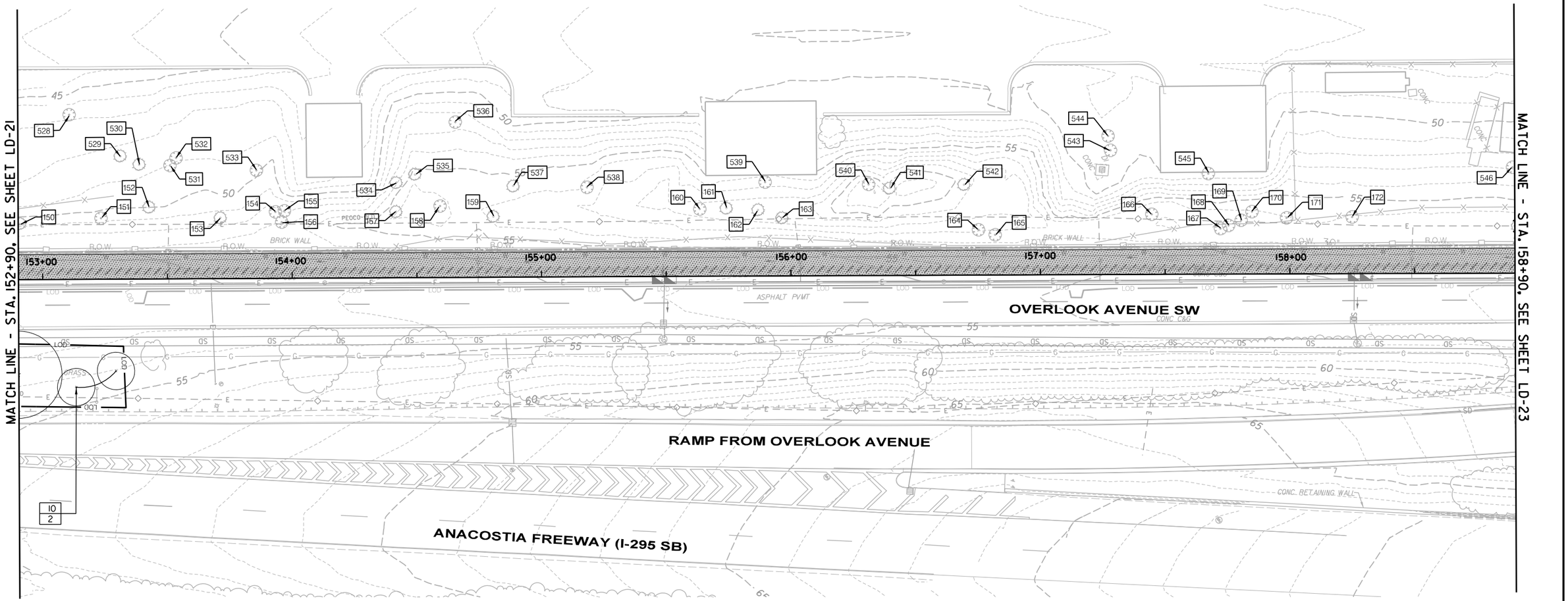
LANDSCAPE PLANS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR AT
DIVISION CHIEF
DATE
FILE
SHEET 265 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	266	576



TREES TO BE REMOVED (THIS SHEET)

0" TOTAL DBH

PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
ORNAMENTAL TREES					
10	2	Ilex opaca	American Holly	6'-8' ht. B&B	As Shown

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE

SCALE: 1"=20'

PLANT QUANTITY REFERENCE

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ch2m TOOLE DESIGN

LD-22

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

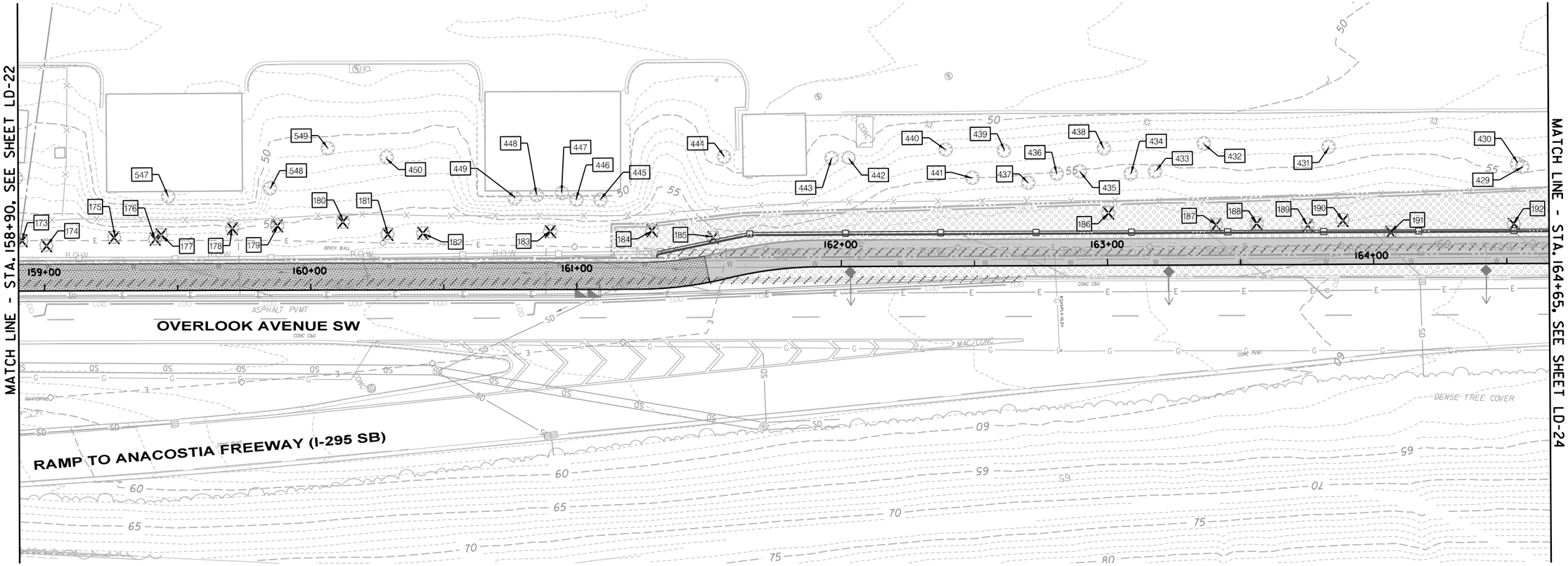
DATE
FILE

SHEET 266 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	267	576



TREES TO BE REMOVED (THIS SHEET)

173	10" DBH	183	18" DBH
174	11" DBH	184	21" DBH
175	18" DBH	185	24" DBH
176	18" DBH	186	14" DBH
177	14" DBH	187	14" DBH
178	13" DBH	188	12" DBH
179	24" DBH	189	12" DBH
180	11" DBH	190	19" DBH
181	10" DBH	191	15" DBH
182	25" DBH	192	14" DBH

317" TOTAL DBH

NO PLANTINGS THIS SHEET

LD-23

20' 0 20' 40'
SCALE: 1"=20'

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE

DISTRICT OF COLUMBIA — PLANTING QUANTITY PREPARED — 03/31/2016 — CIVIL PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 267 OF 576

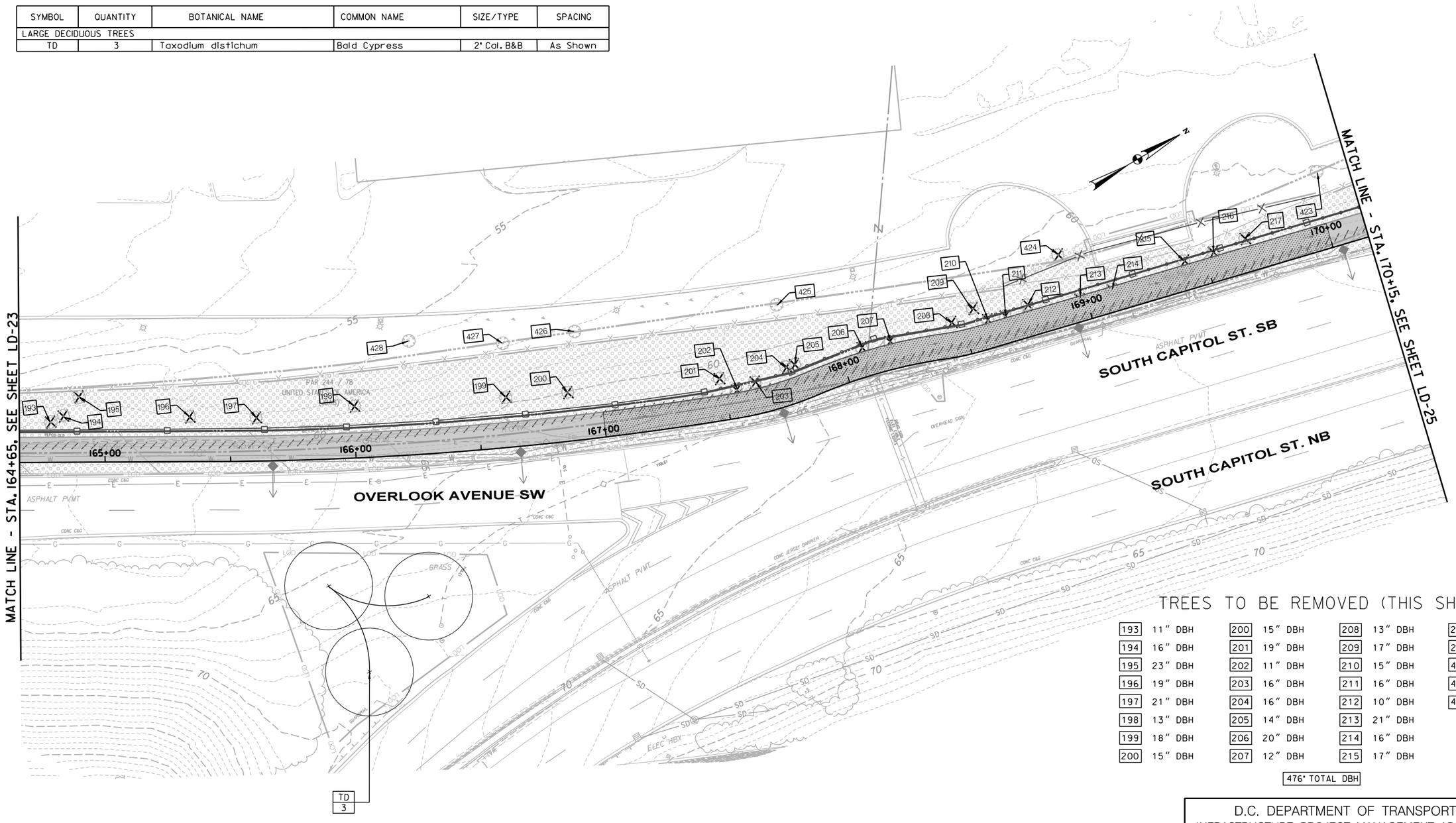
$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	268	576

PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
TD	3	Taxodium distichum	Bald Cypress	2" Cal. B&B	As Shown



TREES TO BE REMOVED (THIS SHEET)

193	11" DBH	200	15" DBH	208	13" DBH	216	13" DBH
194	16" DBH	201	19" DBH	209	17" DBH	217	17" DBH
195	23" DBH	202	11" DBH	210	15" DBH	423	25" DBH
196	19" DBH	203	16" DBH	211	16" DBH	424	15" DBH
197	21" DBH	204	16" DBH	212	10" DBH	425	22" DBH
198	13" DBH	205	14" DBH	213	21" DBH		
199	18" DBH	206	20" DBH	214	16" DBH		
200	15" DBH	207	12" DBH	215	17" DBH		

476" TOTAL DBH

LD-24

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE

20' 0 20' 40'
SCALE: 1"=20'

PLANT QUANTITY PREFERENCE

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

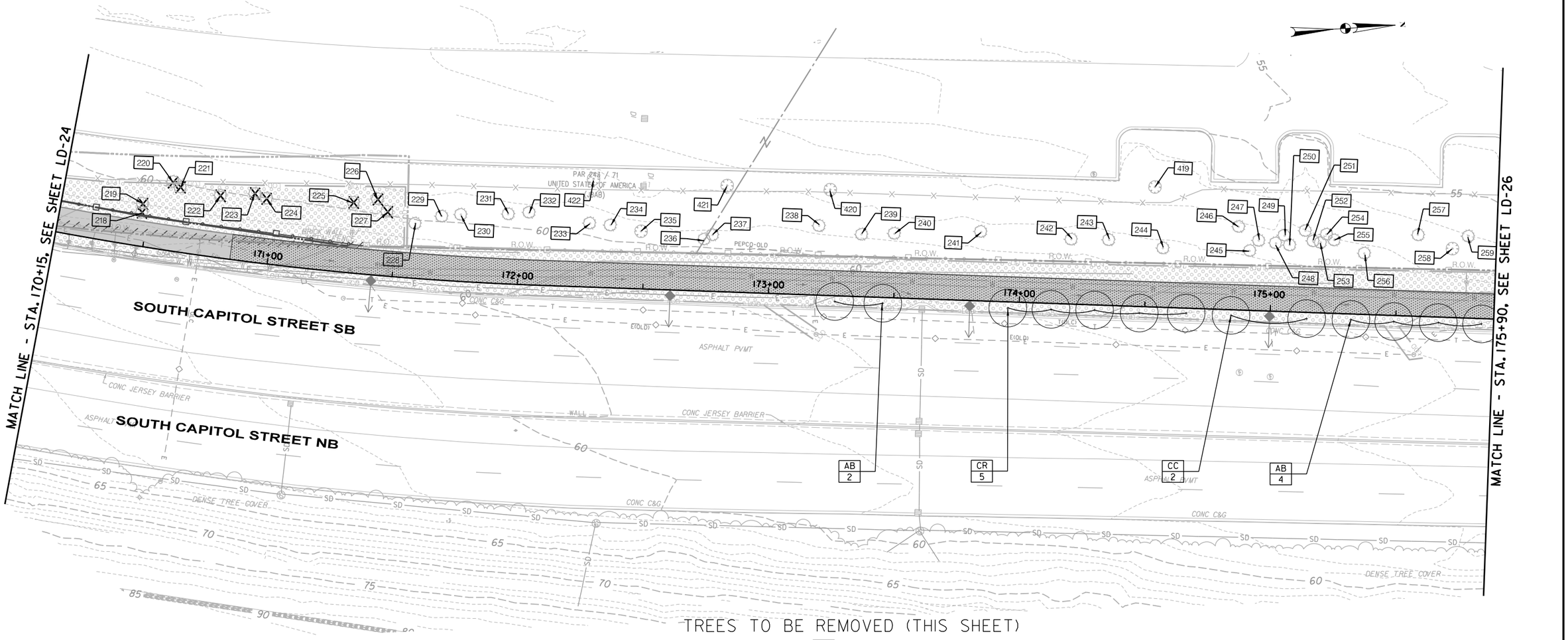
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 268 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	269	576



TREES TO BE REMOVED (THIS SHEET)

218	15" DBH
219	18" DBH
220	15" DBH
221	12" DBH
222	18" DBH
223	14" DBH
224	14" DBH
225	10" DBH
226	19" DBH
227	12" DBH
147" TOTAL DBH	

PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
SMALL ORNAMENTAL TREES					
AB	6	Acer buergerianum	Trident Maple	6'-8' ht. B&B	As Shown
CC	2	Cercis canadensis	Eastern Redbud	1-1/2" Cal. B&B	As Shown
CR	5	Chionanthus retusus	Sourwood	6'-8' ht. B&B	As Shown

20' 0 20' 40'
SCALE: 1"=20'

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE

DISTRICT OF COLUMBIA — PLANTS QUANTITY PREPARED BY — 09/19/2025 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LD-25

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

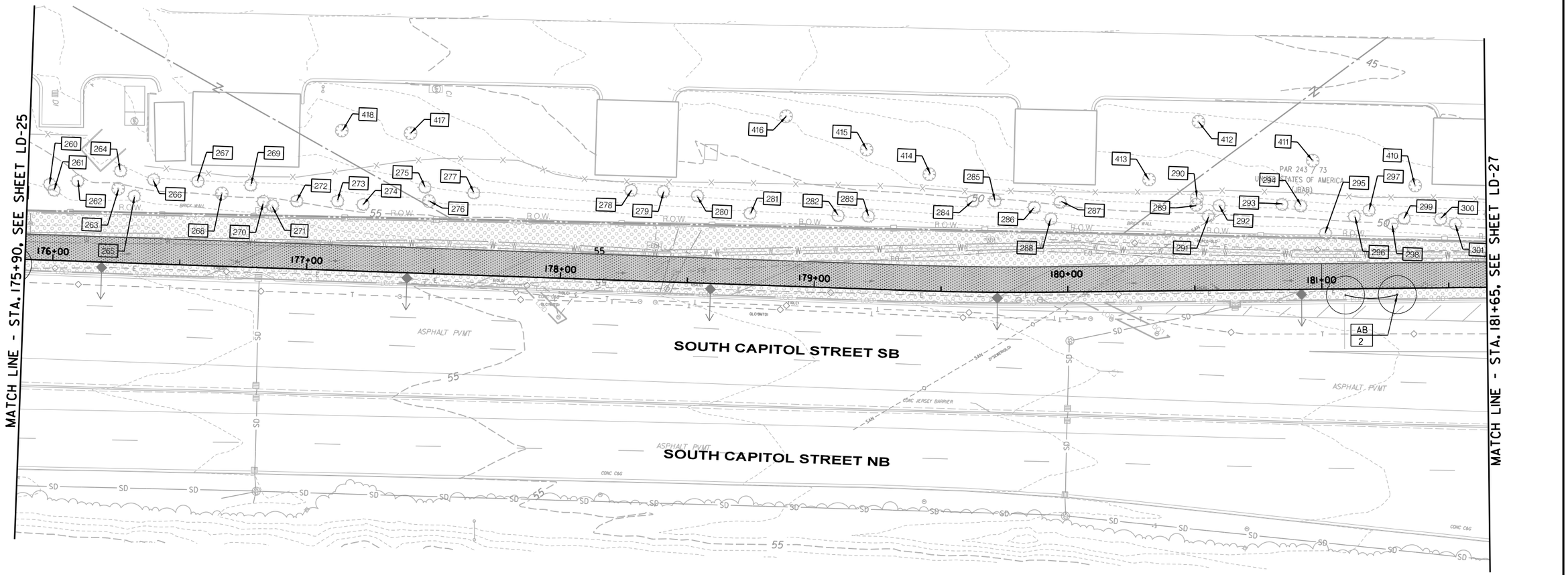
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 269 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	270	576



TREES TO BE REMOVED (THIS SHEET)

0" TOTAL DBH

PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
SMALL ORNAMENTAL TREES					
AB	2	Acer buergerianum	Trident Maple	6'-8' ht. B&B	As Shown

20' 0 20' 40'
SCALE: 1"=20'

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE

PLANT QUANTITY PREFERENCE
03/12/2026
DISTRICT OF COLUMBIA REGISTERED PROFESSIONAL ENGINEER CIVIL

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-26

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

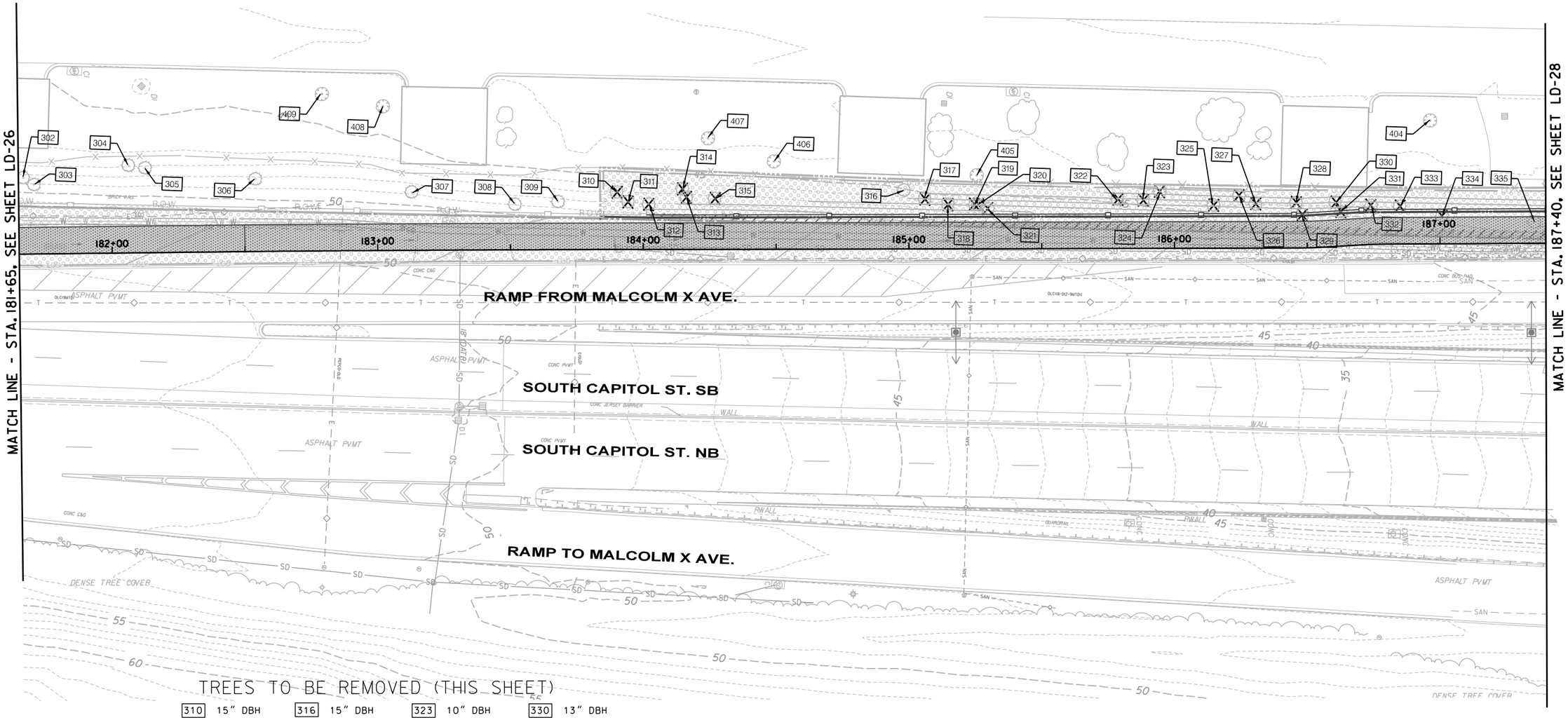
DATE
FILE

SHEET 270 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	271	576



TREES TO BE REMOVED (THIS SHEET)

310	15" DBH	316	15" DBH	323	10" DBH	330	13" DBH
311	10" DBH	317	13" DBH	324	16" DBH	331	13" DBH
312	18" DBH	318	12" DBH	325	13" DBH	332	16" DBH
313	16" DBH	319	12" DBH	326	13" DBH	333	17" DBH
314	14" DBH	320	13" DBH	327	17" DBH	334	24" DBH
315	19" DBH	321	10" DBH	328	14" DBH	335	20" DBH
		322	16" DBH	329	10" DBH		

388" TOTAL DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE

20' 0 20' 40'
SCALE: 1"=20'

$DATE$
$FILE$

DISTRICT OF COLUMBIA — PLANT QUANTITY PRELIMINARY — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-27

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

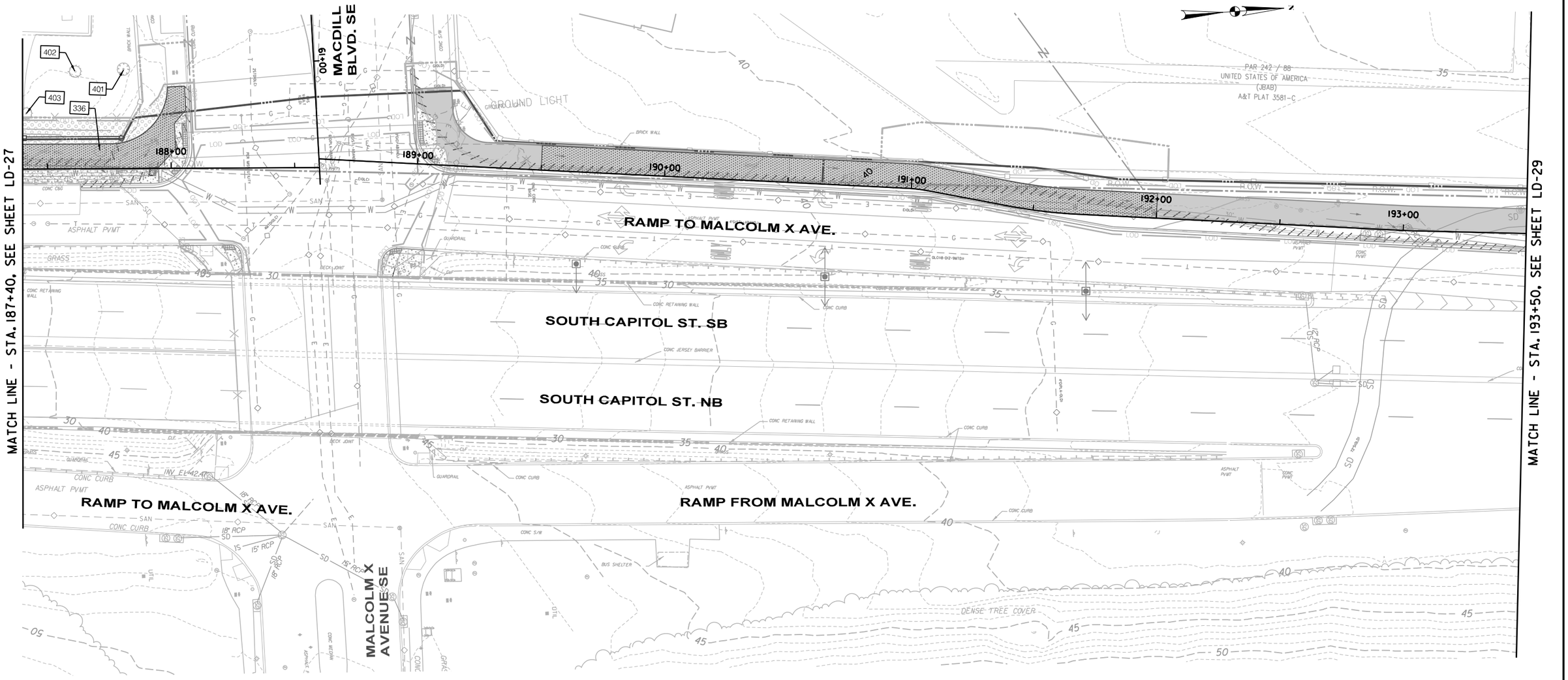
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE

SHEET 271 OF 576

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	272	576



TREES TO BE REMOVED (THIS SHEET)

336 11" DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — QUANTITY REFERENCE — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-28

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

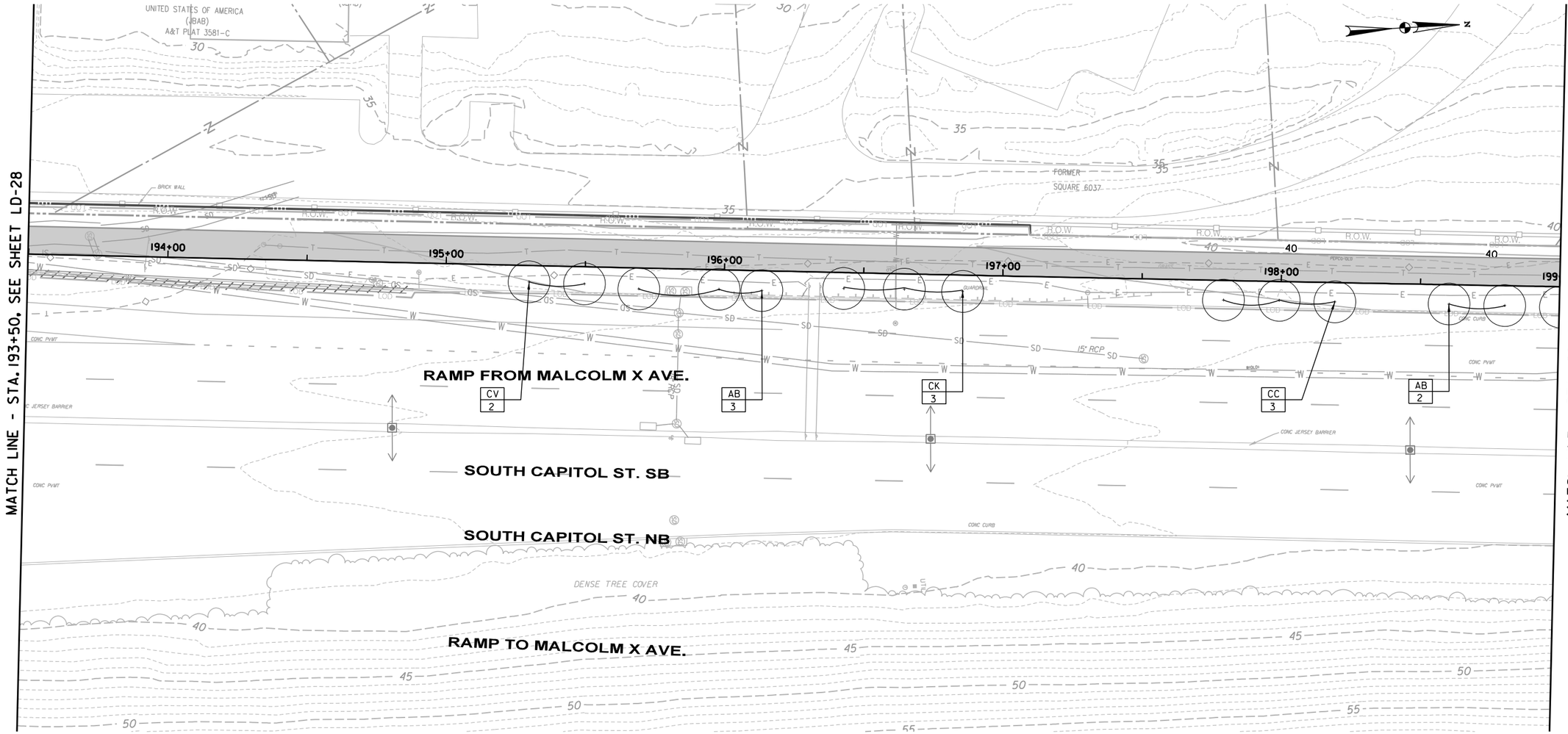
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 272 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	273	576



PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
SMALL ORNAMENTAL TREES					
AB	5	Acer buergerianum	Trident Maple	6'-8' ht. B&B	As Shown
CC	3	Cercis canadensis	Eastern Redbud	1-1/2" Cal. B&B	As Shown
CK	3	Cornus x 'Rutgan'	Rutgan Dogwood	1-1/2" Cal. B&B	As Shown
CV	2	Chionanthus virginicus	White Fringtree	6'-8' ht. B&B	As Shown

TREES TO BE REMOVED (THIS SHEET)

0" TOTAL DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — ALEXANDRIA PLANT QUANTITY REFERENCE — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LD-29

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

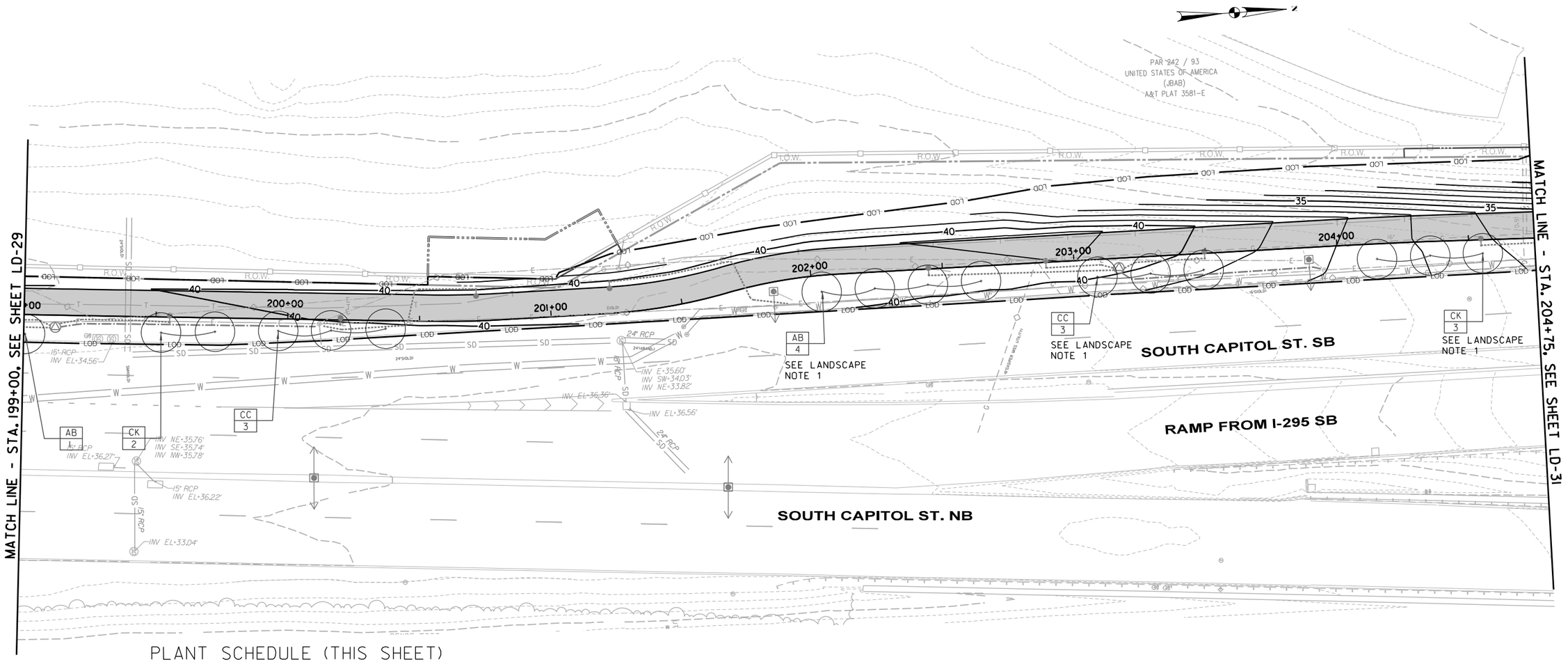
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 273 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	274	576



PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
SMALL ORNAMENTAL TREES					
AB	5	Acer buergerianum	Chiak Maple	6'-8' ht. B&B	As Shown
CC	6	Cercis canadensis	Eastern Redbud	1-1/2" Cal. B&B	As Shown
CK	5	Cornus x 'Rutgan'	Rutgan Dogwood	1-1/2" Cal. B&B	As Shown

TREES TO BE REMOVED (THIS SHEET)

0" TOTAL DBH

LANDSCAPE NOTES:

1. ALL TREES SHALL BE INSTALLED TO PROVIDE A MINIMUM 3 FOOT HORIZPNTAL CLEARANCE FROM THE EDGE OF THE TREE AT BREAST HEIGHT TO THE EXISTING WATER MAIN.

LD-30

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · BRIANY R. ALLISON · PE905849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

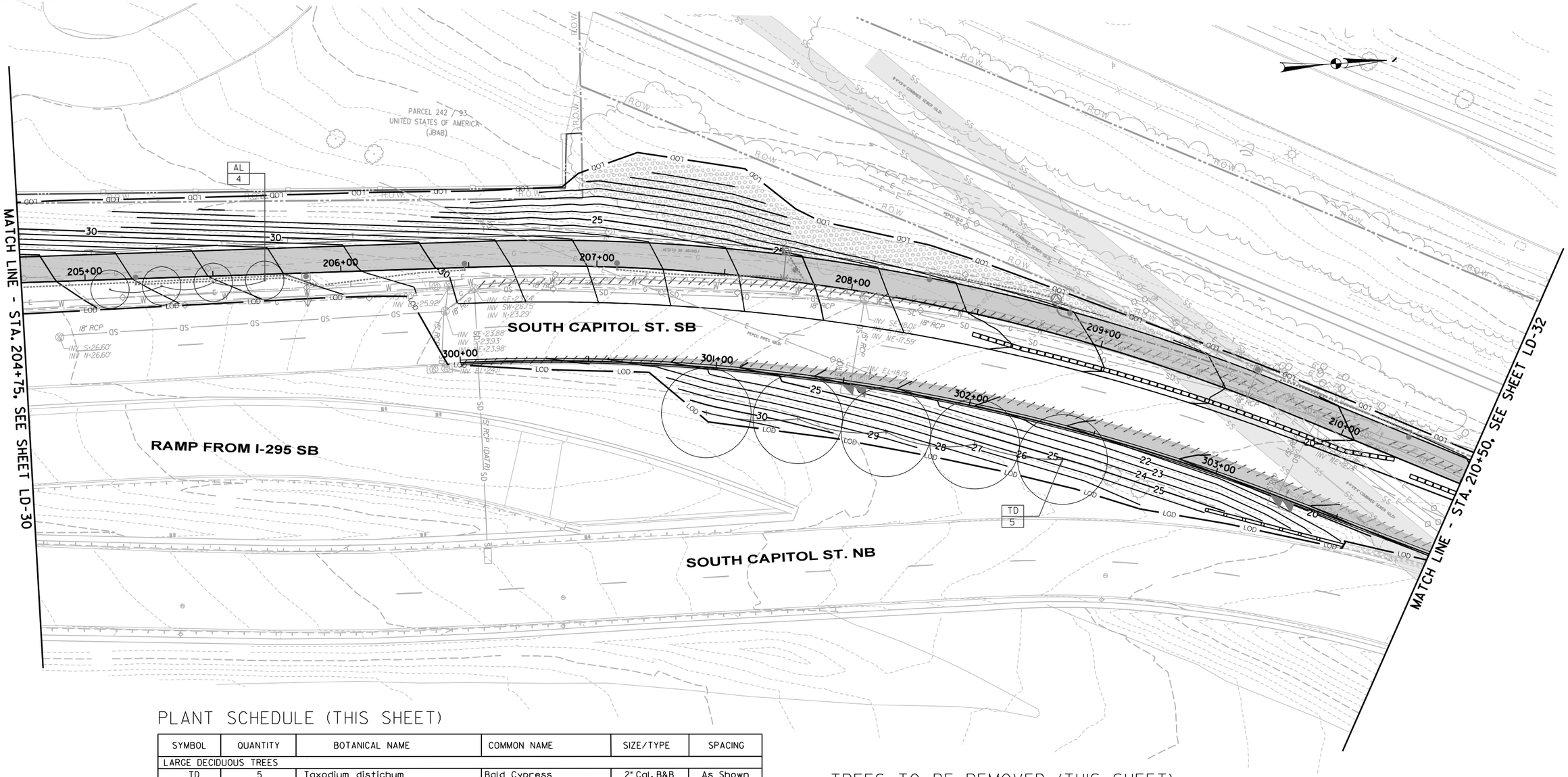
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 274 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	275	576



PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
TD	5	Taxodium distichum	Bald Cypress	2" Cal. B&B	As Shown
SMALL ORNAMENTAL TREES					
AB	4	Acer buergerianum	Trident Maple	6'-8' ht. B&B	As Shown

TREES TO BE REMOVED (THIS SHEET)

0" TOTAL DBH

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
BRENNAN R. ALLISON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-31

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

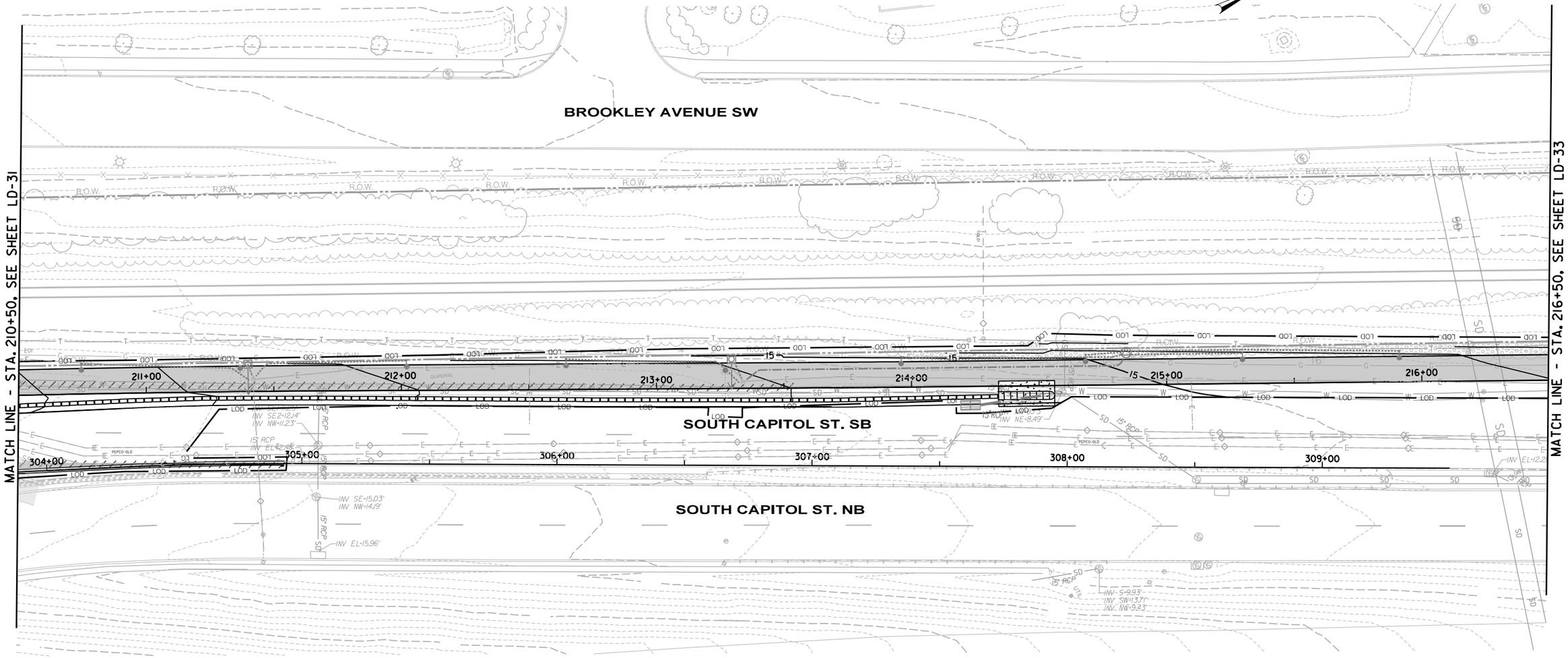
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 275 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	276	576



NO PLANTINGS THIS SHEET

LD-32

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — MELANY R. ALLISON — PE905849 — 03/12/2026 — CIVIL PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

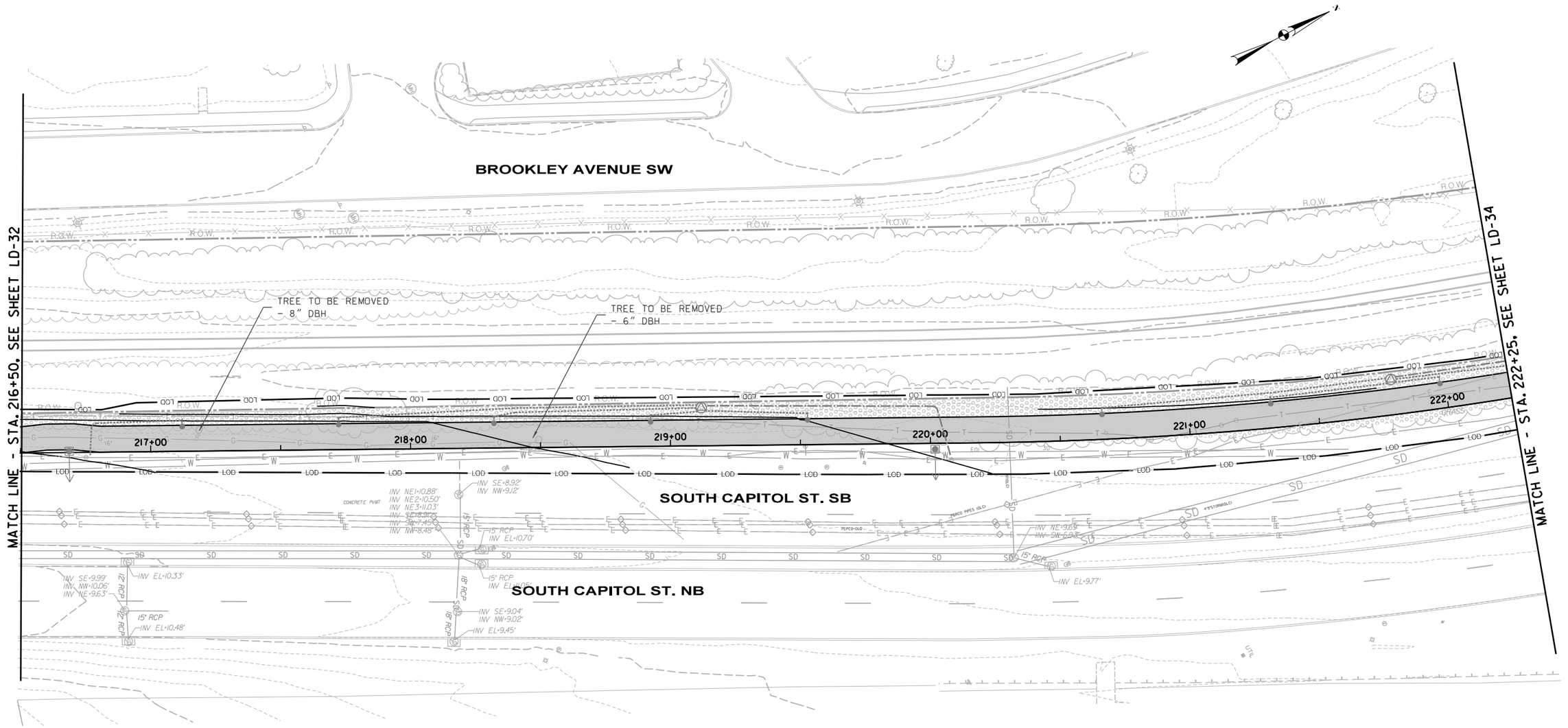
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 276 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	277	576



NO PLANTINGS THIS SHEET

LD-33

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BRIANNA R. ALLISON — PE905849 — 03/12/2025 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE

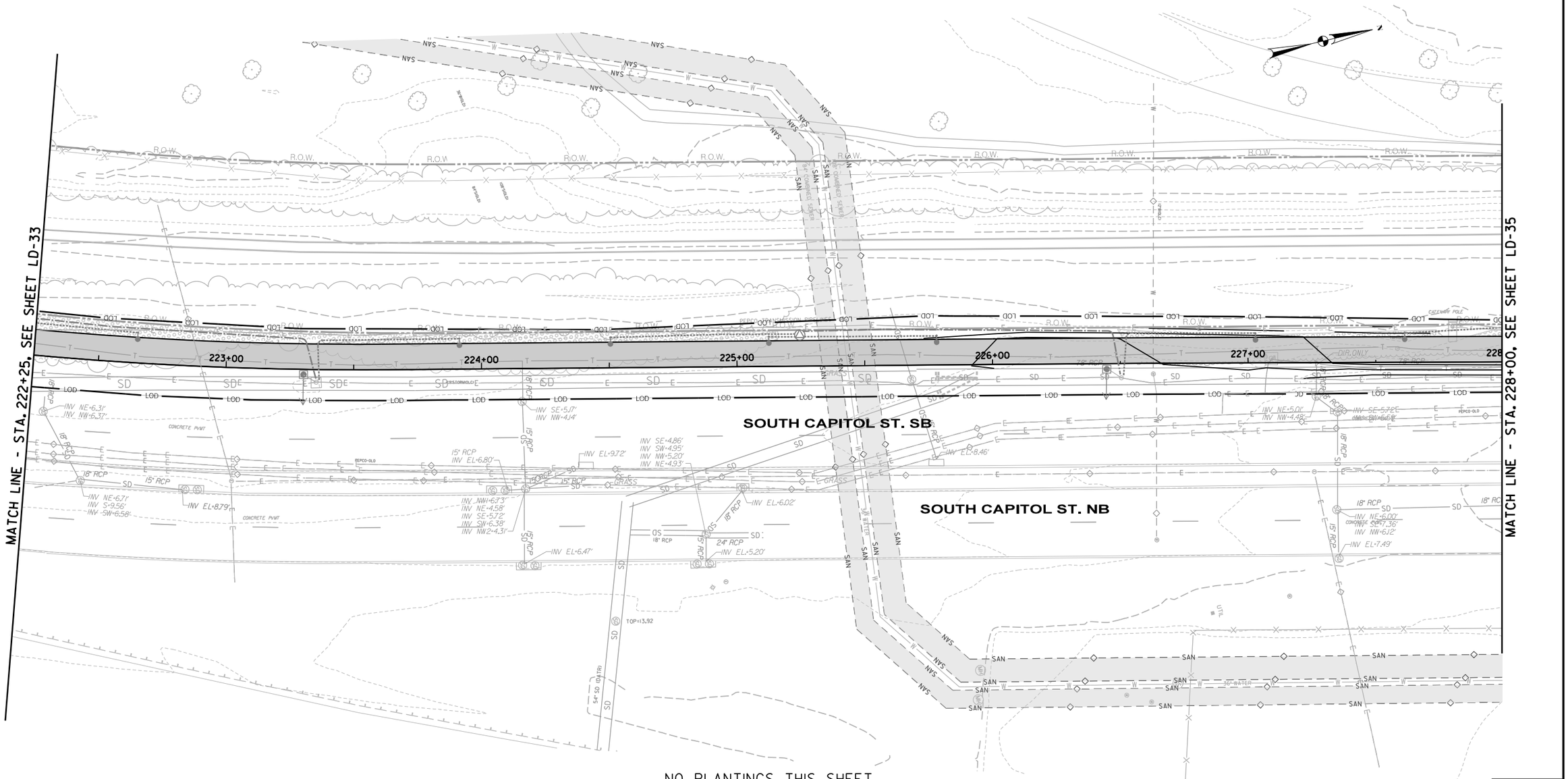
FILE

SHEET 277 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	278	576



NO PLANTINGS THIS SHEET

LD-34

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MEGANN R. ALLISON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE

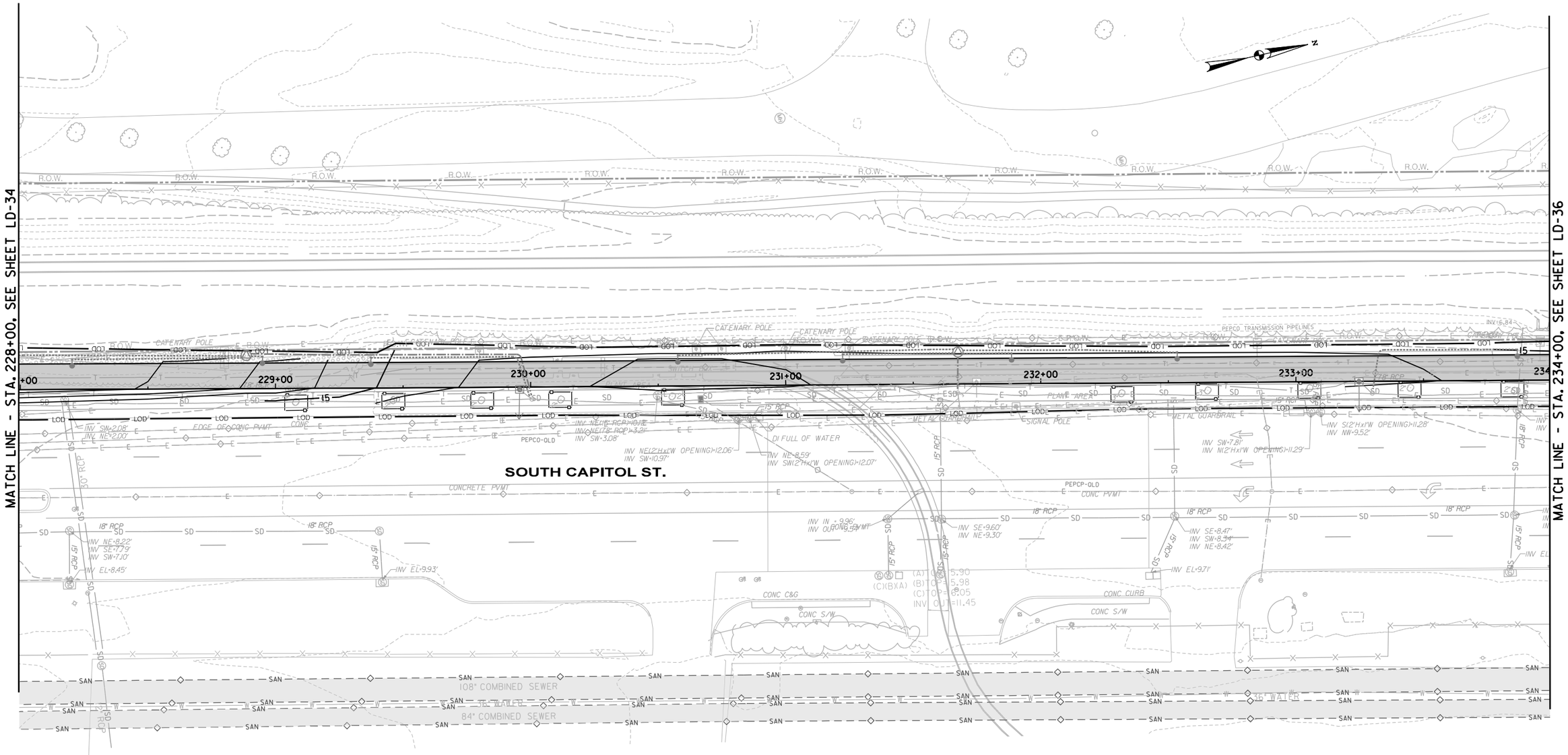
FILE

SHEET 278 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	279	576



NO PLANTINGS THIS SHEET

LD-35

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — BRIANT A. ALLISON — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

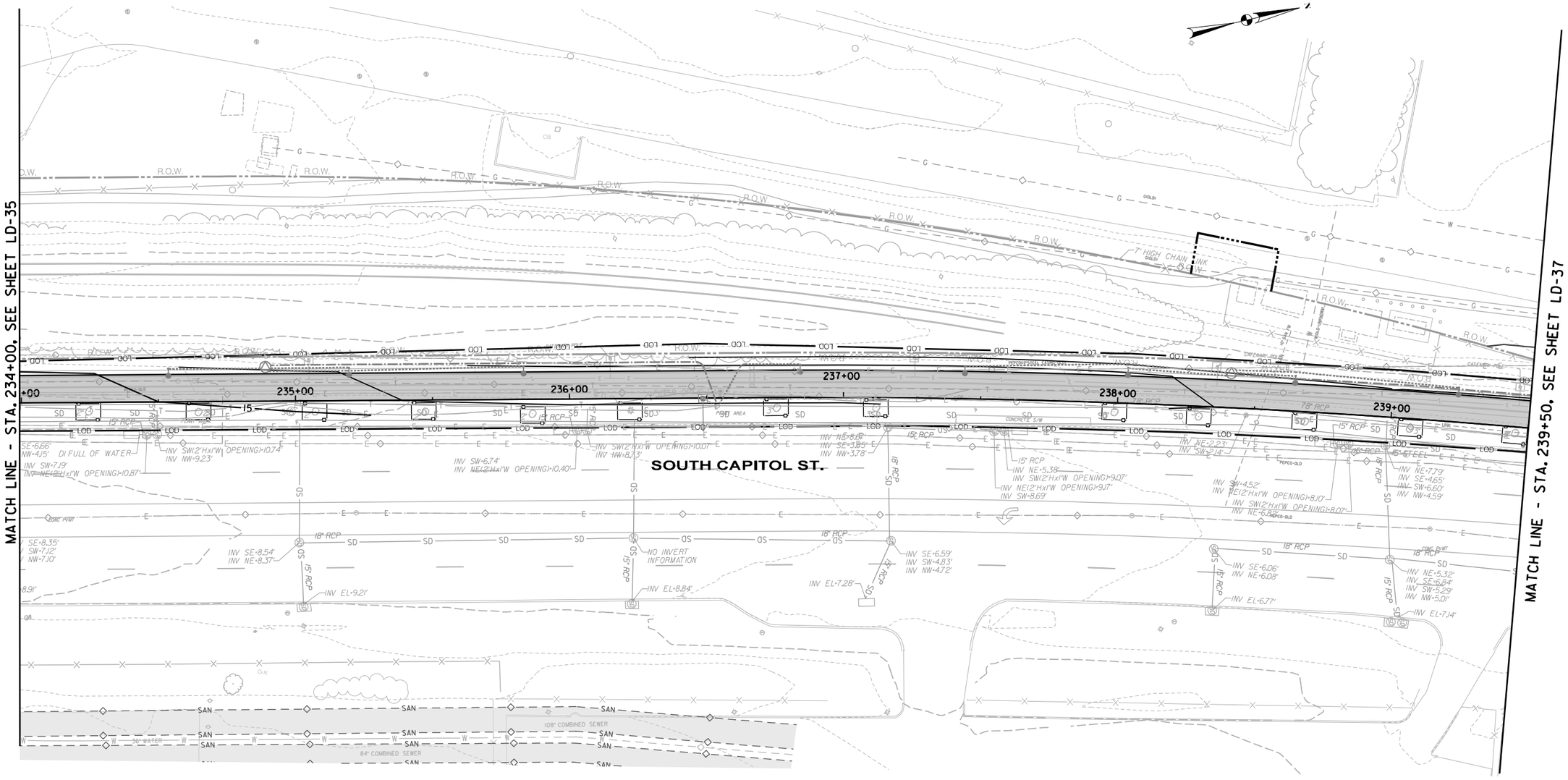
DIVISION CHIEF
DATE
FILE

SHEET 279 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	280	576



NO PLANTINGS THIS SHEET

LD-36

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — MEGANN R. ALLISON — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY AB
CHECKED BY MA/EG
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PROJECT MGR. AT

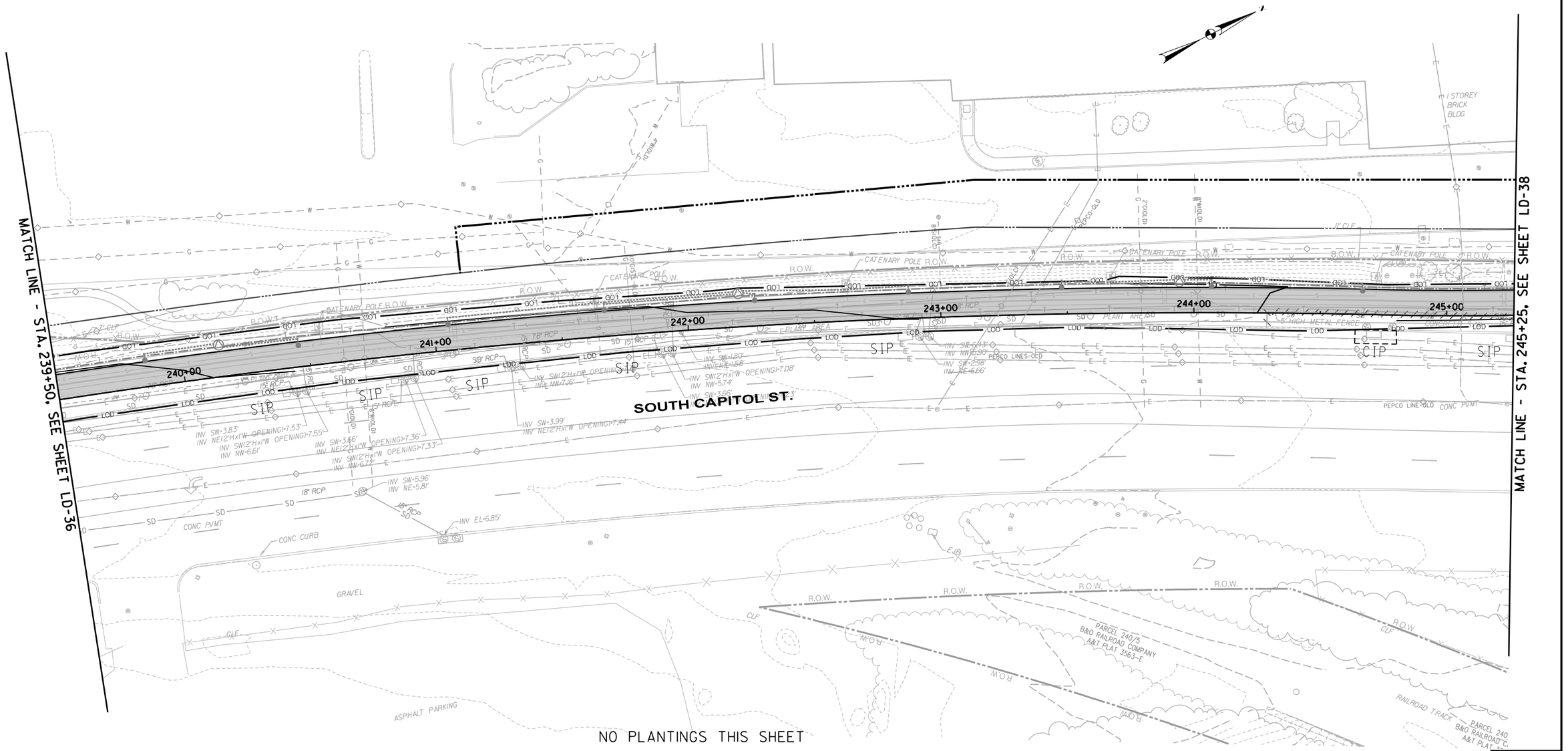
DIVISION CHIEF
DATE
FILE

SHEET 280 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	281	576



LD-37

LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
BRYANT R. ALLISON
PE905849
03/12/2026
CIVIL
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

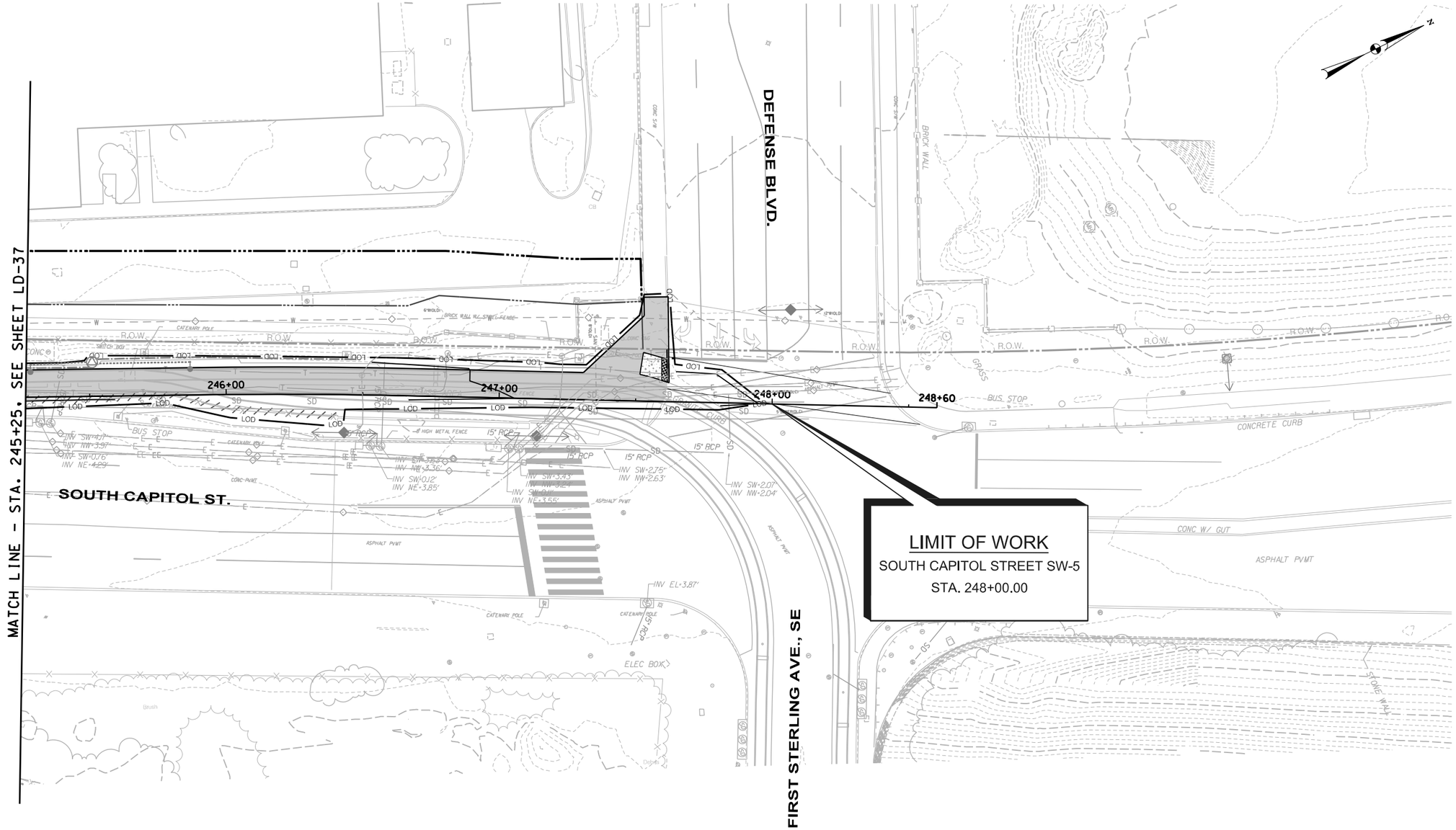
DIVISION CHIEF
DATE
FILE

SHEET 281 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	282	576



LEGEND

- LARGE DECIDUOUS TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- ORNAMENTAL & EVERGREEN TREE (SEE PLANTING DETAIL ON SHEET LD-00)
- EXISTING VEGETATION
- PROPOSED MILL & OVERLAY
- PROPOSED TRAIL
- EXISTING VEGETATION TO BE REMOVED
- BOARDWALK
- LOD — LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- AR / X — PLANT & QUANTITY REFERENCE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · BRIANY R. ALLISON · PE905849 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LD-38

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

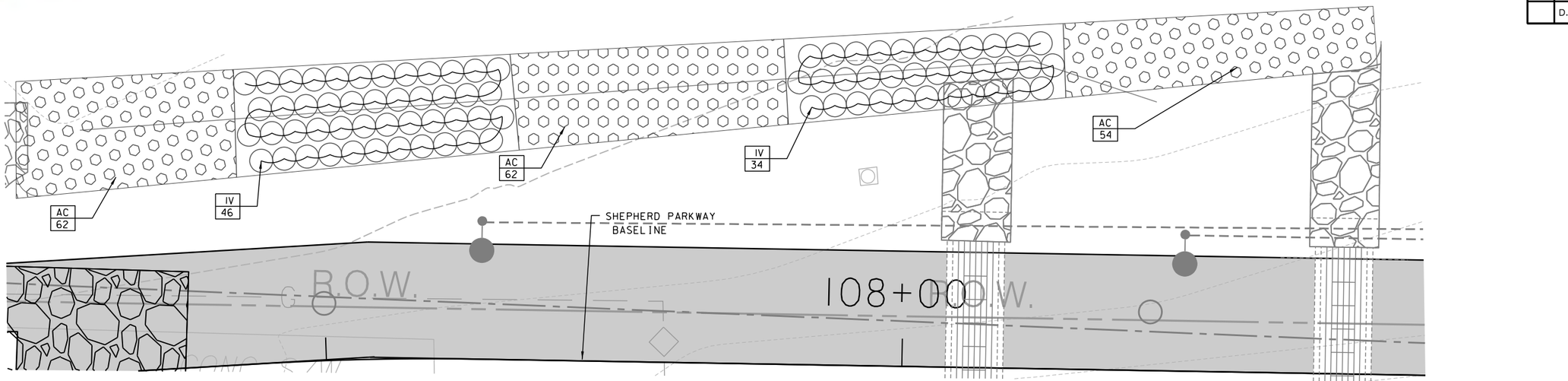
DATE
FILE

SHEET 282 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

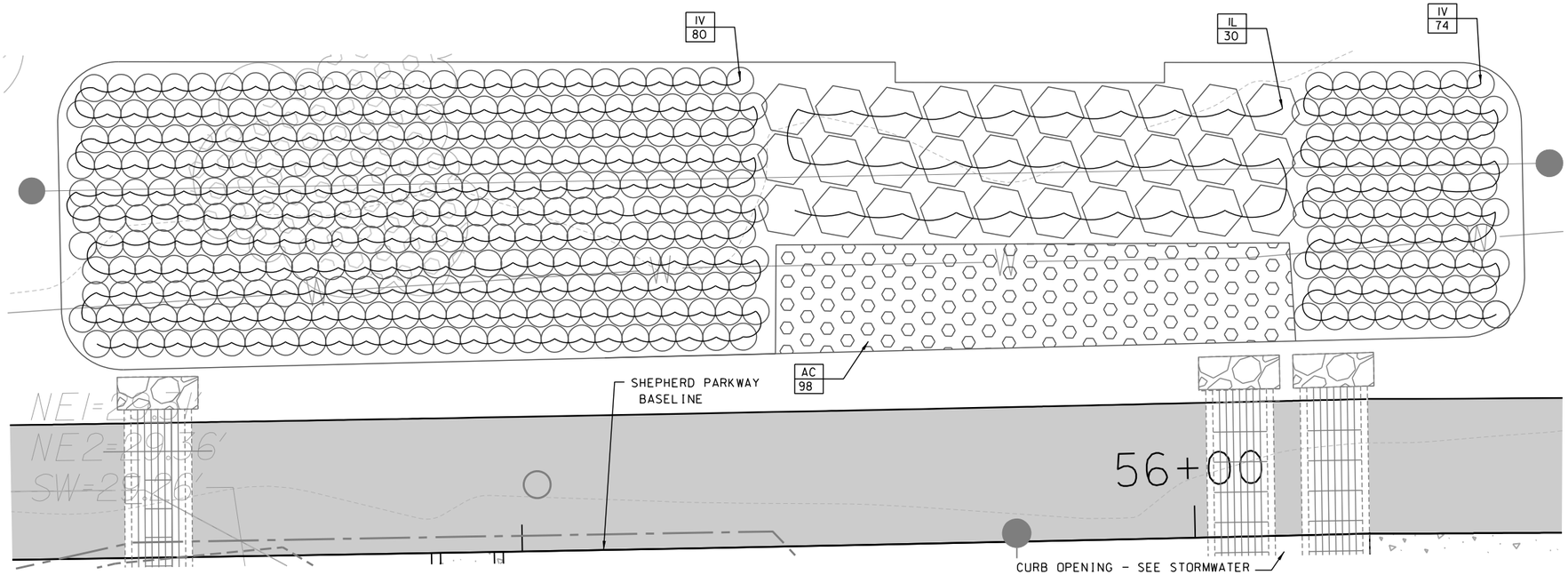
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	283	576



PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
BIORETENTION SHRUBS					
IL	30	Ilex verticillata 'Jim Dandy'	Winterberry 'Jim Dandy'	5 Gal. Cont	4'
IV	234	Ilex verticillata 'Nana' Red Sprite	Nana Red Sprite Winterberry	5 Gal. Cont	2'
BIORETENTION ORNAMENTAL GRASSES					
AC	276	Asclepias Syrica	Common Milkweed	1 Gal. Cont	3'

BMP 14-2 - BIORETENTION PLANTING



BMP 10-9 - BIORETENTION PLANTING

SCALE: 1"=20'

DISTRICT OF COLUMBIA · MELANY R. ALLISON · PE905845 · 03/12/2026 · CIVIL · PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-39

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LANDSCAPE PLANS
BIORETENTION PLANTING AREAS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE

FILE

SHEET 283 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	284	576

OVERALL PLANT SCHEDULE

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
LARGE DECIDUOUS TREES					
AR	2	Acer rubrum 'Red Sunset'	Red Maple 'Red Sunset'	2" Cal. B&B	As Shown
CO	7	Celtis occidentalis	Common Hackberry	2" Cal. B&B	As Shown
GB	9	Ginkgo biloba	Ginkgo (Male Only)	2" Cal. B&B	As Shown
NS	3	Nyssa sylvatica	Black Gum	2" Cal. B&B	As Shown
QA	13	Quercus alba	White Oak	2" Cal. B&B	As Shown
QB	8	Quercus bicolor	Swamp White Oak	2" Cal. B&B	As Shown
QS	11	Quercus shumardii	Shumard Oak	2" Cal. B&B	As Shown
PA	9	Platanus x acerfolia 'Bloodgood'	London Plane Tree	2" Cal. B&B	As Shown
PO	9	Platanus occidentalis	Eastern Sycamore	2" Cal. B&B	As Shown
TA	6	Taxodium ascendens	Pond Cypress	2" Cal. B&B	As Shown
TD	16	Taxodium distichum	Bald Cypress	2" Cal. B&B	As Shown
TOTAL LARGE DECIDUOUS TREES: 106					
SMALL ORNAMENTAL TREES					
AB	28	Acer buergerianum	Trident Maple	6'-8' ht. B&B	As Shown
AS	16	Amelanchier spicata	Dwarf Serviceberry	1-1/2" Cal. B&B	As Shown
CC	16	Cercis canadensis	Eastern Redbud	1-1/2" Cal. B&B	As Shown
CF	8	Cornus florida	Flowering Dogwood	1-1/2" Cal. B&B	As Shown
CK	11	Cornus x 'Rutgan'	Rutgan Dogwood	1-1/2" Cal. B&B	As Shown
CR	5	Chionanthus retusus	White Fringtree	6'-8' ht. B&B	As Shown
CV	5	Chionanthus virgininicus	White Fringtree	6'-8' ht. B&B	As Shown
IO	8	Ilex opaca	American Holly	6'-8' ht. B&B	As Shown
PC	7	Pistacia chinensis	Chinese Pistache	1-1/2" Cal. B&B	As Shown
TOTAL 2" SMALL ORNAMENAL TREES: 151					
EVERGREEN TREES					
JV	11	Juniperus virginiana 'Burkii'	Red Cedar	1-1/2" Cal. B&B	As Shown
PV	12	Pinus virginiana	Virginia Pine	1-1/2" Cal. B&B	As Shown
TOTAL EVERGREEN TREES: 26					
TOTAL EXISTING TREES TO BE REMOVED (DBH): 3636"					
BIORETENTION SHRUBS					
IL	30	Ilex verticillata 'Jim Dandy'	Winterberry 'Jim Dandy'	5 Gal. Cont	4'
IV	234	Ilex verticillata 'Nana' Red Sprite	Nana Red Sprite Winterberry	5 Gal. Cont	2'
BIORETENTION HERBACEOUS PERENNIALS					
AC	276	Asclepias Syrica	Common Milkweed	1 Gal. Cont	3'

TREE PROTECTION NOTES

1. TREE PROTECTION AND REMOVAL IS INCLUDED IN THE EROSION AND SEDIMENTATION CONTROL PLANS. REFER TO THESE DRAWINGS FOR ADDITIONAL INFORMATION.

2. ALL EXISTING STREET TREES. TO REMAIN WITHIN A WORK ZONE UNTIL A PROJECT IS COMPLETED, REQUIRE THE FOLLOWING AS TREE PROTECTION. IF FOR ANY REASON THE SCOPE OF THE PROJECT REQUIRES WORK TO BE PERFORMED WITHIN THE FENCED PROTECTION ZONE. THE PERMIT HOLDER MUST CONTACT THE DISTRICT DEPARTMENT OF TRANSPORTATION'S URBAN FORESTRY ADMINISTRATION (UFA) AT 202-671-5133 BEFORE ENTERING.
   A. SIX (6) FOOT TALL CHAIN LINK FENCING ON ALL SIDES.
   B. INSTALL FENCING PRIOR TO AND MAINTAIN THROUGHOUT CONSTRUCTION, REMOVING ONLY AT THE END OF THE PROJECT.
   C. FENCING SHALL PROTECT AN AREA NO SMALLER THAN FOUR (4) FEET BY NINE (9) FEET, CENTERED ON THE TREE, OR ENCLOSE MULTIPLE STREET TREES WHEN IN A CONTINUOUS, OPEN TREE PLANTING SPACE AND SITE ACCESS ALLOWS
   D. FENCING SHALL HAVE VERTICAL AND HORIZONTAL SUPPORT RAILINGS TO DECREASE FLEXIBILITY AND PREVENT SAGGING.
   E. FENCE POSTS SHALL BE ANCHORED IN THE GROUND TO PREVENT MOVEMENT AND PROVIDE A SECURE BARRIER.
   F. A MINIMUM OF TWO (2) DDOT UFA STANDARD TREE PRESERVATION SIGNS SHALL BE MOUNTED TO THE FENCE OF EACH ENCLOSED TREE PROTECTION AREA.

3. NO INSTALLATION OF SILT FENCE-SUPER SILT FENCE, TRENCHING, ALTERATION OR DISTURBANCE TO EXISTING GRADE; STAGING STORAGE OF CONSTRUCTION MATERIALS, EQUIPMENT, SOIL, OR DEBRIS; DISPOSAL OF ANY MATERIALS SUCH AS CONCRETE, GAS, OIL, PAINT, OR BLACKTOP IS ALLOWED WITHIN THE FENCED TREE PROTECTION ZONE.

4. EXCAVATIONS WITHIN THE DRIPLINE SHALL PROCEED WITH CARE BY USE OF HAND TOOLS. THE DRIPLINE IS DEFINED AS THE GROUND AREA UNDER THE CANOPY OF THE TREE.

5. NO ROOTS LARGER THAN TWO (2) INCHES IN DIAMETER ARE TO BE CUT WITHOUT UFA PERMISSION.

6. EXPOSED ROOTS TWO (2) INCHES AND LARGER IN DIAMETER SHALL BE WRAPPED IN BURLAP OR OTHER APPROVED MATERIAL AND KEPT MOIST AT ALL TIMES.

7. TREES THAT ARE PROTECTED ARE TO BE WATERED EVERY TEN (10) DAYS FROM APRIL THROUGH SEPTEMBER.

TREE PROTECTION NOTES (CONTINUED)

8. SECTIONS 608.07-TREE PROTECTION AND REPLACEMENT AND 608.08-TREE ROOT PROTECTION OF THE 2013 DISTRICT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES WILL APPLY SHOULD ANY DAMAGE OCCUR TO THE EXISTING STREET TREES.

9. ANY FINES RELATED TO DAMAGE TO A STREET TREE ON A JOB SITE SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER.

10. FOR CALIPER SIZE AND OTHER INFORMATION REGARDING TREES TO BE REMOVED, REFER TO THE LD PLAN SHEETS.

11. FOR ANY QUESTIONS, CALL DDOT URBAN FORESTRY ADMINISTRATION AT 202-671-5133.

PLANTING SOIL MIX NOTES

1. PLANTING SOIL SHALL BE IN ACCORDANCE WITH SECTION 621.09-BIORETENTION, PLANT BED, LAWN AND SAND BASED STRUCTURAL SOILS OF THE 2014 DISTRICT DEPARTMENT OF TRANSPORTATION GREEN INFRASTRUCTURE STANDARDS AND THE APPLICALLE REQUIREMENTS SPECIFIED IN THE 2013 DISTRICT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES.

PLANTING MAINTENANCE NOTES

1. CONTRACTOR SHALL PROVIDE COMPLETE MAINTENANCE OF THE TREES AND PLANTINGS, NO IRRIGATION IS PROPOSED FOR THIS SITE. THE CONTRACTOR SHALL SUPPLY SUPPLEMENTAL WATERING FOR NEW TREES AND PLANTINGS DURING THE TWO YEAR PLANT GUARANTEE PERIOD.

2. WATERING SHALL BE REQUIRE DURING GROWING SEASON. WHEN NATURAL RAINFALL IS BELOW ONE INCH PER WEEK.

3. WATER SHALL BE APPLIED IN SUFFICIENT QUANTITY TO THOROUGHLY SATURATE THE SOIL IN THE ROOT ZONE OF EACH PLANT.

4. CONTRACTOR SHALL REPLACE DEAD OR DYING PLANTS AT THE END OF THE ONE YEAR GUARANTEE PERIOD. CONTRACTOR SHALL TURN OVER MAINTENANCE TO THE OWNER AT THAT TIME.

5. ALL TREES AND SHRUBS SHALL BE COVERED UNDER 2 YEAR WARRANTY PER DDOT STANDARD SPECIFICATIONS SECTION 608.02. WEEKLY WATERING SHALL BE PART OF THE CONTRACTORS STANDARD WARRANTY.

PLANTING NOTES

1. TREE AND SHRUB PLANTINGS SHALL COMPLY WITH THE CURRENT VERSION OF THE DISTRICT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES AND STANDARD DRAWINGS NO. 608.02 AND 608.03. DECIDUOUS TREES SHALL ONLY BE PLANTED BETWEEN OCTOBER 15 AND MAY 1 AS PER THE SPRING AND FALL PLANTING SEASON DATES.

2. PEAT MOSS IS NOT ALLOWED FOR USE AS A SOIL AMENDMENT.

3. PLANTING AND STAKING SHALL BE AS PER DDOT STANDARD SPECIFICATION SECTION 608.02 & STANDARD DRAWING 608.03.

4. COMPANION PLANTS (I.E. PERENNIALS, GRASSES, BULBS, SHRUBS, ETC.) TO BE INSTALLED IN TREE BOXES MUST CONFORM TO DDOT MINIMUM HEIGHT STANDARDS TO PRESERVE SIGHTLINES, HAVE A SHALLOW ROOT SYSTEM, AND BE PLANTED AT MINIMUM 2 FT. FROM THE ROOT FLARE (CROWN) OF THE STREET TREE.

5. FINISH OFF 2 FT. CLEAR ZONE AROUND TREES WITH A 2-3" LAYER OF DOUBLE-SHREDDED HARDWOOD MULCH, BUT DO NOT PLACE UP AGAINST OR MOUND AROUND ROOT FLARE.

6. CONTRACTOR SHALL CONTACT CARLSON KLAPTHOR, WARD 8 ARBORIST AT CARLSON.KLAPTHOR@DC.GOV WHEN THE STREET TREES ARE READY TO BE PLANTED, PROVIDING AT LEAST 48 HOURS• NOTICE.

7. CONTRACTOR SHALL INSPECT SITE PRIOR TO BEGINNING PLANTING OPERATIONS AND NOTIFY THE ENGINEER OF ANY CONDITIONS THAT ARE NOT SUITALLE TO PERFORMING PLANTING OPERATIONS. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY CONDITIONS THAT WOULD PREVENT HEALTHY GROWTH OF PLANT MATERIAL.

8. ALL PLANTS IN THE SAME PLANTING BED SHALL BE PLANTED AT THE SAME TIME. ANY PLANTS REMAINING UNPLANTED ON THE SITE FOR MORE THAN 24 HRS. SHALL BE PROTECTED AND MAINTAINED INCLUDING BUT NOT LIMITED TO WATER AND SHADE. ANY DAMAGED PLANTS SHALL BE REPLACED AS DIRECTED BY THE LANDSCAPE ARCHITECT.

9. PRIOR TO THE START OF PLANTING OPERATIONS THE CONTRACTOR SHALL STAKE OUT THE LOCATIONS OF ALL PLANTS FOR APPROVAL BY THE LANDSCAPE ARCHITECT.

10. FINAL QUANTITY FOR EACH PLANT TYPE SHALL BE AS GRAPHICALLY SHOWN ON THE PLAN. THIS NUMBER SHALL TAKE PRECEDENCE IN CASE OF ANY DISCREPANCY BETWEEN QUANTITIES SHOWN ON THE PLANT LIST AND ON THE PLAN. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE NUMBER OF PLANTS SHOWN ON THE PLANS AND PLANT LALELS.

11. ALL PLANT MATERIALS SHALL BE GUARANTEED FOR TWO YEARS FOLLOWING THE DATE OF FINAL ACCEPTANCE.

12. ALL DISTURBED AREAS NOT OTHERWISE NOTED ON CONTRACT SHALL BE SEEDED OR MULCHED AS DIRECTED BY ENGINEER.

13. THESE PLANS ARE INTENDED FOR PLANTING PURPOSES. REFER TO ROADWAY DRAWINGS FOR ALL OTHER SITE CONSTRUCTION INFORMATION.

14. CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS IN CADD FORMAT TO DDOT-GIS FOR USE IN PLANNING FOR MAINTENANCE OF INSTALLED FACILITIES.

DISTRICT OF COLUMBIA — BRYANY R. ALLISON — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LD-40

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLANTING SCHEDULE AND LANDSCAPE NOTES

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

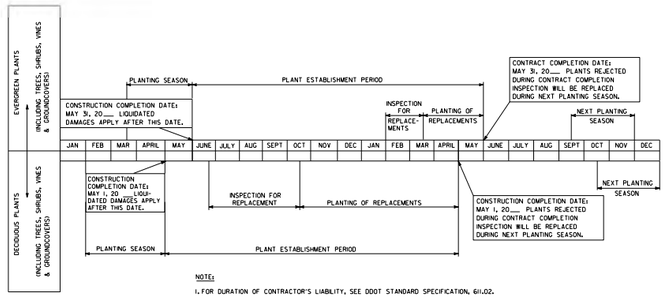
DATE
FILE

SHEET 284 OF 576

$DATE$
$FILE$

DEPARTMENT OF ENERGY & ENVIRONMENT

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	285	576



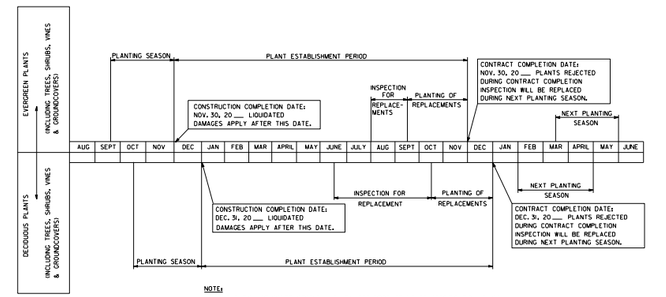
NOTE:
1. FOR DURATION OF CONTRACTOR'S LIABILITY, SEE DDOT STANDARD SPECIFICATION, 611.02.

RECOMMENDED: DEPUTY CHIEF ENGINEER
APPROVED: CHIEF TRANSPORTATION ENGINEER
DATE | APPR. | REVISED | ISSUED: | REFERENCE

PLANTING & PLANT ESTABLISHMENT PERIODS SPRING PLANTING SEASON

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 608.08



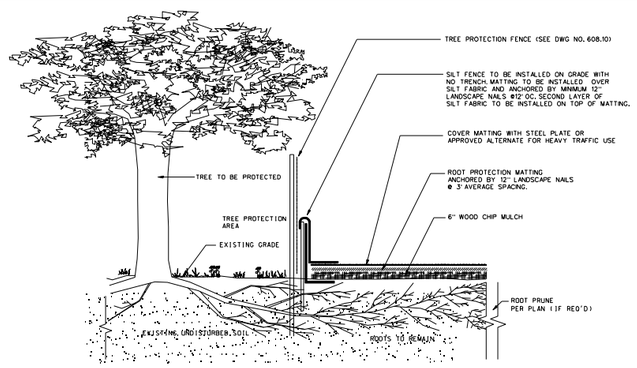
NOTE:
1. FOR DURATION OF CONTRACTOR'S LIABILITY, SEE DDOT STANDARD SPECIFICATION, 611.02.

RECOMMENDED: DEPUTY CHIEF ENGINEER
APPROVED: CHIEF TRANSPORTATION ENGINEER
DATE | APPR. | REVISED | ISSUED: | REFERENCE

PLANTING & PLANT ESTABLISHMENT PERIODS FALL PLANTING SEASON

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 608.09



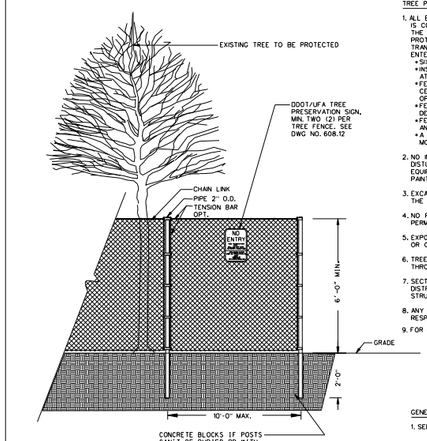
NOTES:
1. MATTING MATERIAL SHALL BE DOUBLE SIDED GEOCOMPOSITE, GEONET CORE WITH NON-WOVEN COVERING (SUCH AS TENSAR ROADRAN RG7) OR APPROVED EQUIVALENT.
2. ROOT PROTECTION MATTING SHALL BE INSTALLED BY A CERTIFIED ARBORIST.
3. TO BE USED FOR DESIGNATED TEMPORARY CONSTRUCTION ACCESS AND STOCKPILE AREAS.
4. MATTING SHALL BE PLACED ON 6" WOOD CHIP MULCH UNLESS OTHERWISE DIRECTED.
5. FOR HEAVY TRAFFIC AREAS, MATTING SHALL BE COVERED WITH STEEL PLATES.

RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF TRANSPORTATION ENGINEER
DATE | APPR. | REVISED | ISSUED: | REFERENCE

TREE ROOT PROTECTION W/SILT FENCE

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 608.13



TREE PROTECTION NOTES:
1. ALL EXISTING STREET TREES, TO REMAIN WITHIN A WORK ZONE UNTIL A PROJECT IS COMPLETED, REQUIRE THE FOLLOWING AS TREE PROTECTION. IF FOR ANY REASON THE SCOPE OF THE PROJECT REQUIRES WORK TO BE PERFORMED WITHIN THE FENCED PROTECTION ZONE, THE PERMIT HOLDER MUST CONTACT THE DISTRICT DEPARTMENT OF TRANSPORTATION'S URBAN FORESTRY ADMINISTRATION (UFA) AT 202-671-5133 BEFORE ENTERING.
   - SIX (6) FOOT TALL CHAIN LINK FENCING ON ALL SIDES.
   - INSTALL FENCING PRIOR TO AND MAINTAIN THROUGHOUT CONSTRUCTION, REMOVING ONLY AT THE END OF THE PROJECT.
   - FENCING SHALL PROTECT AN AREA NO SMALLER THAN FOUR (4) FEET BY NINE (9) FEET, CENTERED ON THE TREE, OR ENCLOSE MULTIPLE STREET TREES WHEN IN A CONTINUOUS, OPEN TREE PLANTING SPACE AND SITE ACCESS ALLOWS.
   - FENCING SHALL HAVE VERTICAL AND HORIZONTAL SUPPORT RAILINGS TO DECEASE FLEXIBILITY AND PREVENT SAGGING.
   - FENCE POSTS SHALL BE ANCHORED IN THE GROUND TO PREVENT MOVEMENT AND PROVIDE A SECURE BARRIER.
   - A MINIMUM OF TWO (2) DDOT/UFA STANDARD TREE PRESERVATION SIGNS SHALL BE MOUNTED ON THE FENCE OF EACH ENCLOSED TREE PROTECTION AREA.
2. NO INSTALLATION OF SILT FENCE/SUPER SILT FENCE, TRENCHING, ALTERATION OR DISTURBANCE TO EXISTING GRADE; STAGING/STORAGE OF CONSTRUCTION MATERIALS, EQUIPMENT, SOIL, OR DEBRIS; DISPOSAL OF ANY MATERIALS SUCH AS CONCRETE, GAS, OIL, PAINT, OR BLACKTOP IS ALLOWED WITHIN THE FENCED TREE PROTECTION ZONE.
3. EXCAVATIONS WITHIN THE DRIP LINE SHALL PROCEED WITH CARE BY USE OF HAND TOOLS. THE DRIPLINE IS DEFINED AS THE GROUND AREA UNDER THE CANOPY OF THE TREE.
4. NO ROOTS LARGER THAN TWO (2) INCHES IN DIAMETER ARE TO BE CUT WITHOUT UFA PERMISSION.
5. EXPOSED ROOTS TWO (2) INCHES AND LARGER IN DIAMETER SHALL BE WRAPPED IN BURLAP OR OTHER APPROVED MATERIAL AND KEPT MOIST AT ALL TIMES.
6. TREES THAT ARE PROTECTED ARE TO BE WATERED EVERY TEN (10) DAYS FROM APRIL THROUGH SEPTEMBER.
7. SECTION 608.07 - TREE PROTECTION AND 608.08 - TREE ROOT PROTECTION OF THE 2013 DISTRICT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES WILL APPLY SHOULD ANY DAMAGE OCCUR TO THE EXISTING STREET TREES.
8. ANY FINES RELATED TO DAMAGE TO A STREET TREE ON A JOB SITE SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER.
9. FOR ANY QUESTIONS, CALL DDOT URBAN FORESTRY ADMINISTRATION AT 202-671-5133.

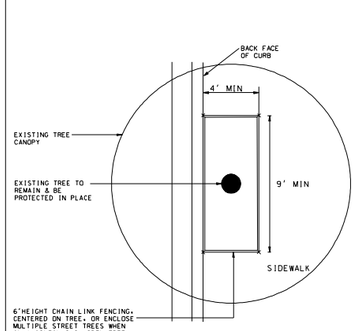
GENERAL NOTES:
1. SEE TREE PROTECTION FENCE - PLAN, DWG. NO.608.11

RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF TRANSPORTATION ENGINEER
DATE | APPR. | REVISED | ISSUED: | REFERENCE

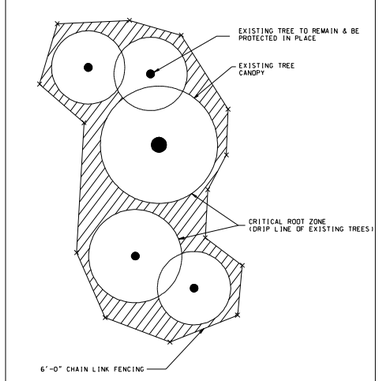
TREE PROTECTION FENCE - ELEVATION

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 608.10



TYPICAL STREET TREE PROTECTION



TYPICAL OPEN AREA TREE PROTECTION

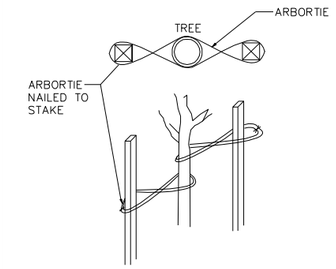
NOTES:
1. FOR STREET TREES (TREES PLANTED IN THE TREE PLANTING SPACE BETWEEN CURB AND SIDEWALK), REFER TO DETAIL ABOVE LABELED "TYPICAL STREET TREE PROTECTION" FOR TREES IN OPEN AREAS (PUBLIC PARKING BEHIND SIDEWALK OR PARK SPACE), REFER TO DETAIL ABOVE LABELED "TYPICAL OPEN AREA TREE PROTECTION".
2. SEE TREE PROTECTION FENCE-ELEVATION, DWG. NO. 608.10 FOR TREE PROTECTION NOTES.

RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF TRANSPORTATION ENGINEER
DATE | APPR. | REVISED | ISSUED: | REFERENCE

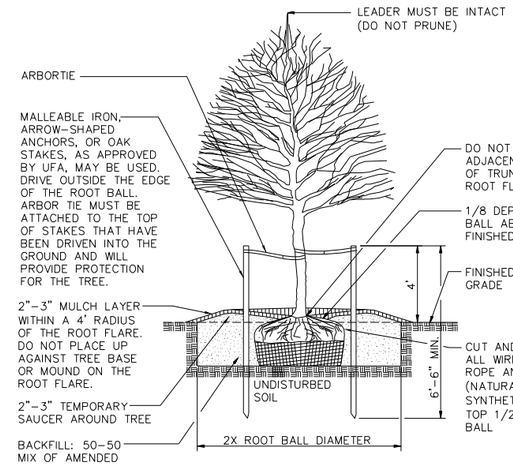
TREE PROTECTION FENCE - PLAN VIEW

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 608.11



STAKING DETAIL



DECIDUOUS TREE PLANTING W/ STAKES
(TREES 3 IN. CALIPER OR LESS)

NOTES:
1. TREE PLANTING SHALL COMPLY WITH THE CURRENT VERSION OF THE DISTRICT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES AND STANDARD DRAWINGS NO. 611.18 AND 611.19. DECIDUOUS TREES SHALL ONLY BE PLANTED BETWEEN OCTOBER 15 AND MAY 1 AS PER THE SPRING AND FALL PLANTING SEASON DATES.
2. PEAT MOSS IS NOT ALLOWED FOR USE AS A SOIL AMENDMENT.
3. TREE STAKING SHALL BE AS PER SECTION 608.02 (2013 DDOT STANDARD SPECIFICATIONS.) ONLY 2 STAKES SHALL BE INSTALLED WITH ARBOR TIES.
4. ALL STAKING MATERIALS TO BE REMOVED AT THE END OF THE PLANT ESTABLISHMENT PERIOD.
5. DO NOT PLANT GRASS/SOD WITHIN 4 FT. OF THE ROOT FLARE OF A TREE. FINISH THIS AREA OFF WITH A 2"-3" LAYER OF MULCH, BUT DO NOT PLACE UP AGAINST OR MOUND AROUND ROOT FLARE.
6. CONTRACTOR SHALL CONTACT JOHN O'NEILL AT JOHN.ONEILL@DC.GOV OR DUFF MCCULLY AT DUFF.MCCULLY@DC.GOV WHEN THE TREES ARE READY TO BE PLANTED, PROVIDING AT LEAST 48 HOURS' NOTICE.

RECOMMENDED: DEPUTY CHIEF ENGINEER
APPROVED: CHIEF TRANSPORTATION ENGINEER
DATE | APPR. | REVISED | ISSUED: | REFERENCE

STANDARD PLANTING DETAILS DECIDUOUS TREE
(MODIFIED)

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 608.03

NOTES:

1.) DDOT STANDARD SPECIFICATIONS 608 TREES, SHRUBS, VINES AND GROUND COVER, SECTION 608.02, C.14 CALLS FOR A 2-YEAR WARRANTY. WEEKLY WATERING SHALL BE PART OF THE CONTRACTOR'S STANDARD WARRANTY.
***ACCOMMODATIONS SHOULD BE MADE IN THE CONTRACT TO ENSURE THERE IS CONSTRUCTION MANAGEMENT FOR THIS.
1.) ALL TREES ON SLOPES GREATER THAN 3:1 SHALL CONFORM TO DDOT DWG. NO. 608.05 TREE ON SLOPE PLANTING DETAIL.

LD-41

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 285 OF 576

LANDSCAPE DETAILS

DISTRICT OF COLUMBIA — BENJAMIN R. ALLISON — PE905849 — 03/12/2026 — CIVIL — PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	286	576

MAINTENANCE OF TRAFFIC GENERAL NOTES

UNLESS OTHERWISE APPROVED OR DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL PLAN AND PROSECUTE THE WORK IN ACCORDANCE WITH THE FOLLOWING:

1. THE PROJECT IS DIVIDED INTO MULTIPLE STAGES OF CONSTRUCTION. UPON BEGINNING WORK ON ANY STAGE, THE WORK IN THAT STAGE SHALL BE CARRIED THROUGH TO COMPLETION WITHOUT INTERRUPTION UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL HAVE THE OPTION OF PROPOSING TO THE ENGINEER FOR APPROVAL. AN ALTERNATIVE TO THE SPECIFIED SEQUENCE OF CONSTRUCTION.

2. ACCESS TO ADJOINING PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. STAGED CONSTRUCTION SHALL BE USED TO CONSTRUCT CONNECTING SIDE ROADS UNLESS OTHERWISE NOTED.

3. THE CONTRACTOR SHALL PLAN AND PROSECUTE THE WORK IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:
   a. DDOT WORK ZONE TEMPORARY TRAFFIC CONTROL MANUAL, 2006 EDITION
   b. DDOT PEDESTRIAN SAFETY AND WORK ZONE STANDARDS–COVERED AND OPEN WALKWAYS–SEPT 2010
   c. FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 EDITION, REV. MAY 2012
   d. DDOT STANDARDS AND SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES DATED 2013

4. TWO–WAY TRAFFIC IS TO BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE NOTED ON THESE PLANS. FLAGGING OPERATIONS MAY BE REQUIRED FOR CERTAIN TASKS; THE EMPLOYMENT OF FLAGGING SHALL BE CARRIED OUT PER THE DDOT WORK ZONE TEMPORARY TRAFFIC CONTROL MANUAL, SECTION 6 FLAGGER CONTROL, AND AS DIRECTED BY THE ENGINEER.

5. EQUIPMENT AND VEHICLES PARKED ON THE CONSTRUCTION SITE SHALL NOT IMPEDE TRAFFIC FLOW OR OBSTRUCT SIGHT DISTANCE.

6. A MINIMUM OF ELEVEN (11') FEET WIDE LANES SHALL BE MAINTAINED ON ALL ROADS UNLESS OTHERWISE NOTED.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL UTILITY AND STORM DRAINAGE WORK THROUGHOUT THE PROJECT.

8. THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE TO PREVENT PONDING OF WATER ON THE ROADWAY AND ADJACENT PROPERTIES. ANY TEMPORARY DRAINAGE STRUCTURES INSTALLED ON THE PROJECT ARE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL ENSURE THAT APPROPRIATE ADVANCE WORK ZONE WARNING SIGNS ARE INSTALLED AT EACH APPROACH TO THE PROJECT ALONG ROADWAY WHERE CONSTRUCTION TAKES PLACE. SIGNS SHALL BE ERECTED PER SECTION 7 OF THE DDOT WORK ZONE TEMPORARY TRAFFIC CONTROL MANUAL.

9. TEMPORARY CONSTRUCTION SIGNAGE SHALL BE SITUATED TO NOT OBSTRUCT TRAFFIC CONTROL DEVICES.

10. EXISTING SIGNS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION, UNLESS OTHERWISE DIRECTED IN SEQUENCE OF CONSTRUCTION.

11. TEMPORARY DIRECTIONAL AND ADVANCED DIRECTIONAL SIGNS SHALL BE INSTALLED ON ALL ROUTES AND ENTRANCES TO ADJACENT PROPERTIES THAT ARE IMPACTED BY TRAFFIC PATTERN CHANGES AND/OR ALIGNMENT SHIFTS.

12. WORK ZONE SPEED REDUCTIONS OF GREATER THAN 15 MPH FROM THE EXISTING POSTED SPEED LIMIT SHALL BE DONE INCREMENTALLY SUCH THAT NO SINGLE STEP OF SPEED REDUCTION EXCEEDS A 15 MPH DROP. TRANSITION ZONES AND TAPER RATES SHALL ADHERE TO THE DDOT WORK ZONE TEMPORARY TRAFFIC CONTROL MANUAL.

13. ALL CONSTRUCTION AREAS EXCAVATED 3" INCHES BELOW THE EXISTING PAVEMENT AND WITHIN THE CLEAR ZONE, AT THE END OF EACH WORK DAY, THE EXCAVATED DROP–OFF SHALL BE BACKFILLED TO FORM AN APPROXIMATE 6:1 WEDGE AGAINST THE EXISTING PAVEMENT SURFACE FOR THE SAFETY AND PROTECTION OF VEHICULAR TRAFFIC.

14. TRAFFIC CONTROL CONES OR DRUMS SHALL HAVE A MINIMUM HEIGHT OF 36" INCHES SHALL BE USED AT ALL TRANSITIONS AND WORK ZONES. TRAFFIC CONTROL DRUMS USED DURING NIGHTTIME HOURS SHALL HAVE APPROVED REFLECTIVE SLEEVES AND OPERATIVE FLASHING LIGHTS MOUNTED ON THE DRUMS.

15. FOR ALLOWABLE LANE CLOSURE HOURS AND WORK RESTRICTION DATES, THE CONTRACTOR SHALL REFER TO THE DDOT STANDARDS AND SPECIFICATIONS HIGHWAYS AND STRUCTURES, DATED 2013.

16. PEDESTRIAN DETOURS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION IN ACCORDANCE WITH THE DDOT PEDESTRIAN SAFETY AND WORK ZONE STANDARDS.

17. THE CONTRACTOR SHALL NOTIFY JAMIE CEPLER OF WMATA AT 202–962–6085 A MINIMUM OF 30 DAYS IN ADVANCE OF ANY CONSTRUCTION OR ROAD CLOSURE TO COORDINATE BUS ROUTE, SCHEDULE ADJUSTMENTS, AND BUS STOP CLOSURE.

SEQUENCE OF CONSTRUCTION

STAGE 1 – DC VILLAGE LANE, BLUE PLAINS DRIVE, & SHEPHERD PARKWAY PHASES 1 THRU 3

1. INSTALL ALL NECESSARY TRAFFIC CONTROL DEVICES.
2. INSTALL EROSION AND SEDIMENTATION CONTROL MEASURES.
3. REMOVE AND TEMPORARILY RELOCATE EXISTING SIGNS.
4. INSTALL NEW SIGNS AND PAVEMENT MARKINGS.
5. REMOVE EXISTING CONCRETE SIDEWALK, EXISTING GUARDRAIL AND EXISTING CURB AND GUTTER.
6. CONSTRUCT NEW CURB AND GUTTER AND ADA COMPLIANT RAMPS AT INTERSECTIONS AS SHOWN.
7. SAWCUT EXISTING ASPHALT PAVEMENT, DEMOLISH AND REMOVE ASPHALT PAVEMENT.
8. CONSTRUCT NEW 10' WIDE ASPHALT MULTI–PURPOSE TRAIL AND CYCLE TRACK BARRIER.

STAGE 2 – LABORATORY ROAD
PHASE 1 – FOR EASTBOUND CONSTRUCTION
PHASE 2 – FOR WESTBOUND CONSTRUCTION

1. ADJUST CONSTRUCTION SIGNS AS SHOWN IN PLANS.
2. INSTALL EROSION AND SEDIMENTATION CONTROL MEASURES.
3. REMOVE EXISTING CURB & GUTTER, CONCRETE SIDEWALK, DRAINAGE (CURB INLET) STRUCTURE, AND GUARDRAIL FOR EASTBOUND ONLY.
4. SAWCUT EXISTING ASPHALT PAVEMENT ALONG OUTSIDE EDGE OF NEW GUTTER PAN, DEMOLISH AND REMOVE ASPHALT PAVEMENT.
5. INSTALL NEW DRAINAGE STRUCTURES.
6. INSTALL NEW SIGNS AND PAVEMENT MARKINGS.
7. CONSTRUCT NEW CURB AND GUTTER, 10' WIDE ASPHALT MULTI–PURPOSE TRAIL AND ADA COMPLIANT RAMPS.
8. INSTALL HOT–MIX ASPHALT (HMA) PAVEMENT STRUCTURE AND SUBGRADE MATERIAL FROM PAVEMENT SAWCUT LINE TO NEWLY CONSTRUCTED CURB AND GUTTER LINE.

STAGE 2 – OVERLOOK AVENUE
PHASE 1 – FROM BEGINNING TO STA. 107+25 NORTHBOUND

1. INSTALL ALL NECESSARY TRAFFIC CONTROL DEVICES.
2. INSTALL EROSION AND SEDIMENTATION CONTROL MEASURES.
3. REMOVE AND TEMPORARILY RELOCATE EXISTING SIGNS.
4. REMOVE EXISTING CONCRETE SIDEWALK AND CHAIN LINK FENCE.
5. INSTALL NEW SIGNS AND PAVEMENT MARKINGS.
6. CONSTRUCT NEW 10' WIDE ASPHALT MULTI–PURPOSE TRAIL AND ADA COMPLIANT RAMPS ON EAST SIDE OF OVERLOOK AVENUE SW.

PHASE 2 – FROM STA. 107+25 TO SOUTH OF ENTRANCE ON SOUTHBOUND

1. INSTALL ALL NECESSARY TRAFFIC CONTROL DEVICES.
2. REMOVE AND RELOCATE EXISTING SIGNS.
3. INSTALL NEW SIGNS AND PAVEMENT MARKINGS.
4. REMOVE EXISTING CURB AND GUTTER, AND CONCRETE SIDEWALK.
5. SAWCUT EXISTING ASPHALT PAVEMENT ALONG OUTSIDE EDGE OF NEW GUTTER PAN, DEMOLISH AND REMOVE ASPHALT PAVEMENT.
6. CONSTRUCT NEW CURB AND GUTTER, 10' WIDE ASPHALT MULTI–PURPOSE TRAIL AND ADA COMPLIANT RAMPS.

PHASE 2 – NORTH OF ENTRANCE TO STA. 108+00 ON SOUTHBOUND

1. INSTALL ALL NECESSARY TRAFFIC CONTROL DEVICES.
2. REMOVE AND RELOCATE EXISTING SIGNS.
3. INSTALL NEW SIGNS AND PAVEMENT MARKINGS.
4. REMOVE EXISTING CURB AND GUTTER, AND CONCRETE SIDEWALK.
5. SAWCUT EXISTING ASPHALT PAVEMENT ALONG OUTSIDE EDGE OF NEW GUTTER PAN, DEMOLISH AND REMOVE ASPHALT PAVEMENT.
6. CONSTRUCT NEW CURB AND GUTTER, 10' WIDE ASPHALT MULTI–PURPOSE TRAIL AND ADA COMPLIANT RAMPS.

PHASE 2 – STA. 108+00 TO SOUTH OF MAGAZINE ROAD

1. INSTALL ALL NECESSARY TRAFFIC CONTROL DEVICES.
2. REMOVE AND RELOCATE EXISTING SIGNS.
3. SHIFT LANE AND PROVIDE A MINIMUM 10' WIDE CONSTRUCTION STAGING AREA ADJACENT.
4. MAINTAIN TWO–LANE/TWO–WAY TRAFFIC DURING CONSTRUCTION ACTIVITIES AND AT ALL TIMES.
5. TEMPORARY TRAFFIC CONTROL CHANNELIZING DEVICES SHALL BE REMOVED AND EXISTING TRAVEL LANES RETURNED TO NORMAL CONDITIONS DURING NON–WORKING PERIODS.
6. TEMPORARY TRAFFIC CONTROL SIGN AGE SHALL BE COMPLETELY COVERED OR REMOVED WHEN MESSAGE DOES NOT APPLY DURING NON–WORKING PERIODS.
7. EXISTING CONCRETE CURB AND GUTTER TO REMAIN.
8. REMOVE EXISTING CONCRETE SIDEWALK.
9. CONSTRUCT NEW 10' WIDE ASPHALT MULTI–PURPOSE TRAIL AND ADA COMPLIANT RAMPS ON EAST SIDE OF OVERLOOK AVENUE SW.
10. ADJUST ALL EXISTING UTILITIES.
11. INSTALL NEW SIGNS AND PAVEMENT MARKINGS.

PHASE 2 – NORTH OF MAGAZINE ROAD TO CHAPPIE JAMES BOULEVARD AND OVERLOOK AVENUE INTERSECTION (PHASE 1)

1. INSTALL ALL NECESSARY TRAFFIC CONTROL DEVICES.
2. REMOVE AND RELOCATE EXISTING SIGNS.
3. REMOVE EXISTING CURB AND GUTTER AND CONCRETE SIDEWALK.
4. SAWCUT EXISTING ASPHALT PAVEMENT ALONG OUTSIDE EDGE OF EXISTING RAISED ISLAND TO FORM A UNIFORM PAVEMENT EDGE.
5. REMOVE SECTION OF ISLAND AND ADJUSTTRAVEL LANE.
6. CONSTRUCT NEW CURB AND GUTTER, 10' WIDE ASPHALT MULTI–PURPOSE TRAIL AND ADA COMPLIANT RAMPS.
7. CONSTRUCT CONCRETE RAISED MEDIAN, 10' CONCRETE SIDEWALK
8. INSTALL NEW SIGNS AND PAVEMENT MARKINGS.
9. INSTALL HOT–MIX ASPHALT (HMA) PAVEMENT STRUCTURE AND SUBGRADE MATERIAL FROM PAVEMENT SAWCUT LINE TO NEWLY CONSTRUCTED CONCRETE RAISED MEDIAN.
10. MILL AND OVERLAY EXISTING PAVEMENT.

PHASE 2 – OVERLOOK AVENUE (INTERIOR LANE CLOSURE) INTERSECTION (PHASE 2)

1. INSTALL ALL NECESSARY TRAFFIC CONTROL DEVICES.
2. REMOVE EXISTING CONCRETE RAISED MEDIAN.
3. SAWCUT EXISTING ASPHALT PAVEMENT ALONG OUTSIDE EDGE OF EXISTING RAISED MEDIAN TO FORM A UNIFORM PAVEMENT EDGE.
4. CONSTRUCT CONCRETE RAISED MEDIAN.
5. INSTALL HOT–MIX ASPHALT (HMA) PAVEMENT STRUCTURE AND SUBGRADE MATERIAL FROM PAVEMENT SAWCUT LINE TO NEWLY CONSTRUCTED CONCRETE RAISED MEDIAN.
6. MILL AND OVERLAY EXISTING PAVEMENT.

PHASES 3 & 4 – CHAPPIE JAMES BOULEVARD TO SOUTH OF MALCOLM X AVENUE AND INTERSECTION (PHASES 3 & 4)

1. INSTALL TRAFFIC CONTROL DEVICES AND DETOUR.
2. REMOVE AND RELOCATE EXISTING SIGNS.
3. INSTALL NEW SIGNS AND PAVEMENT MARKINGS.
4. RELOCATE UTILITIES.
5. REMOVE EXISTING CURB AND GUTTER AND CONCRETE SIDEWALK.
6. SAWCUT EXISTING ASPHALT PAVEMENT ALONG OUTSIDE EDGE OF NEW GUTTER PAN, DEMOLISH AND REMOVE ASPHALT PAVEMENT.
7. CONSTRUCT NEW CURB AND GUTTER, 10' WIDE ASPHALT MULTI–PURPOSE TRAIL AND ADA COMPLIANT RAMPS, NEW DRAINAGE STRUCTURES, NEW BRICK SECURITY WALL.
8. INSTALL HOT–MIX ASPHALT (HMA) PAVEMENT STRUCTURE AND SUBGRADE MATERIAL FROM PAVEMENT SAWCUT LINE TO NEWLY CONSTRUCTED CURB AND GUTTER LINE.

STAGE 3
PHASES 1 & 2 – SOUTH OF MALCOLM X AVENUE TO STA. 195+50 AND INTERSECTION (PHASES 1 THRU 4)

1. REMOVE AND RELOCATE EXISTING SIGNS.
2. INSTALL NEW SIGNS AND PAVEMENT MARKINGS.
3. REMOVE EXISTING CURB AND GUTTER AND CONCRETE SIDEWALK.
4. SAWCUT EXISTING ASPHALT PAVEMENT ALONG OUTSIDE EDGE OF NEW GUTTER PAN, DEMOLISH AND REMOVE ASPHALT PAVEMENT.
5. INSTALL NEW DRAINAGE STRUCTURES, NEW BRICK SECURITY WALL.
6. CONSTRUCT NEW CURB AND GUTTER, 10' WIDE ASPHALT MULTI–PURPOSE TRAIL AND ADA COMPLIANT RAMPS.
7. INSTALL HOT–MIX ASPHALT (HMA) PAVEMENT STRUCTURE AND SUBGRADE MATERIAL FROM PAVEMENT SAWCUT LINE TO NEWLY CONSTRUCTED CURB AND GUTTER LINE.

PHASES 3 – STATION 195+50 TO END OF PROJECT

1. REMOVE AND RELOCATE EXISTING SIGNS.
2. INSTALL NEW SIGNS AND PAVEMENT MARKINGS.
3. CONSTRUCT 10' WIDE ASPHALT MULTI–PURPOSE TRAIL.
4. INSTALL NEW HARDENED CHAIN LINK FENCE, NEW DRAINAGE STRUCTURES, NEW CURB AND GUTTER, BRICK RETAINING WALL, NEW OSC POLE AS SHOWN ON PLANS.
5. ADJUST LOCATION OF UTILITIES.

TEMPORARY TRAFFIC CONTROL

1. TEMPORARY TRAFFIC CONTROL PLANS (TTCP) TO BE PROVIDED IN CONSTRUCTION PLANS.
2. TTCP SHALL BE IN ACCORDANCE WITH DDOT TEMPORARY TRAFFIC CONTROL MANUAL, 2006 EDITION.
3. ONE LANE CLOSURES SHALL BE ACCORDANCE WITH FIGURE 9–1.
4. MAINTAIN TWO WAY TRAFFIC THROUGH ALL INTERSECTIONS PER FIGURE 9–14

MT–0

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pMT-P000_SCSTr-all.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC PLAN GENERAL NOTES AND SEQUENCE OF CONSTRUCTION

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

DATE
FILE
SHEET 286 OF 576

TRANSPORTATION MANAGEMENT PLAN (TMP)

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	287	576

TRANSPORTATION OPERATIONS PLAN

UNLESS OTHERWISE APPROVED OR DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL PLAN AND PROSECUTE THE WORK IN ACCORDANCE WITH THE FOLLOWING:

A. THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING:
1. POSTING A LSIT OF LOCAL EMERGENCY RESPONSE AGENCIES INSIDE THE PROJECT'S CONSTRUCTION OFFICE/TRAILER.
2. EMERGENCY INCIDENT MANAGEMENT PLAN AND EQUIPMENT/MATERIALS TO IMPELEMENT THE PLAN (PRE-STAGED AS NEEDED).
3. DDOT RETAINS SNOW REMOVAL RESPONSIBILITY. HOWEVER, DDOT REQUESTS CONTRACTOR'S ASSISTANCE IN CLEARING THE ROADWAY TO PROVIDE AN UNIMPEDED WORKZONE.
4. DDOT RETAINS MAINTENANCE RESPOSIBILITY. HOWEVER, DDOT REQUESTS CONTRACTOR'S ASSISTANCE IN PERFORMING ROUTINE MAINTENANCE WITHIN THE PROJECT AREA. COORDINATE WITH DDOT TRAFFIC OPERATIONS ADMINISTRATION (TOA) TRANSPORTATION SYSTEMS MAINTENANCE DIVISION, ON REGULAR MAINTENANCE ITEMS SUCH AS: REMOVING DEBRIS (INCLUDING ANIMAL CARCASSES) FROM THE ROADWAY, MOWING, LANDSCAPING, ROADWAY REPAIR, ASSET REPAIR, AND OTHER SIMILAR MAINTENANCE ACTIVITIES.

B. LANE CLOSURES SHALL COMPLY WITH THE FOLLOWING:
1. FAILURE TO COMPLY WITH THE WORK HOURS SHALL RESULT IN CONSEQUENCES AS NOTED IN THE ALLOWABLE LANE CLOSURE SCHEDULE.
2. ALL LANE CLOSURES SHALL BE SUBMITTED TO AND APPROVED BY DDOT.
3. THE CONTRATOR IS RESPONSIBLE FOR PROVIDING ADVANCE NOTIFICATION OF LANE CLOSURES AND SIGNAGE IN COMPLIANCE WITH THE DDOT TEMPORARY TRAFFIC CONTROL MANUAL.

C. THE PROCESS TO NOTIFY THE DDOT TRAFFIC OPERATIONS ADMINISTRATION (TOA) TRANSPORTATION OPERATIONS DIVISION TO PLACE LANE CLOSURE INFORMATION ON THE TRAFFIC MANAGEMENT CENTER (TMC) SYSTEM WILL BE
1. CONTRACTOR TO ADVISE THE PROEJCT INSPECTOR OF PLANNED LANE CLOSURES A MINIMUM OF SEVEN (7) CALENDAR DAYS IN ADVANCE OF THE PROPOSED LANE CLOSURE.
2. THE PROJECT INSPECTOR SHALL CALL THE TOA-TRANSPORTATION OPERATIONS DIVISION, TRANSPORTATION MANAGEMENT CENTER. A STAFF MEMBER WILL ENTER THE DATA INTO THE TRAFFIC MANAGEMENT CENTER SYSTEM.

D. TRAFFIC CONGESTION NOTIFICATION:
THE TOA-TRANSPORTATION OPERATIONS DIVISION SHALL BE NOTIFIED OF MAJOR TRAFFIC CONGESTION RELATED TO THE WORK BY THE CONTRACTOR. THE TOA WILL MAKE ALL ENTRIES INTO THE SYSTEMS THAT FEED THIS INFORMATION TO THE TRAFFIC MANAGEMENT CENTER. THE TOA WILL ALSO MAKE NOTIFICATIONS TO DDOT STAFF. THE STAFF NOTIFICATIONS OF ANY INCIDENTS AND EXPECTED TRAFFIC DELAYS SHALL INCLUDE BUT NOT BE LIMITED TO THE CONSTRUCTION ENGINEER, PROJECT MANAGERS, TRAFFIC ENGINEER, TRAFFIC OPERATIONS MANAGER, INCIDENT MANAGEMENT COORDINATOR AND PUBLIC AFFAIRS MANAGER.

E. ACTIVITY AREA REVIEWS:
TEMPORARY TRAFFIC CONTROL INTALLATIONS SHALL BE REVIEWED DAILY TO ENSURE THE FUNTIONALITY OF THE TEMPORARY TRAFFIC CONTROL DEVICES AND COMPLIANCE TO THE DDOT WORK ZONE TEMPORARY TRAFFIC CONTROL MANUAL, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE TRAFFIC CONTROL PLANS. THESE REVIEWS SHALL BE DOCUMENTED ON A WEEKLY BASIS AT A MINIMUM. TEMPORARY TRAFFIC CONTROL INSTALLATION REVIEWS SHALL TAKE PLACE DURING BOTH DAYTIME AND NIGHTIME WORK HOURS. THE CONTRACTOR'S WORK ZONE SAFETY COORDINATOR SHALL BE PRESENT AT THE WEEKLY DOCUMENTED REVIEWS.

ALLOWABLE CLOSURE SCHEDULE

A. DDOT OFFICIALS AND OTHER PROJECT STAKEHOLDERS (INCLUDING BUT NOT LIMITED TO REGIONAL HOSPITALS, LOCALITIES, AND EMERGENCY RESPONDERS) SHALL BE NOTIFIED PRIOR TO TRAFFIC SWITCHES AND OVERNIGHT LANE CLOSURES.

B. FAILURE TO REMOVE LANE CLOSURES WITHIN THE HOURS OUTLINED BELOW MAY RESULT IN FINES CHARGED TO THE CONTRACTOR AT DDOT'S DISCRETION. CALCULATION METHODOLOGY AND RATES ARE AS OUTLINED IN THE CONTRACT SPECIAL PROVISIONS.

C. ALLOWABLE LANE CLOSURE HOURS ARE AS OUTLINED BELOW OR AS APPROVED BY DDOT.

SOUTH CAPITOL STREET SW
SINGLE LANE CLOSURE:
MONDAY THROUGH FRIDAY - 9:30 AM TO 3:30 PM
- 10:00 PM TO 5:00 AM (NEXT DAY)
SATURDAY AND SUNDAY - 9:30 AM TO 3:30 PM
- 10:00 PM TO 5:00 AM (NEXT DAY)

OVERLOOK AVENUE SW, LABORATORY ROAD SW, SHEPHERD PARKWAY SW, BLUE PLAINS DRIVE SW & DC VILLAGE LANE SW
SINGLE LANE CLOSURE:
MONDAY THROUGH FRIDAY - 9:30 AM TO 3:30 PM
- 10:00 PM TO 5:00 AM (NEXT DAY)
SATURDAY AND SUNDAY - 9:30 AM TO 3:30 PM
- 10:00 PM TO 5:00 AM (NEXT DAY)

MAINTAIN MINIMUM 11 FT LANE ALL OTHER TIMES.
LANE CLOSURES WILL NOT BE PERMITTED DURING THE FOLLOWING DAYS AND EVENTS:
- NEW YEAR'S DAY, TO INCLUDE THE DAY PRECEEDING AND DAY FOLLOWING
- INAUGURATION DAY
- MARTIN LUTHER KING JR. DAY
- PRESIDENT'S DAY
- EASTER SUNDAY, TO INCLUDE THE PRECEEDING FRIDAY AND FOLLOWING MONDAY
- MEMORIAL DAY, TO INCLUDE THE PRECEEDING FRIDAY AND FOLLOWING TUESDAY
- INDEPENDENCE DAY, TO INCLUDE THE PRECEEDING AND FOLLOWING DAY
- LABOR DAY, TO INCLUDE THE PRECEEDING FRIDAY AND FOLLOWING TUESDAY
- COLUMBUS DAY
- VETERANS DAY
- THANKSGIVING DAY, TO INCLUDE THE PRECEEDING WEDNESDAY AND FOLLOWING FRIDAY AND MONDAY
- CHRISTMAS DAY, TO INCLUDE THE DAY PRECEEDING AND FOLLOWING

REFER TO SECTION 101.03 OF THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES 2013, FOR THE DEFINITION OF OBSERVANCES OF LEGAL HOLIDAYS.

INCIDENT MANAGEMENT PLAN

THE FOLLOWING PROCEDURE SHALL BE USED TO RESPOND TO TRAFFIC INCIDENTS THAT MAY OCCUR WITHIN THE WORK ZONE:

A. CONTRACTOR TO NOTIFY THE METROPOLITAN POLICE DEPARTMENT AND INSPECTOR IN CHARGE.
B. DEPENDING ON THE SEVERITY OF THE INCIDENT, CONTRACTOR MAY HAVE TO SHUT DOWN THE WORK ZONE.
C. UPON ARRIVAL ON SCENE, THE METROPOLITAN POLICE DEPARTMENT WILL DETERMINE RESPONSE NECESSARY TO ALLOW TRAVELLING PUBLIC AROUND INCIDENT.
D. THE INSPECTOR IS TO NOTIFY THE CONSTRUCTION ENGINEER OF AN INCIDENT. THE INSPECTOR IS TO COMPLETE AN ACCIDENT REPORT TO INCLUDE SKETCHES AND PHOTOS, AS NECESSARY, OF THE CONTRACTOR'S WORK ZONE.
E. THE METROPOLITAN POLICE DEPARTMENT WILL TAKE CONTROL OF THE INCIDENT AND DIRECT ITS CLEARING AND RESTORATION TO NORMAL TRAFFIC CONDITIONS.
F. THE METROPOLITAN POLICE DEPARTMENT REPORT OF THE INCIDENT WILL BE REVIEWED BY THE CONSTRUCTION ENGINEER OR THE PROJECT ENGINEER TO DETERMINE IF ANY MODIFICATION OF THE TEMPORARY TRAFFIC CONTROL PLAN IS NECESSARY. IF IT IS DETERMINED THAT IT IS NECESSARY TO ALTER THE PLAN, A MEETING WILL BE CALLED WITH THE CONTRACTOR, DDOT PROJECT PERSONNEL, DDOT TRAFFIC SAFETY REPRESENTATIVES, AND THE METROPOLITAN POLICE DEPARTMENT (IF NECESSARY) TO DISCUSS MODIFICATION AND IMPLEMENTATION OF AN APPROVED TRAFFIC CONTROL PLAN.

PUBLIC INFORMATION STRATEGIES

A. THE CONTRACTOR SHALL HOLD AN OPEN-HOUSE PUBLIC INFORMATION MEETING NO LESS THAN FOURTEEN (14) DAYS PRIOR TO CONSTRUCTION COMMENCING AND SHALL NOTIFY THE PUBLIC OF THE SCHEDULED ROADWAY AND SIDEWALK DETOURS TO BE PUT IN PLACE DURING CONSTRUCTION ACTIVITIES.
B. THE CONTRACTOR SHALL ERECT STATIC "CONSTRUCTION WILL START ON XXX, CONSIDER ALTERNATE ROUTES" ADJACENT TO MOTORIZED ROADWAYS SOON AFTER NOTICE TO PROCEED.
C. PUBLIC TRANSPORTATION THE MOT PLANS SHOW BUS STOP LOCATIONS AFFECTED BY LANE CLOSURES. THESE AND OTHER SIMILARLY AFFECTED LOCATIONS MUST BE MONITORED BY THE CONTRACTOR TO MINIMIZE PUBLIC INCONVENIENCE AND ENSURE FULL ACCESSIBILITY. WHILE ALL BUS ROUTES ARE MAINTAINED, THEY ALSO MUST BE MONITORED TO ENSURE SCHEDULE VIABILITY. THE CONTRACTOR SHALL PROVIDE ADEQUATE SPACE FOR PASSENGERS WAITING FOR THE BUS AT THE BUS STOPS, SAFELY BOARDING AND DISEMBARKING FROM BUSES.
D. COMMUNITY ACCESSIBILITY - RESIDENTS AND BUSINESSES AFFECTED BY DRIVEWAY ACCESS RESULTING FROM TEMPORARY CLOSURE SHALL BE ADVISED IN WRITING BY THE CONTRACTOR TO PARK THEIR VEHICLES IN NEARBY PARKING ZONES.
E. NON-MOTORIZED ASSESSMENT TEMPORARY CROSSWALKS AND ALL OTHER AFFECTED CROSSWALKS AND SIDEWALKS, AS SHOWN IN THE MOT PLANS, MUST BE MONITORED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION FOR SAFETY AND FULL ACCESSIBILITY. ALL PEDESTRIAN TEMPORARY PROVISIONS MUST COMPLY WITH ADA AND OTHER DISTRICT REQUIREMENTS.

TMP TEAM – ROLES & RESPONSIBILITIES

TMP DEVELOPMENT MANAGERS
THE TMP DEVELOPMENT MANAGERS ARE RESPONSIBLE FOR THE DEVELOPMENT OF THE PROJECT TRANSPORTATION MANAGEMENT PLAN, INCLUDING INITIAL ASSESSMENT OF WORK ZONE IMPACTS AND CONDUCTION OF ANALYSES TO SELECT THE NECESSARY MANAGEMENT STRATEGIES THAT WILL MITIGATE IMPACTS OF CONSTRUCTION. THE TMP DEVELOPMENT MANAGERS ARE RESPONSIBLE FOR PROVIDING LANE CLOSURE SCHEDULES AND RESTRICTIONS, AND THE TRAFFIC CONTROL AND STAGING PLANS. THESE ITEMS ARE PROVIDED ON SHEETS MT-01 THRU MT-XX OF THIS PLAN SET.

PROGRAM MANAGER (DDOT)	NAME: RAVI GANVIR PHONE: (202) 671-4689 EMAIL: RAVINDRA.GANVIR@DC.GOV
PROJECT MANAGER (DDOT)	NAME: KYLE OHLSON PHONE: (202) 359-0799 EMAIL: KYLE.OHLSON@DC.GOV

TMP IMPLEMENTATION/MONITORING MANAGERS
PRIMARY RESPONSIBILITIES INCLUDE OVERSIGHT OF THE IMPLEMENTATION AND MONITORING OF THE DEVELOPED TMP. COORDINATE WITH THE TMP IMPLEMENTATION TASK LEADERS, EMERGENCY SERVICES, AND ADDITIONAL STAKEHOLDERS. PERIODIC EVALUATIONS WILL BE PERFORMED OF THE CONSTRUCTION SAFETY CONDITIONS AND TRAFFIC OPERATIONS. THE DDOT RESIDENT ENGINEER IS REQUIRED TO PREPARE A POST PROJECT EVALUATION REPORT WITH INPUT FROM OTHER IMPLEMENTATION/MONITORING MANAGERS.

RESIDENT ENGINEER (DDOT)	NAME: TBD AFTER CONTRACT AWARD PHONE: TBD EMAIL: TBD
CONTRACTOR TRAFFIC/ TMP COORDINATOR (CONTRACTOR)	NAME: TBD AFTER CONTRACT AWARD PHONE: TBD EMAIL: TBD
TMP MANAGER/ MONITORING (DDOT)	NAME: TBD AFTER CONTRACT AWARD PHONE: TBD EMAIL: TBD

TMP IMPLEMENTATION TASK LEADERS
RESPONSIBLE FOR MANAGING, EXECUTING, AND OVERSEEING OR ASSISTING IN SPECIFIC TRANSPORTATION MANAGEMENT TASKS, AND COORDINATING WITH THE TMP IMPLEMENTATION/MONITORING MANAGERS. CONDUCT PERIODIC INSPECTIONS AND SITE VISITS DURING CONSTRUCTION TO ASSESS EFFECTIVENESS OF STAGING PLANS AND TMP STRATEGIES. CONDUCT PERIODIC REVIEW AND EVALUATION OF BOTH TRAFFIC OPERATIONS AND SAFETY CONDITIONS DURING CONSTRUCTION, IN COORDINATION WITH TMP MANAGEMENT PERSONNEL.

PRESS OFFICER (DDOT)	NAME: GERMAN VIGIL PHONE: EMAIL: GERMAN.VIGIL@DC.GOV
COMMUNITY & CONSTITUENT RELATIONS MANAGER (DDOT)	NAME: ALBERTA PAUL PHONE: (202) 671-4667 EMAIL: ALBERTA.PAUL@DC.GOV
TMP MONITORING (DDOT)	NAME: ELIJAH ROBINSON PHONE: (202) 671-4596 EMAIL: ELIJAH.ROBINSON@DC.GOV

TMP STAKEHOLDER CONTACTS
TMP STAKEHOLDERS MUST BE COORDINATED WITH AND KEPT INFORMED OF THE PROJECT IN ADVANCE OF AND THROUGHOUT CONSTRUCTION. THIS INCLUDES BUT IS NOT LIMITED TO LOCAL OFFICIALS, ORGANIZATIONS, SCHOOLS, HOSPITALS, BUSINESSES, AND RESIDENTS. TMP STAKEHOLDERS MUST BE CONSULTED IN ORDER TO KEEP THEM INFORMED AND TO SEEK THEIR INPUT ON AND KNOWLEDGE OF LOCAL/REGIONAL ISSUES, AND TO IMPROVE INTERAGENCY COORDINATION AND RESPONSE TO WORK ZONE ISSUES.

THE CONTRACTOR SHALL COORDINATE WITH WMATA REGARDING THE PROBABLE IMPACT OF THIS CONSTRUCTION UPON METRO BUS STOPS WITHIN THE VICINITY. THE CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH THE APPROPRIATE WMATA/MTA OFFICIALS AS LISTED HEREIN AND AS DIRECTED BY DDOT. MAINTENANCE OF TRAFFIC PLANS AND REVISIONS ARE TO BE SUBMITTED FOR REVIEW AND COMMENT BY WMATA. A MINIMUM OF TWO WEEKS' NOTICE MUST BE PROVIDED TO WMATA FOR THESE IMPACTS.

RELOCATION, REMOVAL, AND INSTALLATION OF ALL PERMANENT AND TEMPORARY METRO BUS SIGN PANELS AND SIGN SUPPORTS SHALL BOTH BE FURNISHED AND WORK PERFORMED BY WMATA. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 30 DAYS' NOTICE TO WMATA PRIOR TO ANY BUS STOP BEING REMOVED OR RELOCATED. NOTICE SHALL BE PROVIDED TO THE APPROPRIATE WMATA OFFICIALS AS LISTED HEREIN.

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY (WMATA)	NAME: JAMIE CEPLER PHONE: (202) 962-6085 EMAIL: JCEPLER@WMATA.COM
JOINT BASE ANACOSTIA-BOLLING	NAME: MARK BERGER PHONE: (202) 284-4626 EMAIL: MARK.BERGER.1@US.AF.MIL
DEPARTMENT OF HOMELAND SECURITY	NAME: TED VEYERA PHONE: (202) 372-8920 EMAIL: VIRGIL.VEYERA@FPS.DHS.GOV

EMERGENCY SERVICES CONTACTS
EMERGENCY SERVICES STAKEHOLDERS MUST BE INFORMED OF ONGOING CONSTRUCTION ACTIVITIES AND DETOURS TO IMPROVE COORDINATION AND RESPONSE TO EMERGENCY ISSUES IN, AROUND, AND THROUGH WORK ZONES. THE CONTRACTOR IS REQUIRED TO NOTIFY FIRE AND/OR POLICE DEPARTMENTS OF APPROVED ROAD CLOSURES. THE METROPOLITAN POLICE DEPARTMENT IS RESPONSIBLE TO PROVIDE ACTIVE AND PASSIVE LAW ENFORCEMENT, AS NECESSARY, TO PROMOTE SAFE MOBILITY IN THE WORK ZONE, IDENTIFY UNSAFE CONDITIONS, AND TAKE APPROPRIATE MEASURES TO CLEAR WORK ZONE INDICENTS EFFICIENTLY.

METROPOLITAN POLICE DEPARTMENT (MPD)	PHONE: (202) 727-9099 EMAIL: MPD@DC.GOV
FIRE AND EMERGENCY MEDICAL SERVICES (FEMS)	PHONE: (202) 673-3320 EMAIL: INFO.FEMS@DC.GOV

MT–0A

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE007705
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

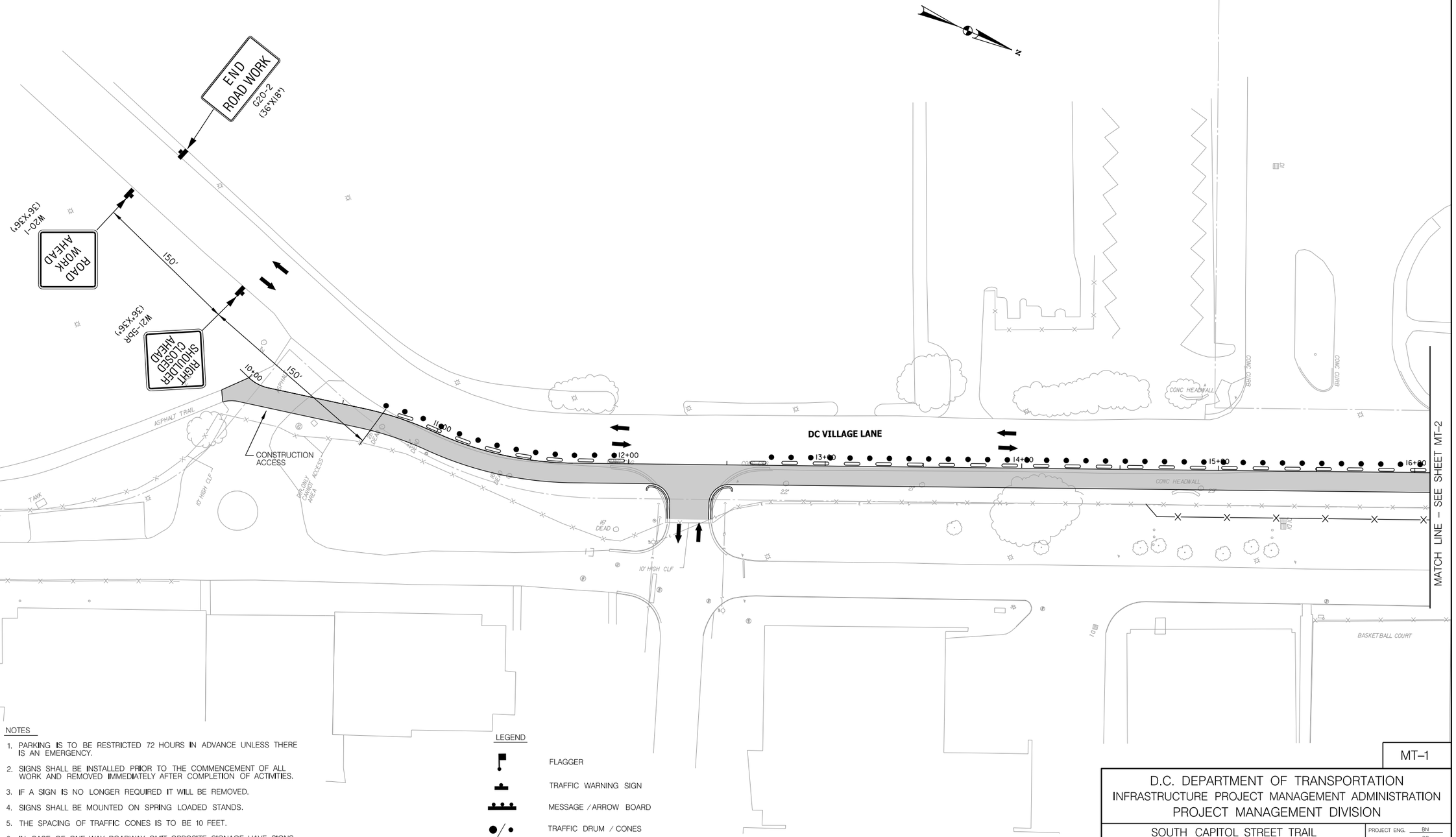
PROJECT ENG. BN
DESIGNED BY GR
CHECKED BY GR
DRAWN BY GP
PROJECT MGR. MDS

MAINTENANCE OF TRAFFIC PLAN
TRAFFIC MANAGEMENT PLAN

DIVISION CHIEF
DATE
FILE
SHEET 287 OF 576

pMT-P00A_SCSTrail.dgn
2/24/2026

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	288	576



NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE010700
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT-1

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 1
DC VILLAGE LANE
PHASE 1

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF
DATE
FILE
SHEET 288 OF 576

pMT-P001_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	289	576

NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
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8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
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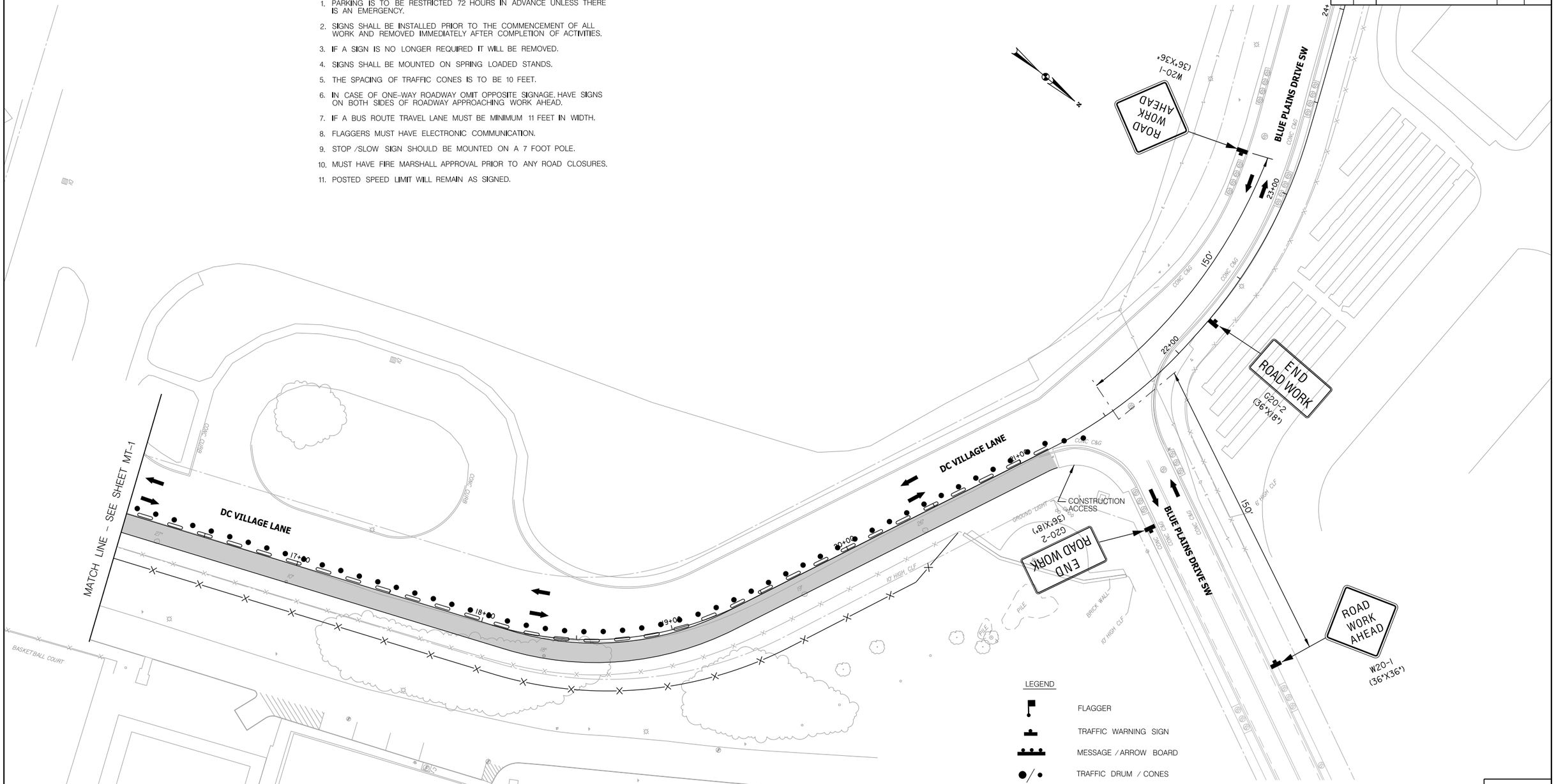
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.



LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE
- PROPOSED SITE FENCE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
SHARLON A. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

MT-2

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

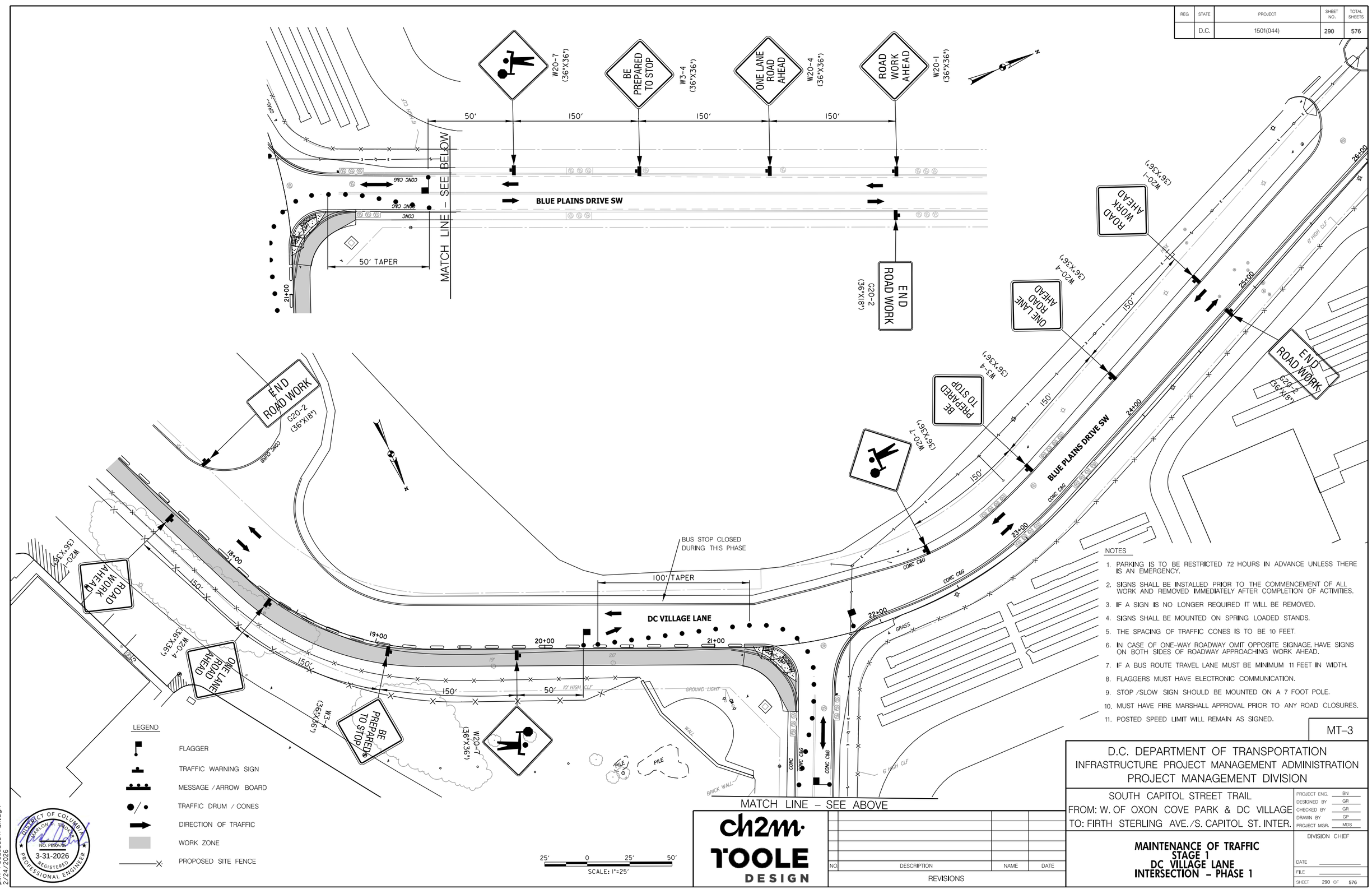
MAINTENANCE OF TRAFFIC
STAGE 1
DC VILLAGE LANE
PHASE 1

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF
DATE
FILE
SHEET 289 OF 576

pMT-P002_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	290	576



LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE
- PROPOSED SITE FENCE

NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

MT-3

DISTRICT OF COLUMBIA
CHARLES D. SIMONE
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC STAGE 1 DC VILLAGE LANE INTERSECTION – PHASE 1

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

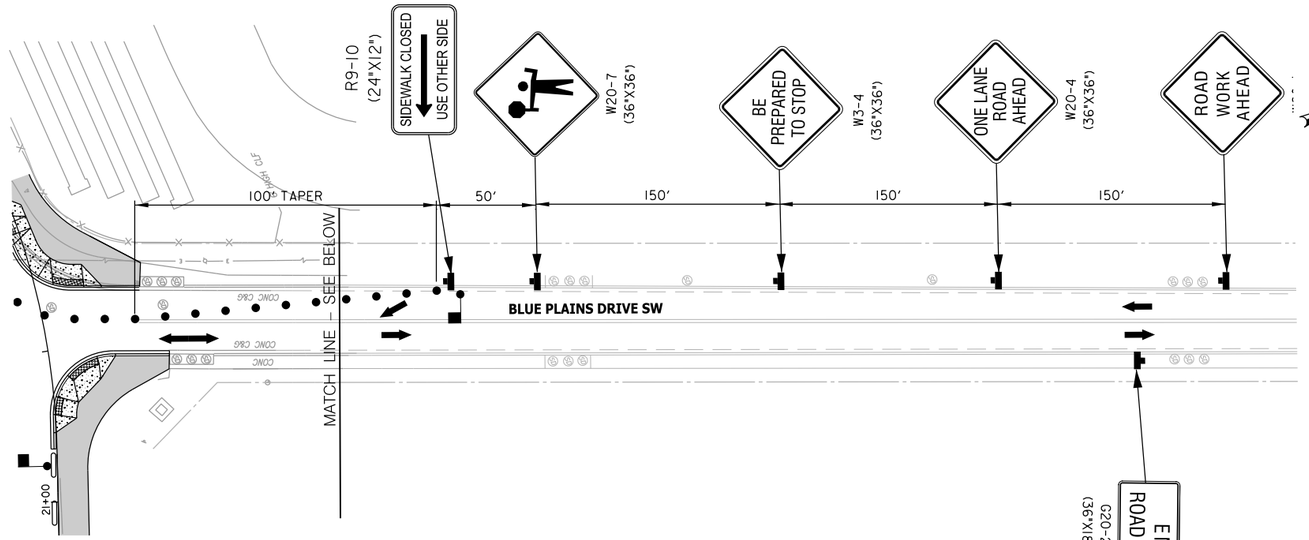
DATE

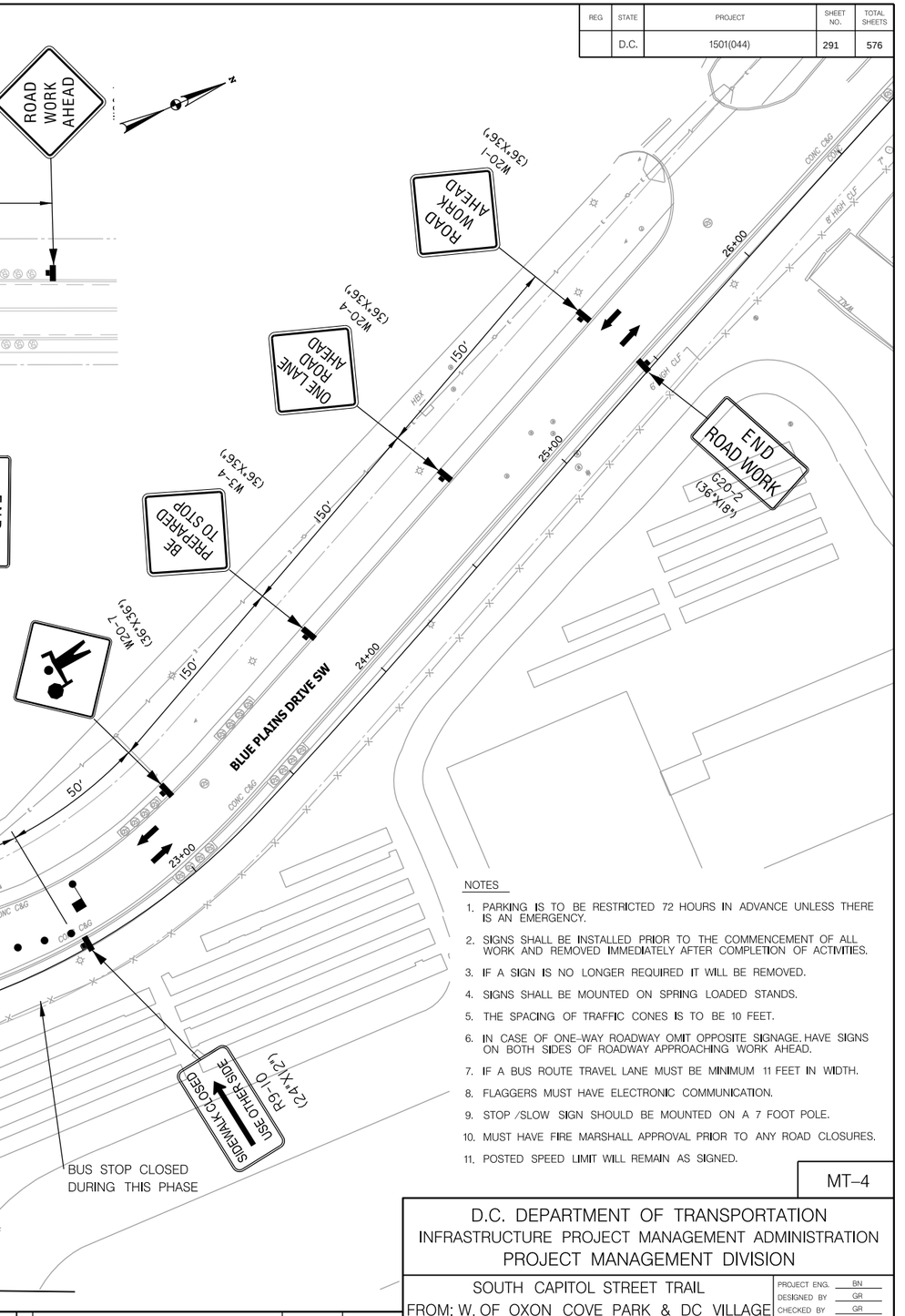
FILE

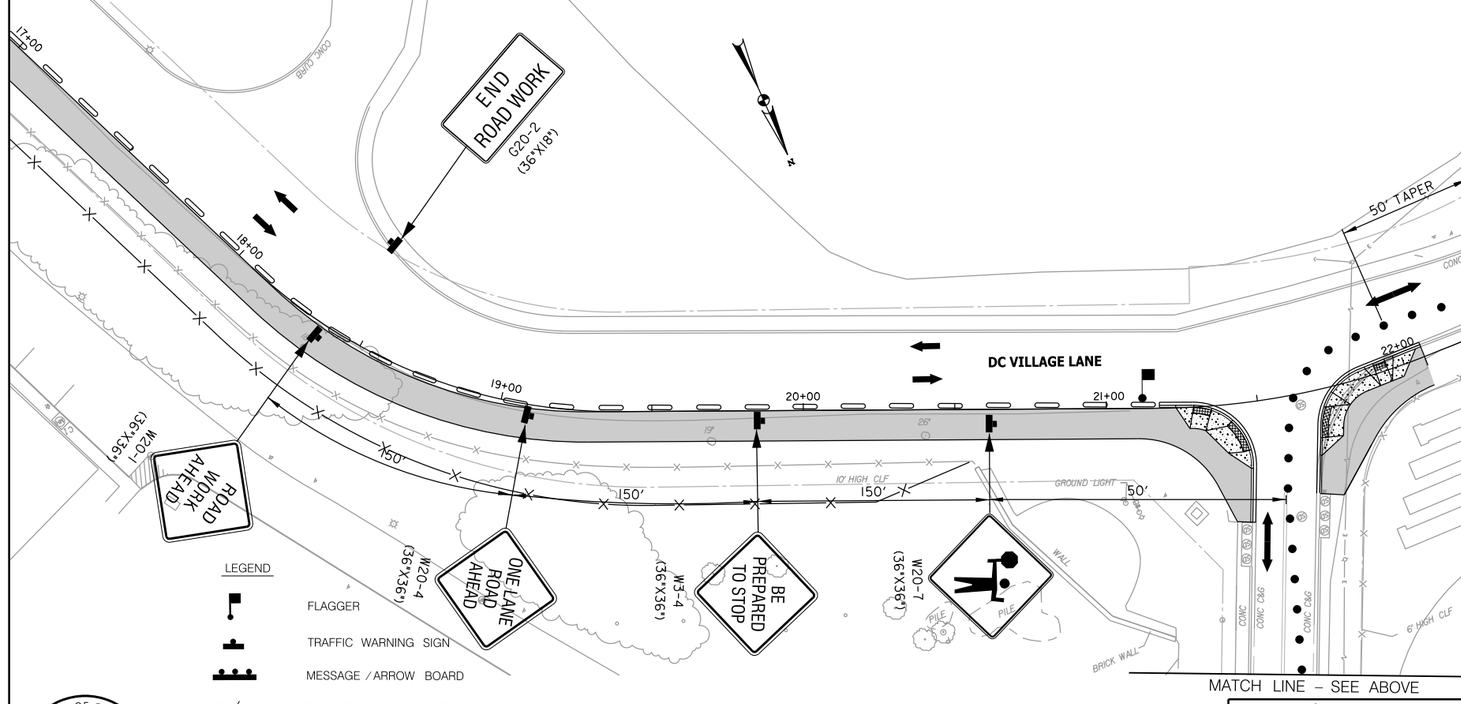
SHEET 290 OF 576

pMT-P003_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	291	576







NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE
- PROPOSED SITE FENCE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
CARLTON D. SMOOTS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

MT-4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

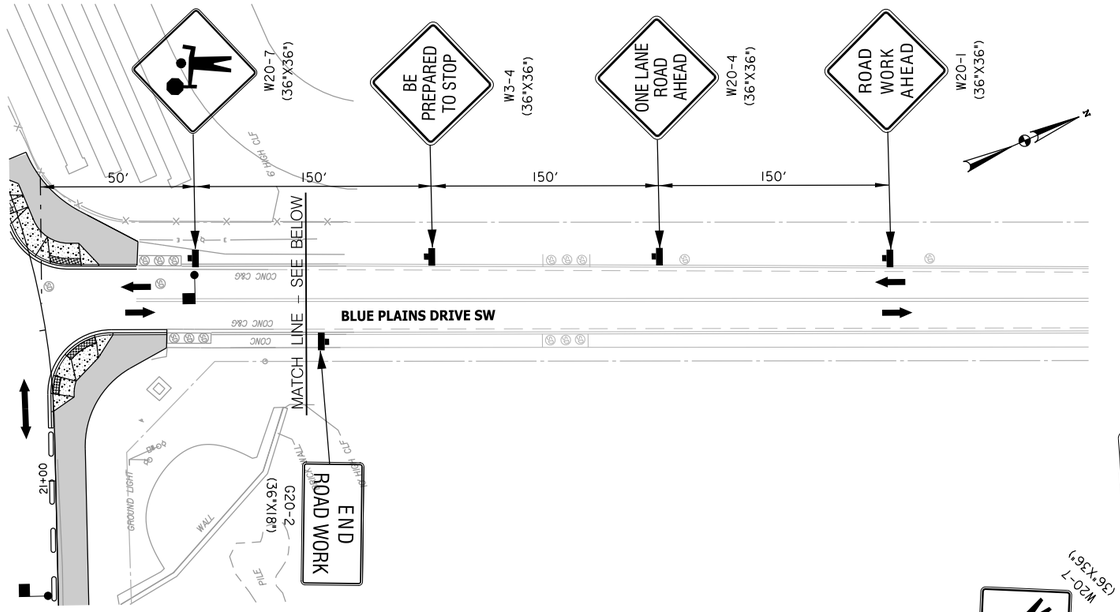
PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

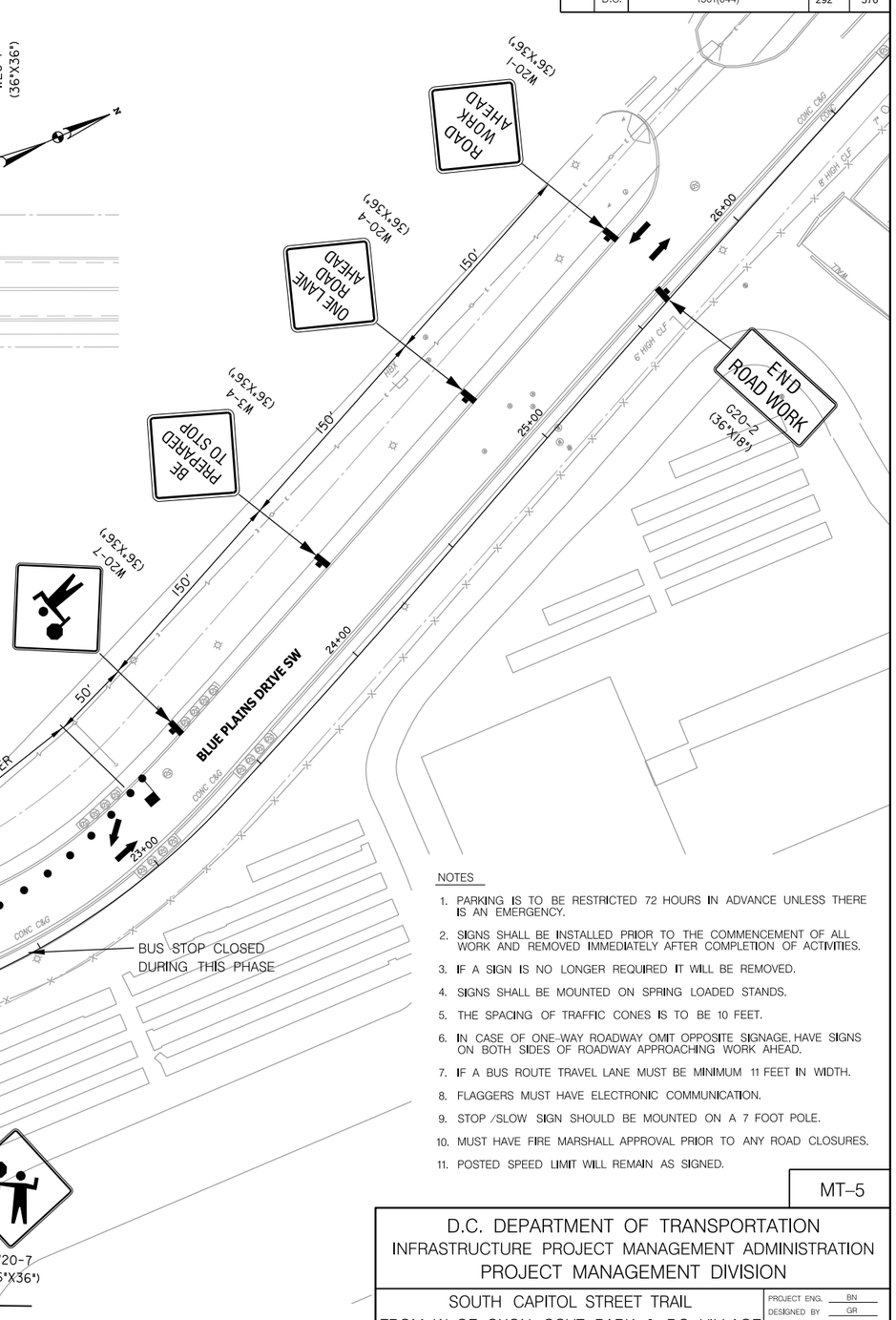
MAINTENANCE OF TRAFFIC
STAGE 1
DC VILLAGE LANE
INTERSECTION – PHASE 2

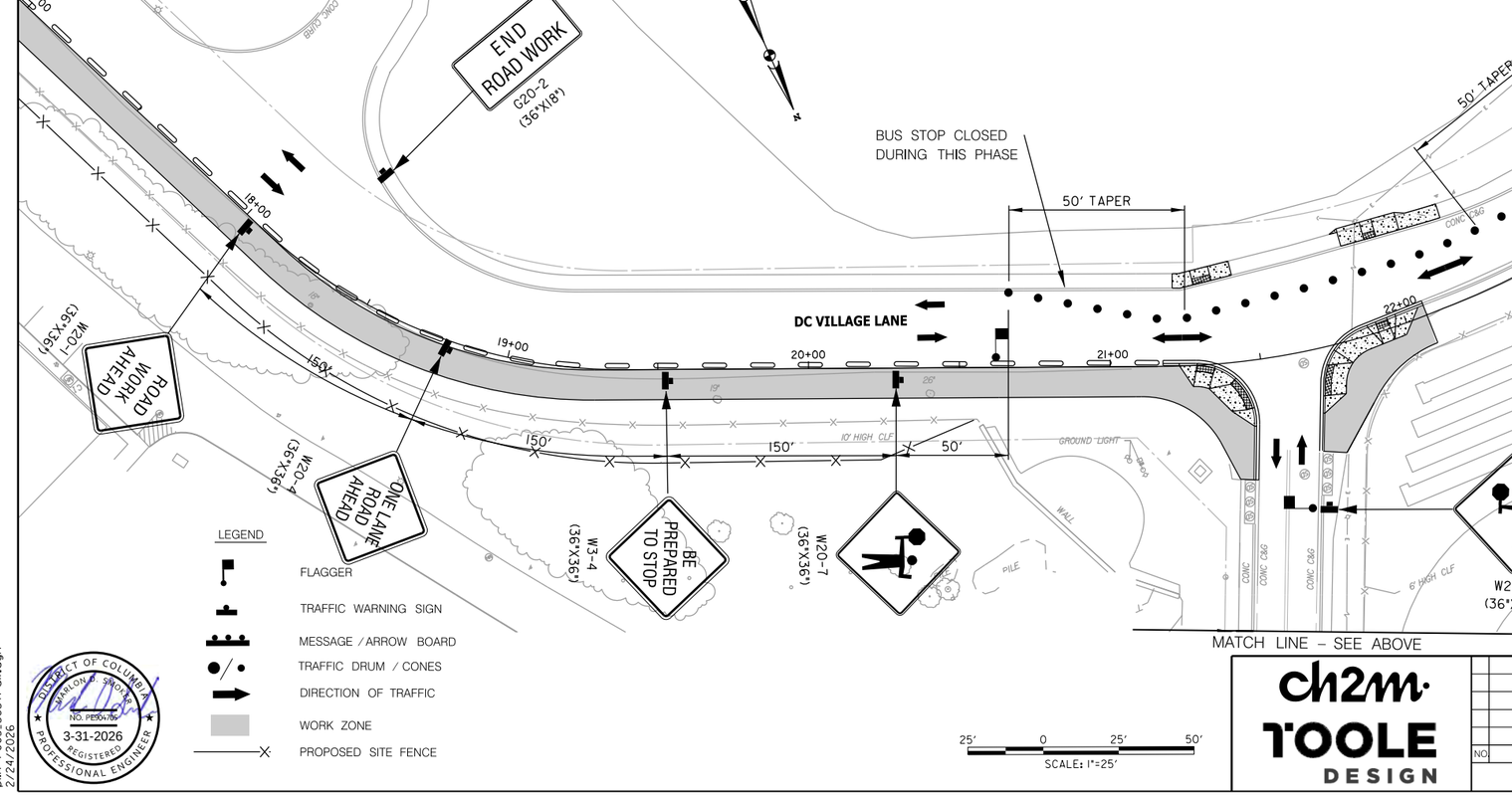
DIVISION CHIEF
DATE
FILE
SHEET 291 OF 576

DMT-P004_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	292	576







LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE
- PROPOSED SITE FENCE

25' 0 25' 50'
SCALE: 1"=25'

NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

MT-5

DISTRICT OF COLUMBIA
DARLON G. SMOKE
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m
TOOLE
DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

MAINTENANCE OF TRAFFIC
STAGE 1
DC VILLAGE LANE
INTERSECTION - PHASE 3

DIVISION CHIEF

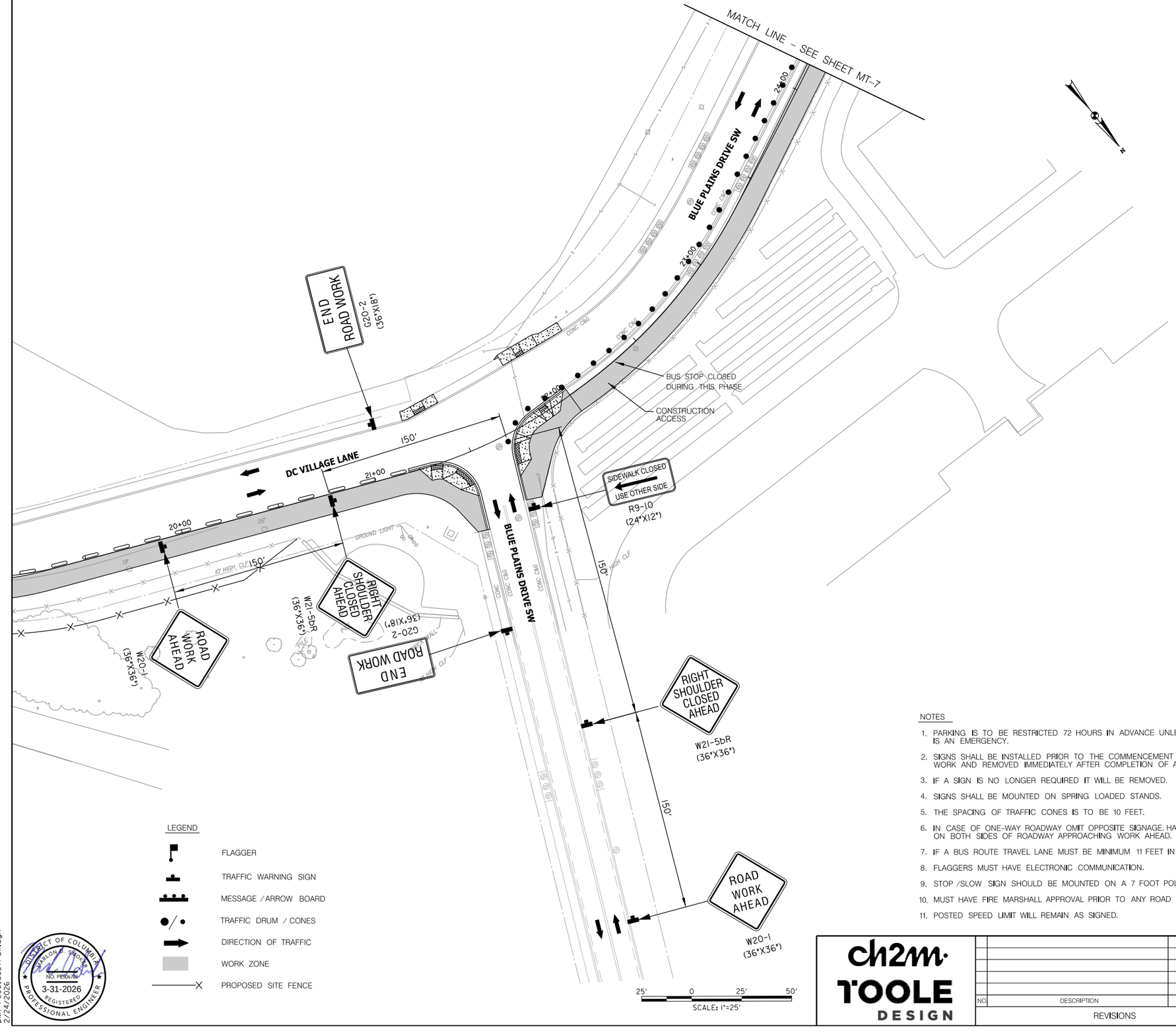
DATE

FILE

SHEET 292 OF 576

pMT-P005_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	293	576



LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE
- PROPOSED SITE FENCE

NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

DISTRICT OF COLUMBIA
SHARON D. SMOKE
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

MT-6

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 1
BLUE PLAINS DRIVE
PHASE 1

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

DATE

FILE

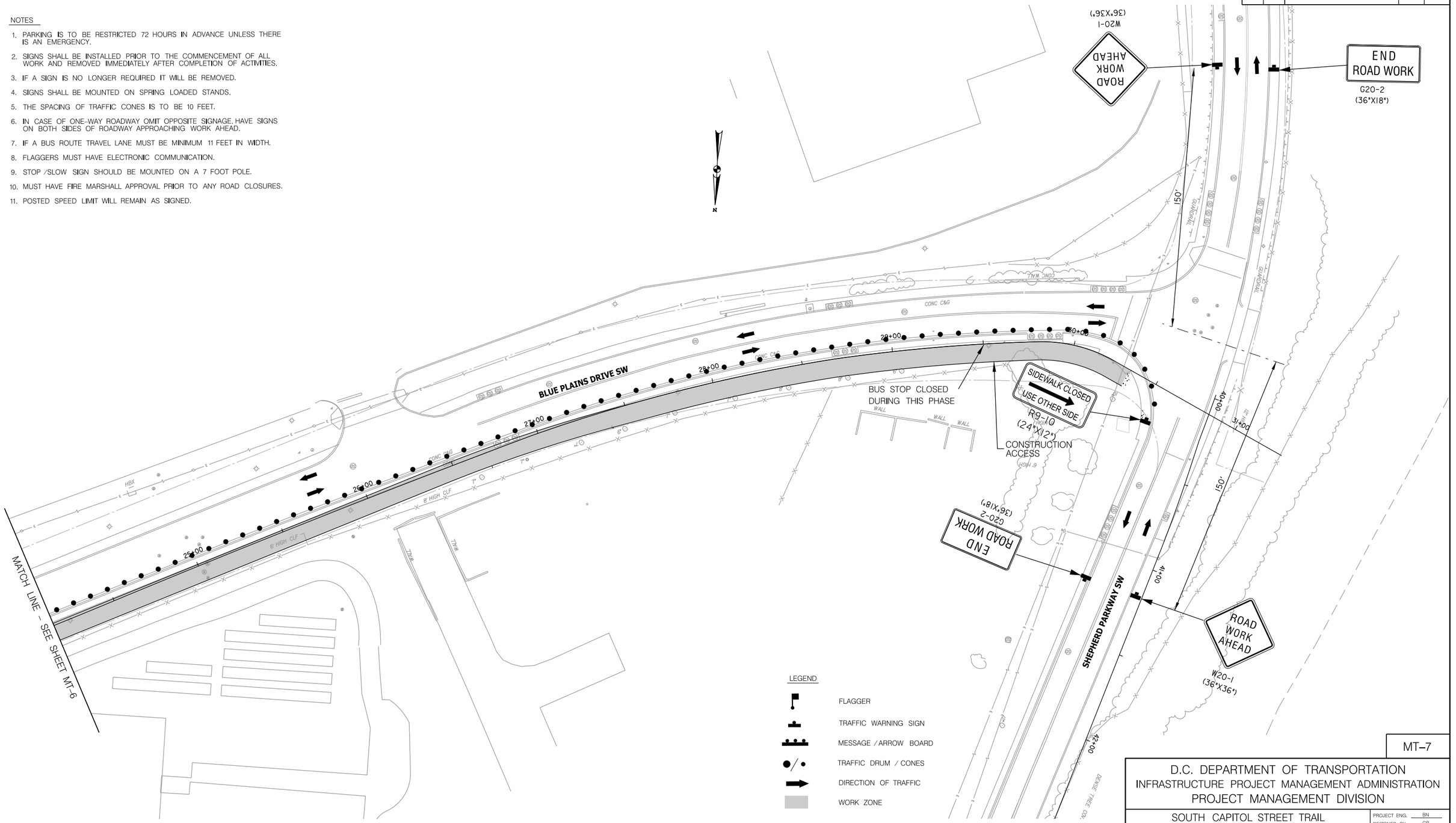
SHEET 293 OF 576

pMT-P006_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	294	576

NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE, HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.



LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
SHARLON A. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pMT-P007_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

MT–7

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 1
BLUE PLAINS DRIVE
PHASE 1

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

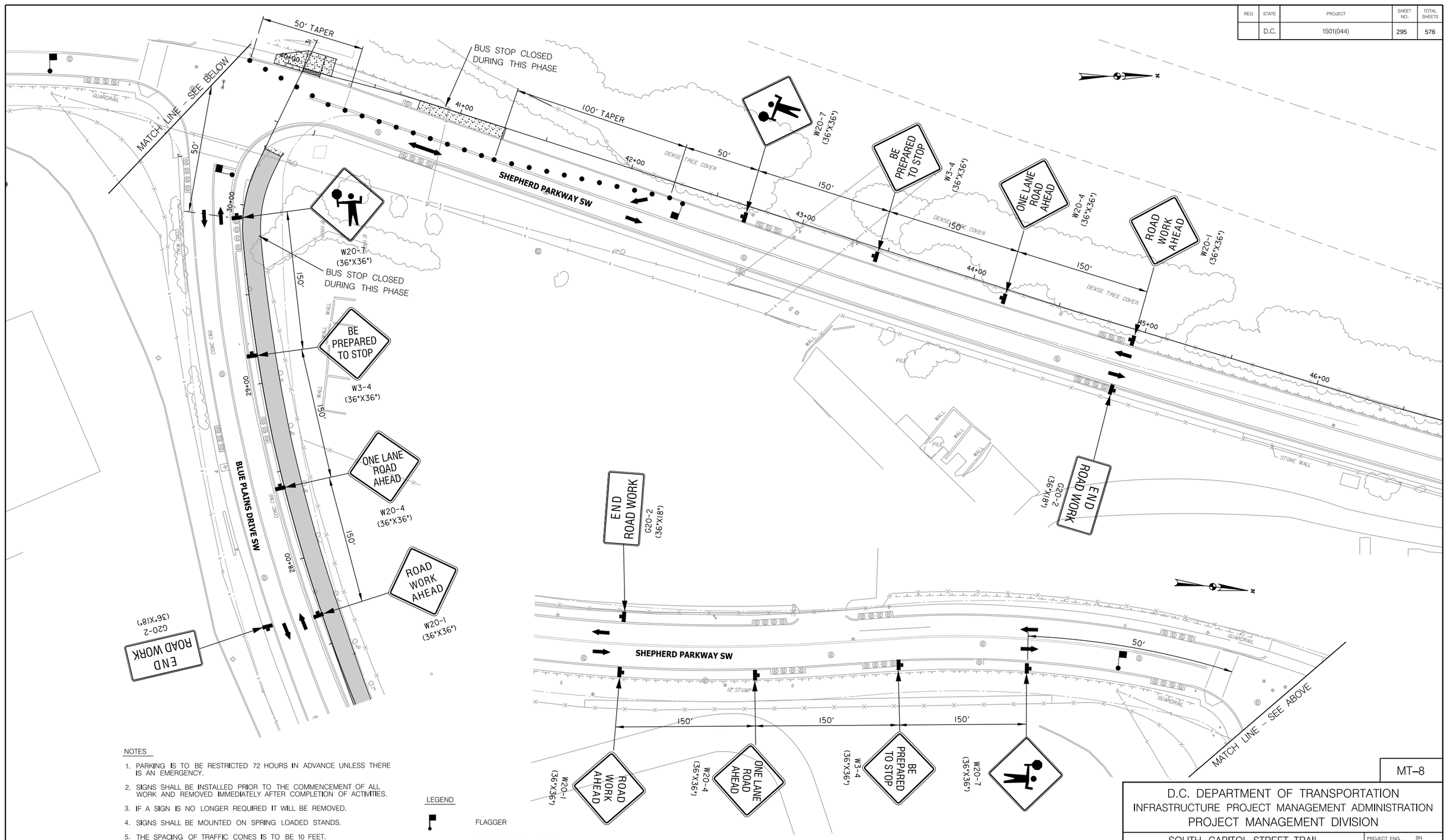
DIVISION CHIEF

DATE

FILE

SHEET 294 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	295	576



NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
SHARLON A. SIMONS
NO. PE904706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pMT-P008.SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

MT-8

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC STAGE 1 BLUE PLAINS DRIVE INTERSECTION - PHASE 1

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

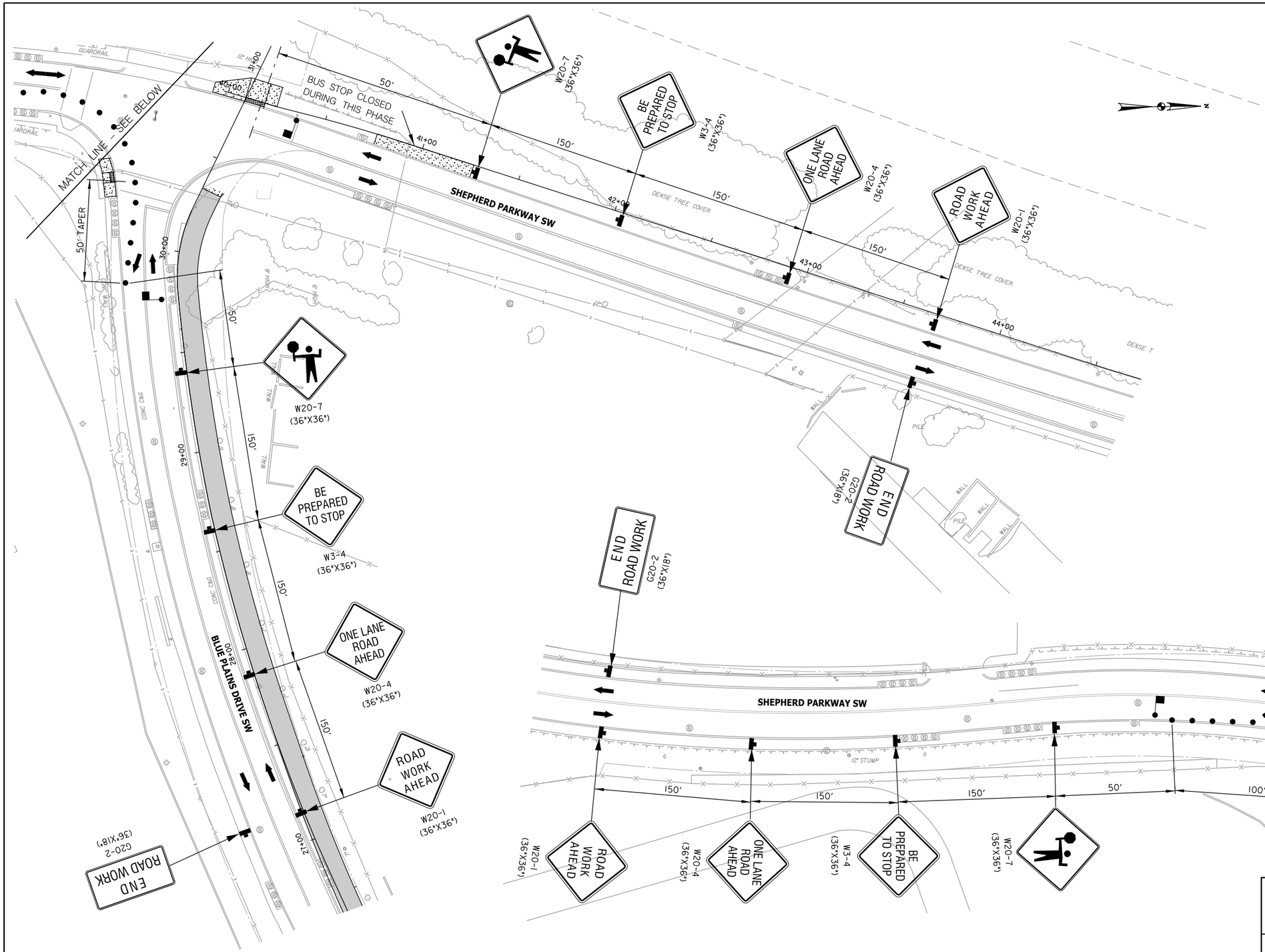
DIVISION CHIEF

DATE

FILE

SHEET 295 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	296	576



NOTES

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5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
DARRYL G. SMOAK
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT-9

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

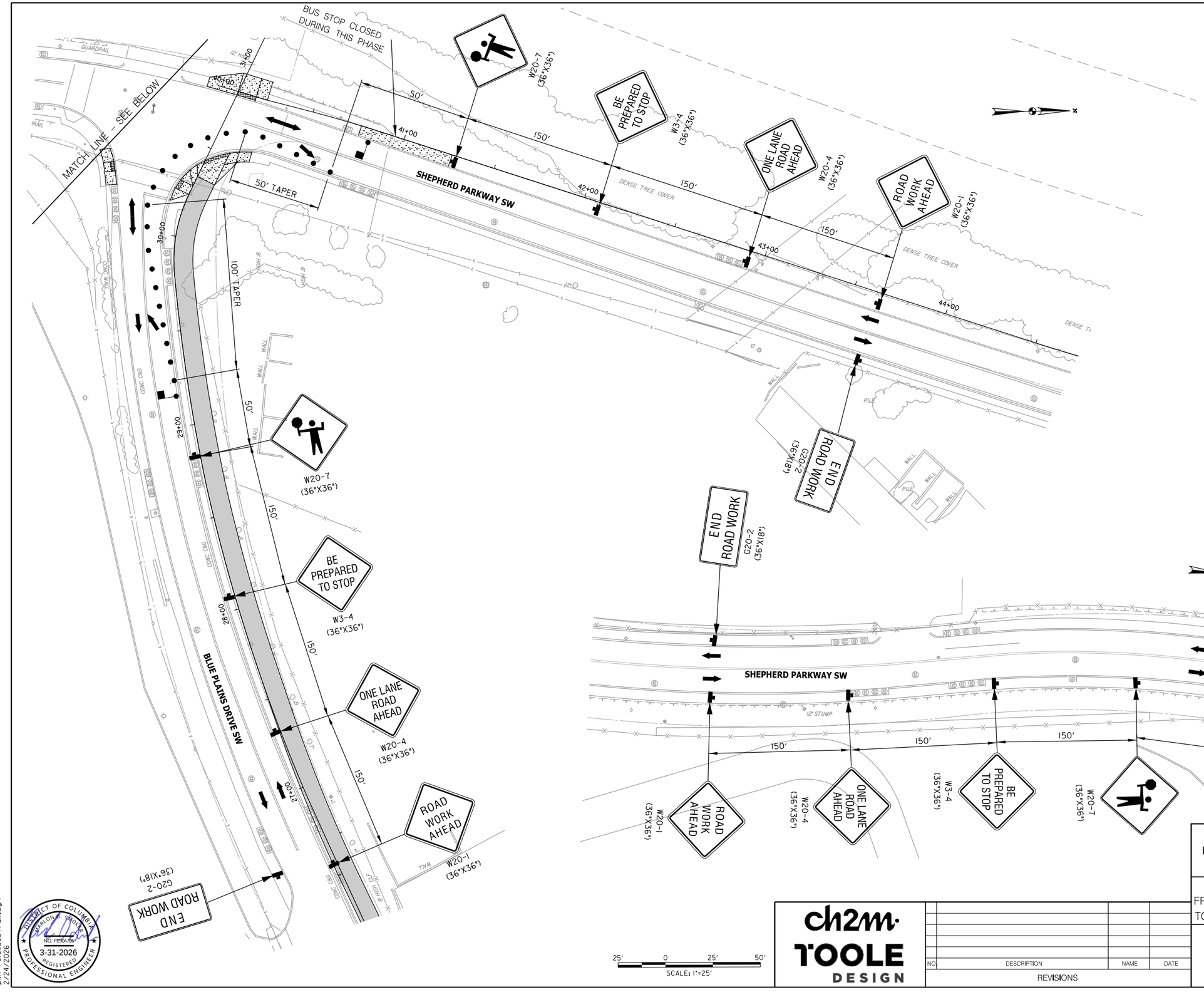
PROJECT ENG. BN
DESIGNED BY GR
CHECKED BY GR
DRAWN BY GP
PROJECT MGR. MDS

MAINTENANCE OF TRAFFIC STAGE 1 BLUE PLAINS DRIVE INTERSECTION – PHASE 2

DIVISION CHIEF
DATE
FILE
SHEET 296 OF 576

pMT-P009_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	297	576



NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

DISTRICT OF COLUMBIA
DARLON G. SMOAK
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT-10

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC STAGE 1 BLUE PLAINS DRIVE INTERSECTION – PHASE 3

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

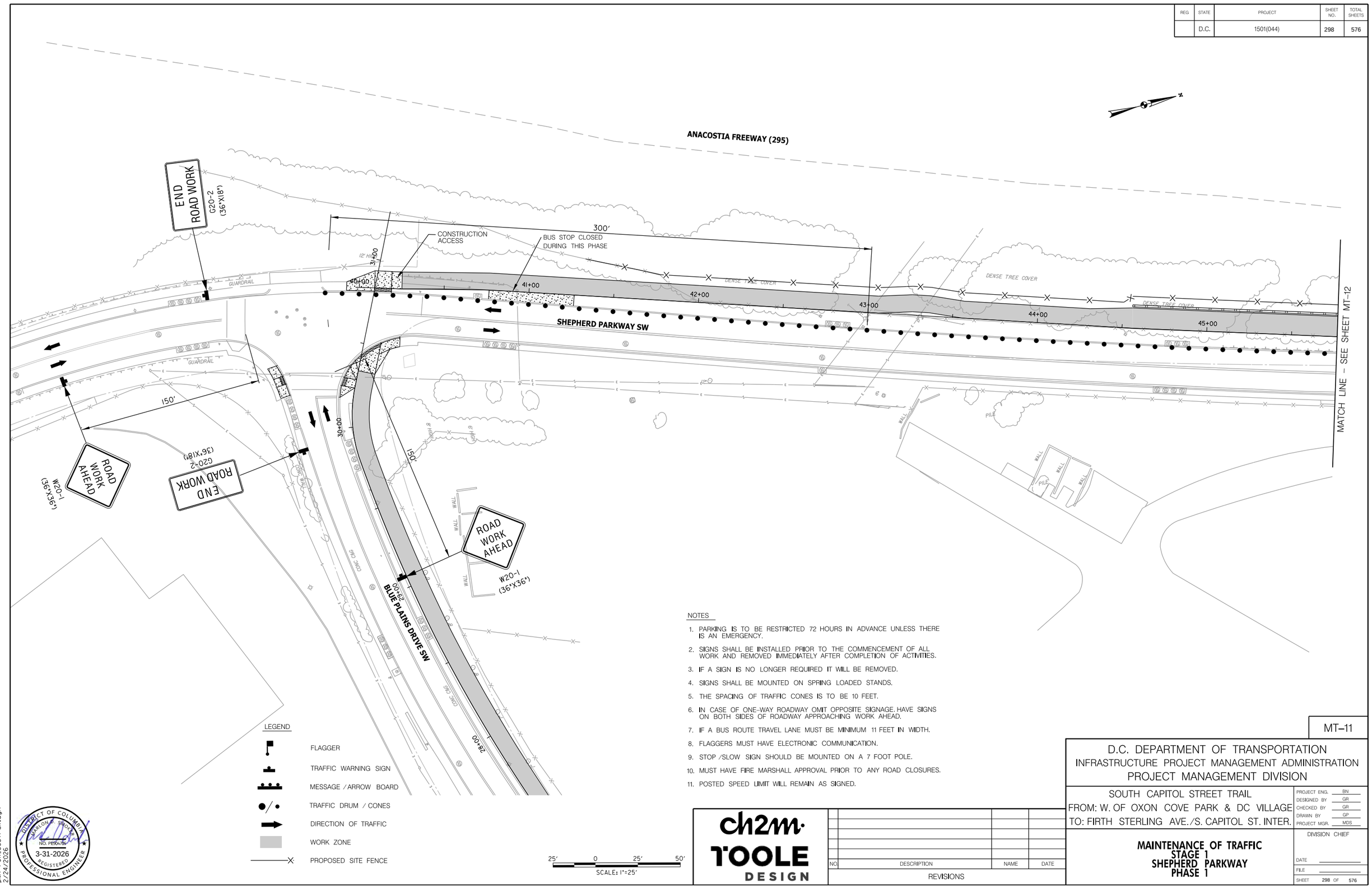
DATE

FILE

SHEET 297 OF 576

pMT-P010_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	298	576



LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE
- PROPOSED SITE FENCE

25' 0 25' 50'
SCALE: 1"=25'

NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

DISTRICT OF COLUMBIA
MARLON G. SMOAK
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pMT-P011_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT–11

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

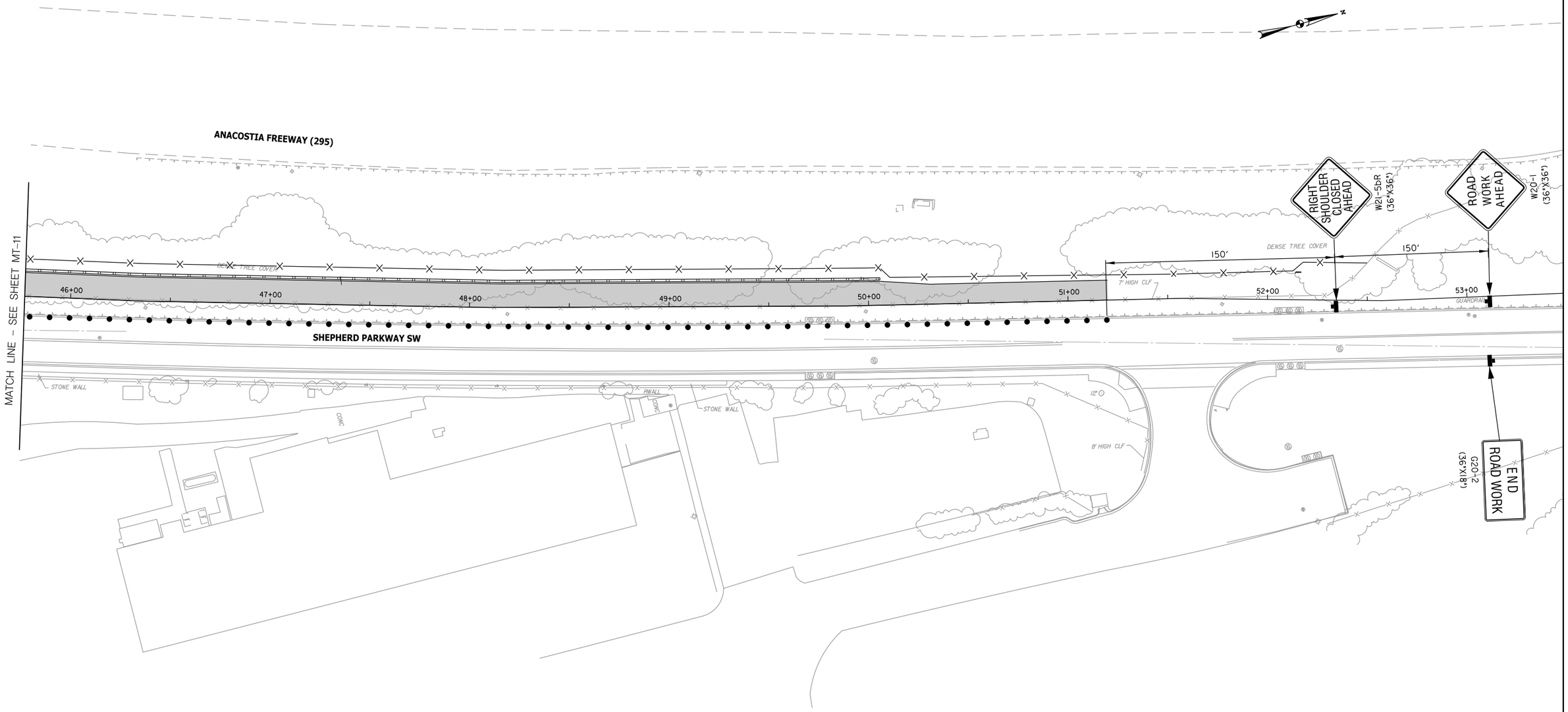
MAINTENANCE OF TRAFFIC
STAGE 1
SHEPHERD PARKWAY
PHASE 1

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

DATE
FILE
SHEET 298 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	299	576



NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE
- PROPOSED SITE FENCE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
SHANLON D. SNOOKS
NO. PE904706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pMT-P012_SCSTr-rli.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT–12

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

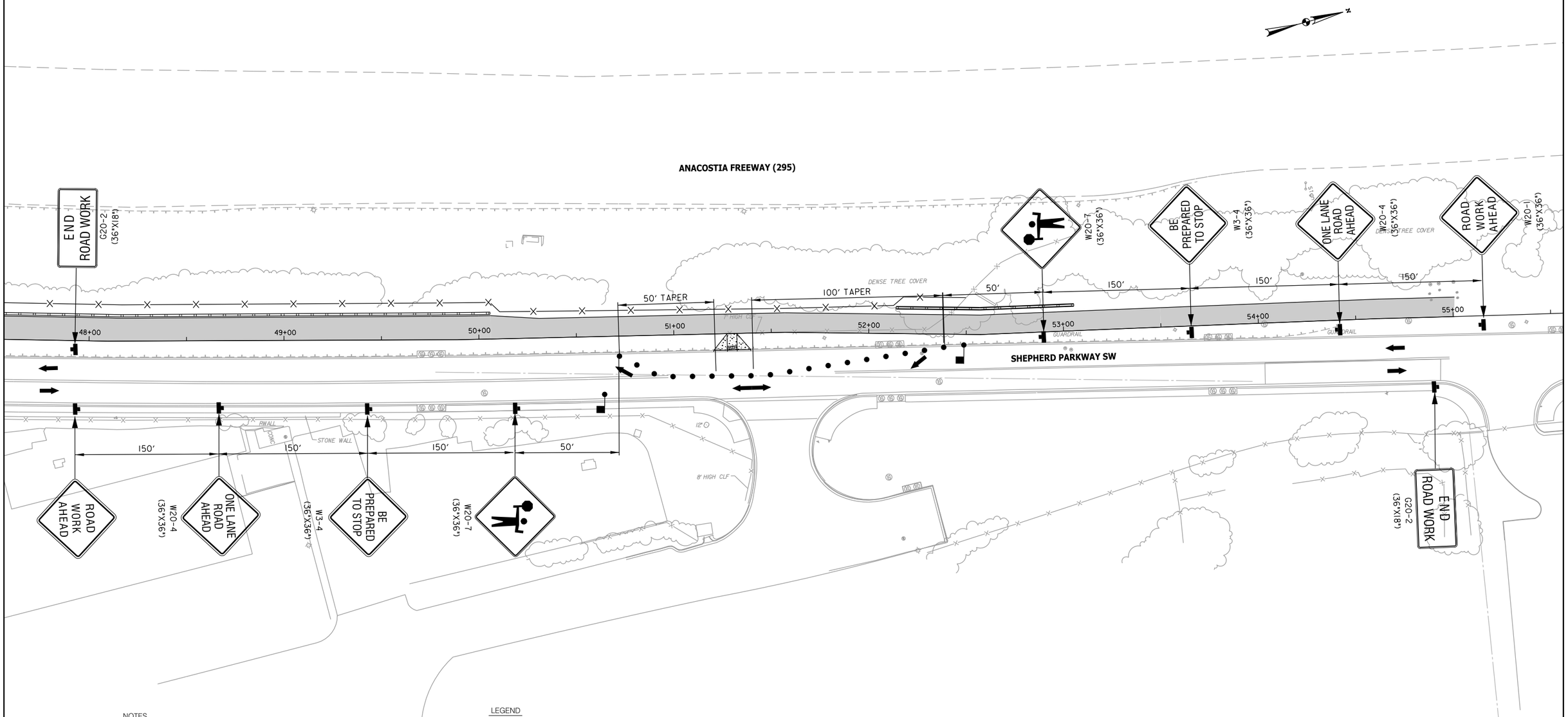
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 1
SHEPHERD PARKWAY
PHASE 1

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF
DATE
FILE
SHEET 299 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	300	576



NOTES

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10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE
- PROPOSED SITE FENCE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
MARION D. SMOAK
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pMT-P013_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT-13

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

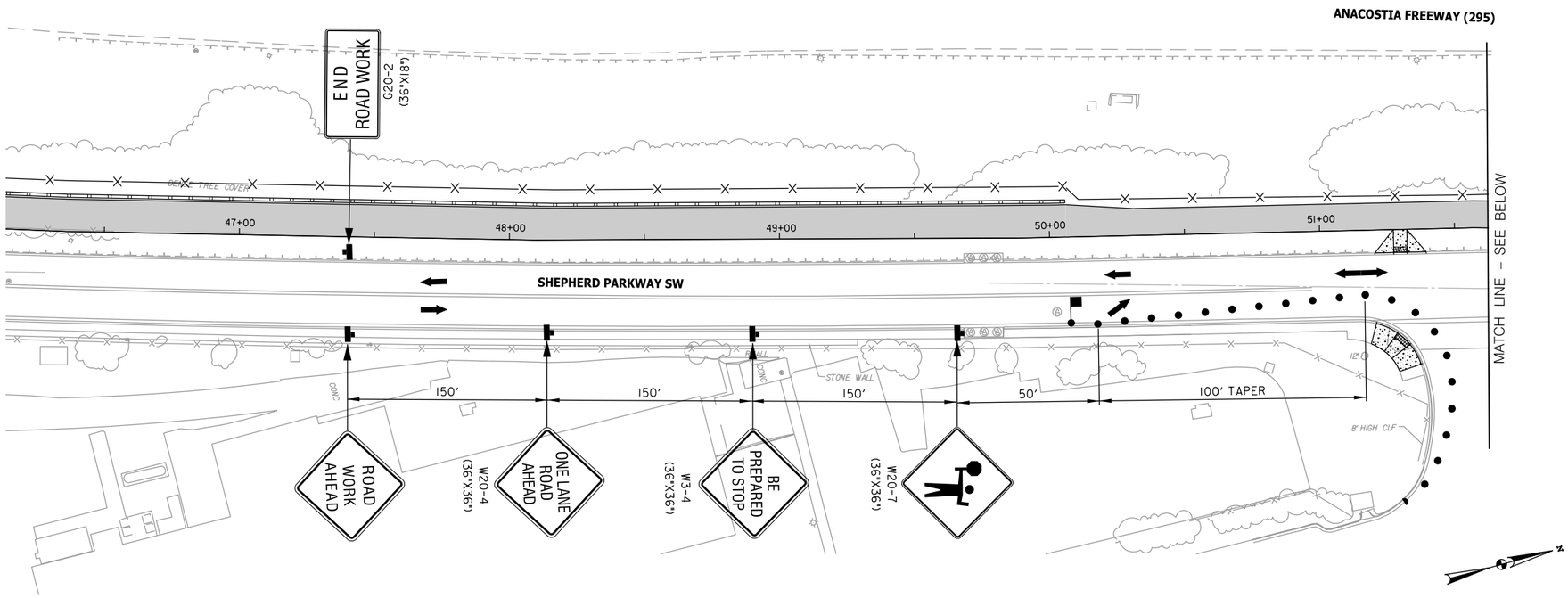
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

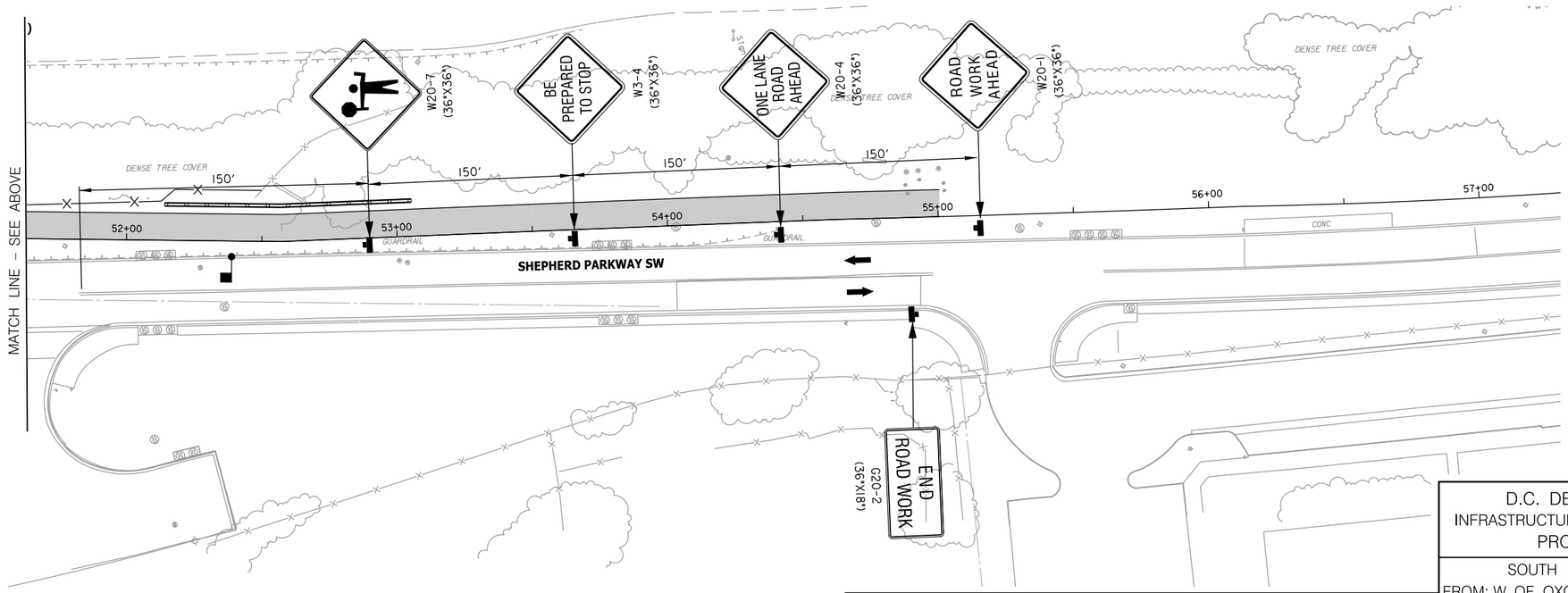
MAINTENANCE OF TRAFFIC
STAGE 1
SHEPHERD PARKWAY
INTERSECTION 1 – PHASE 1

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF
DATE
FILE
SHEET 300 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	301	576





NOTES

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6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
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9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE
- PROPOSED SITE FENCE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
MARLON G. SMOLA
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pMT-P014_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT-14

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

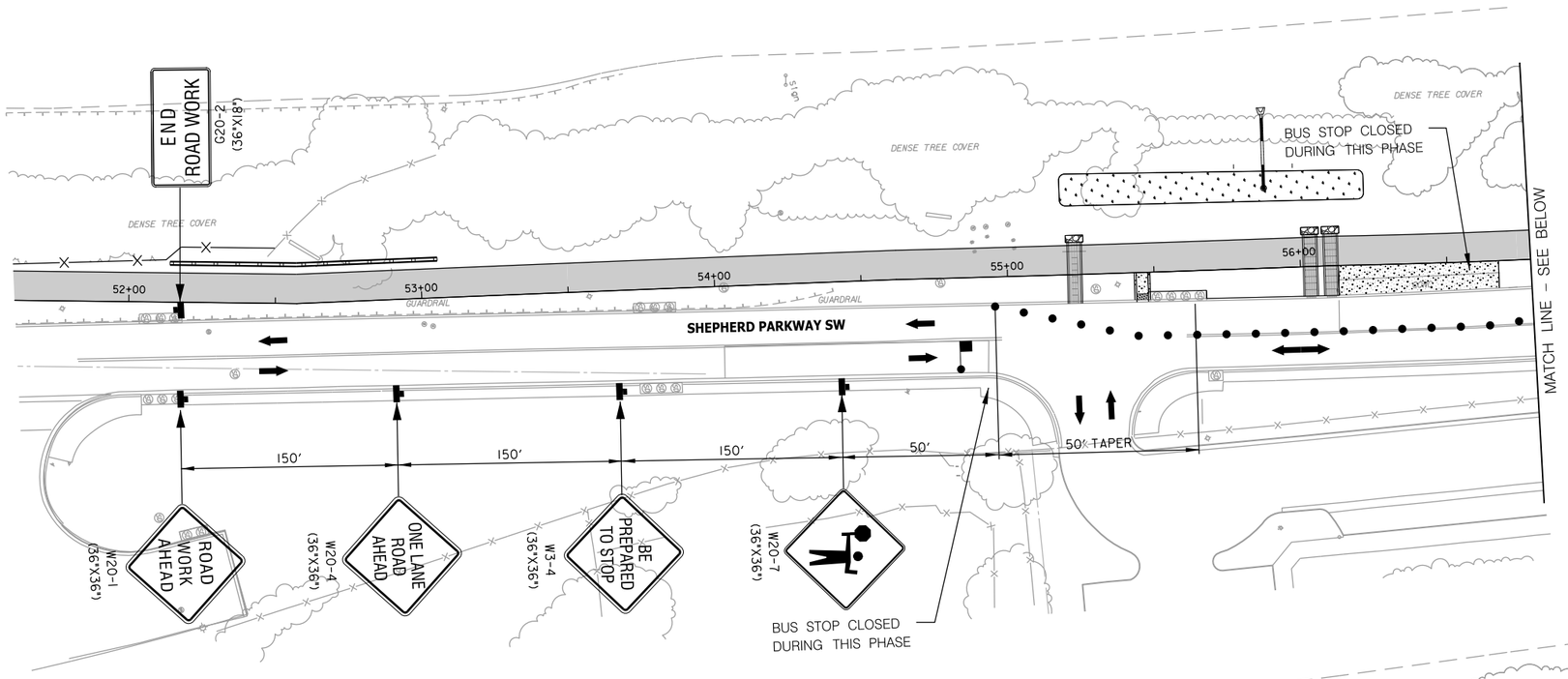
PROJECT ENG. BN
DESIGNED BY GR
CHECKED BY GR
DRAWN BY GP
PROJECT MGR. MDS

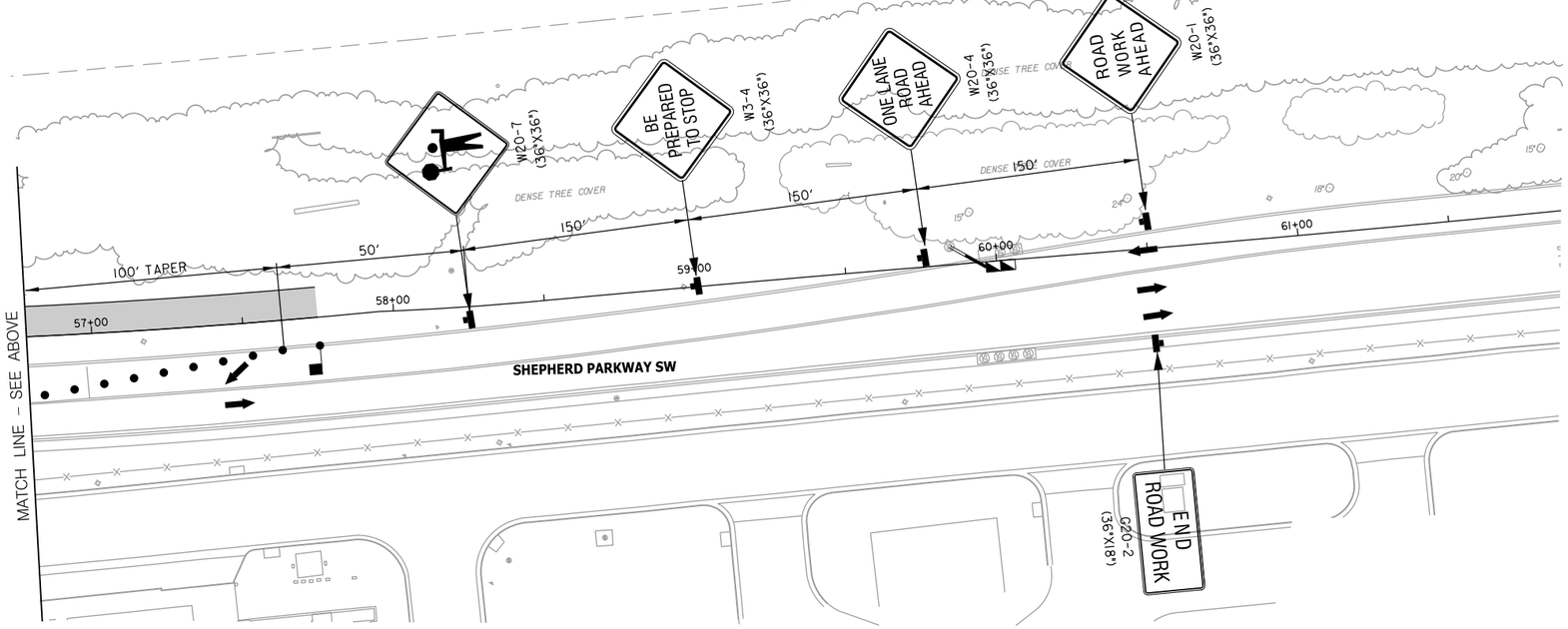
DIVISION CHIEF
DATE
FILE

MAINTENANCE OF TRAFFIC
STAGE 1
SHEPHERD PARKWAY
INTERSECTION 1 - PHASE 2

SHEET 301 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	302	576





LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE
- PROPOSED SITE FENCE

NOTES

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5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

MT–15

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE30116
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

25' 0 25' 50'
SCALE: 1"=25'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

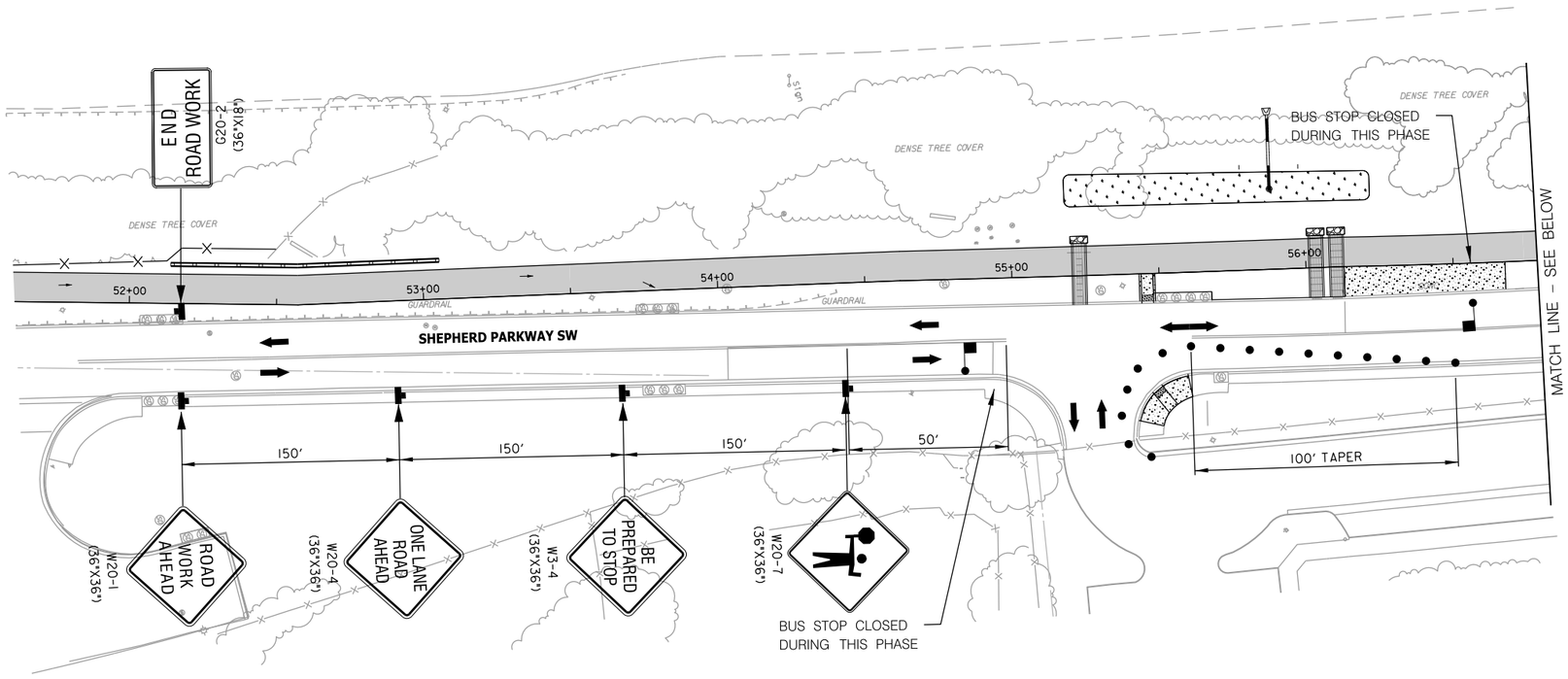
PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

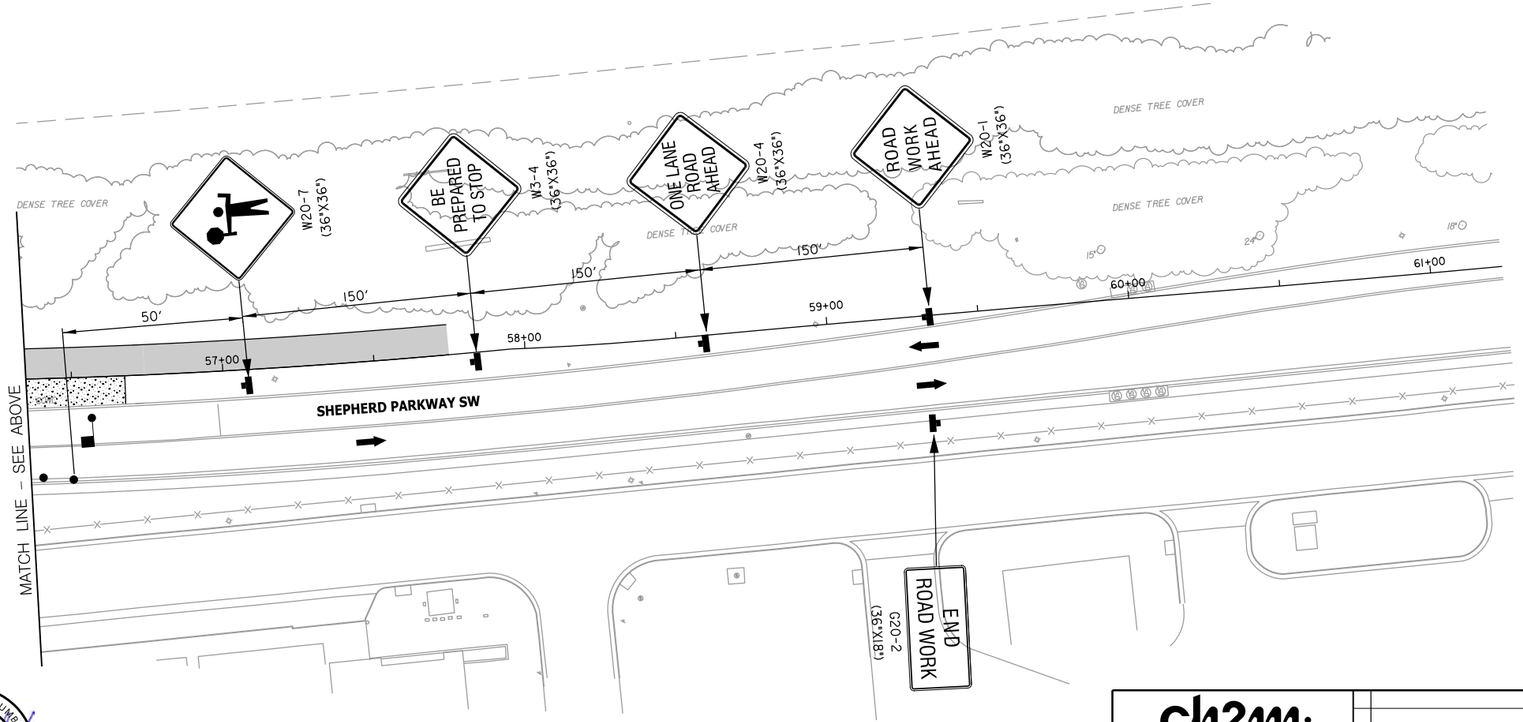
MAINTENANCE OF TRAFFIC
STAGE 1
SHEPHERD PARKWAY
INTERSECTION 2 – PHASE 1

DIVISION CHIEF
DATE
FILE
SHEET 302 OF 576

pMT-P015_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	303	576





LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE
- PROPOSED SITE FENCE

NOTES

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6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
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8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

MT–16

DISTRICT OF COLUMBIA
DARLON D. SINCLAIR
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 1
SHEPHERD PARKWAY
INTERSECTION 2 – PHASE 2

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

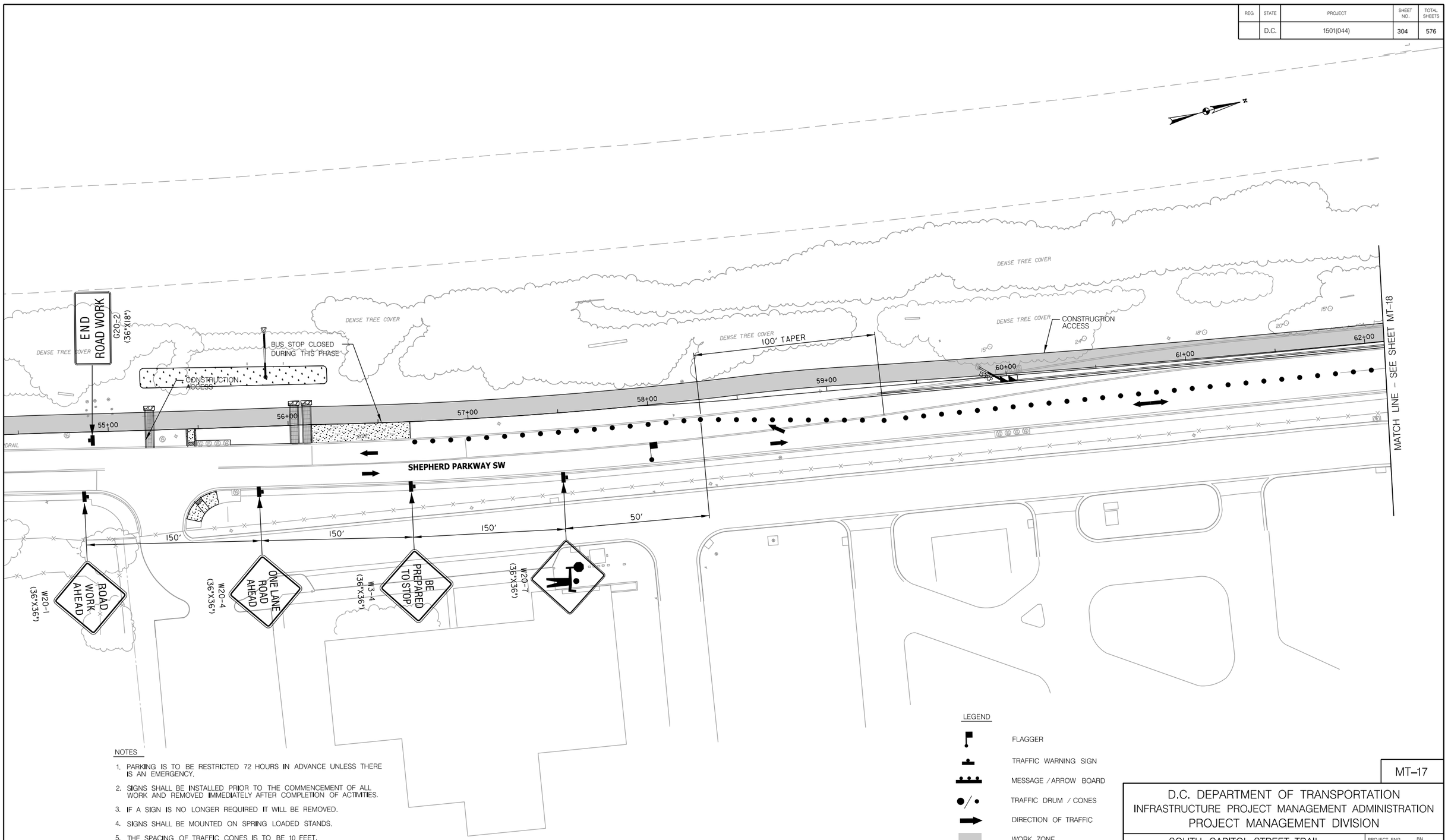
DATE

FILE

SHEET 303 OF 576

pMT-P016_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	304	576



NOTES

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LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

DISTRICT OF COLUMBIA · MARLON D. SINGLETON · NO. PE009780 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

25' 0 25' 50'
SCALE: 1"=25'

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT–17

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 1
SHEPHERD PARKWAY
PHASE 3

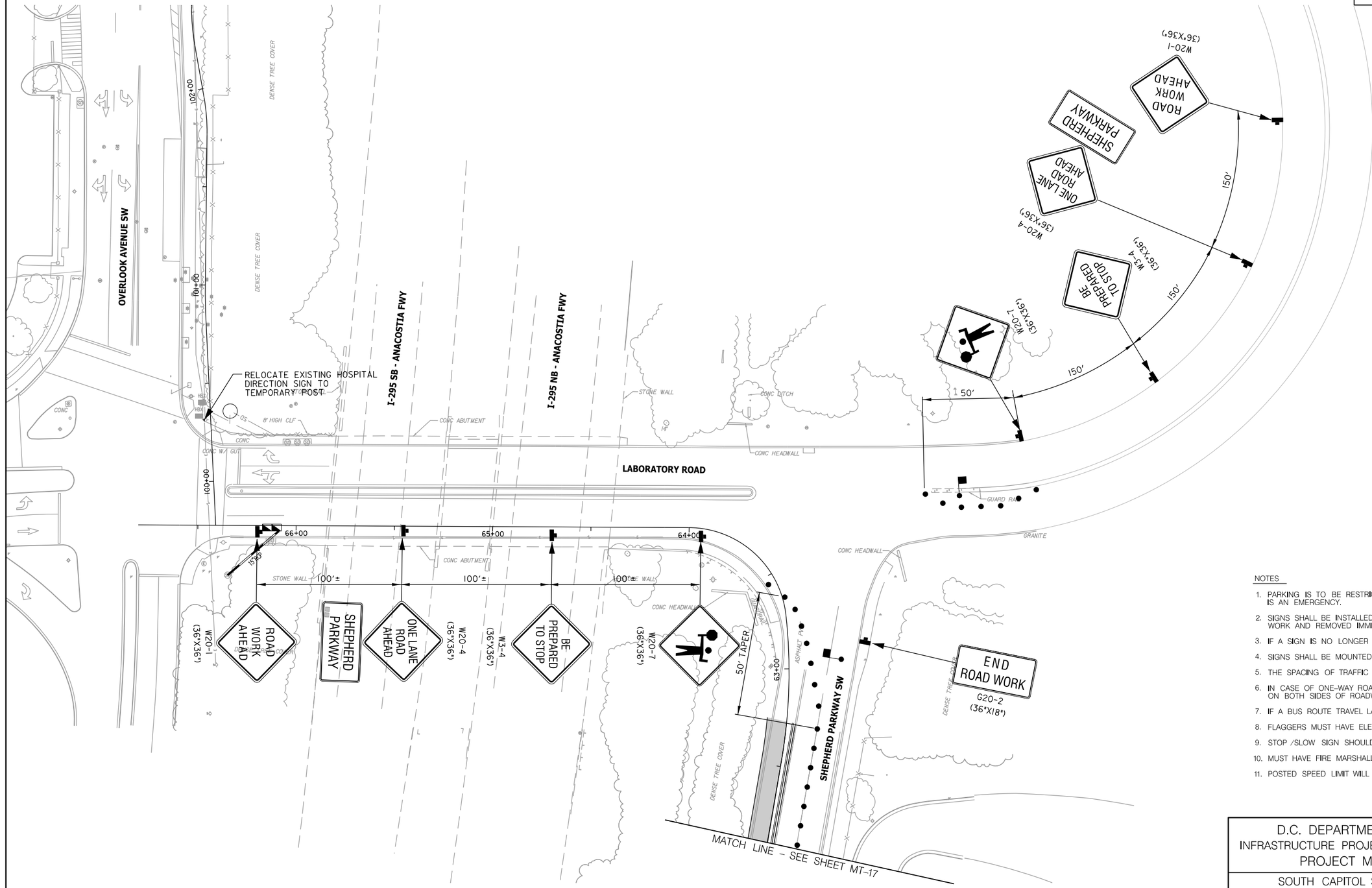
PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

DATE
FILE
SHEET 304 OF 576

pMT-P01T_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	305	576



LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

NOTES

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9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

MT-18

DISTRICT OF COLUMBIA
MARLON D. SMOAK
NO. PE901706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 1
SHEPHERD PARKWAY
PHASE 3

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

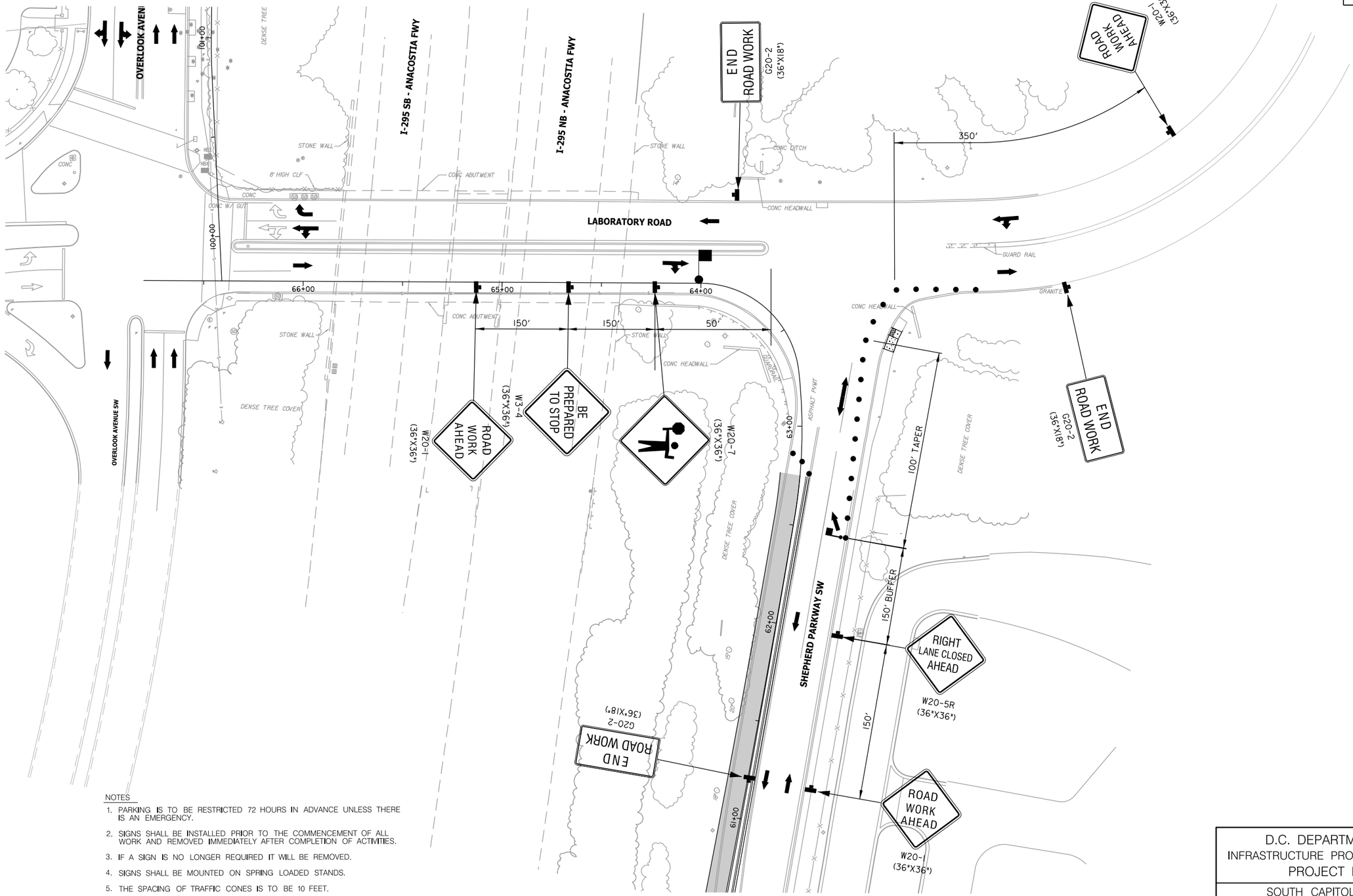
DATE

FILE

SHEET 305 OF 576

pMT-P018_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	306	576



NOTES

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11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

DISTRICT OF COLUMBIA
SHARLON D. SNOWDEN
NO. PE904706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

25' 0 25' 50'
SCALE: 1"=25'

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

MT-19

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

MAINTENANCE OF TRAFFIC
STAGE 2
LABORATORY ROAD
INTERSECTION – PHASE 1

DIVISION CHIEF
DATE
FILE
SHEET 306 OF 576

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

pMT-P019_SCSTr-oli.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	307	576

ROAD WORK AHEAD
W20-1 (36"X36")
150'
OVERLOOK AVENUE SW
10+00
DENSE TREE COVER
END ROAD WORK
G20-2 (36"X18")
W6-3 (36"X36")
I-295 SB - ANACOSTIA FWY
I-295 NB - ANACOSTIA FWY
STONE WALL
8' HIGH CLF
CONC ABUTMENT
CONC W/ GUT
CONC
CONC DITCH
CONC HEADWALL
LABORATORY ROAD
LEFT LANE MUST TURN LEFT
R3-7L (30"X30")
100+00
150'
66+00
65+00
64+00
GUARD RAIL
GRANITE
BE PREPARED TO STOP
W3-4 (36"X36")
150'
W20-1 (36"X36")
ROAD WORK AHEAD
150'
100' TAPER
W20-1 (36"X36")
ROAD WORK AHEAD
DENSE TREE COVER
50' TAPER
63+00
62+00
CROSS TRAFFIC DOES NOT STOP
W4-4P (24"X12")
END ROAD WORK
G20-2 (36"X18")
50'
W4-2 (36"X36")
150'
RIGHT LANE CLOSED AHEAD
W20-5R (36"X36")
150'
ROAD WORK AHEAD
W20-1 (36"X36")
SHEPHERD PARKWAY SW
N

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

NOTES

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10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

MT-20

DISTRICT OF COLUMBIA
DARRON D. SMOAK
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

25' 0 25' 50'
SCALE: 1"=25'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

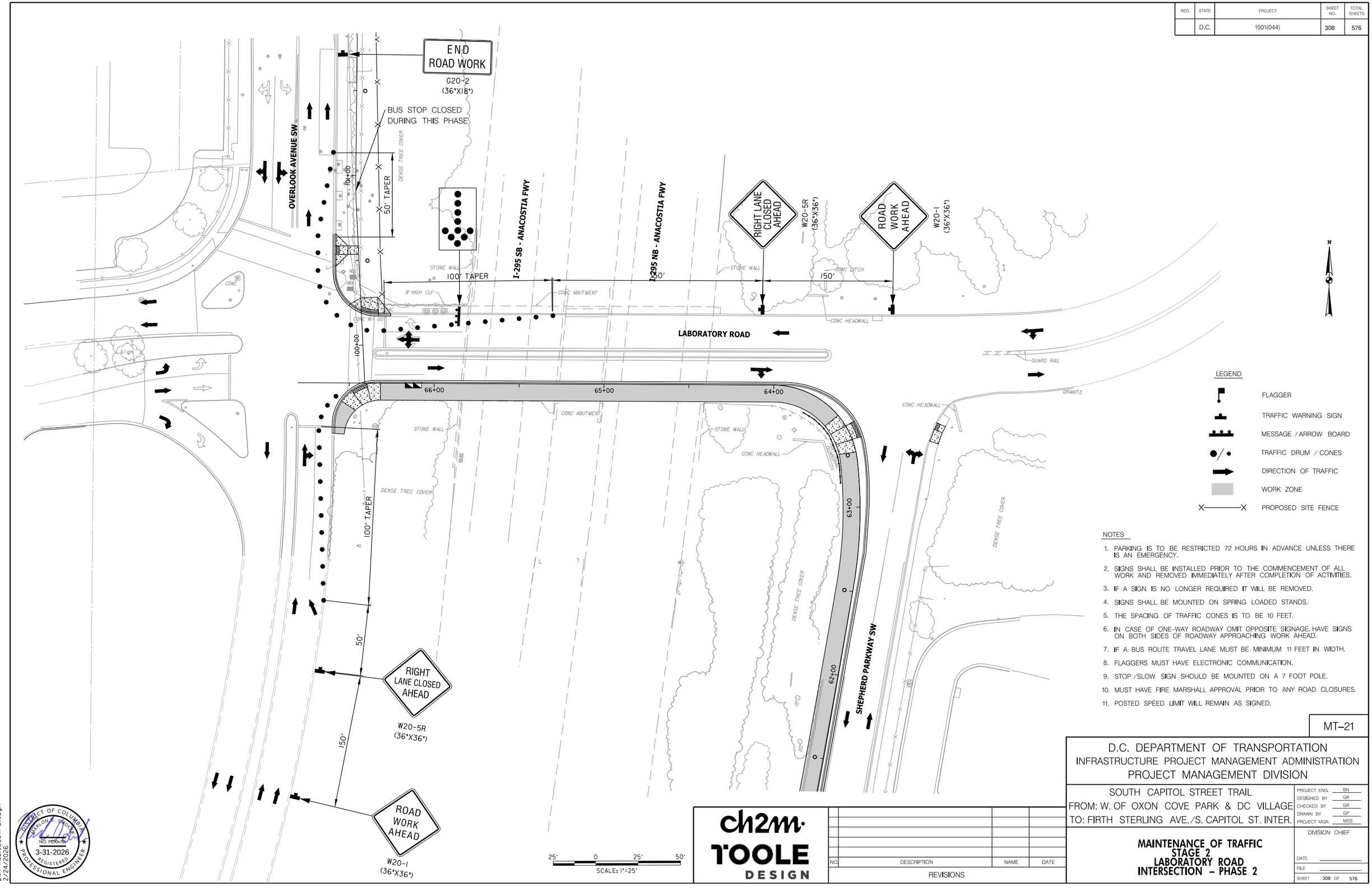
PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

MAINTENANCE OF TRAFFIC
STAGE 2
LABORATORY ROAD
PHASE 1

DIVISION CHIEF
DATE
FILE
SHEET 307 OF 576

pMT-P020_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	308	576



LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE
- PROPOSED SITE FENCE

NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

MT–21

DISTRICT OF COLUMBIA — DARLON D. SIMONS — NO. PE004706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

pMT-P02I_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC STAGE 2 LABORATORY ROAD INTERSECTION – PHASE 2

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

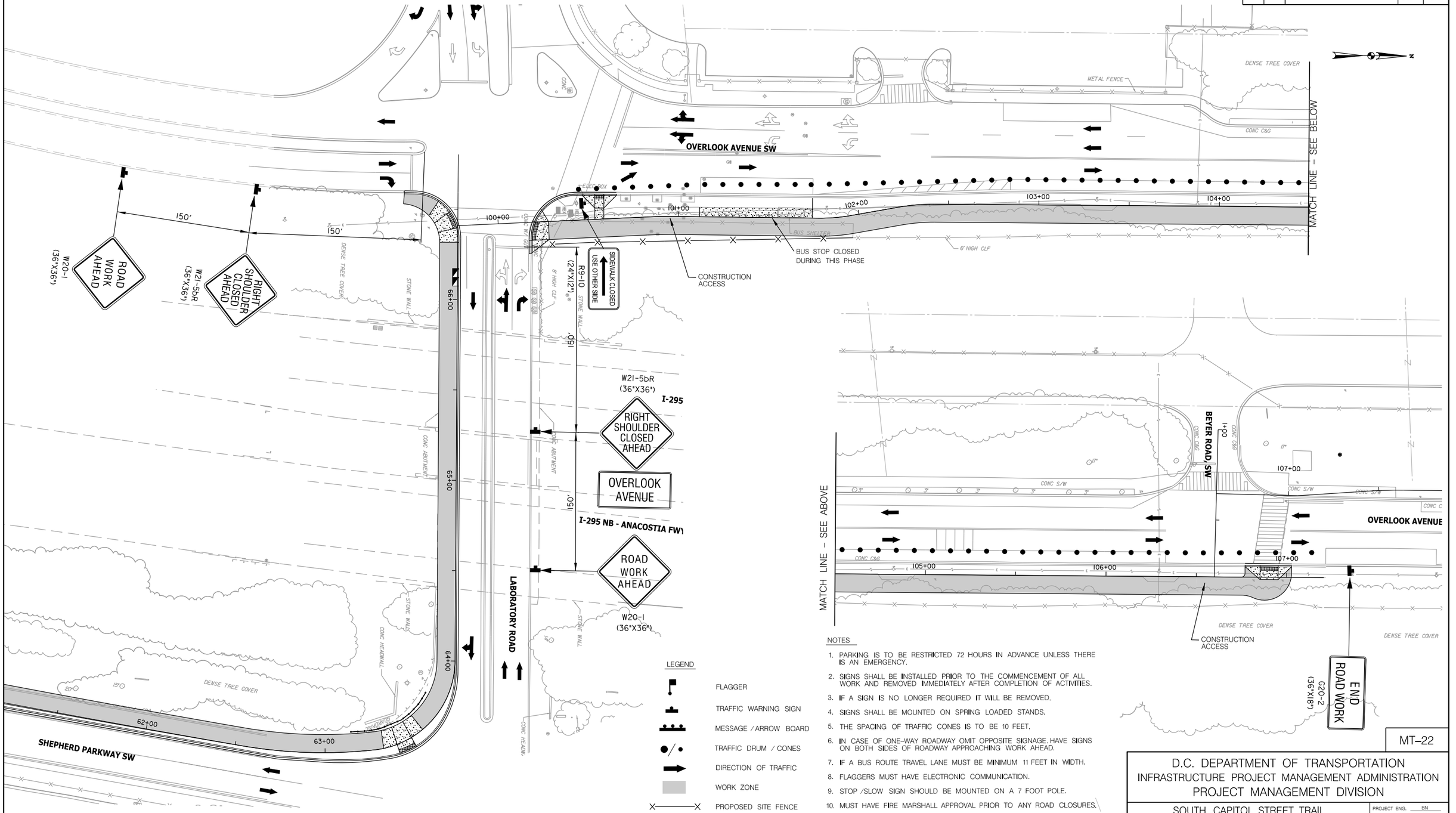
DIVISION CHIEF

DATE

FILE

SHEET 308 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	309	576



NOTES

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9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

DISTRICT OF COLUMBIA
DARLON G. SMOAK
NO. PE014706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT-22

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

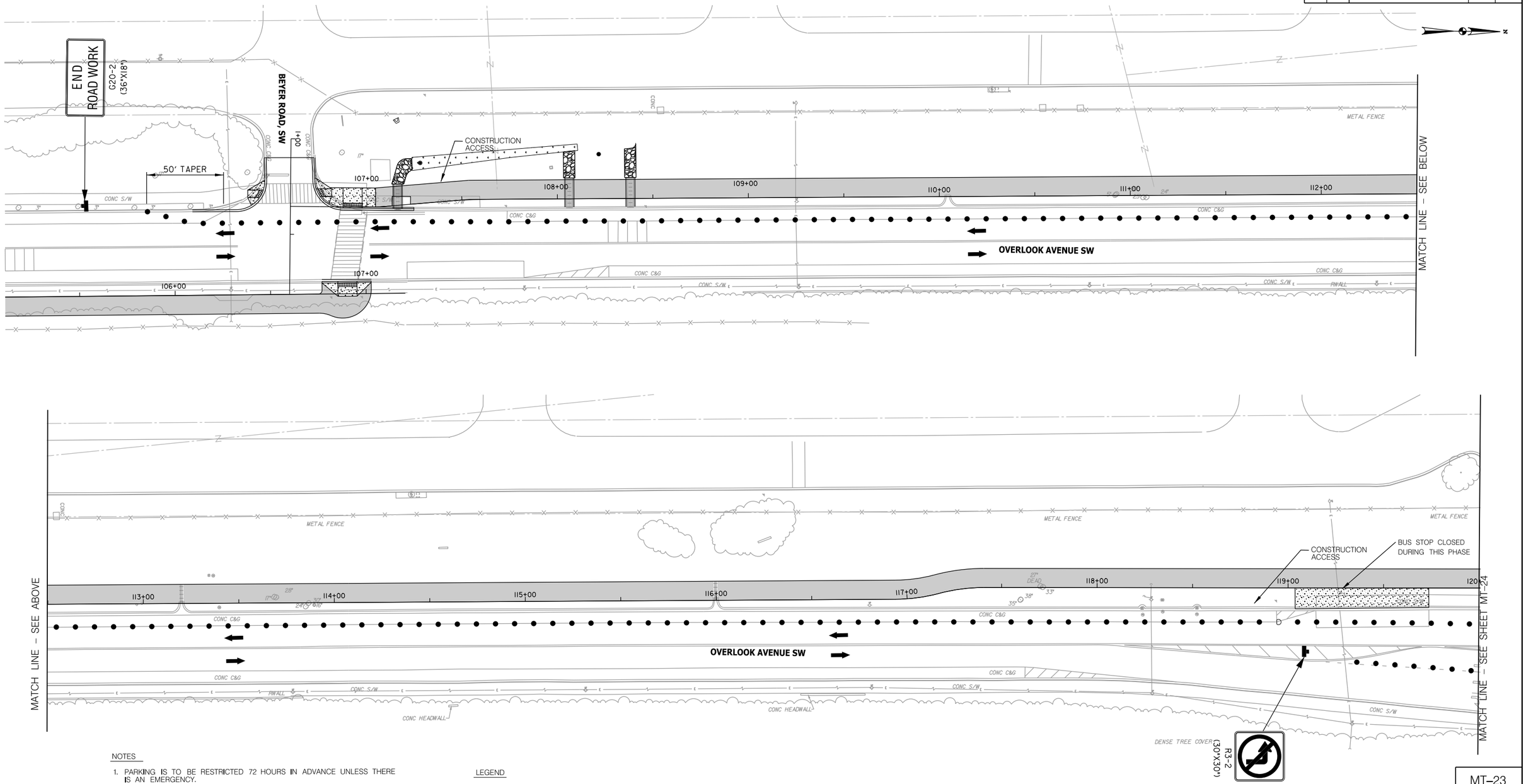
MAINTENANCE OF TRAFFIC
STAGE 2
OVERLOOK AVENUE
PHASE 1

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF
DATE
FILE
SHEET 309 OF 576

pMT-P022_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	310	576



NOTES

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11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25′ 0 25′ 50′
SCALE: 1"=25′

DISTRICT OF COLUMBIA
SHARLON D. SHOWE
NO. PE904796
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

MT–23

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

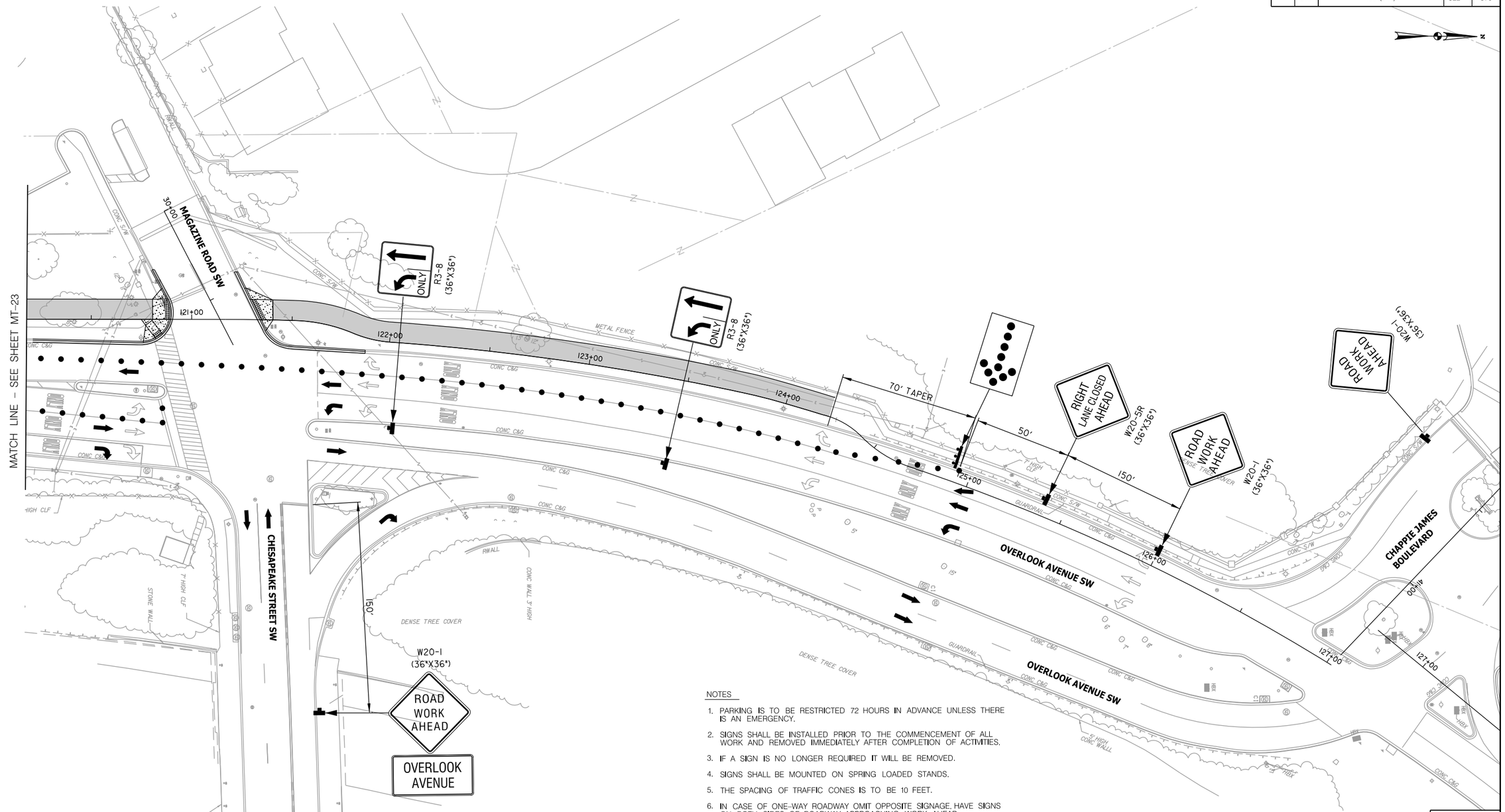
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 2
OVERLOOK AVENUE
PHASE 2

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS
DIVISION CHIEF	
DATE	
FILE	
SHEET	310 OF 576

pMT-P023_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	311	576



NOTES

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LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
SHARON D. SNOOKS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT-24

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 2
OVERLOOK AVENUE
PHASE 2

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

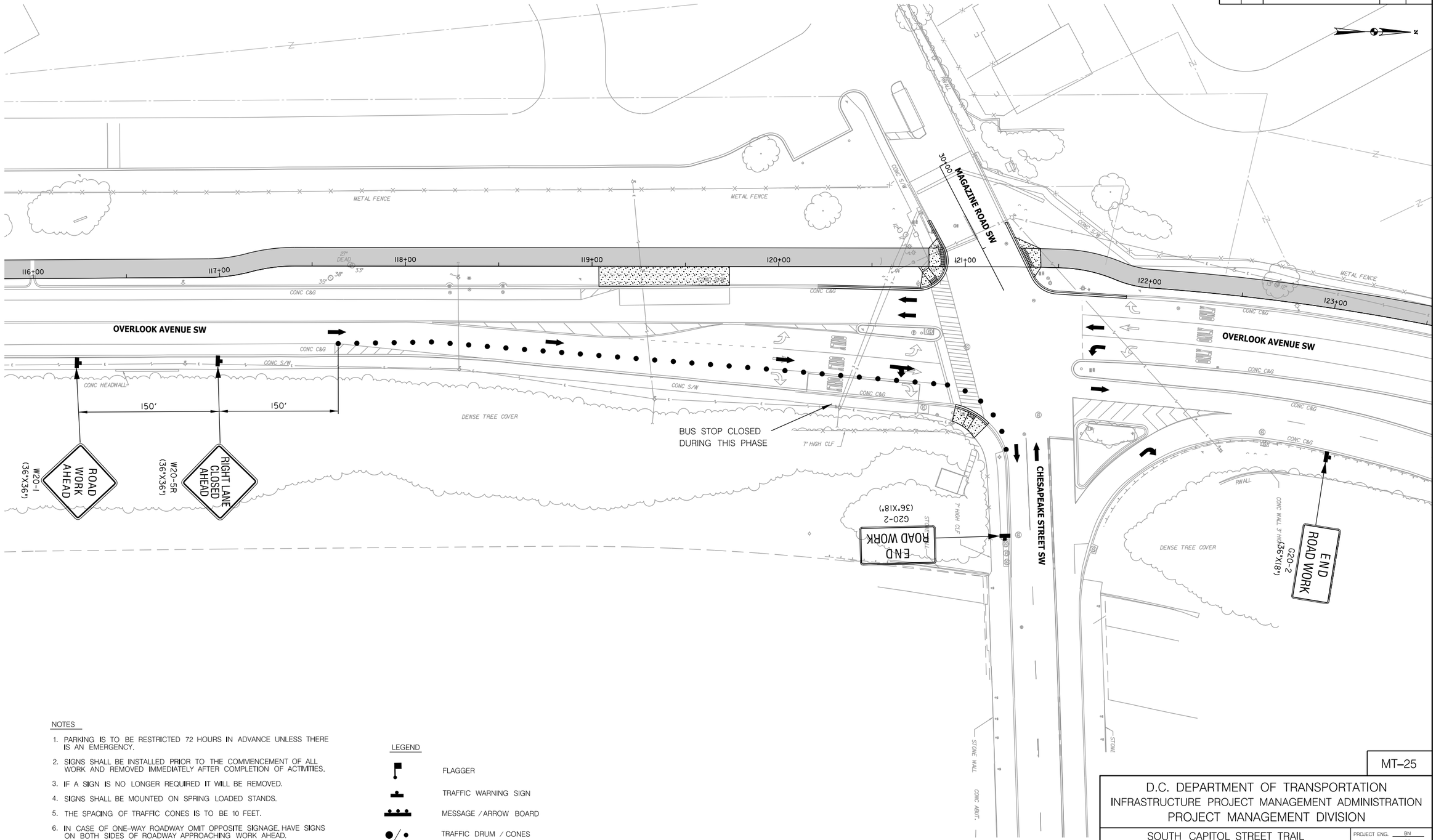
DATE

FILE

SHEET 311 OF 576

pMT-P024_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	312	576



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LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
RAMLON G. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

MT-25

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 2
OVERLOOK AVENUE
PHASE 2

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

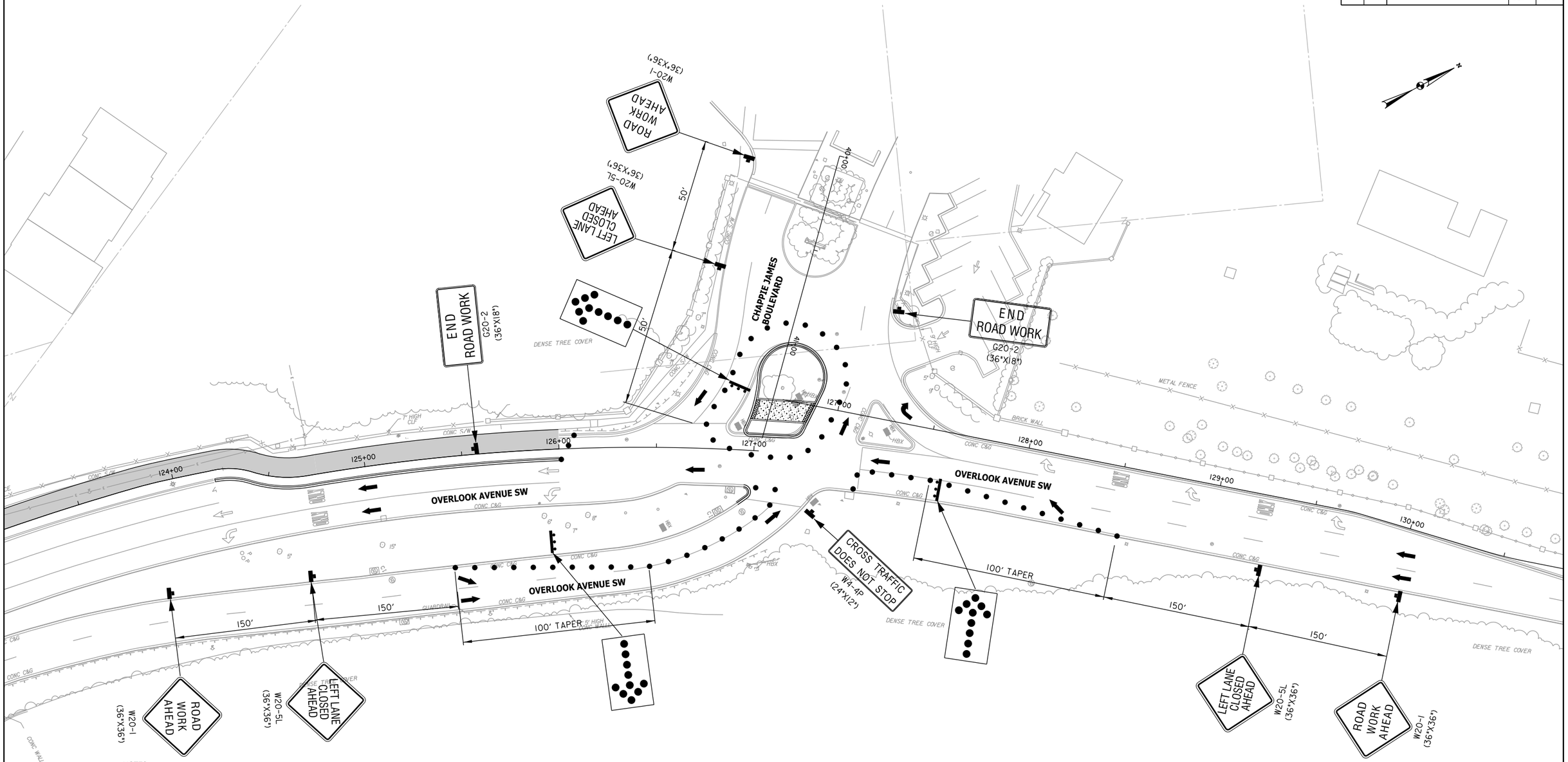
DATE

FILE

SHEET 312 OF 576

pMT-P025_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	313	576



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LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA — DARLON D. SIMONS — NO. PE904706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT-26

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

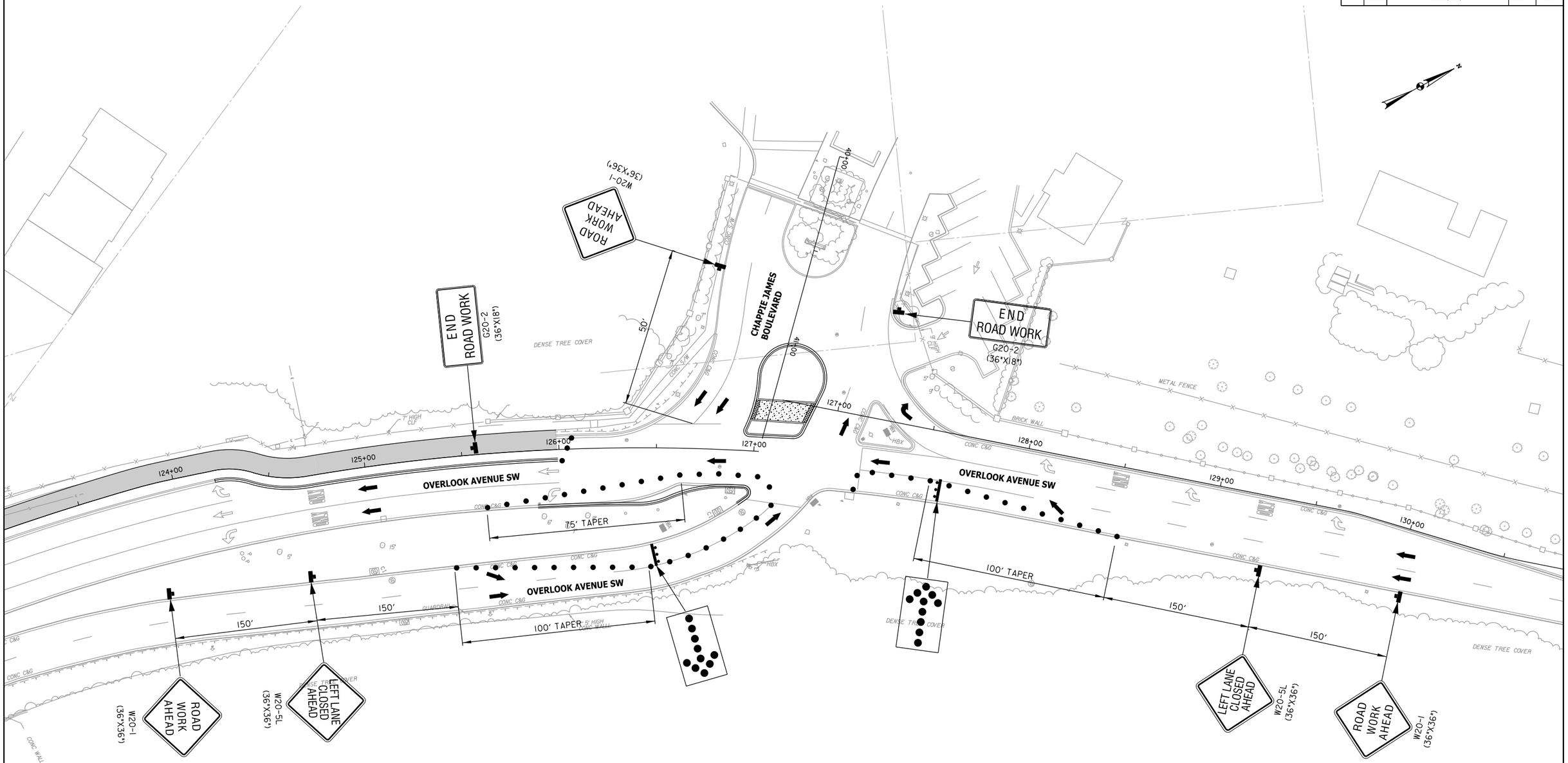
MAINTENANCE OF TRAFFIC STAGE 2 OVERLOOK AVENUE INTERSECTION – PHASE 1

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF
DATE
FILE
SHEET 313 OF 576

pMT-P026.SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	314	576



NOTES

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LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
MARLON D. SMOOT
NO. PE904176
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pMT-P027_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT-27

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 2
OVERLOOK AVENUE
INTERSECTION – PHASE 2

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

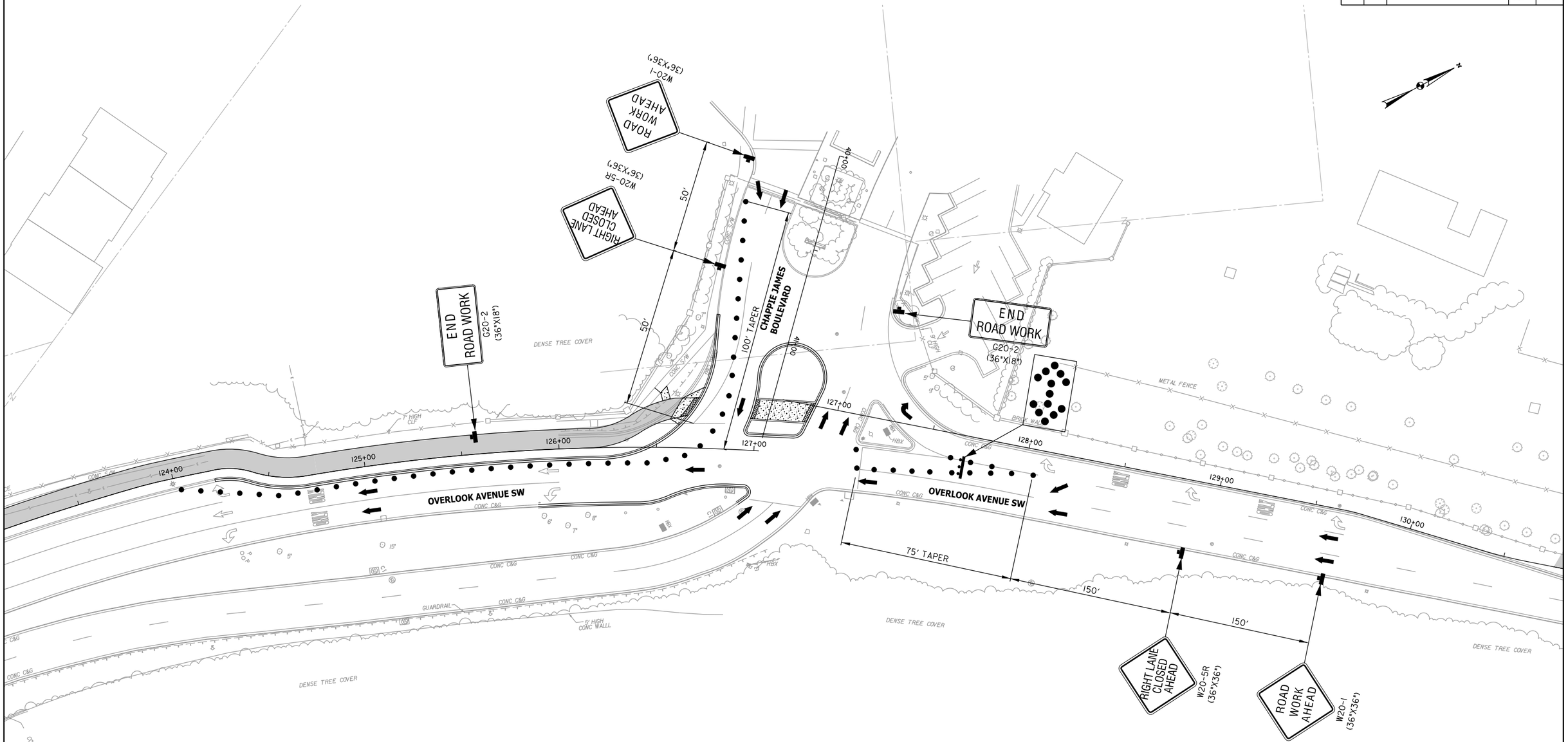
DIVISION CHIEF

DATE

FILE

SHEET 314 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	315	576



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LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
No. PE024706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pMT-P028_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

MT-28

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

MAINTENANCE OF TRAFFIC STAGE 2 OVERLOOK AVENUE INTERSECTION – PHASE 3

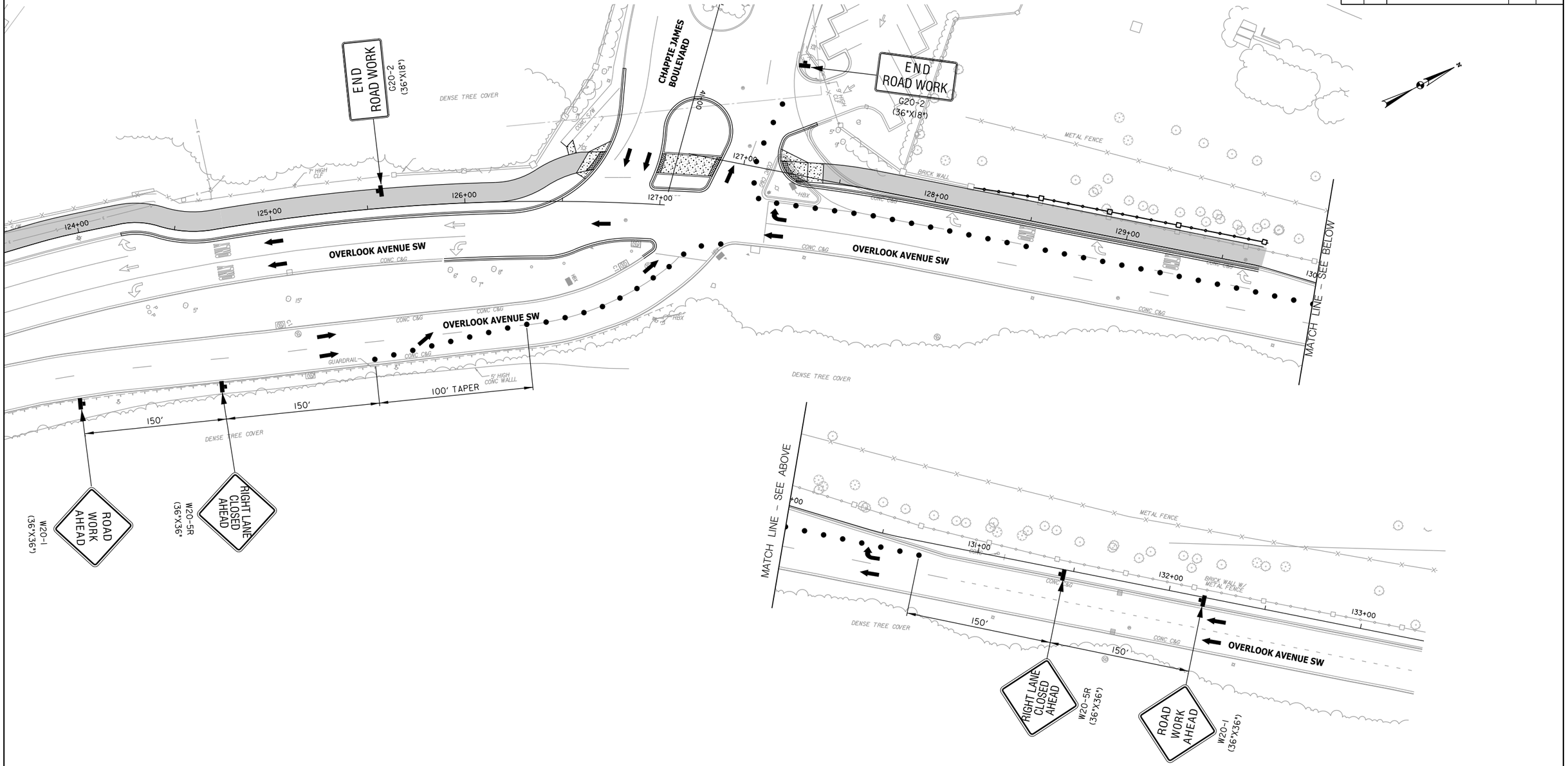
DIVISION CHIEF

DATE

FILE

SHEET 315 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	316	576



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LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA — DARLON D. SIMONS — NO. PE904796 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

pMT-P029_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

MT–29

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC STAGE 2 OVERLOOK AVENUE INTERSECTION – PHASE 4

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF
DATE
FILE
SHEET 316 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	317	576

END ROAD WORK G20-2 (36"X18")

CHAPPIE JAMES BOULEVARD

END ROAD WORK G20-2 (36"X18")

RIGHT LANE CLOSED AHEAD W20-5R (36"X36")

RIGHT SHOULDER CLOSED AHEAD W21-5BR (36"X36")

ROAD WORK AHEAD W20-1 (36"X36")

OVERLOOK AVENUE SW

RAMP FROM I-295 SOUTHBOUND

ANACOSTIA FREEWAY (I-295 SB)

MATCH LINE – SEE BELOW

MATCH LINE – SEE ABOVE

126+00 127+00 127+00 128+00 129+00 130+00 131+00 132+00 133+00 134+00 135+00 136+00 137+00 138+00 139+00 140+

150′ 150′ 150′

DENSE TREE COVER

METAL FENCE

BRICK WALL W/ METAL FENCE

CONC C&G

CONC CURB

GUARDRAIL

CONC S/W

5' HIGH CONC WALL

HBX

NOTES

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8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

FLAGGER

TRAFFIC WARNING SIGN

MESSAGE / ARROW BOARD

TRAFFIC DRUM / CONES

DIRECTION OF TRAFFIC

WORK ZONE

25′ 0 25′ 50′

SCALE: 1"=25′

DISTRICT OF COLUMBIA
RAMON G. SMOAK
NO. PE901790
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pMT-P030_SCSTr-all.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT–30

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 2
OVERLOOK AVENUE
PHASE 3

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

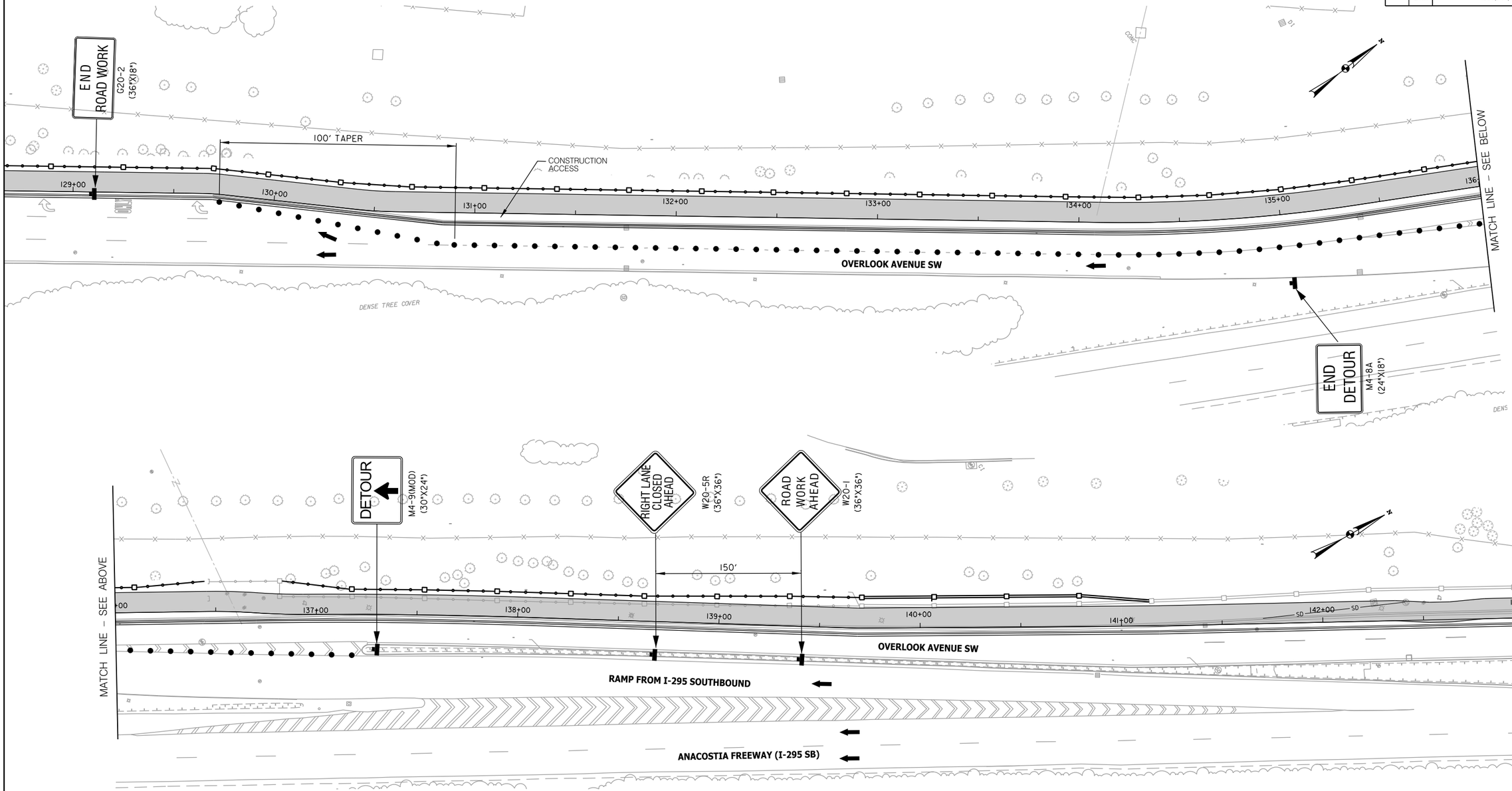
DIVISION CHIEF

DATE

FILE

SHEET 317 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	318	576



NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
DARLON D. SIMONE
NO. PE50178
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pMT-P03i_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT–31

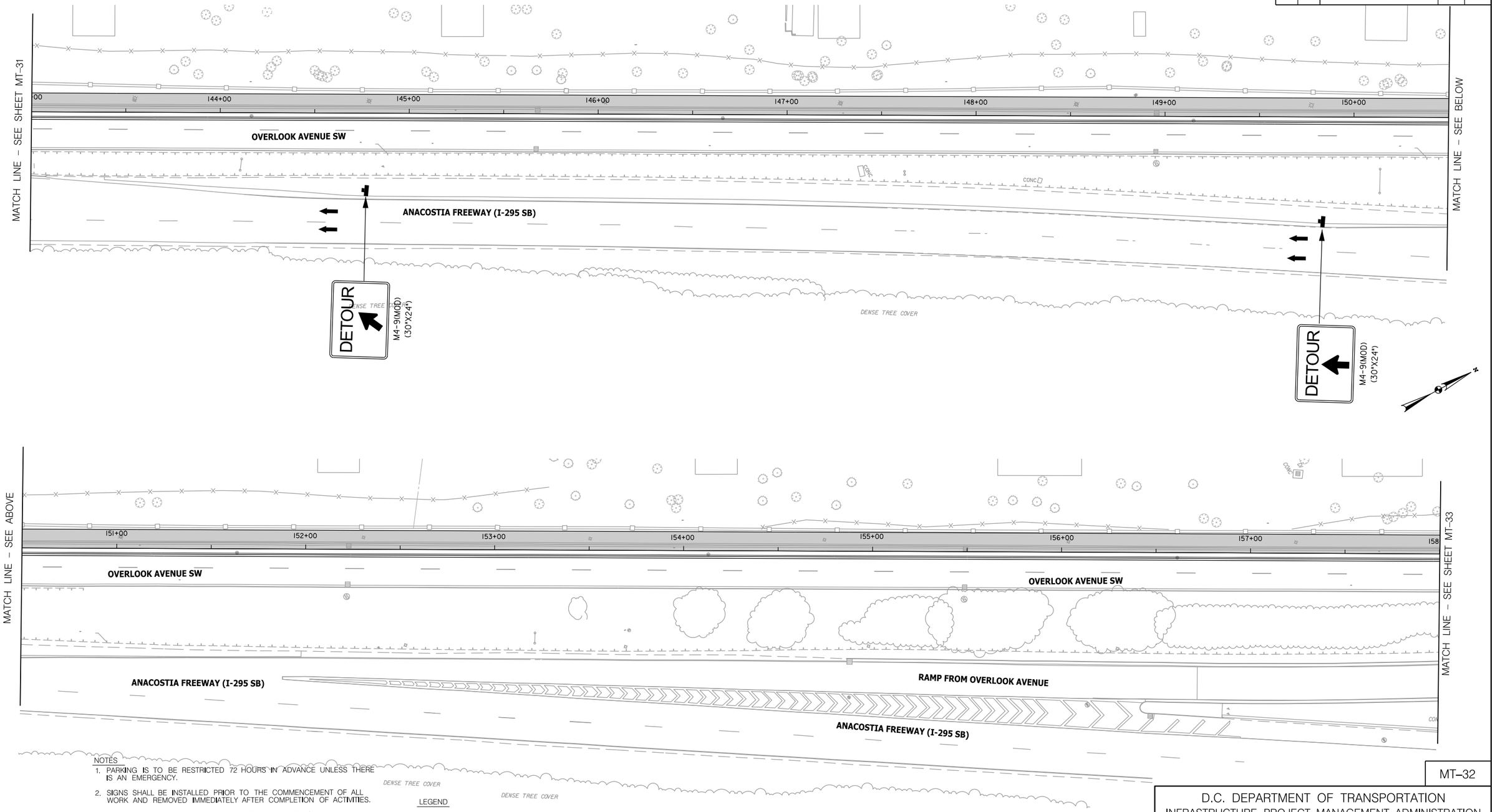
D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 2
OVERLOOK AVENUE
PHASE 4

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS
DIVISION CHIEF	
DATE	
FILE	
SHEET	318 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	319	576



NOTES

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11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25′ 0 25′ 50′
SCALE: 1"=25′

DISTRICT OF COLUMBIA
MARION G. SMOLA
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT–32

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 2
OVERLOOK AVENUE
PHASE 4

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

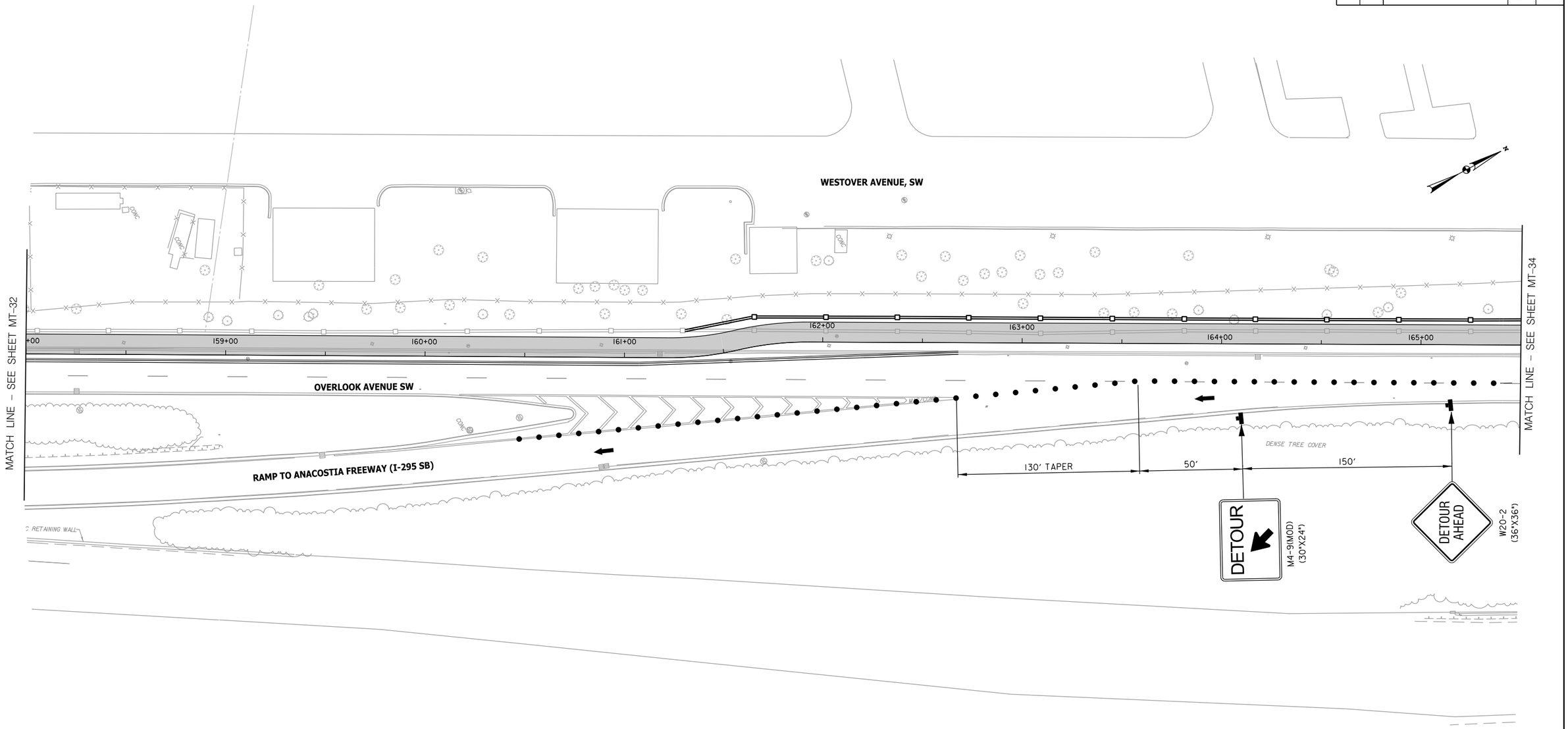
DATE

FILE

SHEET 319 OF 576

pMT-P032_SCSTr-oli.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	320	576



NOTES

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11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE009700
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT–33

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

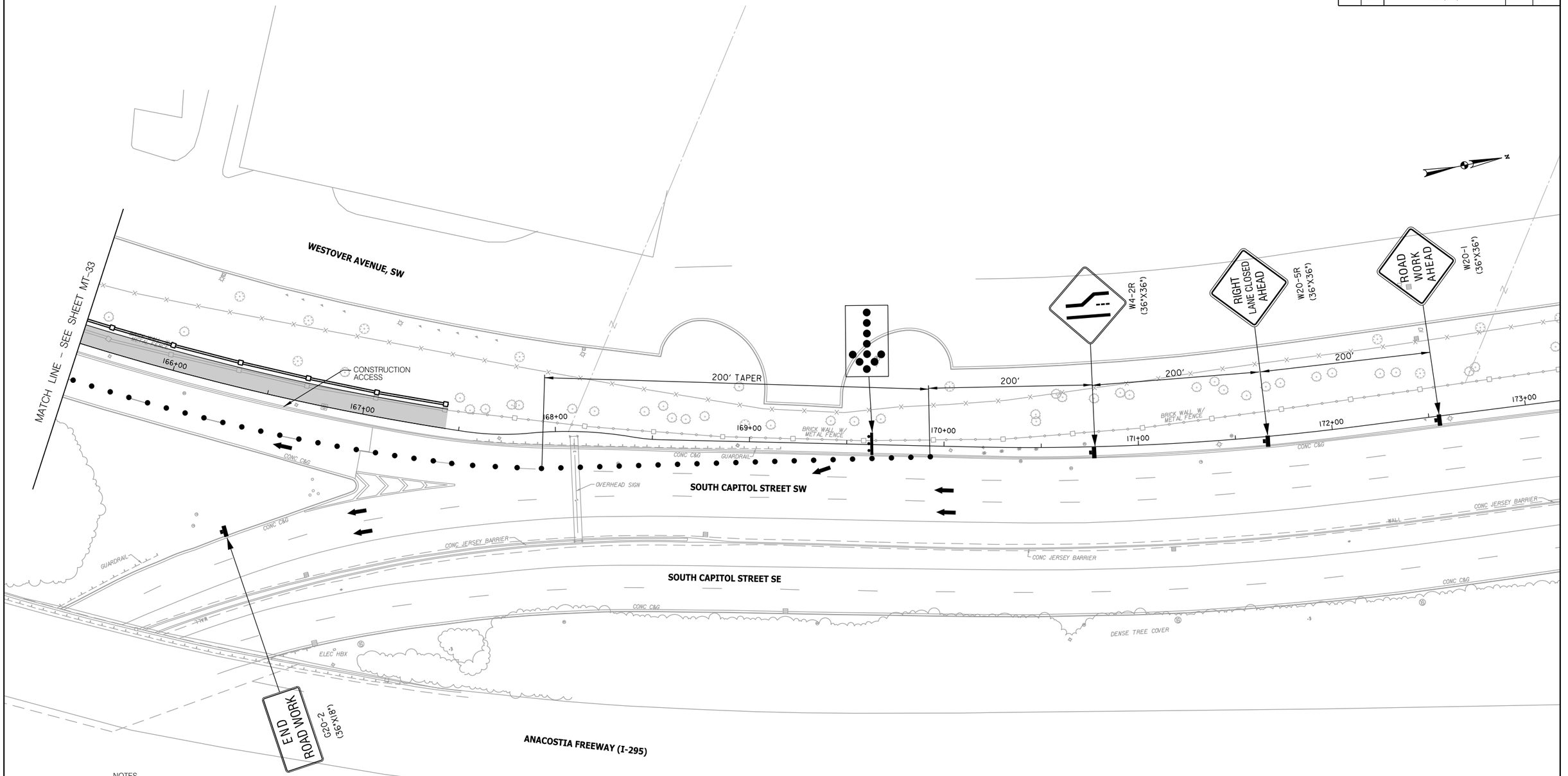
MAINTENANCE OF TRAFFIC
STAGE 2
OVERLOOK AVENUE
PHASE 4

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF
DATE
FILE
SHEET 320 OF 576

pMT-P033_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	321	576



NOTES

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LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA — DARRON D. SIMONS — NO. PE010700 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT–34

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 2
OVERLOOK AVENUE
PHASE 4

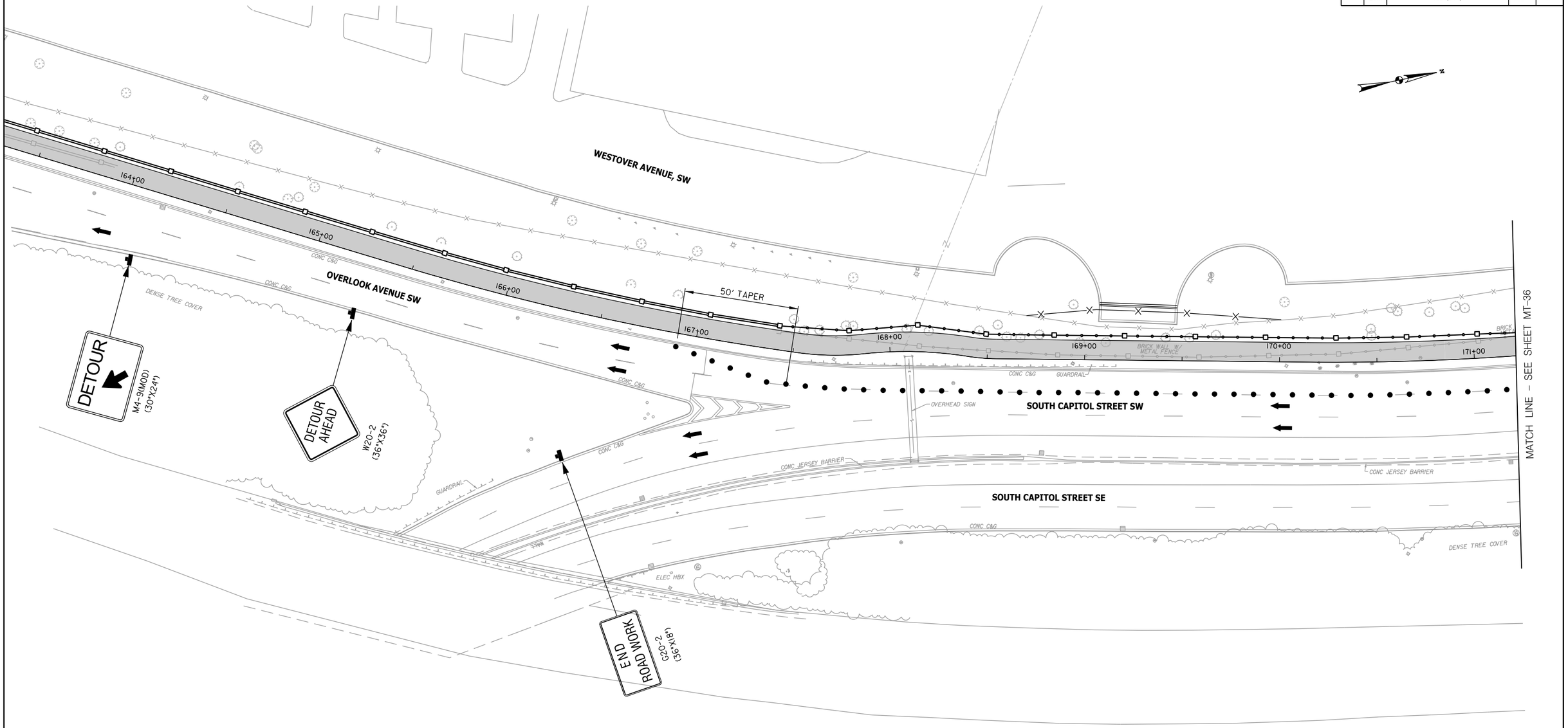
PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

DATE
FILE
SHEET 321 OF 576

pMT-P034_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	322	576



NOTES

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11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
MARLON D. SINCLAIR
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT-35

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

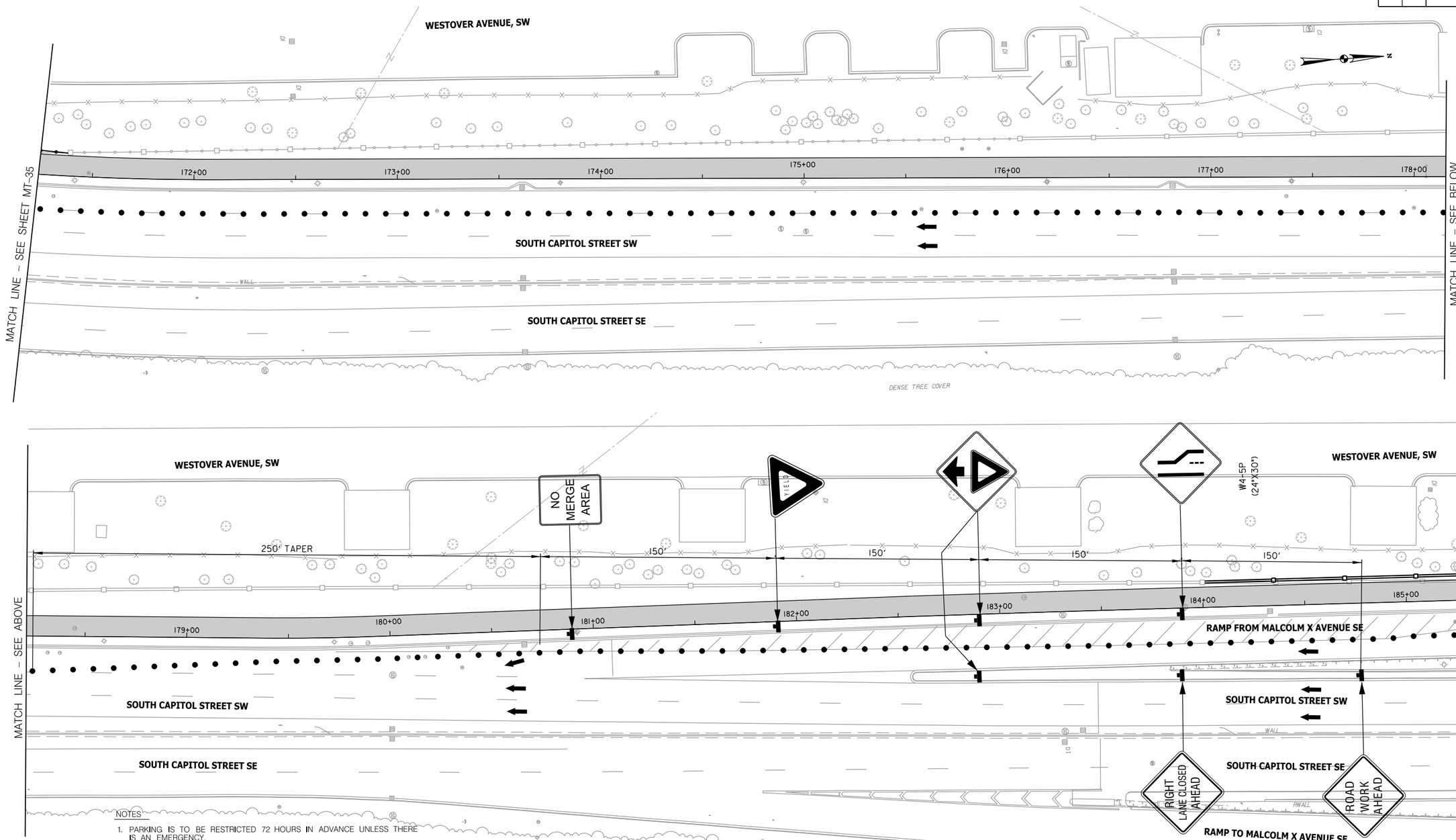
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 3
SOUTH CAPITOL STREET
PHASE 1

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS
DIVISION CHIEF	
DATE	
FILE	
SHEET	322 OF 576

pMT-P035_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	323	576



NOTES

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11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA — DARLON D. SIMONS — NO. PE904706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

pMT-P036_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

MT–36

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

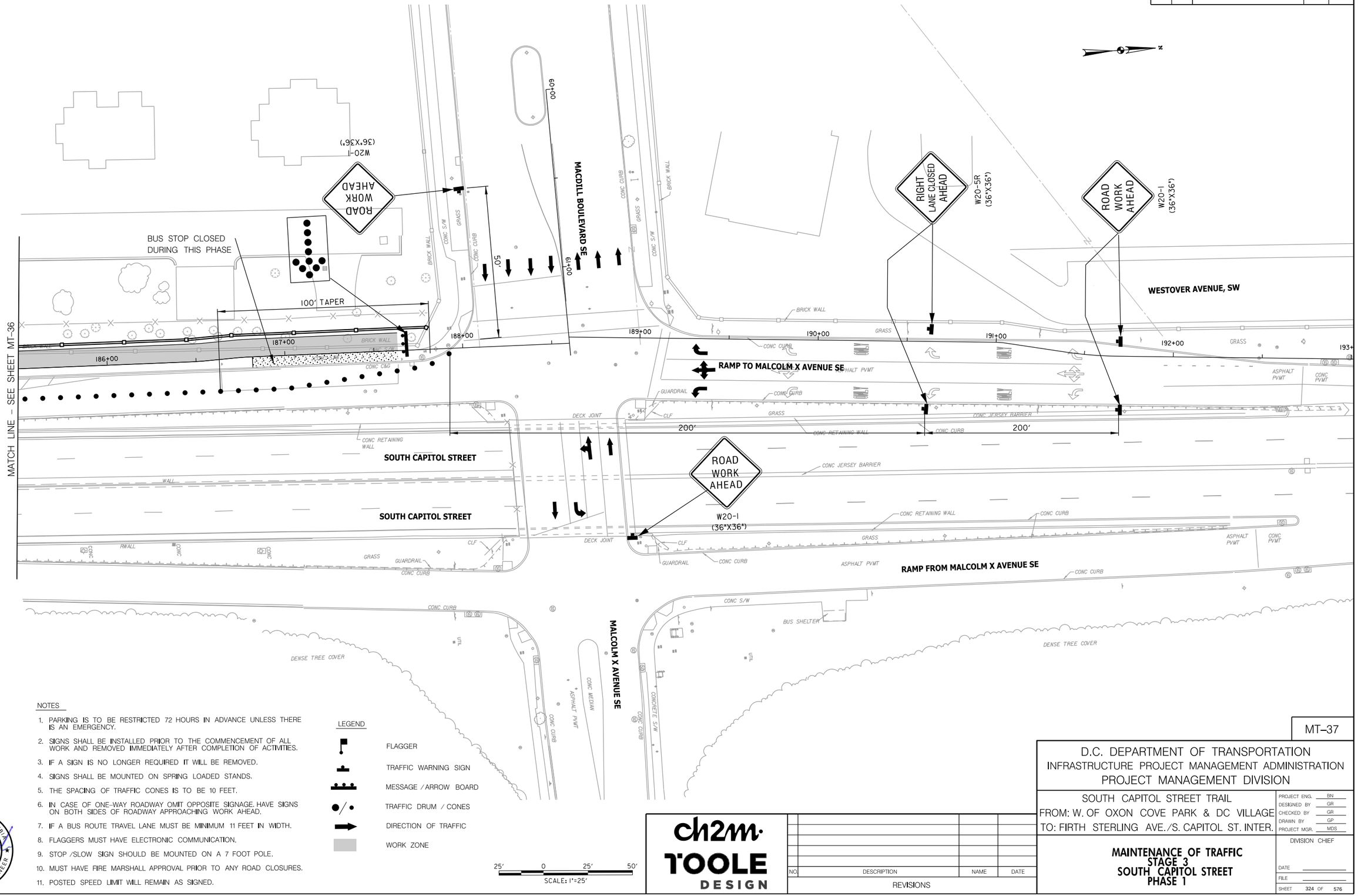
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

MAINTENANCE OF TRAFFIC
STAGE 3
SOUTH CAPITOL STREET
PHASE 1

DIVISION CHIEF
DATE
FILE
SHEET 323 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	324	576



NOTES

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LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
CARLON D. SIMONE
NO. PE30776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pMT-P037_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

MT–37

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

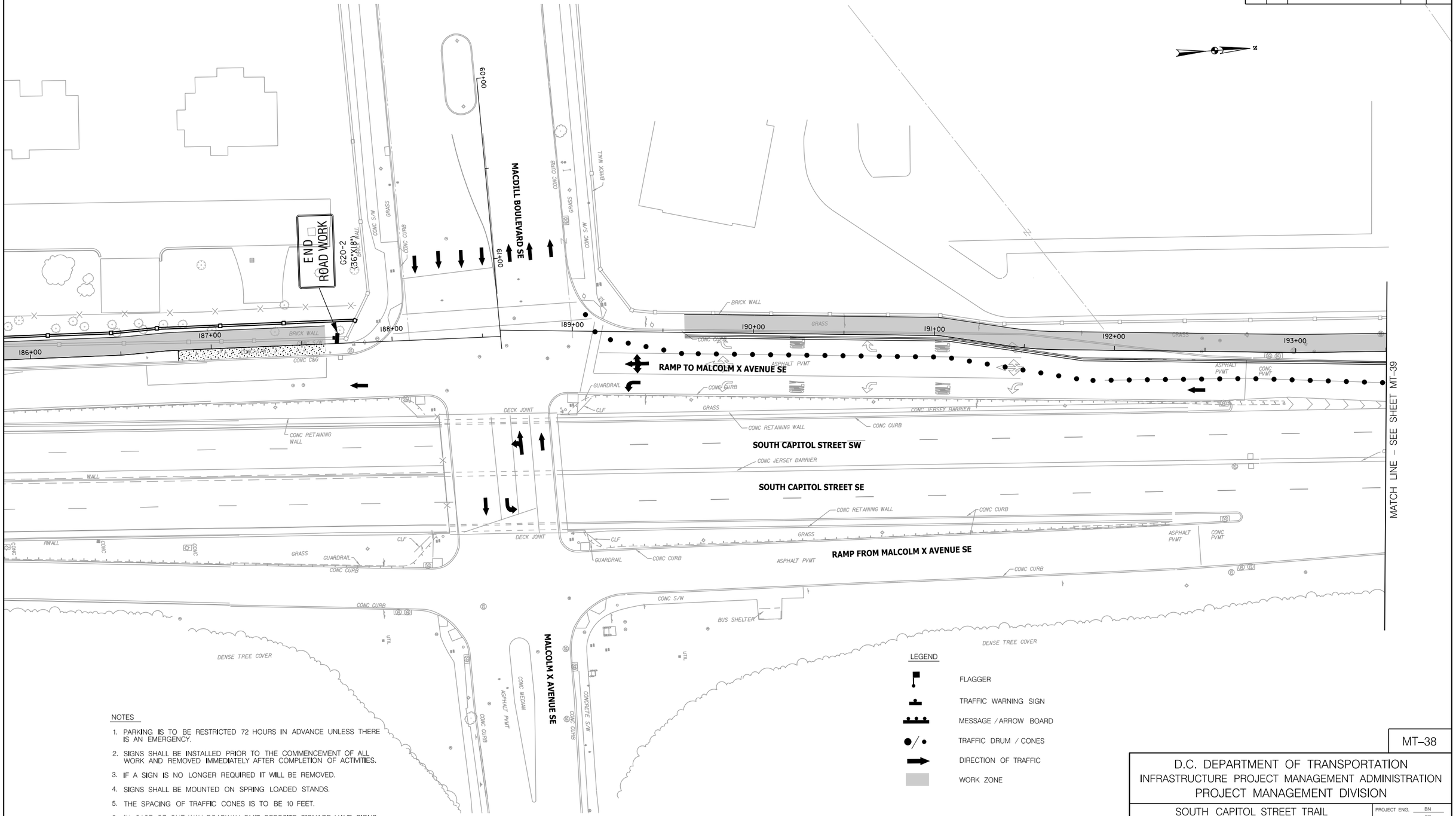
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 3
SOUTH CAPITOL STREET
PHASE 1

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF
DATE
FILE
SHEET 324 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	325	576



NOTES

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LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
DARLON G. SMOAK
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pMT-P038_SCSTr-all.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT–38

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

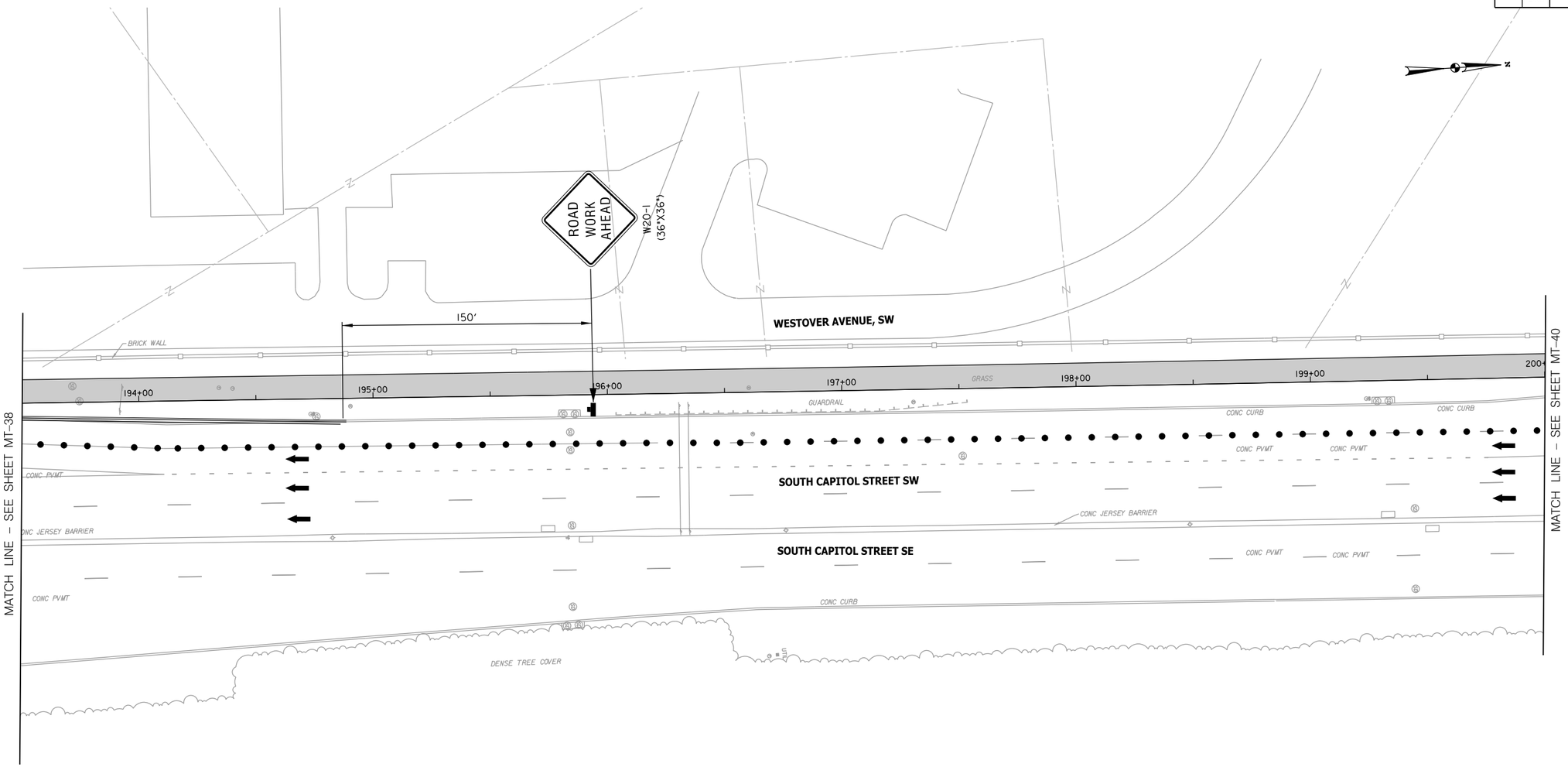
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 3
SOUTH CAPITOL STREET
PHASE 2

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF
DATE
FILE
SHEET 325 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	326	576



NOTES

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LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
DARIN O. SIMONS
NO. PE901760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT-39

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

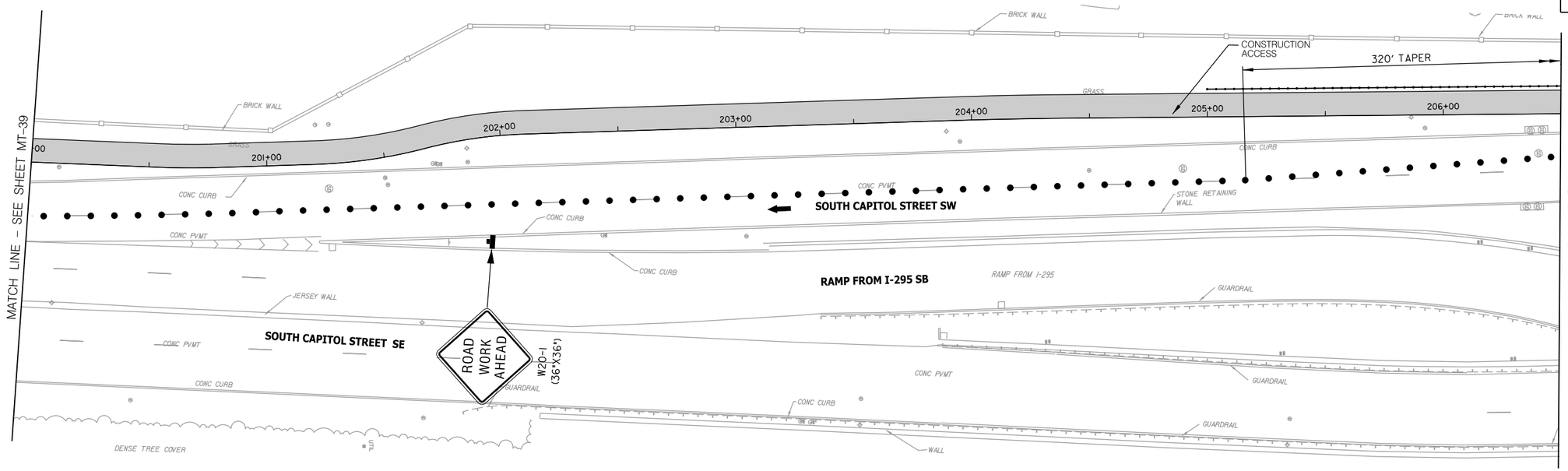
MAINTENANCE OF TRAFFIC
STAGE 3
SOUTH CAPITOL STREET
PHASE 2

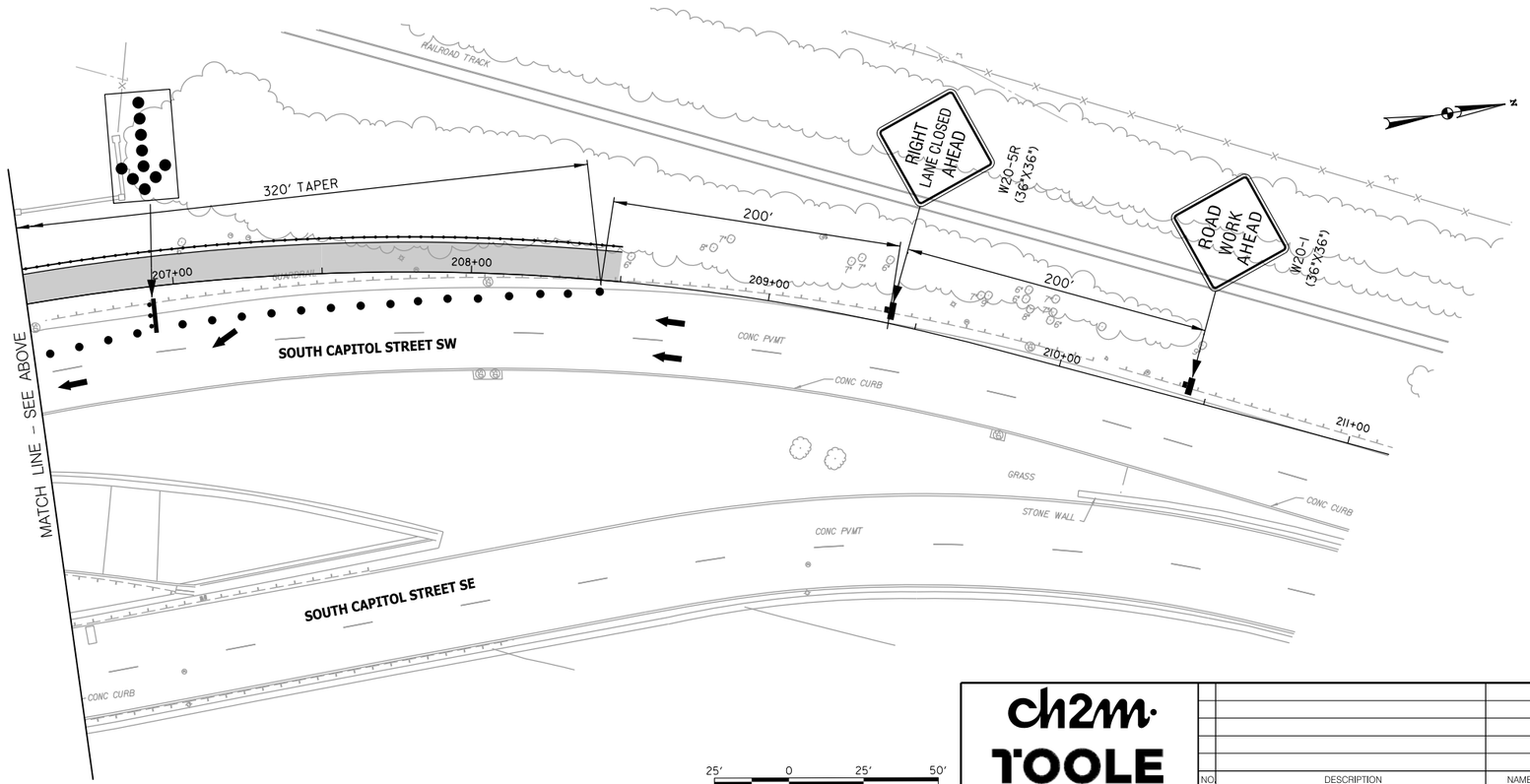
DIVISION CHIEF

DATE
FILE
SHEET 326 OF 576

pMT-P039_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	327	576





25' 0 25' 50'
SCALE: 1"=25'

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP / SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

MT–40

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE047[illegible]
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 3
SOUTH CAPITOL STREET
PHASE 2

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

DATE

FILE

SHEET 327 OF 576

pMT-P040_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	328	576

SIDEWALK CLOSED
USE OTHER SIDE
R9-10
(24"X12")

END
ROAD WORK
G20-2
(36"X18")

MACDILL BOULEVARD SE

END
ROAD WORK
G20-2
(36"X18")

RIGHT
LANE CLOSED
AHEAD
W20-5R
(36"X36")

ROAD
WORK
AHEAD
W20-1
(36"X36")

WESTOVER AVENUE, SW
200'
200'

RAMP TO MALCOLM X AVENUE SE

SOUTH CAPITOL STREET

SOUTH CAPITOL STREET

ROAD
WORK
AHEAD
W20-1
(36"X36")

RAMP FROM MALCOLM X AVENUE SE

MALCOLM X AVENUE SE

187+00 188+00 189+00 190+00 191+00 192+00 193+00 194+00 60+00 61+00

BRICK WALL, CONC S/W, GRASS, CONC CURB, CONC C&G, ASPHALT PVMT, GUARDRAIL, CLF, DECK JOINT, CONC RETAINING WALL, CONC JERSEY BARRIER, CONC PVMT, BUS SHELTER, DENSE TREE COVER, CONC MEDIAN, CONCRETE S/W, UTL

NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
SHARON D. SHORT
No. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pMT-P041_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

MT-41

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

MAINTENANCE OF TRAFFIC
STAGE 3
SOUTH CAPITOL STREET
INTERSECTION – PHASE 1

DIVISION CHIEF
DATE
FILE
SHEET 328 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	329	576

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
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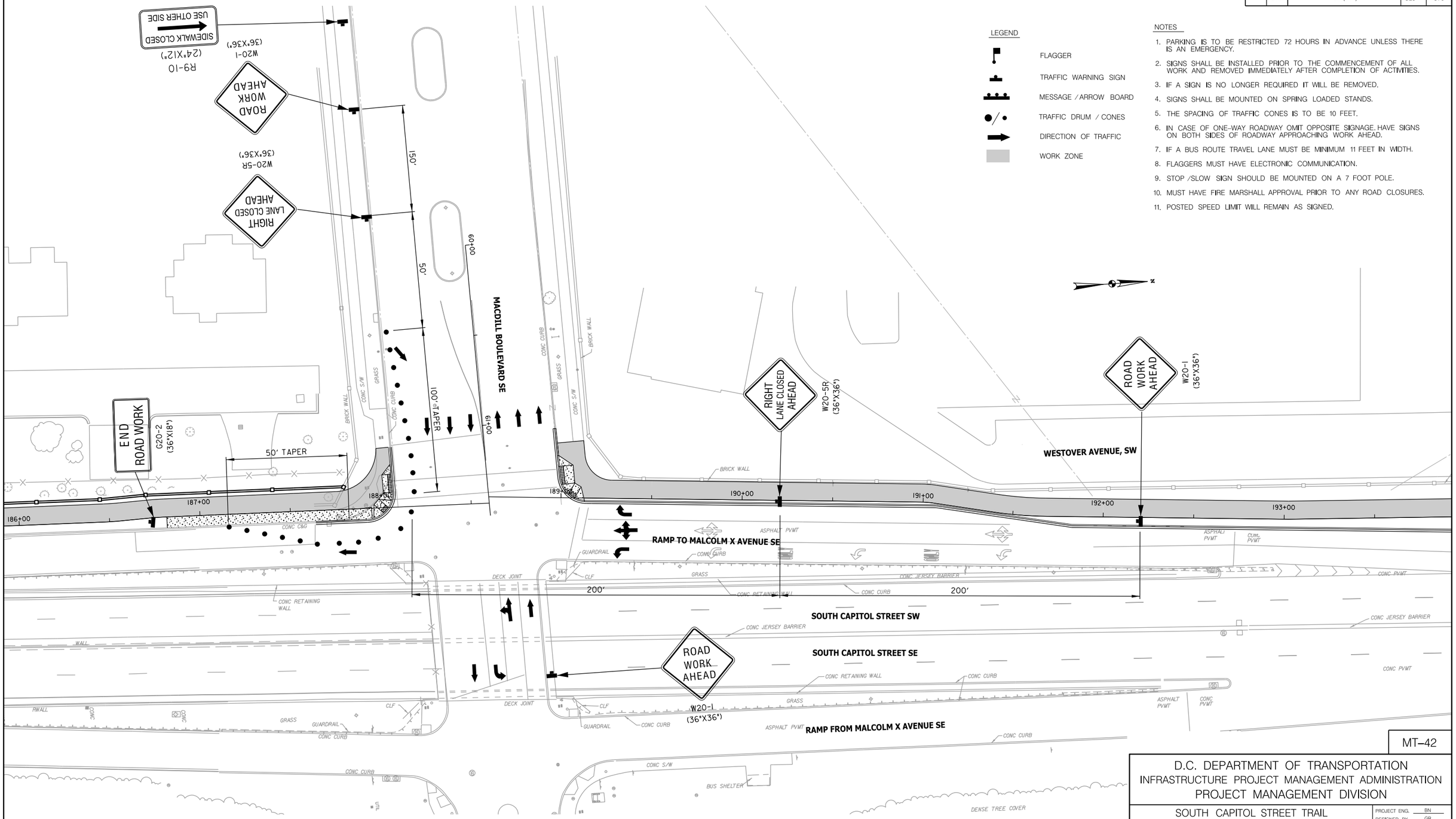


MT–42

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

MAINTENANCE OF TRAFFIC STAGE 3 SOUTH CAPITOL STREET INTERSECTION – PHASE 2

DIVISION CHIEF

DATE

FILE

SHEET 329 OF 576

NO	DESCRIPTION	NAME	DATE

REVISIONS

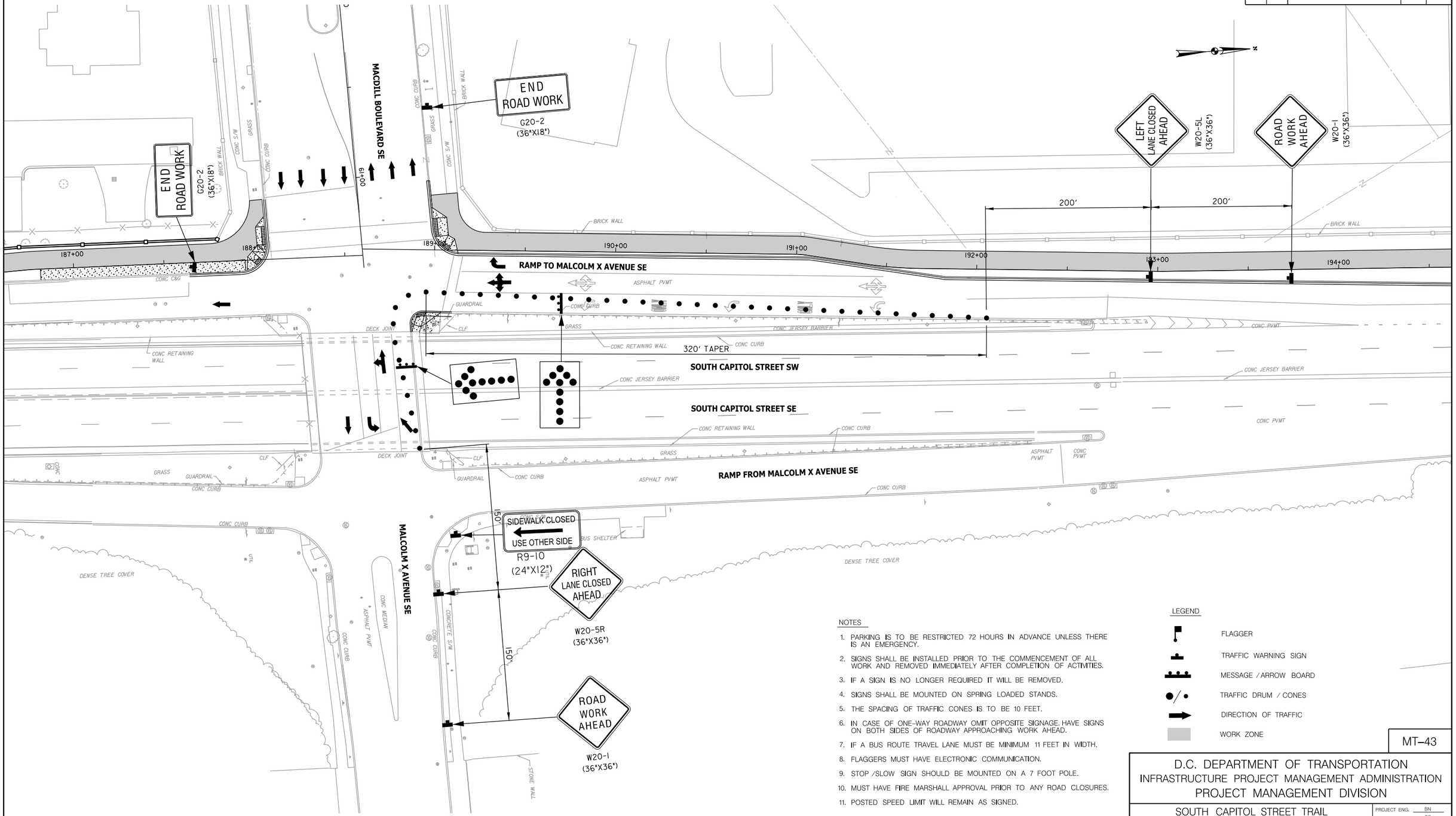
ch2m· TOOLE DESIGN

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA · SHARLON D. SIMONS · NO. PE004706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

pMT-P042_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	330	576



NOTES

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6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
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11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pMT-P043_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT–43

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

MAINTENANCE OF TRAFFIC
STAGE 3
SOUTH CAPITOL STREET
INTERSECTION – PHASE 3

DIVISION CHIEF

DATE

FILE

SHEET 330 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	331	576

NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
2. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ALL WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
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5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
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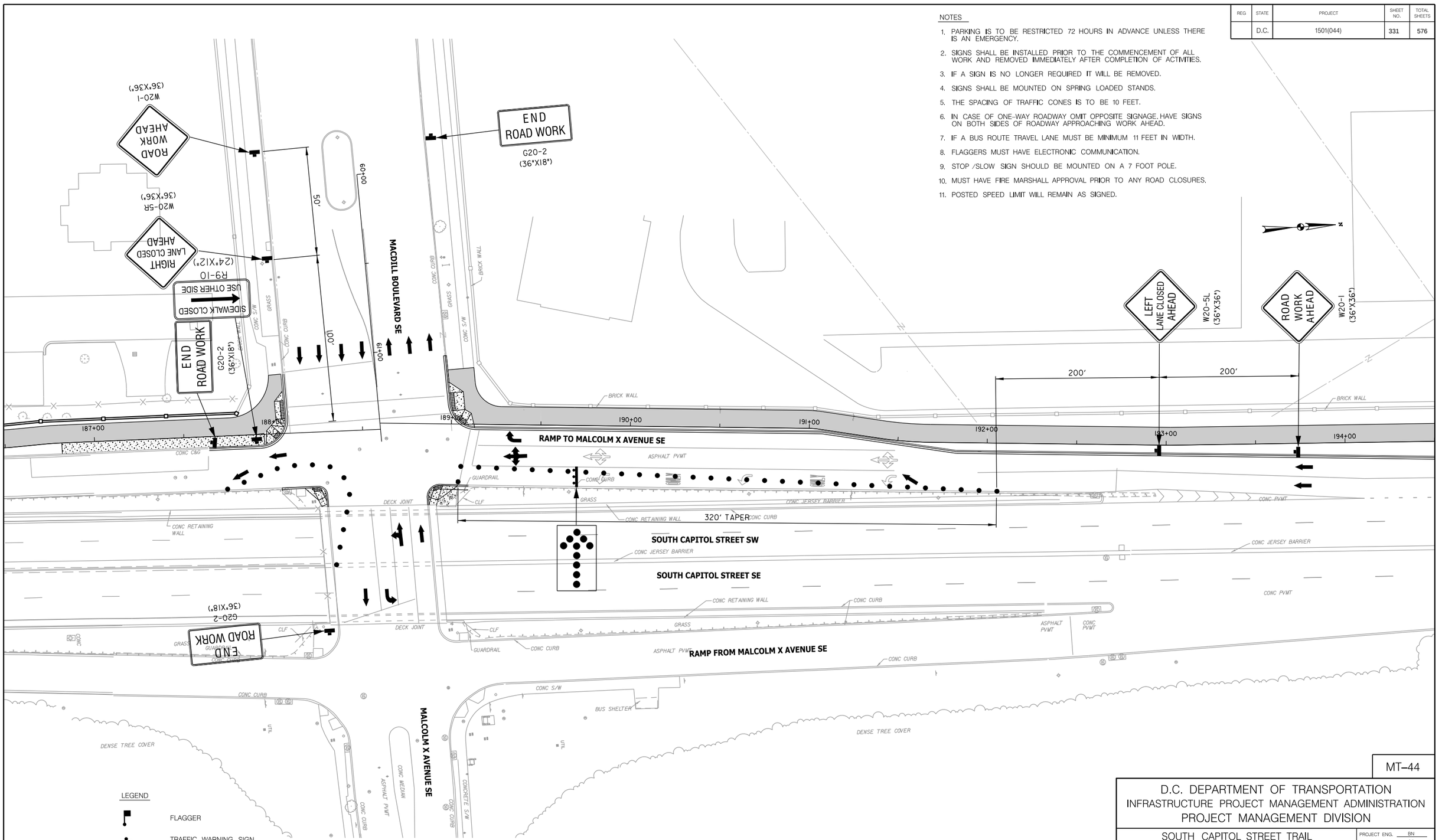
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.



LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

DISTRICT OF COLUMBIA
MARLON D. SINCLAIR
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

25' 0 25' 50'
SCALE: 1"=25'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MT–44

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

MAINTENANCE OF TRAFFIC
STAGE 3
SOUTH CAPITOL STREET
INTERSECTION – PHASE 4

DIVISION CHIEF

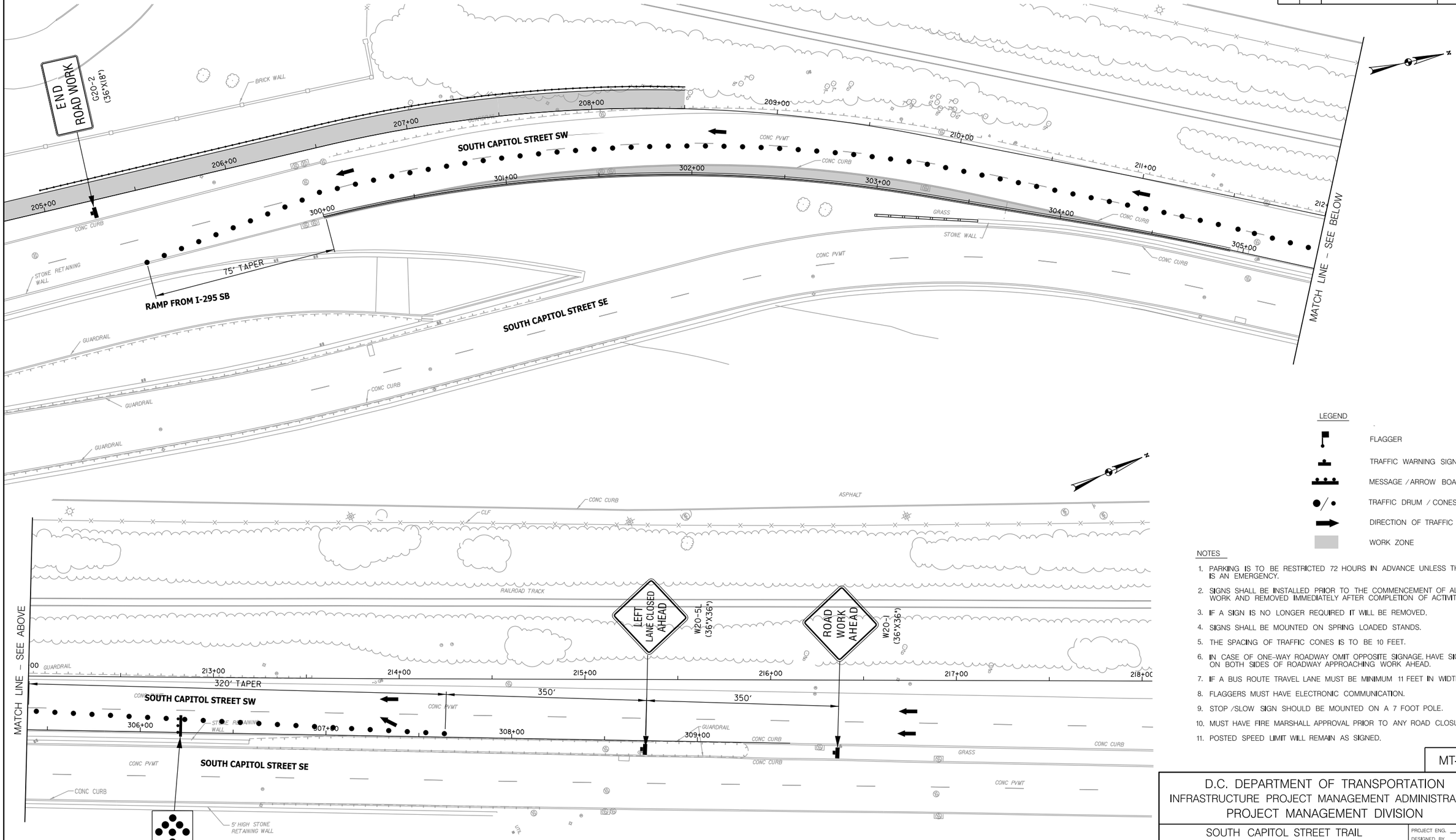
DATE

FILE

SHEET 331 OF 576

pMT-P044_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	332	576



LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
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3. IF A SIGN IS NO LONGER REQUIRED IT WILL BE REMOVED.
4. SIGNS SHALL BE MOUNTED ON SPRING LOADED STANDS.
5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

MT-45

DISTRICT OF COLUMBIA
MARION G. SMOAK
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 3
SOUTH CAPITOL STREET
PHASE 3

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

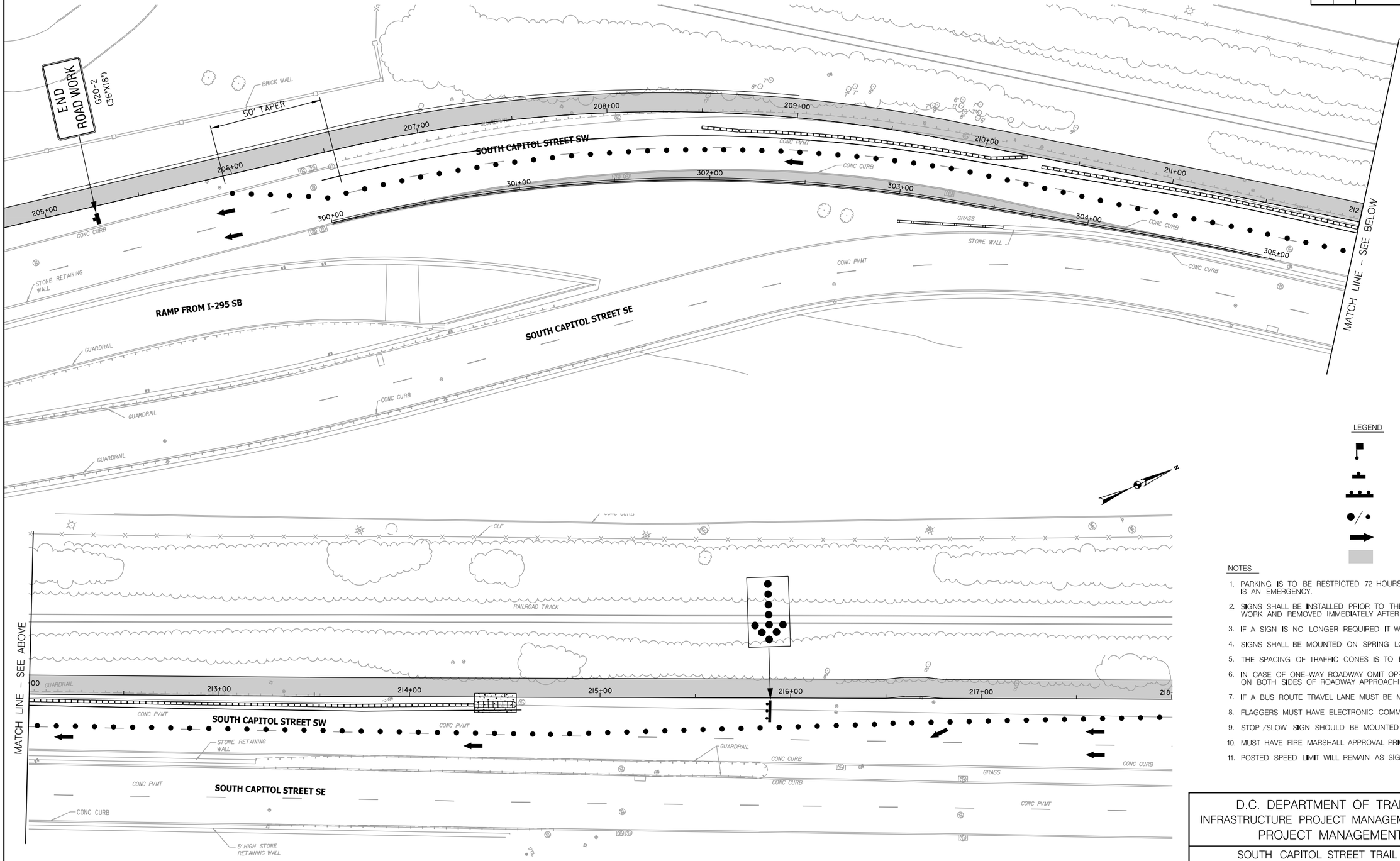
DATE

FILE

SHEET 332 OF 576

PMT-P045_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	333	576



LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

NOTES

1. PARKING IS TO BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
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5. THE SPACING OF TRAFFIC CONES IS TO BE 10 FEET.
6. IN CASE OF ONE-WAY ROADWAY OMIT OPPOSITE SIGNAGE. HAVE SIGNS ON BOTH SIDES OF ROADWAY APPROACHING WORK AHEAD.
7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

MT-46

DISTRICT OF COLUMBIA
MARION G. SMOAK
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

25' 0 25' 50'
SCALE: 1"=25'

ch2m
TOOLE
DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 3
SOUTH CAPITOL STREET
PHASE 4

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF

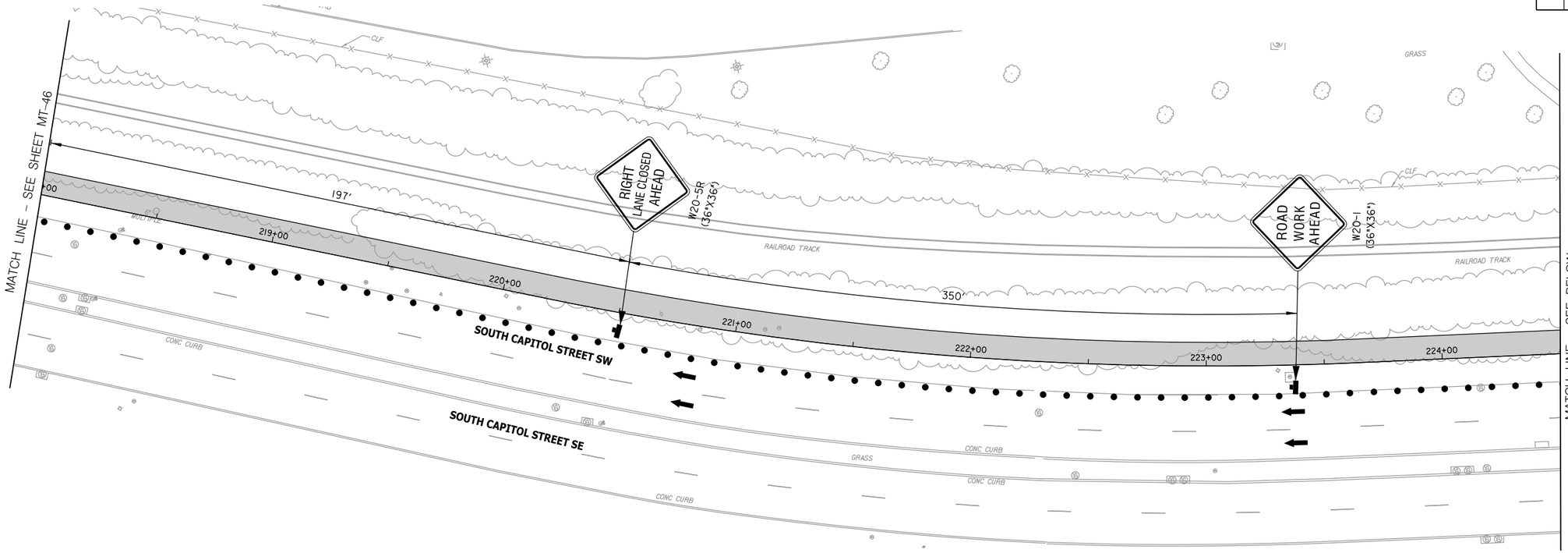
DATE

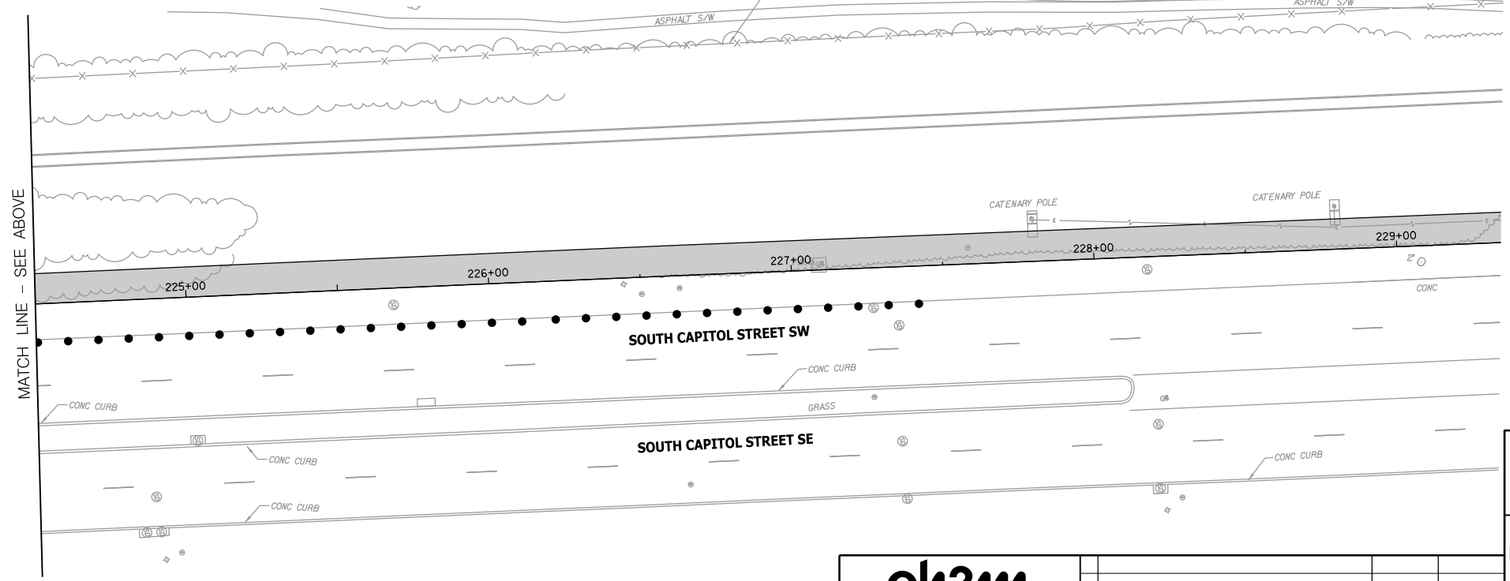
FILE

SHEET 333 OF 576

DMT-P046_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	334	576





LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

NOTES

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7. IF A BUS ROUTE TRAVEL LANE MUST BE MINIMUM 11 FEET IN WIDTH.
8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

MT–47

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE047[illegible]
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

25' 0 25' 50'
SCALE: 1"=25'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

MAINTENANCE OF TRAFFIC
STAGE 3
SOUTH CAPITOL STREET
PHASE 4

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

DIVISION CHIEF
DATE
FILE
SHEET 334 OF 576

pMT-P047_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	335	576

SIDEWALK CLOSED USE OTHER SIDE
R9-10
(24"X12")

W20-1
(36"X36")

ROAD WORK AHEAD

W20-5R
(36"X36")

RIGHT LANE CLOSED AHEAD

50'

50'

END ROAD WORK
G20-2
(36"X18")

2 STOREY BRICK BLDG

1 STOREY BRICK BLDG

1 STOREY BRICK BLDG

CONC S/W

CONC CURB

BROOKLEY AVENUE SW

ASPHALT

11" CLF

CONC CURB

CATENARY POLE

CONC

SWITCH BOX

CATENARY POLE

BRICK WALL W/ STEEL FENCE

CONC C&G

CATENARY POLE

245+00

246+00

247+00

METAL FENCE

CONCRETE S/W

CATENARY POLE

BUS STOP

CATENARY POLE

5' HIGH METAL FENCE

CONC PVMT

SOUTH CAPITOL STREET SE

CATENARY POLE

CATENARY POLE

CONC S/W

BRICK WALL

CONC S/W

ASPHALT PVMT

75' TAPER

DEFENSE BOULEVARD

CONC C/G

BRICK WALL

248+00

248+60

BUS STOP

CONC

ASPHALT

CONCRETE CURB

CONC CURB

ASPHALT

ASPHALT PVMT

CONC W/ GUT

ASPHALT PVMT

RIGHT LANE CLOSED AHEAD
W20-5R
(36"X36")

ROAD WORK AHEAD
W20-1
(36"X36")

200'

200'

CONC CURB

GRASS

STONE WALL

STONE WALL

ONLY
R3-8
(36"X36")

ROAD WORK AHEAD
W20-1
(36"X36")

FIRTH STERLING AVENUE SE

CLF

ELEC BOX

CLF

Brush

Debris

RAILROAD TRACK

CATENARY POLE

CATENARY POLE

LEGEND

- FLAGGER
- TRAFFIC WARNING SIGN
- MESSAGE / ARROW BOARD
- TRAFFIC DRUM / CONES
- DIRECTION OF TRAFFIC
- WORK ZONE

25' 0 25' 50'
SCALE: 1"=25'

NOTES

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8. FLAGGERS MUST HAVE ELECTRONIC COMMUNICATION.
9. STOP /SLOW SIGN SHOULD BE MOUNTED ON A 7 FOOT POLE.
10. MUST HAVE FIRE MARSHALL APPROVAL PRIOR TO ANY ROAD CLOSURES.
11. POSTED SPEED LIMIT WILL REMAIN AS SIGNED.

MT–48

DISTRICT OF COLUMBIA
SHAWLON G. SIMONS
NO. PE009700
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	GR
CHECKED BY	GR
DRAWN BY	GP
PROJECT MGR.	MDS

MAINTENANCE OF TRAFFIC
STAGE 3
SOUTH CAPITOL STREET
PHASE 5

DIVISION CHIEF
DATE
FILE
SHEET 335 OF 576

pMT-P048_SCSTr-all.dgn
2/24/2026

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	336	576

GENERAL NOTES

1. THE LOCATION OF THE UTILITIES SHOWN ON THESE PLANS ARE BASED ON FIELD OBSERVATION AND/OR RECORD DRAWINGS. THE INFORMATION SHOWN IS NOT NECESSARILY COMPLETE AND THE LOCATION OF THE UTILITIES SHOWN IS APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES IN ADVANCE OF CONDUCTING CONSTRUCTION OPERATIONS THAT COULD DAMAGE THESE UTILITIES.

2. IN THE AREAS WHERE PROPOSED CONSTRUCTION MAY CONFLICT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO THESE UTILITIES.

3. IF AN UNDERGROUND UTILITY IS DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER OF THE UTILITY. ANY DAMAGE SUSTAINED TO UTILITIES ABOVE OR BELOW GROUND SHALL BE REPAIRED BY THE CONTRACTOR UNDER THE DIRECTION OF THE UTILITY OWNER AT THE CONTRACTOR'S EXPENSE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR BACKFILL ANY EXCAVATION AFFECTING SAID UTILITY WITHOUT FIRST RECEIVING PERMISSION FROM THE UTILITY OWNER.

4. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING PARTIES AT LEAST FORTY EIGHT (48) HOURS, BUT NOT MORE THAN TEN (10) WORKING DAYS, IN ADVANCE OF PROCEEDING WITH ANY EXCAVATION WORK. THE ELECTRICAL CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY SUCH FEES AS MAY BE NECESSARY FOR INSPECTION, TESTS, AND OTHER SERVICES NECESSARY FOR THE COMPLETION OF THE WORK.

TYPE OF WORK	NOTIFY AGENCIES
GAS, TELEPHONE, ELECTRICAL, CONDUIT & CABLE TV	MISS UTILITY (800-257-7777)
WATERMAIN AND SEWERS	DC WATER (202-612-3400)
FIRE ALARM	DDOT (202-442-4549)
STREET LIGHT INSPECTION	DDOT (202-671-2710) (DAY) (202-727-6161) (NIGHT)

5. ALL STREET LIGHT FOUNDATIONS SHOWN ON THE PLANS SHALL BE REPLACED OR REMOVED COMPLETELY. ALL EXISTING STREET LIGHT CONDUITS TO BE ABANDONED SHALL BE SEALED WITH CONCRETE BEFORE INSTALLING THE NEW FOUNDATION OR BACKFILLING.

6. THE CONTRACTOR SHALL INSTALL THE NEW CONDUIT AND MANHOLE SYSTEM ALONG WITH THE MAINLINE FEEDER CABLES ENERGIZED BEFORE STARTING TO REMOVE AND INSTALL THE STREET LIGHTS.

7. THE CONTRACTOR SHALL KEEP PROPER RECORD OF ALL TRAFFIC AND PARKING SIGNS THAT WILL BE REMOVED PRIOR TO REMOVING THE STREET LIGHT POLE. THE SIGN SHALL BE RELOCATED TO THE NEW POLE AT THE SAME HEIGHT AND ORIENTATION. A U-POLE SHALL BE INSTALLED TO MOUNT THE REPLACED SIGN IF A PROPOSED NEW POLE HAS A DIFFERENT LOCATION.

8. ALL MATERIAL SHALL BE U.L. LABELED LISTED APPROVAL FOR ITS INSTALLED APPLICATION. ALL ELECTRICAL WORK SHALL CONFORM TO NATIONAL ELECTRIC CODE (NEC), DC ELECTRIC CODE, DISTRICT OF COLUMBIA STANDARD AND SPECIFICATIONS 2013, DISTRICT OF COLUMBIA STREETLIGHT POLICY AND DESIGN GUIDLINES (FEBRUARY 2013).

9. ALL WORK SHALL BE DONE AT SUCH TIMES AND IN SUCH A MANNER AS WILL LEAST INTERFERE WITH THE MAINTENANCE AND OPERATION OF ALL RELATED OR AFFECTED SYSTEMS. ALL POWER OUTAGES SHALL BE COORDINATED WITH THE OWNER AND PEPCO.

10. ALL SPLICES SHALL BE COMPRESSION ONLY.

11. ALL INSULATED CONDUCTORS SHALL BE TYPE RHW-2 OR RHHW TYPE AND ALL GROUND CONDUCTORS SHALL BE BARE COPPER PER DDOT STANDARD SPECIFICATIONS, SECTION 820.11(A).

12. ALL WIRE/CABLE SHALL BE COPPER AND ALL WIRE SIZES ARE BASED ON COPPER CONDUCTORS UNLESS INDICATED OTHERWISE.

13. ALL EXISTING ELECTRICAL CONDUIT MUST BE MAINTAINED UNTIL THE NEW OR TEMPORARY CONDUIT AND CABLE ARE IN PLACE. ALL ELECTRICAL DEMOLITION SHALL BE COORDINATED WITH PEPCO.

14. PEPCO IS TO BE NOTIFIED 72 HOURS (THREE WORKING DAYS) PRIOR TO WORKING IN THE VICINITY OF PEPCO FACILITIES.

15. THE CONTRACTOR SHALL KEEP PROPER RECORDS OF ALL STREET LIGHTING CHANGES BY DATE, (DATE ENERGIZED AND DATE DE-ENERGIZED.)

16. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF ALL STREETLIGHTS WITHIN THE PROJECT LIMITS DURING THE TIME PERIOD BETWEEN NOTICE TO PROCEED (NTP) UNTIL THE DATE THE ELECTRICAL INSPECTION OFFICE HAS ACCEPTED THE PROJECT. THE CONTRACTOR SHALL INSPECT THE STREETLIGHTS DURING NORMAL NIGHT OPERATION ON A WEEKLY BASIS. THE CONTRACTOR SHALL PROVIDE A LIST OF MALFUNCTIONING STREETLIGHTS TO DDOT STREETLIGHT SECTION ON A WEEKLY BASIS. STREETLIGHTS FOUND MALFUNCTIONING SHALL BE REPAIRED OR REPLACED WITHIN THREE (3) DAYS OF THE NOTED DEFICIENCY.

17. THE CONTRACTOR SHALL SUBMIT TO DDOT CATALOG CUTS FOR ALL MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.

18. ALL ELECTRICAL WORK SHALL BE DONE BY DISTRICT OF COLUMBIA LICENSED AND BONDED ELECTRICAL PERSONNEL. THE CONTRACTOR SHALL CONTACT POTOMAC ELECTRIC POWER COMPANY (PEPCO) FOR SERVICE CONNECTIONS AND DISCONNECTION TO STREETLIGHTS IN THIS LOCATION. THE CONTRACTOR SHALL SUBMIT FIVE (5) SETS OS ELECTRICAL STREETLIGHT DRAWINGS FOR PEPCO SLF TO STREETLIGHT. PEPCO WILL SEND AN INVOICE; THE CONTRACTOR WILL PAY ALL COSTS ASSOCIATED WITH IT.

19. NO ABOVE GROUND HARDWARE SHALL BE LOCATED SUCH THAT A CONTINUOUS 3' PATH FOR ADA PURPOSE IS NOT MAINTAINED.

20. PORTIONS OF THE GENERAL PROJECT SITE WILL BE OPEN TO THE PUBLIC DURING CONSTRUCTION. THE CONTRACTOR SHALL TAKE NECESSARY MEASURES TO PREVENT VANDALISM AND THEFT OF MATERIALS, EQUIPMENT AND TOOLS AS WELL AS THE COMPLETED WORK ON PROJECT SITE. DDOT SHALL NOT BE HELD LIABLE FOR ANY LOSS OR DAMAGE RESULTING THERE FROM.

21. ALL POLES AND FOUNDATIONS WILL BE INSTALLED SO THAT THE CENTER OF THE POLE IS A MINIMUM OF 3 FEET FROM THE FACE OF THE CURB UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER.

22. STREET LIGHTS SHALL UTILIZE BOTH PHASES OF A CIRCUIT AND CONNECT SO THAT NO TWO CONSECUTIVE LIGHTS ARE CONNECTED TO THE SAME PHASE.

LEGEND

- PROPOSED 1-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #7I6 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
- EXISTING COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH TRUSS ARM, STEEL TRANSFORMER BASE AND I55W LED COBRAHEAD LUMINAIRE
- PROPOSED COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE TO BE REMOVED
- PROPOSED 48" x48" x48" MANHOLE
- EXISTING 48" x48" x48" MANHOLE
- PROPOSED WALLPACK
- PROPOSED SERVICE DROP POINT
- EXISTING TEARDROP STREETLIGHT POLE
- EXISTING TEARDROP STREETLIGHT POLE TO BE REMOVED
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND I55W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

ABBREVIATION LIST

C*	CONDUIT REFERENCE NUMBER
C	CONDUIT
D	DUCT
DC*	EXISTING DC MANHOLE
L*	PROPOSED STREETLIGHT INSTALLATION
R*	PROPOSED STREETLIGHT REMOVAL
P*	PROPOSED PEPCO POWER SOURCE
	CONDUIT AND/OR MANHOLE
T, TEL	TELEPHONE CONDUIT AND/OR MANHOLE
S	SEWER
W	WATER
T/S, TS	TRAFFIC SIGNAL POST
L, SL	STREETLIGHT
L/TS, LTS	STREETLIGHT WITH TRAFFIC SIGNALS ATTACHED
HPS	HIGH PRESSURE SODIUM
A,B	ELECTRICAL PHASE THAT NEW STREETLIGHT IS TO BE CONNECTED TO
PI	EXISTING PEPCO CONNECTION I

NOTE:

OTHER SYMBOLS USED THE PLAN SET WILL BE SHOWN IN THE LEGEND ON THE APPROPRIATE PLAN SHEET(S).

DESIGN CRITERIA		
ROADWAY CLASSIFICATION	AVERAGE	AVG. / MIN.
PEDESTRIAN WAYS & BICYCLE LANES	2.0 fc	3:1

LUMINAIRE SCHEDULE		
SYMBOL	DESCRIPTION	LUMINAIRE
TRAIL FIXTURE	20 FT MOUNTING HEIGHT	65W TYPE 3M 3000K 8000 LUMENS
TEARDROP	30 FT MOUNTING HEIGHT	I55W TYPE TG3,3000K 80CRI WITH QSM, PR7E RECEPTACLE I9500 LUMENS
COBRAHEAD	30 FT MOUNTING HEIGHT	I55W TYPE R3M, DALI, 3000K 80CRI WITH TLRD7 RECEPTACLE 24000 LUMENS

DISTRICT OF COLUMBIA · MARLON G. SMOAK · NO. PE004706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

LT-0

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING SYMBOLS, ABBREVIATIONS AND NOTES

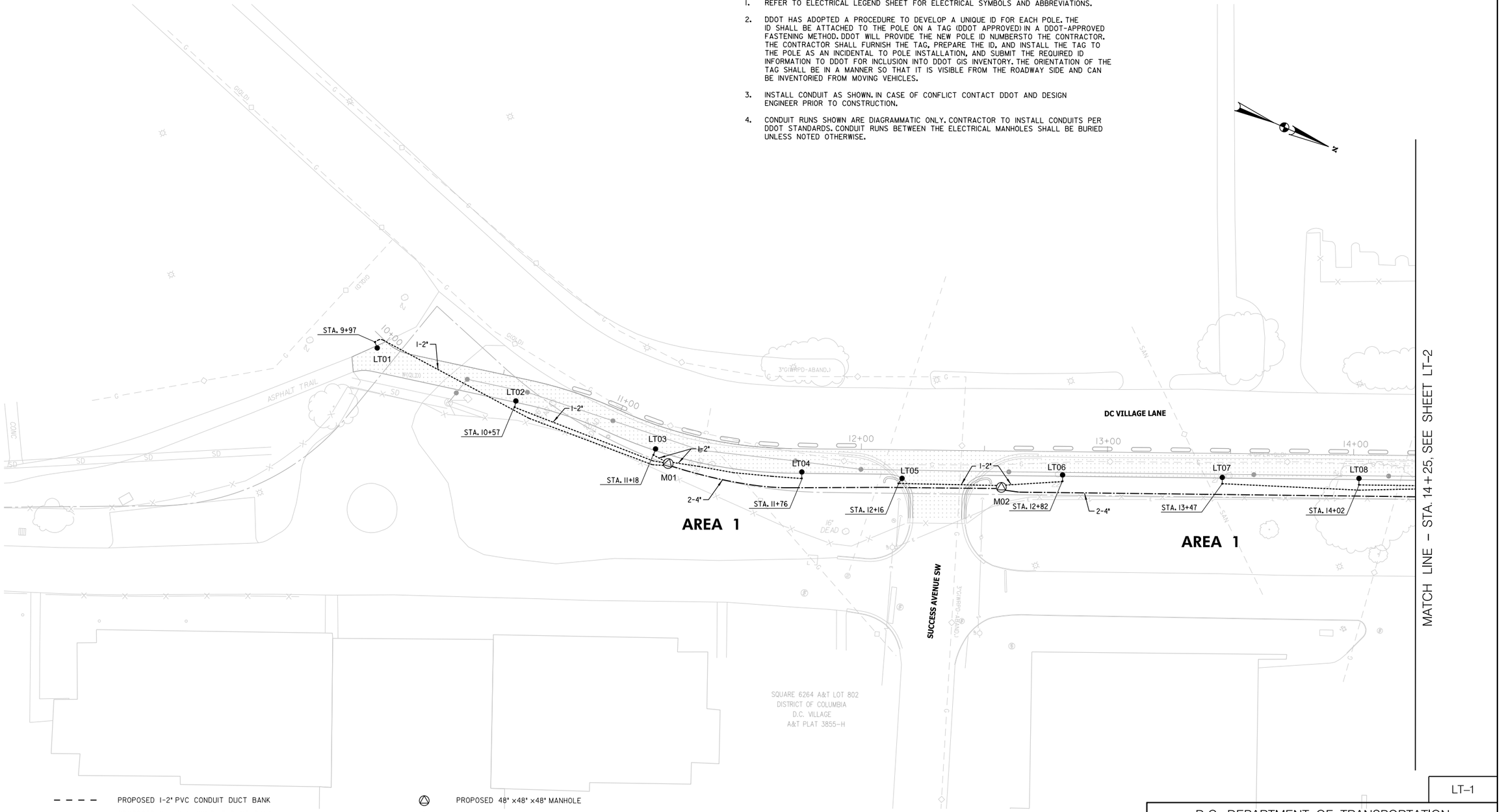
PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	336 OF 576

P:\LT-N000_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	337	576

NOTES:

1. REFER TO ELECTRICAL LEGEND SHEET FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. DDOT HAS ADOPTED A PROCEDURE TO DEVELOP A UNIQUE ID FOR EACH POLE. THE ID SHALL BE ATTACHED TO THE POLE ON A TAG (DDOT APPROVED) IN A DDOT-APPROVED FASTENING METHOD. DDOT WILL PROVIDE THE NEW POLE ID NUMBERSTO THE CONTRACTOR. THE CONTRACTOR SHALL FURNISH THE TAG, PREPARE THE ID, AND INSTALL THE TAG TO THE POLE AS AN INCIDENTAL TO POLE INSTALLATION, AND SUBMIT THE REQUIRED ID INFORMATION TO DDOT FOR INCLUSION INTO DDOT GIS INVENTORY. THE ORIENTATION OF THE TAG SHALL BE IN A MANNER SO THAT IT IS VISIBLE FROM THE ROADWAY SIDE AND CAN BE INVENTORIED FROM MOVING VEHICLES.
3. INSTALL CONDUIT AS SHOWN. IN CASE OF CONFLICT CONTACT DDOT AND DESIGN ENGINEER PRIOR TO CONSTRUCTION.
4. CONDUIT RUNS SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTOR TO INSTALL CONDUITS PER DDOT STANDARDS. CONDUIT RUNS BETWEEN THE ELECTRICAL MANHOLES SHALL BE BURIED UNLESS NOTED OTHERWISE.



- PROPOSED 1-2" PVC CONDUIT DUCT BANK
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- EXISTING 4" CONDUIT
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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
DARRON G. SMOAK
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P001_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LT-1

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

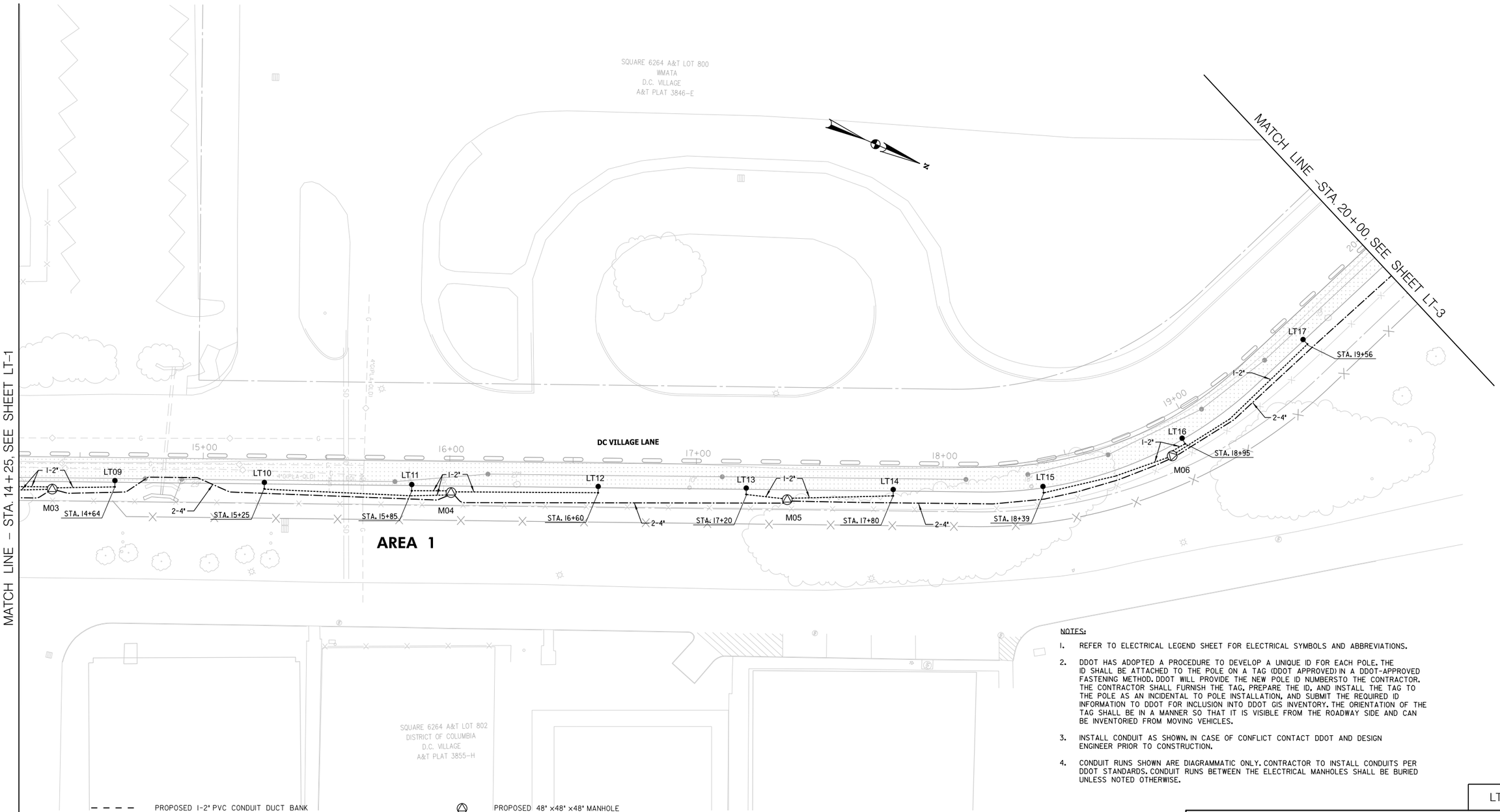
PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 337 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	338	576



NOTES:

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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20' 0 20' 40'
SCALE: 1"=20'

LT-2

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 338 OF 576

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
SHARLON D. SIMONE
NO. PE009756
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P002_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	339	576

NOTES:

1. REFER TO ELECTRICAL LEGEND SHEET FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
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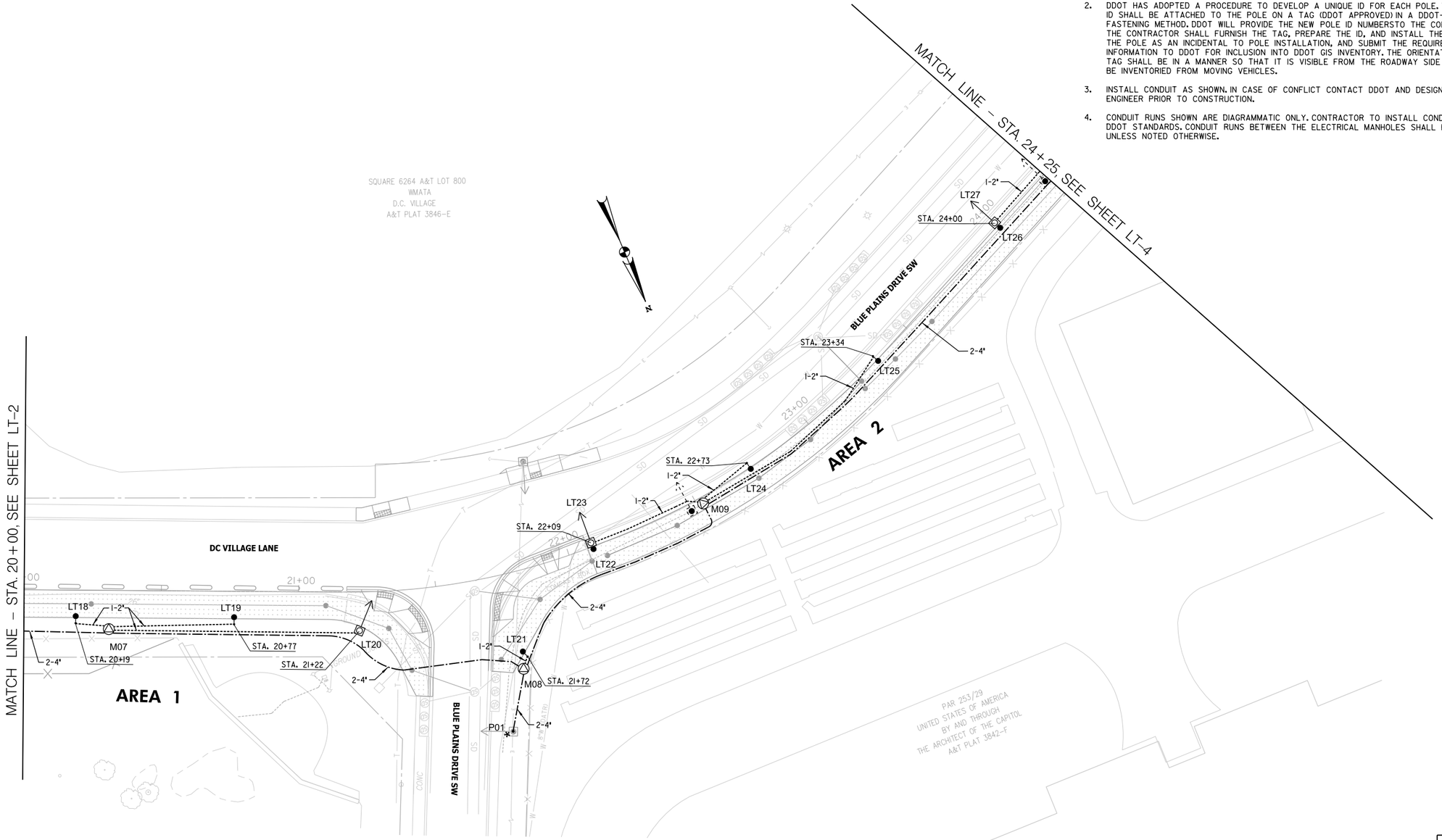

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- EXISTING PEPCO POLE
- E — (E) — E EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

DISTRICT OF COLUMBIA
CARLOS D. SINGLETON
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LT-3

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 339 OF 576

pLT-P003_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	340	576

NOTES:

1. REFER TO ELECTRICAL LEGEND SHEET FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
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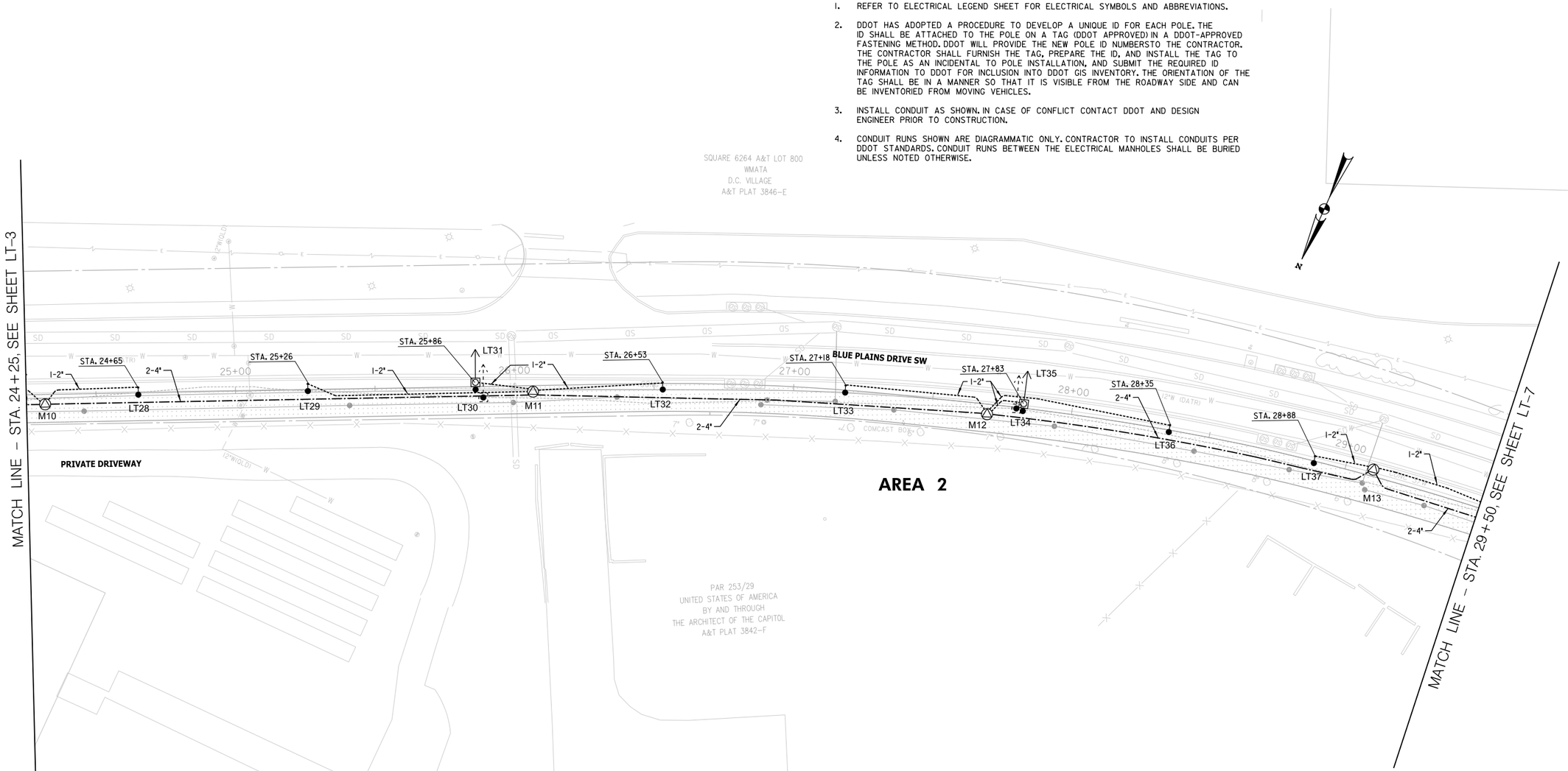

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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

DISTRICT OF COLUMBIA
RAMON G. SMOAK
NO. PE014176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P004_SCSTr-oli.dgn
2/24/2026

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LT-4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

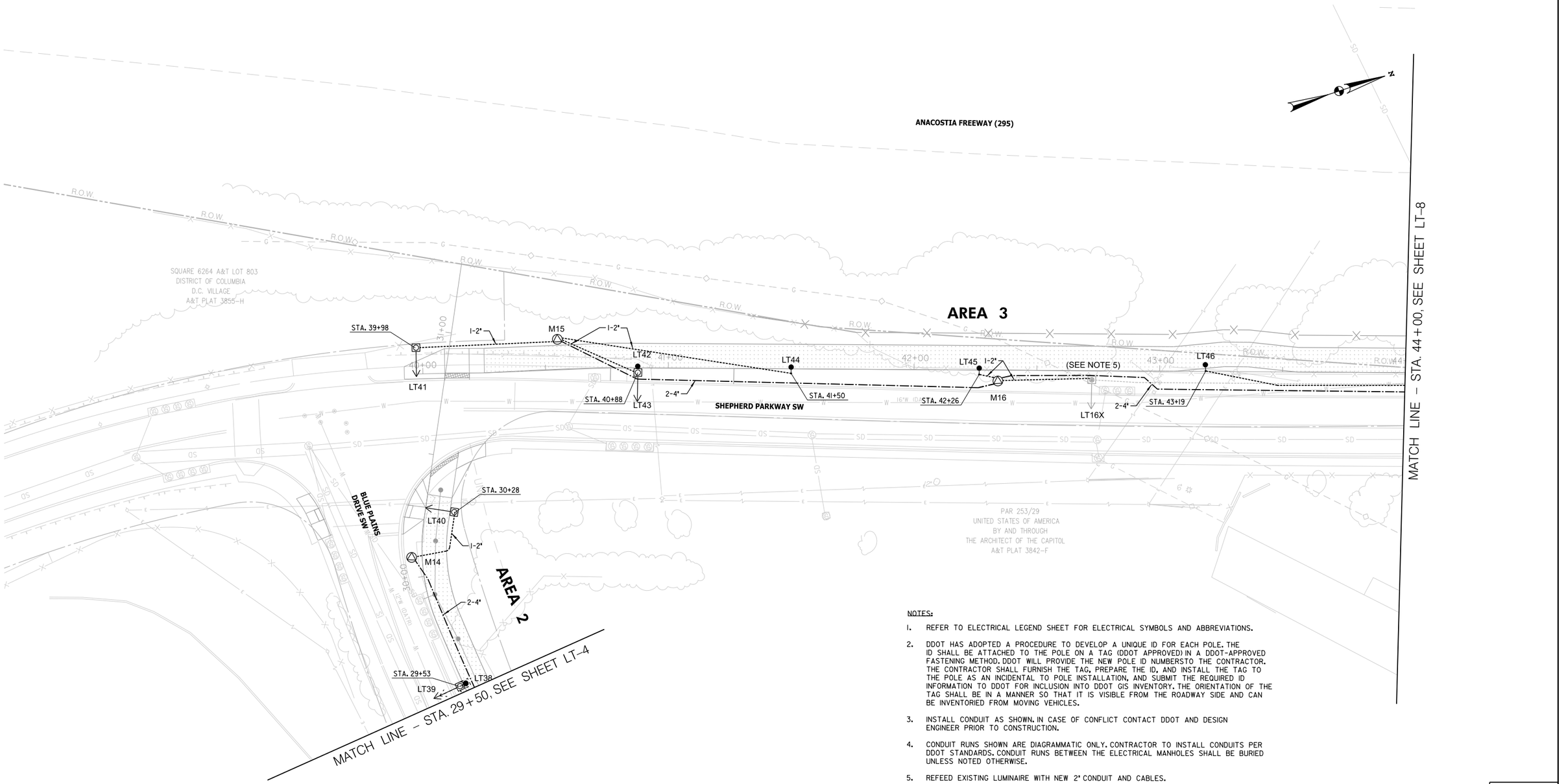
DIVISION CHIEF

DATE

FILE

SHEET 340 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	341	576



NOTES:

1. REFER TO ELECTRICAL LEGEND SHEET FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. DDOT HAS ADOPTED A PROCEDURE TO DEVELOP A UNIQUE ID FOR EACH POLE. THE ID SHALL BE ATTACHED TO THE POLE ON A TAG (DDOT APPROVED) IN A DDOT-APPROVED FASTENING METHOD. DDOT WILL PROVIDE THE NEW POLE ID NUMBERSTO THE CONTRACTOR. THE CONTRACTOR SHALL FURNISH THE TAG, PREPARE THE ID, AND INSTALL THE TAG TO THE POLE AS AN INCIDENTAL TO POLE INSTALLATION, AND SUBMIT THE REQUIRED ID INFORMATION TO DDOT FOR INCLUSION INTO DDOT GIS INVENTORY. THE ORIENTATION OF THE TAG SHALL BE IN A MANNER SO THAT IT IS VISIBLE FROM THE ROADWAY SIDE AND CAN BE INVENTORIED FROM MOVING VEHICLES.
3. INSTALL CONDUIT AS SHOWN. IN CASE OF CONFLICT CONTACT DDOT AND DESIGN ENGINEER PRIOR TO CONSTRUCTION.
4. CONDUIT RUNS SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTOR TO INSTALL CONDUITS PER DDOT STANDARDS. CONDUIT RUNS BETWEEN THE ELECTRICAL MANHOLES SHALL BE BURIED UNLESS NOTED OTHERWISE.
5. REFEED EXISTING LUMINAIRE WITH NEW 2" CONDUIT AND CABLES.

- PROPOSED I-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #7/6 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
- EXISTING COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH TRUSS ARM, STEEL TRANSFORMER BASE AND 155W LED COBRAHEAD LUMINAIRE
- PROPOSED COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE TO BE REMOVED
- PROPOSED 48"x48"x48" MANHOLE
- EXISTING 48"x48"x48" MANHOLE
- PROPOSED WALLPACK
- PROPOSED SERVICE DROP POINT
- EXISTING TEARDROP STREETLIGHT POLE
- EXISTING TEARDROP STREETLIGHT POLE TO BE REMOVED
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND 155W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
CHARLON D. SIMONE
NO. PE904796
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P007_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LT-7

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 341 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	342	576

NOTES:

1. REFER TO ELECTRICAL LEGEND SHEET FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
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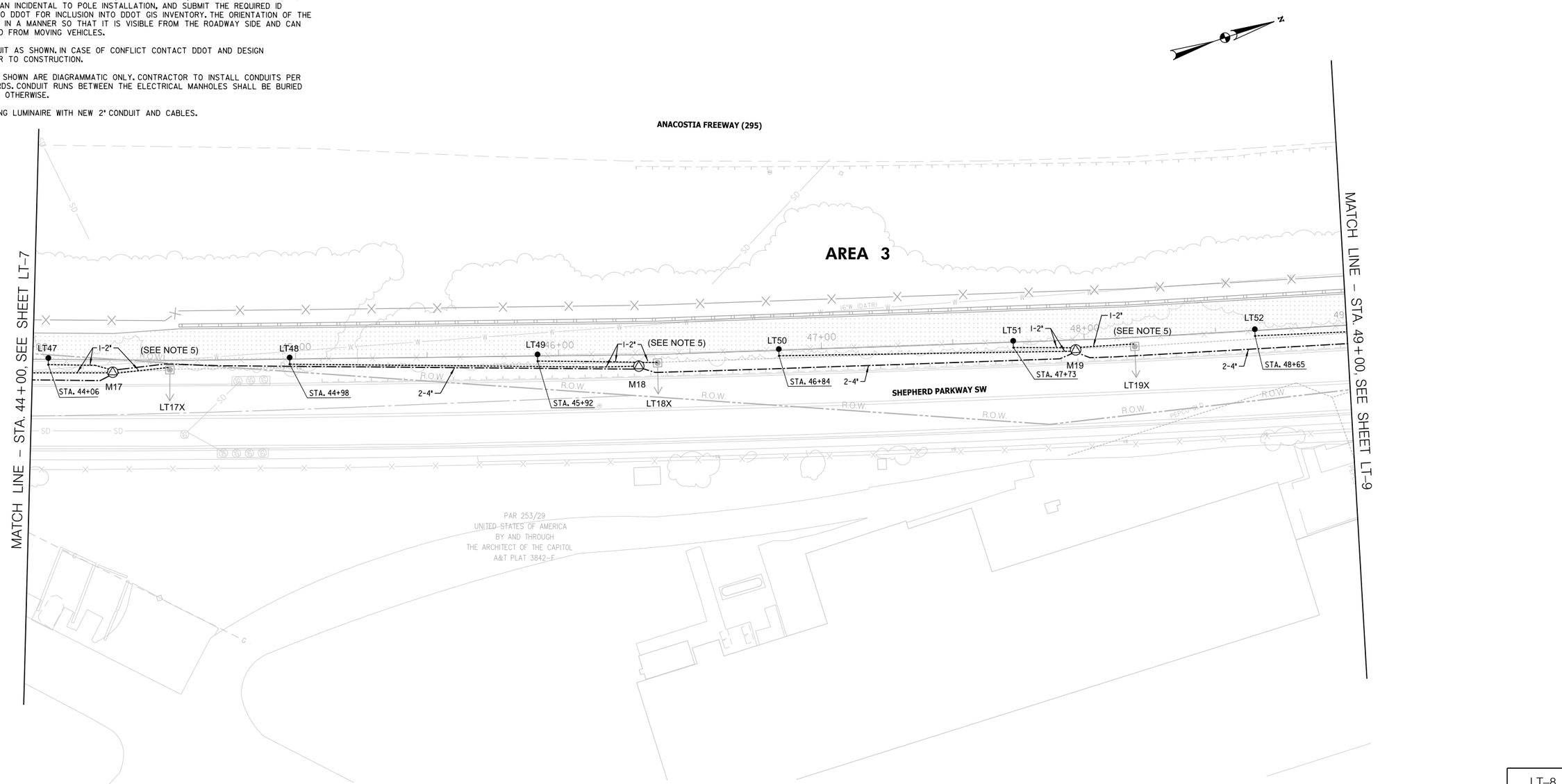
3. INSTALL CONDUIT AS SHOWN. IN CASE OF CONFLICT CONTACT DDOT AND DESIGN ENGINEER PRIOR TO CONSTRUCTION.
4. CONDUIT RUNS SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTOR TO INSTALL CONDUITS PER DDOT STANDARDS. CONDUIT RUNS BETWEEN THE ELECTRICAL MANHOLES SHALL BE BURIED UNLESS NOTED OTHERWISE.
5. REFEED EXISTING LUMINAIRE WITH NEW 2" CONDUIT AND CABLES.



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- EXISTING PEPCO POLE
- E—(E)—E EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA
RAMON G. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P008_SCSTr-ali.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LT-8

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

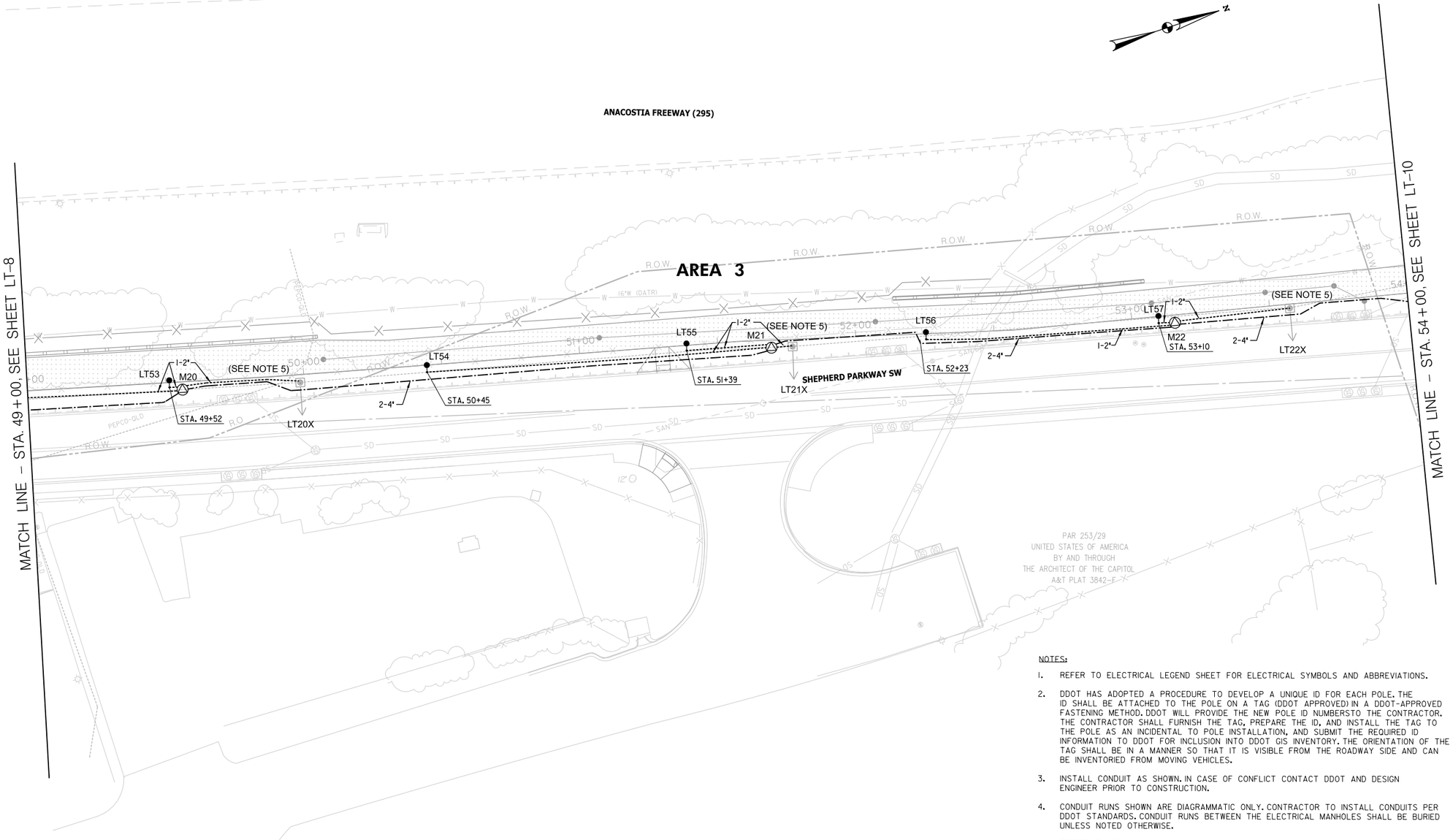
DIVISION CHIEF

DATE

FILE

SHEET 342 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	343	576



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5. REFEED EXISTING LUMINAIRE WITH NEW 2" CONDUIT AND CABLES.

LT-9

- PROPOSED 1-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
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- EXISTING PEPCO POLE
- E—(E)—E EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
SAMUEL O. SIMONS
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P009_SCSTr-ali.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

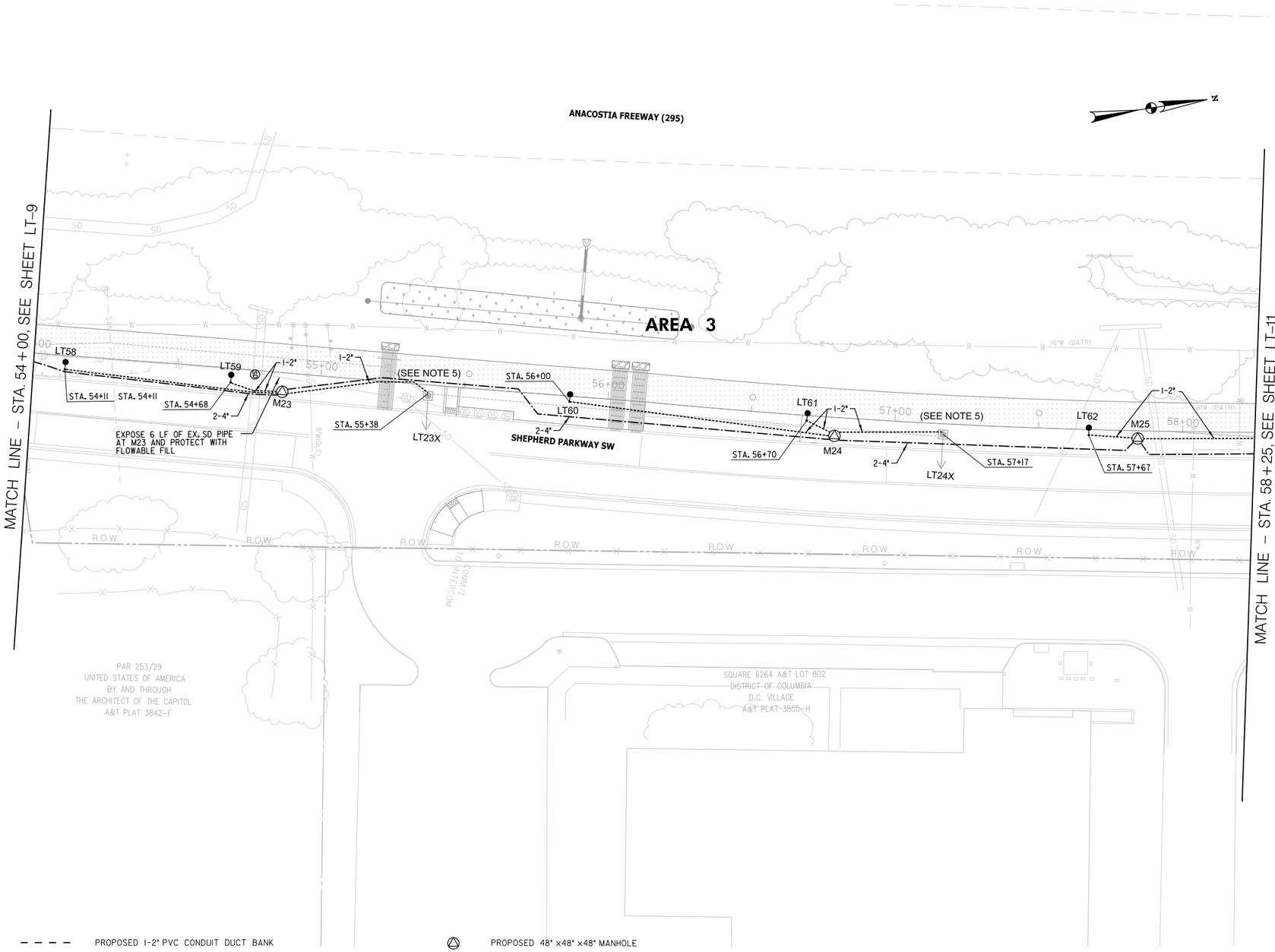
DIVISION CHIEF

DATE

FILE

SHEET 343 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	344	576



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- EXISTING PEPCO POLE
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20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA
DARLENE M. SIMONS
NO. PE009766
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pLT-P010_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LT–10

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 344 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	345	576

NOTES:

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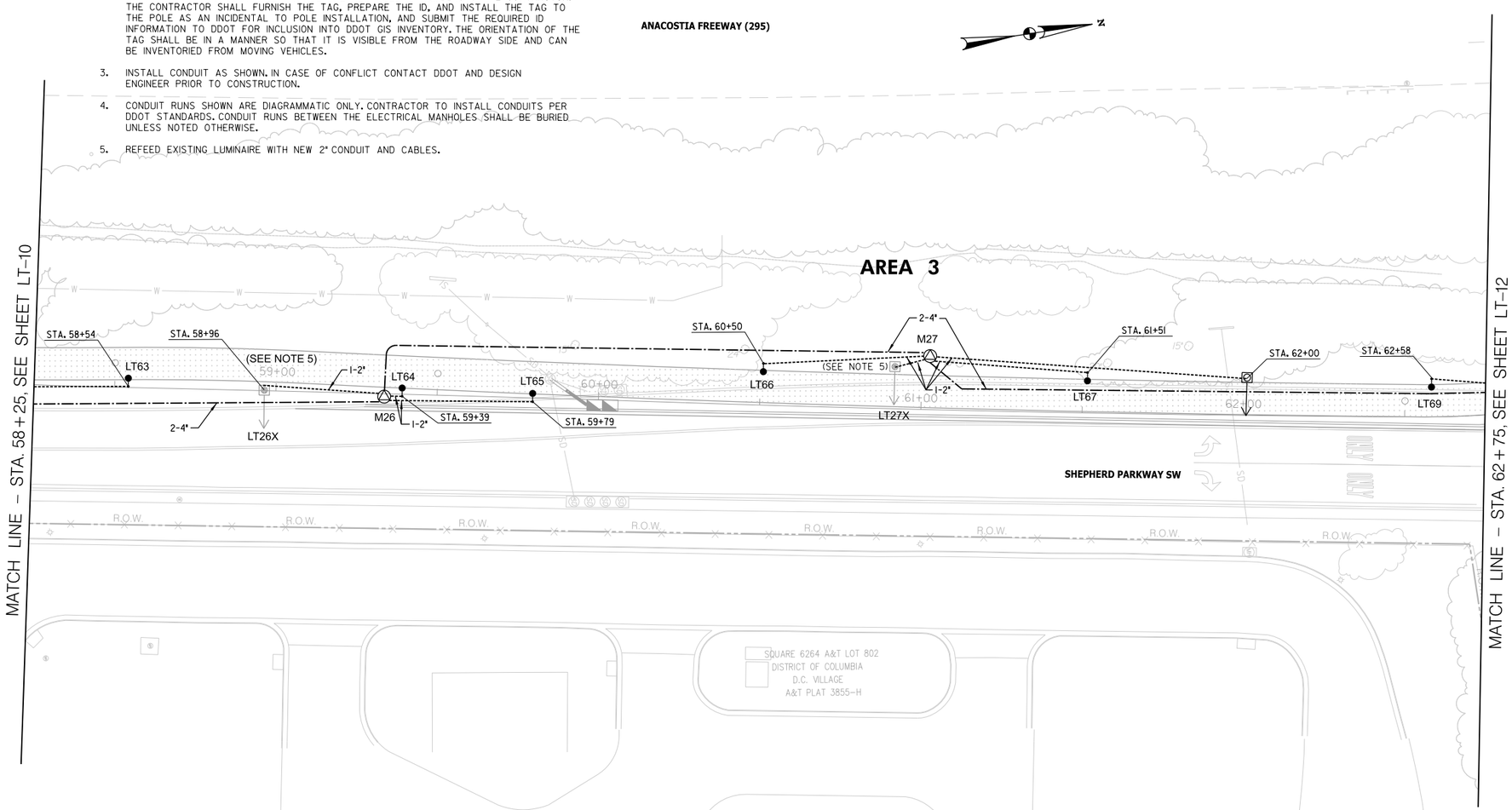

20′ 0 20′ 40′
SCALE: 1"=20′

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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

DISTRICT OF COLUMBIA
SHARON D. SNOOKS
NO. PE30478
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P01l_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LT–11

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

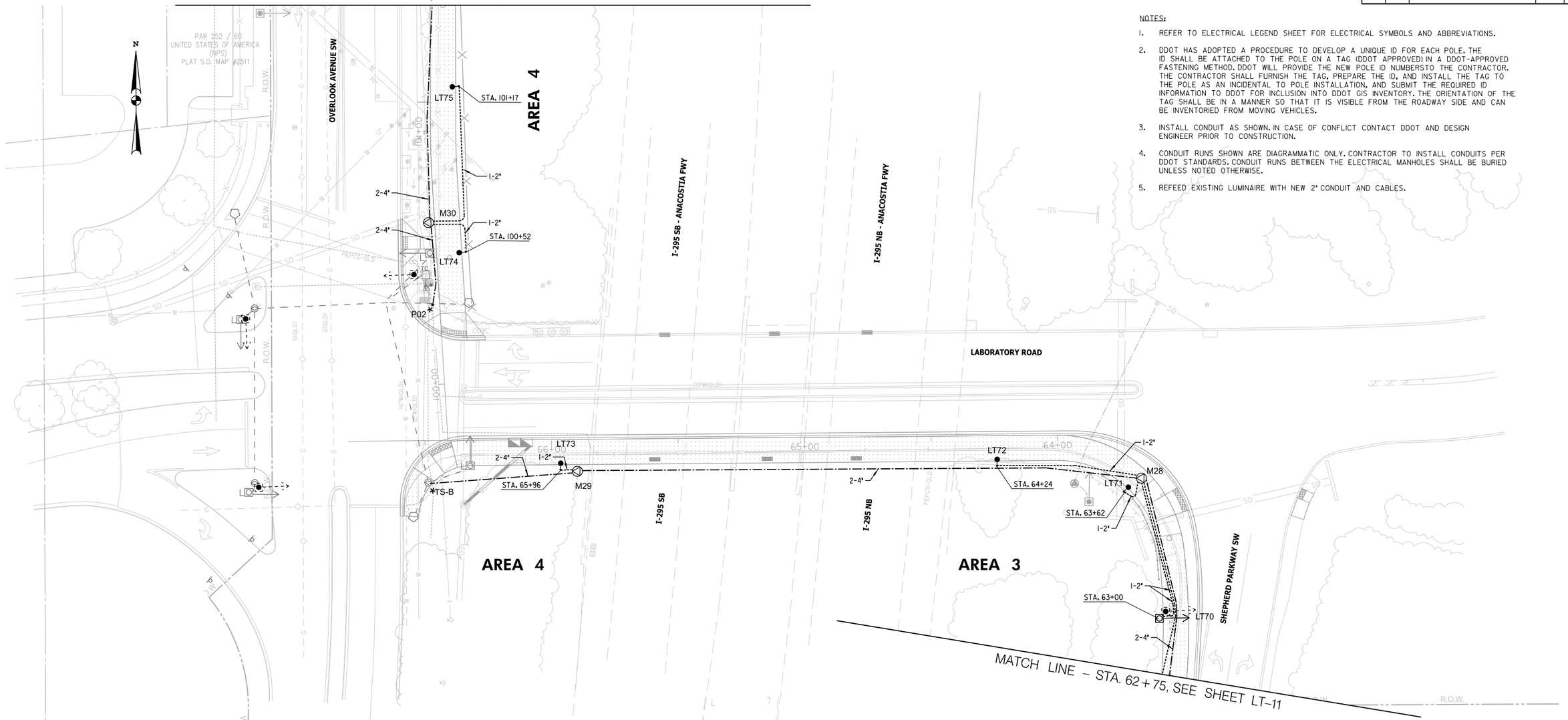
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	345 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	346	576

MATCH LINE – STA. 101+50, SEE SHEET LT-13



MATCH LINE – STA. 62+75, SEE SHEET LT-11

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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

DISTRICT OF COLUMBIA
DARLON D. SIMMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

20' 0 20' 40'
SCALE: 1"=20'

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

LT-12

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 346 OF 576

pLT-P012_SCSTrail.dgn
3/5/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	347	576

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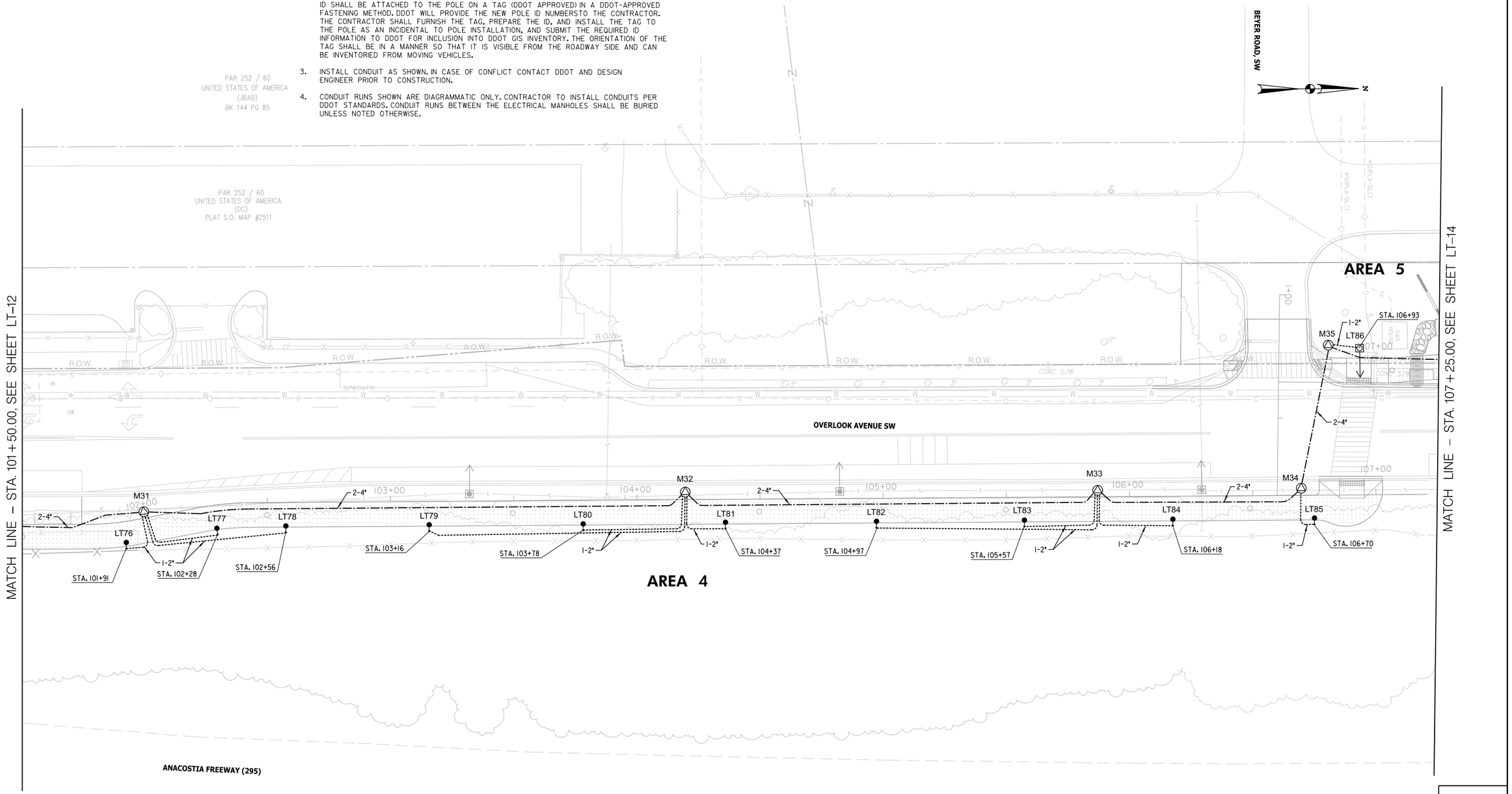

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- EXISTING TEARDROP STREETLIGHT POLE
- EXISTING TEARDROP STREETLIGHT POLE TO BE REMOVED
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND 155W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20' 0 20' 40'
SCALE: 1"=20'

LT-13

DISTRICT OF COLUMBIA
DARION O. SMOAK
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P013_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

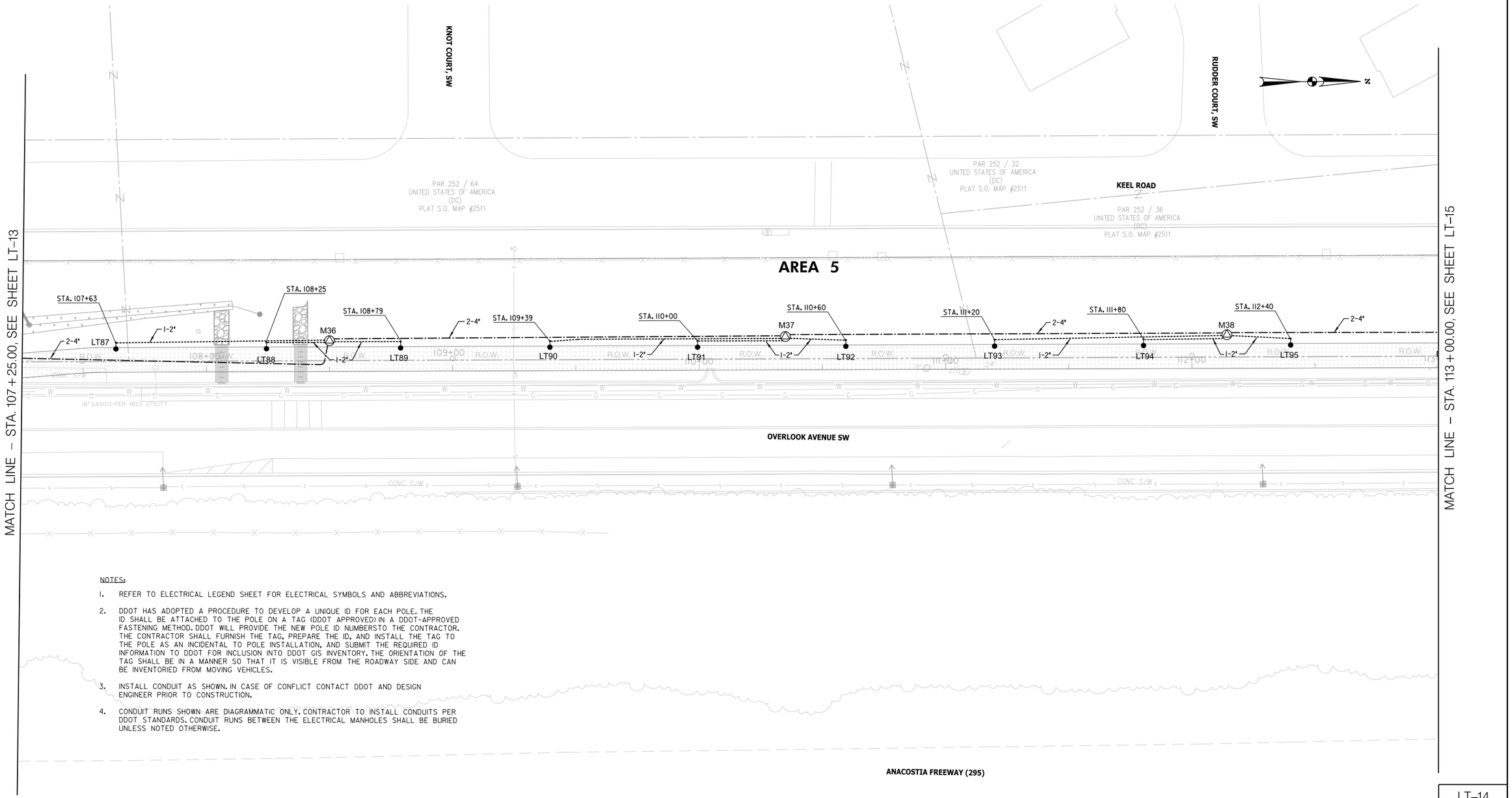
DIVISION CHIEF

DATE

FILE

SHEET 347 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	348	576



NOTES:

1. REFER TO ELECTRICAL LEGEND SHEET FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. DDOT HAS ADOPTED A PROCEDURE TO DEVELOP A UNIQUE ID FOR EACH POLE. THE ID SHALL BE ATTACHED TO THE POLE ON A TAG (DDOT APPROVED) IN A DDOT-APPROVED FASTENING METHOD. DDOT WILL PROVIDE THE NEW POLE ID NUMBERSTO THE CONTRACTOR. THE CONTRACTOR SHALL FURNISH THE TAG, PREPARE THE ID, AND INSTALL THE TAG TO THE POLE AS AN INCIDENTAL TO POLE INSTALLATION, AND SUBMIT THE REQUIRED ID INFORMATION TO DDOT FOR INCLUSION INTO DDOT GIS INVENTORY. THE ORIENTATION OF THE TAG SHALL BE IN A MANNER SO THAT IT IS VISIBLE FROM THE ROADWAY SIDE AND CAN BE INVENTORIED FROM MOVING VEHICLES.
3. INSTALL CONDUIT AS SHOWN. IN CASE OF CONFLICT CONTACT DDOT AND DESIGN ENGINEER PRIOR TO CONSTRUCTION.
4. CONDUIT RUNS SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTOR TO INSTALL CONDUITS PER DDOT STANDARDS. CONDUIT RUNS BETWEEN THE ELECTRICAL MANHOLES SHALL BE BURIED UNLESS NOTED OTHERWISE.

- PROPOSED I-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #7/6 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
- EXISTING COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH TRUSS ARM, STEEL TRANSFORMER BASE AND 155W LED COBRAHEAD LUMINAIRE
- PROPOSED COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE TO BE REMOVED
- PROPOSED 48" ×48" ×48" MANHOLE
- EXISTING 48" ×48" ×48" MANHOLE
- PROPOSED WALLPACK
- PROPOSED SERVICE DROP POINT
- EXISTING TEARDROP STREETLIGHT POLE
- EXISTING TEARDROP STREETLIGHT POLE TO BE REMOVED
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND 155W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

DISTRICT OF COLUMBIA
DARLENE SIMONS
NO. PE017766
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

20′ 0 20′ 40′
SCALE: 1"=20′

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LT–14

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

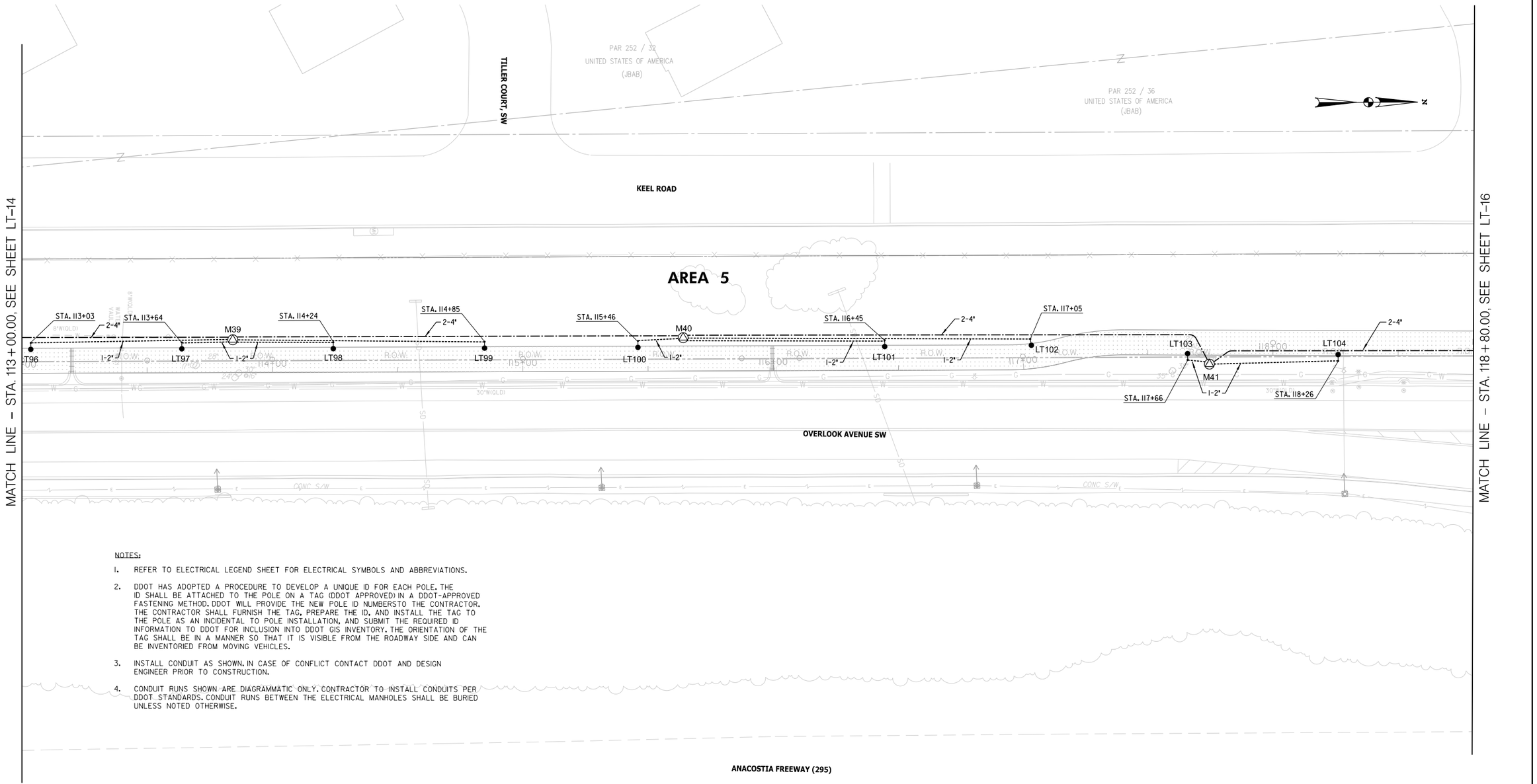
PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 348 OF 576

pLT-P014_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	349	576



NOTES:

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- PROPOSED 1-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #7/6 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
- EXISTING COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH TRUSS ARM, STEEL TRANSFORMER BASE AND 155W LED COBRAHEAD LUMINAIRE
- PROPOSED COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE TO BE REMOVED
- PROPOSED 48" x48" x48" MANHOLE
- EXISTING 48" x48" x48" MANHOLE
- PROPOSED WALLPACK
- PROPOSED SERVICE DROP POINT
- EXISTING TEARDROP STREETLIGHT POLE
- EXISTING TEARDROP STREETLIGHT POLE TO BE REMOVED
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND 155W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE047116
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LT–15

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

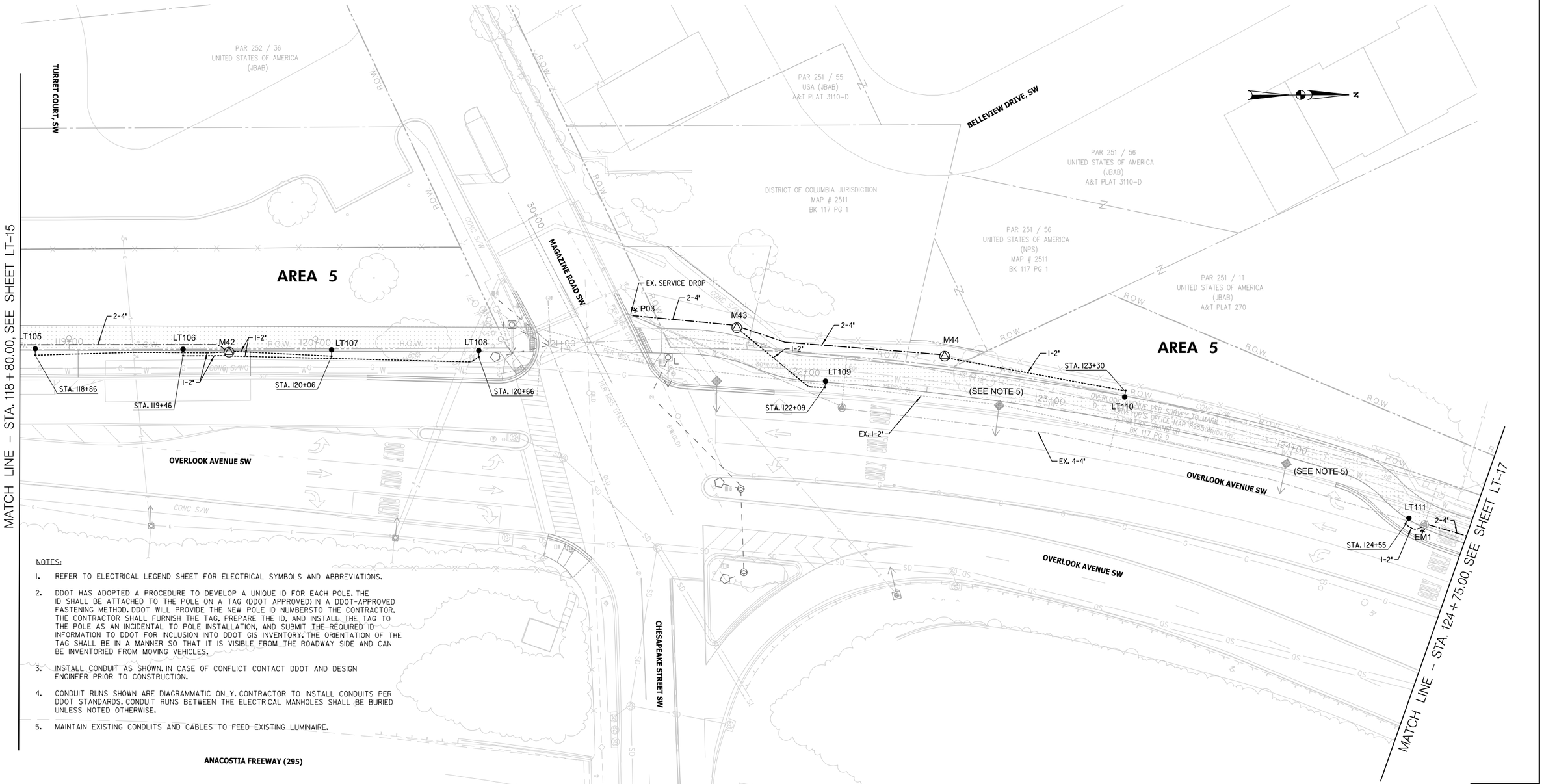
DATE

FILE

SHEET 349 OF 576

pLT-P015_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	350	576



NOTES:

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5. MAINTAIN EXISTING CONDUITS AND CABLES TO FEED EXISTING LUMINAIRE.

- PROPOSED I-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #7I6 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
- EXISTING COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH TRUSS ARM, STEEL TRANSFORMER BASE AND I55W LED COBRAHEAD LUMINAIRE
- PROPOSED COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE TO BE REMOVED
- PROPOSED 48" ×48" ×48" MANHOLE
- EXISTING 48" ×48" ×48" MANHOLE
- PROPOSED WALLPACK
- PROPOSED SERVICE DROP POINT
- EXISTING TEARDROP STREETLIGHT POLE
- EXISTING TEARDROP STREETLIGHT POLE TO BE REMOVED
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND I55W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA
RAMLON G. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P016.SCSTrail.dgn
3/5/2026

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LT–16

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 350 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	351	576

NOTES:

1. REFER TO ELECTRICAL LEGEND SHEET FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. DDOT HAS ADOPTED A PROCEDURE TO DEVELOP A UNIQUE ID FOR EACH POLE. THE ID SHALL BE ATTACHED TO THE POLE ON A TAG (DDOT APPROVED) IN A DDOT-APPROVED FASTENING METHOD. DDOT WILL PROVIDE THE NEW POLE ID NUMBERSTO THE CONTRACTOR. THE CONTRACTOR SHALL FURNISH THE TAG, PREPARE THE ID, AND INSTALL THE TAG TO THE POLE AS AN INCIDENTAL TO POLE INSTALLATION, AND SUBMIT THE REQUIRED ID INFORMATION TO DDOT FOR INCLUSION INTO DDOT GIS INVENTORY. THE ORIENTATION OF THE TAG SHALL BE IN A MANNER SO THAT IT IS VISIBLE FROM THE ROADWAY SIDE AND CAN BE INVENTORIED FROM MOVING VEHICLES.
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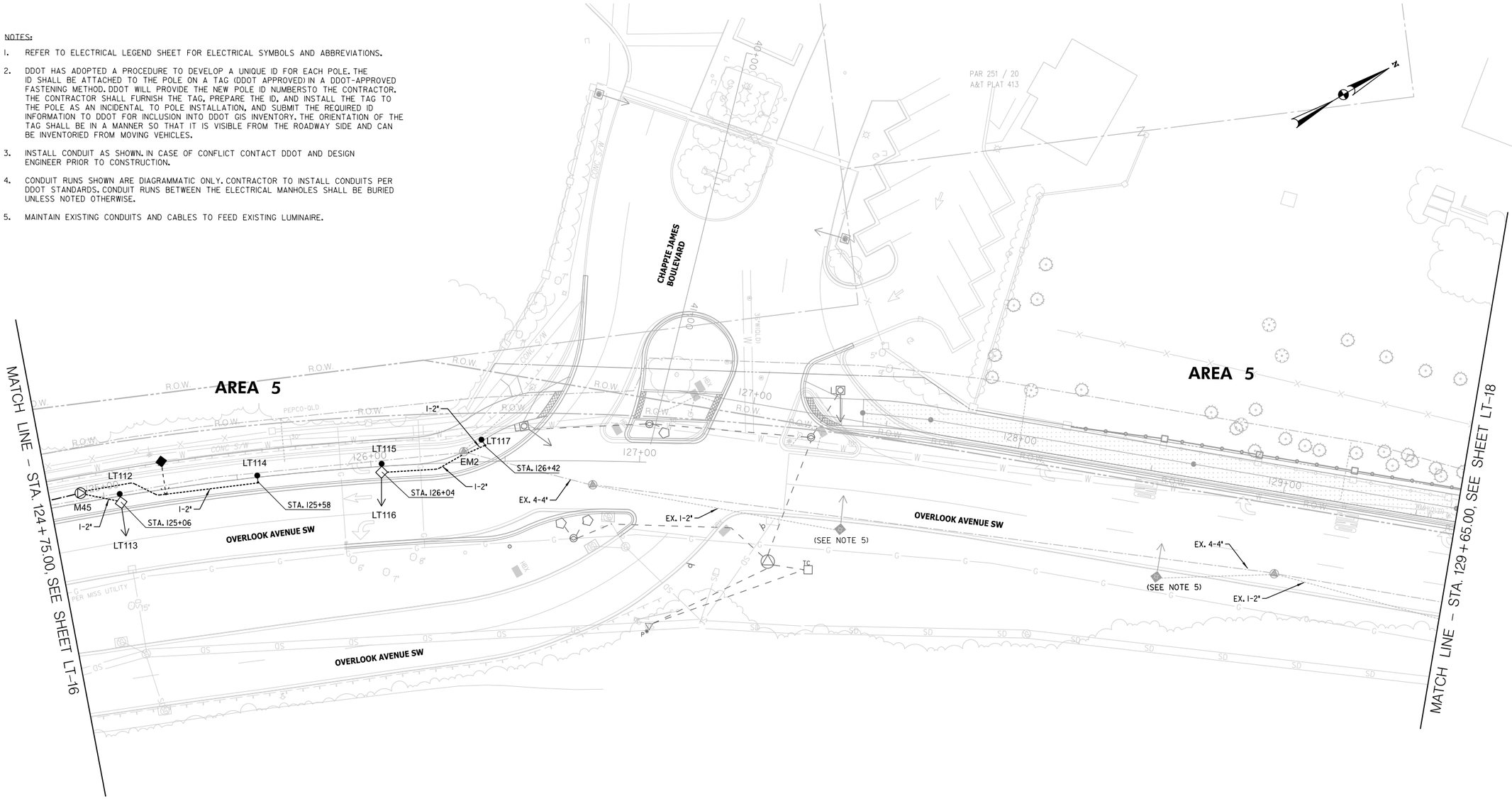
5. MAINTAIN EXISTING CONDUITS AND CABLES TO FEED EXISTING LUMINAIRE.



- PROPOSED I-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #716 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
- EXISTING COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH TRUSS ARM, STEEL TRANSFORMER BASE AND 155W LED COBRAHEAD LUMINAIRE
- PROPOSED COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE TO BE REMOVED
- PROPOSED 48" ×48" ×48" MANHOLE
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- PROPOSED WALLPACK
- PROPOSED SERVICE DROP POINT
- EXISTING TEARDROP STREETLIGHT POLE
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- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND 155W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE30178
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LT–17

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 351 OF 576

pLT-P017_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	352	576

NOTES:

1. REFER TO ELECTRICAL LEGEND SHEET FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
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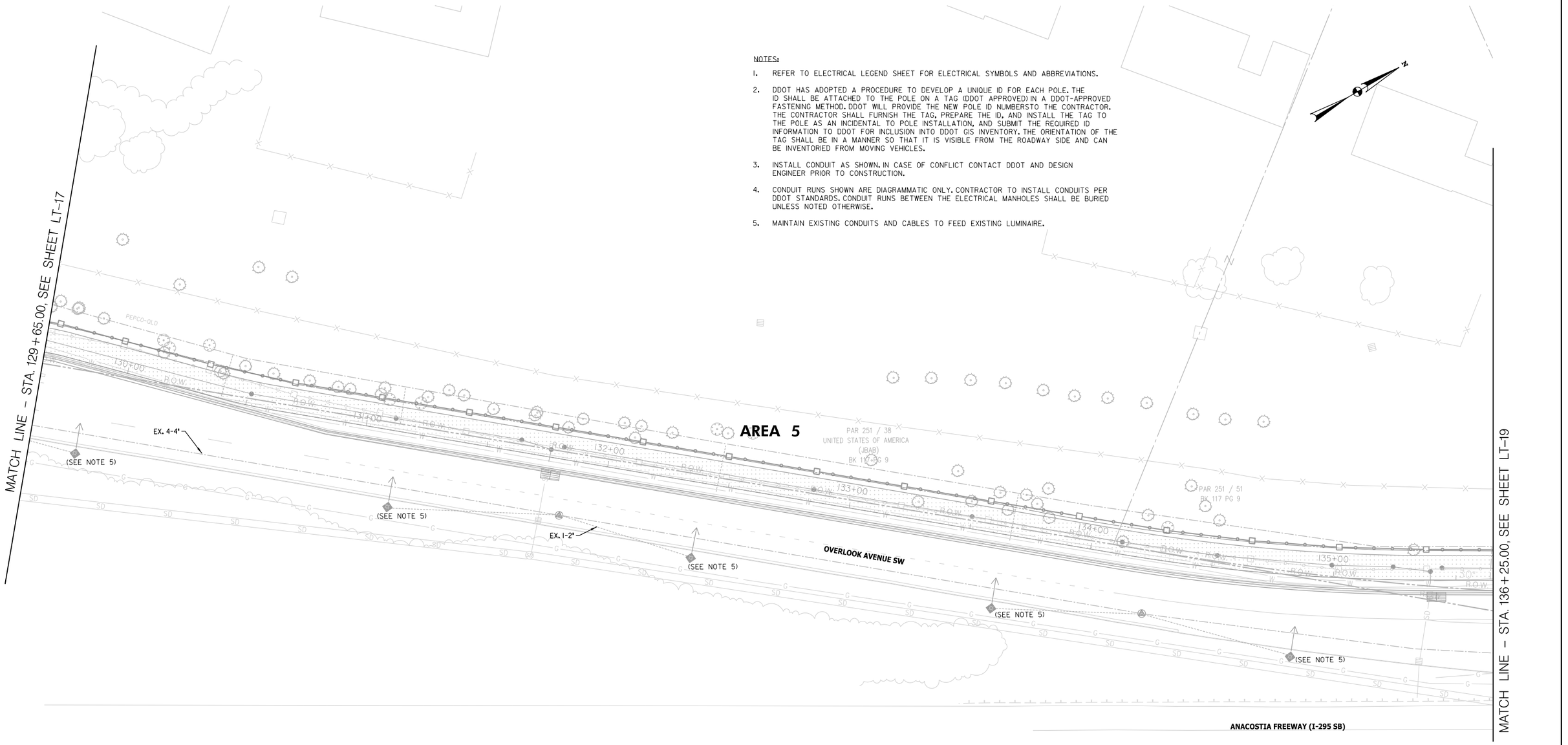
5. MAINTAIN EXISTING CONDUITS AND CABLES TO FEED EXISTING LUMINAIRE.



- PROPOSED 1-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #7/6 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
- EXISTING COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH TRUSS ARM, STEEL TRANSFORMER BASE AND 155W LED COBRAHEAD LUMINAIRE
- PROPOSED COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE TO BE REMOVED
- PROPOSED 48" ×48" ×48" MANHOLE
- EXISTING 48" ×48" ×48" MANHOLE
- PROPOSED WALLPACK
- PROPOSED SERVICE DROP POINT
- EXISTING TEARDROP STREETLIGHT POLE
- EXISTING TEARDROP STREETLIGHT POLE TO BE REMOVED
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND 155W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- E—(E)—E EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20′ 0 20′ 40′
SCALE: 1"=20′

LT–18

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 352 OF 576

NO.	DESCRIPTION	NAME	DATE

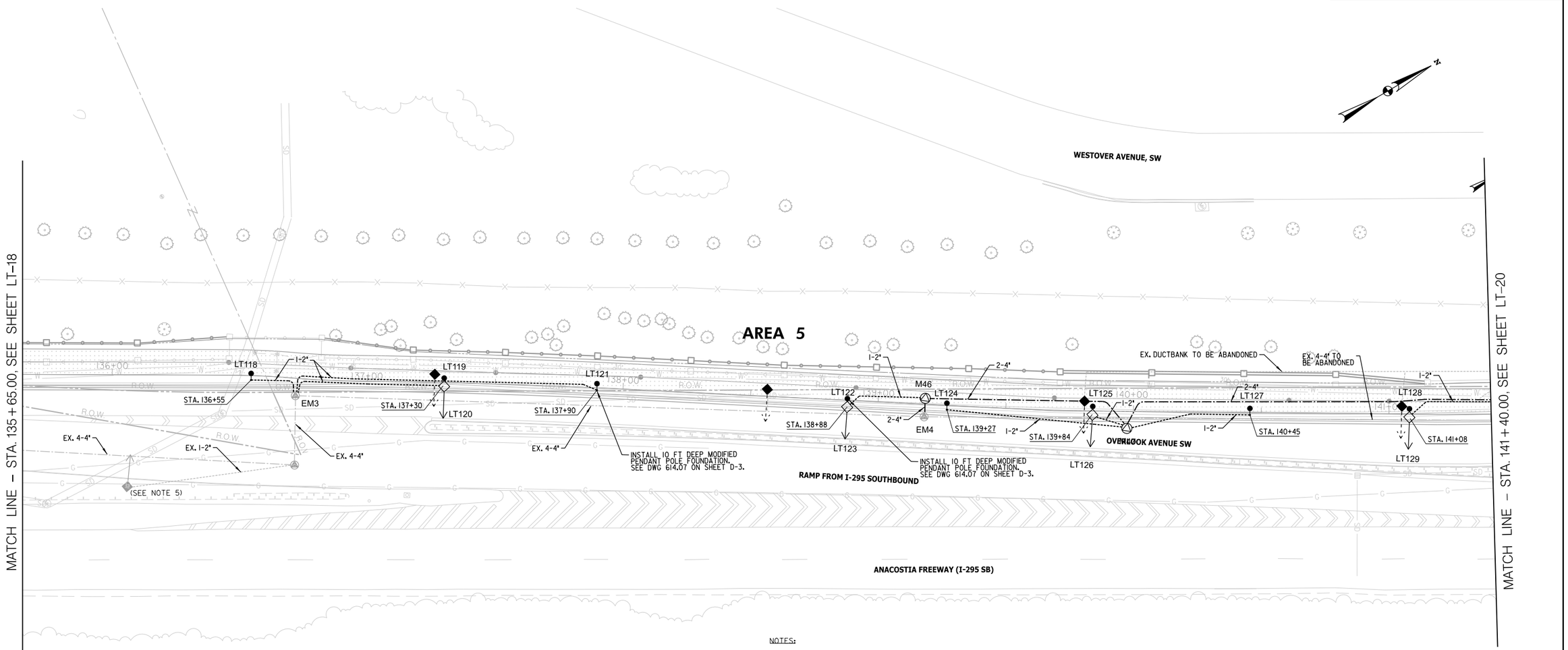
REVISIONS

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA · MARLON G. SMOAK · NO. PE007176 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

PLT-P018_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	353	576



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5. MAINTAIN EXISTING CONDUITS AND CABLES TO FEED EXISTING LUMINAIRE.

- PROPOSED 1-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #7/6 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
- EXISTING COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH TRUSS ARM, STEEL TRANSFORMER BASE AND 155W LED COBRAHEAD LUMINAIRE
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- PROPOSED WALLPACK
- PROPOSED SERVICE DROP POINT
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- EXISTING PEPCO POLE
- E—(E)—E EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — MARION G. SMOAK — NO. PE007716 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LT–19

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

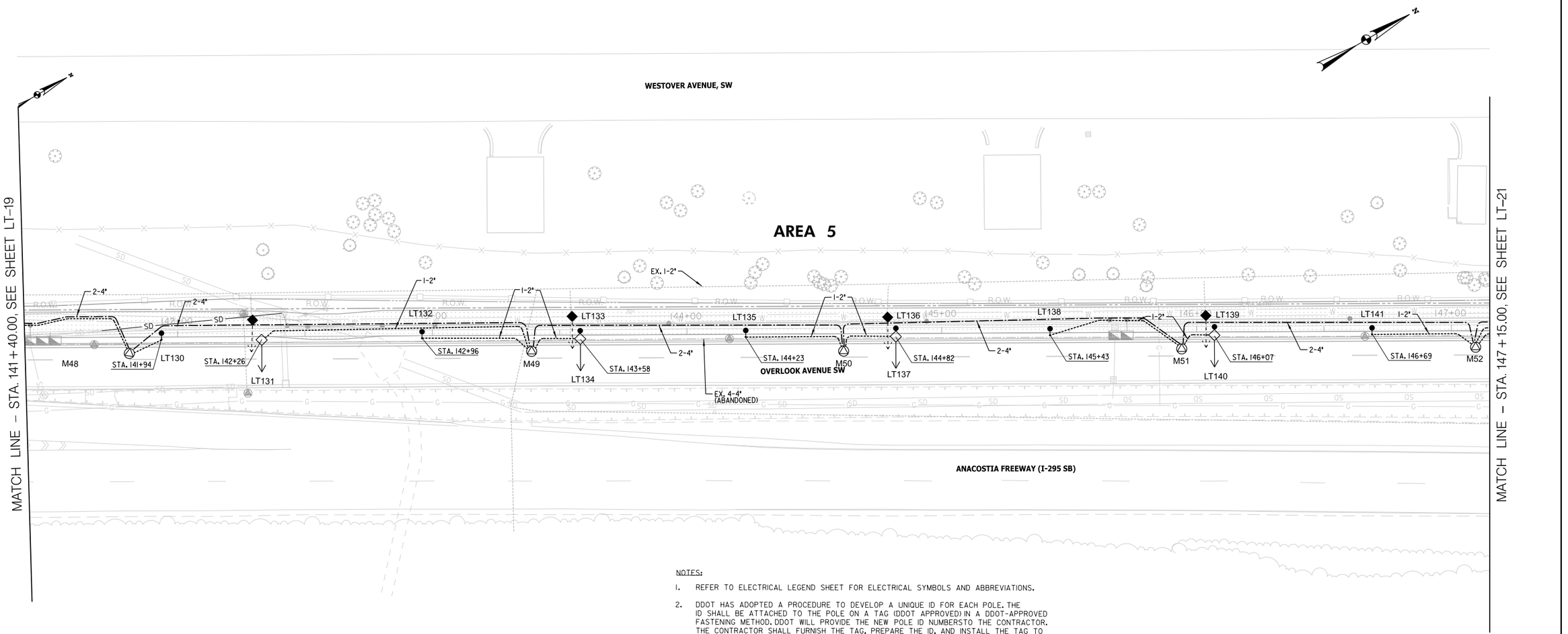
DATE

FILE

SHEET 353 OF 576

PLT-P019_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	354	576



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- PROPOSED 1-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #7/6 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
- EXISTING COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH TRUSS ARM, STEEL TRANSFORMER BASE AND 155W LED COBRAHEAD LUMINAIRE
- PROPOSED COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE TO BE REMOVED
- PROPOSED 48"×48"×48" MANHOLE
- EXISTING 48"×48"×48" MANHOLE
- PROPOSED WALLPACK
- PROPOSED SERVICE DROP POINT
- EXISTING TEARDROP STREETLIGHT POLE
- EXISTING TEARDROP STREETLIGHT POLE TO BE REMOVED
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND 155W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA · DARION D. SIMONS · NO. PE014776 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LT-20

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

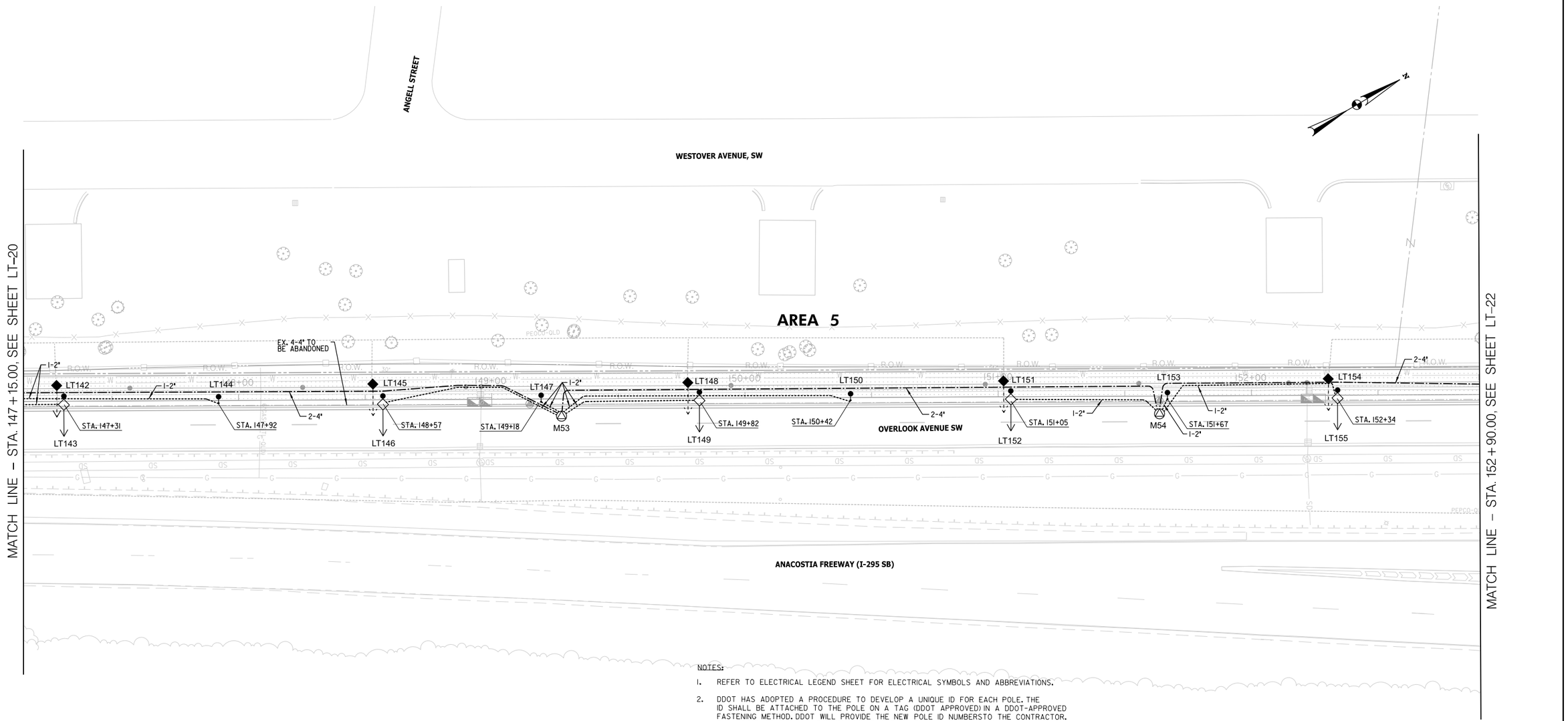
PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 354 OF 576

plt-p020_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	355	576



NOTES:

1. REFER TO ELECTRICAL LEGEND SHEET FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. DDOT HAS ADOPTED A PROCEDURE TO DEVELOP A UNIQUE ID FOR EACH POLE. THE ID SHALL BE ATTACHED TO THE POLE ON A TAG (DDOT APPROVED) IN A DDOT-APPROVED FASTENING METHOD. DDOT WILL PROVIDE THE NEW POLE ID NUMBERSTO THE CONTRACTOR. THE CONTRACTOR SHALL FURNISH THE TAG, PREPARE THE ID, AND INSTALL THE TAG TO THE POLE AS AN INCIDENTAL TO POLE INSTALLATION, AND SUBMIT THE REQUIRED ID INFORMATION TO DDOT FOR INCLUSION INTO DDOT GIS INVENTORY. THE ORIENTATION OF THE TAG SHALL BE IN A MANNER SO THAT IT IS VISIBLE FROM THE ROADWAY SIDE AND CAN BE INVENTORIED FROM MOVING VEHICLES.
3. INSTALL CONDUIT AS SHOWN. IN CASE OF CONFLICT CONTACT DDOT AND DESIGN ENGINEER PRIOR TO CONSTRUCTION.
4. CONDUIT RUNS SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTOR TO INSTALL CONDUITS PER DDOT STANDARDS. CONDUIT RUNS BETWEEN THE ELECTRICAL MANHOLES SHALL BE BURIED UNLESS NOTED OTHERWISE.

- PROPOSED I-2" PVC CONDUIT DUCT BANK
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- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND I55W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA
MARION G. SMOLA
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P021_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LT–21

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

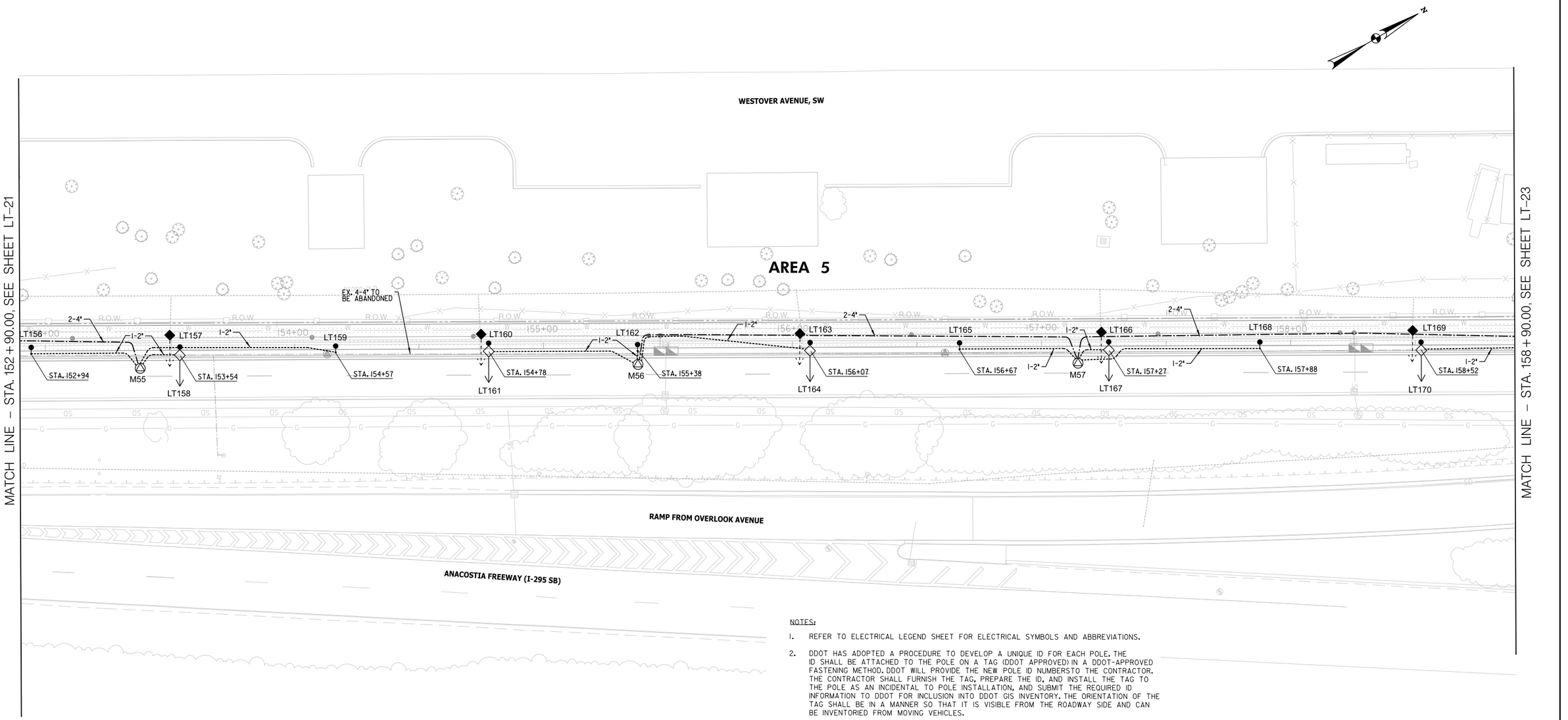
DIVISION CHIEF

DATE

FILE

SHEET 355 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	356	576



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- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND 155W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- E—(E)—E EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20′ 0 20′ 40′
SCALE: 1"=20′

LT-22

DISTRICT OF COLUMBIA
MARION G. SMOAK
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

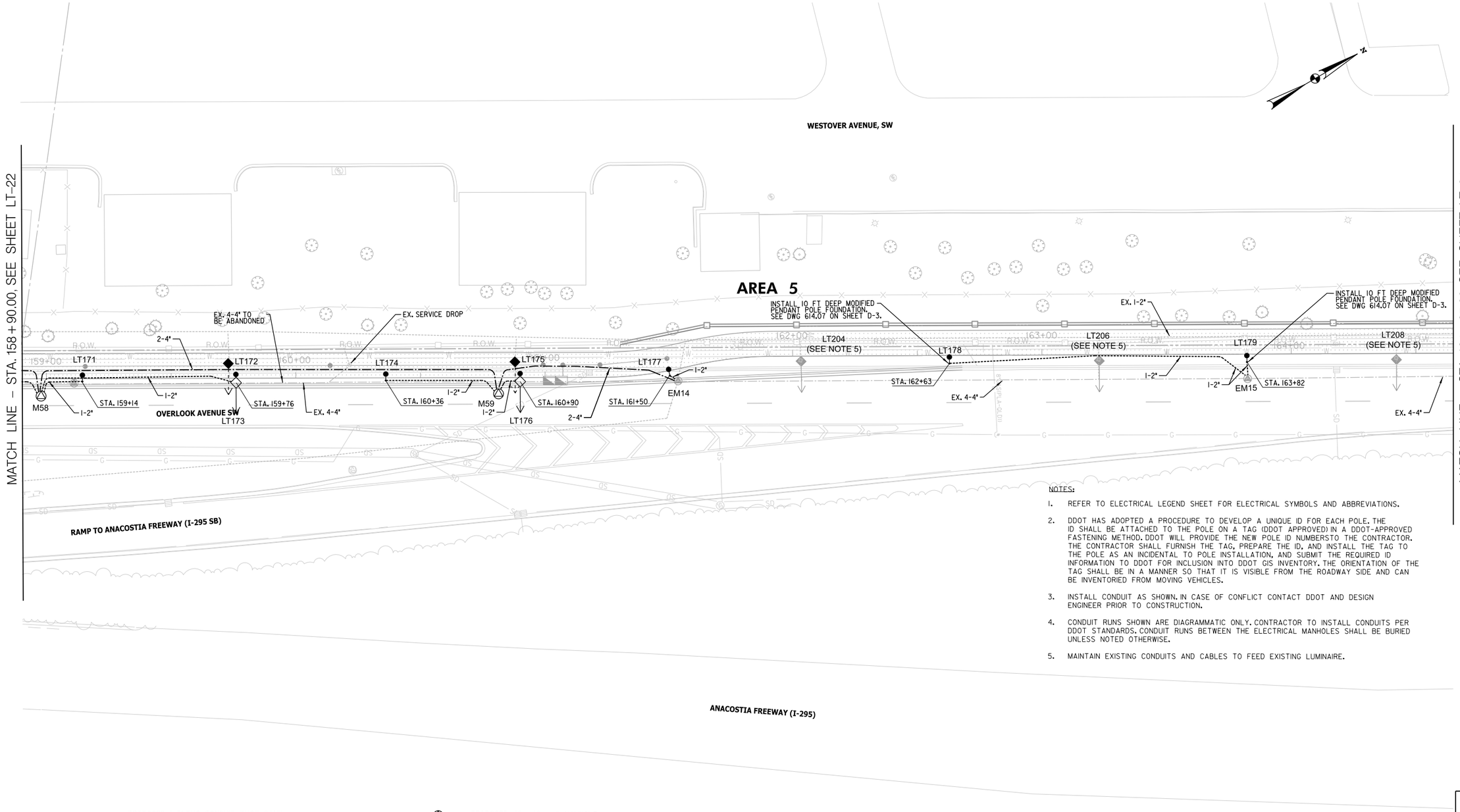
DATE

FILE

SHEET 356 OF 576

plt-p022_scstrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	357	576



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5. MAINTAIN EXISTING CONDUITS AND CABLES TO FEED EXISTING LUMINAIRE.

- PROPOSED 1-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA
RAMON O. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P023_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LT–23

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

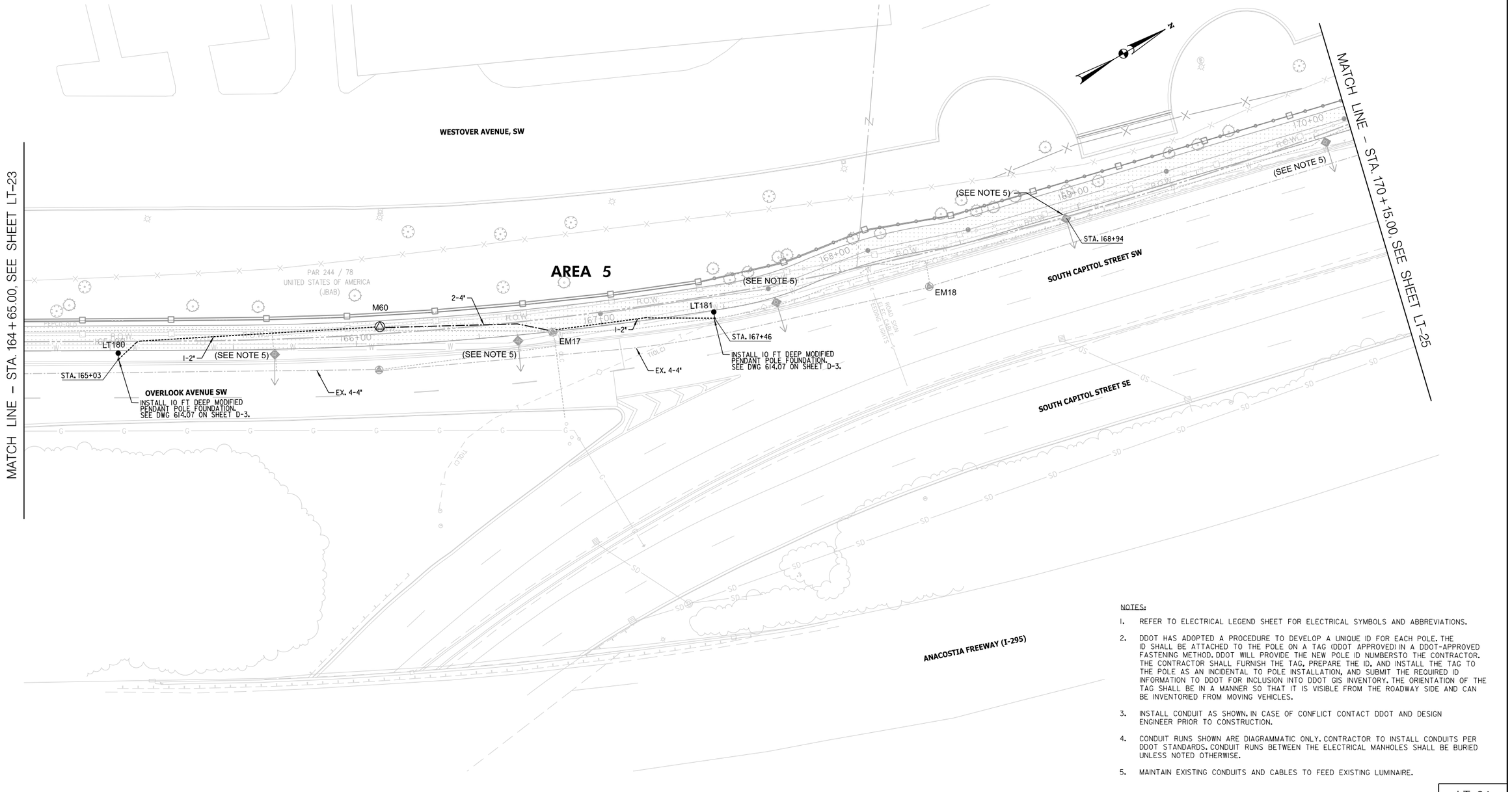
DIVISION CHIEF

DATE

FILE

SHEET 357 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	358	576



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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA
RAMON G. SMOAK
NO. PE904176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P024_SCSTr-ali.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LT–24

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

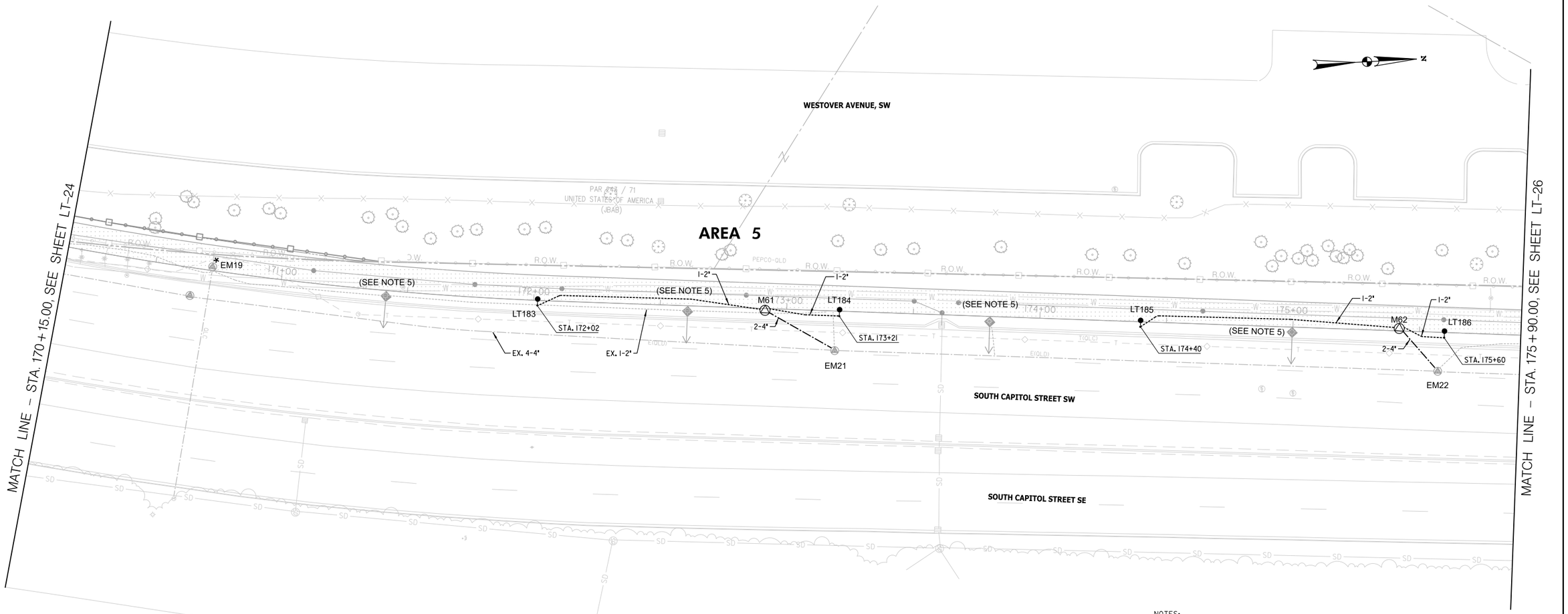
PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 358 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	359	576



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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA
DARLENE SIMONS
NO. PE014716
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P025_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LT–25

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

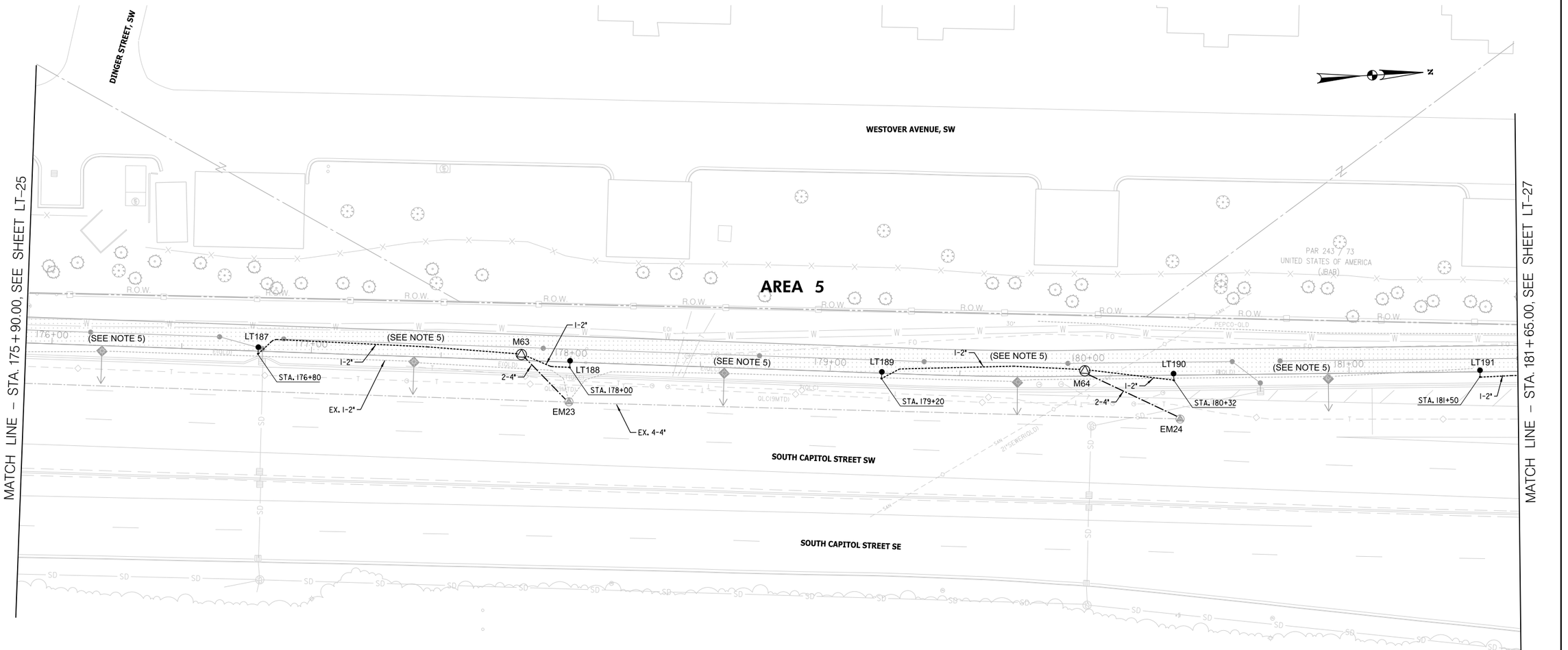
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 359 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	360	576



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20′ 0 20′ 40′
SCALE: I"=20′

DISTRICT OF COLUMBIA
RAMON G. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P026_SCSTr-ali.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LT–26

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

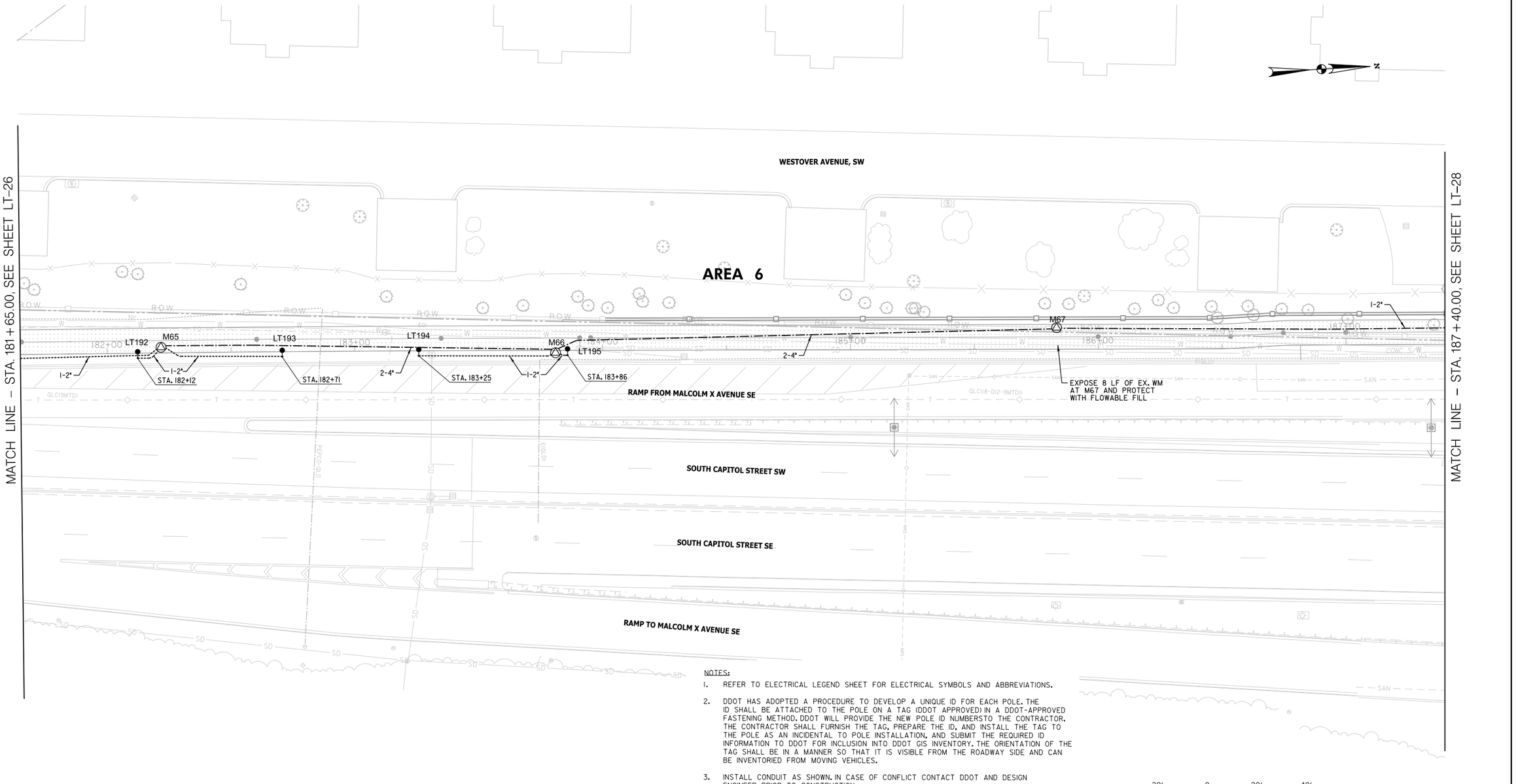
DIVISION CHIEF

DATE

FILE

SHEET 360 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	361	576



NOTES:

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3. INSTALL CONDUIT AS SHOWN. IN CASE OF CONFLICT CONTACT DDOT AND DESIGN ENGINEER PRIOR TO CONSTRUCTION.
4. CONDUIT RUNS SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTOR TO INSTALL CONDUITS PER DDOT STANDARDS. CONDUIT RUNS BETWEEN THE ELECTRICAL MANHOLES SHALL BE BURIED UNLESS NOTED OTHERWISE.
5. ENCASE THE 30" WATER MAIN WITH FLOWABLE FILL. ENCASE THE EXISTING 30" WATER MAIN PIPE WITH CONCRETE OR BACKFILL WITH CLSM TO A DEPTH OF ONE (1) FT ABOVE THE PIPE. IF ENCASING A METALLIC WATERMAIN, PROVIDE A POLY WRAP SLEEVE AROUND THE WATER MAIN INSIDE THE CONCRETE ENCASEMENT

20′ 0 20′ 40′
SCALE: 1"=20′

- PROPOSED 1-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #7/6 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
- EXISTING COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH TRUSS ARM, STEEL TRANSFORMER BASE AND 155W LED COBRAHEAD LUMINAIRE
- PROPOSED COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE TO BE REMOVED
- PROPOSED 48" ×48" ×48" MANHOLE
- EXISTING 48" ×48" ×48" MANHOLE
- PROPOSED WALLPACK
- PROPOSED SERVICE DROP POINT
- EXISTING TEARDROP STREETLIGHT POLE
- EXISTING TEARDROP STREETLIGHT POLE TO BE REMOVED
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND 155W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE30176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P027_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LT–27

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

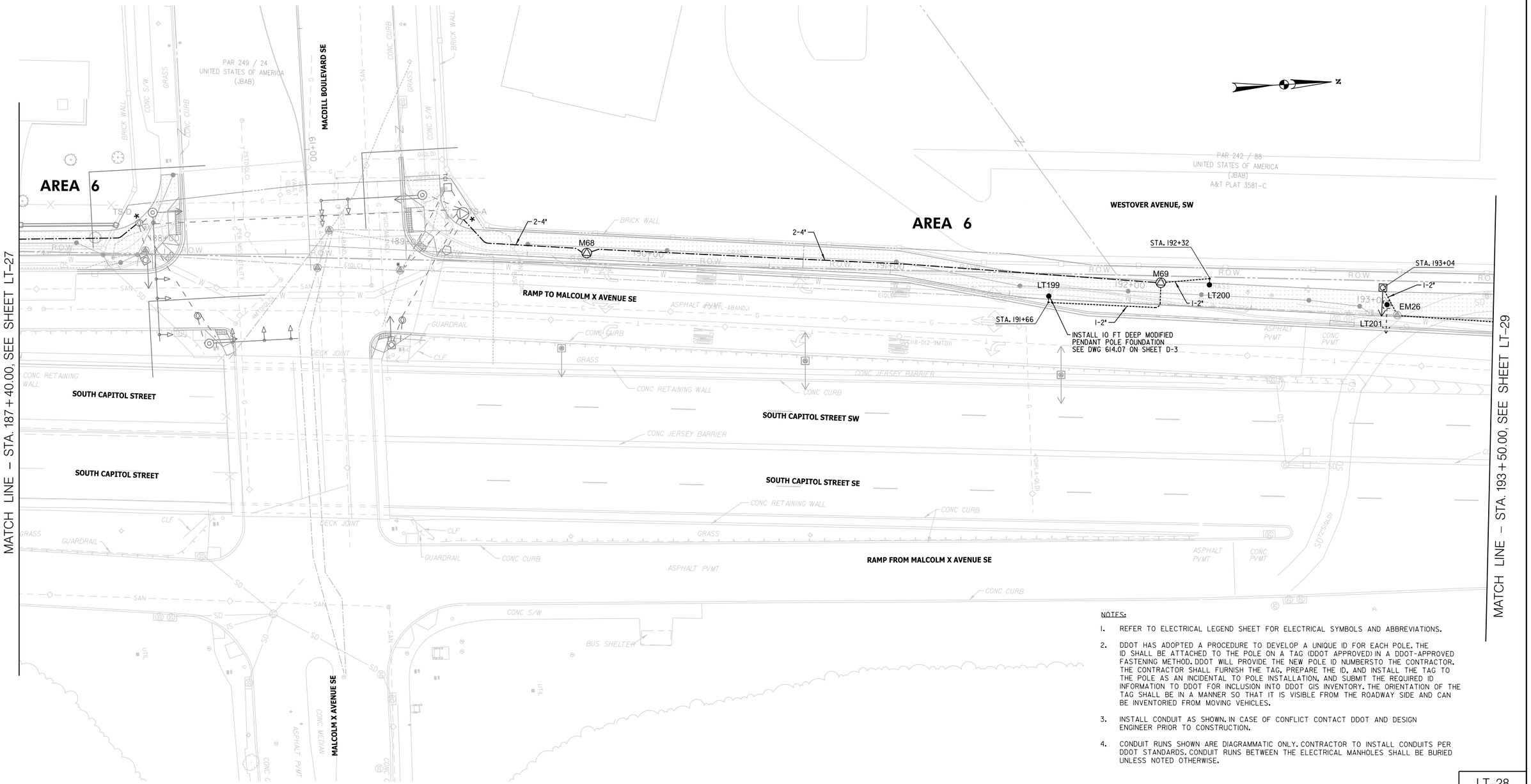
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 361 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	362	576



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- EXISTING 2" CONDUIT
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- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
CHARLOTTE SIMONELLI
NO. PE004706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pLT-P028.SCSTrail.dgn
3/5/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LT-28

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

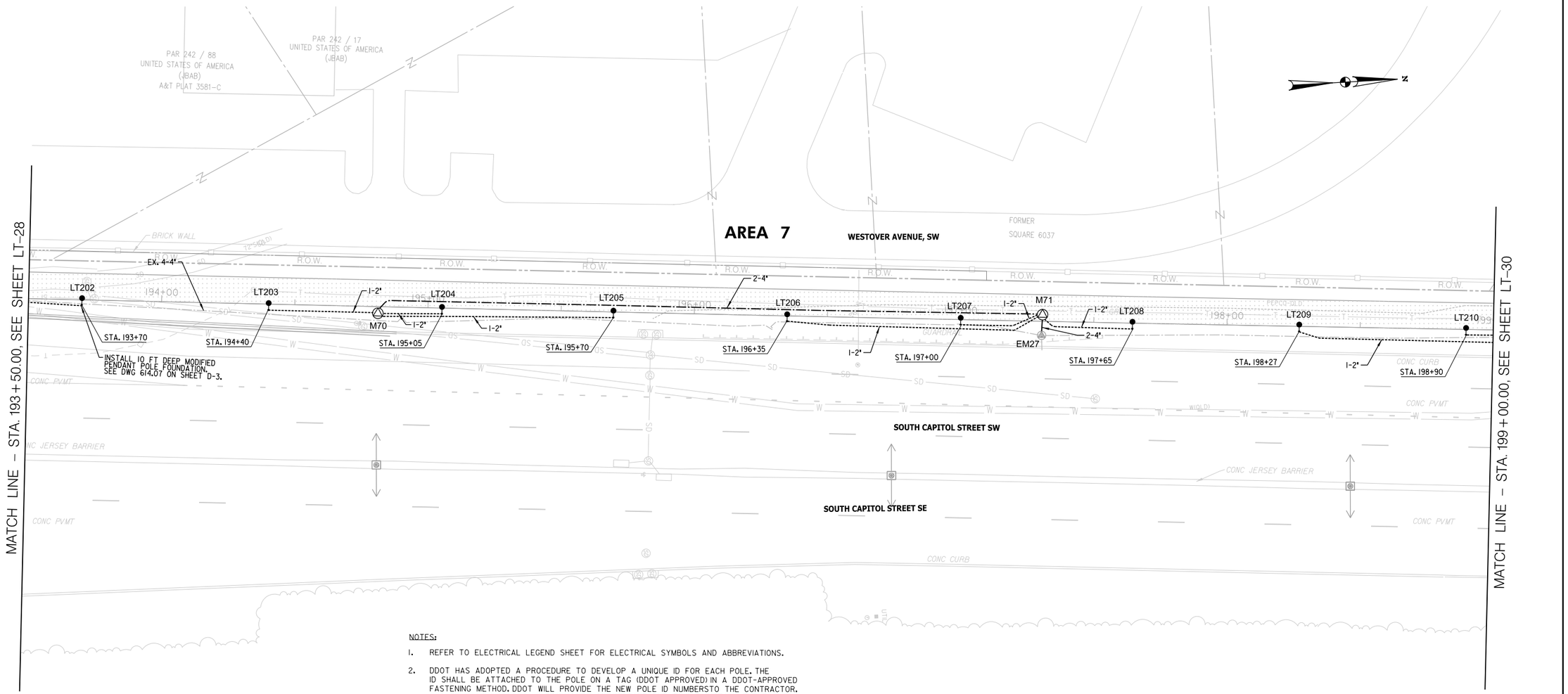
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 362 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	363	576



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- PROPOSED 1-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #716 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA
MARION G. SMOLA
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-P029_SCSTr-all.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LT–29

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

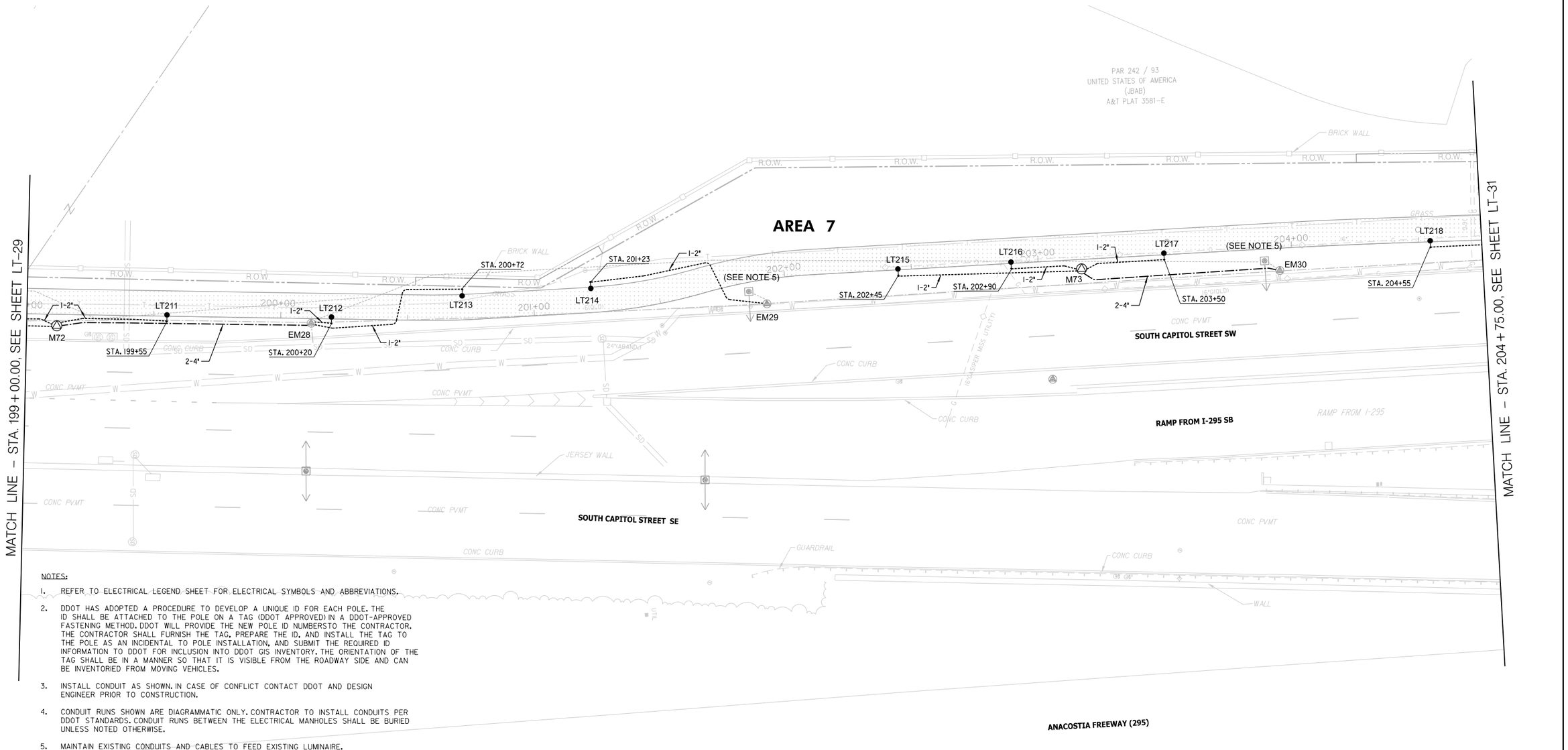
PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 363 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	364	576



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5. MAINTAIN EXISTING CONDUITS AND CABLES TO FEED EXISTING LUMINAIRE.

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- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
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- PROPOSED 20 FT. #7/6 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA
MARION G. SMOAK
NO. PE004776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

plt-P030_SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LT–30

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

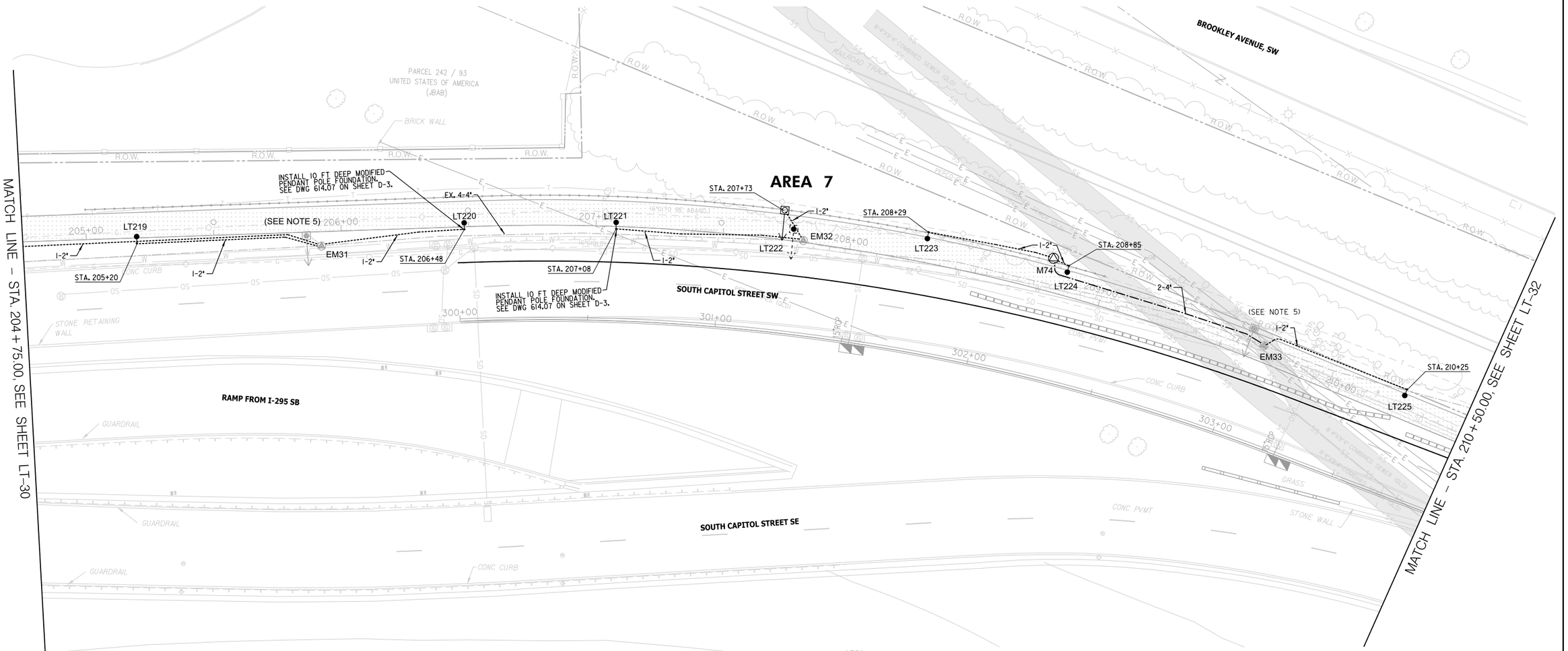
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 364 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	365	576



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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20' 0 20' 40'
SCALE: 1"=20'

LT-31

DISTRICT OF COLUMBIA — SHARON D. SHORE — NO. PE014706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

pLT-P031_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

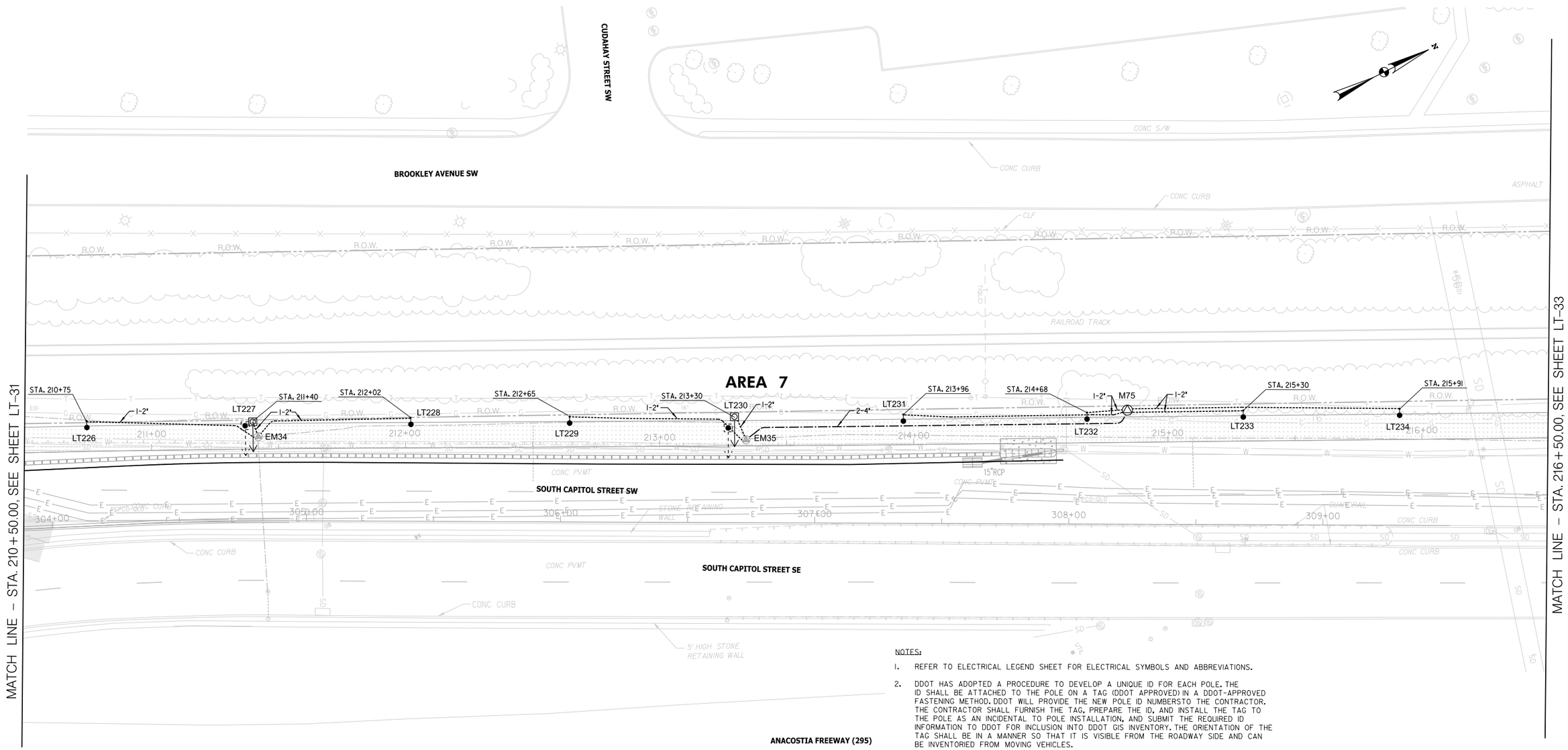
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 365 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	366	576



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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

DISTRICT OF COLUMBIA — DARLON D. SIMONS — NO. PE047116 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LT-32

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

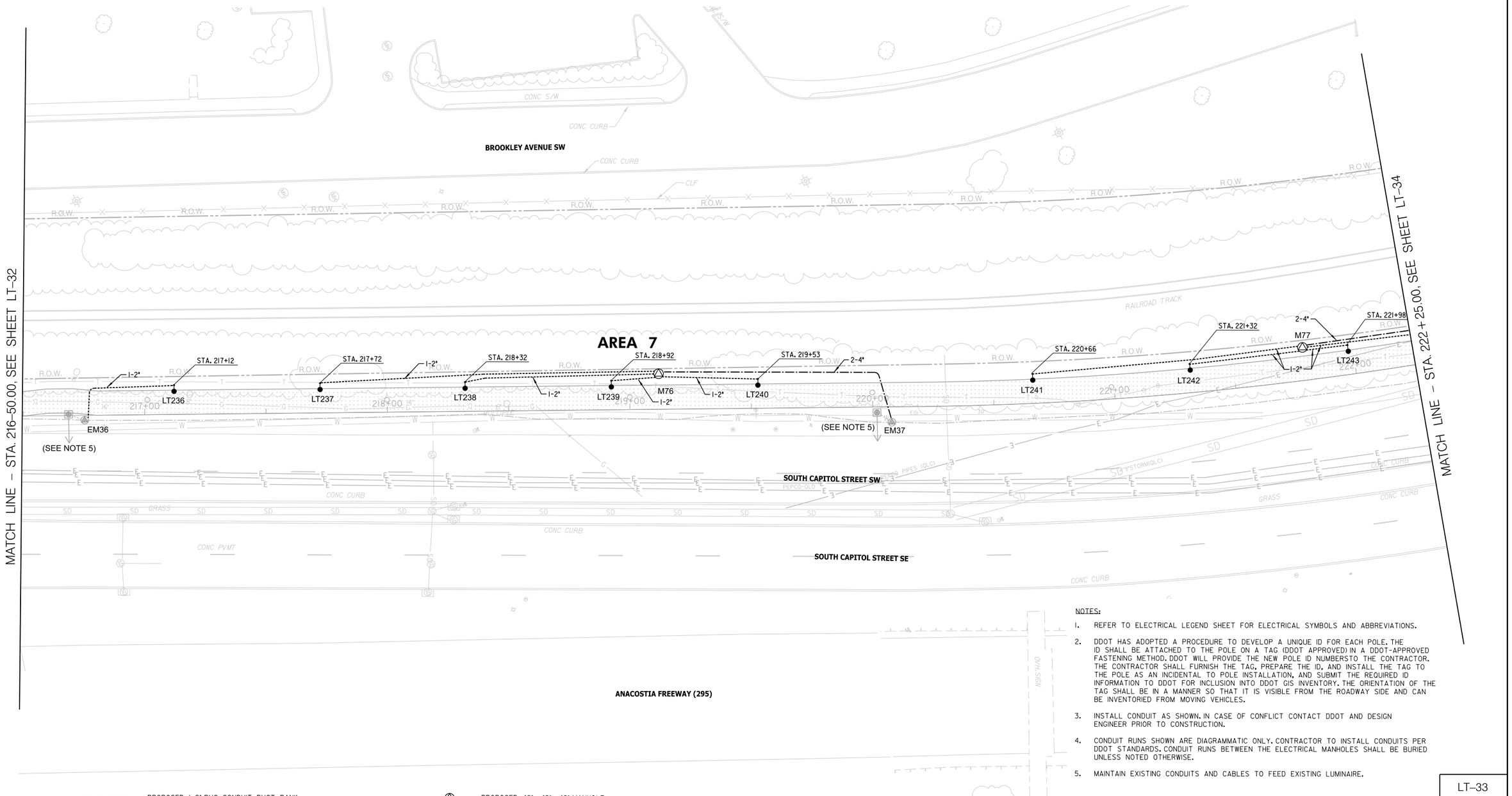
DATE

FILE

SHEET 366 OF 576

pLT-P032_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	367	576



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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

DISTRICT OF COLUMBIA — DARLON D. SIMONS — NO. PE004706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

20' 0 20' 40'
SCALE: 1"=20'

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

LT–33

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

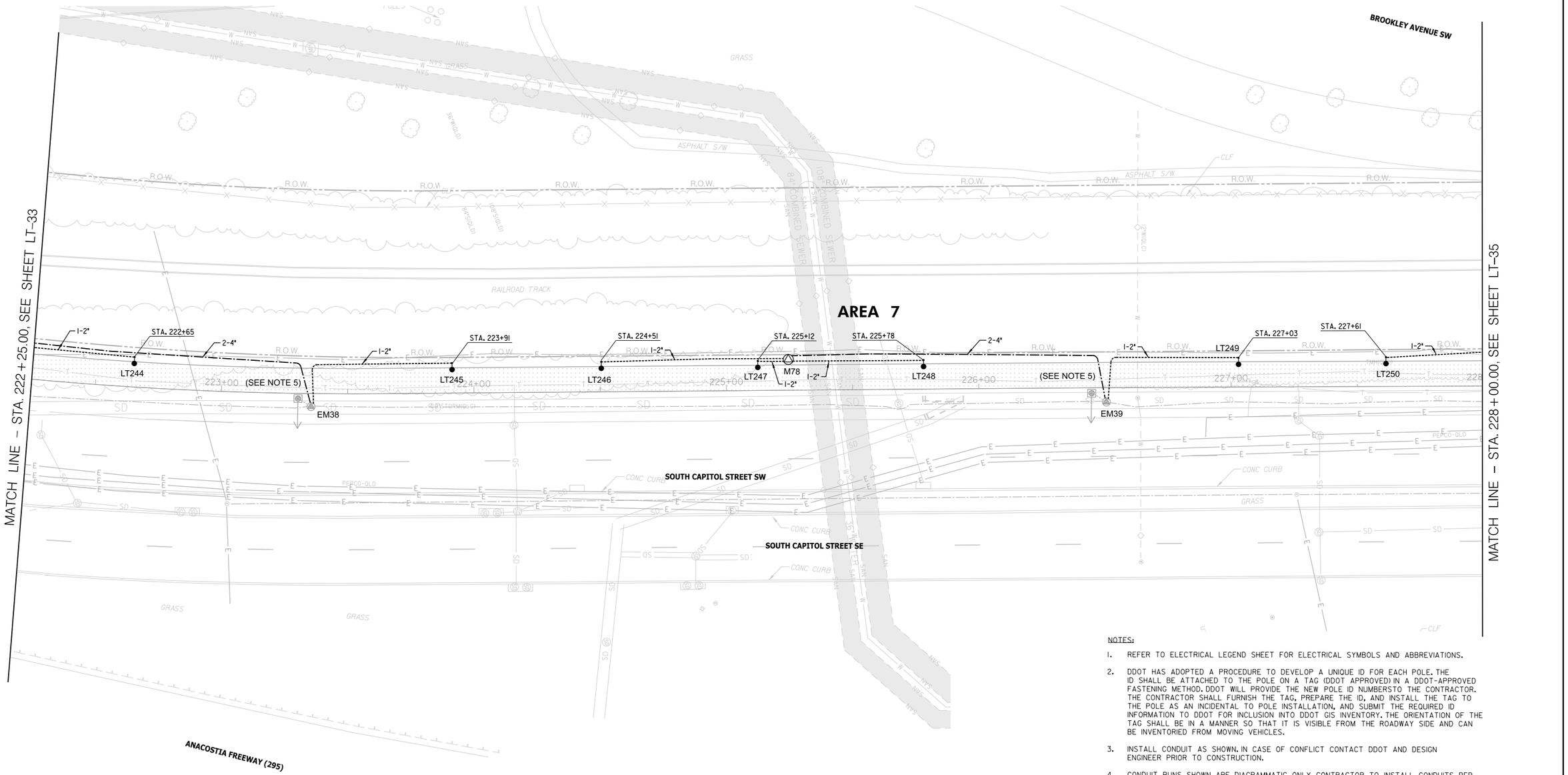
PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 367 OF 576

pLT-P033_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	368	576



NOTES:

1. REFER TO ELECTRICAL LEGEND SHEET FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. DDOT HAS ADOPTED A PROCEDURE TO DEVELOP A UNIQUE ID FOR EACH POLE. THE ID SHALL BE ATTACHED TO THE POLE ON A TAG (DDOT APPROVED) IN A DDOT-APPROVED FASTENING METHOD. DDOT WILL PROVIDE THE NEW POLE ID NUMBERSTO THE CONTRACTOR. THE CONTRACTOR SHALL FURNISH THE TAG, PREPARE THE ID, AND INSTALL THE TAG TO THE POLE AS AN INCIDENTAL TO POLE INSTALLATION, AND SUBMIT THE REQUIRED ID INFORMATION TO DDOT FOR INCLUSION INTO DDOT GIS INVENTORY. THE ORIENTATION OF THE TAG SHALL BE IN A MANNER SO THAT IT IS VISIBLE FROM THE ROADWAY SIDE AND CAN BE INVENTORIED FROM MOVING VEHICLES.
3. INSTALL CONDUIT AS SHOWN. IN CASE OF CONFLICT CONTACT DDOT AND DESIGN ENGINEER PRIOR TO CONSTRUCTION.
4. CONDUIT RUNS SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTOR TO INSTALL CONDUITS PER DDOT STANDARDS. CONDUIT RUNS BETWEEN THE ELECTRICAL MANHOLES SHALL BE BURIED UNLESS NOTED OTHERWISE.
5. MAINTAIN EXISTING CONDUITS AND CABLES TO FEED EXISTING LUMINAIRE.

LT–34

- PROPOSED 1-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #7I6 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
- EXISTING COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH TRUSS ARM, STEEL TRANSFORMER BASE AND I55W LED COBRAHEAD LUMINAIRE
- PROPOSED COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE TO BE REMOVED
- PROPOSED 48"x48"x48" MANHOLE
- EXISTING 48"x48"x48" MANHOLE
- PROPOSED WALLPACK
- PROPOSED SERVICE DROP POINT
- EXISTING TEARDROP STREETLIGHT POLE
- EXISTING TEARDROP STREETLIGHT POLE TO BE REMOVED
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND I55W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA — SHARON D. SHOWS — NO. PE50476 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

pLT-P034_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

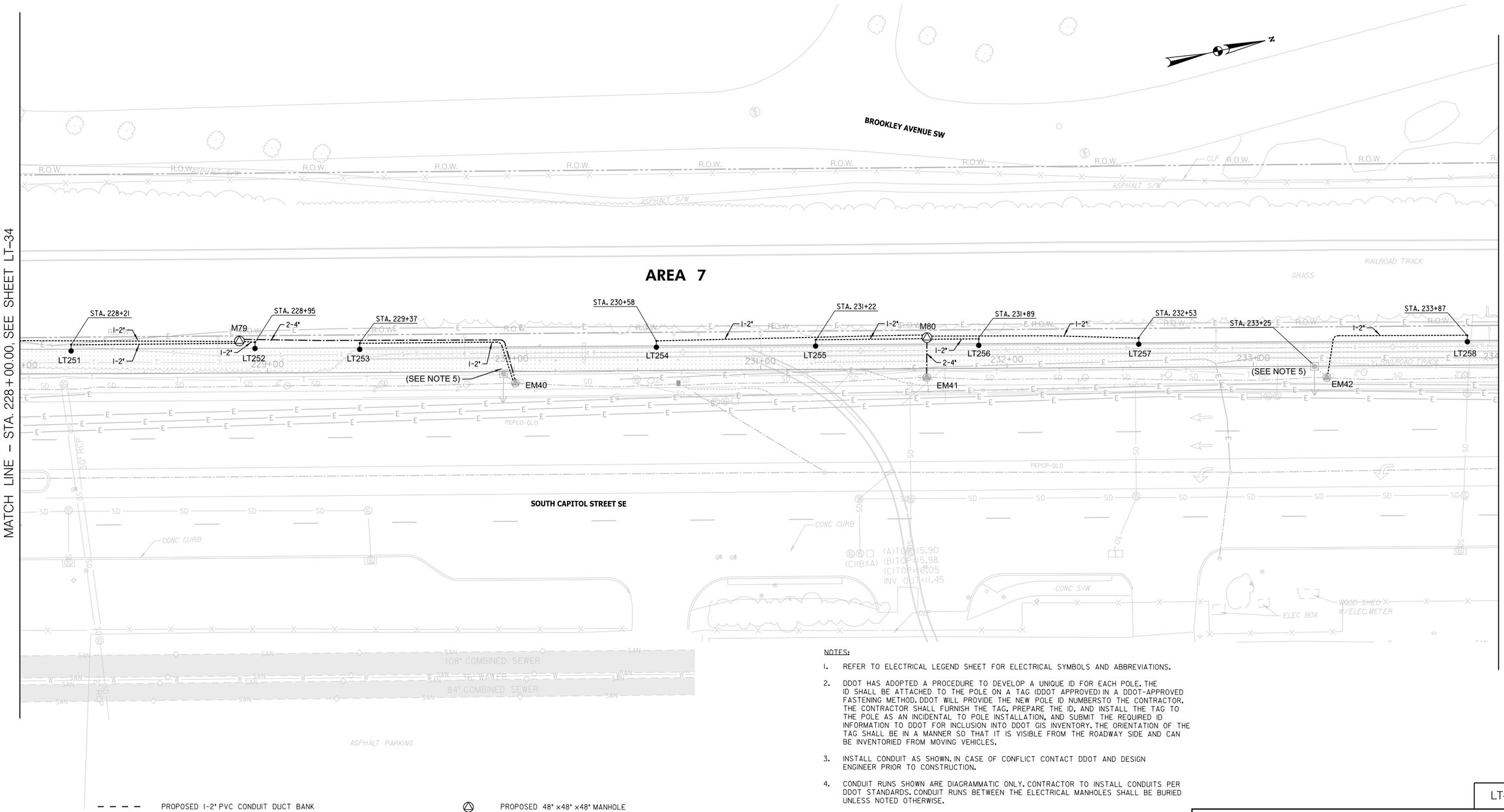
PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 368 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	369	576

MATCH LINE – STA. 228+00.00, SEE SHEET LT-34

MATCH LINE – STA. 234+00.00, SEE SHEET LT-36



NOTES:

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5. MAINTAIN EXISTING CONDUITS AND CABLES TO FEED EXISTING LUMINAIRE.

20′ 0 20′ 40′

SCALE: 1"=20′

- PROPOSED 1-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #716 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
- EXISTING COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH TRUSS ARM, STEEL TRANSFORMER BASE AND 155W LED COBRAHEAD LUMINAIRE
- PROPOSED COBRAHEAD WITH PROPOSED 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE TO BE REMOVED
- PROPOSED 48"×48"×48" MANHOLE
- EXISTING 48"×48"×48" MANHOLE
- PROPOSED WALLPACK
- PROPOSED SERVICE DROP POINT
- EXISTING TEARDROP STREETLIGHT POLE
- EXISTING TEARDROP STREETLIGHT POLE TO BE REMOVED
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND 155W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

DISTRICT OF COLUMBIA — DARLENE M. SIMONS — NO. PE009706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

pLT-P035_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LT-35

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

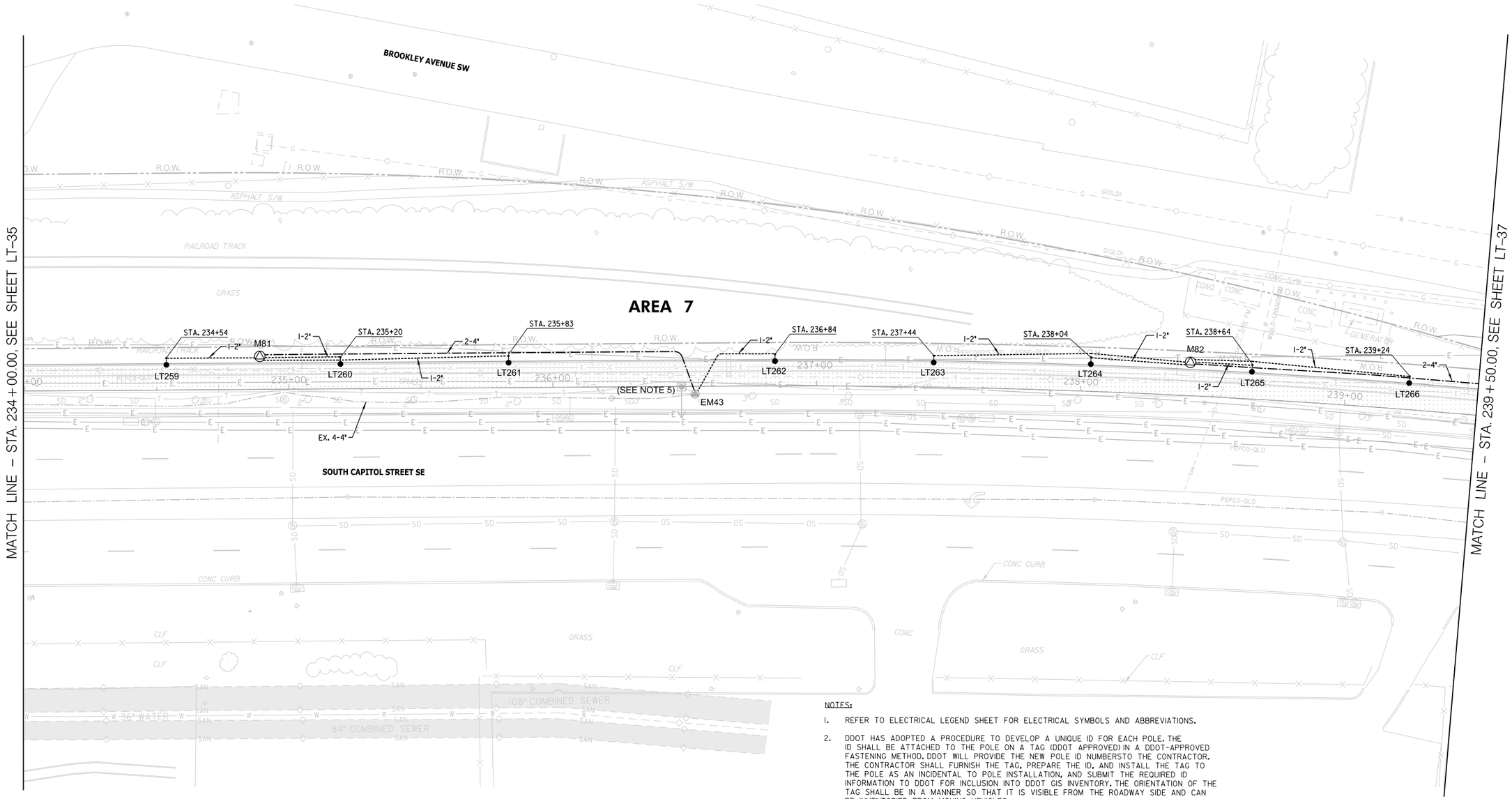
DIVISION CHIEF

DATE

FILE

SHEET 369 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	370	576



NOTES:

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5. MAINTAIN EXISTING CONDUITS AND CABLES TO FEED EXISTING LUMINAIRE.

20′ 0 20′ 40′
SCALE: 1"=20′

- PROPOSED 1-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #7/6 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
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- EXISTING TEARDROP STREETLIGHT POLE TO BE REMOVED
- PROPOSED 28.5 FT. STEEL PENDANT POLE WITH 8 FT. ARM, STEEL TRANSFORMER BASE AND 155W LED TEARDROP LUMINAIRE
- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

DISTRICT OF COLUMBIA · RAMLON G. SMOAK · NO. PE014746 · REGISTERED PROFESSIONAL ENGINEER · 3-31-2026

pLT-P036_SCSTr-ali.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LT-36

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	370 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	371	576

NOTES:

1. REFER TO ELECTRICAL LEGEND SHEET FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
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- PROPOSED 1-2" PVC CONDUIT DUCT BANK
- PROPOSED 2-4" PVC CONDUIT DUCT BANK
- EXISTING 2" CONDUIT
- EXISTING 4" CONDUIT
- PROPOSED 20 FT. #7/6 POLE WITH STEEL TRANSFORMER BASE AND 65W LED TRAIL FIXTURE
- EXISTING COBRAHEAD (PENDANT) STREETLIGHT POLE
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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT OF COLUMBIA — DARLON D. SMOKE — NO. PE014736 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

pLT-P037_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LT-37

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

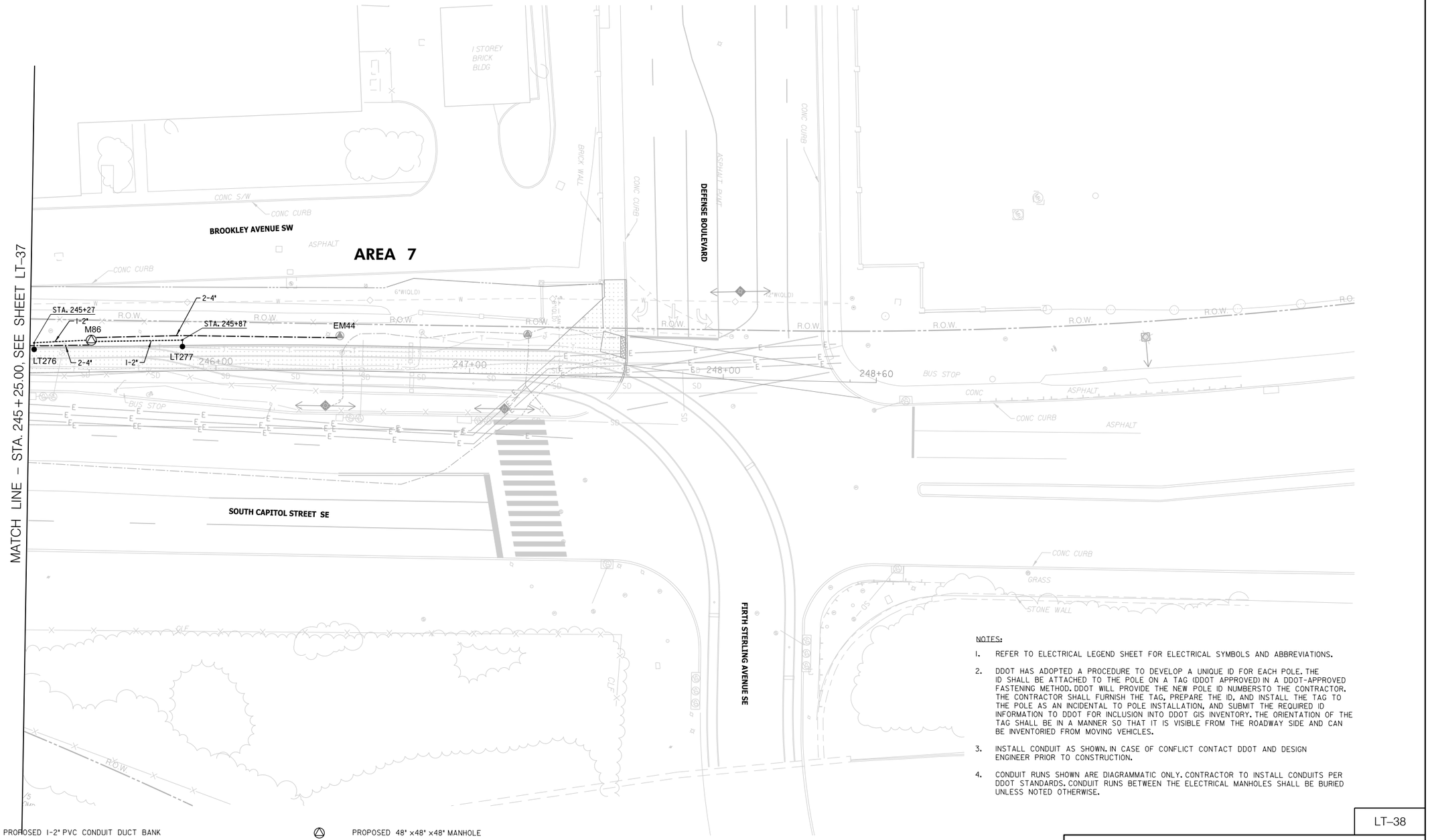
DIVISION CHIEF

DATE

FILE

SHEET 371 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	372	576



NOTES:

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- EXISTING PEPCO POLE
- EXISTING ELECTRIC MANHOLE AND UNDERGROUND LINE

20′ 0 20′ 40′
SCALE: 1"=20′

LT–38

DISTRICT OF COLUMBIA · MARLON D. SMOAK · NO. PE014706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PLAN

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

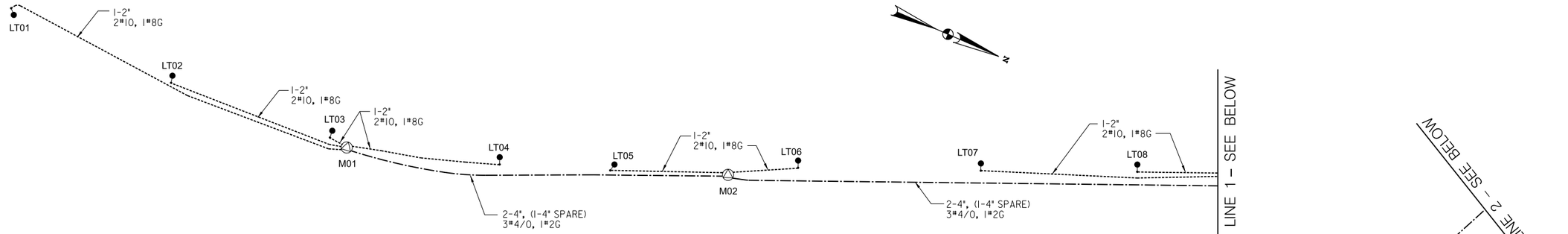
DATE

FILE

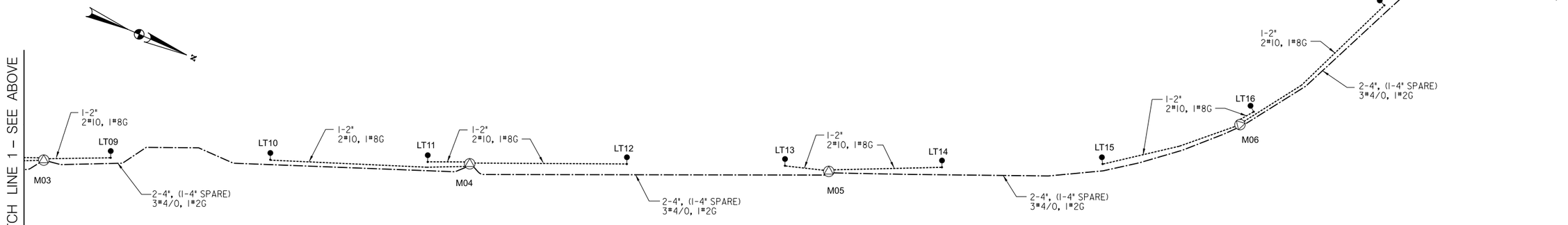
SHEET 372 OF 576

DLT-P038_SCSTrail.dgn
2/24/2026

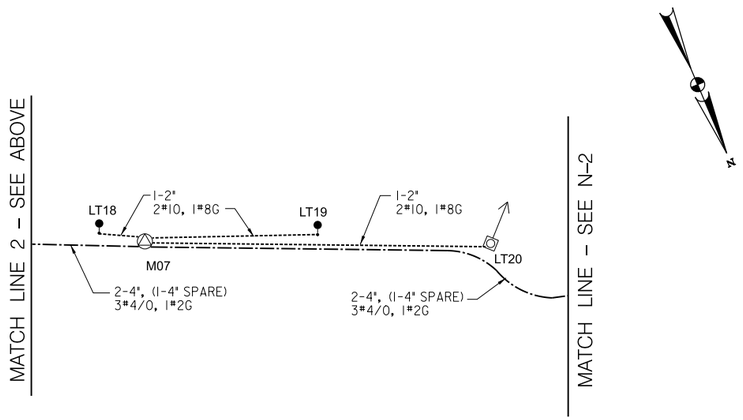
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	373	576



DC VILLAGE LANE



DC VILLAGE LANE



DC VILLAGE LANE

20′ 0 20′ 40′
SCALE: 1"=20′

N–1

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAMS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 373 OF 576

NO.	DESCRIPTION	NAME	DATE

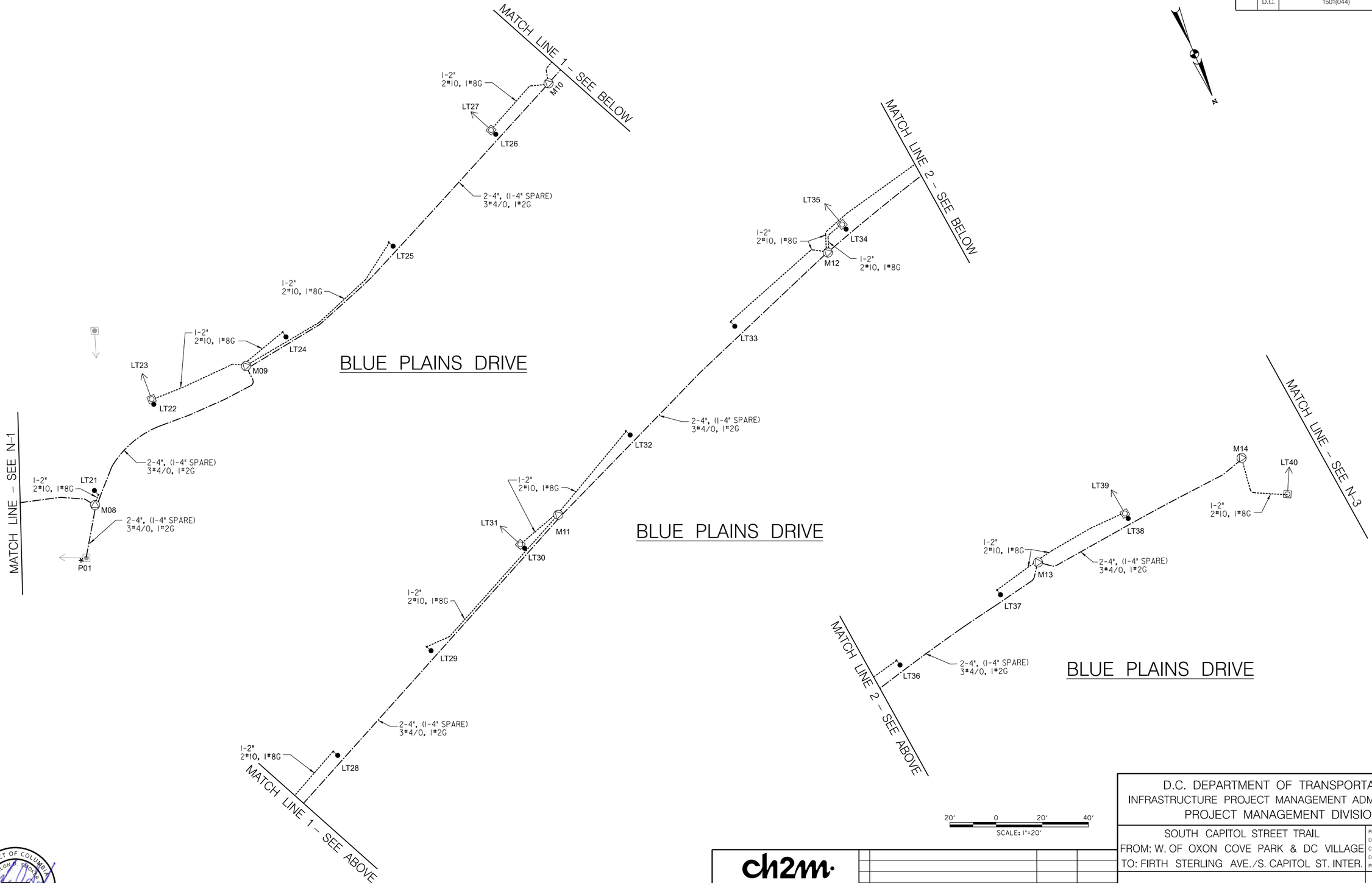
REVISIONS

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
DARRON G. SMOAK
NO. PE901706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-N001_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	374	576



N–2

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAMS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 374 OF 576

NO.	DESCRIPTION	NAME	DATE

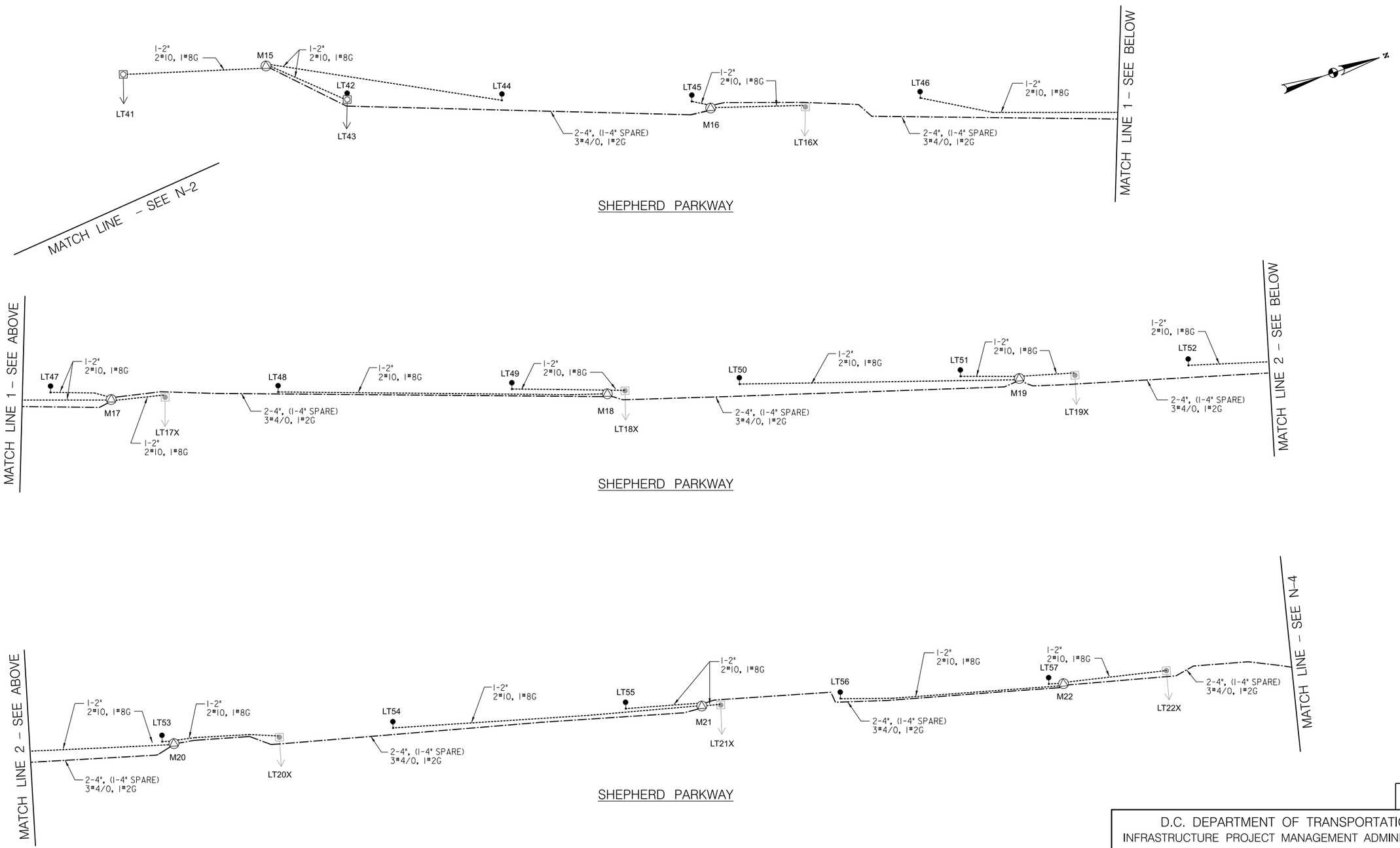
REVISIONS

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
SHARLON B. SHORES
NO. PE904796
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pLT-N002_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	375	576



20′ 0 20′ 40′
SCALE: 1"=20′

N–3

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAMS

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY GP
PROJECT MGR. MS

DIVISION CHIEF

DATE
FILE
SHEET 375 OF 576

NO.	DESCRIPTION	NAME	DATE

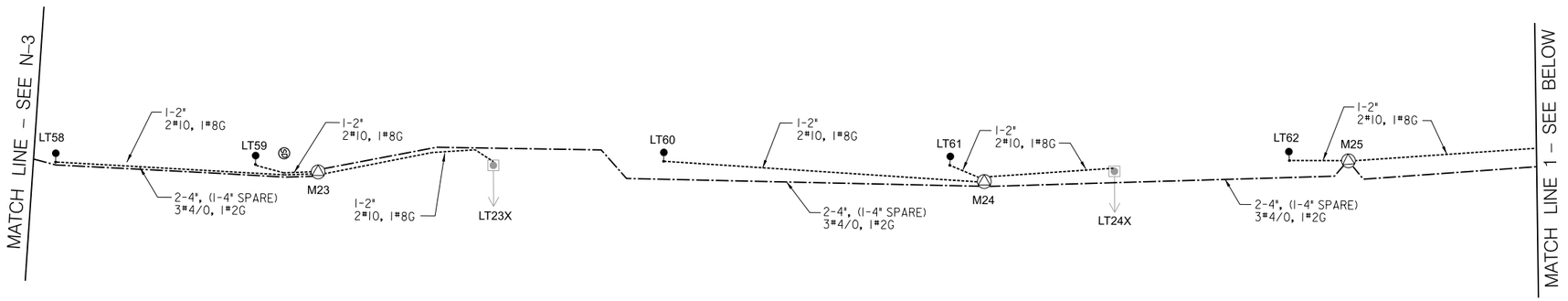
REVISIONS

ch2m· TOOLE DESIGN

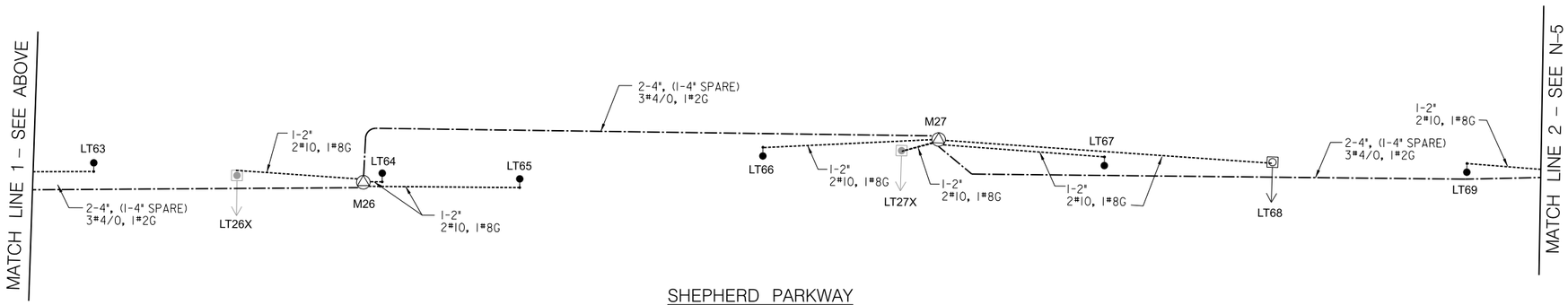
DISTRICT OF COLUMBIA
HAMILTON G. SMOAK
NO. PE014176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-N003_SCSTr-oli.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	376	576



SHEPHERD PARKWAY



SHEPHERD PARKWAY

20' 0 20' 40'
SCALE: 1"=20'

N–4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAMS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 376 OF 576

ch2m· TOOLE DESIGN

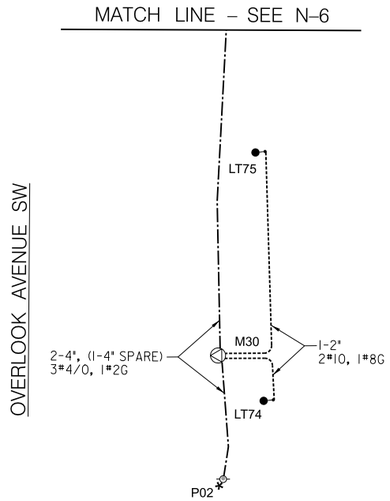
NO.	DESCRIPTION	NAME	DATE

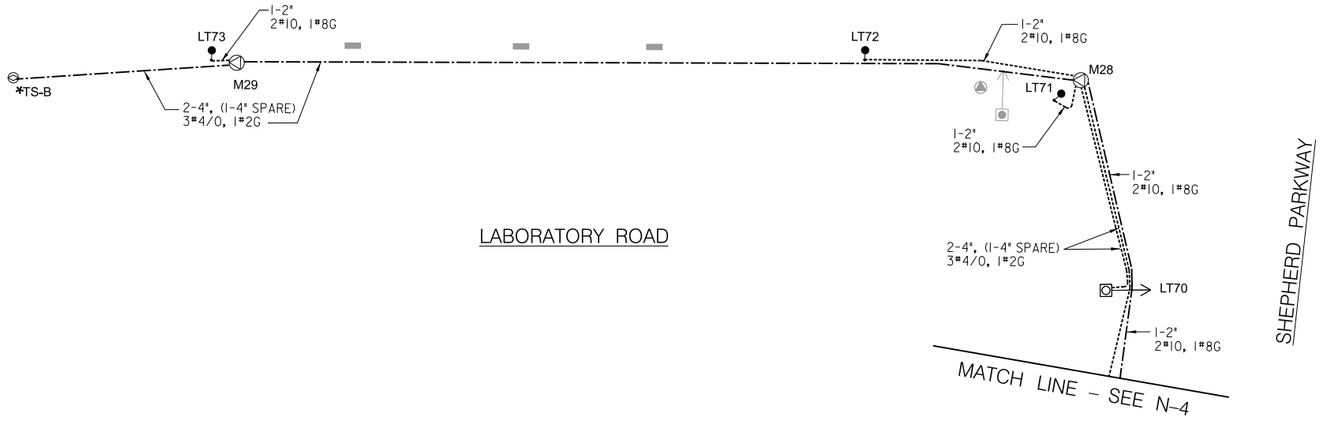
REVISIONS

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE009760
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pLT-N004_SCSTrail.dgn
2/24/2026

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	377	576





N–5

20′ 0 20′ 40′
SCALE: 1"=20′

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAM

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 377 OF 576

ch2m· TOOLE DESIGN

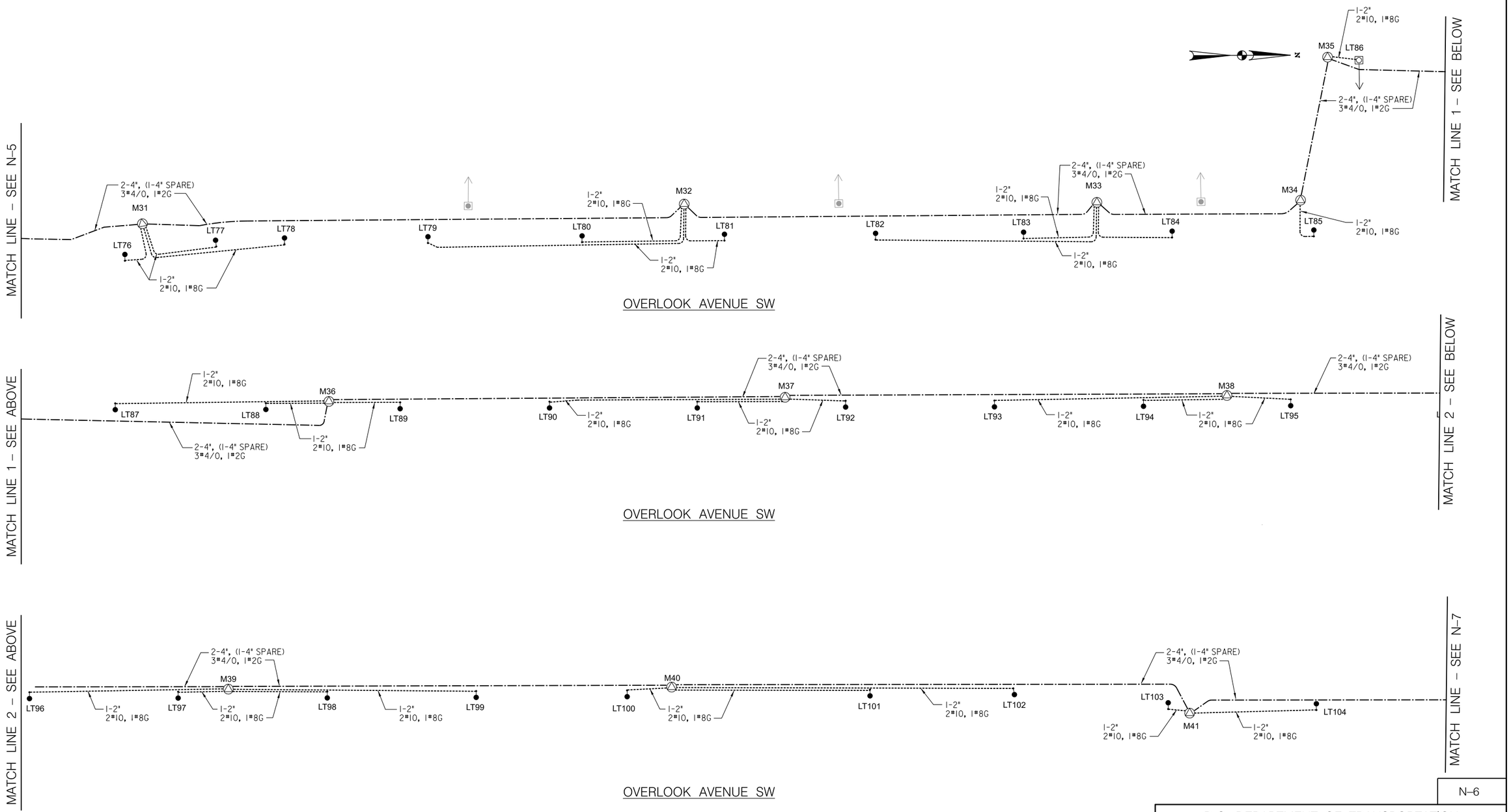
NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE007700
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-N005_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	378	576



N-6

20′ 0 20′ 40′
SCALE: 1"=20′

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAMS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 378 OF 576

NO	DESCRIPTION	NAME	DATE

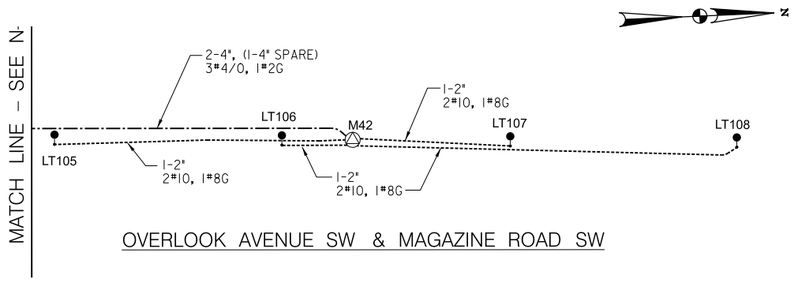
REVISIONS

ch2m· TOOLE DESIGN

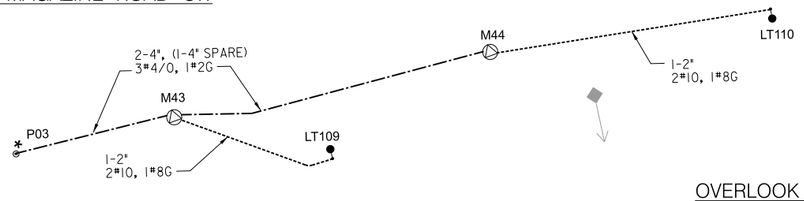
DISTRICT OF COLUMBIA · DARLENE M. SMOKE · NO. PE009706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

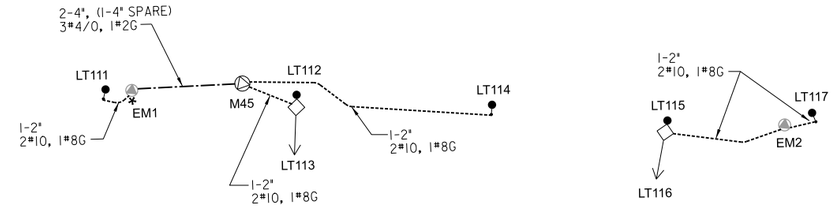
pLT-N006_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	379	576

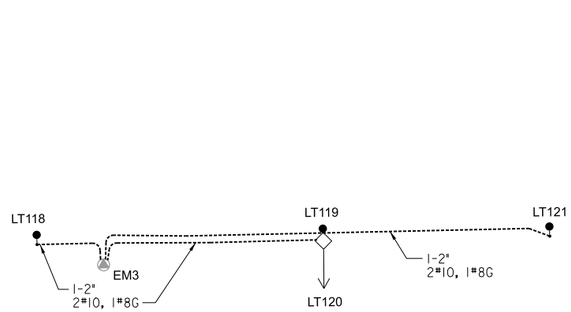


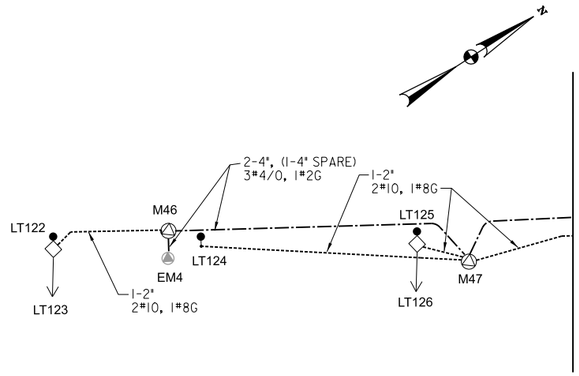
OVERLOOK AVENUE SW & MAGAZINE ROAD SW





OVERLOOK AVENUE SW BETWEEN MAGAZINE RD SW & CHAPPIE JAMES BLVD





OVERLOOK AVENUE SW

20′ 0 20′ 40′
SCALE: 1"=20′

N–7

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAMS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 379 OF 576

NO	DESCRIPTION	NAME	DATE

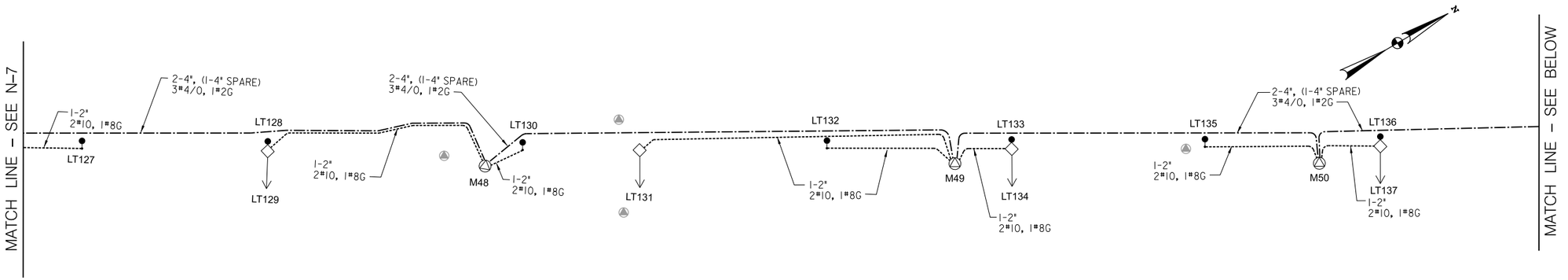
REVISIONS

ch2m· TOOLE DESIGN

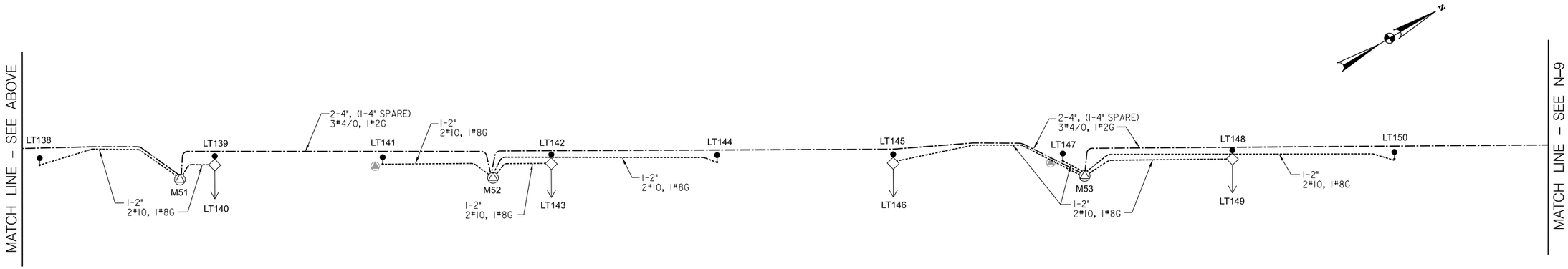
DISTRICT OF COLUMBIA
MARLON D. SMOAK
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

D:\LT-N007_SCSTrail.dgn
2/24/2026

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	380	576



OVERLOOK AVENUE SW



OVERLOOK AVENUE SW

N–8

20′ 0 20′ 40′
SCALE: 1"=20′

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAMS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 380 OF 576

NO	DESCRIPTION	NAME	DATE

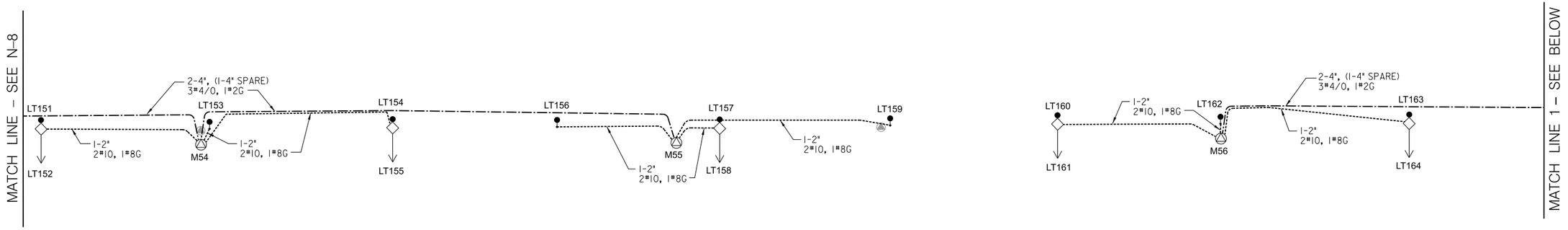
REVISIONS

ch2m· TOOLE DESIGN

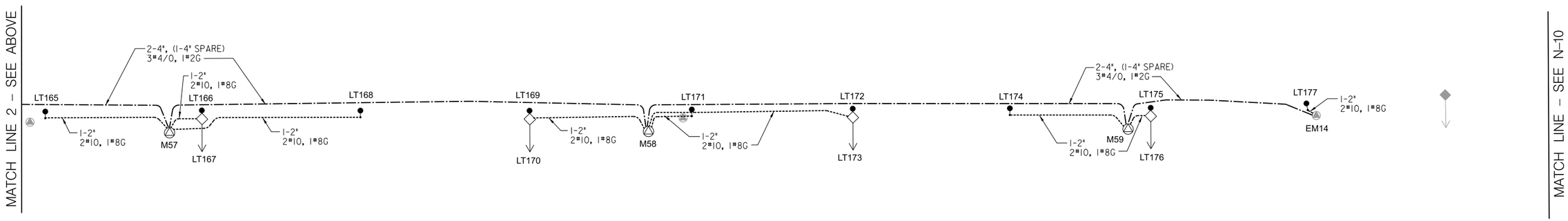
DISTRICT OF COLUMBIA
DARLENE SNOOKS
NO. PE017116
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pLT-N008_SCSTrail.dgn
2/24/2026

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	381	576



OVERLOOK AVENUE SW



OVERLOOK AVENUE SW

N–9

20′ 0 20′ 40′
SCALE: 1"=20′

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAMS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 381 OF 576

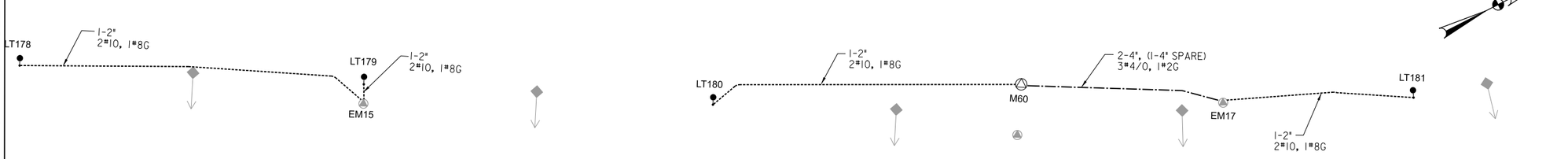
DISTRICT OF COLUMBIA
SHARLON S. SNOWES
NO. PE009746
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pLT-N009_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	382	576

MATCH LINE – SEE N–9

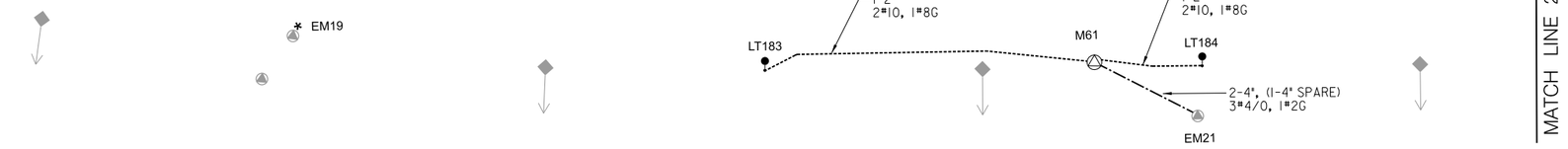
MATCH LINE 1 – SEE BELOW



SOUTH CAPITOL STREET SW

MATCH LINE 1 – SEE ABOVE

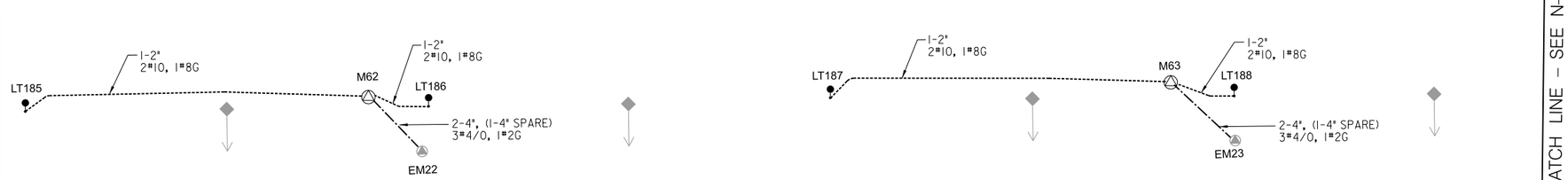
MATCH LINE 2 – SEE BELOW



SOUTH CAPITOL STREET SW

MATCH LINE 2 – SEE ABOVE

MATCH LINE – SEE N–11



SOUTH CAPITOL STREET SW

N–10

20′ 0 20′ 40′
SCALE: 1"=20′

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAMS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 382 OF 576

NO.	DESCRIPTION	NAME	DATE

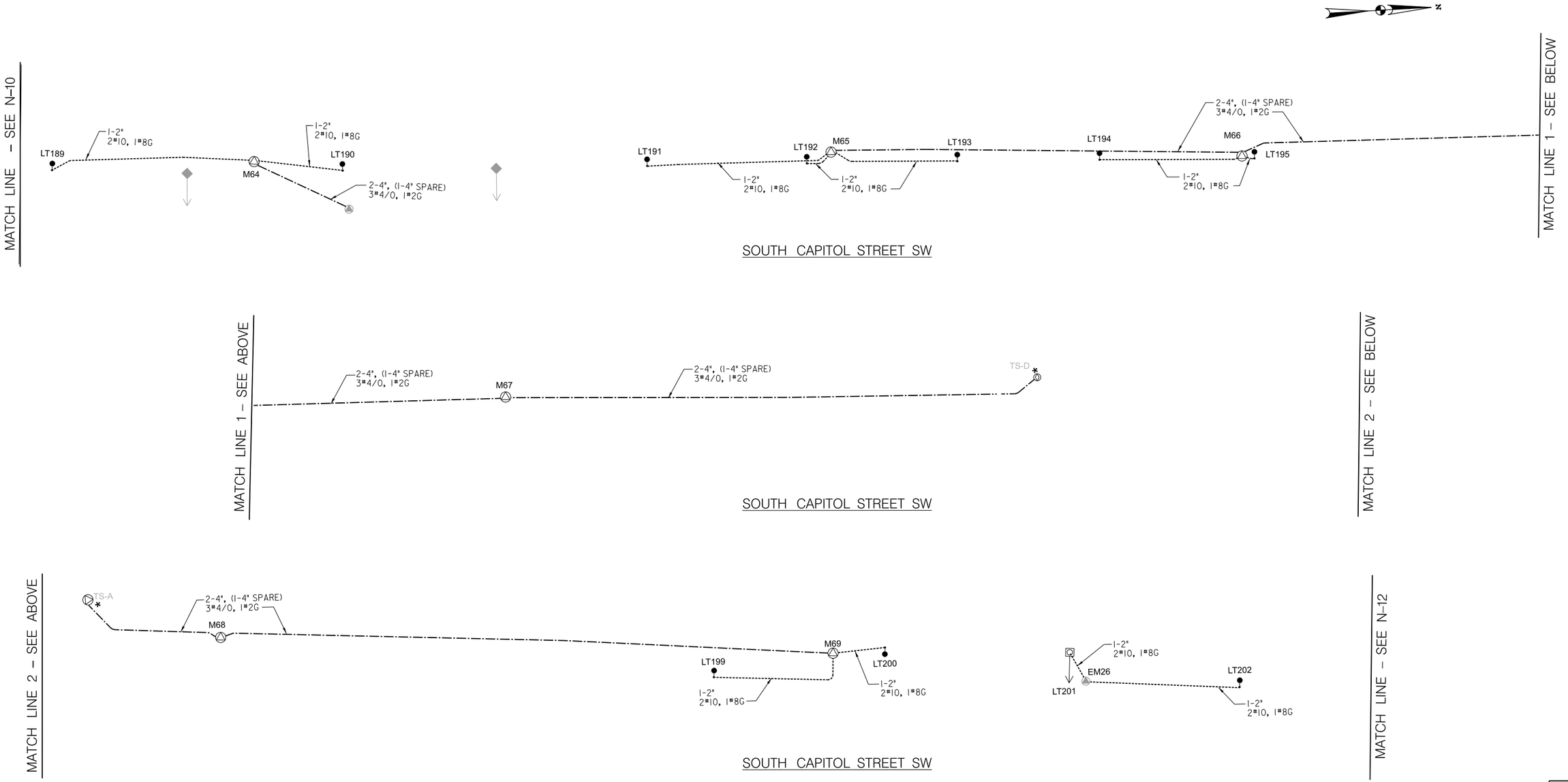
REVISIONS

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA · DARLON D. SIMONS · NO. PE014706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

pLT-N010_SCSTr-all.dgn
2/24/2026

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	383	576



N–11

20′ 0 20′ 40′
SCALE: 1"=20′

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAMS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 383 OF 576

NO.	DESCRIPTION	NAME	DATE

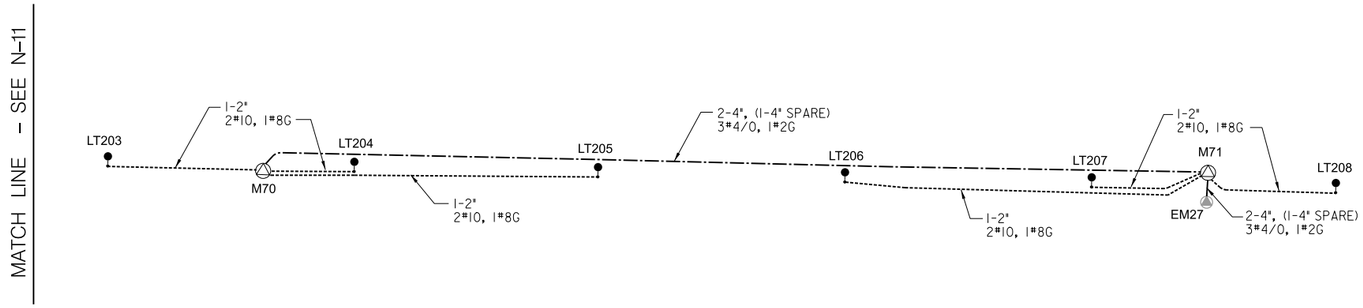
REVISIONS

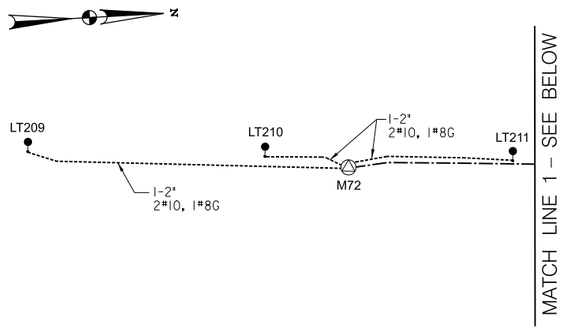
ch2m· TOOLE DESIGN

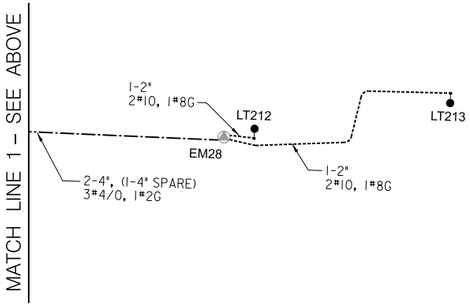
DISTRICT OF COLUMBIA
SHARLON D. SHORTER
NO. PE904706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

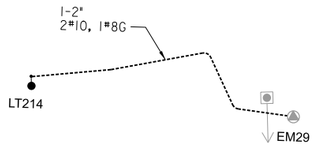
pLT-N011_SCSTr-all.dgn
2/24/2026

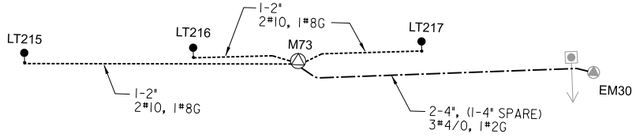
REG.	STATE	PROJECT		SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	387	384	576

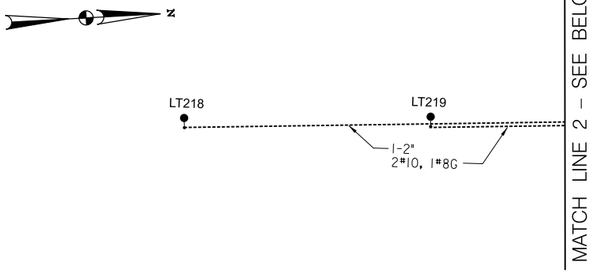




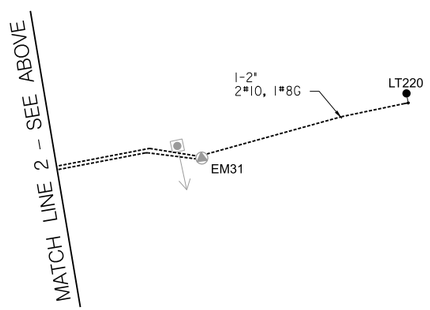


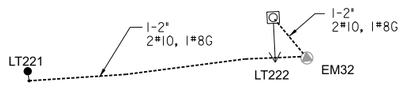


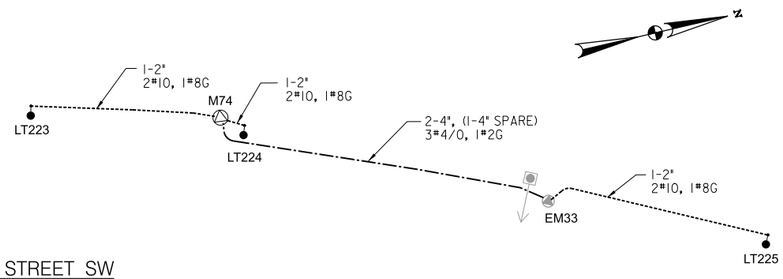




SOUTH CAPITOL STREET SW







SOUTH CAPITOL STREET SW

MATCH LINE – SEE N-123

N–12

20' 0 20' 40'
SCALE: 1"=20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAMS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 384 OF 576

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

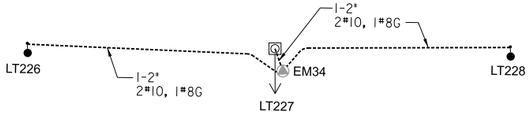
REVISIONS

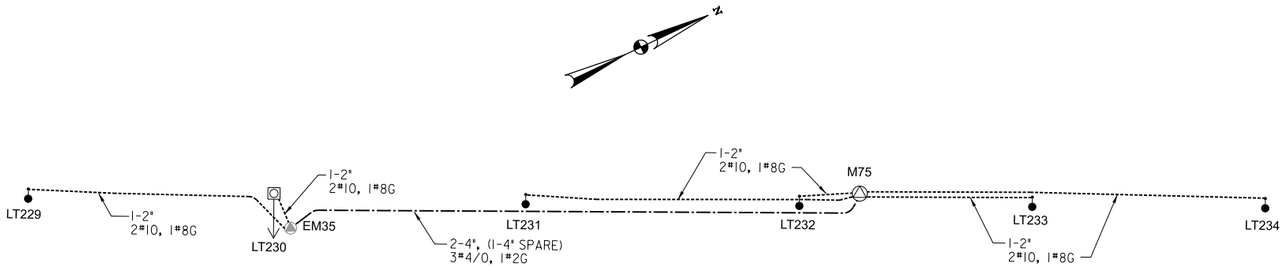
DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pLT-N012_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(038)	385	576

MATCH LINE 1 – SEE N–12

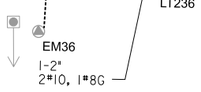


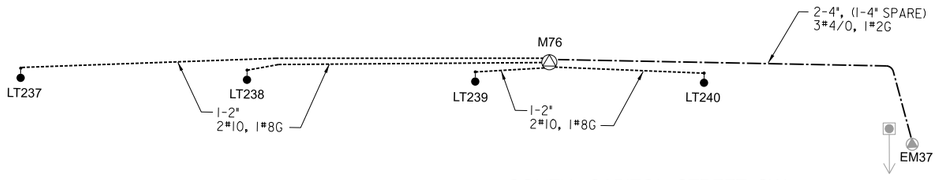


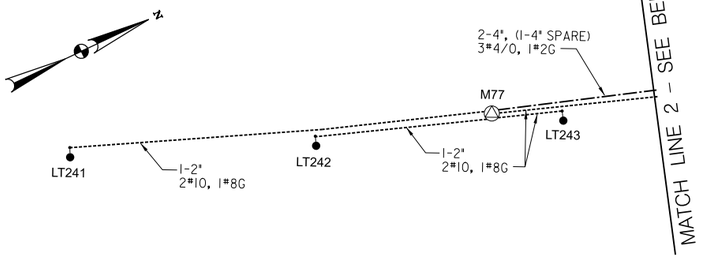
SOUTH CAPITOL STREET SW

MATCH LINE 1 – SEE BELOW

MATCH LINE 1 – SEE ABOVE



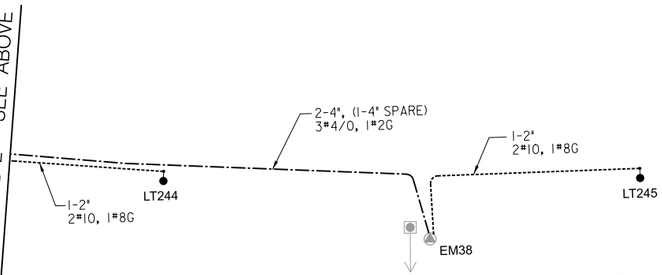


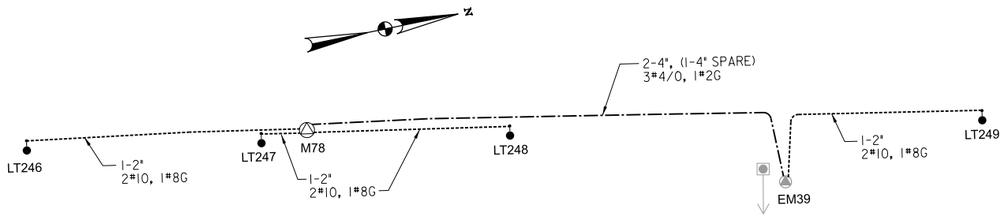


MATCH LINE 2 – SEE BELOW

SOUTH CAPITOL STREET SW

MATCH LINE 2 – SEE ABOVE





MATCH LINE – SEE N–14

SOUTH CAPITOL STREET SW

N–13

20′ 0 20′ 40′
SCALE: 1"=20′

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAMS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 385 OF 576

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

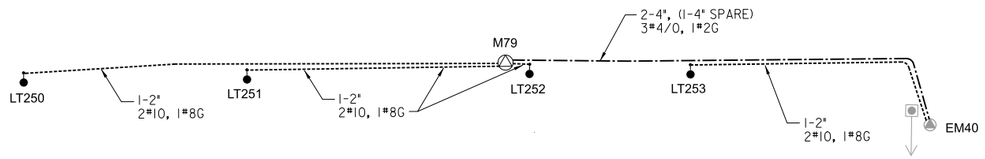
REVISIONS

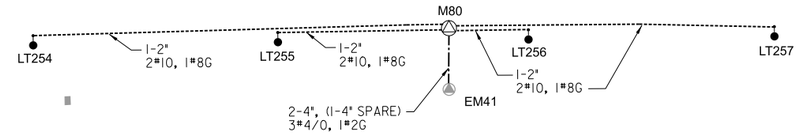
DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pLT-N013_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	386	576

MATCH LINE 1 – SEE N-13

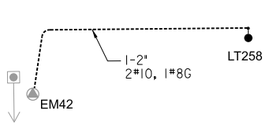




SOUTH CAPITOL STREET SW

MATCH LINE 1 – SEE BELOW

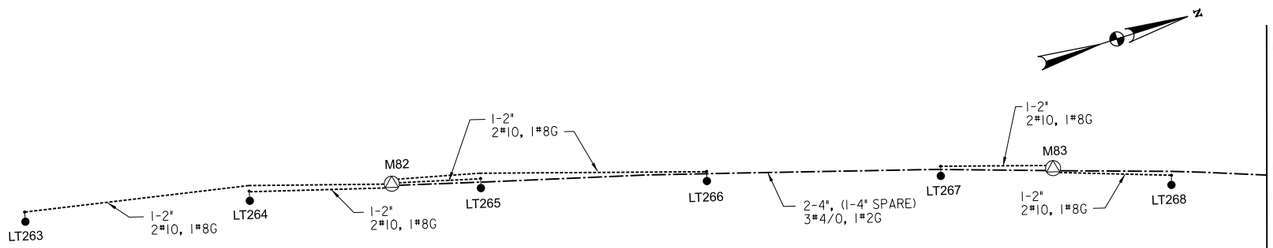
MATCH LINE 1 – SEE ABOVE



SOUTH CAPITOL STREET SW

MATCH LINE 2 – SEE BELOW

MATCH LINE 2 – SEE ABOVE



SOUTH CAPITOL STREET SW

MATCH LINE 2 – SEE N-15

N–14

20′ 0 20′ 40′
SCALE: 1"=20′

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAMS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 386 OF 576

NO.	DESCRIPTION	NAME	DATE

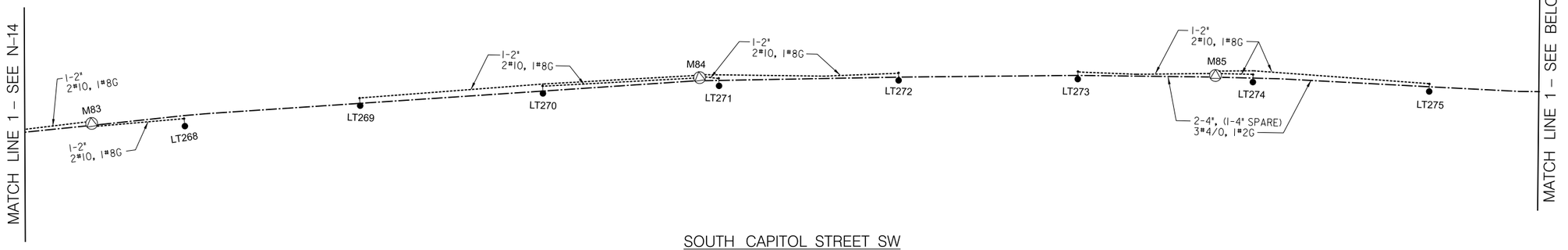
REVISIONS

ch2m TOOLE DESIGN

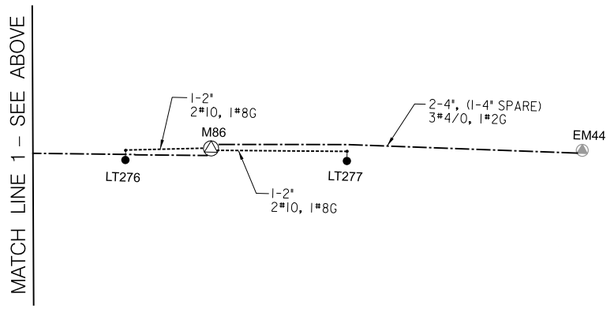
DISTRICT OF COLUMBIA
DARRION G. SMOAK
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-N014_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	387	576



SOUTH CAPITOL STREET SW



20′ 0 20′ 40′
SCALE: 1"=20′

N–15

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING WIRING DIAGRAMS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 387 OF 576

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
MARION G. SMOAK
NO. PE009706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

D:\LT-N015_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	388	576

DC VILLAGE LANE

SCHEDULE			CONDUIT SUMMARY		CABLE SUMMARY				LIGHTS & POLES						
			614 122	614 210	614 230	614 290	614 350	614 332	614 520	614 544	614 550	614 808	614 804	614 800	Station
					CABLE		GROUND WIRE		POLES			LIGHTS			
FROM	TO	Distance (ft)	1-2" Sch 40 Rigid PVC	2-4" Sch 40 Rigid PVC	#10	4/0	#2	#8	#716 Pole	28.5' Steel Pendant Pole with 8' Arm (Teardrop)	28.5' Steel Pendant Pole with 8' Truss Arm (Cobrahead)	65w LED Trail Fixture	155w LED Teardrop Fixture	155w LED Cobrahead Fixture	
M01	LT01	130	130		270			135	1			1			9+97
M01	LT02	70	70		150			75	1			1			10+57
M01	LT03	10	10		30			15	1			1			11+18
M01	LT04	60	60		130			65	1			1			11+76
M01	M02	140		140		450	150								
M02	LT05	40	40		90			45	1			1			12+16
M02	LT06	30	30		70			35	1			1			12+82
M02	M03	180		180		570	190								
M03	LT07	90	90		190			95	1			1			13+46
M03	LT08	40	40		90			45	1			1			14+02
M03	LT09	30	30		70			35	1			1			14+64
M03	M04	160		160		510	170								
M04	LT10	80	80		170			85	1			1			15+25
M04	LT11	20	20		50			25	1			1			15+85
M04	LT12	60	60		130			65	1			1			16+60
M04	M05	140		140		450	150								
M05	LT13	20	20		50			25	1			1			17+20
M05	LT14	40	40		90			45	1			1			17+80
M05	M06	160		160		510	170								
M06	LT15	50	50		110			55	1			1			18+39
M06	LT16	10	10		30			15	1			1			18+95
M06	LT17	70	70		150			75	1			1			19+56
M06	M07	150		150		480	160								
M07	LT18	10	10		30			15	1			1			20+19
M07	LT19	50	50		110			55	1			1			20+77
M07	LT20	90	90		190			95			1			1	21+22
M07	M08	150		150		480	160								
M08	P01	30		30		120	40								
TOTAL		2110	1000	1110	2200	3570	1190	1100	19	0	1	19	0	1	

BLUE PLAINS DRIVE

SCHEDULE			CONDUIT SUMMARY		CABLE SUMMARY				LIGHTS & POLES						
			614 122	614 210	614 230	614 290	614 350	614 332	614 520	614 544	614 550	614 808	614 804	614 800	Station
					CABLE		GROUND WIRE		POLES			LIGHTS			
FROM	TO	Distance (ft)	1-2" Sch 40 Rigid PVC	2-4" Sch 40 Rigid PVC	#10	4/0	#2	#8	#716 Pole	28.5' Steel Pendant Pole with 8' Arm (Teardrop)	28.5' Steel Pendant Pole with 8' Truss Arm (Cobrahead)	65w LED Trail Fixture	155w LED Teardrop Fixture	155w LED Cobrahead Fixture	
M08	M09	10		10		60	20								
M08	LT21	10	10		30			15	1			1			21+76
M09	LT22/LT23	40	40		90			45			1	1		1	22+09
M09	LT24	20	20		50			25	1			1			22+73
M09	LT25	80	80		170			85	1			1			23+34
M09	M10	180		180		570	190								
M10	LT26/LT27	40	40		90			45			1	1		1	24+00
M10	M11	170		170		540	180								
M10	LT28	40	40		90			45	1			1			24+65
M11	LT29	80	80		170			85	1			1			25+26
M11	LT30/LT31	20	20		50			25			1	1		1	25+86
M11	LT32	50	50		110			55	1			1			26+53
M11	M12	160		160		510	170								
M12	LT33	50	50		110			55	1			1			27+18
M12	LT34/LT35	10	10		30			15			1	1		1	27+83
M12	LT36	70	70		150			75	1			1			28+35
M12	M13	140		140		450	150								
M13	LT37	20	20		50			25	1			1			28+88
M13	LT38/LT39	40	40		90			45			1	1		1	29+53
M13	M14	100		100		330	110								
M14	LT40	30	30		70			35			1			1	30+28
TOTAL		1360	600	760	1350	2460	820	675	9	0	6	14	0	6	

SHEPHERD PARKWAY

SCHEDULE			CONDUIT SUMMARY		CABLE SUMMARY				LIGHTS & POLES						
			614 122	614 210	614 230	614 290	614 350	614 332	614 520	614 544	614 550	614 808	614 804	614 800	Station
					CABLE		GROUND WIRE		POLES			LIGHTS			
FROM	TO	Distance (ft)	1-2" Sch 40 Rigid PVC	2-4" Sch 40 Rigid PVC	#10	4/0	#2	#8	#716 Pole	28.5' Steel Pendant Pole with 8' Arm (Teardrop)	28.5' Steel Pendant Pole with 8' Truss Arm (Cobrahead)	65w LED Trail Fixture	155w LED Teardrop Fixture	155w LED Cobrahead Fixture	
M15	LT41	60	60		130			65			1			1	39+98
M15	LT42/LT43	40	40		90			45			1			1	40+88
M15	LT44	100	100		210			105	1			1			41+50
M15	M16	190		380		600	200								
M16	LT45	10	10		30			15	1			1			42+27
M16	LT16X	40	40		90			45							42+72
M16	M17	200		400		630	210								
M17	LT46	110	110		230			115	1			1			43+19
M17	LT47	30	30		70			35	1			1			44+06
M17	LT17X	20	20		50			25							44+52
M17	M18	200		400		630	210								
M18	LT48	130	130		270			135	1			1			44+98
M18	LT49	40	40		90			45	1			1			45+92
M18	LT18X	10	10		30			15							46+37
M18	M19	170		340		540	180								
M19	LT50	110	110		230			115	1			1			46+84
M19	LT51	20	20		50			25	1			1			47+73
M19	LT19X	20	20		50			25							48+09
M19	M20	160		320		510	170								
M20	LT52	90	90		190			95	1			1			48+65
M20	LT53	10	10		30			15	1			1			49+51
M20	LT20X	40	40		90			45							49+98
M20	M21	210		420		660	220								
M21	LT54	130	130		270			135	1			1			50+45
M21	LT55	30	30		70			35	1			1			51+39
M21	LT21X	10	10		30			15	1			1			51+77
M21	M22	150		300		480	160								
M22	LT56	90	90		190			95							52+25
M22	LT57	10	10		30			15	1			1			53+10
M22	LT22X	40	40		90			45							53+57
M22	M23	170		340		540	180								
M23	LT58	80	80		170			85	1			1			54+11
M23	LT59	20	20		50			25	1			1			54+69
M23	LT23X	50	50		110			55							55+38
M23	M24	200		400		630	210								
M24	LT60	90	90		190			95	1			1			55+87
M24	LT61	10	10		30			15	1			1			56+69
M24	LT24X	40	40		90			45							
M24	M25	110		220		360	120								
M25	LT62	20	20		50			25	1			1			57+67
M25	LT63	70	70		150			75	1			1			58+54
M25	M26	150		300		480	160								
M26	LT26X	40	40		90			45							58+96
M26	LT64	10	10		30			15	1			1			59+39
M26	LT65	50	50		110			55	1			1			59+79
M26	M27	180		360		570	190								
M27	LT66	50	50		110			55	1			1			60+50
M27	LT27X	10	10		30			15							60+93
M27	LT67	50	50		110			55	1			1			61+52
M27	LT68	100	100		210			105					1		62+00
M27	M28	260		520		810	270								
M28	LT69	100	100		210			105	1			1			62+58
M28	LT70	60	60		130			65					1		63+00
M28	LT71	10	10		30			15	1			1			63+62
M28	LT72	60	60		130			65	1			1			64+24
M28	M29	220		440		690	230								
M29	LT73	10	10		30			15	1			1			65+96
M29	TS-B	60		120		210	70								
TOTAL		4750	2120	5260	4670	8340	2780	2335	28	0	4	29	0	4	

S–1

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY IK
CHECKED BY MS
DRAWN BY GP
PROJECT MGR. MS

DIVISION CHIEF
DATE
FILE
SHEET 388 OF 576

SCHEDULES OF QUANTITIES

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
MARION G. SMOAK
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

PLT-S001_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	389	576

OVERLOOK AVENUE

SCHEDULE			CONDUIT SUMMARY		CABLE SUMMARY				LIGHTS & POLES						
			614 122	614 210	614 230	614 290	614 350	614 332	614 520	614 544	614 550	614 808	614 804	614 800	
					CABLE		GROUND WIRE		POLES			LIGHTS			
FROM	TO	Distance (ft)	1-2" Sch 40 Rigid PVC	2-4" Sch 40 Rigid PVC	#10	4/0	#2	#8	#716 Pole	28.5' Steel Pendant Pole with 8' Arm (Teardrop)	28.5' Steel Pendant Pole with 8' Truss Arm (Cobrahead)	65w LED Trail Fixture	155w LED Teardrop Fixture	155w LED Cobrahead Fixture	Station
P02	M30	30		30		120	40								
M30	LT74	30	30		70			35	1			1			100+52
M30	LT75	70	70		150			75	1			1			101+17
M30	M31	140		140		450	150								
M31	LT76	20	20		50			25	1			1			101+91
M31	LT77	40	40		90			45	1			1			102+28
M31	LT78	70	70		150			75	1			1			102+56
M31	M32	220		220		690	230								
M32	LT79	120	120		250			125	1			1			103+16
M32	LT80	50	50		110			55	1			1			103+78
M32	LT81	30	30		70			35	1			1			103+37
M32	M33	170		170		540	180								
M33	LT82	100	100		210			105	1			1			104+97
M33	LT83	40	40		90			45	1			1			105+57
M33	LT84	40	40		90			45	1			1			106+18
M33	M34	90		90		300	100								
M34	LT85	20	20		50			25	1			1			106+70
M34	M35	60		60		210	70								
M35	LT86	10	10		30			15			1			1	106+93
M35	M36	180		180		570	190								
M36	LT87	90	90		190			95	1			1			107+63
M36	LT88	20	20		50			25	1			1			108+25
M36	LT89	30	30		70			35	1			1			108+79
M36	M37	180		180		570	190								
M37	LT90	100	100		210			105	1			1			109+39
M37	LT91	40	40		90			45	1			1			110+00
M37	LT92	20	20		50			25	1			1			110+60
M37	M38	180		180		570	190								
M38	LT93	90	90		190			95	1			1			111+20
M38	LT94	30	30		70			35	1			1			111+80
M38	LT95	30	30		70			35	1			1			112+40
M38	M39	170		170		540	180								
M39	LT96	80	80		170			85	1			1			113+03
M39	LT97	20	20		50			25	1			1			113+64
M39	LT98	40	40		90			45	1			1			114+24
M39	LT99	100	100		210			105	1			1			114+85
M39	M40	180		180		570	190								
M40	LT100	20	20		50			25	1			1			115+46
M40	LT101	80	80		170			85	1			1			116+45
M40	LT102	140	140		290			145	1			1			117+05
M40	M41	220		220		690	230								
M41	LT103	10	10		30			15	1			1			117+66
M41	LT104	50	50		110			55	1			1			118+26
M41	M42	190		190		600	200								
M42	LT105	80	80		170			85	1			1			118+86
M42	LT106	20	20		50			25	1			1			119+46
M42	LT107	40	40		90			45	1			1			120+06
M42	LT108	100	100		210			105	1			1			120+66
P03	M43	40		40		150	50								
M43	LT109	40	40		90			45	1			1			122+09
M43	M44	80		80		270	90								
M44	LT110	40	40		90			45	1			1			122+80
EM1	M45	30		30		120	40								
EM1	LT111	10	10		30			15	1			1			124+55
M45	LT112/LT113	20	20		50			25		1		1	1		125+06
M45	LT114	70	70		150			75	1			1			125+58
EM2	LT115/LT116	30	30		70			35		1		1	1		126+04
EM2	LT117	10	10		30			15	1			1			126+42
TOTAL		4250	2090	2160	4600	6960	2320	2300	39	2	1	41	2	1	

OVERLOOK AVENUE

SCHEDULE			CONDUIT SUMMARY		CABLE SUMMARY				LIGHTS & POLES						
			614 122	614 210	614 230	614 290	614 350	614 332	614 520	614 544	614 550	614 808	614 804	614 800	
					CABLE		GROUND WIRE		POLES			LIGHTS			
FROM	TO	Distance (ft)	1-2" Sch 40 Rigid PVC	2-4" Sch 40 Rigid PVC	#10	4/0	#2	#8	#716 Pole	28.5' Steel Pendant Pole with 8' Arm (Teardrop)	28.5' Steel Pendant Pole with 8' Truss Arm (Cobrahead)	65w LED Trail Fixture	155w LED Teardrop Fixture	155w LED Cobrahead Fixture	Station
EM3	LT118	20	20		50			25	1			1			136+54
EM3	LT119/LT120	60	60		130			65		1		1	1		137+90
EM3	LT121	130	130		270			135	*1*			1			137+90
EM4	M46	10		10		60	20								
M46	M47	80		80		270	90								
M46	LT122/LT123	30	30		70			35		1		1	1		138+89
M47	LT124	70	70		150			75	*1*			1			139+27
M47	LT125/LT126	10	10		30			15		1		1	1		139+84
M47	LT127	50	50		110			55	1			1			140+46
M47	M48	200		200		630	210								
M48	LT128/LT129	80	80		170			85		1		1	1		141+08
M48	LT130	10	10		30			15	1			1			141+94
M48	M49	170		170		540	180								
M49	LT131	110	110		230			115		1			1		142+33
M49	LT132	50	50		110			55	1			1			142+96
M49	LT133/LT134	20	20		50			25		1		1	1		143+58
M49	M50	140		140		450	150								
M50	LT135	40	40		90			45	1			1			144+23
M50	LT136/LT137	20	20		50			25		1		1	1		144+82
M50	M51	150		150		480	160								
M51	LT138	60	60		130			65	1			1			145+43
M51	LT139/LT140	20	20		50			25		1		1	1		146+07
M51	M52	130		130		420	140								
M52	LT141	40	40		90			45	1			1			146+67
M52	LT142/LT143	20	20		50			25		1		1	1		147+31
M52	LT144	90	90		190			95	1			1			147+92
M52	M53	230		230		720	240								
M53	LT145/LT146	70	70		150			75		1		1	1		148+57
M53	LT147	10	10		30			15	1			1			149+20
M53	LT148/LT149	50	50		110			55		1		1	1		149+82
M53	LT150	120	120		250			125	1			1			150+42
M53	M54	250		250		780	260								
M54	LT151/LT152	60	60		130			65		1		1	1		151+05
M54	LT153	10	10		30			15	1			1			151+67
M54	LT154/LT155	80	80		170			85		1		1	1		152+34
M54	M55	190		190		600	200								
M55	LT156	50	50		110			55	1			1			152+94
M55	LT157/LT158	20	20		50			25		1		1	1		153+54
M55	LT159	80	80		170			85	1			1			154+17
M56	LT160/LT161	60	60		130			65		1		1	1		154+78
M56	LT162	10	10		30			15	1			1			155+38
M56	LT163/LT164	80	80		170			85		1		1	1		156+07
M56	M57	190		190		600	200								
M57	LT165	50	50		110			55	1			1			156+68
M57	LT166/LT167	20	20		50			25		1		1	1		157+27
M57	LT168	80	80		170			85	1			1			157+88
M57	M58	200		200		630	210								
M58	LT169/LT170	50	50		110			55		1		1	1		158+52
M58	LT171	20	20		50			25	1			1			159+14
M58	LT172/LT173	80	80		170			85		1		1	1		159+76
M58	M59	200		200		630	210								
M59	LT174	50	50		110			55	1			1			160+36
M59	LT175/LT176	10	10		30			15		1		1	1		160+90
M59	EM14	80		80		270	90								
EM14	LT177	10	10		30			15	1			1			161+50
EM15	LT178	120	120		250			125	*1*			1			162+63
EM15	LT179	10	10		30			15	*1*			1			163+82
M60	LT180	110	110		230			115	*1*			1			165+03
M60	EM17	70		70		240	80								
EM17	LT181	70	70		150			75	*1*			1			167+45
TOTAL		4600	2310	2290	5070	7320	2440	2535	25	20	0	44	20	0	

1 USE 10 FT DEEP MODIFIED PENDANT POLE FOUNDATION. SEE DWG 614.07 ON SHEET D–3.

S–2

pLT-S002_SCSTrail.dgn
3/5/2026

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE007705
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SCHEDULES OF QUANTITIES

PROJECT ENG. BN
DESIGNED BY IK
CHECKED BY MS
DRAWN BY GP
PROJECT MGR. MS

DIVISION CHIEF
DATE
FILE
SHEET 389 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	390	576

SOUTH CAPITOL STREET

SCHEDULE			CONDUIT SUMMARY		CABLE SUMMARY				LIGHTS & POLES						
			614 122	614 210	614 230	614 290	614 350	614 332	614 520	614 544	614 550	614 808	614 804	614 800	
					CABLE		GROUND WIRE		POLES			LIGHTS			
FROM	TO	Distance (ft)	1-2" Sch 40 Rigid PVC	2-4" Sch 40 Rigid PVC	#10	4/0	#2	#8	#716 Pole	28.5' Steel Pendant Pole with 8' Arm (Teardrop)	28.5' Steel Pendant Pole with 8' Truss Arm (Cobrahead)	65w LED Trail Fixture	155w LED Teardrop Fixture	155w LED Cobrahead Fixture	Station
EM21	M61	30		30		120	40								
M61	LT183	90	90		190			95	1			1			172+02
M61	LT184	30	30		70			35	1			1			173+21
EM22	M62	20		20		90	30								
M62	LT185	100	100		210			105	1			1			174+40
M62	LT186	20	20		50			25	1			1			175+60
EM23	M63	30		30		120	40								
M63	LT187	100	100		210			105	1			1			176+80
M63	LT188	20	20		50			25	1			1			178+00
EM24	M64	40		40		150	50								
M64	LT189	80	80		170			85	1			1			179+20
M64	LT190	40	40		90			45	1			1			180+32
M65	M66	160		160		510	170								
M65	LT191	70	70		150			75	1			1			181+50
M65	LT192	10	10		30			15	1			1			182+12
M65	LT193	50	50		110			55	1			1			182+71
M66	M67	200		200		630	210								
M66	LT194	60	60		130			65	1			1			183+26
M66	LT195	10	10		30			15	1			1			183+86
M67	TS-D	210		210		660	220								
TS-A	M68	60		60		210	70								
M68	M69	240		240		750	250								
M69	LT199	60	60		130			65	*1*			1			191+66
M69	LT200	20	20		50			25	1			1			191+32
EM26	LT201	10	10		30			15			1			1	193+04
EM26	LT202	60	60		130			65	*1*			1			193+70
M70	LT203	40	40		90			45	1			1			194+40
M70	LT204	30	30		70			35	1			1			195+05
M70	LT205	90	90		190			95	1			1			195+70
M70	M71	250		250		780	260								
M71	LT206	100	100		210			105	1			1			196+35
M71	LT207	30	30		70			35	1			1			197+00
M71	LT208	40	40		90			45	1			1			197+65
M71	EM27	10		10		60	20								
M72	LT209	90	90		190			95	1			1			198+27
M72	LT210	20	20		50			25	1			1			198+90
M72	LT211	40	40		90			45	1			1			199+55
M72	EM28	100		100		330	110								
EM28	LT212	10	10		30			15	1			1			200+20
EM28	LT213	70	70		150			75	1			1			200+72
EM29	LT214	80	80		170			85	1			1			201+23
M73	LT215	70	70		150			75	1			1			202+45
M73	LT216	30	30		70			35	1			1			202+90
M73	LT217	30	30		70			35	1			1			203+50
M73	EM30	80		80		270	90								
EM31	LT218	140	140		290			145	1			1			204+55
EM31	LT219	70	70		150			75	1			1			205+20
EM31	LT220	60	60		130			65	*1*			1			206+48
EM32	LT221	70	70		150			75	*1*			1			207+08
EM32	LT222	20	20		50			25			1			1	207+73
EM33	M74	90		90		300	100								
M74	LT223	50	50		110			55	1			1			208+29
M74	LT224	10	10		30			15	1			1			208+85
EM33	LT225	60	60		130			65	1			1			210+25
EM34	LT226	70	70		150			75	1			1			210+75
EM34	LT227	10	10		30			15			1			1	211+40
EM34	LT228	60	60		130			65	1			1			212+02
EM35	LT229	70	70		150			75	1			1			212+65
EM35	LT230	10	10		30			15			1			1	213+30
EM35	M75	150		150		480	160								
TOTAL		3970	2300	1670	5050	5520	1840	2525	41	0	4	41	0	4	

SOUTH CAPITOL STREET

SCHEDULE			CONDUIT SUMMARY		CABLE SUMMARY				LIGHTS & POLES						
			614 122	614 210	614 230	614 290	614 350	614 332	614 520	614 544	614 550	614 808	614 804	614 800	
					CABLE		GROUND WIRE		POLES			LIGHTS			
FROM	TO	Distance (ft)	1-2" Sch 40 Rigid PVC	2-4" Sch 40 Rigid PVC	#10	4/0	#2	#8	#716 Pole	28.5' Steel Pendant Pole with 8' Arm (Teardrop)	28.5' Steel Pendant Pole with 8' Truss Arm (Cobrahead)	65w LED Trail Fixture	155w LED Teardrop Fixture	155w LED Cobrahead Fixture	Station
M75	LT231	90	90		190			95	1			1			213+96
M75	LT232	20	20		50			25	1			1			214+68
M75	LT233	50	50		110			55	1			1			215+30
M75	LT234	110	110		230			115	1			1			215+91
EM36	LT236	50	50		110			55	1			1			216+66
EM37	M76	110		110		360	120								
M76	LT237	140	140		290			145	1			1			271+72
M76	LT238	80	80		170			85	1			1			218+32
M76	LT239	20	20		50			25	1			1			218+92
M76	LT240	40	40		90			45	1			1			219+53
M77	EM38	160		160		510	170								
M77	LT241	110	110		230			115	1			1			220+66
M77	LT242	50	50		110			55	1			1			221+32
M77	LT243	20	20		50			25	1			1			221+98
M77	LT244	80	80		170			85	1			1			223+30
EM38	LT245	70	70		150			75	1			1			223+91
EM39	M78	140		140		450	150								
M78	LT246	70	70		150			75	1			1			224+51
M78	LT247	10	10		30			15	1			1			225+12
M78	LT248	50	50		110			55	1			1			225+78
EM39	LT249	70	70		150			75	1			1			227+03
EM40	M79	150		150		480	160								
M79	LT250	130	130		270			135	1			1			227+61
M79	LT251	70	70		150			75	1			1			228+21
M79	LT252	10	10		30			15	1			1			228+77
EM40	LT253	80	80		170			85	1			1			229+37
EM41	M80	20		20		90	30								
M80	LT254	110	110		230			115	1			1			230+58
M80	LT255	50	50		110			55	1			1			231+22
M80	LT256	20	20		50			25	1			1			231+89
M80	LT257	90	90		190			95	1			1			232+53
EM42	LT258	60		60		210	70								
M81	LT259	10	10		30			15	1			1			234+54
M81	LT260	30	30		70			35	1			1			235+20
M81	LT261	100	100		210			105	1			1			235+83
M81	EM43	170		170		540	180								
EM43	LT262	40	40		90			45	1			1			236+84
M82	LT263	100	100		210			105	1			1			237+44
M82	LT264	40	40		90			45	1			1			238+04
M82	LT265	20	20		50			25	1			1			238+64
M82	LT266	80	80		170			85	1			1			239+24
M82	M83	170		170		540	180								
M83	LT267	30	30		70			35	1			1			239+85
M83	LT268	30	30		70			35	1			1			240+46
M83	M84	200		200		630	210								
M84	LT269	120	120		250			125	1			1			241+07
M84	LT270	50	50		110			55	1			1			241+67
M84	LT271	10	10		30			15	1			1			242+27
M84	LT272	70	70		150			75	1			1			242+87
M84	M85	170		170		540	180								
M85	LT273	50	50		110			55	1			1			243+47
M85	LT274	10	10		30			15	1			1			244+07
M85	LT275	70	70		150			75	1			1			244+66
M85	M86	160		160		510	170								
M86	LT276	20	20		50			25	1			1			245+27
M86	LT277	40	40		90			45	1			1			245+87
M86	EM44	100		100		330	110								
TOTAL		4220	2610	1610	5670	5190	1730	2835	45	0	0	45	0	0	

1 USE 10 FT DEEP MODIFIED PENDANT POLE FOUNDATION. SEE DWG 614.07 ON SHEET D–3.

S–3

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY IK
CHECKED BY MS
DRAWN BY GP
PROJECT MGR. MS

DIVISION CHIEF
DATE
FILE
SHEET 390 OF 576

SCHEDULES OF QUANTITIES

DISTRICT OF COLUMBIA — DARLENE A. SIMONS — NO. PE014706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

pLT-S003_SCSTrail.dgn
3/5/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	391	576

MANHOLE SCHEDULE

MH 614 084	SIZE	ROAD	STATION
M01	4'X'4'X4'	DC VILLAGE	11+25
M02	4'X'4'X4'	DC VILLAGE	12+57
M03	4'X'4'X4'	DC VILLAGE	14+39
M04	4'X'4'X4'	DC VILLAGE	16+00
M05	4'X'4'X4'	DC VILLAGE	17+37
M06	4'X'4'X4'	DC VILLAGE	18+89
M07	4'X'4'X4'	DC VILLAGE	20+31
M08	4'X'4'X4'	DC VILLAGE	21+74
M09	4'X'4'X4'	BLUE PLAINS	22+52
M10	4'X'4'X4'	BLUE PLAINS	24+32
M11	4'X'4'X4'	BLUE PLAINS	26+06
M12	4'X'4'X4'	BLUE PLAINS	27+70
M13	4'X'4'X4'	BLUE PLAINS	29+10
M14	4'X'4'X4'	BLUE PLAINS	30+08
M15	4'X'4'X4'	SHEPHERD	40+55
M16	4'X'4'X4'	SHEPHERD	42+34
M17	4'X'4'X4'	SHEPHERD	44+31
M18	4'X'4'X4'	SHEPHERD	46+31
M19	4'X'4'X4'	SHEPHERD	47+97
M20	4'X'4'X4'	SHEPHERD	49+56
M21	4'X'4'X4'	SHEPHERD	51+69
M22	4'X'4'X4'	SHEPHERD	53+15
M23	4'X'4'X4'	SHEPHERD	54+87
M24	4'X'4'X4'	SHEPHERD	56+79
M25	4'X'4'X4'	SHEPHERD	57+84
M26	4'X'4'X4'	SHEPHERD	59+34
M27	4'X'4'X4'	SHEPHERD	61+02
M28	4'X'4'X4'	LABORATORY	63+61
M29	4'X'4'X4'	LABORATORY	65+90
M30	4'X'4'X4'	OVERLOOK	100+64
M31	4'X'4'X4'	OVERLOOK	102+00
M32	4'X'4'X4'	OVERLOOK	104+20
M33	4'X'4'X4'	OVERLOOK	105+87
M34	4'X'4'X4'	OVERLOOK	106+70
M35	4'X'4'X4'	OVERLOOK	106+80
M36	4'X'4'X4'	OVERLOOK	108+50
M37	4'X'4'X4'	OVERLOOK	110+35
M38	4'X'4'X4'	OVERLOOK	112+14
M39	4'X'4'X4'	OVERLOOK	113+84
M40	4'X'4'X4'	OVERLOOK	115+64
M41	4'X'4'X4'	OVERLOOK	117+75
M42	4'X'4'X4'	OVERLOOK	119+65
M43	4'X'4'X4'	OVERLOOK	121+68
M44	4'X'4'X4'	OVERLOOK	122+56
M45	4'X'4'X4'	OVERLOOK	124+92
M46	4'X'4'X4'	OVERLOOK	139+18
M47	4'X'4'X4'	OVERLOOK	139+97
M48	4'X'4'X4'	OVERLOOK	141+81
M49	4'X'4'X4'	OVERLOOK	143+39
M50	4'X'4'X4'	OVERLOOK	144+61
M51	4'X'4'X4'	OVERLOOK	145+94
M52	4'X'4'X4'	OVERLOOK	147+10
M53	4'X'4'X4'	OVERLOOK	149+28
M54	4'X'4'X4'	OVERLOOK	151+64
M55	4'X'4'X4'	OVERLOOK	153+38
M56	4'X'4'X4'	OVERLOOK	155+38
M57	4'X'4'X4'	OVERLOOK	157+15
M58	4'X'4'X4'	OVERLOOK	158+98
M59	4'X'4'X4'	OVERLOOK	160+81
M60	4'X'4'X4'	OVERLOOK	166+10
M61	4'X'4'X4'	SOUTH CAPITOL	172+91
M62	4'X'4'X4'	SOUTH CAPITOL	175+42
M63	4'X'4'X4'	SOUTH CAPITOL	177+81
M64	4'X'4'X4'	SOUTH CAPITOL	179+98
M65	4'X'4'X4'	SOUTH CAPITOL	182+22
M66	4'X'4'X4'	SOUTH CAPITOL	183+83
M67	4'X'4'X4'	SOUTH CAPITOL	185+83
M68	4'X'4'X4'	SOUTH CAPITOL	189+74
M69	4'X'4'X4'	SOUTH CAPITOL	192+12
M70	4'X'4'X4'	SOUTH CAPITOL	194+81
M71	4'X'4'X4'	SOUTH CAPITOL	197+31
M72	4'X'4'X4'	SOUTH CAPITOL	199+12
M73	4'X'4'X4'	SOUTH CAPITOL	203+17
M74	4'X'4'X4'	SOUTH CAPITOL	208+78
M75	4'X'4'X4'	SOUTH CAPITOL	214+84
M76	4'X'4'X4'	SOUTH CAPITOL	219+12
M77	4'X'4'X4'	SOUTH CAPITOL	221+79
M78	4'X'4'X4'	SOUTH CAPITOL	225+25
M79	4'X'4'X4'	SOUTH CAPITOL	228+89
M80	4'X'4'X4'	SOUTH CAPITOL	231+67
M81	4'X'4'X4'	SOUTH CAPITOL	234+89
M82	4'X'4'X4'	SOUTH CAPITOL	238+38
M83	4'X'4'X4'	SOUTH CAPITOL	240+15
M84	4'X'4'X4'	SOUTH CAPITOL	242+20
M85	4'X'4'X4'	SOUTH CAPITOL	243+94
M86	4'X'4'X4'	SOUTH CAPITOL	245+51

STREET LIGHT REMOVAL

Teardrop	Cobrahead	Station	Street
	1	22+47	Blue Plaines Dr
	1	24+24	Blue Plaines Dr
	1	25+89	Blue Plaines Dr
	1	27+80	Blue Plaines Dr
	1	29+53	Blue Plaines Dr
	1	63+02	Shepherd Pkwy
1		125+23	Overlook Ave
1		137+26	Overlook Ave
1		138+57	Overlook Ave
1		139+81	Overlook Ave
1		141+05	Overlook Ave
1		142+30	Overlook Ave
1		143+55	Overlook Ave
1		144+79	Overlook Ave
1		146+04	Overlook Ave
1		147+28	Overlook Ave
1		148+53	Overlook Ave
1		149+78	Overlook Ave
1		151+02	Overlook Ave
1		152+30	Overlook Ave
1		153+50	Overlook Ave
1		154+75	Overlook Ave
16	**6**		

pLT-S004_SCSTrail.dgn
3/5/2026

DISTRICT OF COLUMBIA
SHANLON D. SMOKES
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

S–4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

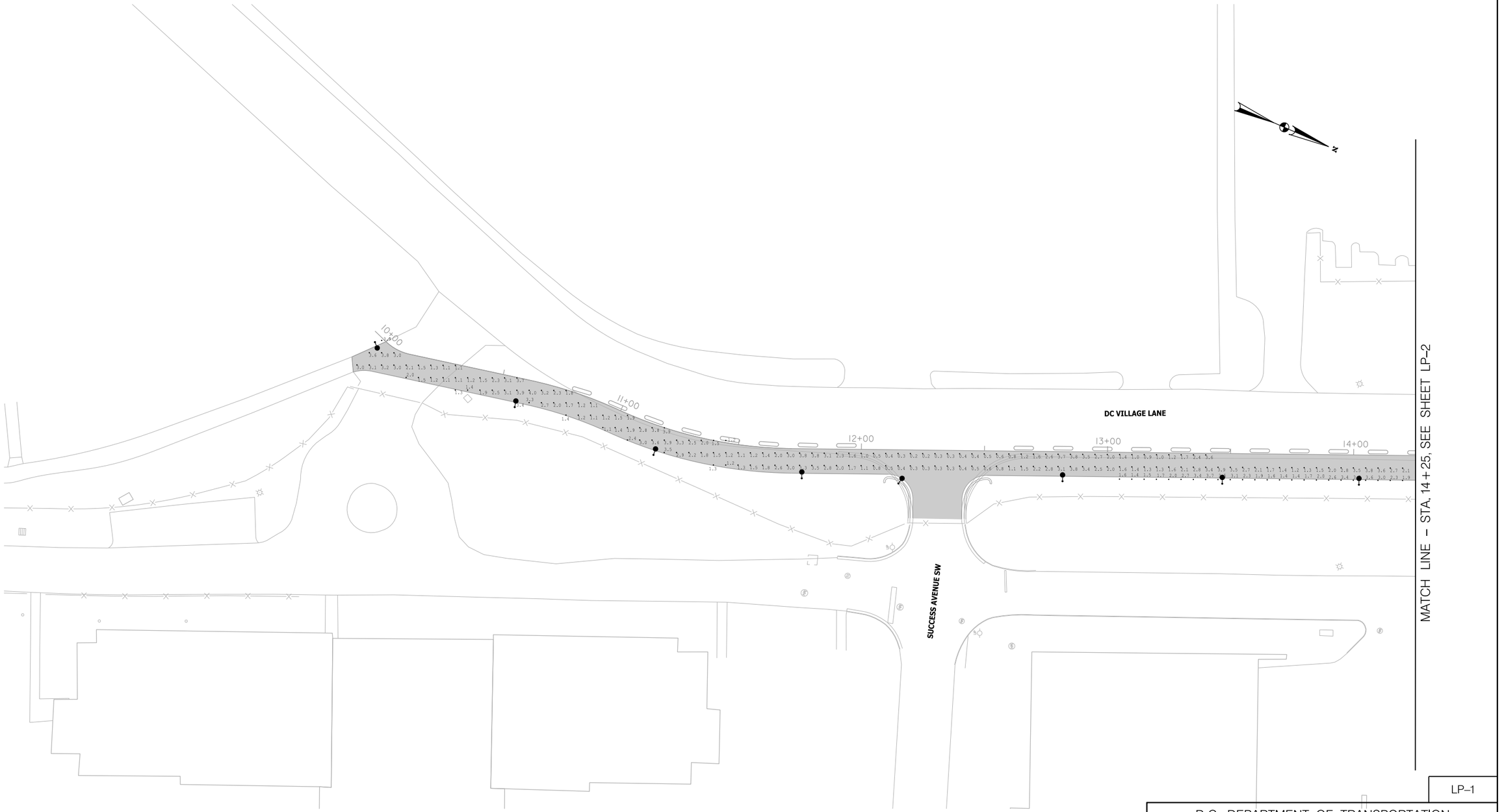
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SCHEDULES OF QUANTITIES

PROJECT ENG.	BN
DESIGNED BY	IK
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 391 OF 576

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	392	576



20′ 0 20′ 40′

SCALE: 1"=20′

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.26	4.2	1.5	2.8

DISTRICT OF COLUMBIA
DARRON G. SMOAK
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LP–1

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

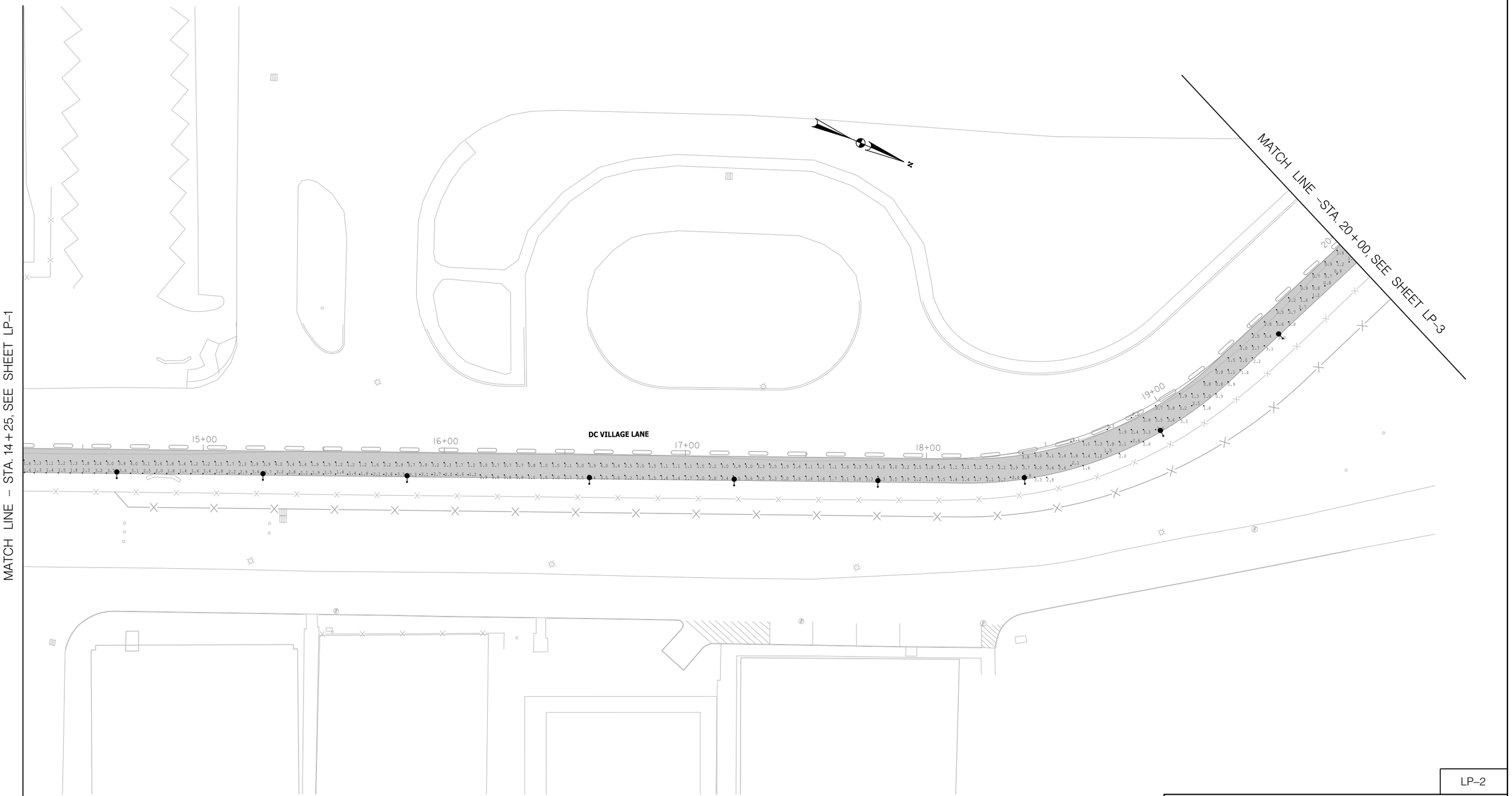
DATE

FILE

SHEET 392 OF 576

pPP-P001_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	393	576



20′ 0 20′ 40′

SCALE: 1"=20′

LP–2

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.26	4.2	1.5	2.8

DISTRICT OF COLUMBIA
MARION G. SMOAK
NO. PE004706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

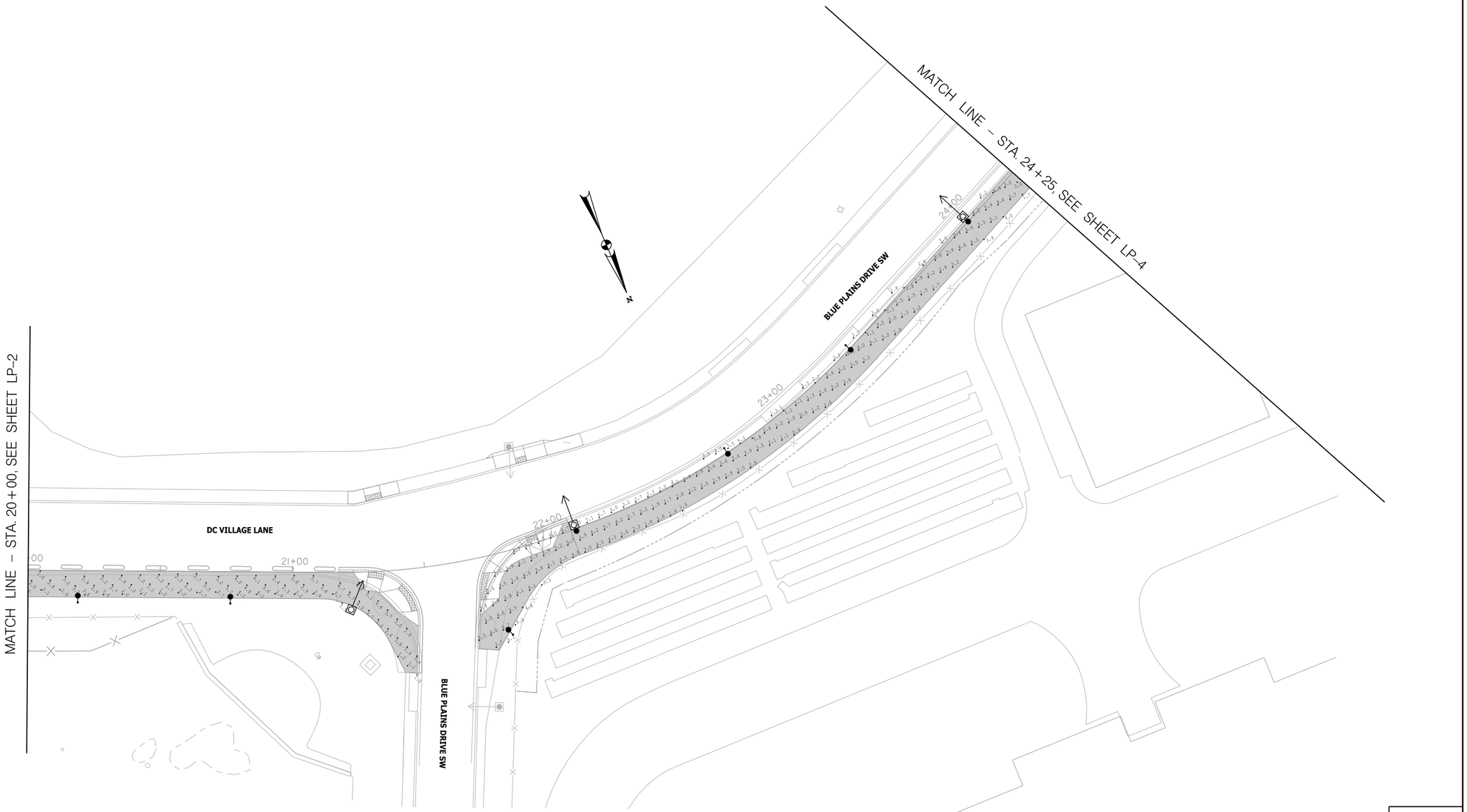
DATE

FILE

SHEET 393 OF 576

pPP-P002_SCSTrail.dgn
2/24/2026

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	394	576



20′ 0 20′ 40′

SCALE: 1"=20′

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.26	4.2	1.5	2.8

DISTRICT OF COLUMBIA
DARLENE S. SNOWDEN
NO. PE009706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LP–3

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 394 OF 576

pPP-P003_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	395	576

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.26	4.2	1.5	2.8

DISTRICT OF COLUMBIA
MARLON D. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

20′ 0 20′ 40′
SCALE: 1"=20′

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LP–4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

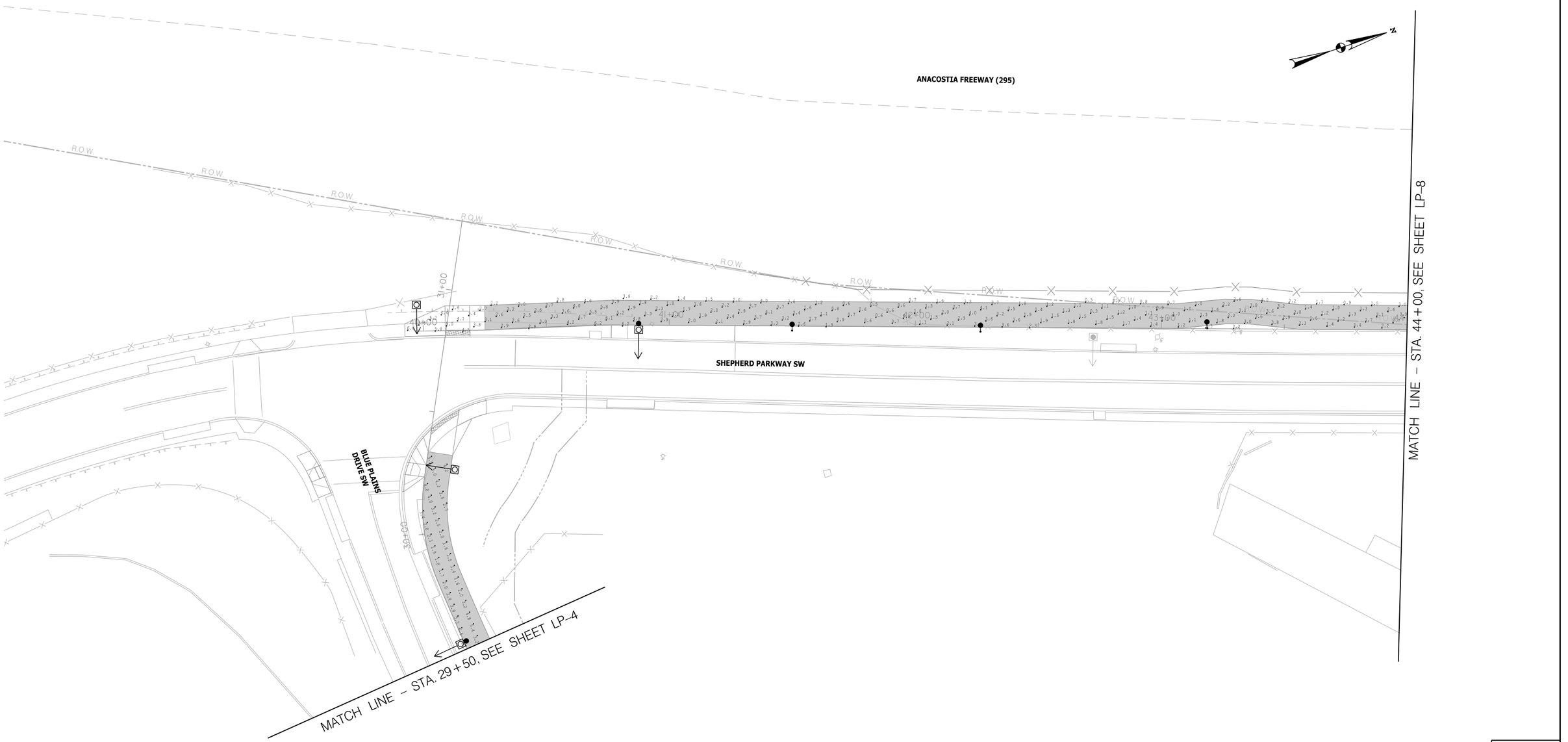
DATE

FILE

SHEET 395 OF 576

pPP-P004_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	396	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.46	6.5	2.1	3.09

DISTRICT OF COLUMBIA
RAMON G. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

20′ 0 20′ 40′
SCALE: 1"=20′

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LP–7

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

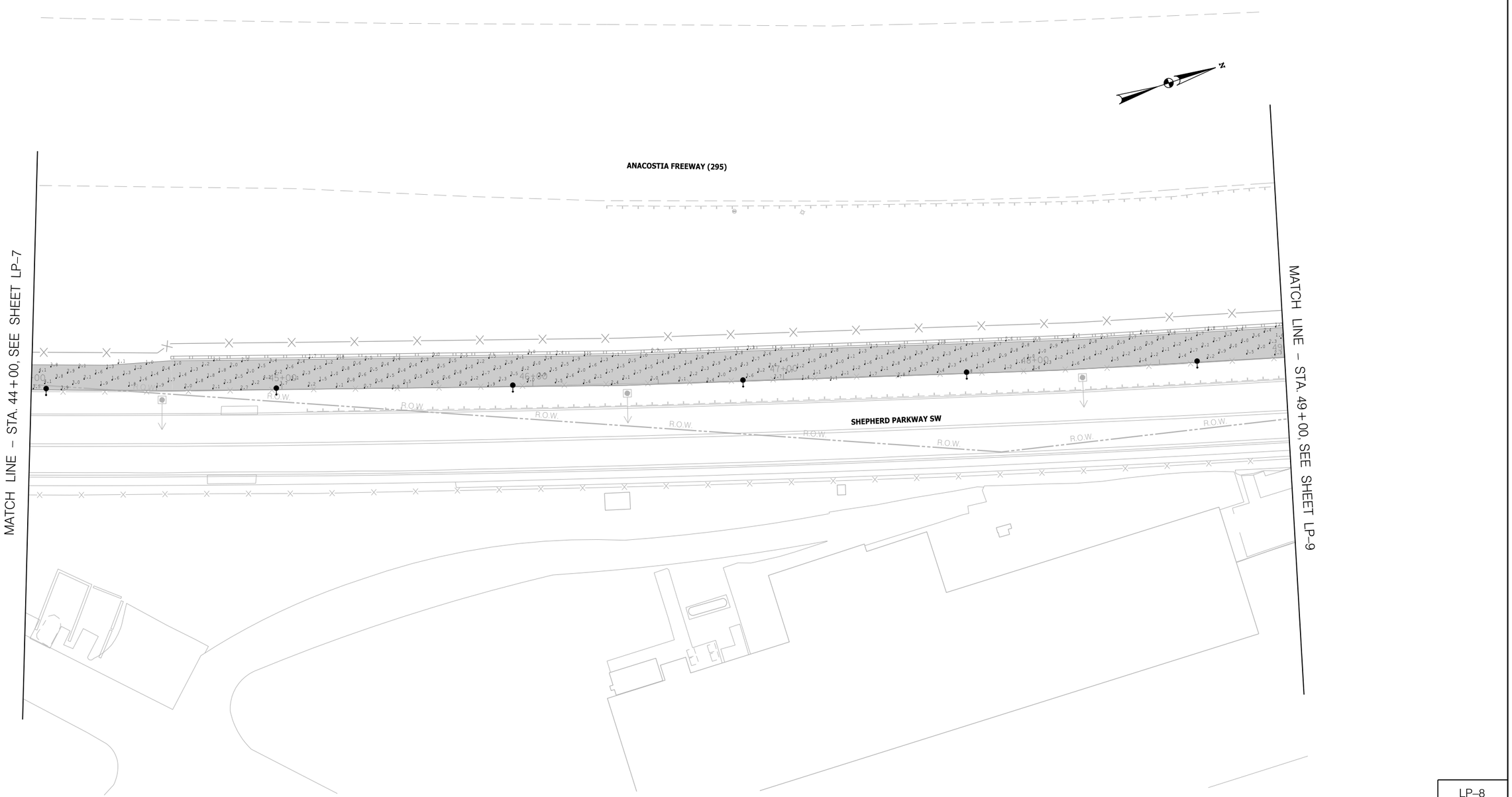
DATE

FILE

SHEET 396 OF 576

pPP-P007_SCSTr-oli.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	397	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.46	6.5	2.1	3.09

DISTRICT OF COLUMBIA
DARLENE M. SIMONS
NO. PE014706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

20′ 0 20′ 40′
SCALE: 1"=20′

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LP–8

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

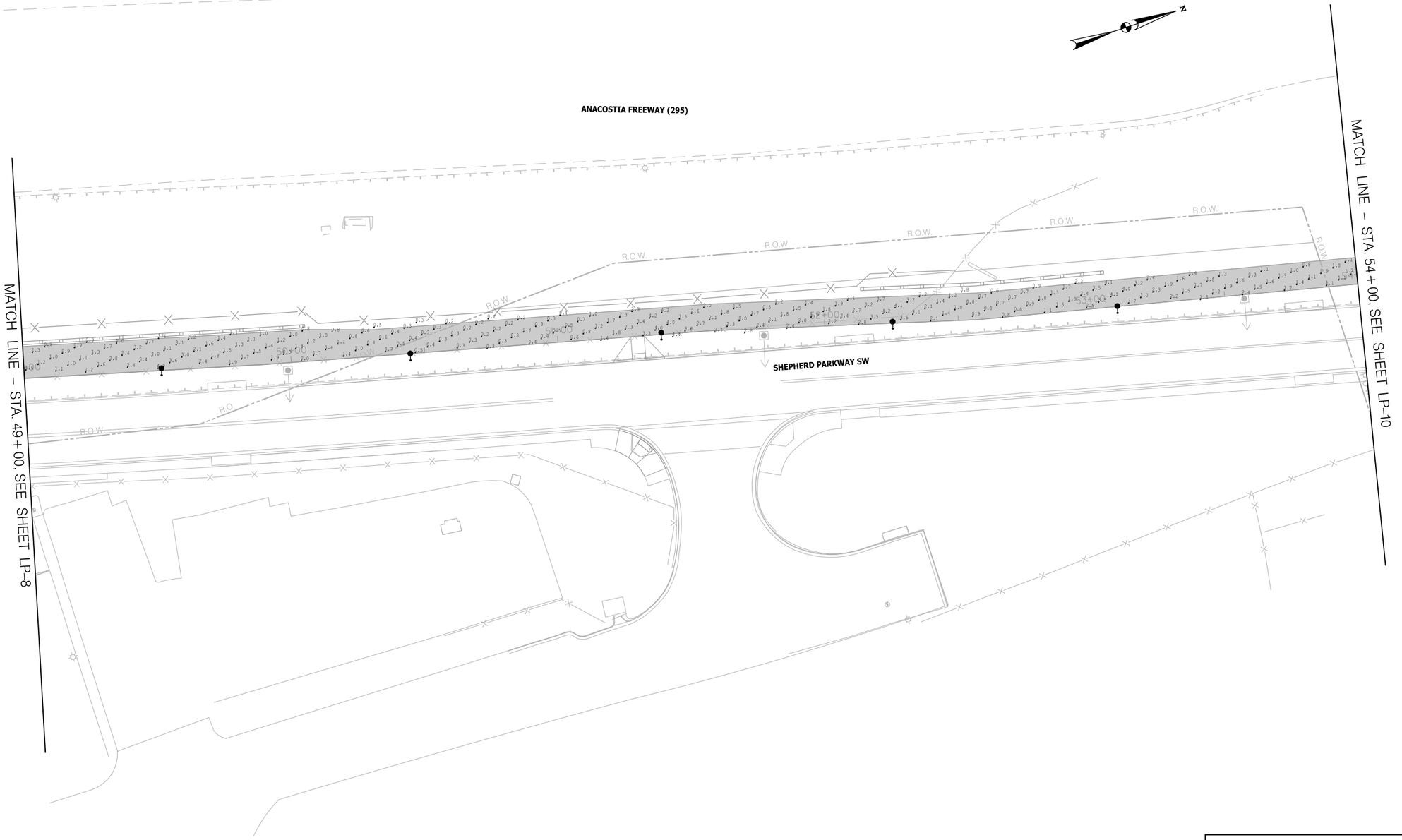
PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 397 OF 576

pPP-P008.SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	398	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.46	6.5	2.1	3.09

DISTRICT OF COLUMBIA
SHARON D. SMOKE
NO. PE009776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

20' 0 20' 40'
SCALE: 1"=20'

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LP-9

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

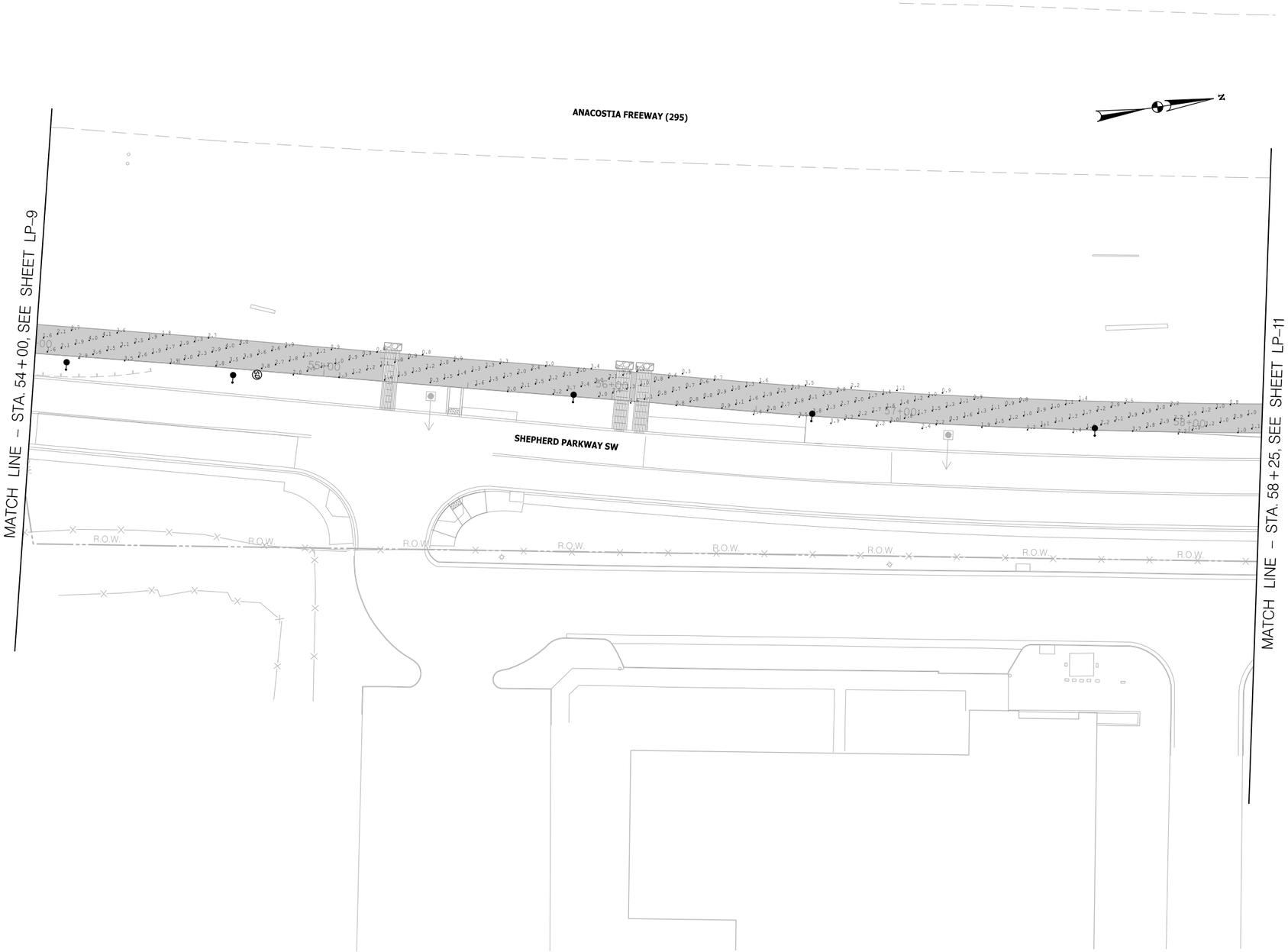
DATE

FILE

SHEET 398 OF 576

pPP-P009_SCStrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	399	576



20′ 0 20′ 40′

SCALE: 1"=20′

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.46	6.5	2.1	3.09

DISTRICT OF COLUMBIA
RAMON G. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pPP-P010_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LP–10

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

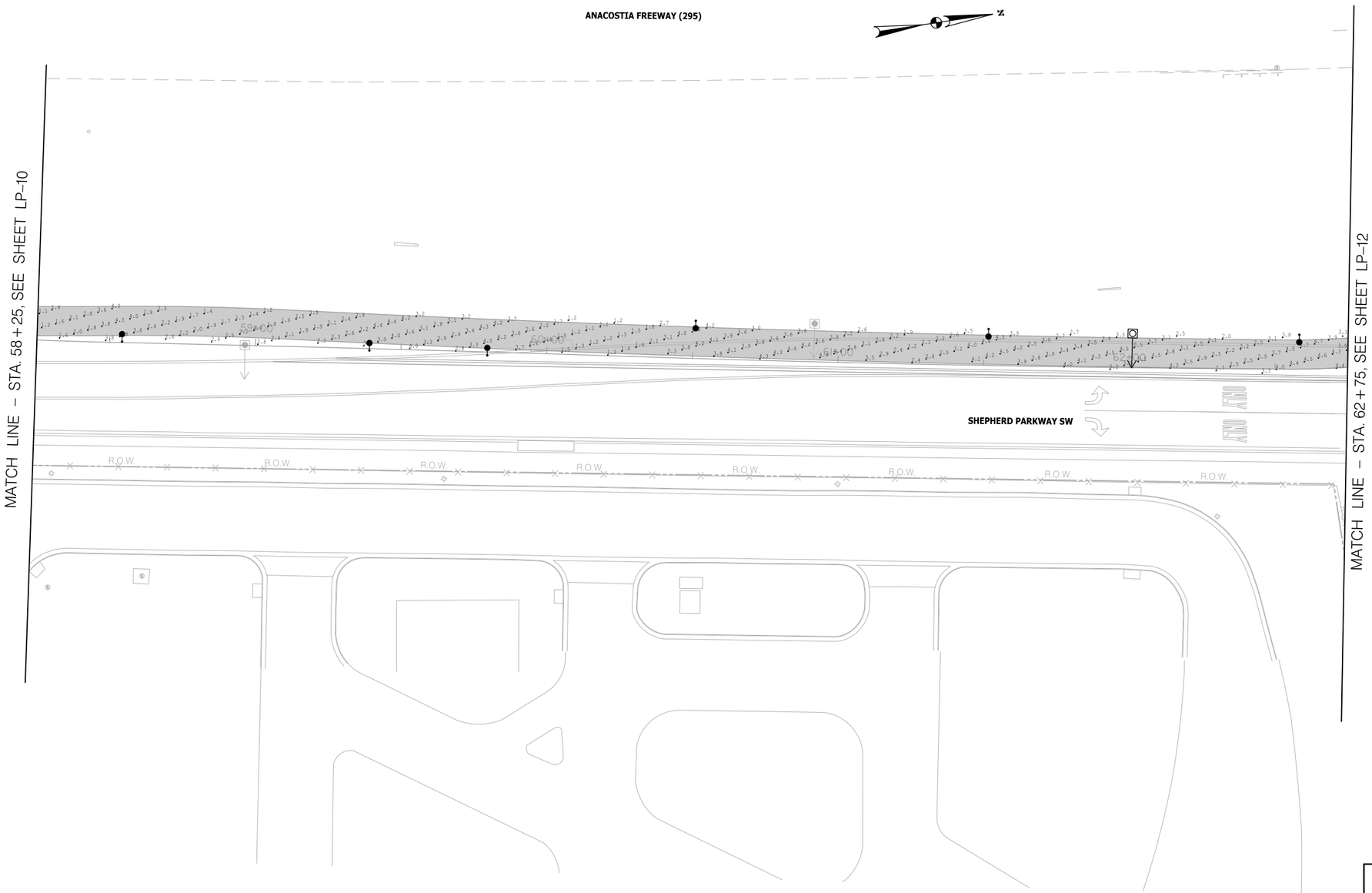
PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY GP
PROJECT MGR. MS

DIVISION CHIEF

DATE
FILE
SHEET 399 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	400	576



20′ 0 20′ 40′
SCALE: 1"=20′

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.46	6.5	2.1	3.09

DISTRICT OF COLUMBIA
DARLENE SIMONS
NO. PE017116
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LP–11

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

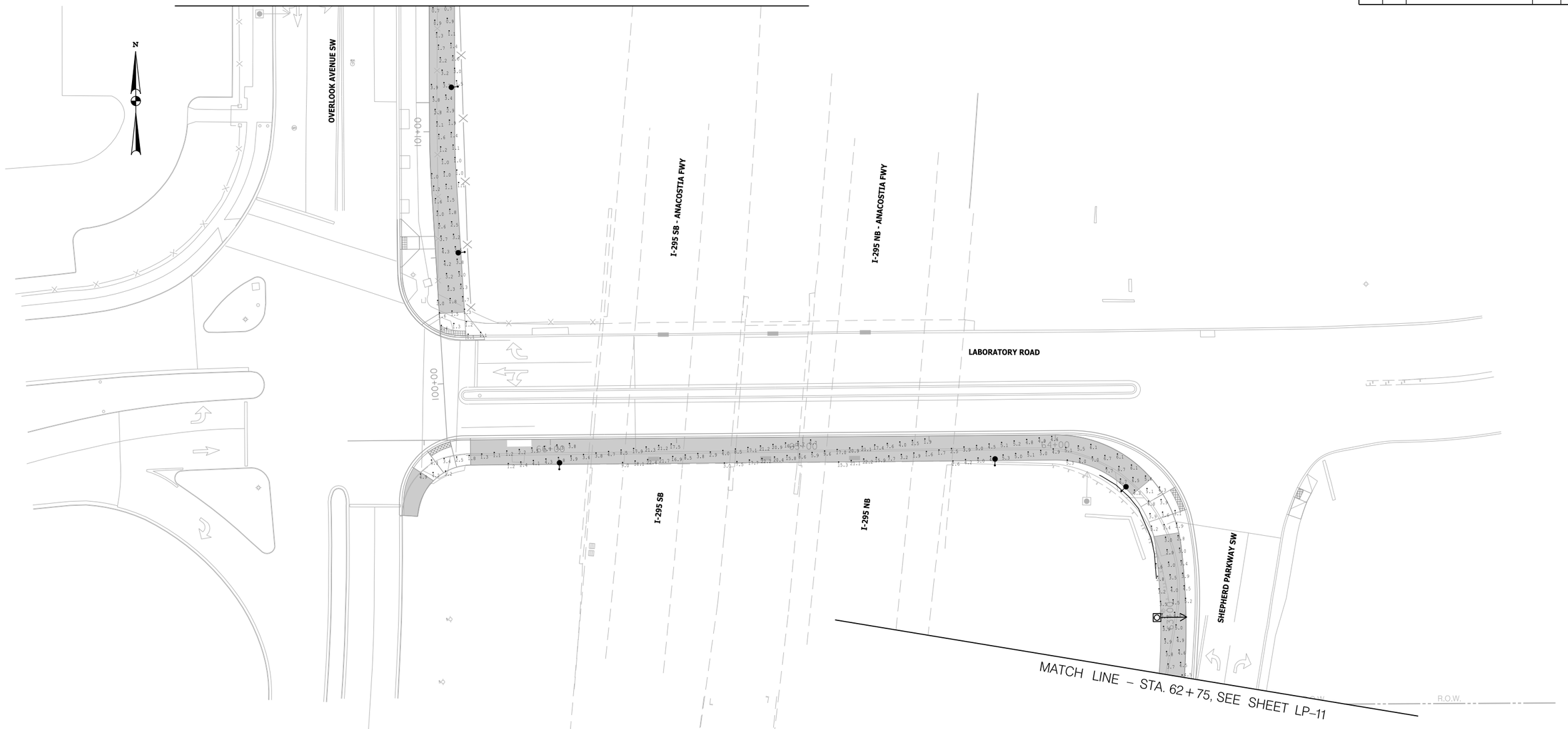
FILE

SHEET 400 OF 576

pPP-P011_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	401	576

MATCH LINE – STA. 101+50, SEE SHEET LP–13



20′ 0 20′ 40′

SCALE: 1"=20′

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	3.93	6.9	3.1	2.23

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pPP-P012_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LP–12

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

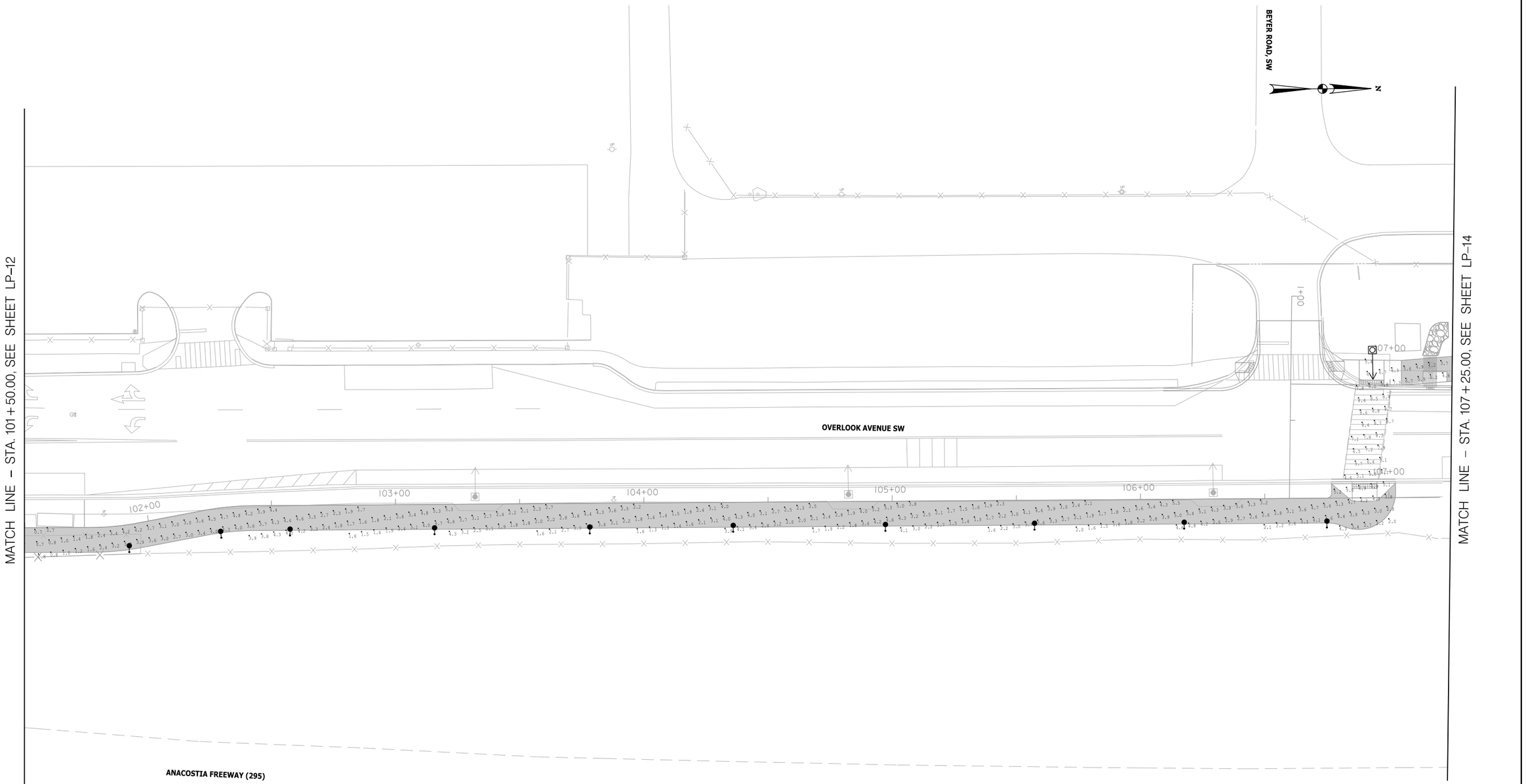
DIVISION CHIEF

DATE

FILE

SHEET 401 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	402	576



LP–13

20′ 0 20′ 40′
SCALE: 1"=20′

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.89	5.9	2.1	2.81

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE009700
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

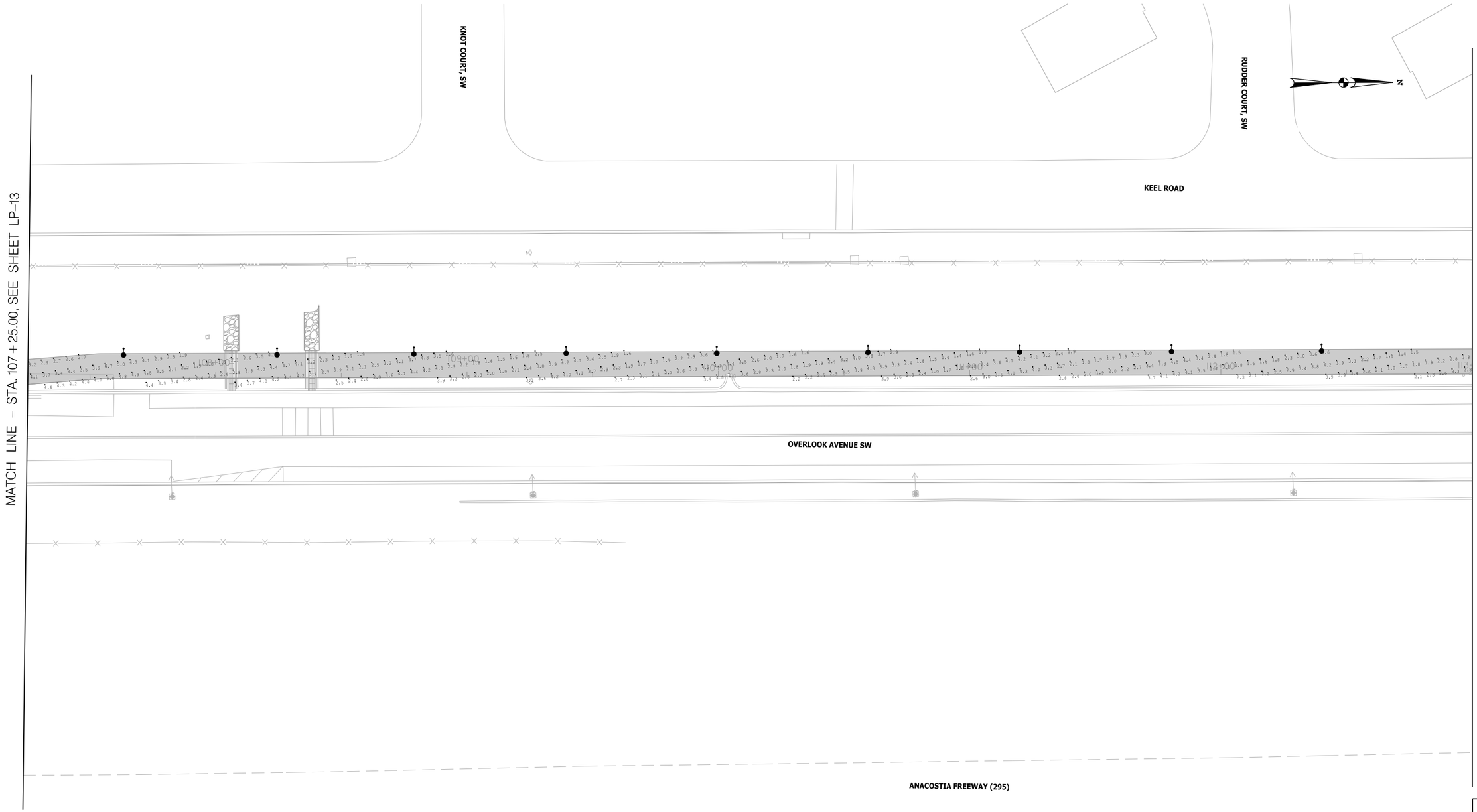
DATE

FILE

SHEET 402 OF 576

pPP-P013_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	403	576



LP–14

20′ 0 20′ 40′
SCALE: 1"=20′

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.89	5.9	2.1	2.81

DISTRICT OF COLUMBIA
RAMON G. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

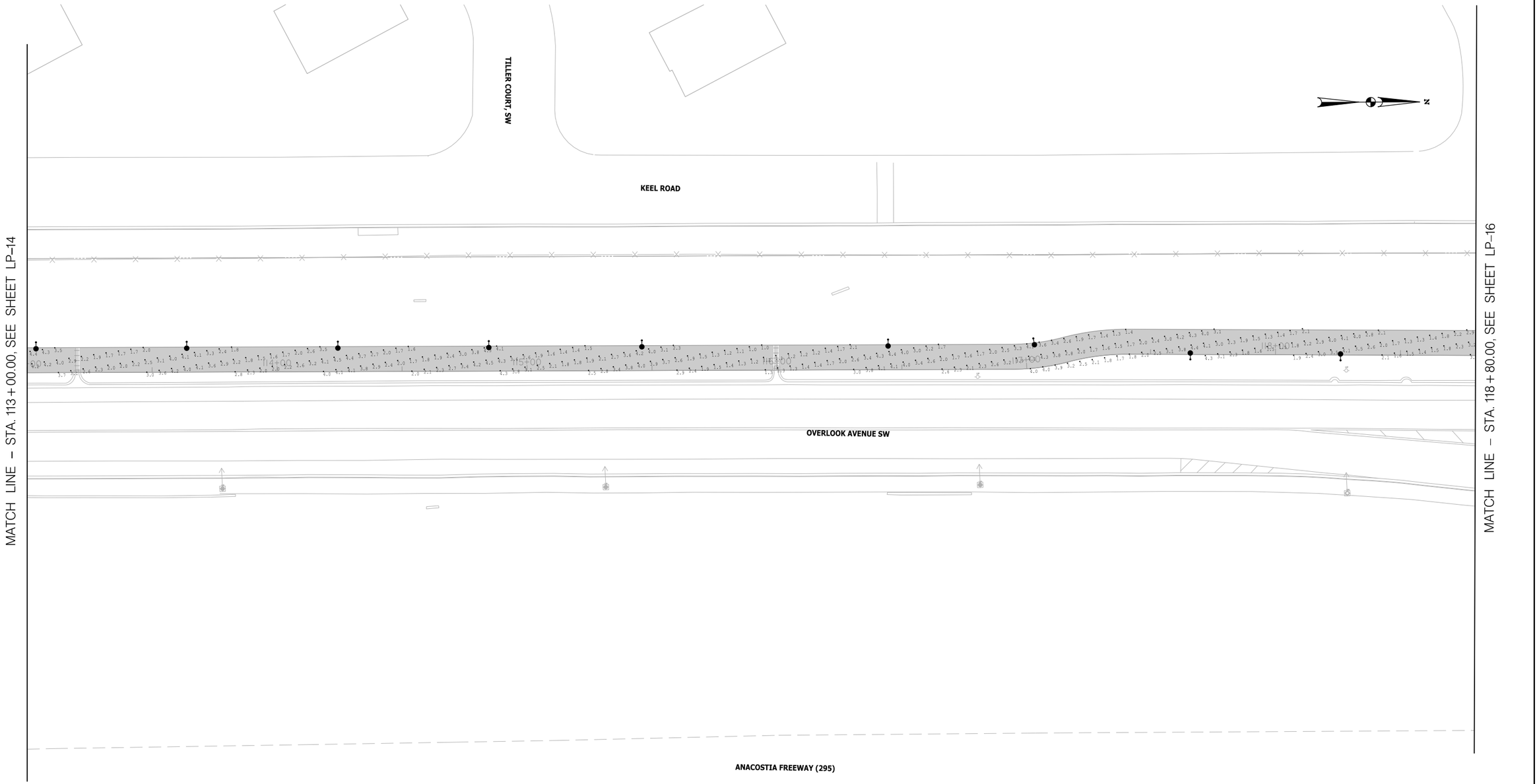
DATE

FILE

SHEET 403 OF 576

pPP-P014_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	404	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.89	5.9	2.1	2.81

20′ 0 20′ 40′
SCALE: 1"=20′

LP–15

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 404 OF 576

NO.	DESCRIPTION	NAME	DATE

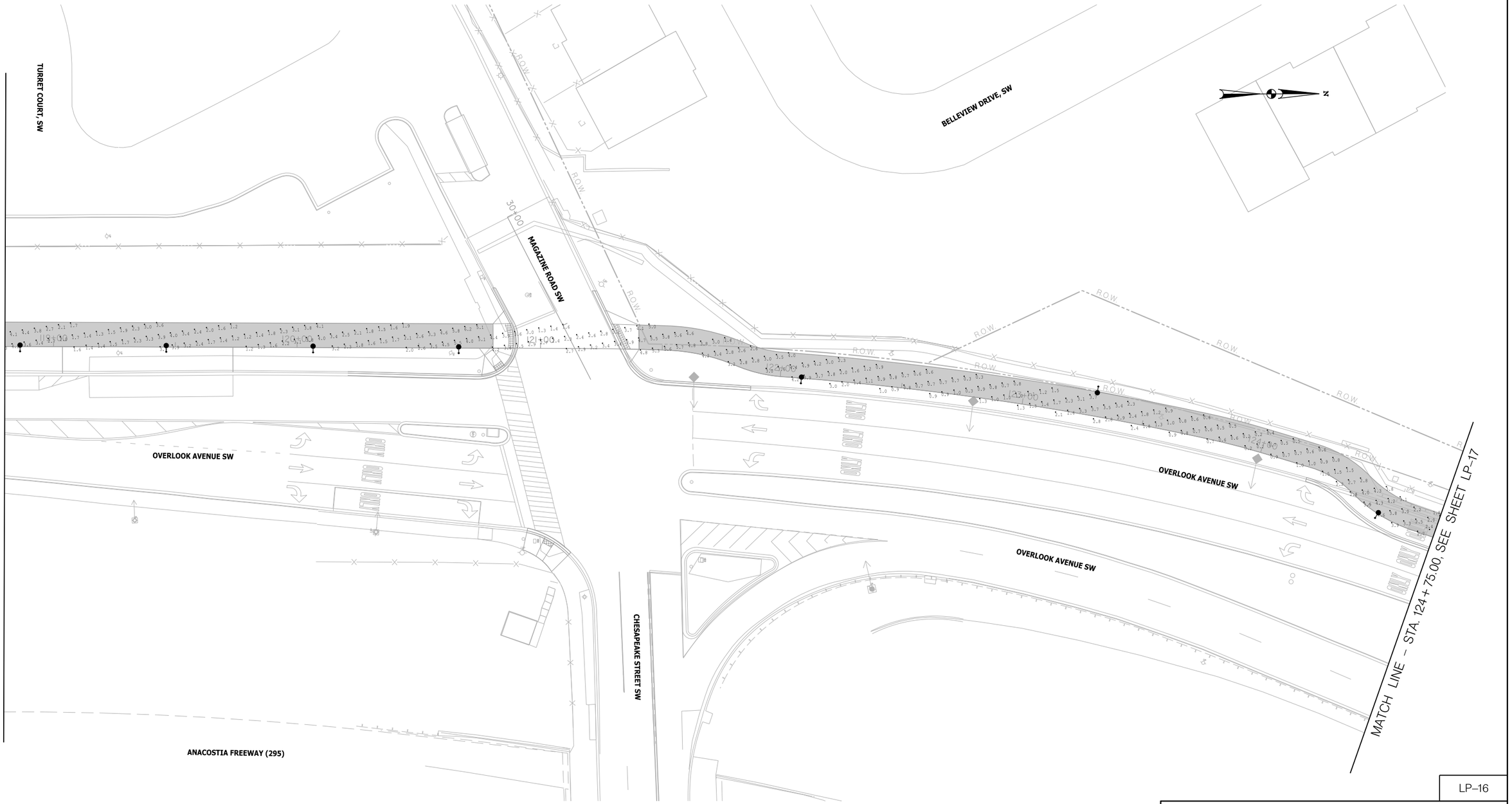
REVISIONS

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
DARRON G. SMOAK
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pPP-P015_SCStrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	405	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.89	5.9	2.1	2.81

20′ 0 20′ 40′
SCALE: 1"=20′

LP–16

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY GP
PROJECT MGR. MS

PROPOSED LIGHTING PHOTOMETRICS

DIVISION CHIEF
DATE
FILE
SHEET 405 OF 576

ch2m· TOOLE DESIGN

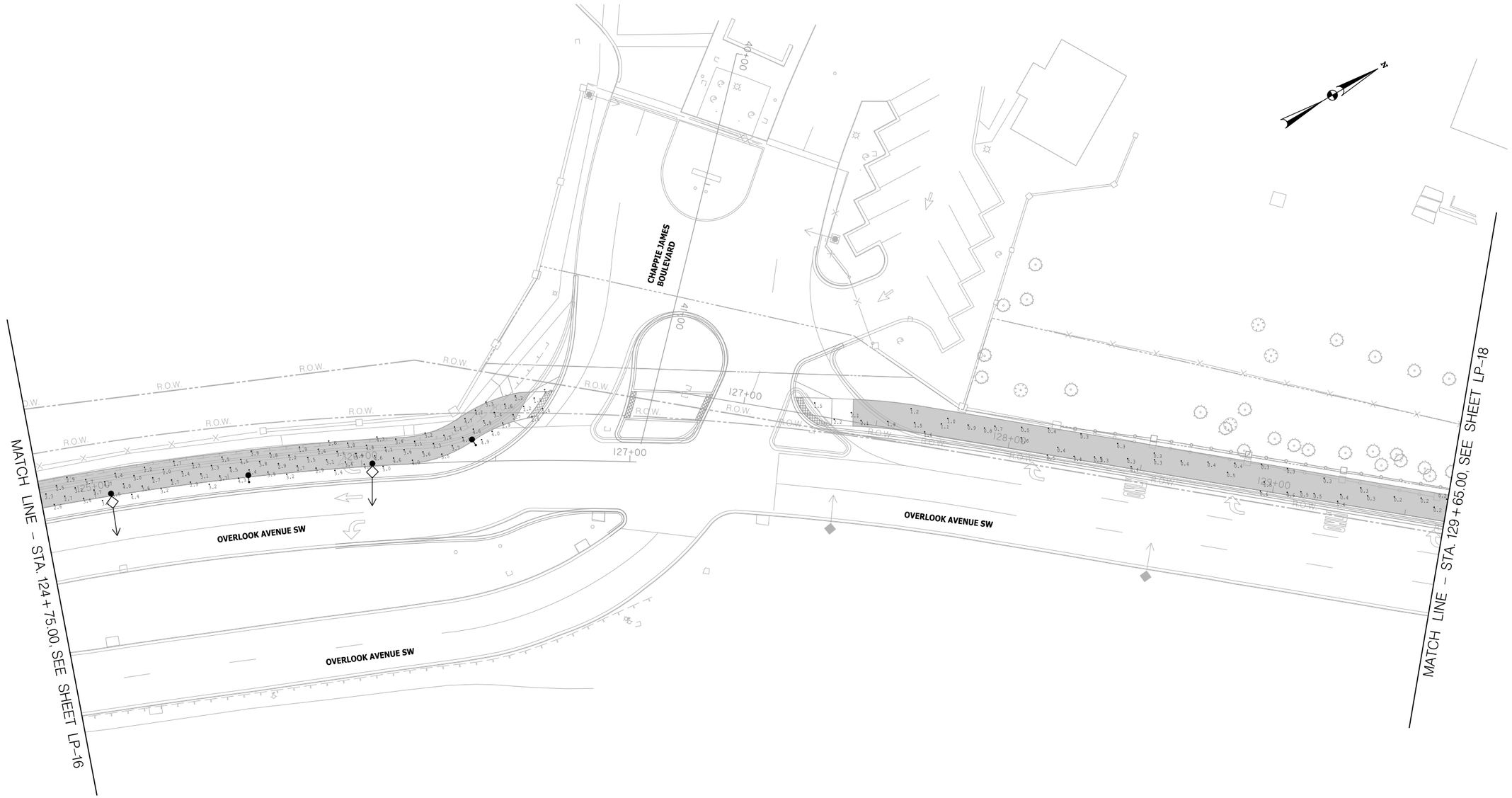
NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA · DARLON D. SINGLETON · NO. PE009760 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

pPP-P016_SCSTr-oli.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	406	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.77	5.5	1.8	3.05

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LP–17

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 406 OF 576

pPP-P017_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	407	576

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.77	5.5	1.8	3.05

DISTRICT OF COLUMBIA
RAMON G. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pPP-P018_SCSTrail.dgn
2/24/2026

20′ 0 20′ 40′
SCALE: 1"=20′

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LP–18

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

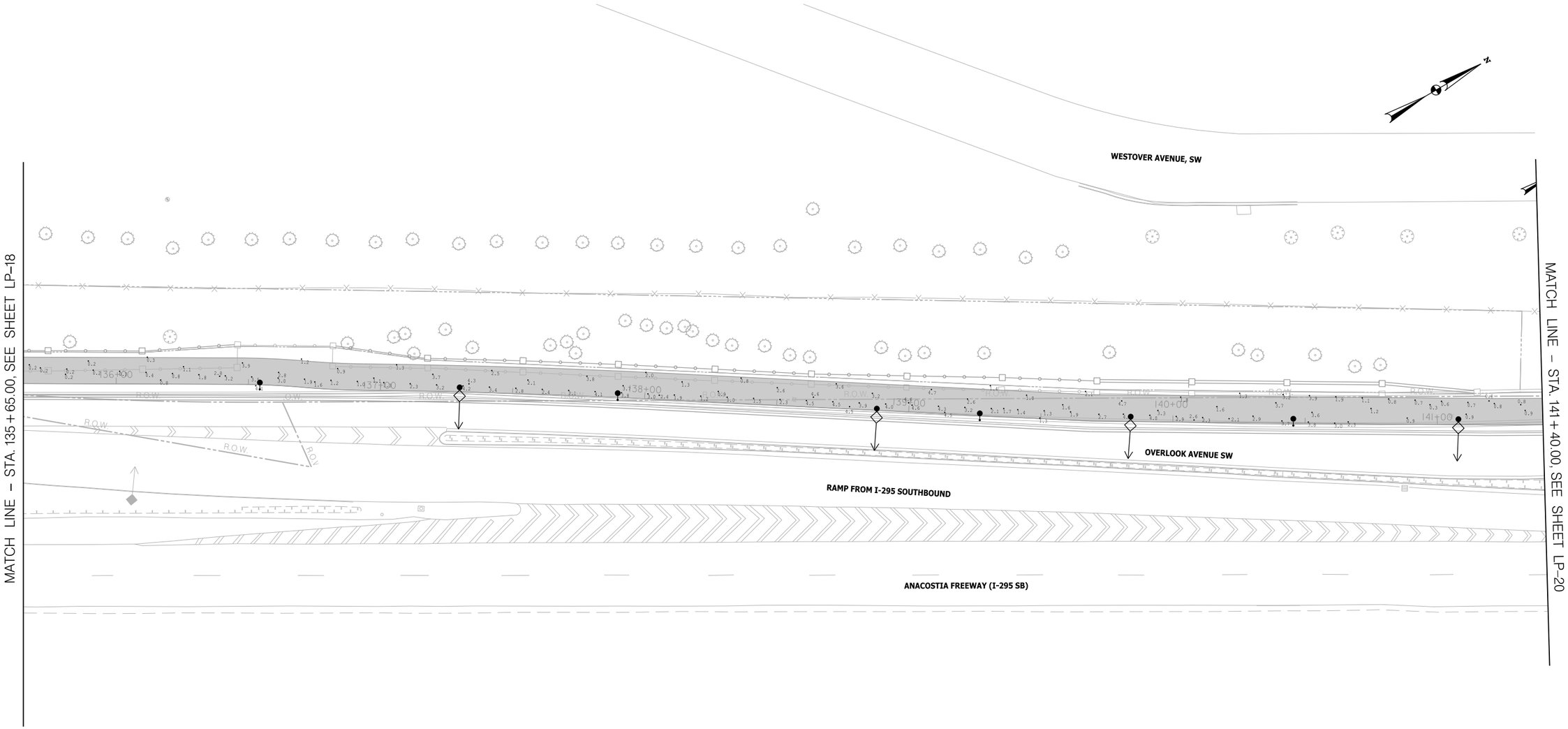
DIVISION CHIEF

DATE

FILE

SHEET 407 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	408	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.77	5.5	1.8	3.05

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA — DARLON D. SIMONS — NO. PE904706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LP–19

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

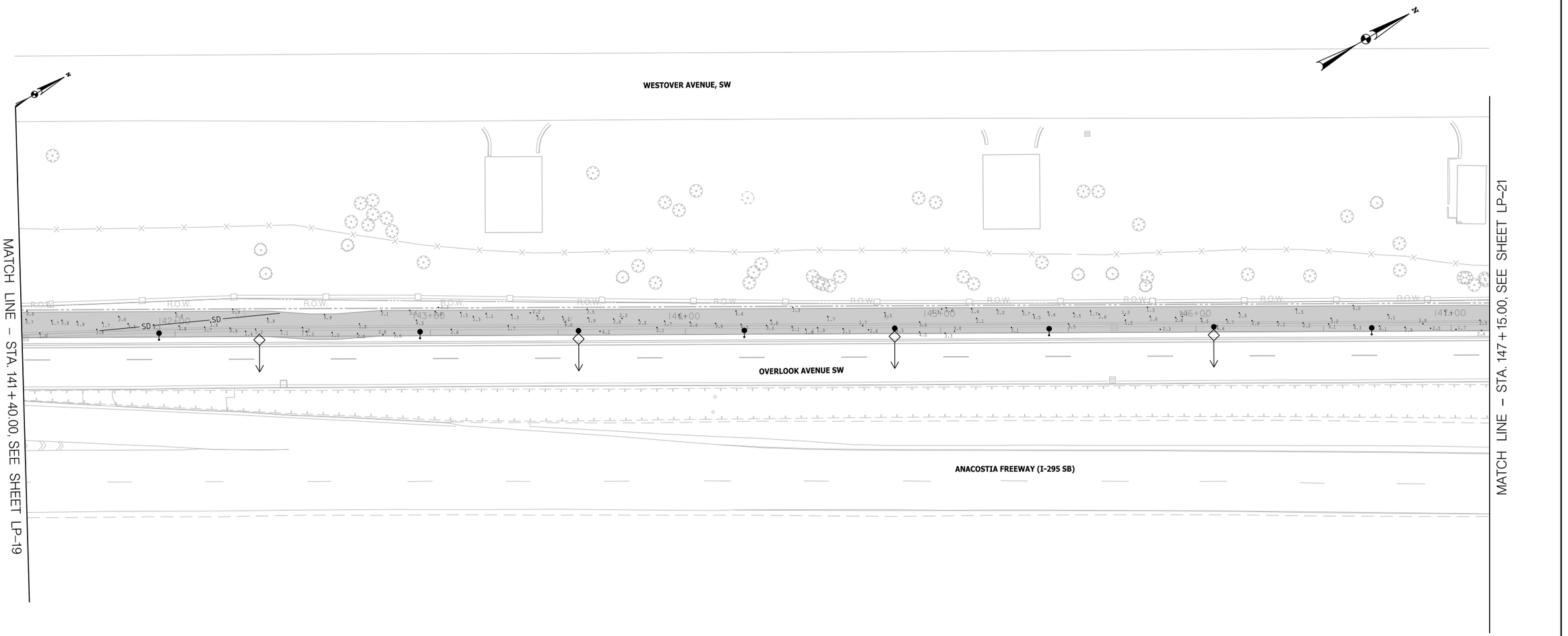
PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 408 OF 576

pPP-P019_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	409	576



LP–20

20′ 0 20′ 40′
SCALE: 1"=20′

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.77	5.5	1.8	3.05

DISTRICT OF COLUMBIA
CARLTON G. SMOAK
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

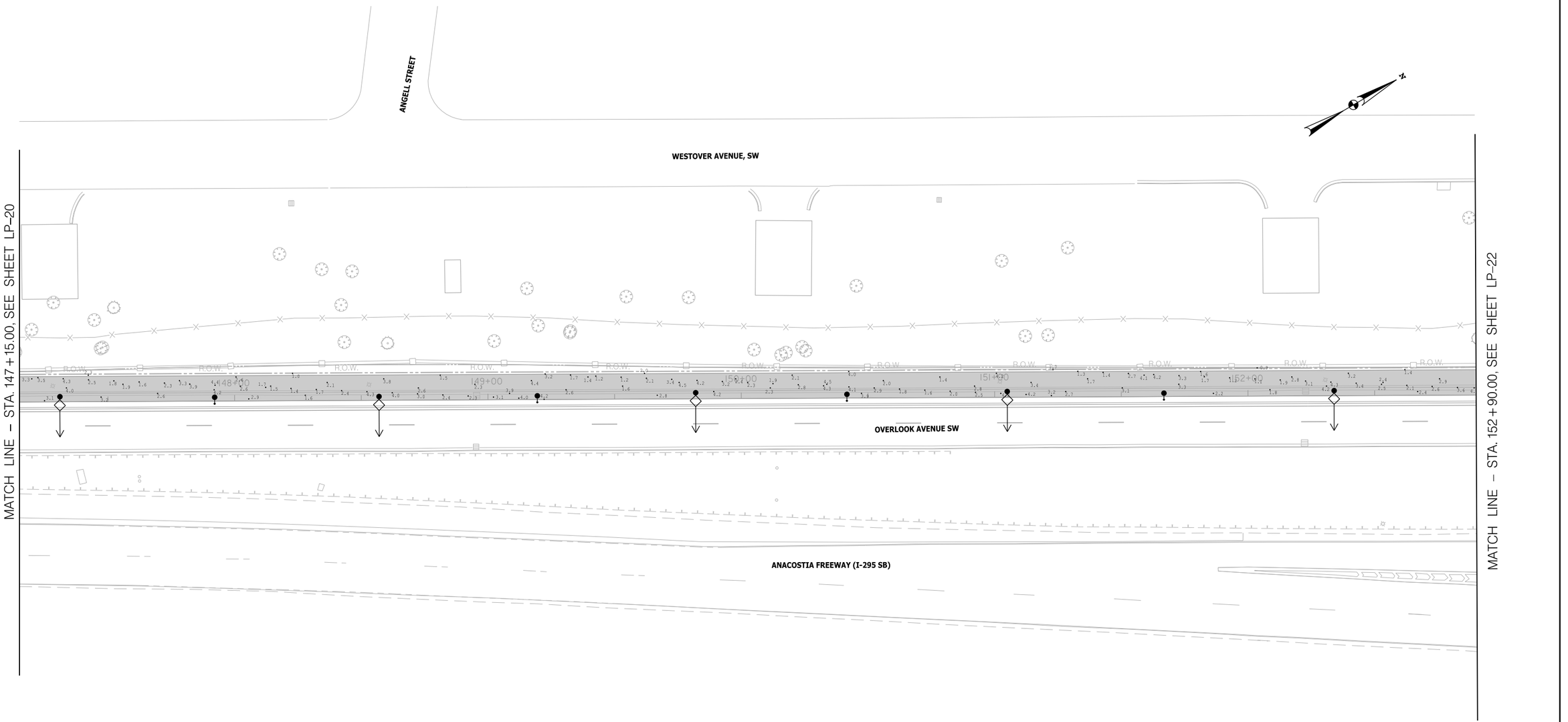
DATE

FILE

SHEET 409 OF 576

pPP-P020_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	410	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.77	5.5	1.8	3.05

20′ 0 20′ 40′
SCALE: 1"=20′

LP–21

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 410 OF 576

NO.	DESCRIPTION	NAME	DATE

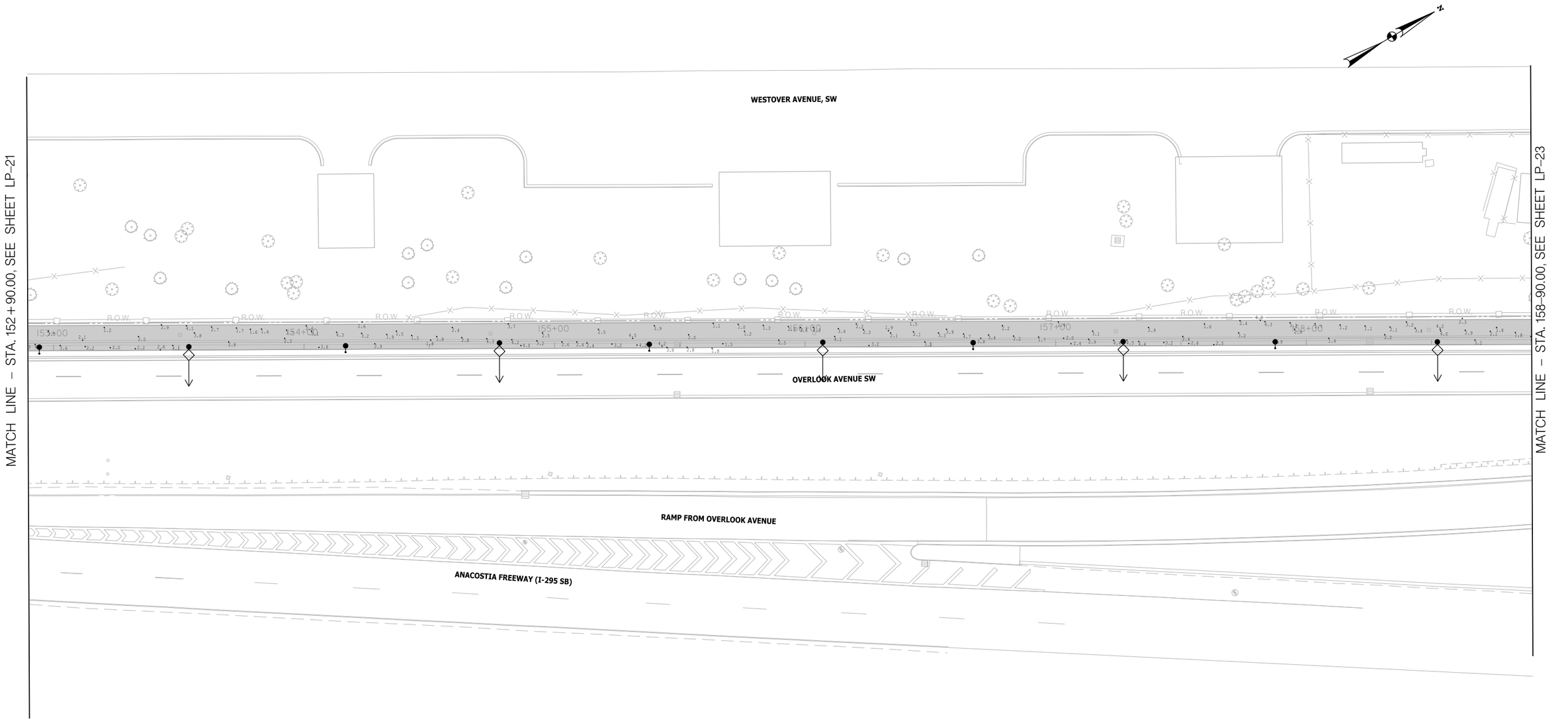
REVISIONS

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
MARLON G. SMOAK
NO. PE50176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pPP-P021_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	411	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.77	5.5	1.8	3.05

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA
DARRON G. SMOAK
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LP–22

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

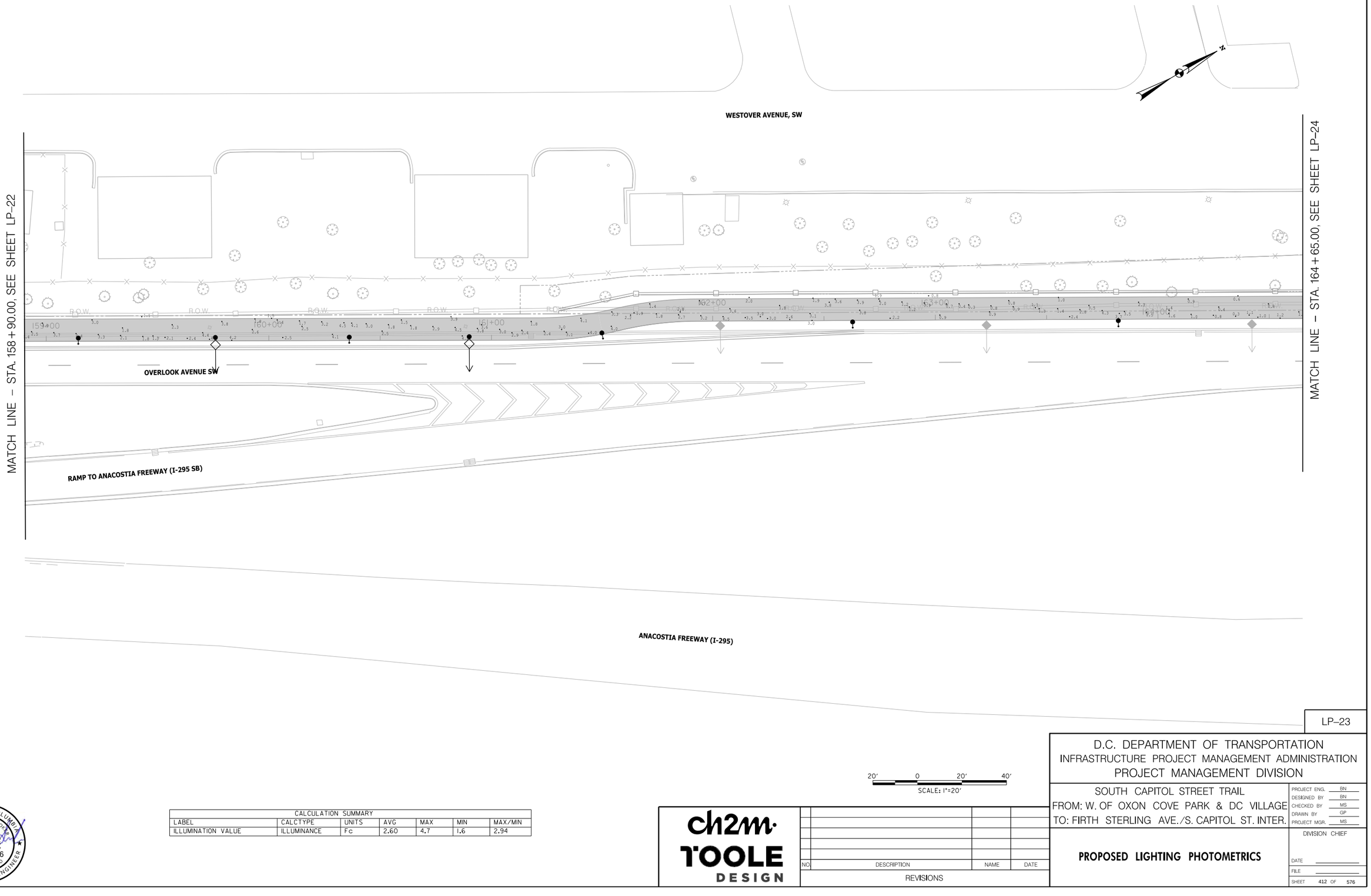
PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 411 OF 576

pPP-P022_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	412	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.60	4.7	1.6	2.94

20′ 0 20′ 40′
SCALE: 1"=20′

LP–23

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 412 OF 576

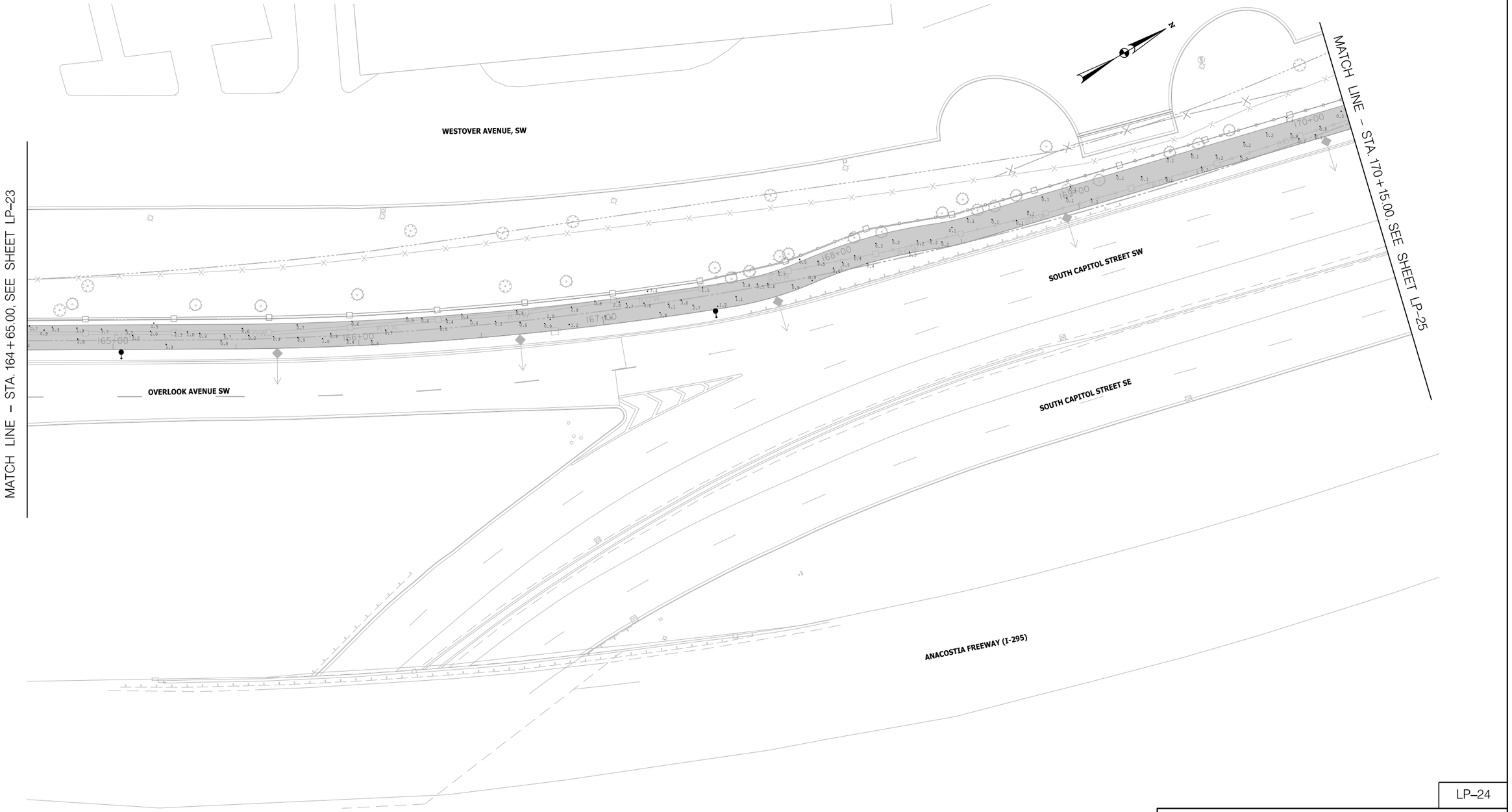
NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
MARION G. SMOAK
NO. PE004706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pPP-P023_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	413	576



LP–24

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.60	4.7	1.6	2.94

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

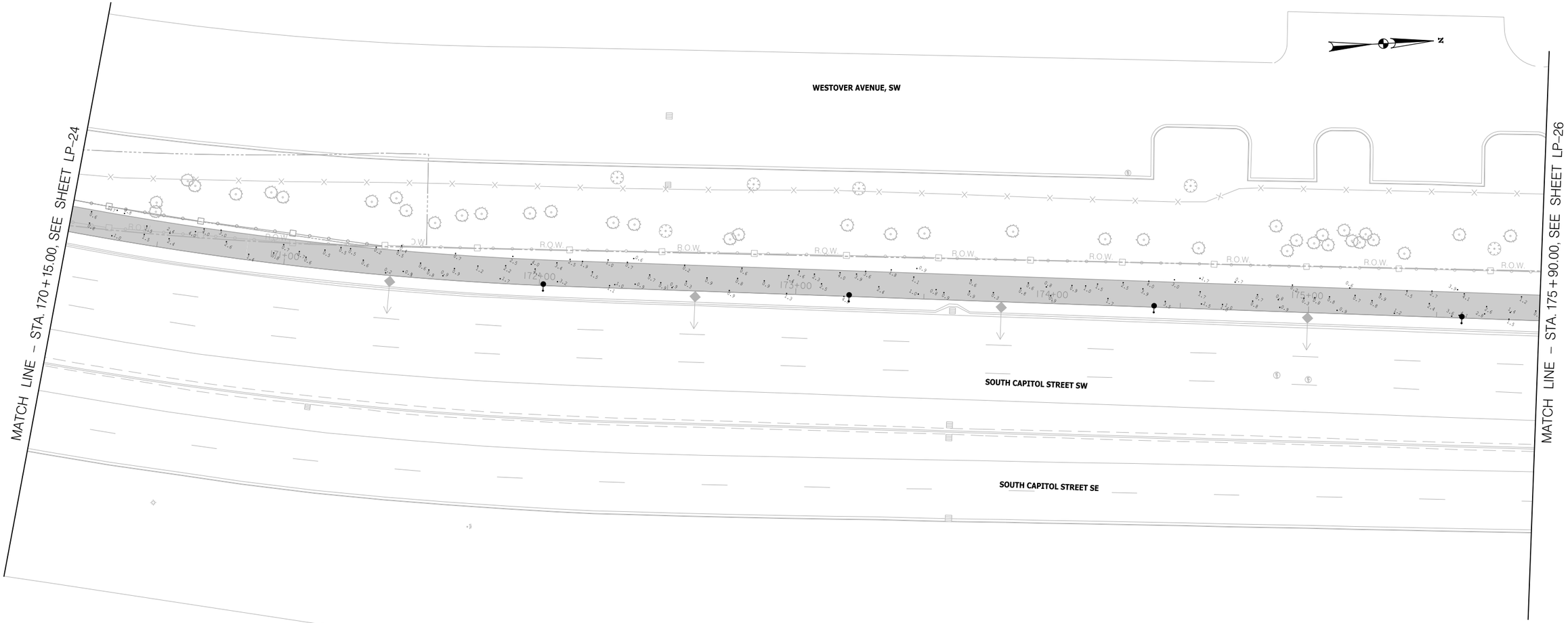
PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 413 OF 576

pPP-P024_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	414	576



20′ 0 20′ 40′

SCALE: 1"=20′

LP–25

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.60	4.7	1.6	2.94

DISTRICT OF COLUMBIA
SHARLON D. SNOWDEN
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

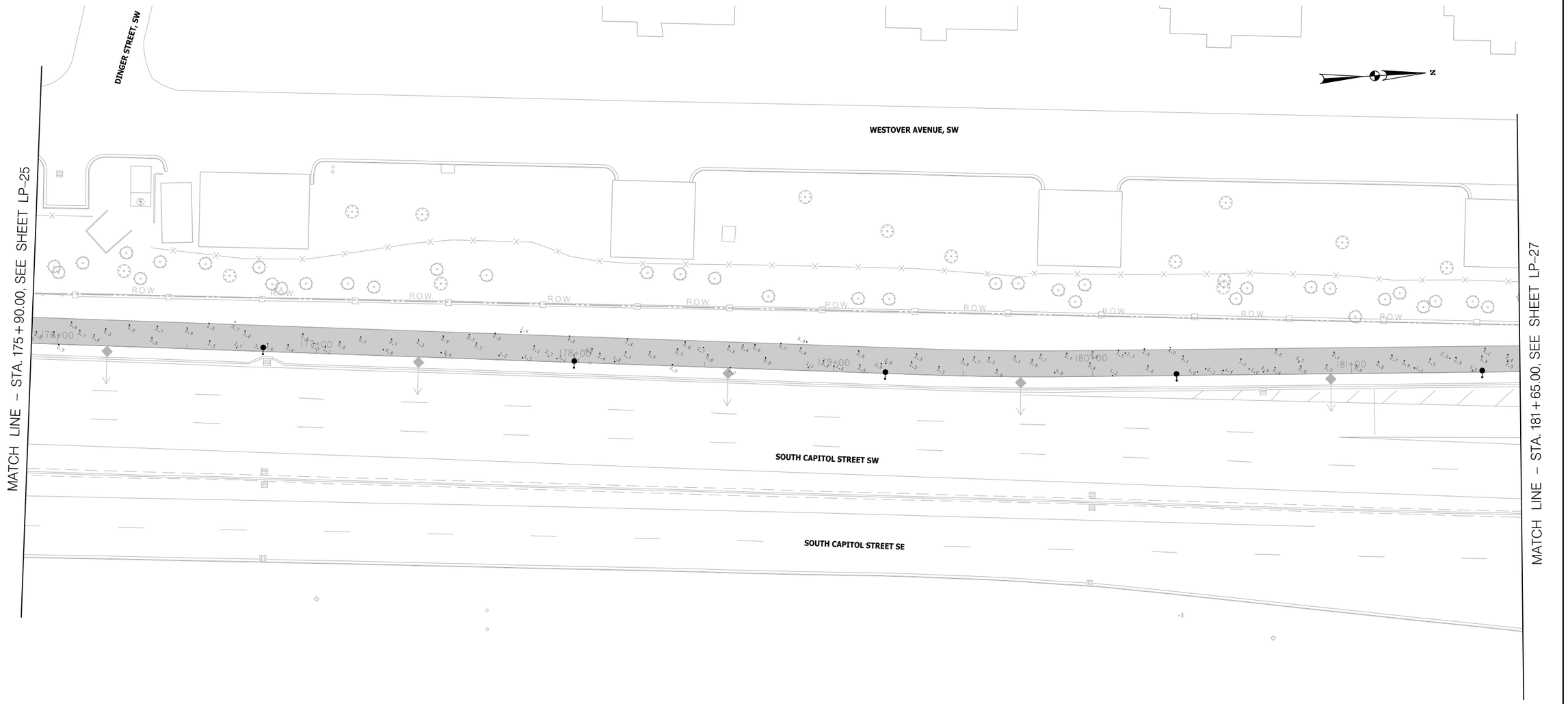
DATE

FILE

SHEET 414 OF 576

pPP-P025_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	415	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.60	4.7	1.6	2.94

20′ 0 20′ 40′

SCALE: 1"=20′

LP–26

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 415 OF 576

NO	DESCRIPTION	NAME	DATE

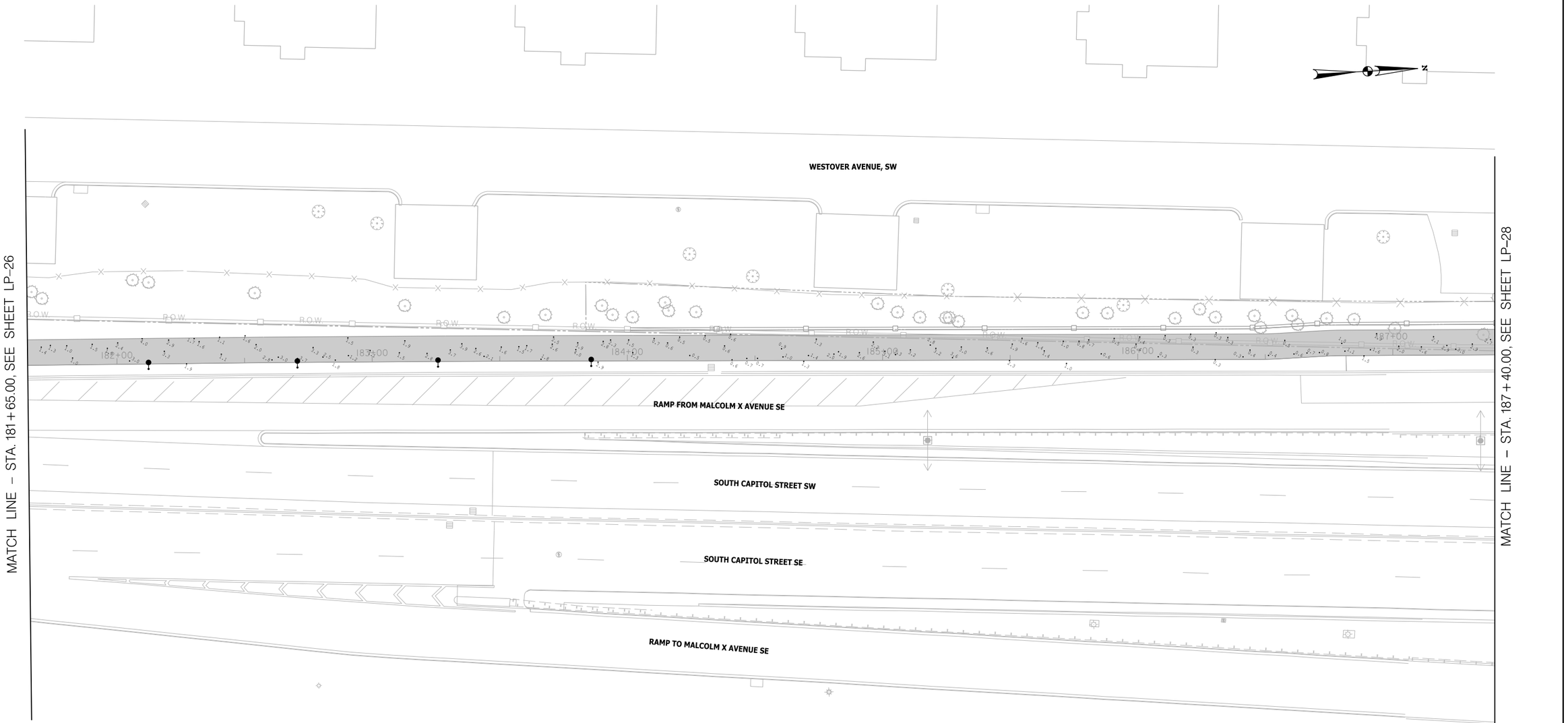
REVISIONS

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA · DARRYL D. SIMONS · NO. PE904706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

pPP-P026_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	416	576



LP–27

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.60	4.7	1.6	2.94

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA — DARLON D. SMOKE — NO. PE004706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

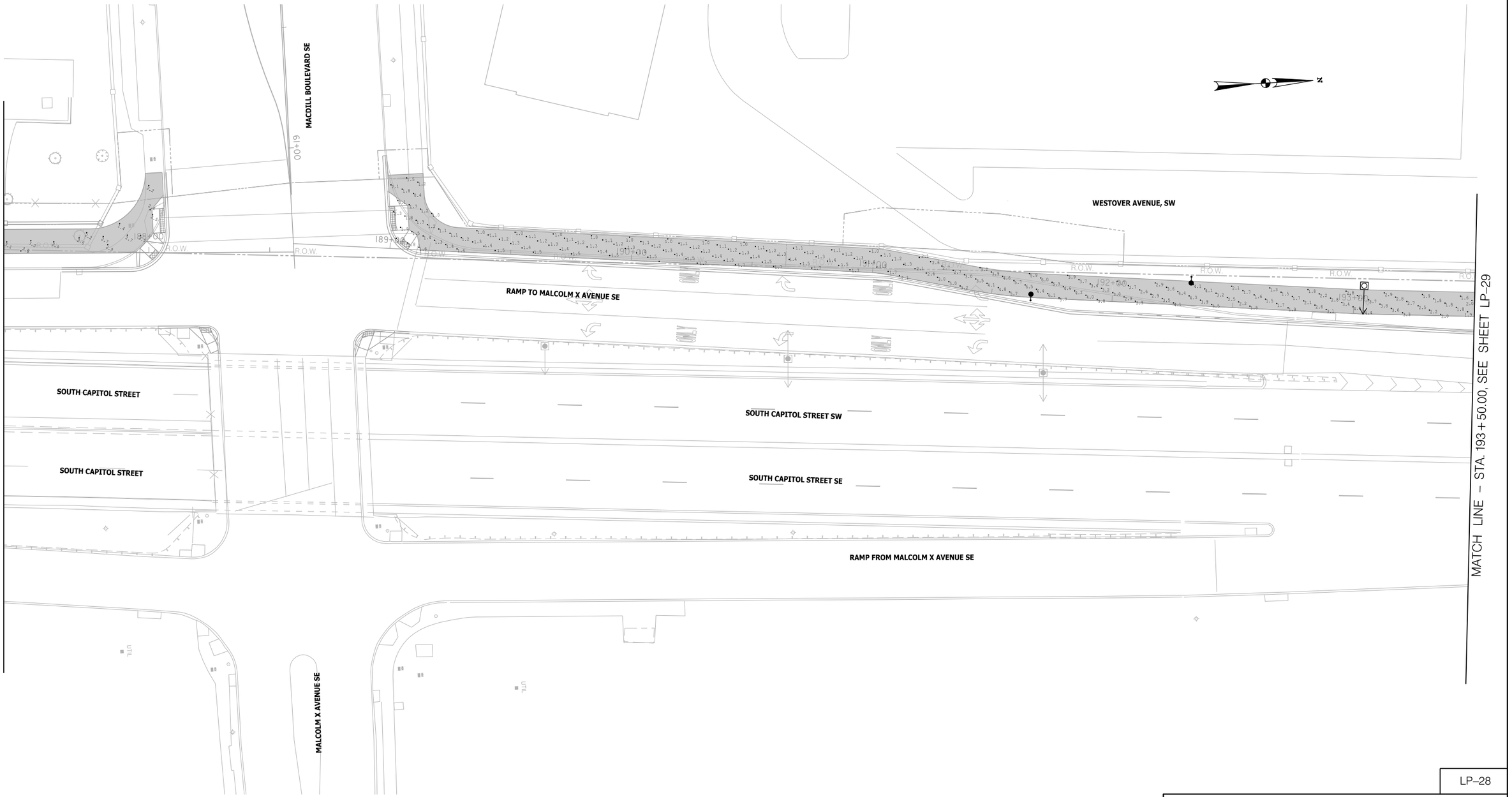
PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 416 OF 576

pPP-P027_SCSTrail.dgn
2/24/2026

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	417	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.64	7.1	2.2	3.22

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA
RAMON O. SMOAK
NO. PE014776
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pPP-P028_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LP–28

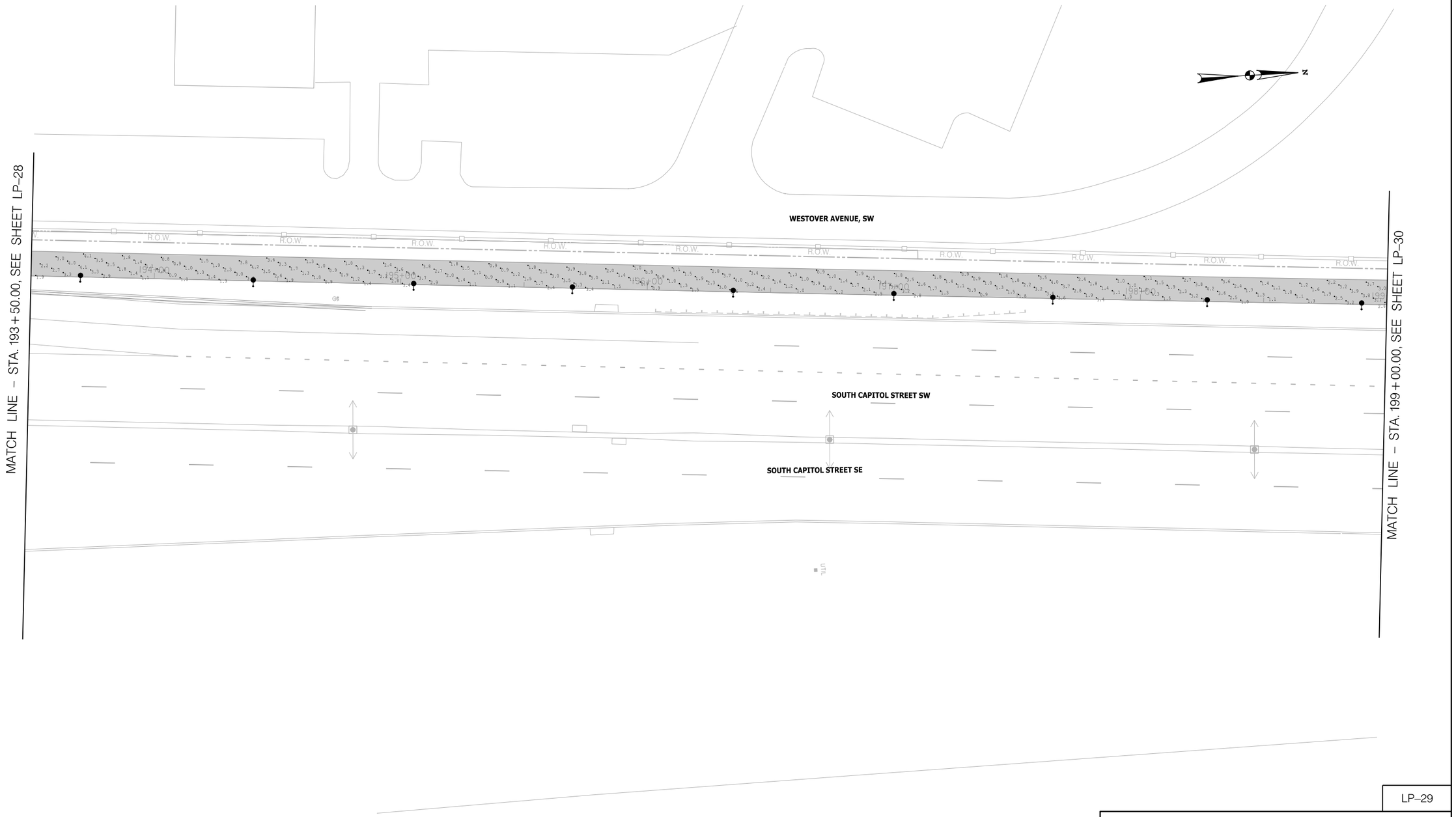
D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	417 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	418	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.64	7.1	2.2	3.22

20′ 0 20′ 40′

SCALE: 1"=20′

LP–29

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 418 OF 576

NO	DESCRIPTION	NAME	DATE

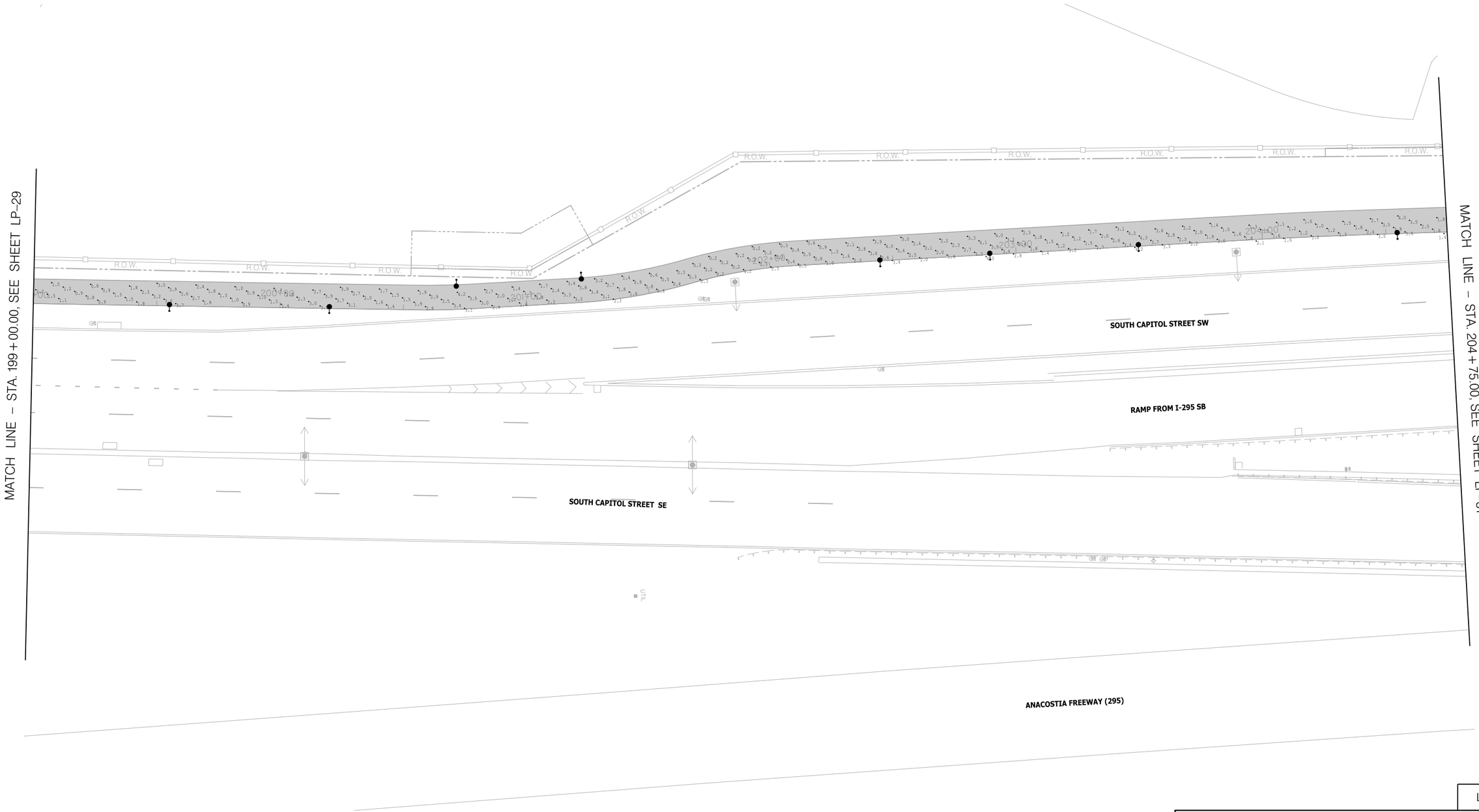
REVISIONS

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
DARLENE SIMONS
NO. PE009706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pPP-P029_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	419	576



LP–30

20′ 0 20′ 40′
SCALE: 1"=20′

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.64	7.1	2.2	3.22

DISTRICT OF COLUMBIA · MARION G. SMOAK · NO. PE004706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

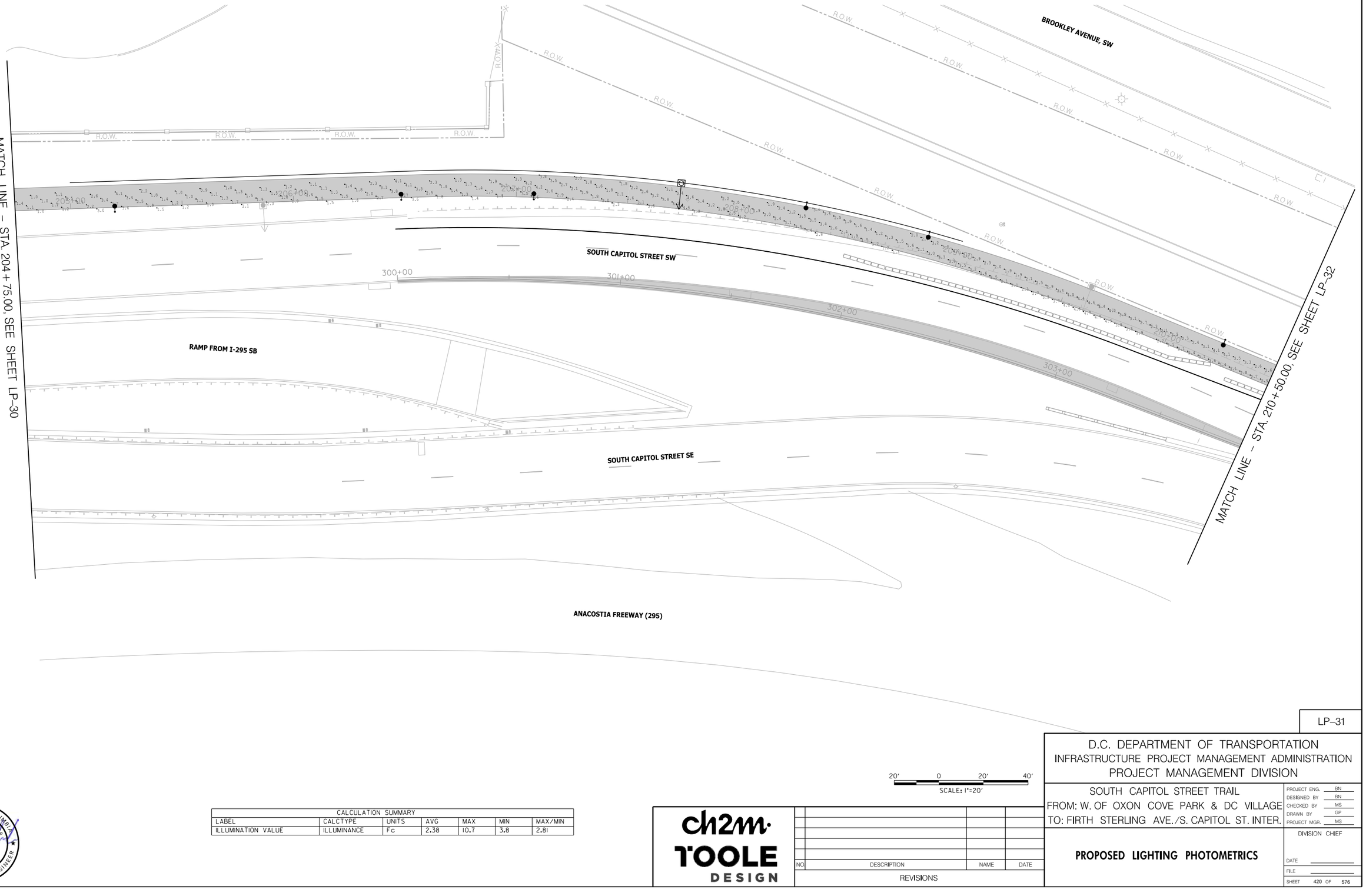
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	419 OF 576

pPP-P030_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	420	576



20′ 0 20′ 40′

SCALE: 1"=20′

LP–31

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.38	10.7	3.8	2.81

DISTRICT OF COLUMBIA · DARION G. SMOAK · NO. PE014776 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

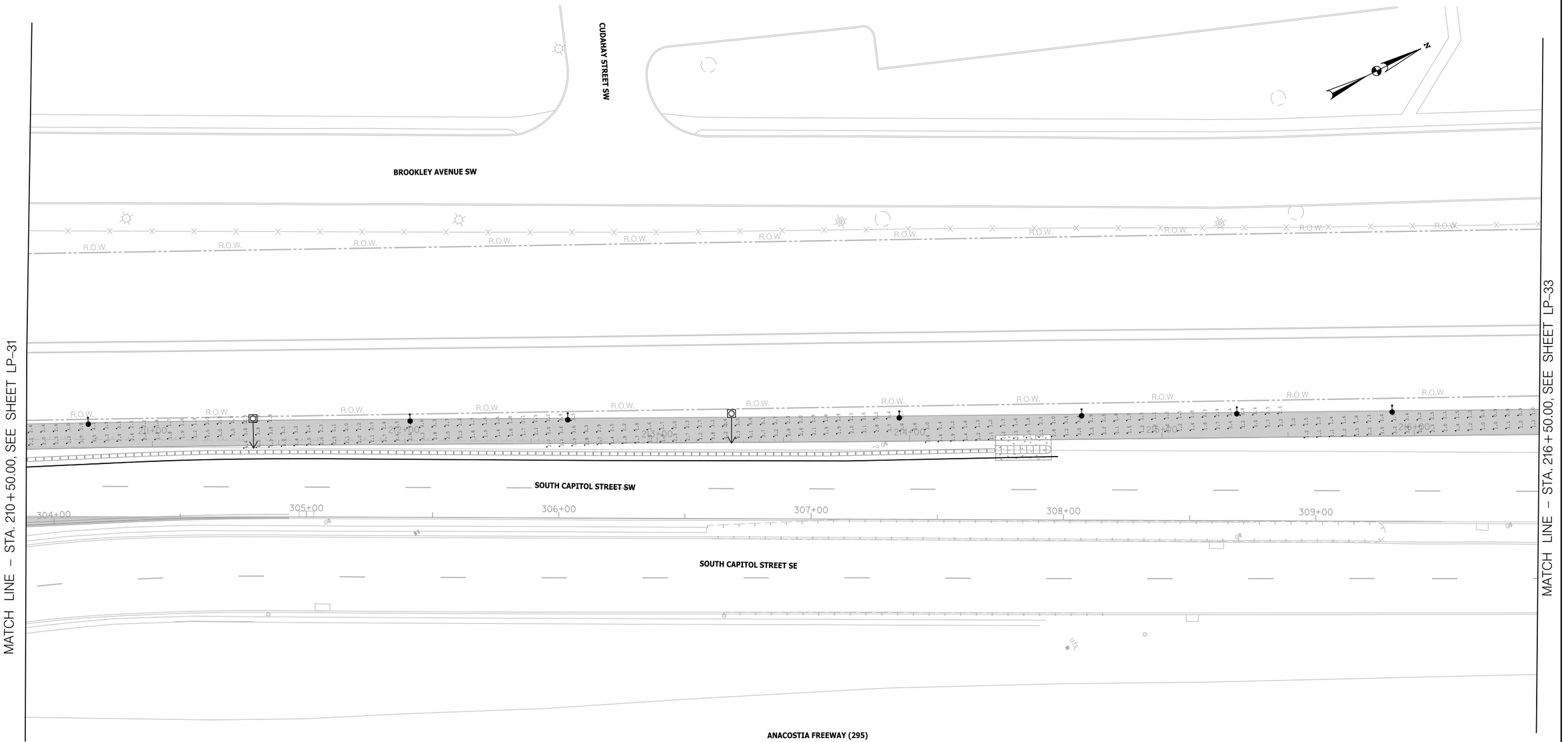
DATE

FILE

SHEET 420 OF 576

pPP-P031_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	421	576



20′ 0 20′ 40′

SCALE: 1"=20′

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.38	10.7	3.8	2.81

DISTRICT OF COLUMBIA
MARLON D. SINGLETON
NO. PE009748
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pPP-P032_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LP–32

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

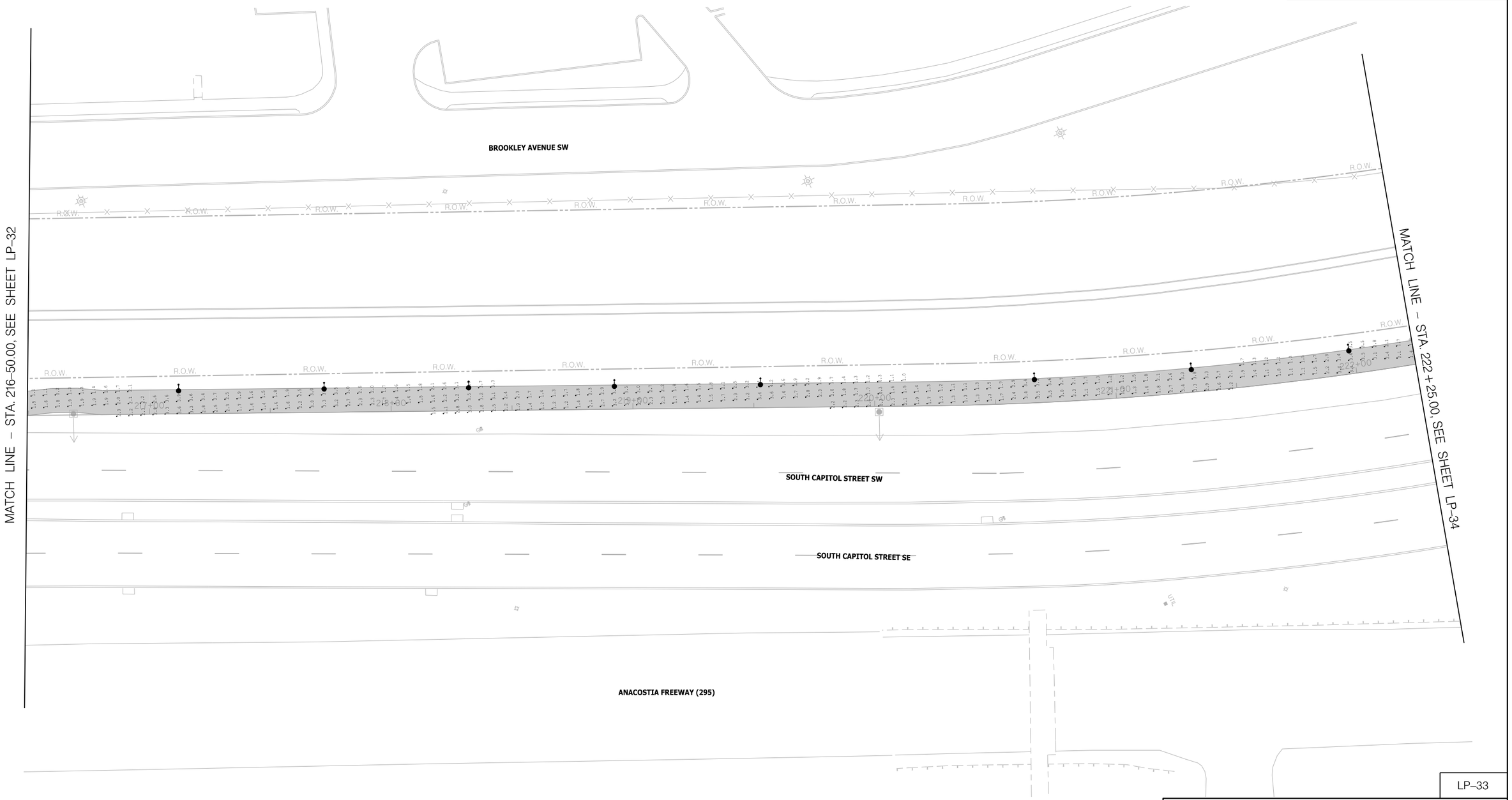
DIVISION CHIEF

DATE

FILE

SHEET 421 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	422	576



20′ 0 20′ 40′

SCALE: 1"=20′

LP–33

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.38	10.7	3.8	2.81

DISTRICT OF COLUMBIA
MARLON D. SMOAK
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

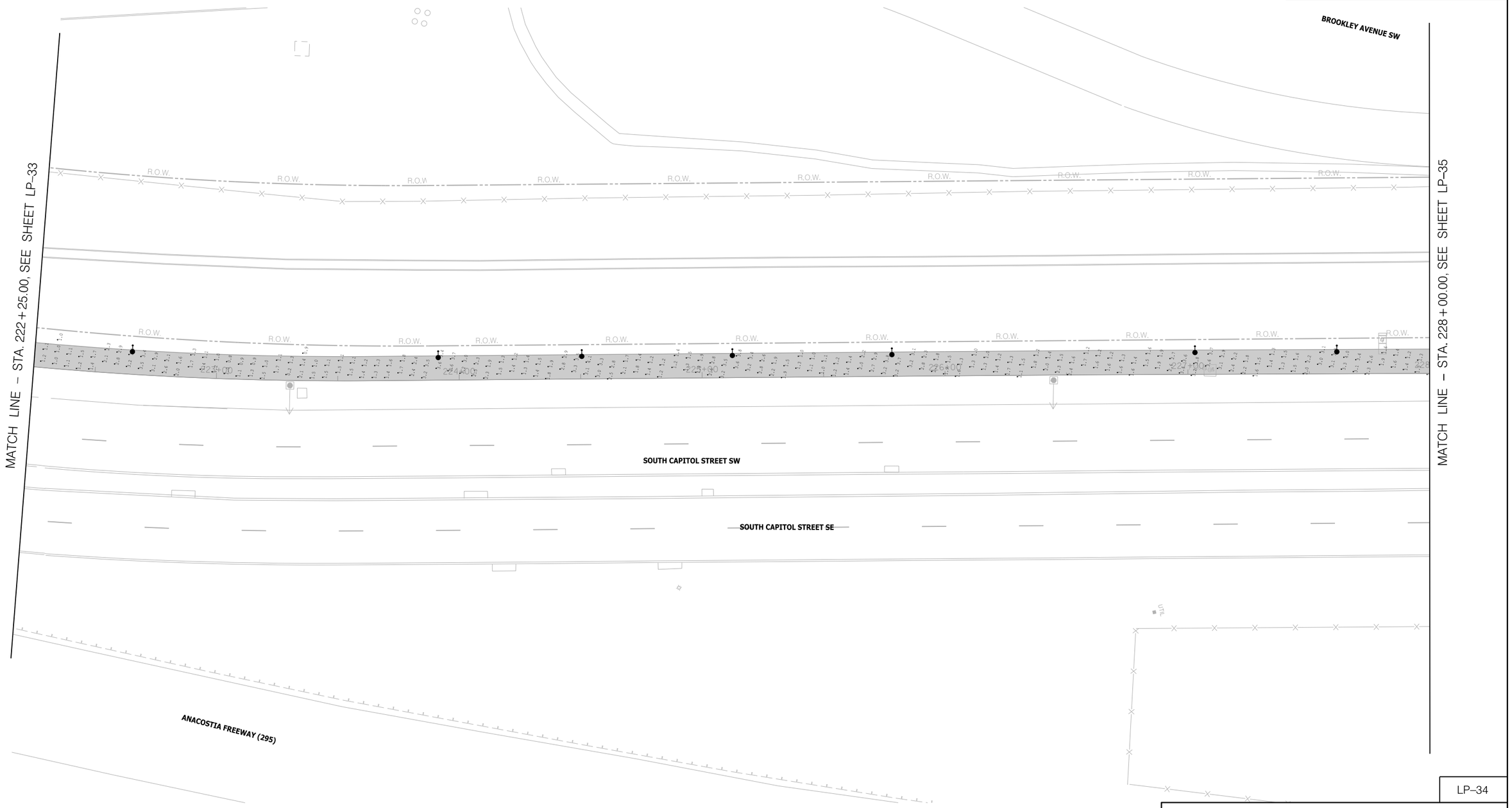
DATE

FILE

SHEET 422 OF 576

pPP-P033_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	423	576



LP–34

20′ 0 20′ 40′
SCALE: 1"=20′

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.38	10.7	3.8	2.81

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

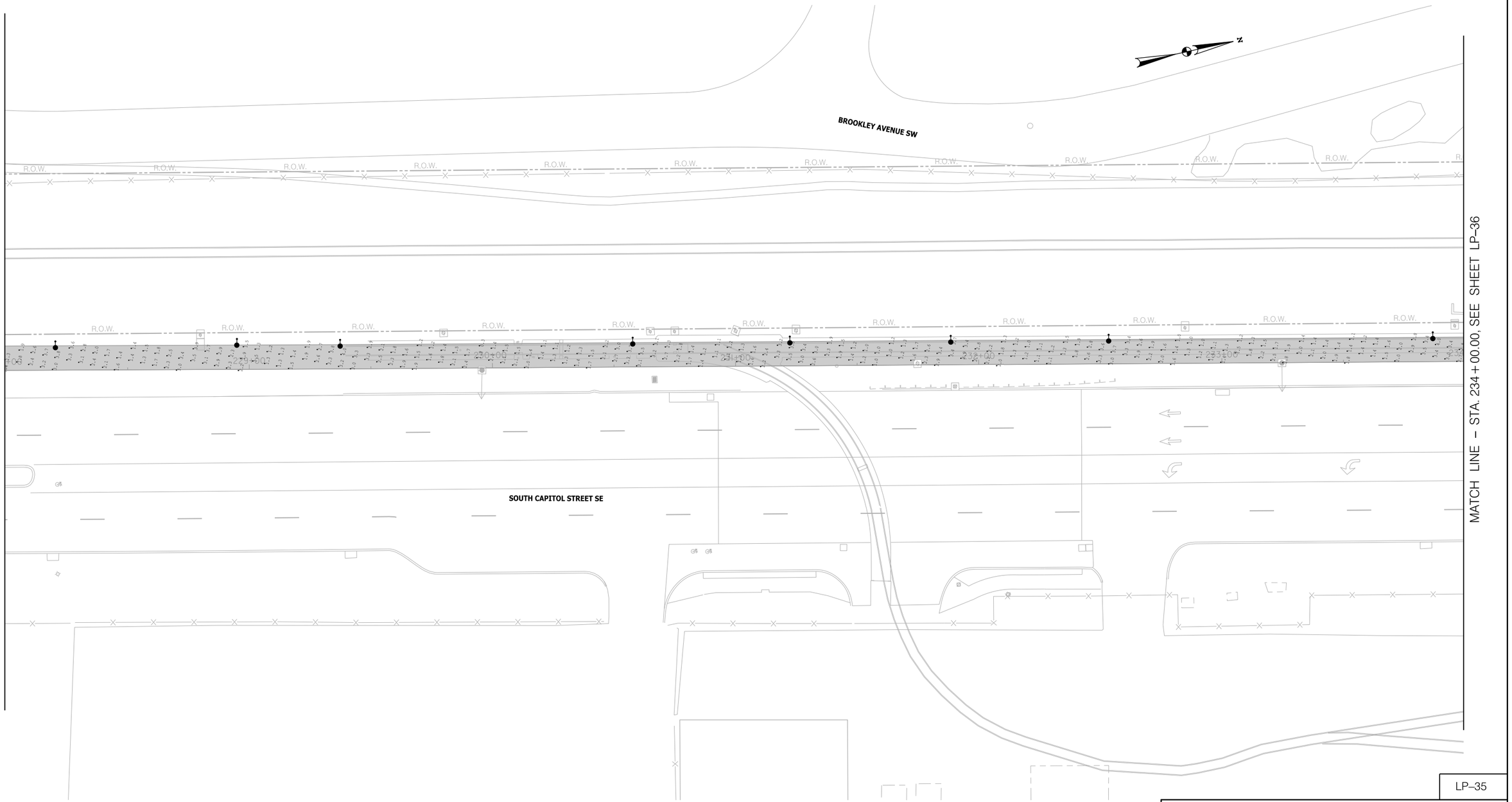
PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 423 OF 576

pPP-P034_SCStrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	424	576



20′ 0 20′ 40′

SCALE: 1"=20′

LP–35

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.38	10.7	3.8	2.81

DISTRICT OF COLUMBIA
KAMILON G. SMOAK
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

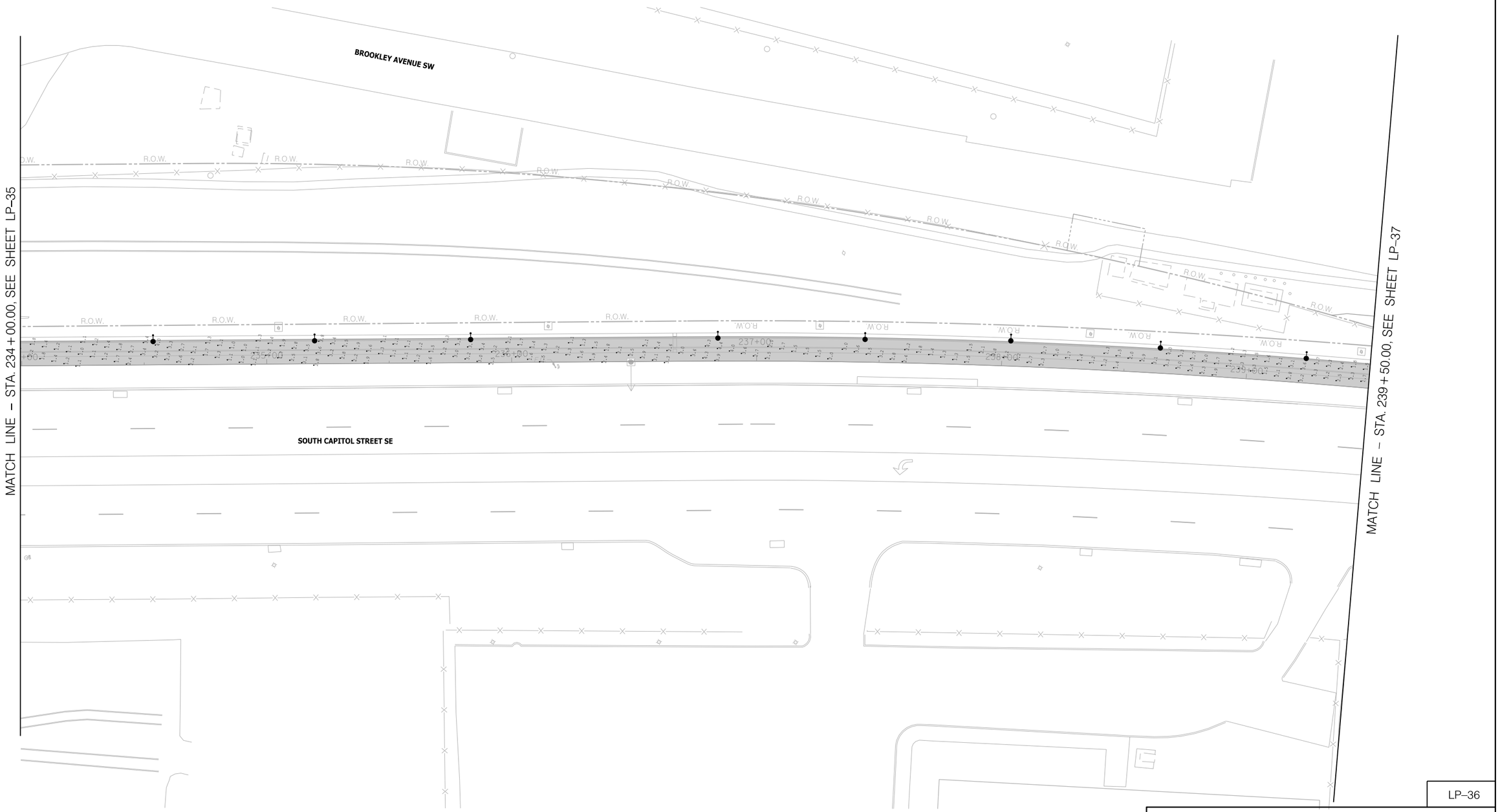
DATE

FILE

SHEET 424 OF 576

pPP-P035_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	425	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.38	10.7	3.8	2.81

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

LP–36

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

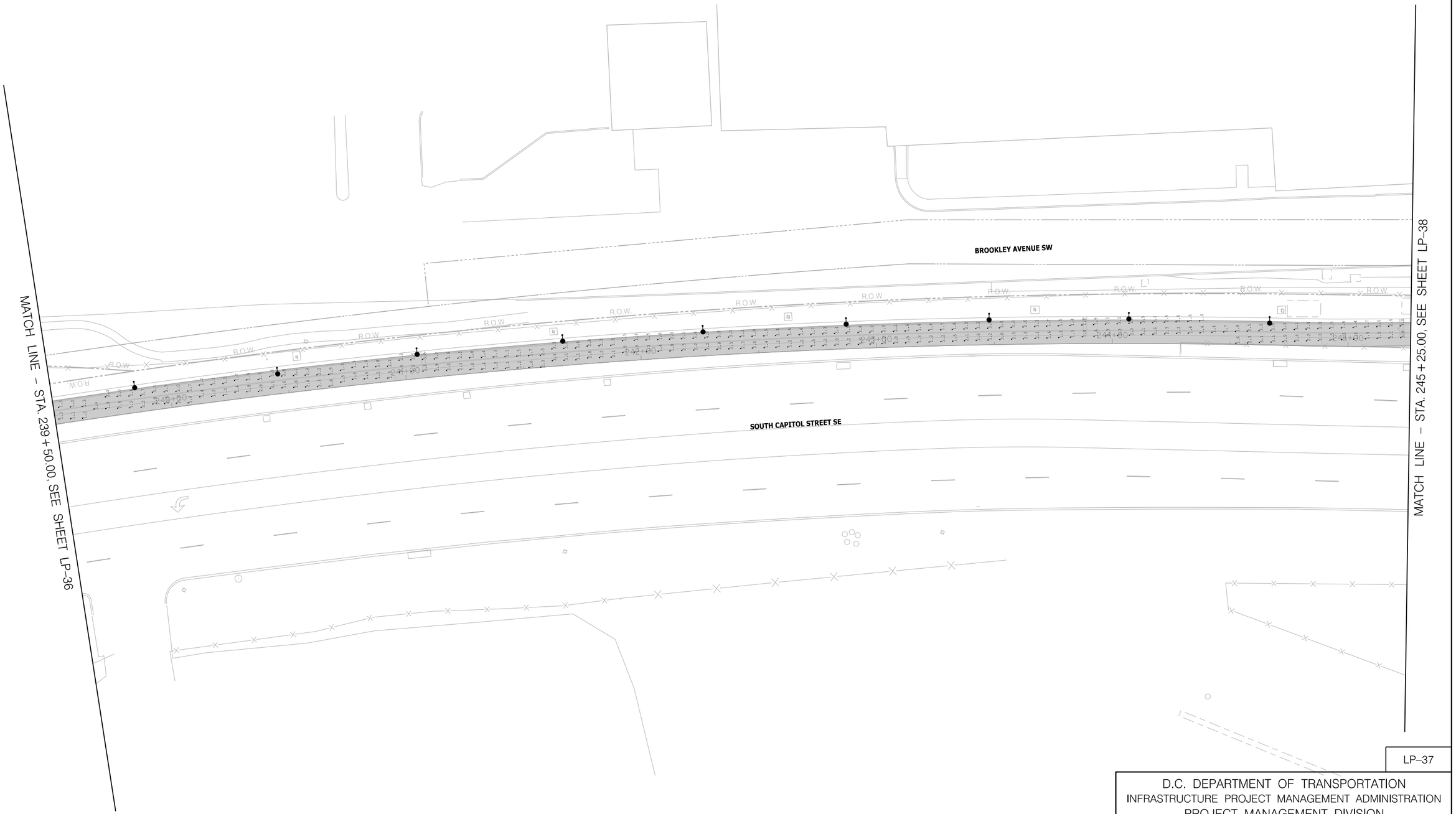
PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 425 OF 576

pPP-P036_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	426	576



CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.38	10.7	3.8	2.81

20' 0 20' 40'

SCALE: 1"=20'

DISTRICT OF COLUMBIA
DARIN O. SIMONS
NO. PE901700
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

LP–37

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

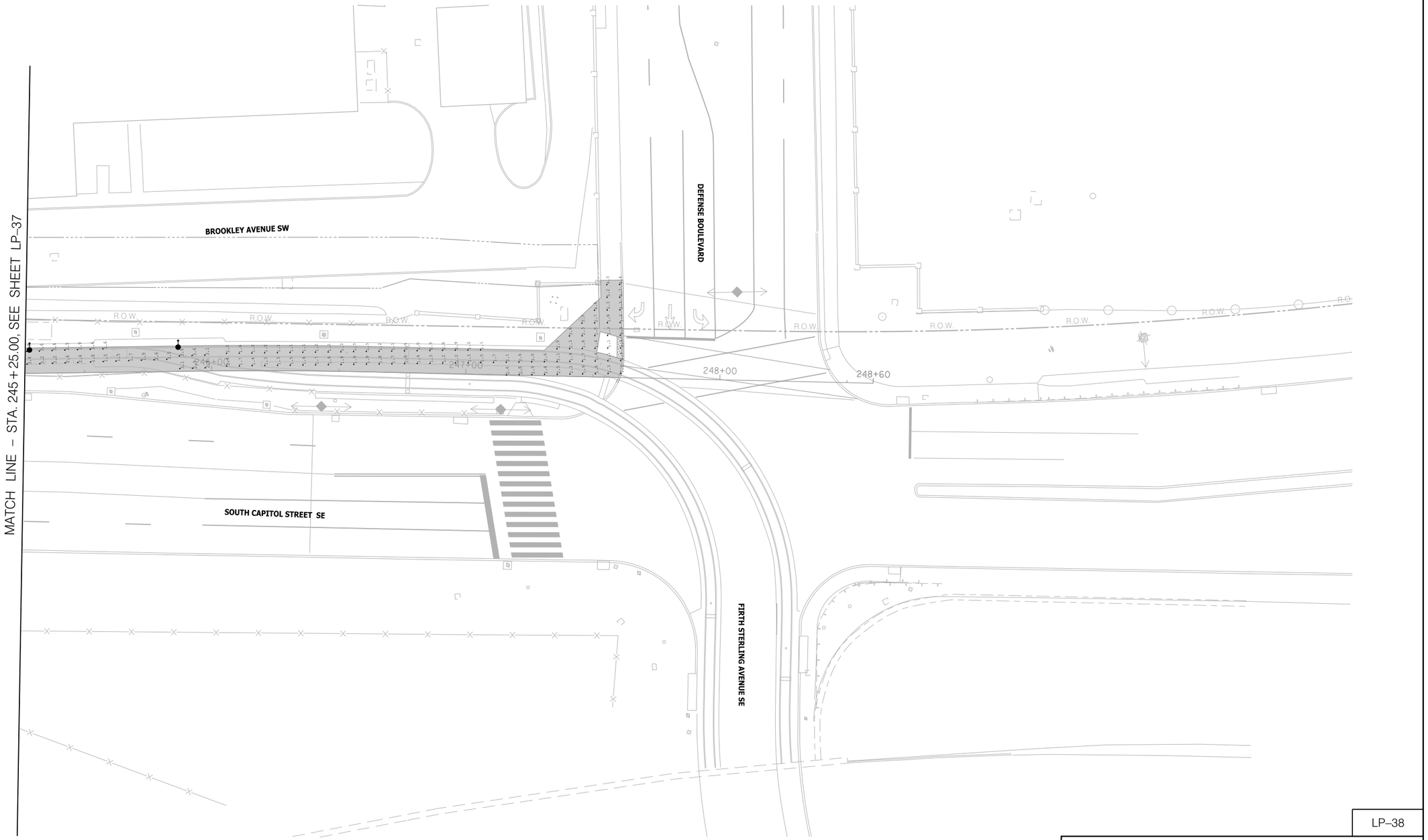
DATE

FILE

SHEET 426 OF 576

pPP-P037_SCSTr-ali.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	427	576



LP–38

20′ 0 20′ 40′
SCALE: 1"=20′

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	MAX/MIN
ILLUMINATION VALUE	ILLUMINANCE	Fc	2.38	10.7	3.8	2.81

DISTRICT OF COLUMBIA
SHARLON D. SHORTER
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

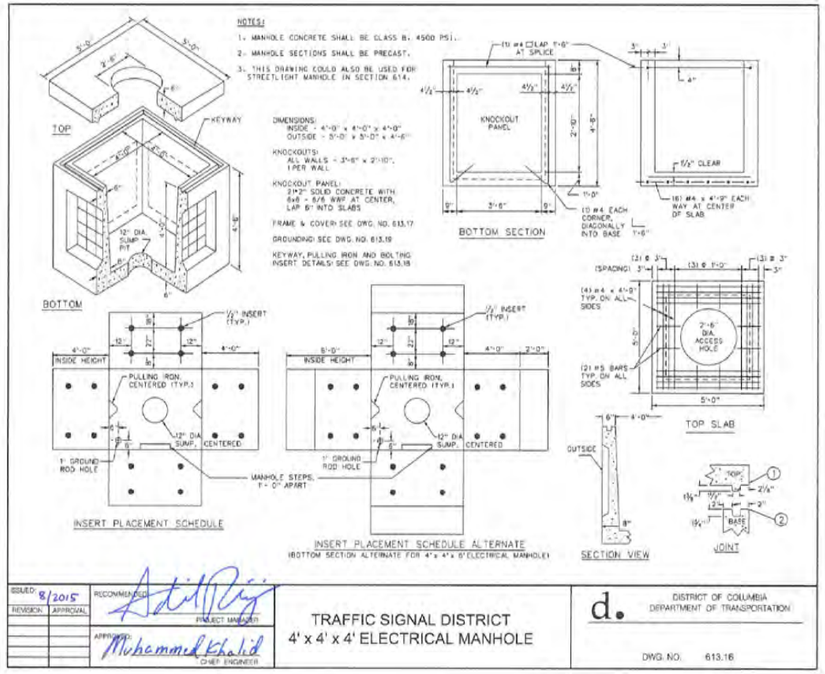
PROPOSED LIGHTING PHOTOMETRICS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 427 OF 576

pPP-P038_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	428	576

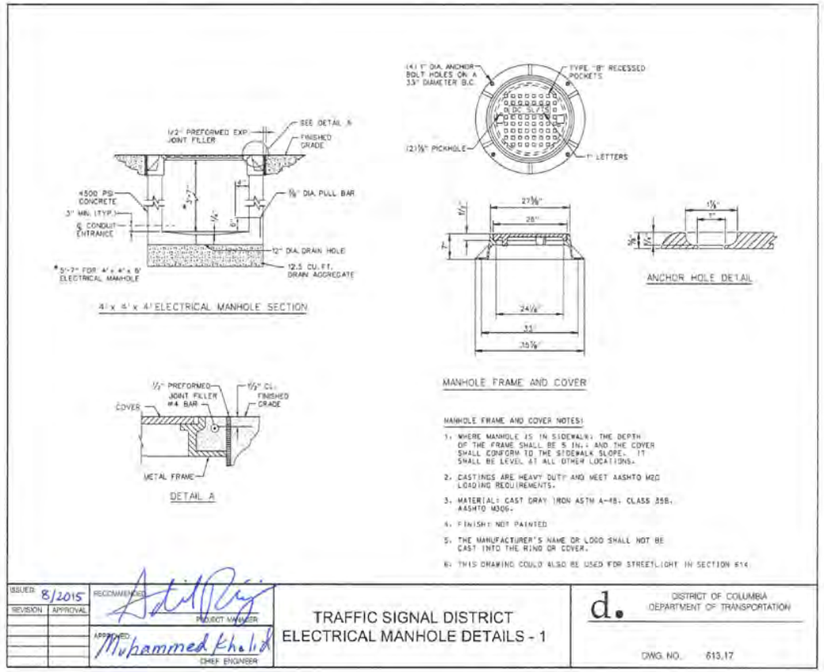


ISSUED: 8/2015
REVISION | APPROVAL
RECOMMENDED: PROJECT MANAGER
APPROVED: Muhammed Khalid CHIEF ENGINEER

TRAFFIC SIGNAL DISTRICT
4' x 4' x 4' ELECTRICAL MANHOLE

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.16



MANHOLE FRAME AND COVER NOTES:

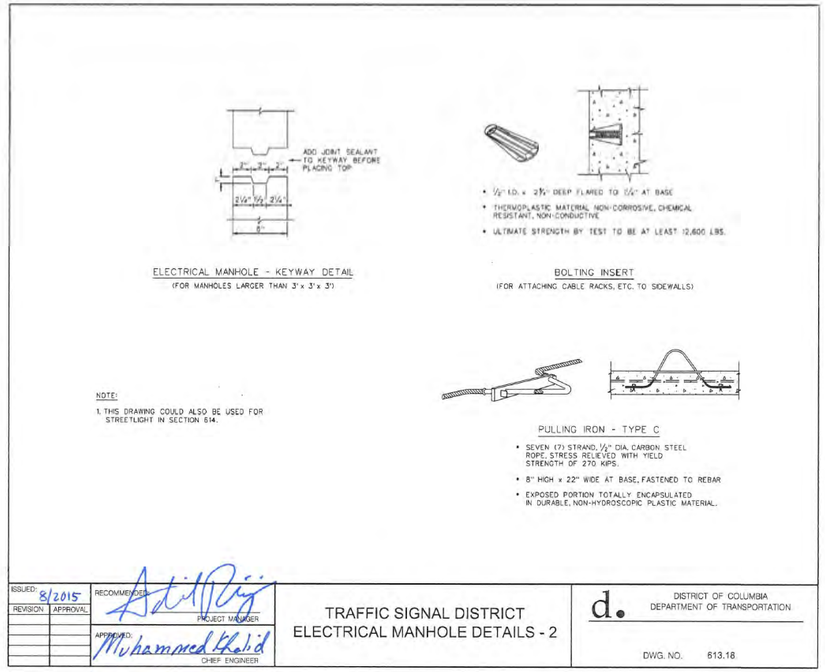
1. WHERE MANHOLE IS IN SIDEWALK, THE DEPTH OF THE FRAME SHALL BE 5 IN., AND THE COVER SHALL CONFORM TO THE SIDEWALK SLOPE. IT SHALL BE LEVEL AT ALL OTHER LOCATIONS.
2. CASTINGS ARE HEAVY DUTY AND MEET AASHTO M20 LOADING REQUIREMENTS.
3. MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B, AASHTO M306.
4. FINISH: NOT PAINTED
5. THE MANUFACTURER'S NAME OR LOGO SHALL NOT BE CAST INTO THE RING OR COVER.
6. THIS DRAWING COULD ALSO BE USED FOR STREETLIGHT IN SECTION 614.

ISSUED: 8/2015
REVISION | APPROVAL
RECOMMENDED: PROJECT MANAGER
APPROVED: Muhammed Khalid CHIEF ENGINEER

TRAFFIC SIGNAL DISTRICT
ELECTRICAL MANHOLE DETAILS - 1

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.17

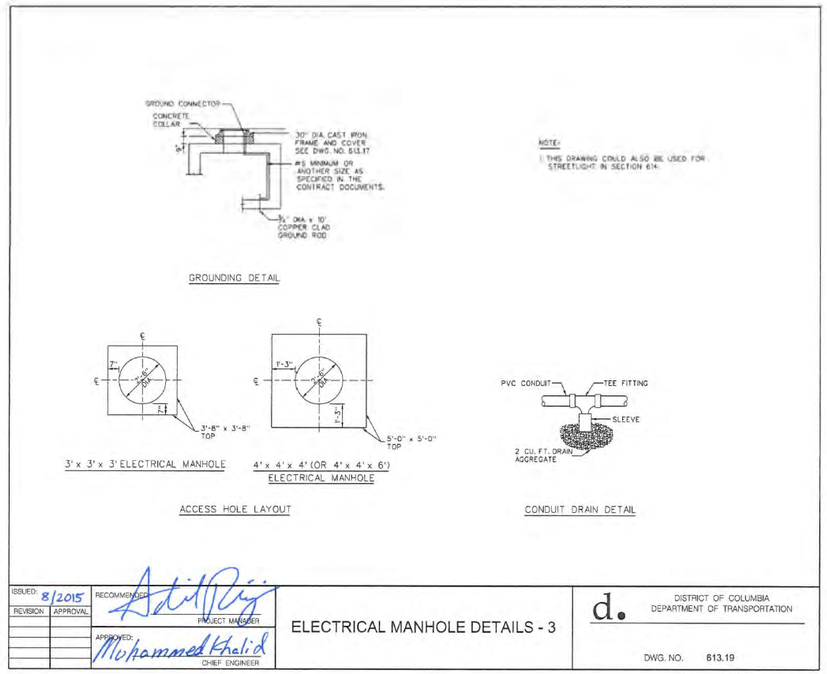


ISSUED: 8/2015
REVISION | APPROVAL
RECOMMENDED: PROJECT MANAGER
APPROVED: Muhammed Khalid CHIEF ENGINEER

TRAFFIC SIGNAL DISTRICT
ELECTRICAL MANHOLE DETAILS - 2

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.18



ISSUED: 8/2015
REVISION | APPROVAL
RECOMMENDED: PROJECT MANAGER
APPROVED: Muhammed Khalid CHIEF ENGINEER

ELECTRICAL MANHOLE DETAILS - 3

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.19

D–1

DISTRICT OF COLUMBIA
CARLOS D. SIMONS
NO. PE904706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

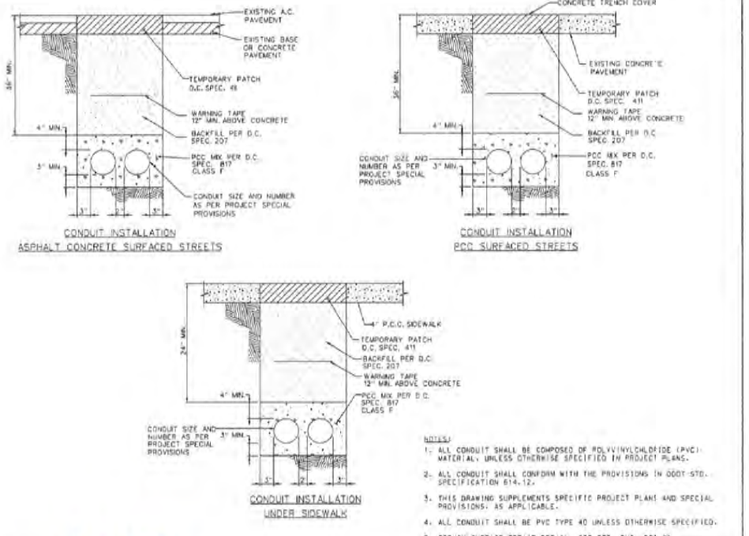
LIGHTING DETAILS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 428 OF 576

DLT-D001_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	429	576



CONDUIT INSTALLATION
ASPHALT CONCRETE SURFACED STREETS

CONDUIT INSTALLATION
PCC SURFACED STREETS

CONDUIT INSTALLATION
UNDER SIDEWALK

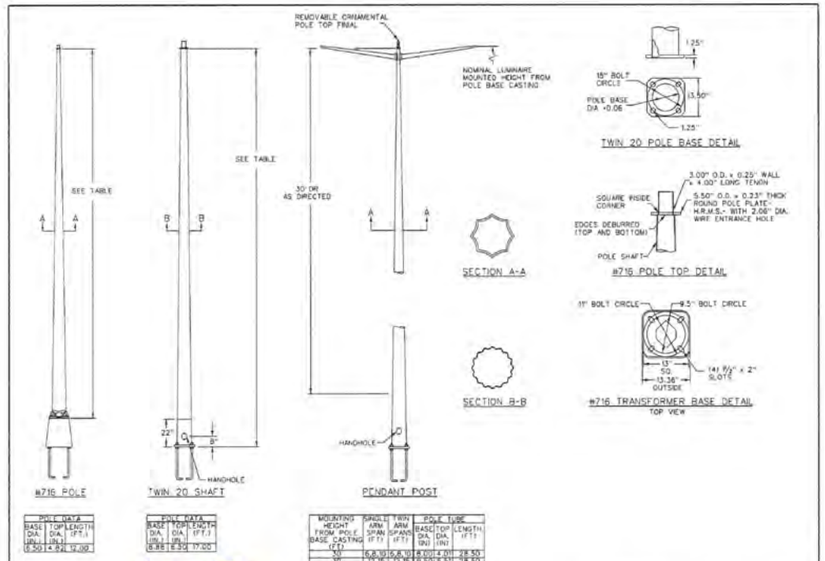
NOTES:
1. ALL CONDUIT SHALL BE COMPOSED OF POLYVINYLCHLORIDE (PVC) MATERIAL, UNLESS OTHERWISE SPECIFIED IN PROJECT PLANS.
2. ALL CONDUIT SHALL CONFORM WITH THE PROVISIONS IN DDOT STD. SPECIFICATION 614.12.
3. THIS DRAWING SUPPLEMENTS SPECIFIC PROJECT PLANS AND SPECIAL PROVISIONS, AS APPLICABLE.
4. ALL CONDUIT SHALL BE PVC TYPE 40 UNLESS OTHERWISE SPECIFIED.
5. TRENCH SURFACE REPAIR DETAIL, SEE STD. DWG. 201.01.
6. THIS DRAWING COULD ALSO BE USED FOR STREETLIGHT IN SECTION 614.

ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Muhammed Khalid, CHIEF ENGINEER

ELECTRICAL CONDUIT INSTALLATION DETAILS

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.26



POLE DATA			
BASE DIA.	TOP DIA.	LENGTH (FT.)	
(IN.)	(IN.)		
6.50	4.62	12.00	

POLE DATA			
BASE DIA. (IN.)	TOP DIA. (IN.)	LENGTH (FT.)	
8.86	6.50	17.00	

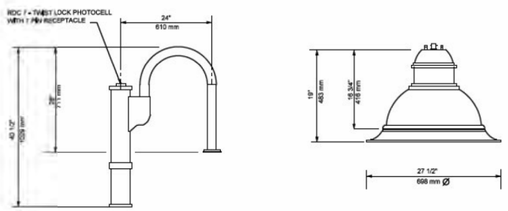
MOUNTING HEIGHT FROM POLE BASE CASTING (FT.)	SINGLE ARM SPAN (FT.)	TWIN ARM SPANS (FT.)	POLE TUBE BASE DIA. (IN.)	TOP DIA. (IN.)	LENGTH (FT.)
30	6.8	10	6.00	4.01	28.50
30	10	16	8.00	5.51	28.50

ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Muhammed Khalid, CHIEF ENGINEER

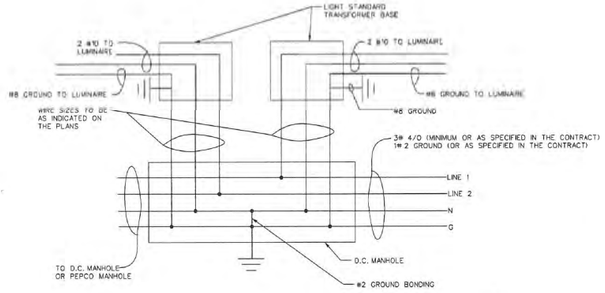
STREETLIGHT ANCHOR-MOUNTED POLES

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 614.13



LED FIXTURE AND ARM DETAILS
NTS



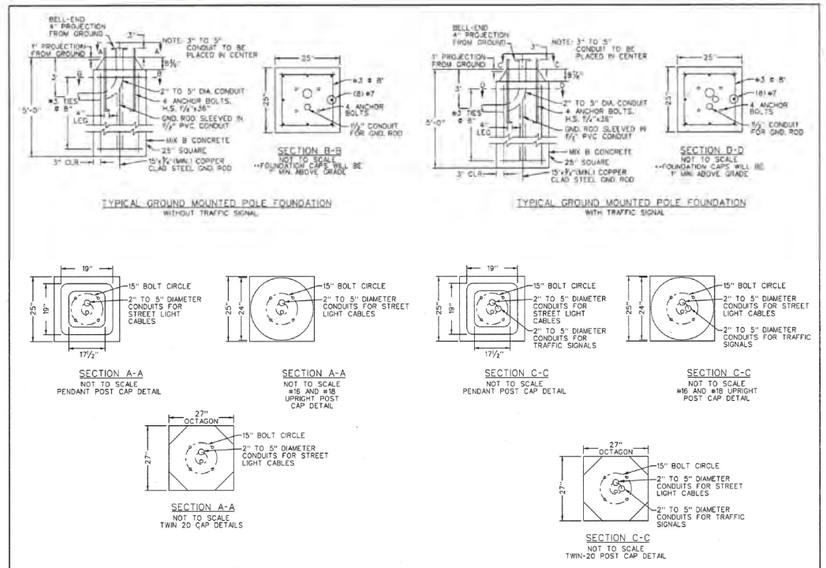
TYPICAL CABLE INSTALLATION
NOT TO SCALE

ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Muhammed Khalid, CHIEF ENGINEER

STREETLIGHT CABLE INSTALLATION

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 614.03



ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Muhammed Khalid, CHIEF ENGINEER

STREETLIGHT FOUNDATIONS CAP DETAILS

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 614.04

DISTRICT OF COLUMBIA
MARION D. SNOW
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D–2

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING DETAILS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

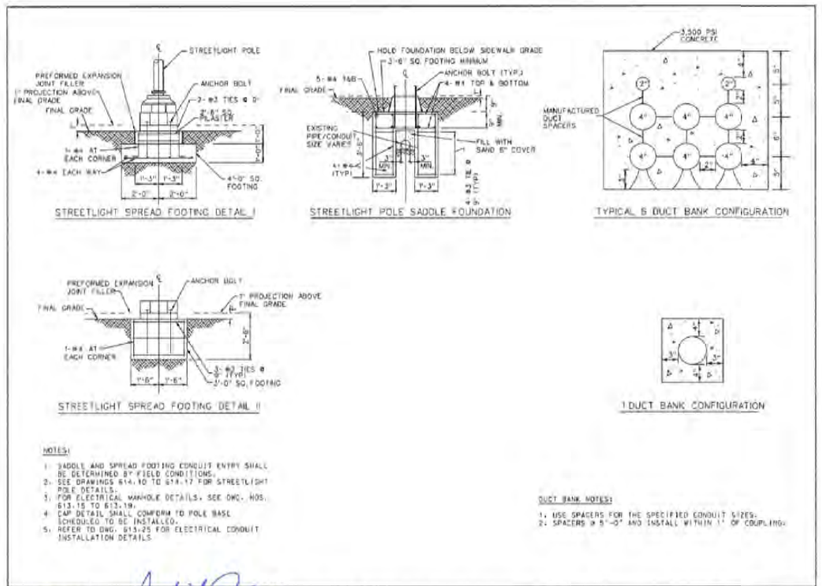
DATE

FILE

SHEET 429 OF 576

p:\1-D002_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	430	576



STREETLIGHT SPREAD FOOTING DETAIL I

STREETLIGHT POLE SADDLE FOUNDATION

TYPICAL 6 DUCT BANK CONFIGURATION

STREETLIGHT SPREAD FOOTING DETAIL II

1 DUCT BANK CONFIGURATION

NOTES:

1. SADDLE AND SPREAD FOOTING CONDUIT ENTRY SHALL BE DETERMINED BY FIELD CONDITIONS.
2. SEE DRAWINGS 614.10 TO 614.17 FOR STREETLIGHT POLE DETAILS.
3. FOR ELECTRICAL MANHOLE DETAILS, SEE DWG. NOS. 613.15 TO 613.19.
4. CAP DETAIL SHALL CONFORM TO POLE BASE SCHEDULED TO BE INSTALLED.
5. REFER TO DWG. 613.25 FOR ELECTRICAL CONDUIT INSTALLATION DETAILS.

DUCT BANK NOTES:

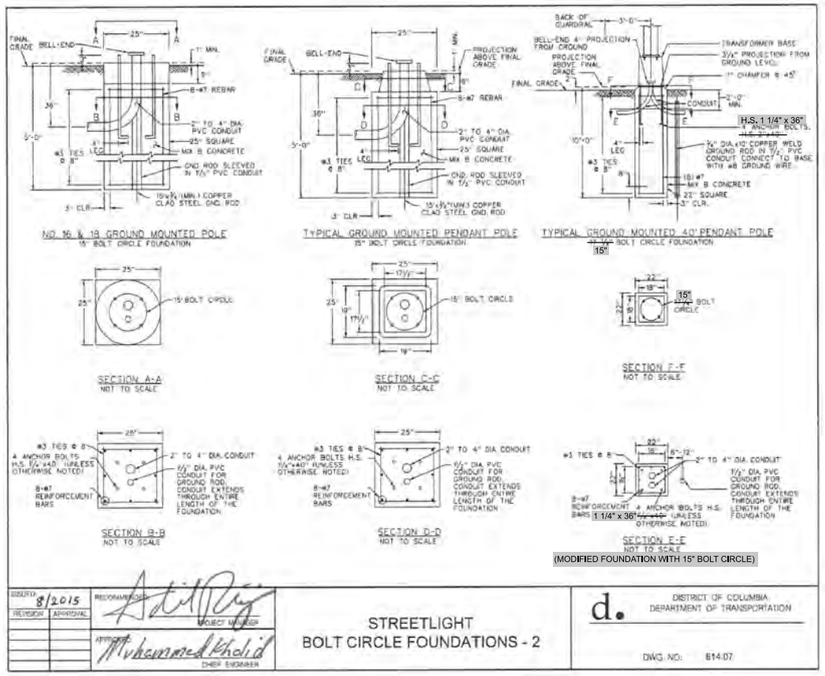
1. USE SPACERS FOR THE SPECIFIED CONDUIT SIZES.
2. SPACERS @ 5'-0" AND INSTALL WITHIN 1' OF COUPLING.

ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Muhammed Khalid, CHIEF ENGINEER

STREETLIGHT FOUNDATIONS AND TYPICAL CONDUIT CONFIGURATION DETAILS

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 614.05



NO. 16 & 18 GROUND MOUNTED POLE
15" BOLT CIRCLE FOUNDATION

TYPICAL GROUND MOUNTED PENDANT POLE
15" BOLT CIRCLE FOUNDATION

TYPICAL GROUND MOUNTED 40' PENDANT POLE
15" BOLT CIRCLE FOUNDATION

SECTION A-A
NOT TO SCALE

SECTION C-C
NOT TO SCALE

SECTION F-F
NOT TO SCALE

SECTION B-B
NOT TO SCALE

SECTION D-D
NOT TO SCALE

SECTION E-E
NOT TO SCALE

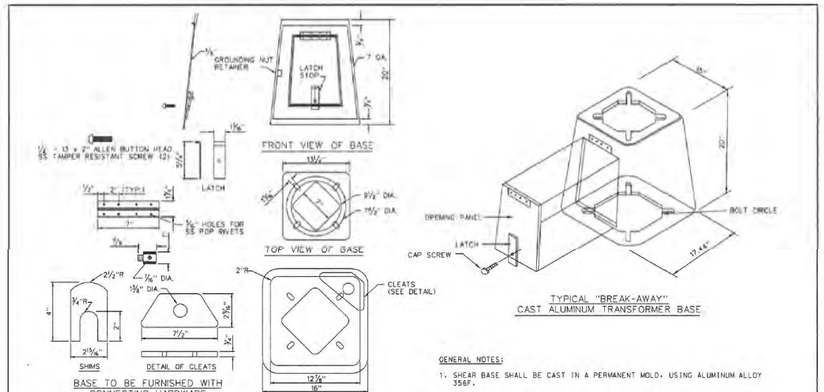
(MODIFIED FOUNDATION WITH 15" BOLT CIRCLE)

ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Muhammed Khalid, CHIEF ENGINEER

STREETLIGHT BOLT CIRCLE FOUNDATIONS - 2

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 614.07



GENERAL NOTES:

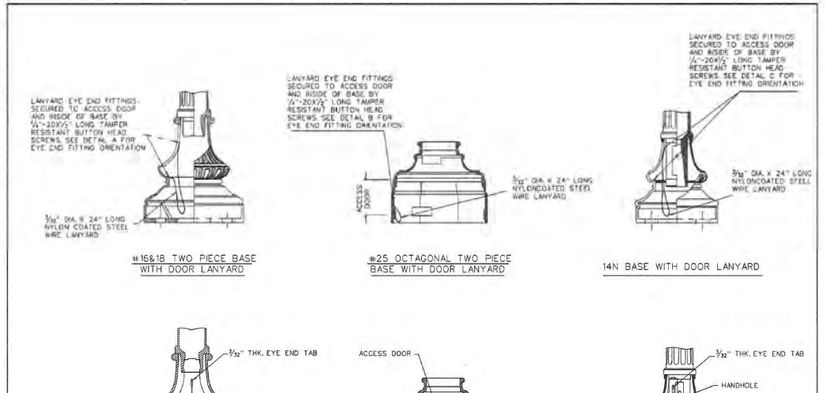
1. SHEAR BASE SHALL BE CAST IN A PERMANENT MOLD, USING ALUMINUM ALLOY 356F.
2. SHEAR BASE SHALL HAVE THE ABILITY TO SHEAR ON IMPACT WHEN STRUCK BY A VEHICLE WEIGHING 1800 LBS. AND TRAVELING AT SPEEDS BETWEEN 20 MPH AND 60 MPH.
3. WASHERS SHALL BE USED NEXT TO THE CASTING. WASHER SIZE FOR BASE SHOWN IS 2¼" x ½", BOTH TOP AND BOTTOM BOLTS.
4. DESIGNED IN ACCORDANCE WITH THE LATEST AASHTO STANDARD SPECIFICATION FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS.
5. BASE COMMONLY USED FOR STANDARD HEIGHT STREETLIGHT POLES OF THE PENDANT ARM TYPE. FOR LOCATIONS EXPOSED TO VEHICULAR COLLISION.
6. WEIGHT OF BASE SHOWN IS 36.8 POUNDS.
7. BREAK-AWAY BASE SHALL BE NCHRP REPORT 350, TL-3, CERTIFIED.
8. FOR ELECTRICAL MANHOLE DETAILS, SEE DWG. NOS. 613.15 TO 613.19.

ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Muhammed Khalid, CHIEF ENGINEER

STREETLIGHT TRANSFORMER BASE DETAILS

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 614.08



ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Muhammed Khalid, CHIEF ENGINEER

STREETLIGHT BASE WITH DOOR LANYARD

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 614.09

D–3

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE904706
3-31-2026
REGISTERED PROFESSIONAL ENGINEER

pLT-D003_SCSTrail.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING DETAILS

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

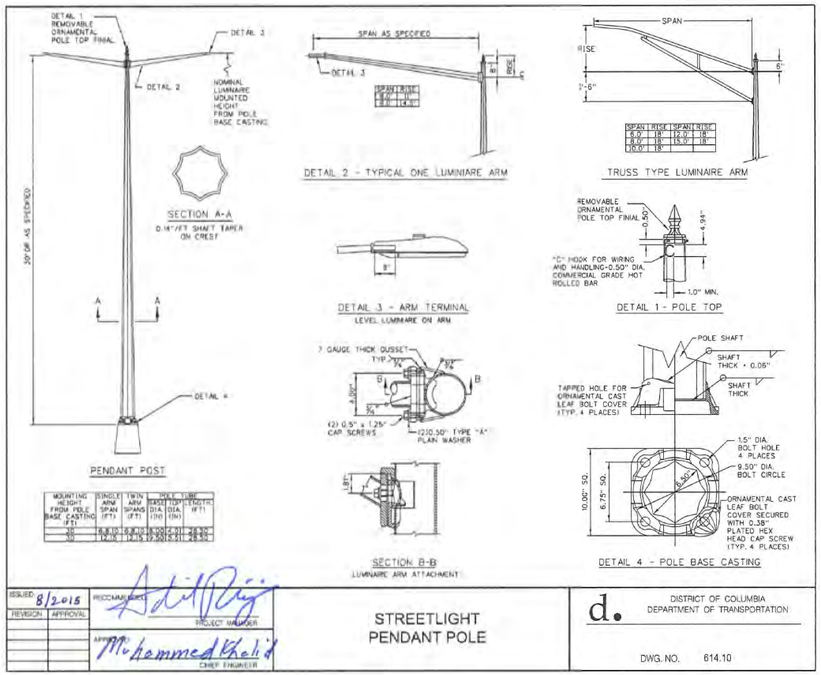
DIVISION CHIEF

DATE

FILE

SHEET 430 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	431	576



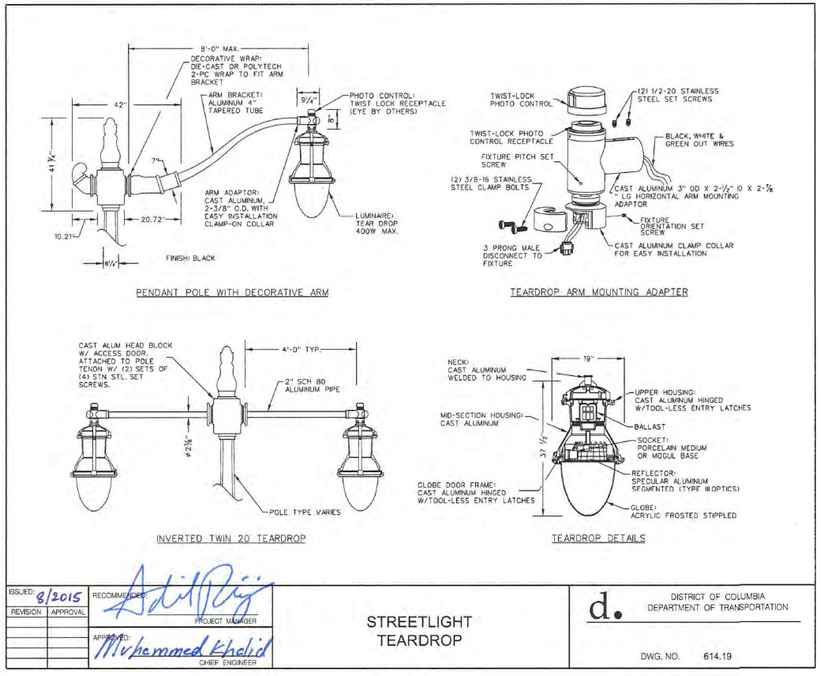
MOUNTING HEIGHT FROM POLE BASE CASTING (FT)	SINGLE ARM SPAN (FT)	TWIN ARM SPANS (FT)	POLE TUBE BASE DIA. (IN)	POLE TUBE TOP DIA. (IN)	POLE TUBE LENGTH (FT)
30	6 & 10	6 & 10	12.00	6.00	34.50
40	10 & 12	10 & 12	15.00	6.00	44.50

ISSUED: 8/2015
REVISION | APPROVAL
RECOMMENDED: PROJECT MANAGER
APPROVED: Mohammed Khalid CHIEF ENGINEER

STREETLIGHT PENDANT POLE

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 614.10



ISSUED: 8/2015
REVISION | APPROVAL
RECOMMENDED: PROJECT MANAGER
APPROVED: Mohammed Khalid CHIEF ENGINEER

STREETLIGHT TEARDROP

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 614.19

D–4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

LIGHTING DETAILS

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY GP
PROJECT MGR. MS

DIVISION CHIEF

DATE
FILE
SHEET 431 OF 576

ch2m TOOLE DESIGN

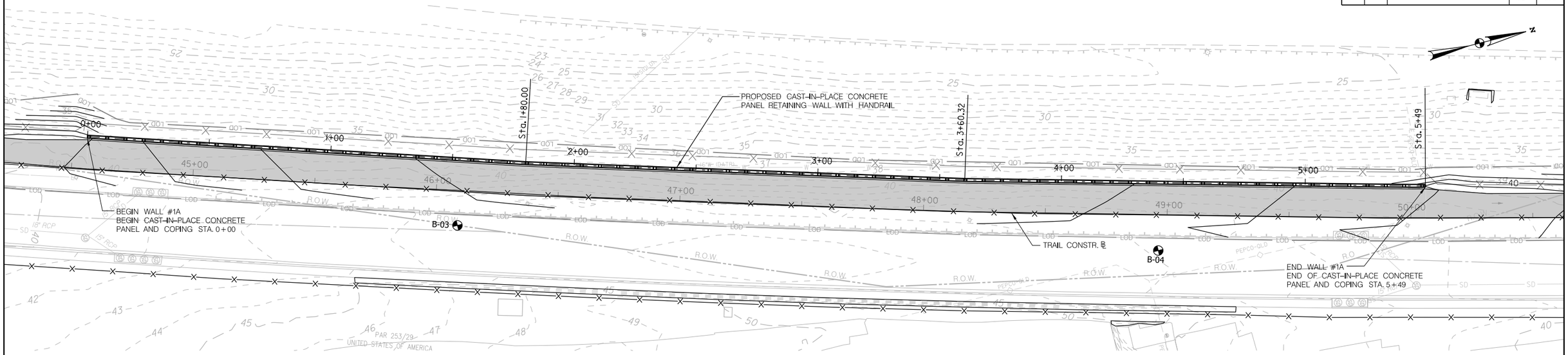
NO.	DESCRIPTION	NAME	DATE

REVISIONS

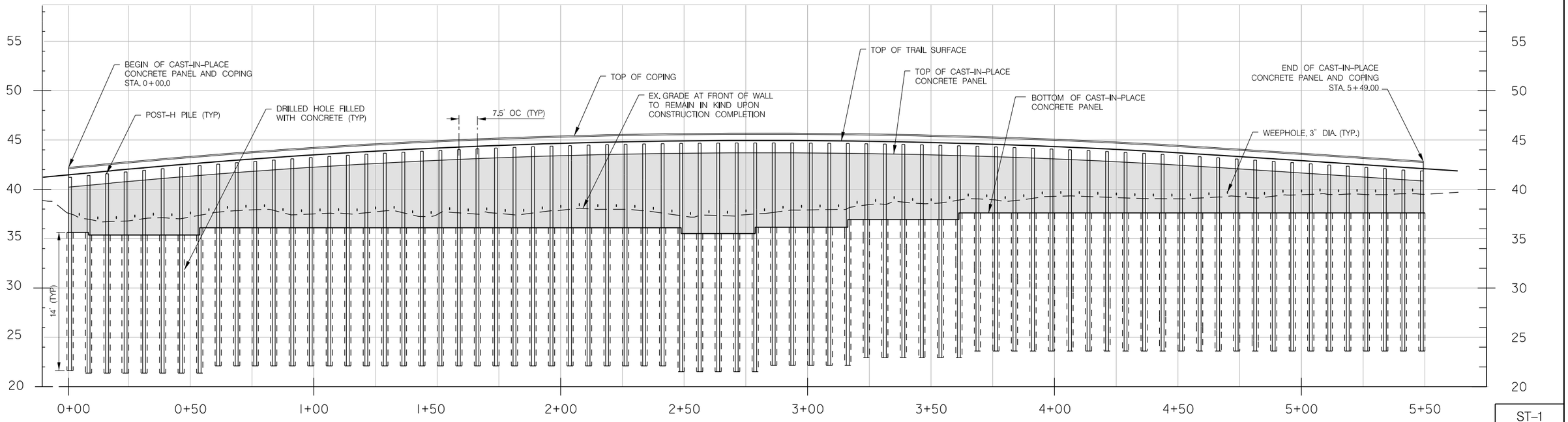
DISTRICT OF COLUMBIA
MARLON G. SMOAK
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pLT-0004_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	432	576



WALL #1A PLAN



WALL #1A PROFILE

ST-1

pST-P001_SCSTrail.dgn
2/24/2026

DISTRICT OF COLUMBIA
STEVEN J. PAULOVICH
No. PE 907957
4-7-2026
CIVIL STRUC
PROFESSIONAL ENGINEER

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1"=5'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

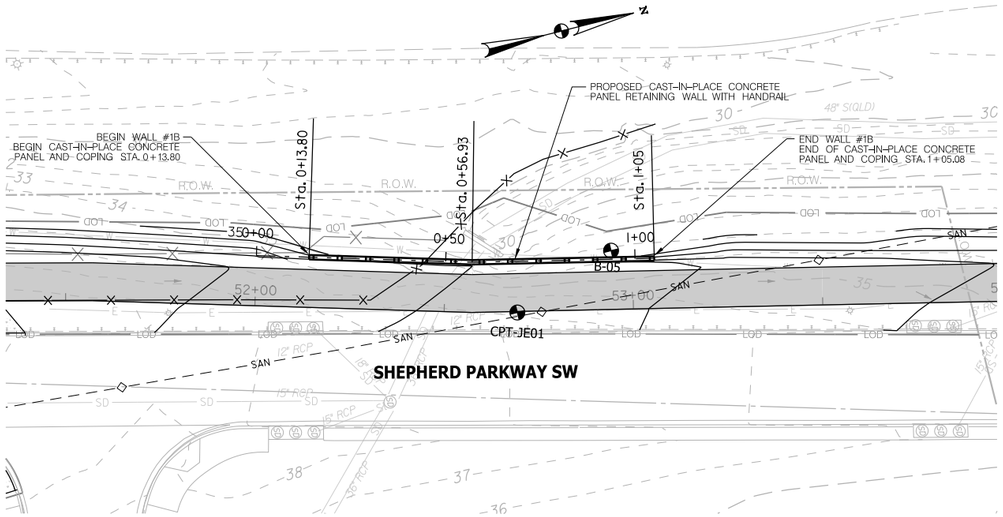
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE
WALL #1A – STA. 0+00 TO 5+50

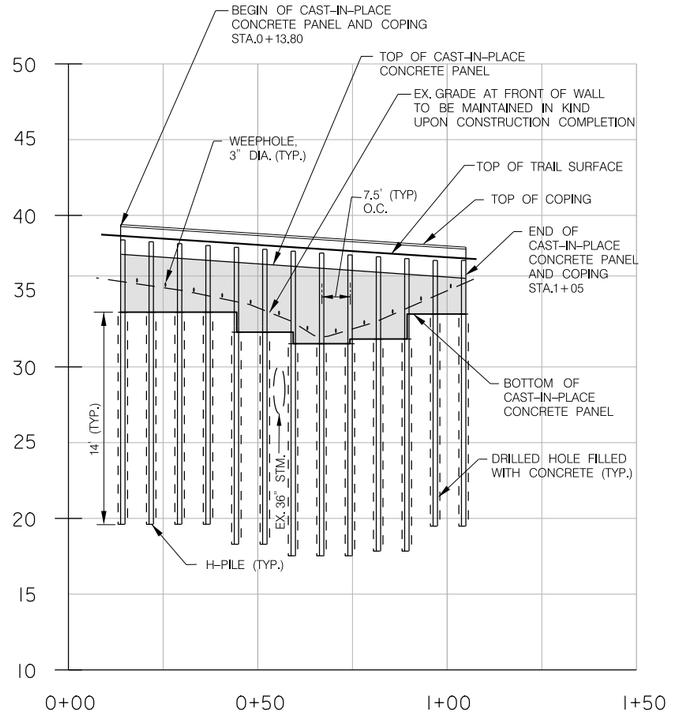
PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 432 OF 576

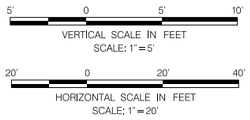
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	433	576



WALL #1B PLAN



WALL #1B PROFILE



NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING STORM RCP NEAR WALL AT STA. 0+55 ±. THE POST PILE DRILL HOLE SHALL BE A MINIMUM 6' CLEAR DISTANCE FROM THE STORM RCP.
2. THE CONTRACTOR SHALL PREPARE A CONSTRUCTION IMPACT REPORT FOR THE WORK ADJACENT TO EXISTING CULVERT FOR REVIEW BY DC WATER.

DISTRICT OF COLUMBIA
STEVEN J. PAULOVICH
No. PE 907957
4-7-2026
CIVIL STRUC
PROFESSIONAL ENGINEER

pST-P002_SCSTr-all.dgn
2/24/2026

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ST–2

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE
WALL #1B – STA. 0+13.80 TO 1+04.90

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

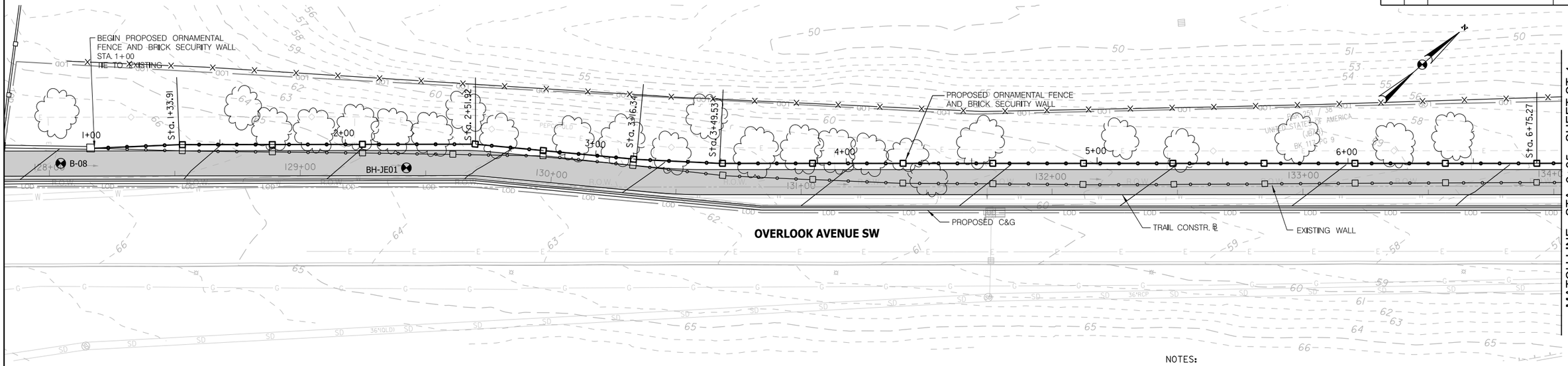
DIVISION CHIEF

DATE

FILE

SHEET 433 OF 576

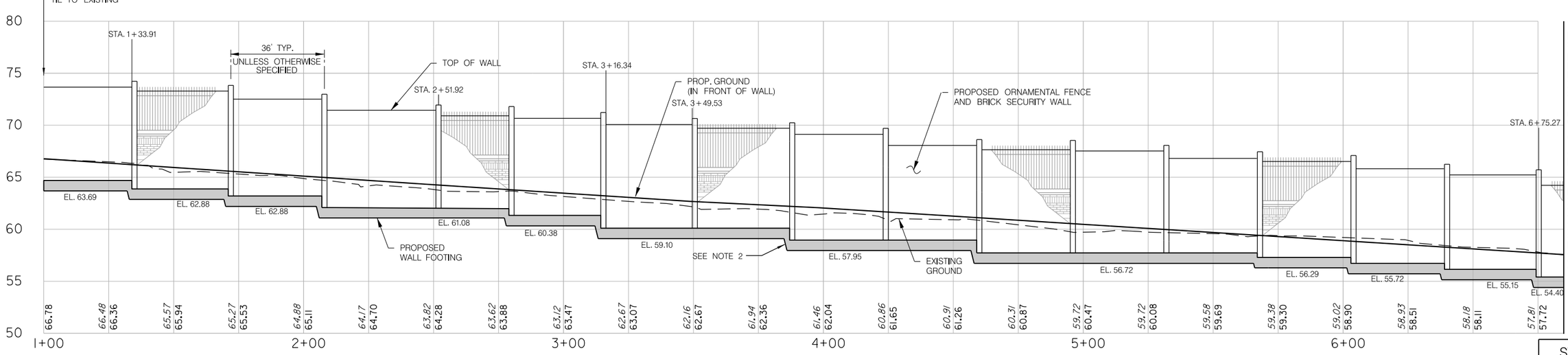
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	434	576



WALL #2 PLAN

NOTES:

1. CONTRACTOR SHALL NOTIFY JBAB BEFORE BEGINNING REMOVAL OF EXISTING WALL.
2. SEE DETAIL ON DWG. ST-11 FOR FOOTING STEP DETAILS.



WALL #2 PROFILE

ST-3

pST-P003_SCSTr-all.dgn
2/24/2026

DISTRICT OF COLUMBIA
STEVEN J. PAULOVICH
No. PE 907957
4-7-2026
CIVIL STRUC
PROFESSIONAL ENGINEER

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1" = 5'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1" = 20'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

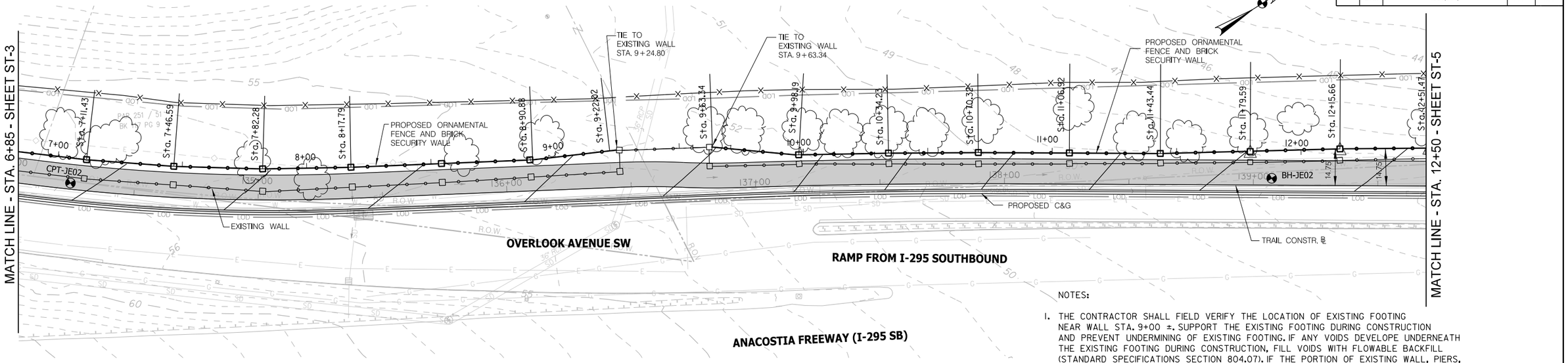
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE
WALL #2 – STA. 1+00 TO 6+85

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 434 OF 576

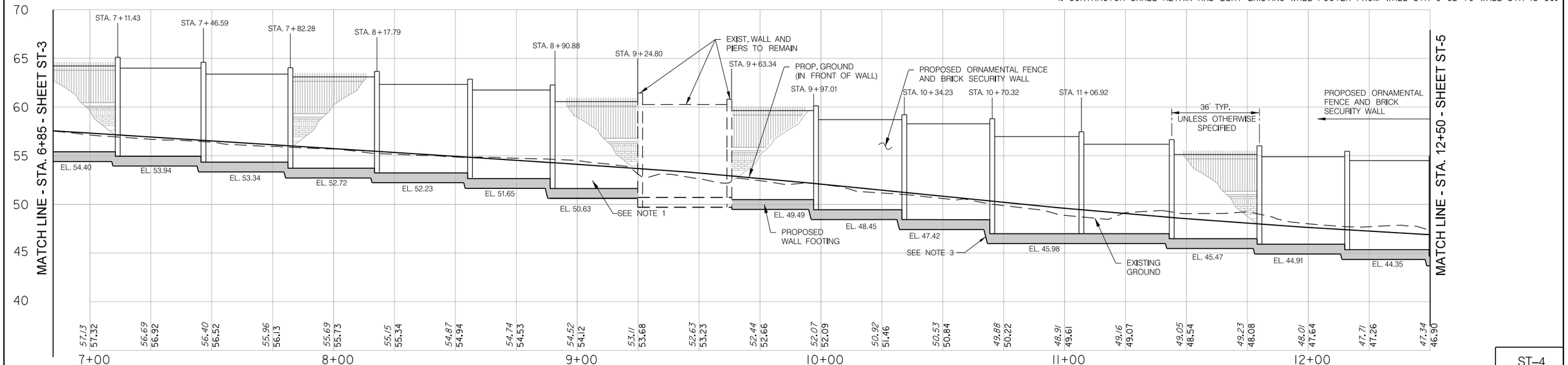
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	435	576



WALL #2 PLAN

NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING FOOTING NEAR WALL STA. 9+00 ±. SUPPORT THE EXISTING FOOTING DURING CONSTRUCTION AND PREVENT UNDERMINING OF EXISTING FOOTING. IF ANY VOIDS DEVELOPE UNDERNEATH THE EXISTING FOOTING DURING CONSTRUCTION, FILL VOIDS WITH FLOWABLE BACKFILL (STANDARD SPECIFICATIONS SECTION 804.07). IF THE PORTION OF EXISTING WALL, PIERS, AND FOOTING TO REMAIN IS DAMAGED DURING CONSTRUCTION, REPAIR OR REPLACE TO THE SATISFACTION OF DDOT.
2. CONTRACTOR SHALL NOTIFY JBAB BEFORE BEGINNING REMOVAL OF EXISTING WALL.
3. SEE DETAIL ON DWG. ST-11 FOR FOOTING STEP DETAILS.
4. CONTRACTOR SHALL RETAIN AND BURY EXISTING WALL FOOTER FROM WALL STA 9+62 TO WALL STA 13+80.



WALL #2 PROFILE

ST-4

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1"=5'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
STEVEN J. PAULOVICH
No. PE 907957
4-7-2026
CIVIL STRUC
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

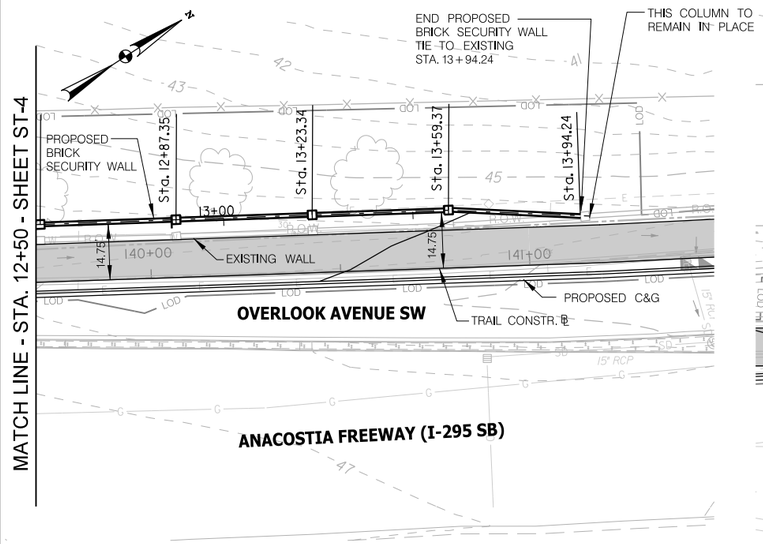
PLAN AND PROFILE
WALL #2 – STA. 6+85 TO 12+50

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

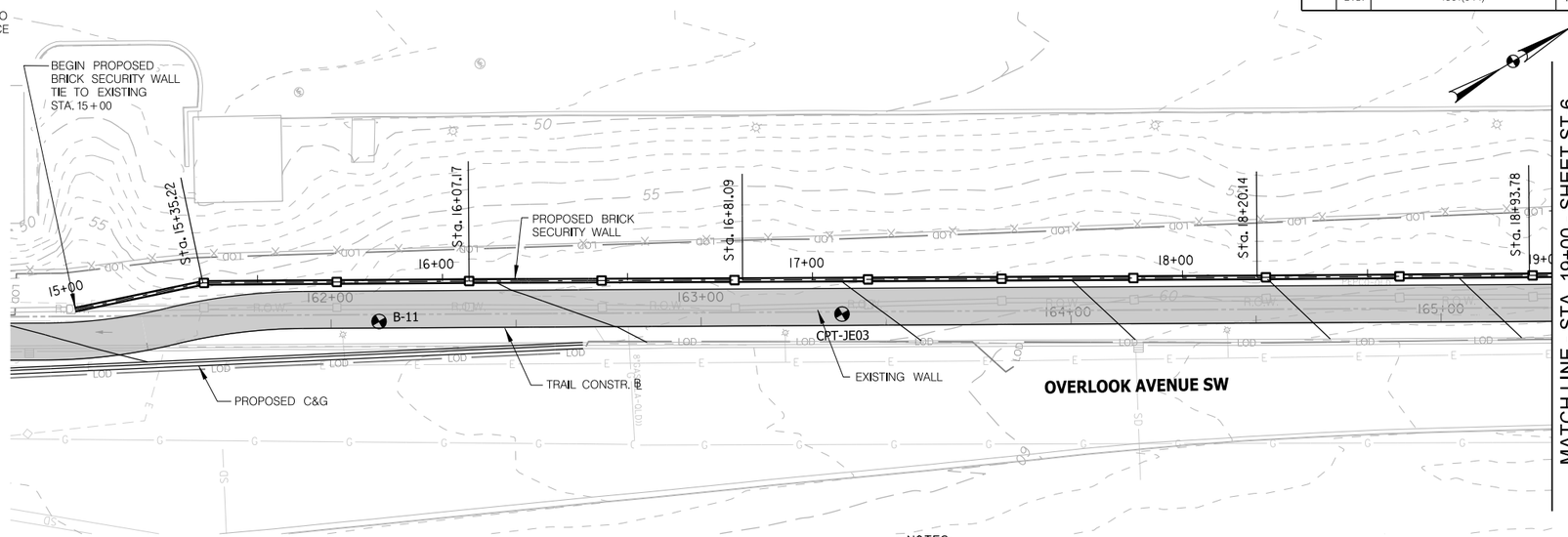
DIVISION CHIEF
DATE
FILE
SHEET 435 OF 576

pST-P004_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	436	576



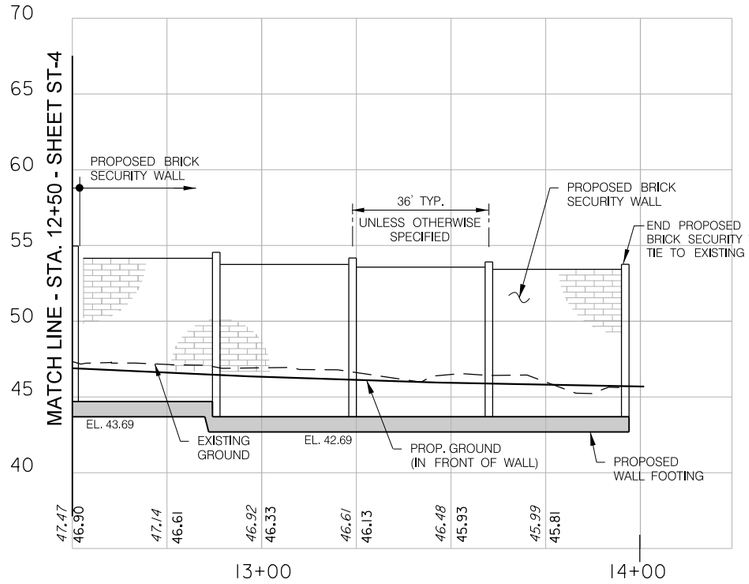
WALL #2 PLAN



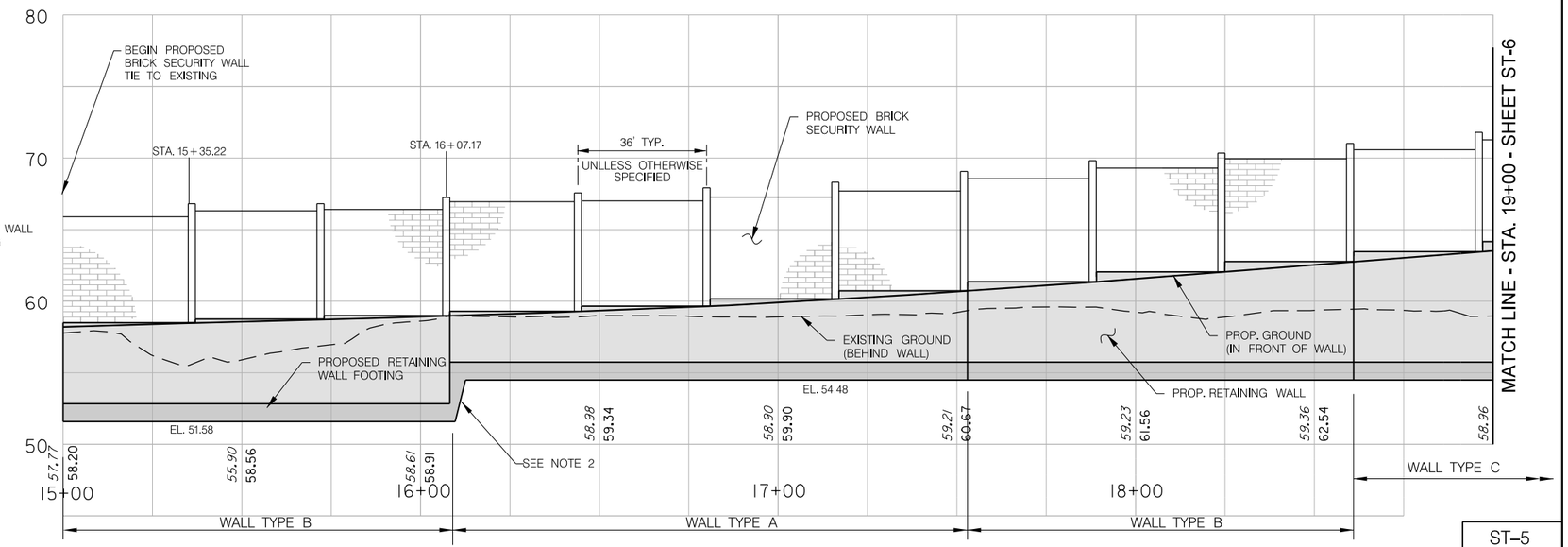
WALL #3 PLAN

NOTES:

1. CONTRACTOR SHALL NOTIFY JBAB BEFORE BEGINNING REMOVAL OF EXISTING WALL.
2. SEE DETAIL ON DWG. ST-11 FOR FOOTING STEP DETAILS.
3. CONTRACTOR SHALL RETAIN AND BURY EXISTING WALL FOOTER FROM WALL 9+63 TO WALL STA 13+80.



WALL #2 PROFILE



WALL #3 PROFILE

NOTE:
1) DURING THE CONSULTANT'S SITE VISIT, THE LOCATION OF CHAIN LINK FENCE AT JBAB FACILITY FROM STA. 164+85 TO STA. 171+40 WERE INCONSISTENT WITH THE SURVEY. THE FENCE LAYOUT BETWEEN THE ABOVE STATIONS IS APPROXIMATED BASED ON THE AERIAL IMAGERY. IT IS RECOMMENDED THE CONTRACTOR PERFORM THE TOPO SURVEY TO IDENTIFY THE CORRECT FENCE LAYOUT AT THIS STATION LIMITS.

DISTRICT OF COLUMBIA
STEVEN J. PAULOVICH
No. PE 907957
4-7-2026
CIVIL STRUC
PROFESSIONAL ENGINEER

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1"=5'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ST-5

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

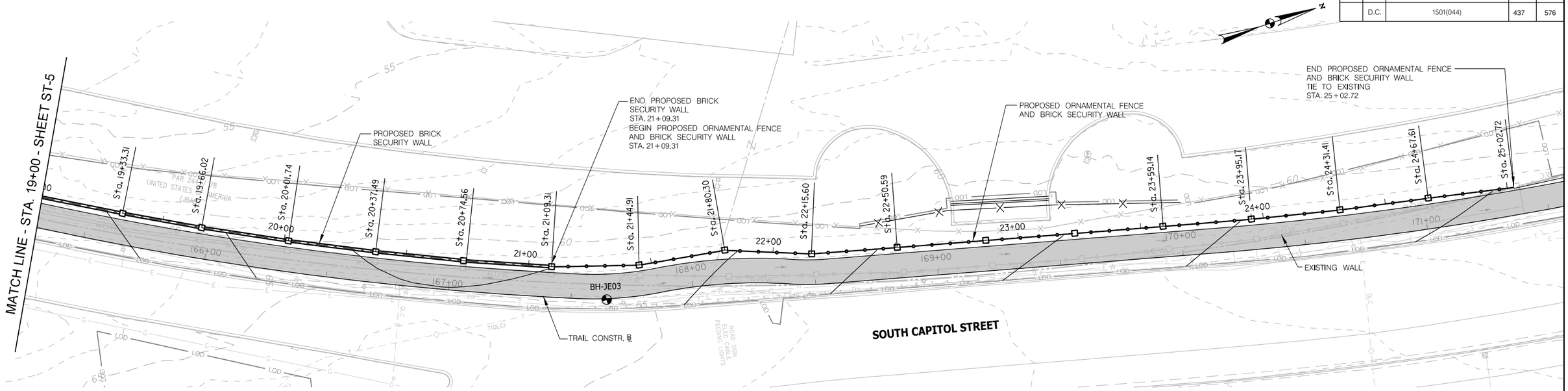
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE
WALL #2 – STA. 12+50 TO 13+96.55
WALL #3 – STA. 15+00 TO 19+00

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	436 OF 576

pST-P005_SCSTrail.dgn
3/5/2026

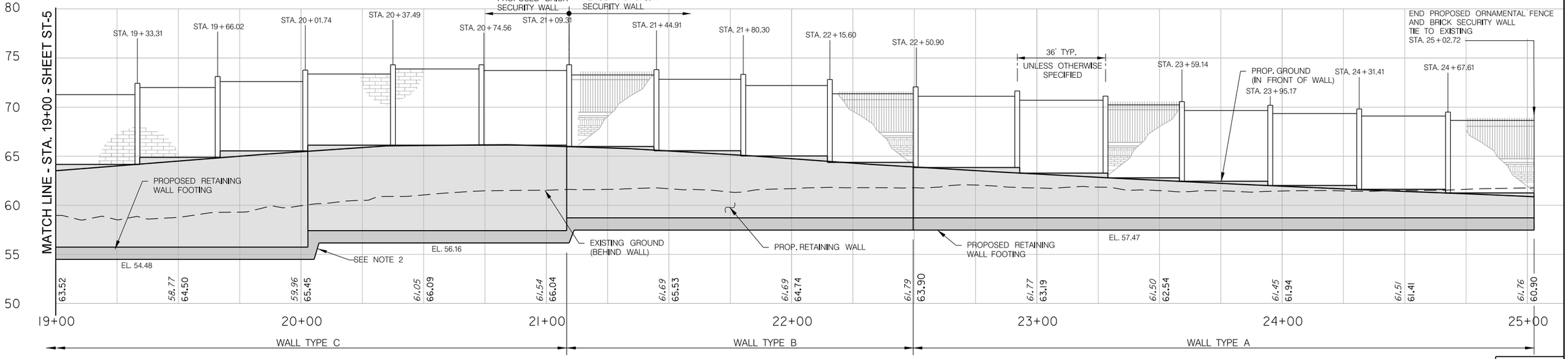
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	437	576



WALL #3 PLAN

NOTES:

1. CONTRACTOR SHALL NOTIFY JBAB BEFORE BEGINNING REMOVAL OF EXISTING WALL.
2. SEE DETAIL ON DWG. ST-11 FOR FOOTING STEP DETAILS.



WALL #3 PROFILE

ST-6

NOTE:
1) DURING THE CONSULTANT'S SITE VISIT, THE LOCATION OF CHAIN LINK FENCE AT JBAB FACILITY FROM STA. 164+85 TO STA. 171+40 WERE INCONSISTENT WITH THE SURVEY. THE FENCE LAYOUT BETWEEN THE ABOVE STATIONS IS APPROXIMATED BASED ON THE AERIAL IMAGERY. IT IS RECOMMENDED THE CONTRACTOR PERFORM THE TOPO SURVEY TO IDENTIFY THE CORRECT FENCE LAYOUT AT THIS STATION LIMITS.

DISTRICT OF COLUMBIA · STEVEN J. PAULOVICH · No. PE 907957 · 4-7-2026 · CIVIL STRUCT · PROFESSIONAL ENGINEER

5' 0 5' 10'
VERTICAL SCALE IN FEET
SCALE: 1"=5'

20' 0 20' 40'
HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

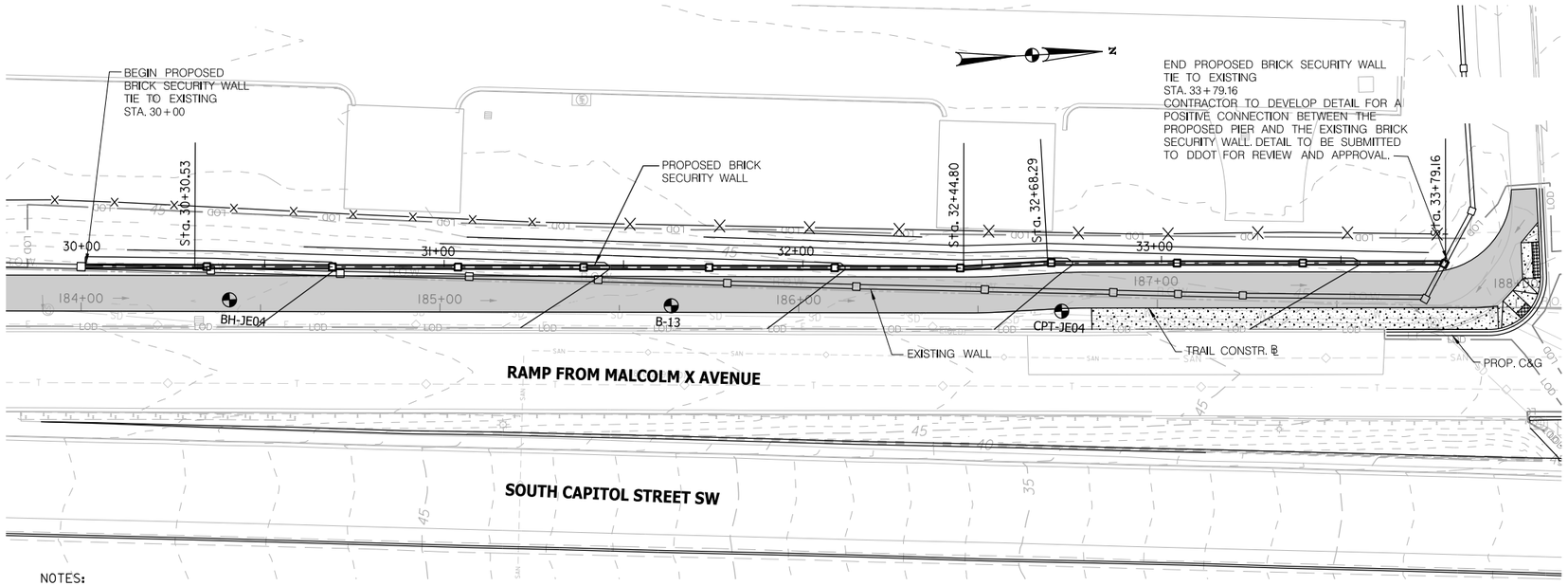
PLAN AND PROFILE
WALL #3 – STA. 19+00 TO 25+02.72

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

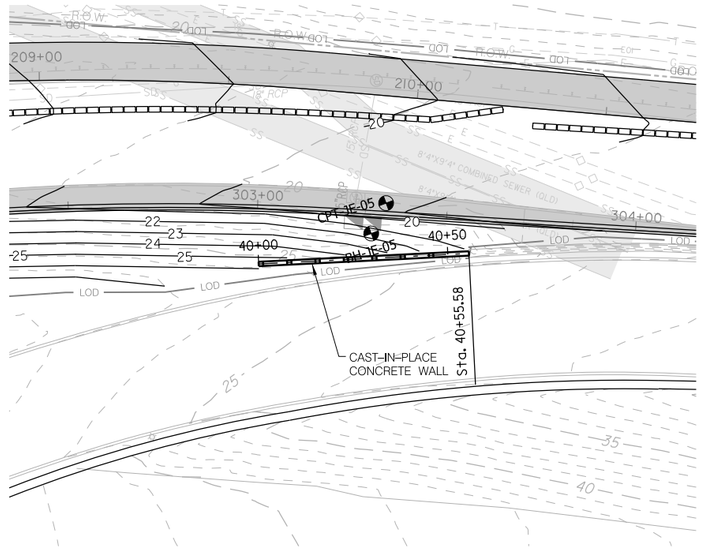
DIVISION CHIEF
DATE
FILE
SHEET 437 OF 576

pST-P006.SCSTrail.dgn
3/5/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	438	576



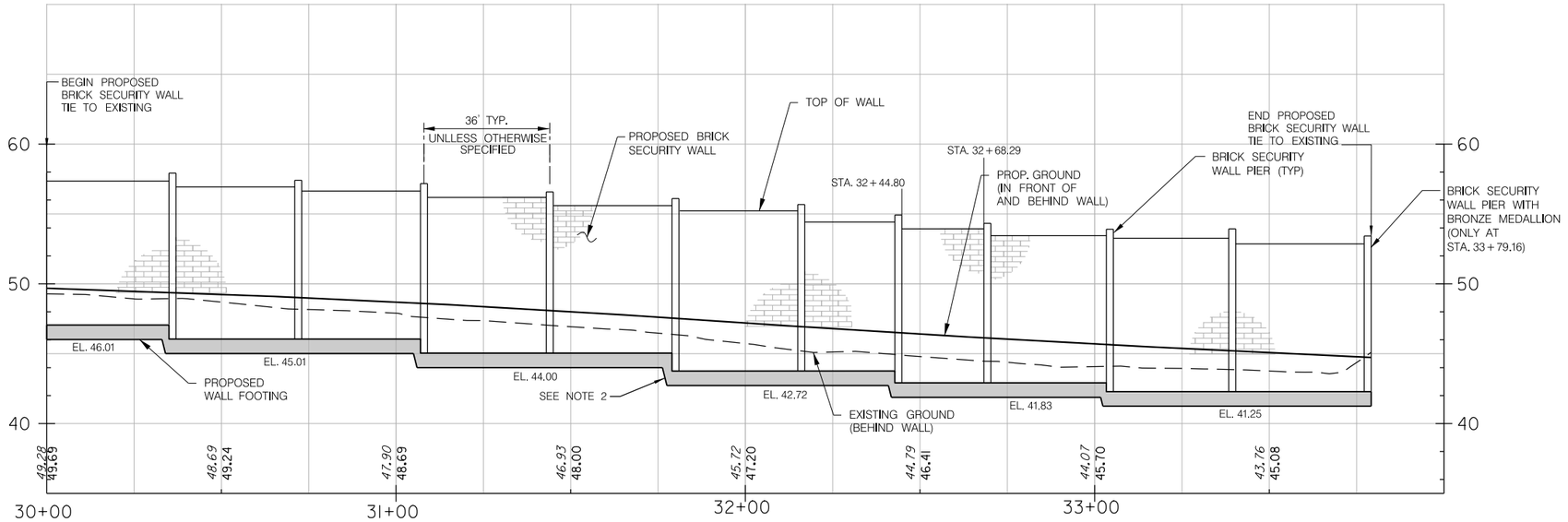
WALL #4 PLAN



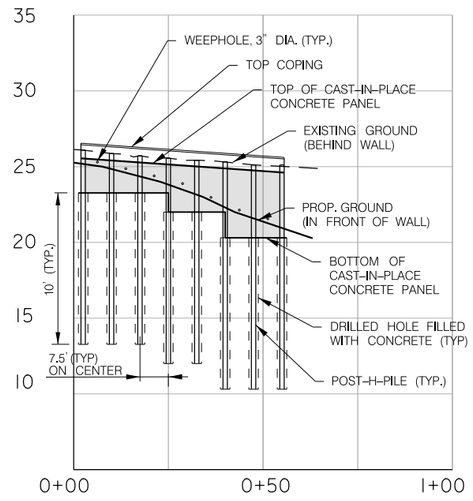
WALL #5 PLAN

NOTES:

1. CONTRACTOR SHALL NOTIFY JBAB BEFORE BEGINNING REMOVAL OF EXISTING WALL.
2. SEE DETAIL ON DWG. ST-11 FOR FOOTING STEP DETAILS.



WALL #4 PROFILE



WALL #5 PROFILE

NOTES:

1. THE CONTRACTOR SHALL PREPARE A CONSTRUCTION IMPACT REPORT FOR THE WORK ADJACENT TO EXISTING STORM DRAIN FOR REVIEW BY DC WATER.

VERTICAL SCALE IN FEET
SCALE: 1"=5'

HORIZONTAL SCALE IN FEET
SCALE: 1"=20'

DISTRICT OF COLUMBIA
STEVEN J. PAULOVICH
No. PE 907957
4-7-2026
CIVIL STRUC
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

ST-7

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

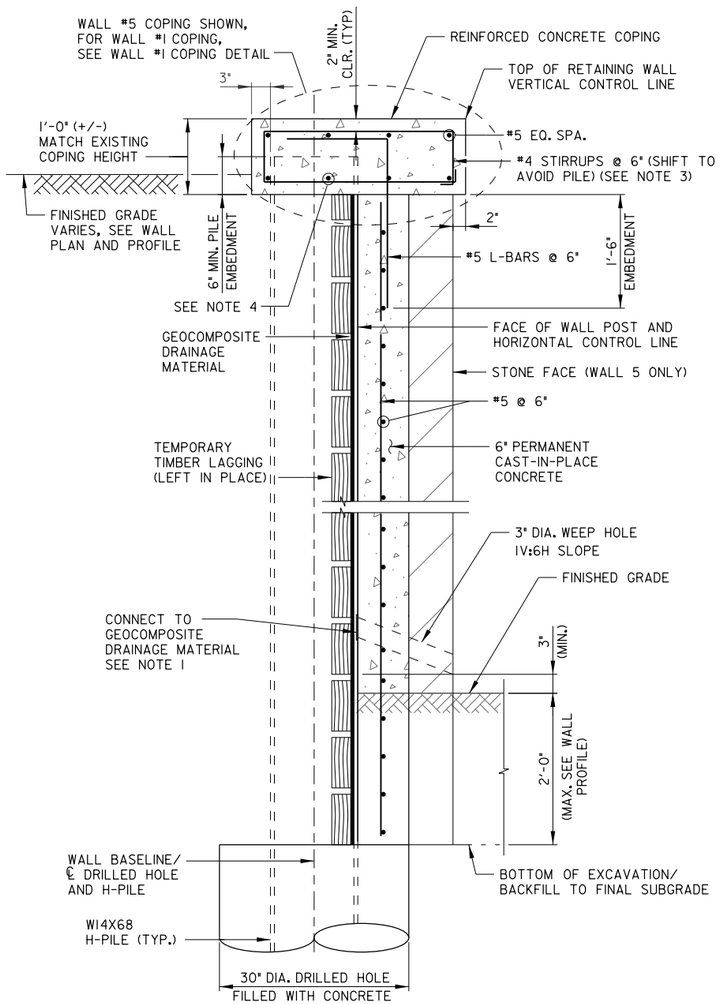
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PLAN AND PROFILE
WALL #4 – STA. 30+00 TO 33+79.16
WALL #5 – STA. 40+00 TO 40+55.88

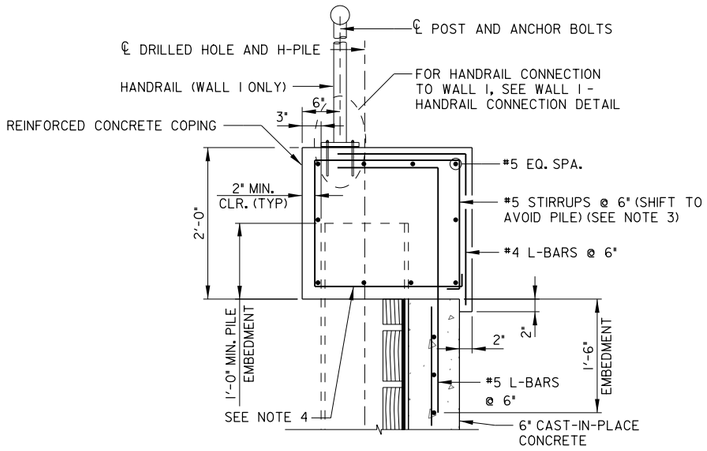
PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	438 OF 576

p5T-P007_SCSTrail.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	439	576

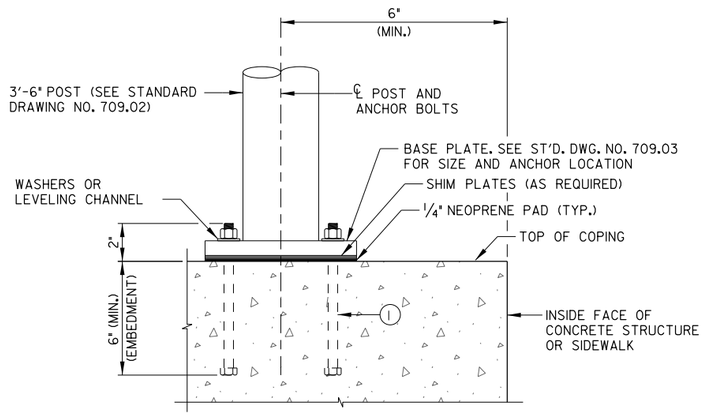


SECTION - WALLS #1 AND #5 (POST AND PANEL WALL)



WALL #1 COPING DETAIL

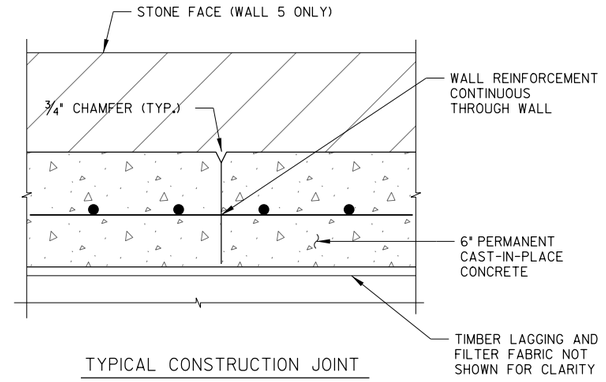
(FOR INFORMATION NOT SHOWN, SEE SECTION - WALL 5)



WALL #1 - HANDRAIL CONNECTION DETAIL

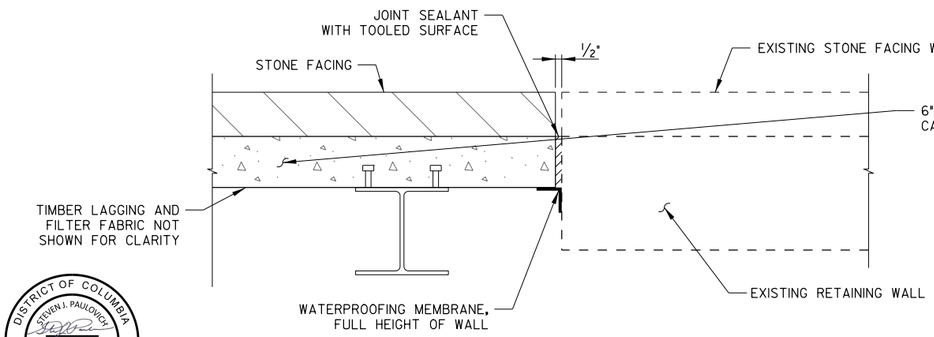
(CAST-IN-PLACE ANCHOR BOLTS SHOWN, ADHESIVE ANCHORS SIMILAR)

(1) 4-5/8" DIA. C-I-P HEX HEAD ANCHOR BOLT, OR 4-5/8" DIA. ADHESIVE ANCHOR WITH HEX NUT & WASHER. PLACE ANCHOR BOLTS PERPENDICULAR TO BASE PLATE FOR SLOPES ≤ 8.33% (RAMPS) WITH FLAT WASHER. PLACE ANCHOR BOLTS PLUMB FOR GRADES > 8.33 DEGREES WITH FLAT WASHER & BEVELED WASHER, OR LEVELING CHANNEL.



TYPICAL CONSTRUCTION JOINT

TYPICAL EXPANSION JOINT AT 90' MAX. SPACING



WALL #5 - EXISTING WALL TO PROPOSED WALL CONNECTION DETAIL

NOTES:

1. CONNECTION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION.
2. MATERIALS AND CONSTRUCTION REQUIREMENTS SHALL CONFORM TO SPECIAL PROVISIONS.
3. STIRRUPS CAN BE REPLACED BY 2-#5 ⊏ AT 6" FOR WALL #1 AND 2#4 ⊏ AT 6" FOR WALL #5.
4. CUT #5 BAR AT H-PILE LOCATIONS TO AVOID CONFLICT AS NECESSARY.

DISTRICT OF COLUMBIA
STEVEN J. PAULOVICH
No. PE 907957
4-7-2026
CIVIL, STRUC
PROFESSIONAL ENGINEER

pST-P008-SCSTrail.dgn
2/24/2026

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ST-8

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

WALLS #1 AND #5
DETAILS (1 OF 2)

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

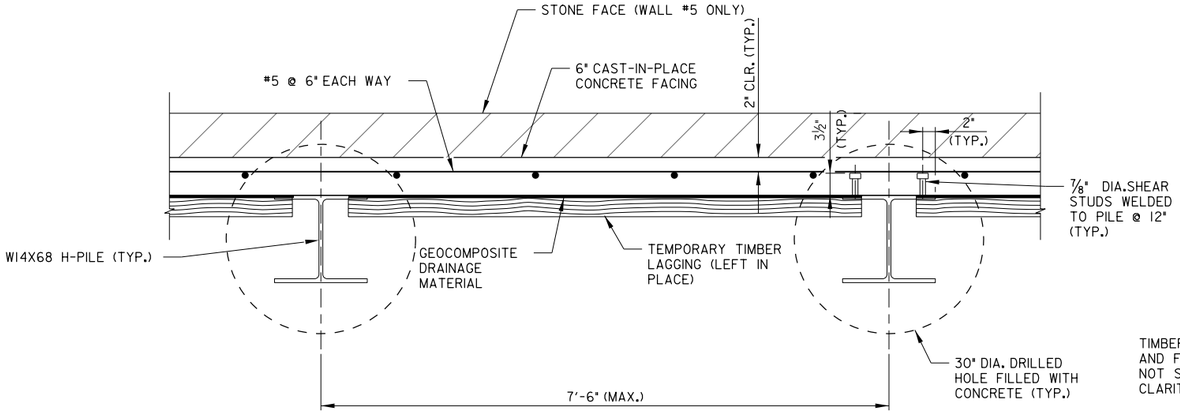
DIVISION CHIEF

DATE

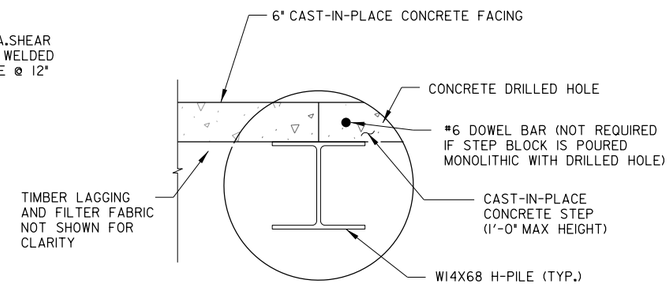
FILE

SHEET 439 OF 576

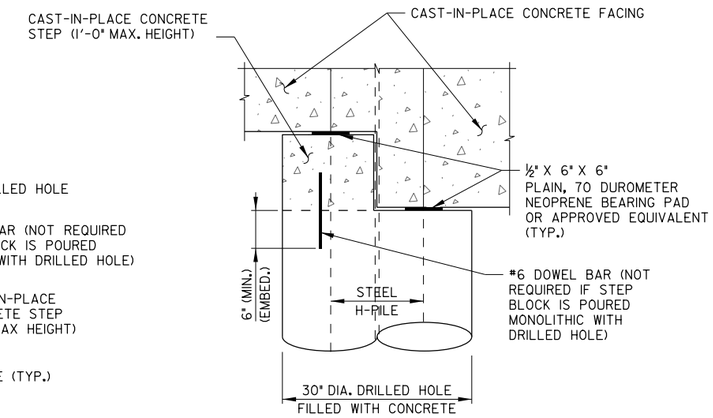
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	440	576



DETAIL - POST AND PANEL WALL

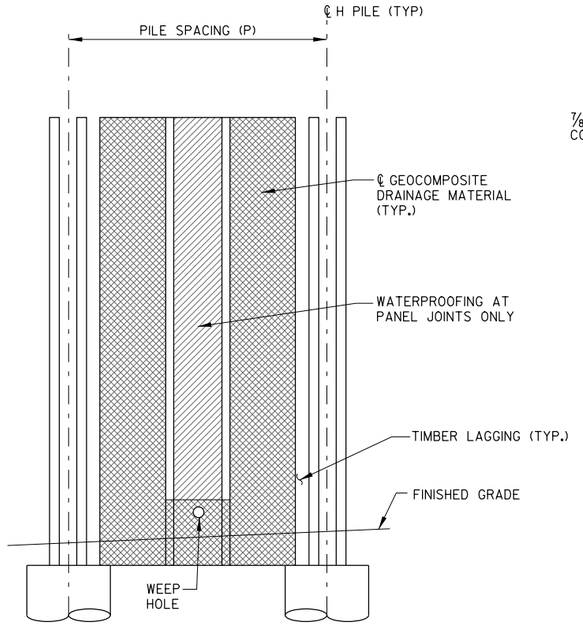


PLAN

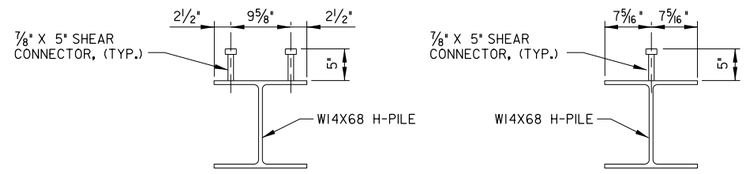


ELEVATION

CONCRETE STEP DETAILS



DRAINAGE AND WATERPROOFING TYPICAL PANEL



STUD CONNECTOR DETAILS

pST-P009-SCSTr-all.dgn
2/24/2026

DISTRICT OF COLUMBIA
STEVEN J. PAULOVICH
No. PE 907957
4-7-2026
CIVIL, STRUC
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

ST-9

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

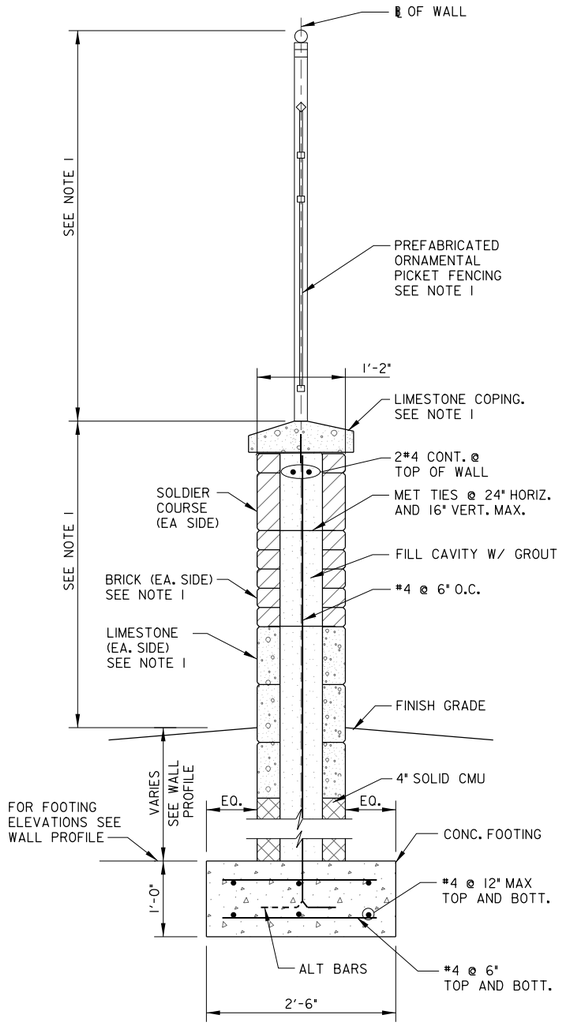
WALLS #1 AND #5
DETAILS (2 OF 2)

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

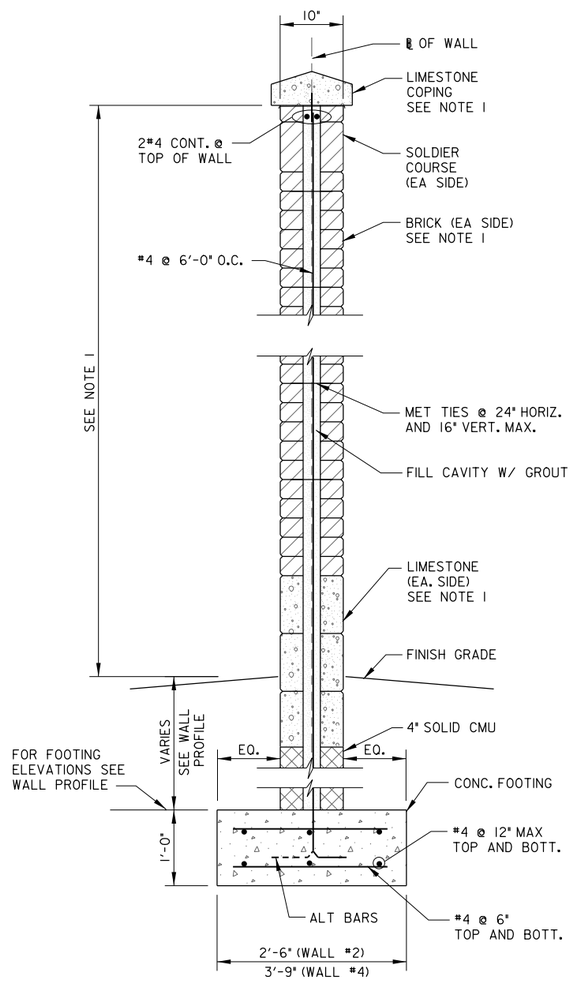
DIVISION CHIEF

DATE
FILE
SHEET 440 OF 576

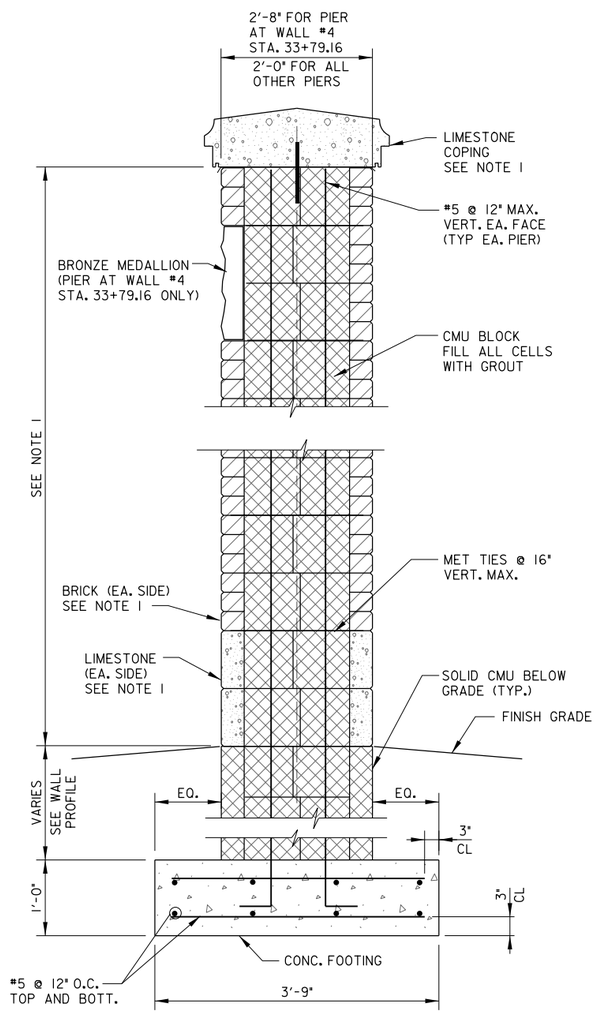
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	441	576



TYPICAL ORNAMENTAL SECURITY WALL FOOTING AND REINFORCEMENT DETAIL - SECTION WALL #2 ONLY



TYPICAL SECURITY WALL FOOTING AND REINFORCEMENT DETAIL - SECTION WALLS #2 & #4



TYPICAL SECURITY WALL PIER FOOTING AND REINFORCEMENT DETAIL - SECTION WALLS 2 & 4

NOTES:

1. SEE JBAB WALL DRAWINGS FOR SECURITY WALL'S ARCHITECTURAL FINISHES, INCLUDING BUT NOT LIMITED TO, COPING, BRICK, LIMESTONE, COPING, COPING DOWEL AND COPING CONNECTION TO WALL.
2. FOR WALL #2, THE FACTORED BEARING RESISTANCE OF THE FOOTING IS 1.8 KSF. THE DESIGN BEARING PRESSURE OF THE FOOTING IS 1.7 KSF. FOR WALL #4, THE FACTORED BEARING RESISTANCE OF THE FOOTING IS 1.6 KSF. THE DESIGN BEARING PRESSURE OF THE FOOTING IS 1.5 KSF.
3. All WALL #2 FOUNDATIONS SHALL BEAR AT A MINIMUM OF 2'-6" BELOW GRADE. All WALL #4 FOUNDATIONS SHALL BEAR AT A MINIMUM OF 3'-0" BELOW GRADE.
4. WALL FOOTING SHALL BE LEVEL BETWEEN STEPS. SEE WALL ELEVATION FOR STEP LOCATIONS.
5. CONCRETE FOR FOUNDATIONS SHALL BE POURED ON THE SAME DAY SUBGRADE APPROVAL IS GIVEN BY THE GEOTECHNICAL ENGINEER.
6. WALL #2: REFER TO DDOT STANDARD DRAWING 202.01 FOR LIMITS OF STRUCTURE EXCAVATION, EXCEPT THE STRUCTURE EXCAVATION SHALL INCLUDE OVEREXCAVATION VOLUME BETWEEN BOTTOM OF FOOTING AND BOTTOM OF OVEREXCAVATION. REFER TO DDOT STANDARD DRAWING 206.01 FOR LIMITS OF STRUCTURE BACKFILL, EXCEPT THE STRUCTURE BACKFILL SHALL INCLUDE VOLUME BETWEEN BOTTOM OF FOOTING AND BOTTOM OF OVEREXCAVATION.
   WALL #4: SEE DRAWING ST-11 FOR STRUCTURE EXCAVATION AND STRUCTURE BACKFILL LIMITS.
7. WALL #2 OVEREXCAVATION: LOOSE OR SOFT SUBGRADE THAT CANNOT BE COMPACTED, AND CLAY (REGARDLESS OF TYPE AND CONSISTENCY) FOUND AT SUBGRADE SHALL BE OVEREXCAVATED TO A MINIMUM DEPTH OF 3 FEET BELOW BOTTOM OF FOOTING OR UNTIL FULL REMOVAL OF SUCH MATERIAL, WHICHEVER DEPTH IS LESS. MINIMUM OVEREXCAVATION DEPTH BELOW BOTTOM OF FOOTING SHALL BE 6 INCHES ALONG ENTIRE WALL FOOTING REGARDLESS OF MATERIAL ENCOUNTERED AT BOTTOM OF FOOTING. OVEREXCAVATION SHALL BE REPLACED WITH STRUCTURE BACKFILL. THE ACTUAL OVEREXCAVATION LIMIT SHALL BE SPECIFIED BY THE GEOTECHNICAL ENGINEER UPON INSPECTION OF THE SUBGRADE. FOR ESTIMATE PURPOSE, A UNIFORM 6-INCH OVEREXCAVATION IS ASSUMED ALONG ENTIRE WALL #2.
8. WALL #4 OVEREXCAVATION: LOOSE OR SOFT SUBGRADE THAT CANNOT BE COMPACTED, AND FAT CLAY FOUND AT SUBGRADE SHALL BE OVEREXCAVATED TO A MINIMUM DEPTH OF 3 FEET BELOW BOTTOM OF FOOTING OR UNTIL FULL REMOVAL OF SUCH MATERIAL, WHICHEVER DEPTH IS LESS. MINIMUM OVEREXCAVATION DEPTH BELOW BOTTOM OF FOOTING (ALONG ENTIRE WALL FOOTING REGARDLESS OF MATERIAL ENCOUNTERED AT BOTTOM OF FOOTING) SHALL BE 6 INCHES OR TO THE TOE OF FRONT SLOPE ELEVATION WHICHEVER ELEVATION IS LOWER; SEE DRAWING ST-11. OVEREXCAVATION SHALL BE REPLACED WITH STRUCTURE BACKFILL. THE ACTUAL OVEREXCAVATION LIMIT SHALL BE SPECIFIED BY THE GEOTECHNICAL ENGINEER UPON INSPECTION OF THE SUBGRADE. FOR ESTIMATE PURPOSE, THE MINIMUM OVEREXCAVATION IS ASSUMED ALONG ENTIRE WALL #4.
9. THE GEOTECHNICAL ENGINEER SHALL INSPECT, VERIFY AND CERTIFY THAT ALL FOOTINGS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH PROJECT PLANS.
10. MINIMUM COMPRESSIVE STRENGTH OF CAST-IN-PLACE CONCRETE AT 28 DAYS F'c=4500 PSI. MINIMUM COMPRESSIVE STRENGTH OF GROUT AT 28 DAYS F'c=2000 PSI. REINFORCING STEEL SHALL BE ASTM A615, GRADE 60, DEFORMED Fy = 60,000 PSI UNLESS OTHERWISE NOTED.
11. DO NOT CUT, BEND OR OTHERWISE MODIFY REINFORCING STEEL IN THE FIELD WITHOUT WRITTEN PERMISSION FROM THE ENGINEER, EXCEPT FOOTING STEP LOCATIONS.
12. REFER TO DDOT STANDARD DRAWING 703.02 FOR EXPANSION JOINT DETAIL AND DRAWING 703.03 FOR CONTRACTION JOINT DETAIL. EXPANSION JOINTS SHALL BE PLACED AT A MAXIMUM OF 90 FEET AND SHALL BE IMMEDIATELY ADJACENT TO PIERS. EXPANSION JOINT SHALL BE FULL HEIGHT ALONG THE BRICK SECURITY WALL. CONTRACTION JOINTS SHALL BE SPACED AT A MAXIMUM OF 30 FEET. FOOTING SHALL BE CONTINUOUS ALONG WALL. CONSTRUCTION JOINTS SHALL BE PLACED AT EACH STEP IN FOOTING. SEE TYPICAL SECTION ON SHEET ST-11 FOR FOOTING STEP DETAILS.

ST-10

DISTRICT OF COLUMBIA
STEVEN J. PAULOVICH
No. PE 907957
4-7-2026
CIVIL STRUC
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

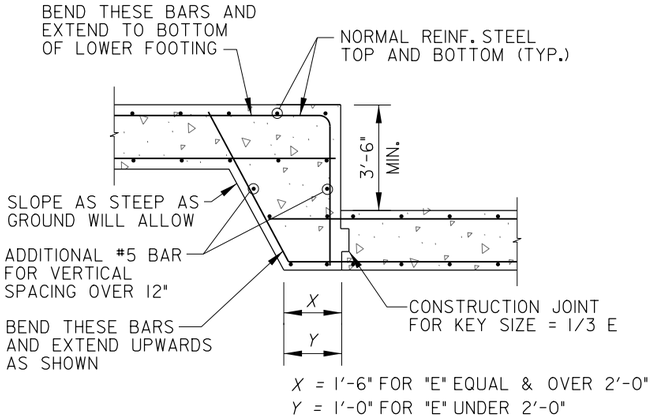
WALLS 2 & 4
DETAILS (1 OF 2)

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

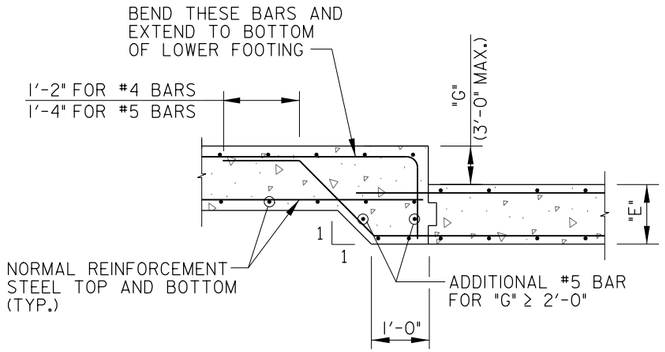
DIVISION CHIEF
DATE
FILE
SHEET 441 OF 576

pST-P010-SCSTrail.dgn
2/24/2026

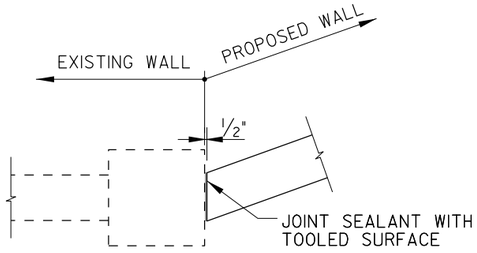
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	442	576



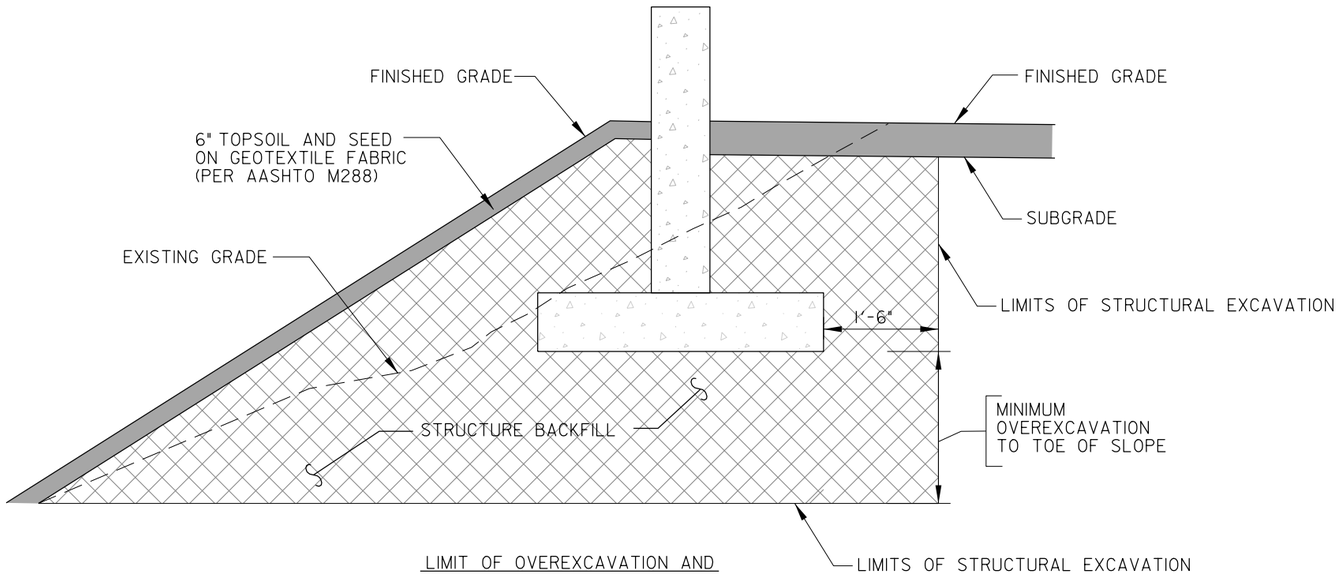
TYPICAL SECTION OF
STEP IN WALL FOOTING
WALLS #2, #3, AND #4



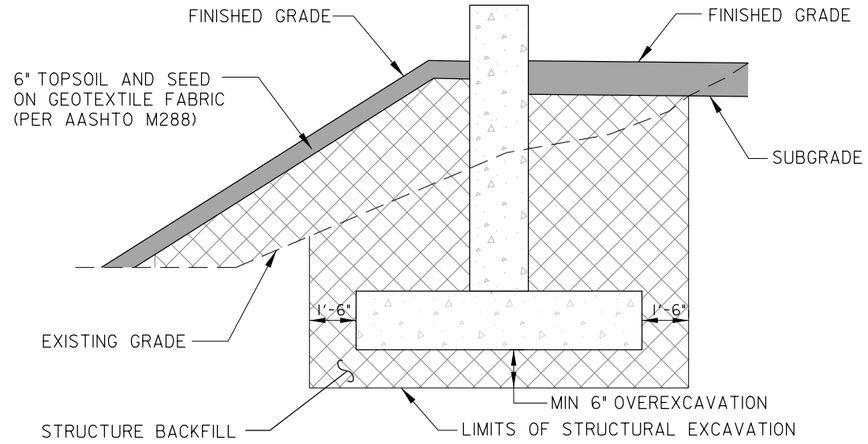
TYPICAL SECTION OF
STEP IN WALL FOOTING
WALLS #2, #3, AND #4



TYPICAL CONNECTION TO
THE EXISTING WALL



LIMIT OF OVEREXCAVATION AND
STRUCTURE BACKFILL
WALL #4 - STA. 30+00 TO STA. 31+79



LIMIT OF OVEREXCAVATION AND
STRUCTURE BACKFILL
WALL #4 - STA. 31+79 TO STA. 33+79.16

ST-11

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

WALLS 2 & 4
DETAILS (2 OF 2)

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 442 OF 576

NO	DESCRIPTION	NAME	DATE

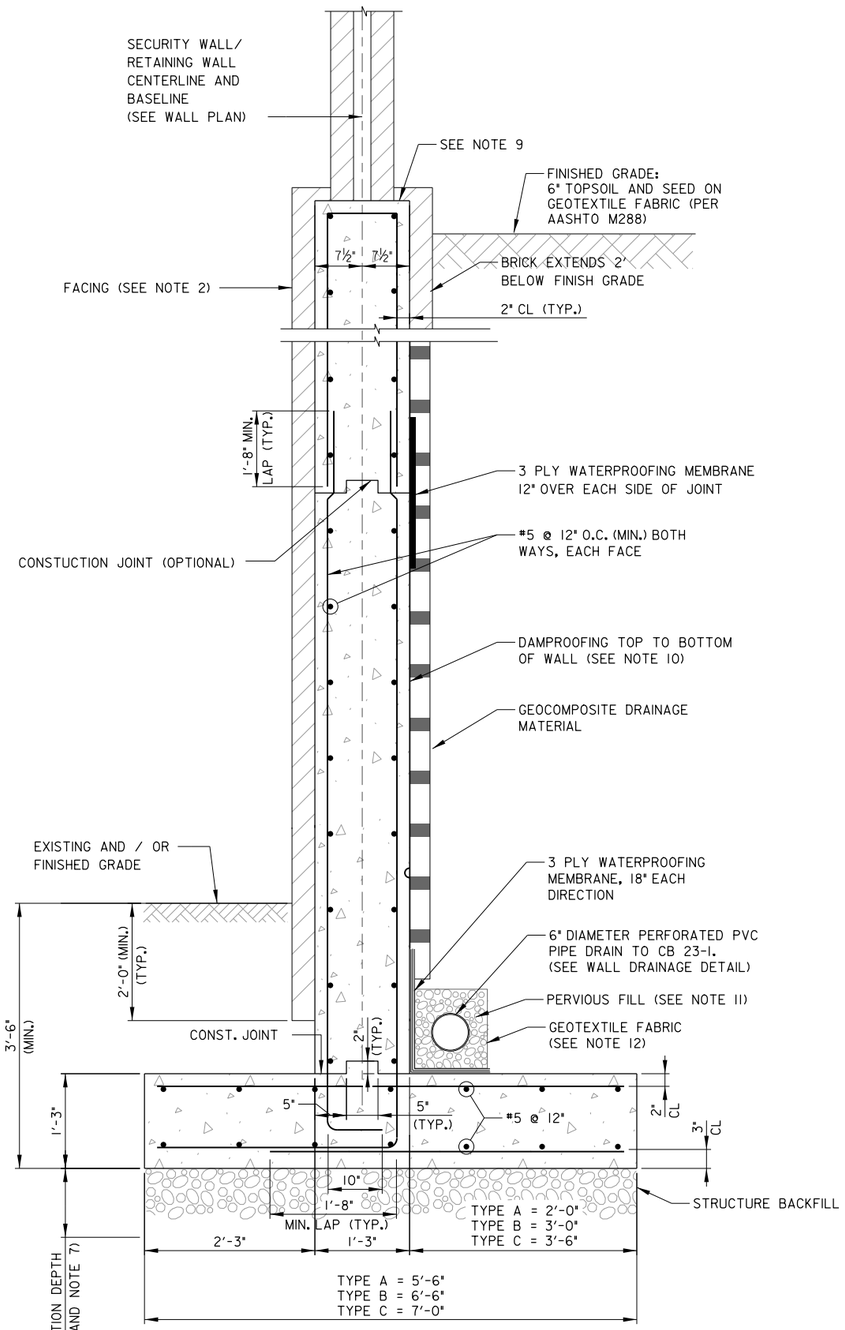
REVISIONS

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
STEVEN J. PAULOVICH
No. PE 907957
4-7-2026
CIVIL, STRUC.
PROFESSIONAL ENGINEER

pST-P011-SCSTr-ali.dgn
2/24/2026

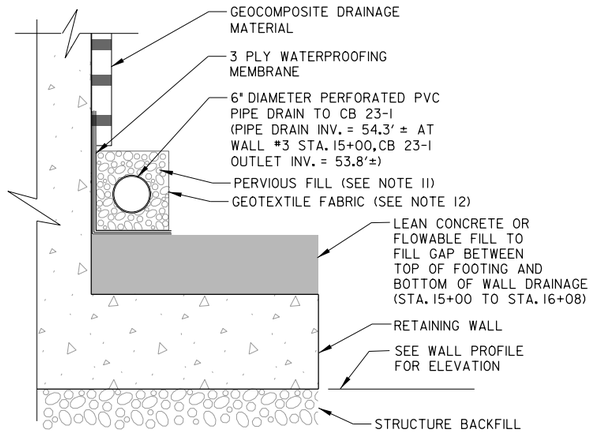
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	443	576



TYPICAL RETAINING WALL DETAIL - SECTION
STATION 15+00 TO STATION 25+02.72
SCALE: 1" = 1'-0"

ESTIMATED OVEREXCAVATION BELOW RETAINING WALL	
ESTIMATED HORIZONTAL LIMITS OF EXCAVATION	ESTIMATED OVEREXCAVTION DEPTH BELOW BOTTOM OF FOOTING *
STATION 15+00 TO 16+08	3 FEET
STATION 16+08 TO 25+03	6 INCHES

* MINIMUM OVEREXCAVATION DEPTH BELOW BOTTOM OF FOOTING SHALL BE 6 INCHES ALONG RETAINING WALL REGARDLESS OF MATERIAL ENCOUNTERED AT BOTTOM OF FOOTING.



WALL DRAINAGE DETAIL
STATION 15+00 TO STATION 25+03
SCALE: 1" = 1'-0"

NOTES:

1. THE FACTORED BEARING RESISTANCE OF THE WALL FOOTING IS 2.7 KSF. THE DESIGN BEARING PRESSURE OF WALL FOOTING IS 2.5 KSF.
2. SEE JBAB DRAWINGS AND SPECIAL PROVISIONS FOR JBAB PERIMETER FOR BRICK FACING REQUIREMENTS.
3. ALL FOUNDATIONS SHALL BEAR AT A MINIMUM OF 3'-6" BELOW GRADE. IN CASE OF CONFLICT, NOTIFY THE STRUCTURAL ENGINEER IN ADVANCE OF ANY CONSTRUCTION TO ALLOW FOR ADJUSTMENTS.
4. WALL FOOTING SHALL BE LEVEL BETWEEN STEPS. (SEE WALL ELEVATION FOR STEP LOCATIONS).
5. REFER TO DDOT STANDARD DRAWING 202.01 FOR LIMITS OF STRUCTURE EXCAVATION, EXCEPT THE STRUCTURE EXCAVATION SHALL INCLUDE OVEREXCAVATION VOLUME BETWEEN BOTTOM OF FOOTING AND BOTTOM OF EXCAVATION. REFER TO DDOT STANDARD DRAWING 206.01 FOR LIMITS OF STRUCTURE BACKFILL, EXCEPT THE STRUCTURE BACKFILL SHALL INCLUDE VOLUME BETWEEN BOTTOM OF FOOTING AND BOTTOM OF OVEREXCAVATION.
6. CONCRETE FOR FOUNDATIONS SHALL BE POURED ON THE SAME DAY SUBGRADE APPROVAL IS GIVEN BY THE GEOTECHNICAL ENGINEER.
7. LOOSE OR SOFT SUBGRADE THAT CANNOT BE COMPACTED, AND FAT CLAY FOUND AT SUBGRADE SHALL BE OVEREXCAVATED TO A MINIMUM DEPTH OF 3 FEET BELOW BOTTOM OF FOOTING OR UNTIL FULL REMOVAL OF SUCH MATERIAL, WHICHEVER DEPTH IS LESS. OVEREXCAVATION SHALL BE REPLACED WITH STRUCTURE BACKFILL. THE ESTIMATED OVEREXCAVATION LIMIT IS PROVIDED IN THE TABLE. THE ACTUAL OVEREXCAVATION LIMIT SHALL BE SPECIFIED BY THE GEOTECHNICAL ENGINEER UPON INSPECTION OF THE SUBGRADE.
8. THE GEOTECHNICAL ENGINEER SHALL INSPECT, VERIFY AND CERTIFY THAT ALL RETAINING WALL FOOTINGS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PROJECT PLANS.
9. SEE DRAWING ST-13 FOR REINFORCEMENT AND CONNECTION OF BRICK SECURITY WALL ON TOP OF RETAINING WALL. REFER TO DDOT DRAWING NO. 703.03 FOR DOVETAIL ANCHOR DETAIL.
10. WATERPROOFING AND DAMP-PROOFING SHALL BE PER DDOT STANDARD SPECIFICATIONS, SECTION 822.10.
11. FOR PERVIOUS FILL USE CRUSHED GRAVEL CONFORMING TO AASHTO M6 GRADING REQUIREMENTS.
12. USE NO. 57 OR NO. 67 WASHED CRUSHED STONE TO WRAP AROUND PERFORATED PIPE FOR 12" WIDTH WITH GEOTEXTILE FABRIC.
13. FOR REINFORCEMENT AT SECURITY WALL POST/PIER LOCATIONS, SEE RETAINING WALL UNDER BRICK WALL POST DETAILS.
14. MINIMUM COMPRESSIVE STRENGTH OF CAST-IN-PLACE CONCRETE AT 28 DAYS, F'C = 4,500 PSI.
15. CHAMFER ALL EXPOSED CORNERS 3/4" X 3/4", UNLESS NOTED OTHERWISE.
16. REINFORCING STEEL SHALL BE ASTM A615, GRADE 60, DEFORMED (FY=60,000 PSI) UNLESS OTHERWISE NOTED.
17. DO NOT CUT, BEND OR OTHERWISE MODIFY REINFORCING STEEL IN THE FIELD WITHOUT WRITTEN PERMISSION FROM THE ENGINEER, EXCEPT FOOTING STEP LOCATIONS.

DISTRICT OF COLUMBIA
STEVEN J. PAULOVICH
No. PE 907957
4-7-2026
CIVIL STRUC
PROFESSIONAL ENGINEER

pST-P012-SCSTrail.dgn
2/24/2026

ST-12

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

WALL #3
DETAILS (1 OF 2)

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

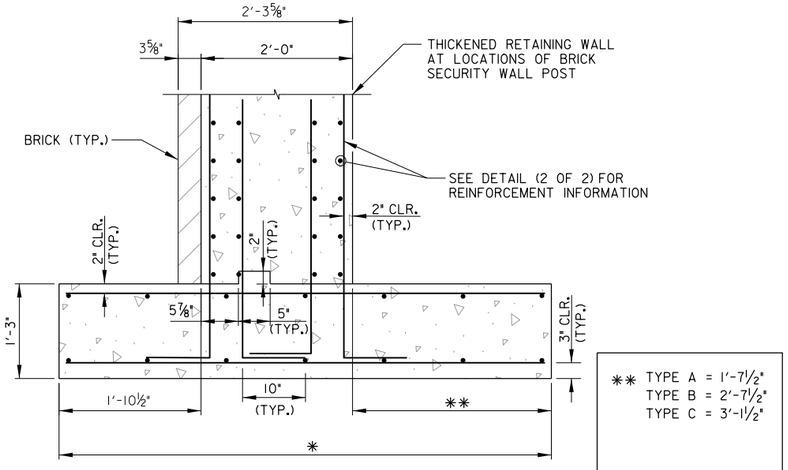
DIVISION CHIEF
DATE
FILE
SHEET 443 OF 576

ch2m· TOOLE DESIGN

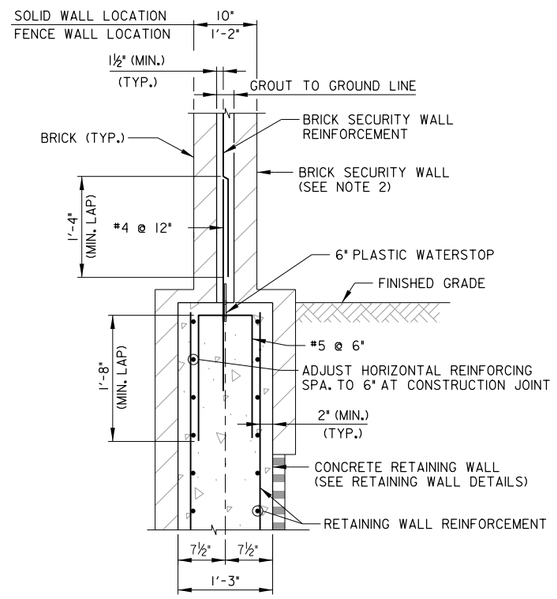
NO.	DESCRIPTION	NAME	DATE

REVISIONS

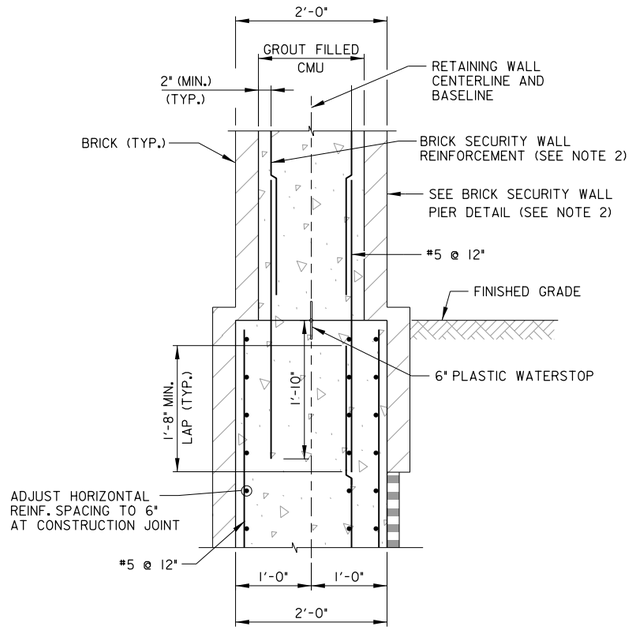
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	444	576



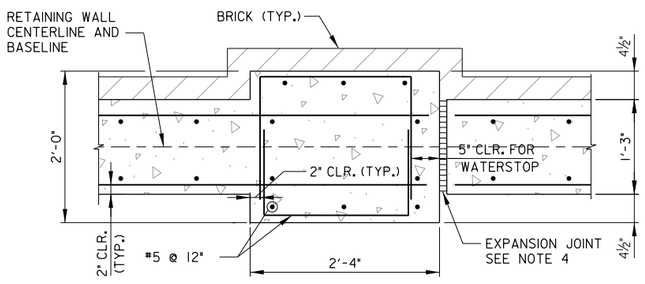
RETAINING WALL UNDER BRICK SECURITY WALL PIER
DETAIL (1 OF 2)



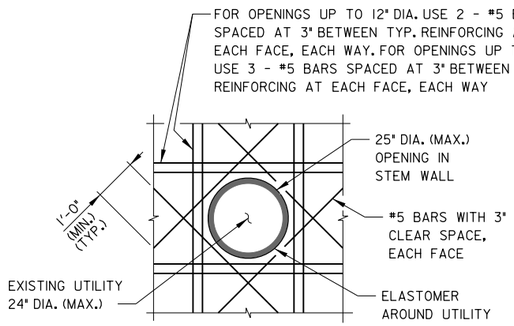
BRICK SECURITY WALL
CONNECTION TO RETAINING WALL



BRICK SECURITY WALL
PIER CONNECTION TO RETAINING WALL



WALL PLAN VIEW
RETAINING WALL UNDER BRICK SECURITY WALL PIER
DETAIL (2 OF 2)



TYPICAL DETAIL - UTILTY BLOCKOUT

- UTILITY BLOCKOUT ONLY FOR WALL STEM.
- CONTACT ENGINEER OF RECORD IF UTILITY ELEVATION IS AT FOOTING ELEVATION.
- CONTACT ENGINEER OF RECORD IF UTILITY ELEVATION IS CLOSE TO BOTTOM FOR FOOTING.

NOTES:

1. SEE PLANS FOR LOCATIONS OF BRICK SECURITY WALL PIERS.
2. REFER TO JBAB DRAWINGS AND SPECIAL PROVISIONS FOR JBAB PERIMETER BRICK SECURITY WALL DETAILS.
3. REFER TO DDOT DWG. NO. 703.03 FOR DOVETAIL ANCHOR DETAIL FOR BRICK FACING.
4. REFER TO DDOT DWG. NO. 703.02 FOR EXPANSION JOINT DETAIL AND DWG. NO. 703.03 FOR CONTRACTION JOINT DETAIL. EXPANSION JOINTS SHALL BE SPACED AT A MAXIMUM OF 90 FEET, AND SHALL BE IMMEDIATELY ADJACENT TO PIERS. AN EXPANSION JOINT SHALL ALSO BE PLACED AT EACH STEP FOOTING LOCATION. EXPANSION JOINT SHALL BE FULL HEIGHT ALONG THE RETAINING WALL AND THE BRICK SECURITY WALL, CONTINUING FROM THE FOOTING EXPANSION JOINT. CONTRACTION JOINTS SHALL BE SPACED AT 30 FEET.
5. REFER TO DWG. ST-11 FOR TYPICAL WALL STEP DETAILS AND TYPICAL CONNECTION TO EXISTING WALL DETAIL.

pST-P013-SCSTrail.dgn
2/24/2026

DISTRICT OF COLUMBIA
STEVEN J. PAULOVICH
No. PE 907957
4-7-2026
CIVIL, STRUC.
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

ST-13

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

WALL #3
DETAILS (2 OF 2)

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

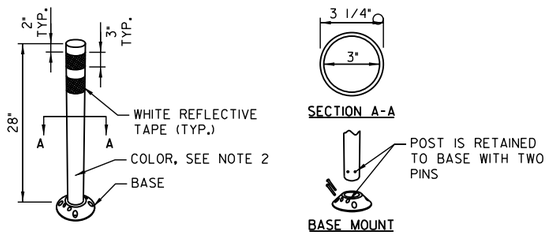
DIVISION CHIEF
DATE
FILE
SHEET 444 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	445	576

DISTRICT OF COLUMBIA · AYENDE THOMAS · No. PE40000372 · LICENSED PROFESSIONAL ENGINEER

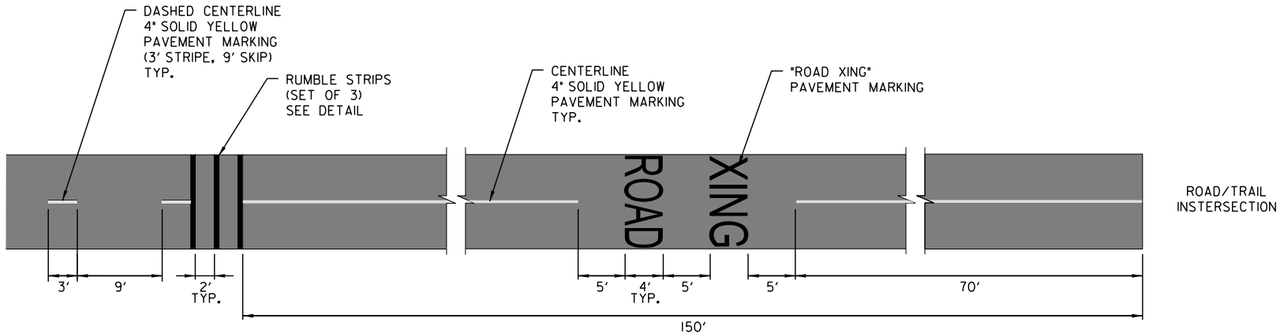
FLEXPOST PLACEMENT NOTES;

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DIMENSIONS, MATERIALS, AND ATTACHMENTS MAY VARY BETWEEN MANUFACTURERS.
2. COLOR OF POST SHALL MATCH COLOR OF APPLICABLE EDGE LINE.
3. SUGGESTED MANUFACTURERS INCLUDE: DAVIDSON TRAFFIC CONTROL PRODUCTS, MODEL FLEXI-GUIDE 300 SERIES SURFACE MOUNT CHANNELIZER POST OR APPROVED EQUAL.



28" YELLOW FLEXPOST DETAIL

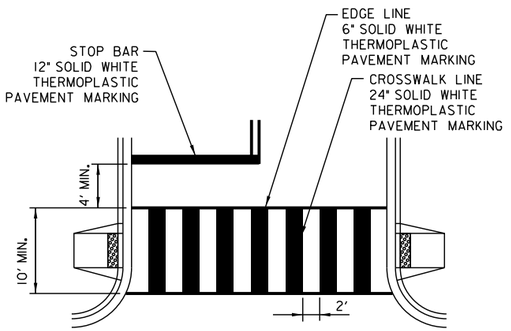
NOT TO SCALE



TRAIL TYPICAL PAVEMENT MARKING PLACEMENT

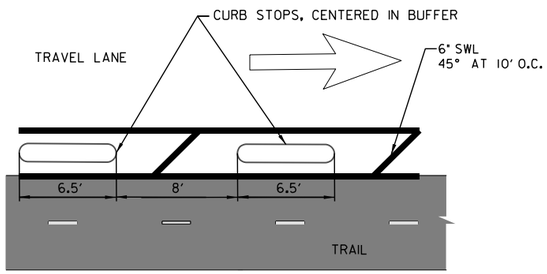
PAVEMENT MARKING LEGEND

4" DYL	4" DASH YELLOW CENTERLINE (3' STRIPE, 9' SKIP)
4" SYL	4" SOLID YELLOW TRAIL CENTERLINE
4" SWL	4" SOLID WHITE LINE
4" DWL	4" DASHED WHITE LINE (2' STRIPE, 4' SKIP)
4" BWL	4" BROKEN WHITE LANE LINE (10' STRIPE, 30' SKIP)
4" DSYCL	4" DOUBLE SOLID YELLOW CENTERLINE
4" SBYCL	4" SOLID YELLOW LANE LINE WITH 4" BROKEN LANE LINE (10' STRIPE, 30' SKIP)
6" SWL	6" SOLID WHITE LINE
12" SWL	12" SOLID WHITE LINE
CW	CROSSWALK WITH 6" SWL FOR PARALLEL LINES AND 2' SWL (4' O.C. ALIGNED WITH CURB UNLESS OTHERWISE NOTED.)



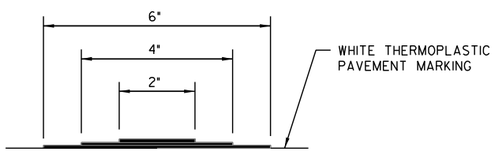
CROSSWALK PAVEMENT MARKING DETAIL

NOT TO SCALE



TYPICAL GORE PAVEMENT MARKING PLACEMENT IN BUFFERS

NOT TO SCALE



NOTE:
1. EACH MARKING LAYER SHALL BE 80 TO 95 MILS TO ACHIEVE AN OVERALL RUMBLE STRIP THICKNESS OF APPROXIMATELY 1/4".

2. SEE PLAN FOR SPACING, LAYOUT AND LOCATION.

RUMBLE STRIP DETAIL

NOT TO SCALE

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED,
2. TRAFFIC CONTROL SIGNS SHOULD BE INSTALLED AT A MINIMUM 7' HEIGHT WHEN ADJACENT TO TRAIL.
3. PER MUTCD ON SIGN PLACEMENT GUIDANCE; IN AREAS WHERE LATERAL OFFSETS ARE LIMITED, A MINIMUM LATERAL OFFSET OF 2 FT MAY BE USED
4. POSTS: 2-PUNCH SQUARE TUBULAR POSTS
5. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.

20' 0 20' 40'
SCALE: 1"=20'

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

PM-00

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PAVEMENT MARKING AND SIGNING DETAILS

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

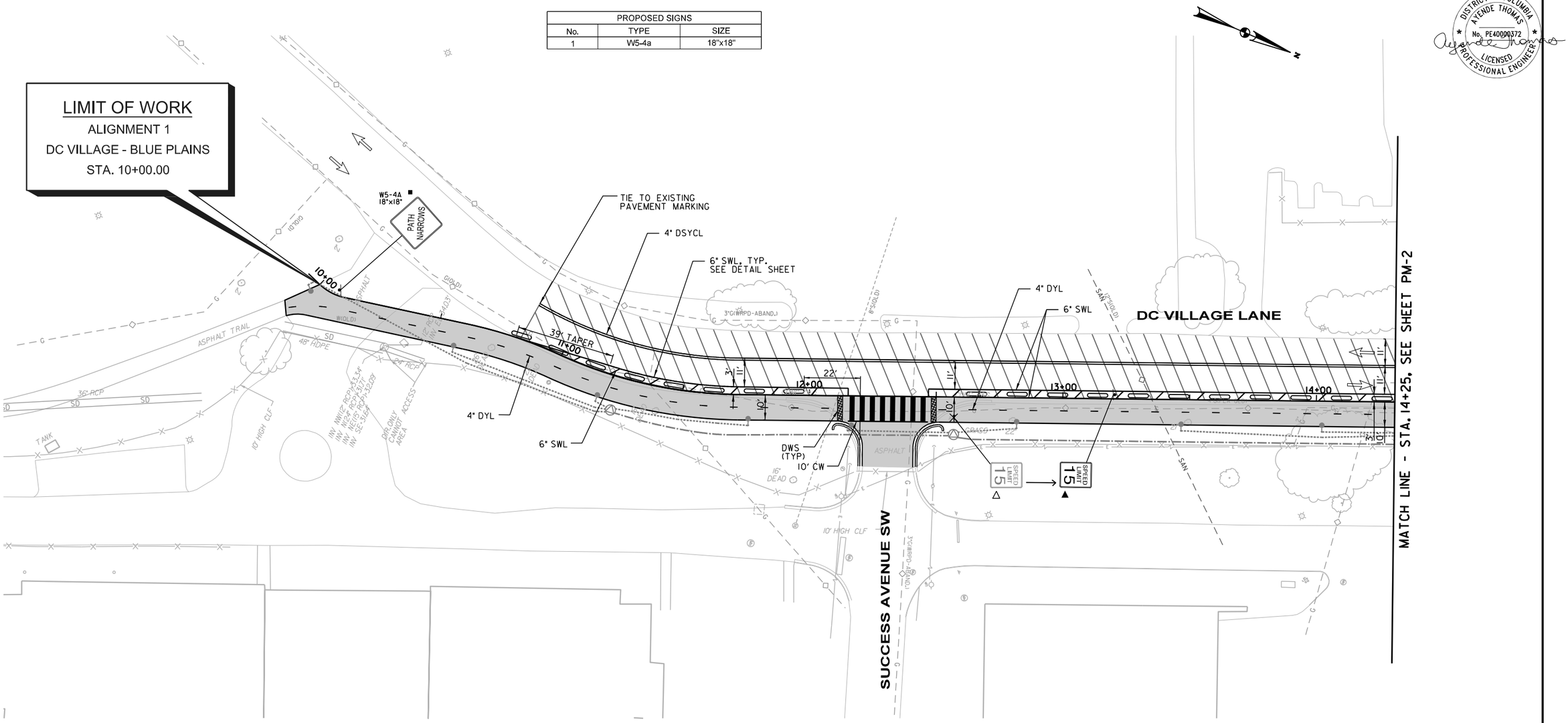
DATE
FILE
SHEET 445 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	446	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER

PROPOSED SIGNS		
No.	TYPE	SIZE
1	W5-4a	18"x18"



NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

PM-1

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE
SHEET 446 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	447	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER

MATCH LINE - STA. 14+25, SEE SHEET PM-1

MATCH LINE - STA. 20+00, SEE SHEET PM-3

DC VILLAGE LANE

CONC HEADWALL

CONC CURB

6" SWL

6" SWL, TYP.
SEE DETAIL SHEET

4" DYL

4" DSYCL

4" SYL, 40 LF

RUMBLE STRIPS, TYP.
SEE SHEET PM-00
FOR DETAIL

15+00

16+00

17+00

18+00

19+00

20+00

BASKETBALL COURT

SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

PM-2

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

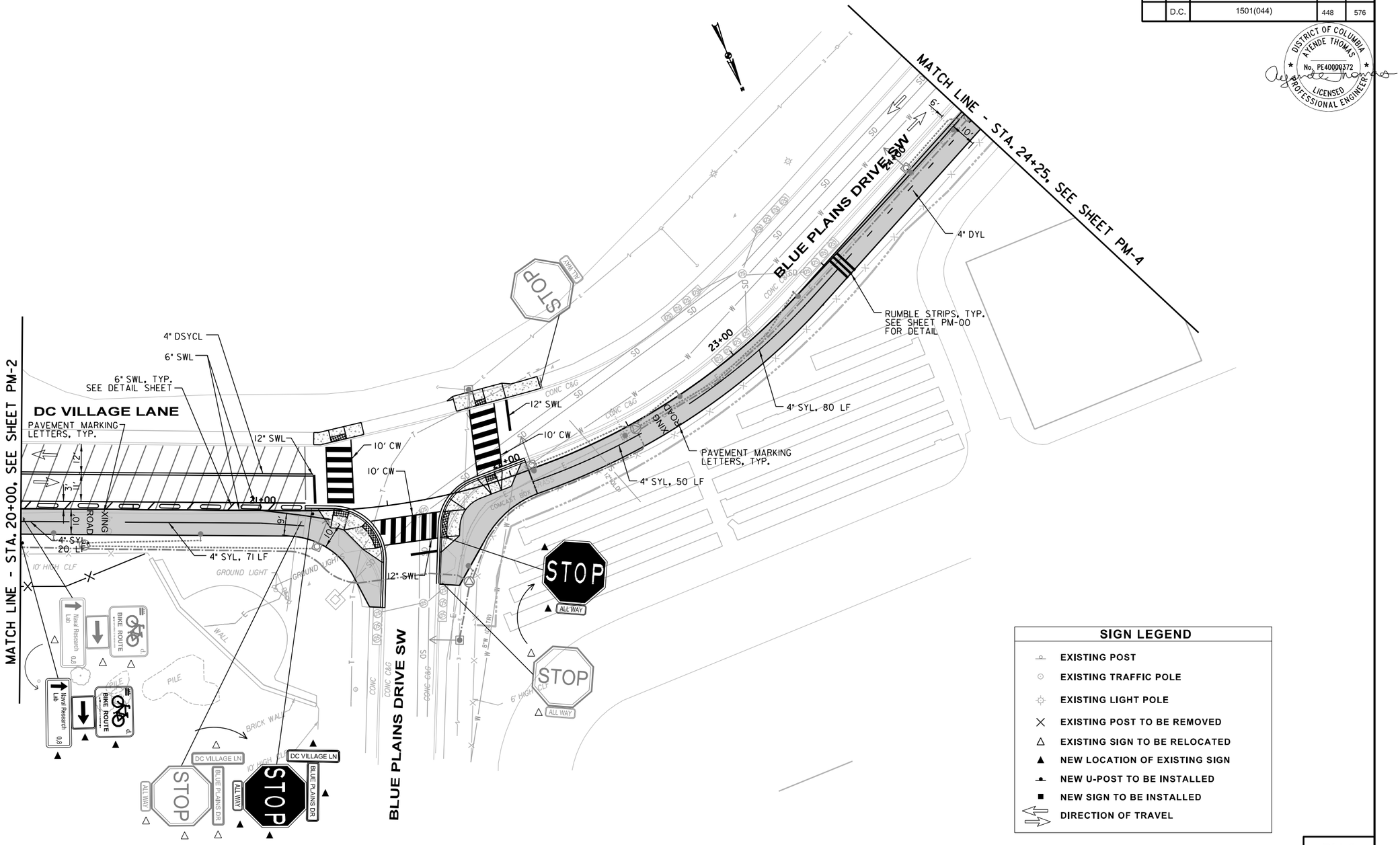
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 447 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	448	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER



SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

PM-3

20' 0 20' 40'
SCALE: 1"=20'

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

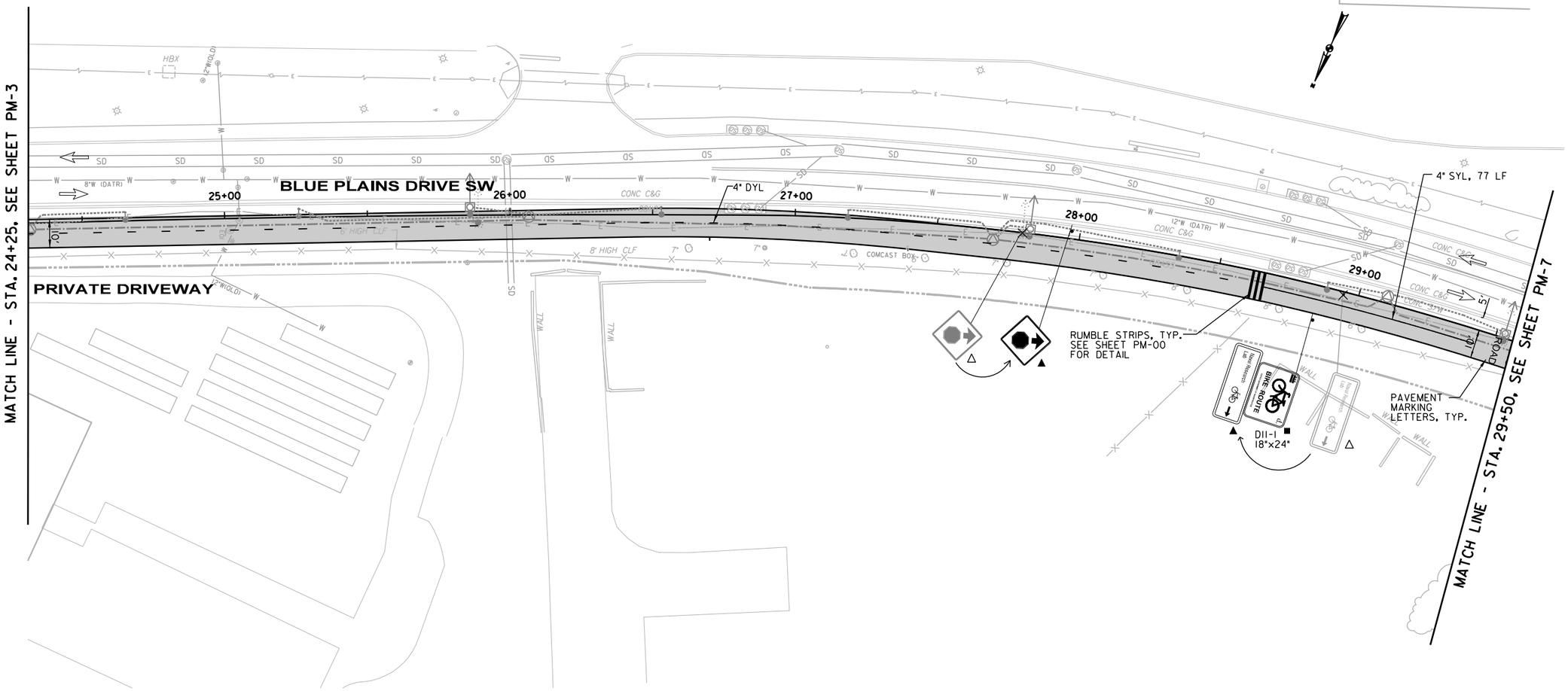
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 448 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	449	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER



PROPOSED SIGNS		
No.	TYPE	SIZE
1	D11-1	18"x24"

SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

20' 0 20' 40'
SCALE: 1"=20'

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

PM-4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

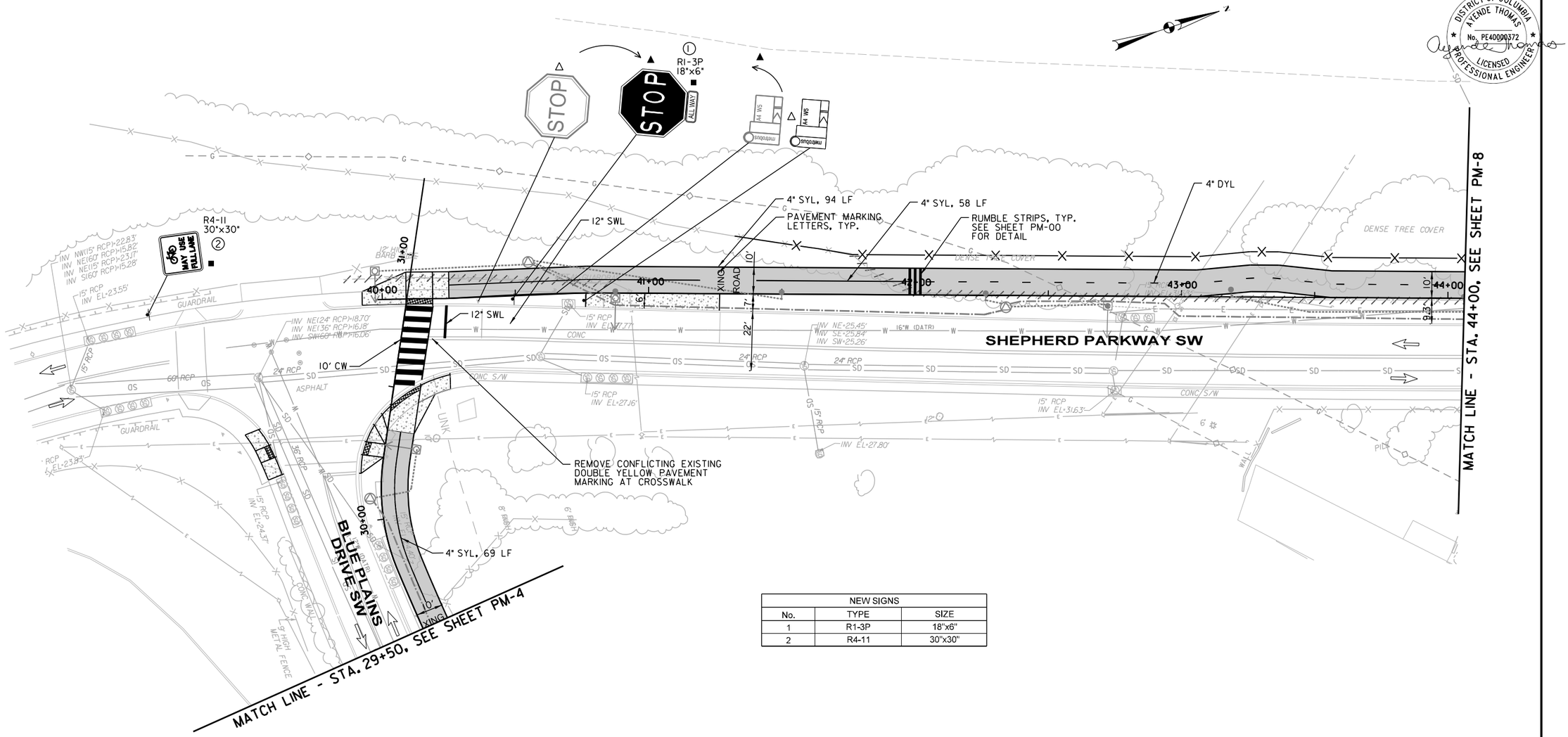
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 449 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	450	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER



NEW SIGNS		
No.	TYPE	SIZE
1	R1-3P	18"x6"
2	R4-11	30"x30"

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

PM-7

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

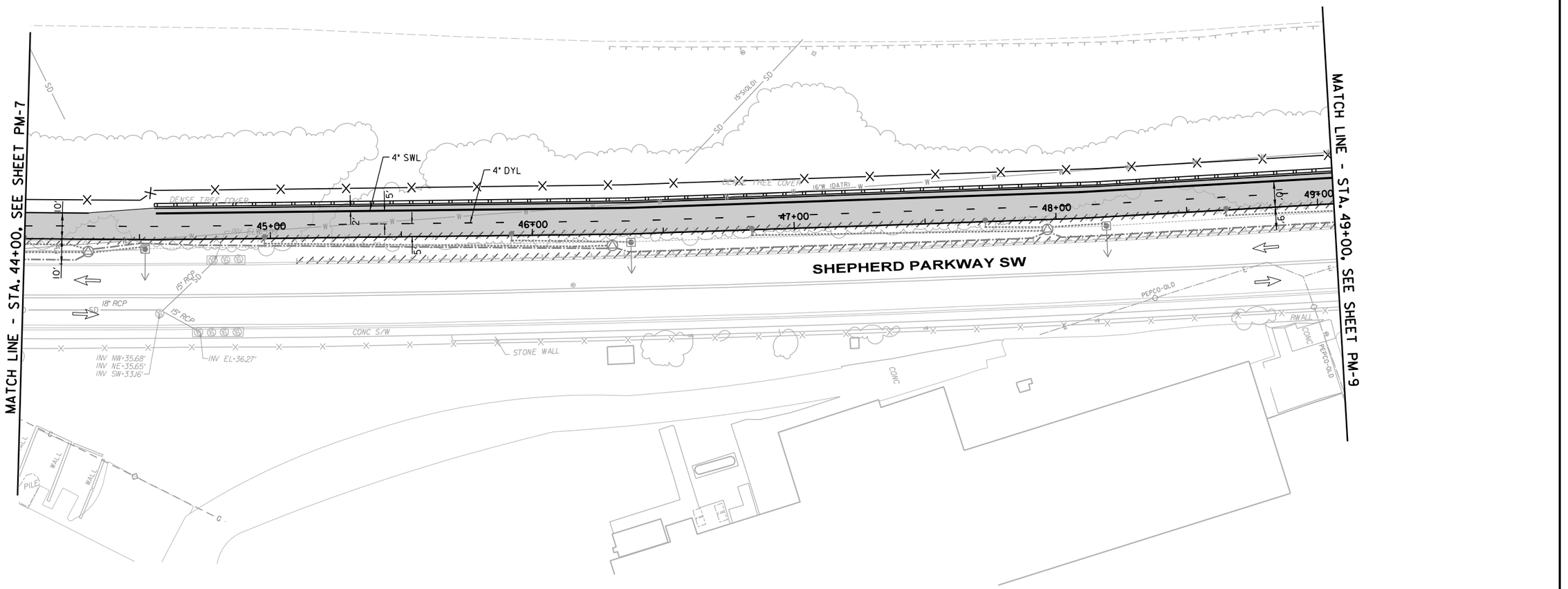
DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 450 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	451	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER



SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

PM-8

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

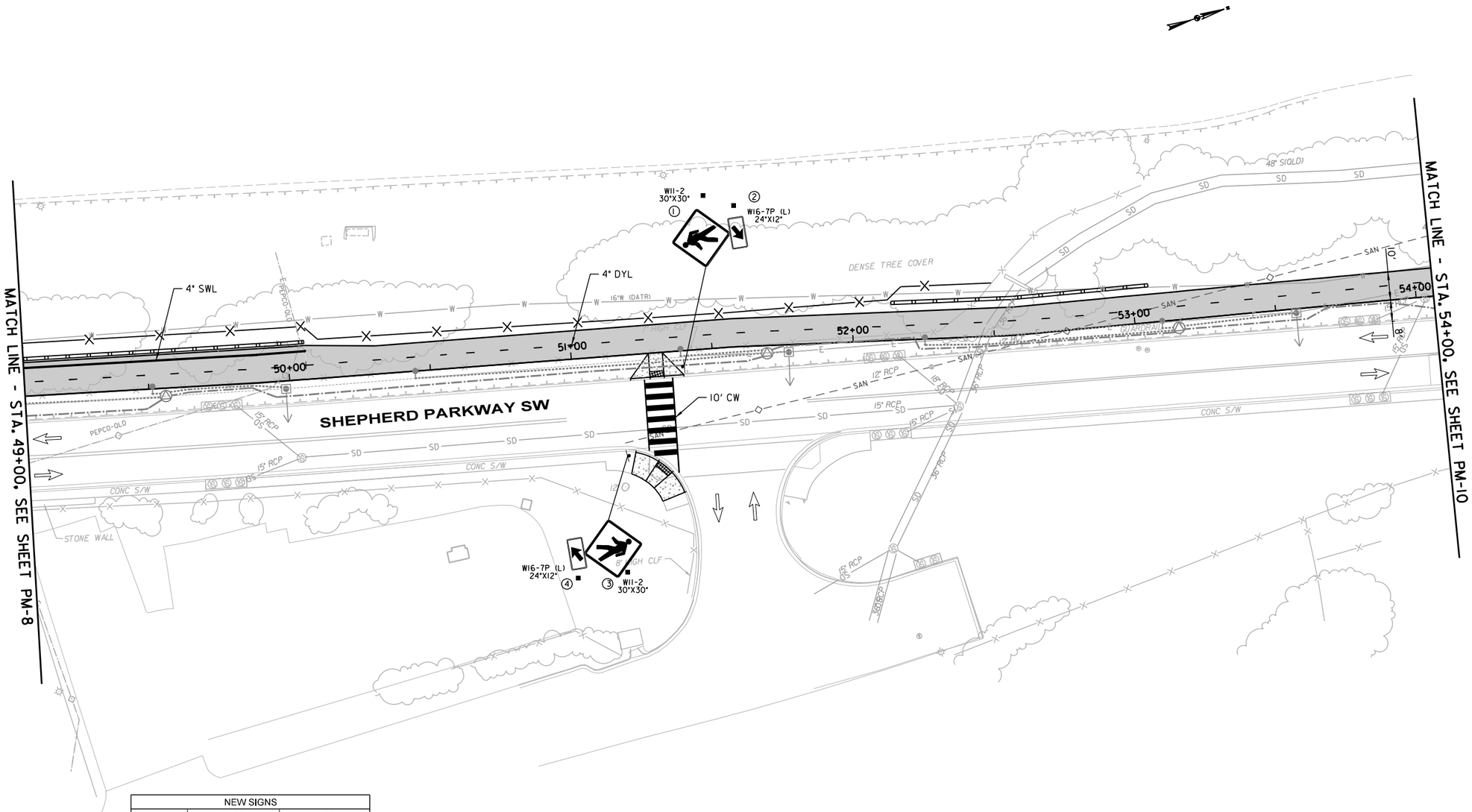
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 451 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	452	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER



NEW SIGNS		
No.	TYPE	SIZE
1	W11-2	30"x30"
2	W16-7P(L)	24"x12"
3	W11-2	30"x30"
4	W16-7P(L)	24"x12"

SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

PM-9

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

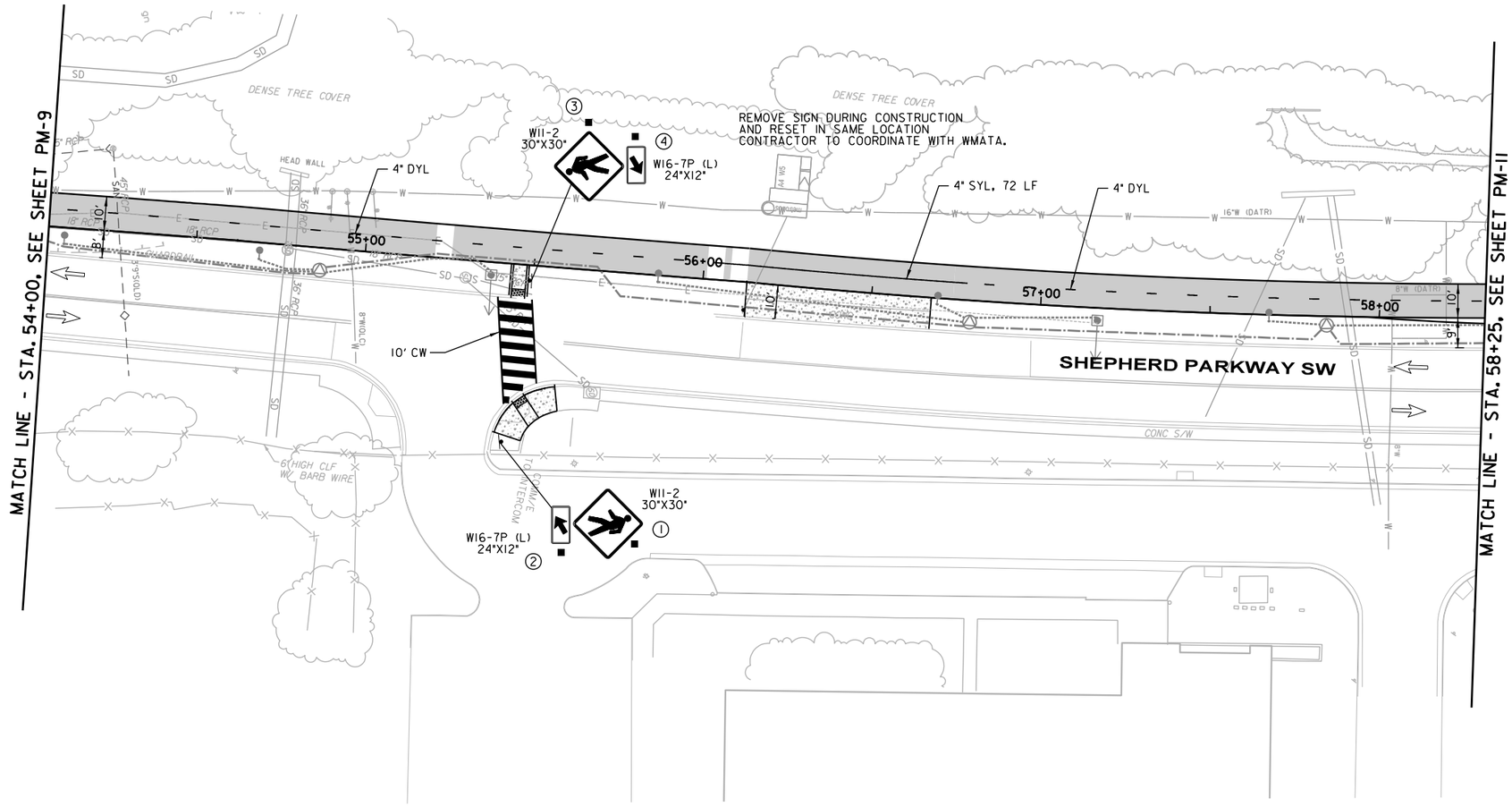
DATE
FILE

SHEET 452 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	453	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER



NEW SIGNS		
No.	TYPE	SIZE
1	W11-2	30"x30"
2	W16-7P(L)	24"x12"
3	W11-2	30"x30"
4	W16-7P(L)	24"x12"

SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

20' 0 20' 40'
SCALE: 1"=20'

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

PM-10

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

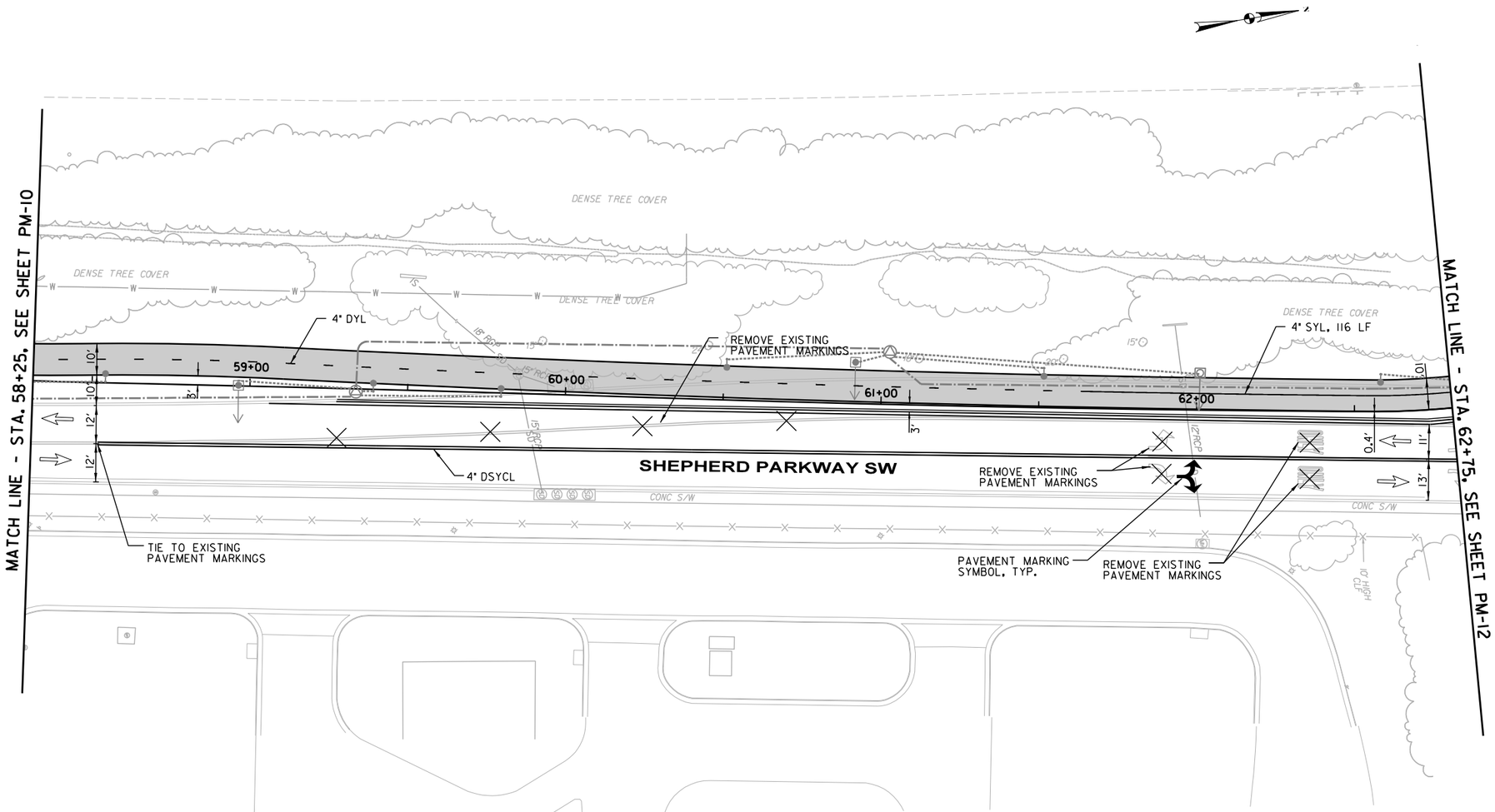
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 453 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	454	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER



SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

PM-11

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

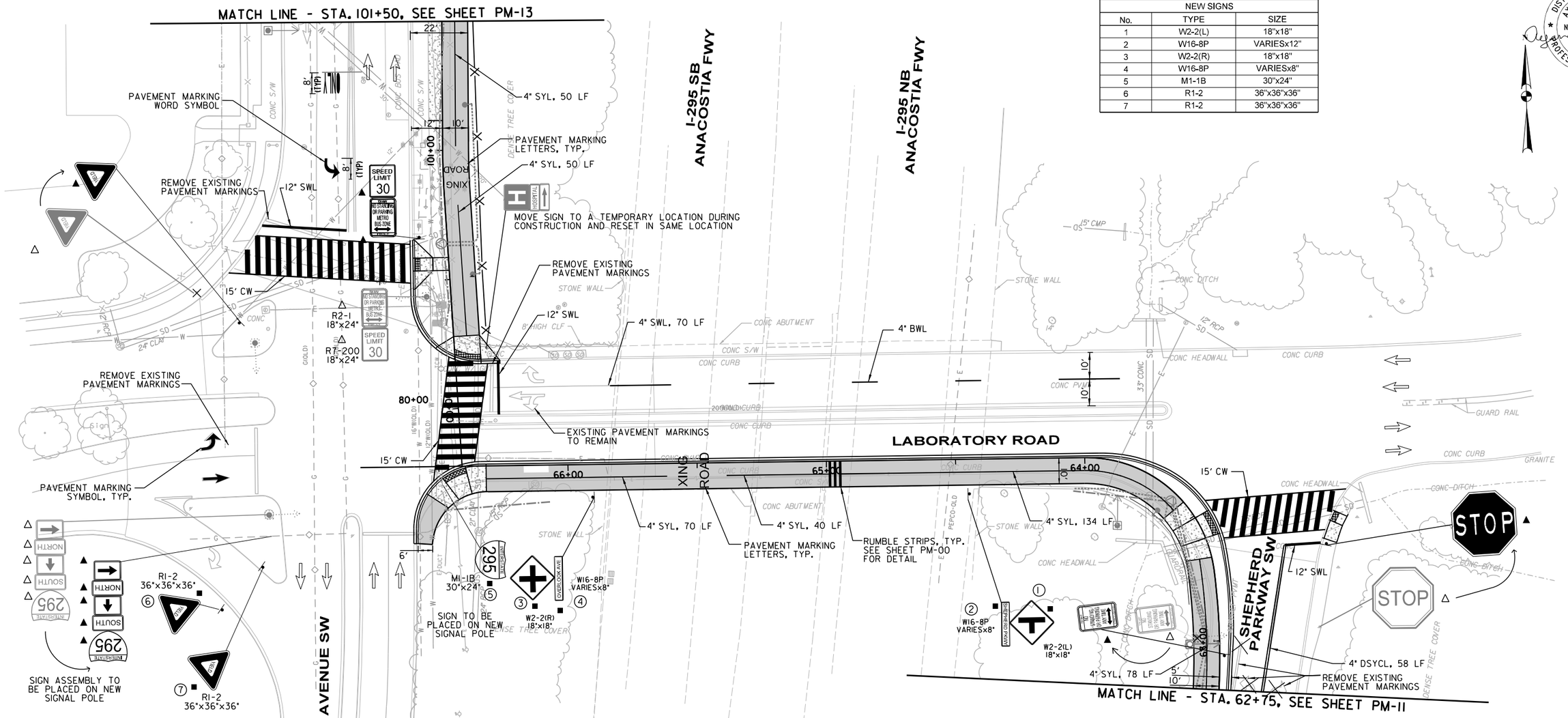
DIVISION CHIEF
DATE
FILE
SHEET 454 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	455	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER

NEW SIGNS		
No.	TYPE	SIZE
1	W2-2(L)	18"x18"
2	W16-8P	VARIESx12"
3	W2-2(R)	18"x18"
4	W16-8P	VARIESx8"
5	M1-1B	30"x24"
6	R1-2	36"x36"x36"
7	R1-2	36"x36"x36"



SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

PM-12

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

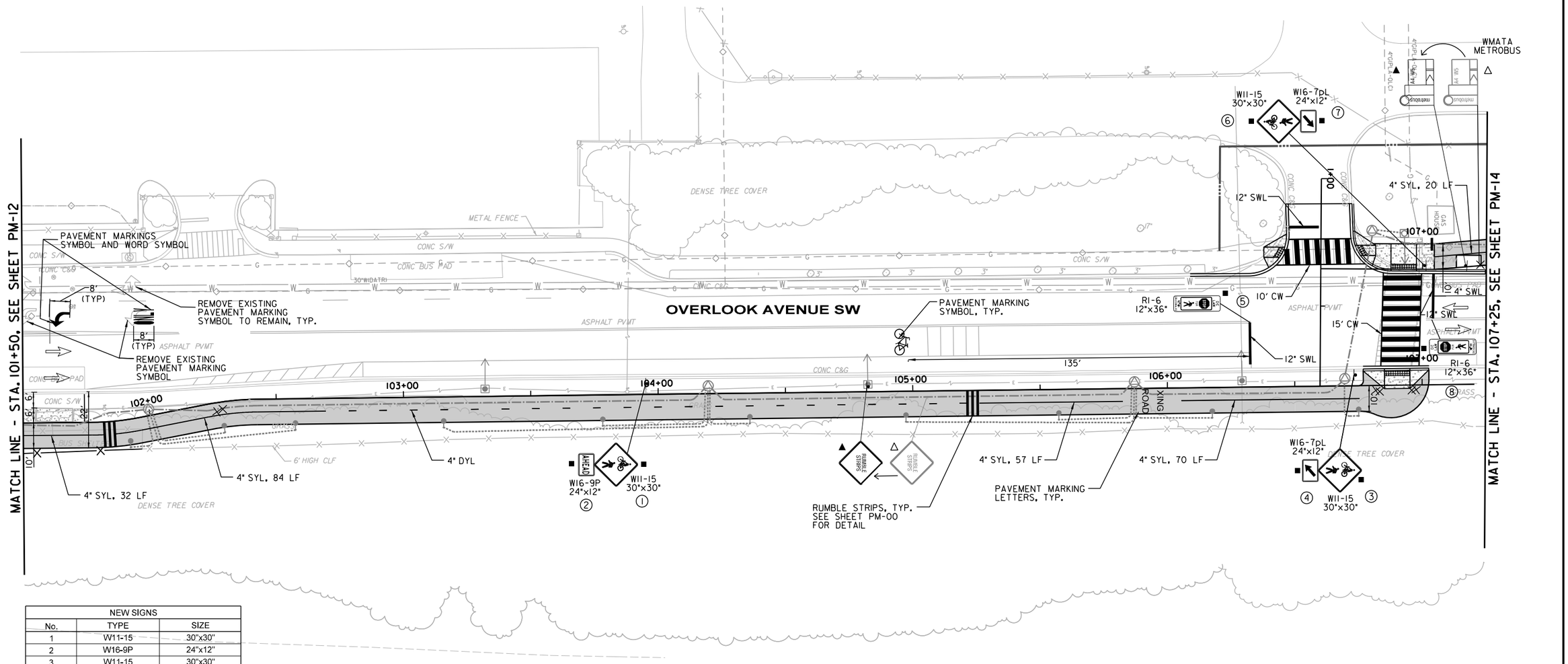
DIVISION CHIEF

DATE
FILE
SHEET 455 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	456	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER



NEW SIGNS		
No.	TYPE	SIZE
1	W11-15	30"x30"
2	W16-9P	24"x12"
3	W11-15	30"x30"
4	W16-7pL	24"x12"
5	R1-6	12"x36"
6	W11-15	30"x30"
7	W16-7pL	24"x12"
8	R1-6	12"x36"

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

PM-13

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

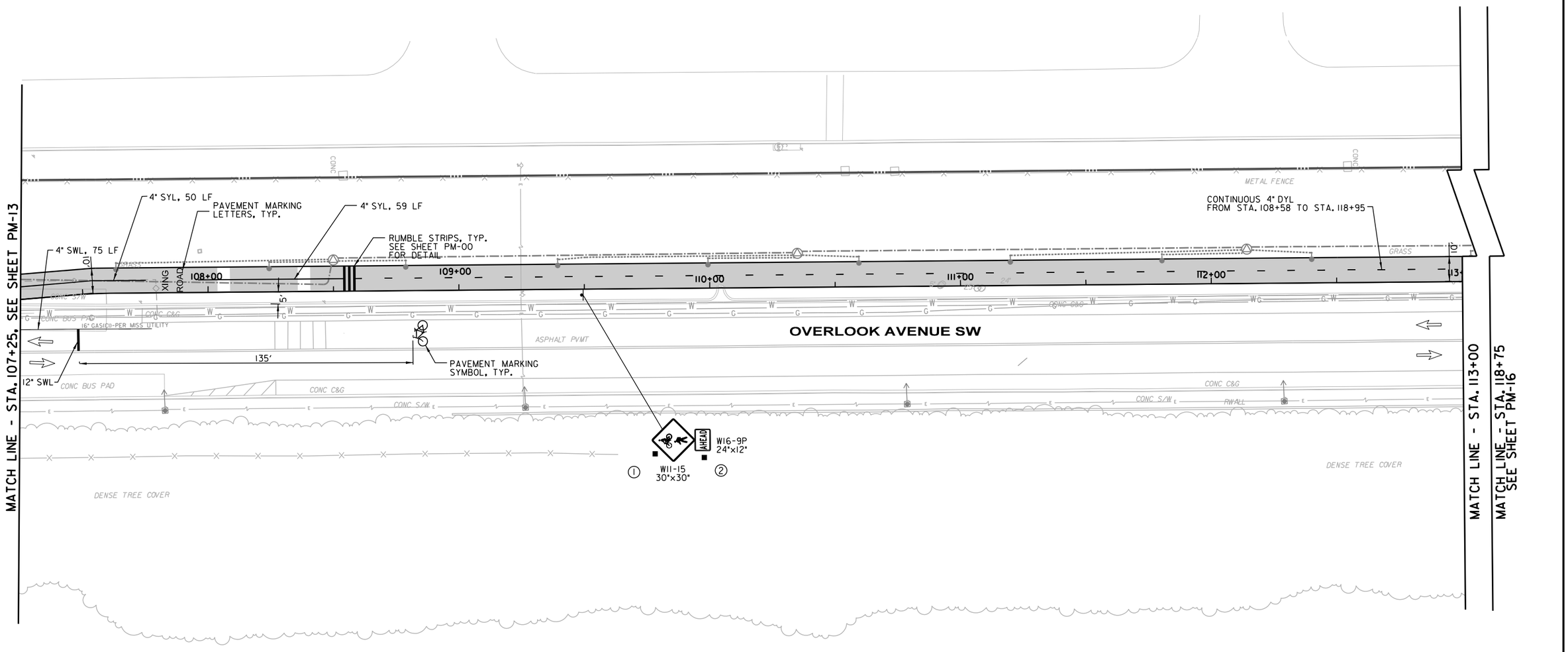
DATE
FILE
SHEET 456 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	457	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER

NEW SIGNS		
No.	TYPE	SIZE
1	W11-15	30"x30"
2	W16-9P	24"x12"



SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES;

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE

REVISIONS

PM-14

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE
SHEET 457 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	458	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER

NEW SIGNS		
No.	TYPE	SIZE
1	R10-15	30"x30"

MATCH LINE - STA. 113+00
SEE SHEET PM-14

MATCH LINE - STA. 118+75

MAGAZINE RD SW

CONTINUOUS 4" DYL
FROM STA. 108+58 TO STA. 118+95

4" SYL, 90 LF

4" SYL, 70 LF

12" SWL

TIE IN TO EXISTING
PAVEMENT MARKING

4" DSYCL, 21 LF

REMOVE EXISTING
PAVEMENT MARKINGS

PAVEMENT MARKING
LETTERS, TYP.

15' CW

R10-15
30"x30"

SIGN TO BE
PLACED ON NEW
SIGNAL POLE

12" SWL

REMOVE EXISTING
PAVEMENT MARKINGS

WMATA
METROBUS

REMOVE SIGN BEFORE CONSTRUCTION
AND REPLACE IN SAME LOCATION

4" SYL, 72 LF

PAVEMENT MARKING
LETTERS, TYP.

4" SYL, 58 LF

RUMBLE STRIPS, TYP.
SEE SHEET PM-00
FOR DETAIL

4" DYL

RETAIN DO NOT
ENTER SIGN.

REMOVE SIGN BEFORE CONSTRUCTION
AND REPLACE IN SAME LOCATION

OVERLOOK AVENUE SW

CHESAPEAKE ST. SW

MATCH LINE - STA. 124+75
SEE SHEET PM-17

SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES;

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

PM-16

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF

DATE

FILE

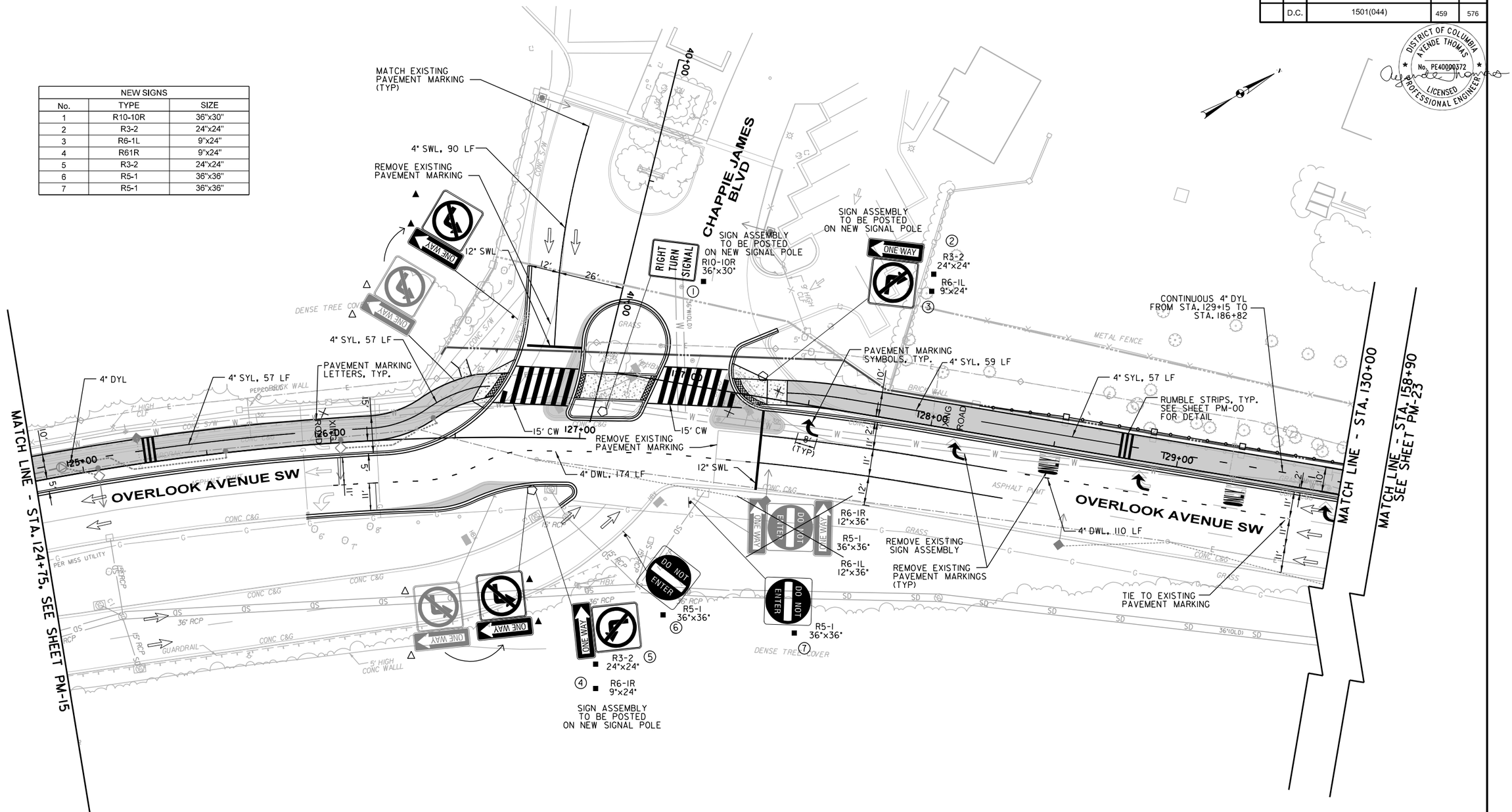
SHEET 458 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	459	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER

NEW SIGNS		
No.	TYPE	SIZE
1	R10-10R	36"x30"
2	R3-2	24"x24"
3	R6-1L	9"x24"
4	R61R	9"x24"
5	R3-2	24"x24"
6	R5-1	36"x36"
7	R5-1	36"x36"



SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

PM-17

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

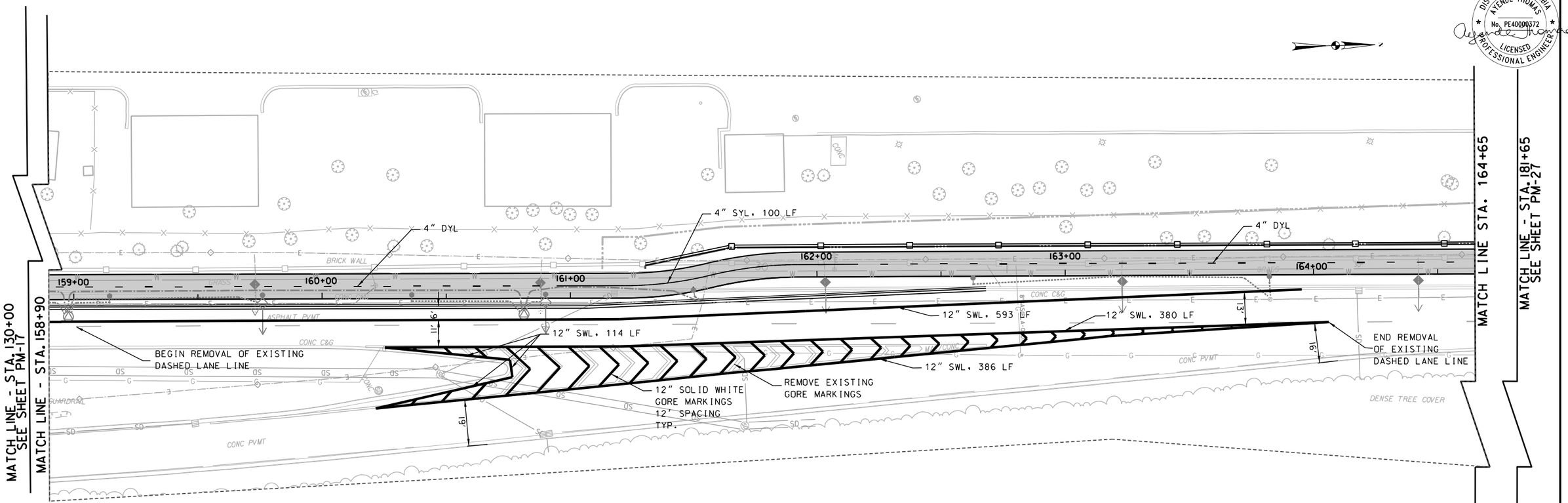
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 459 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	460	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED PROFESSIONAL ENGINEER



20' 0 20' 40'
SCALE: 1"=20'

SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
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- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

PM-23

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

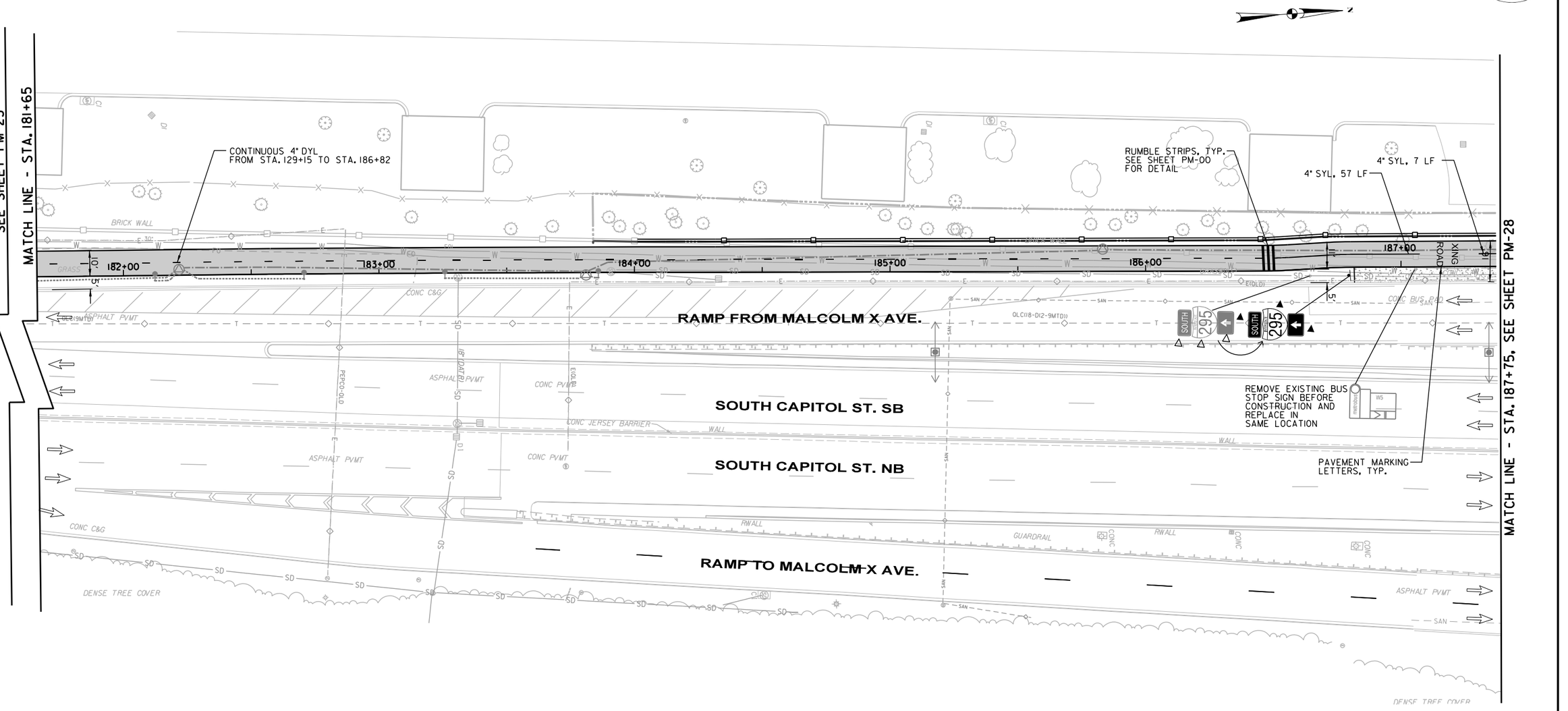
DIVISION CHIEF

DATE
FILE
SHEET 460 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	461	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER



SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

PM-27

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 461 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	462	576

DISTRICT OF COLUMBIA · AYENDE THOMAS · No. PE40000372 · LICENSED PROFESSIONAL ENGINEER

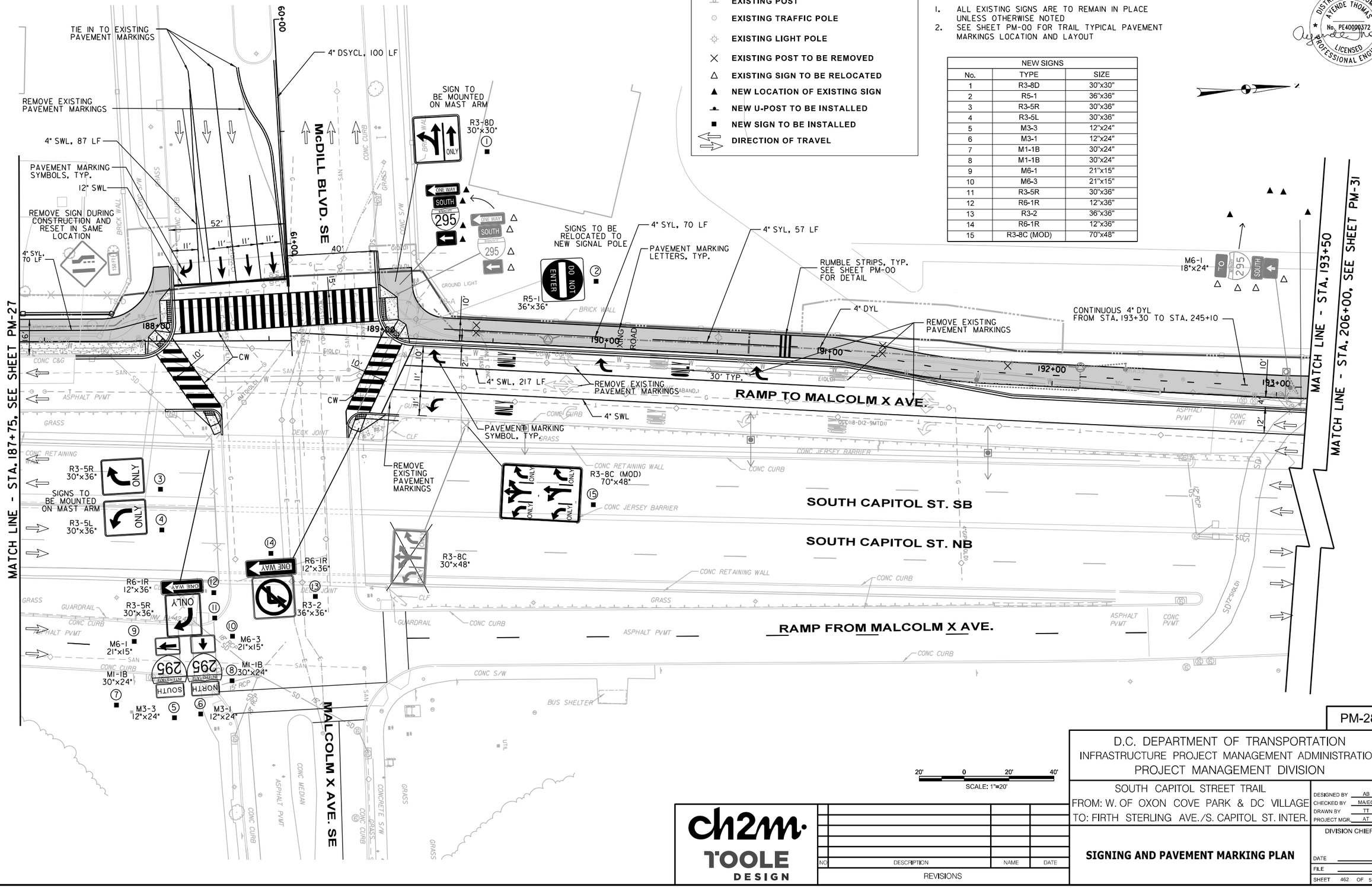
SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

NEW SIGNS		
No.	TYPE	SIZE
1	R3-8D	30"x30"
2	R5-1	36"x36"
3	R3-5R	30"x36"
4	R3-5L	30"x36"
5	M3-3	12"x24"
6	M3-1	12"x24"
7	M1-1B	30"x24"
8	M1-1B	30"x24"
9	M6-1	21"x15"
10	M6-3	21"x15"
11	R3-5R	30"x36"
12	R6-1R	12"x36"
13	R3-2	36"x36"
14	R6-1R	12"x36"
15	R3-8C (MOD)	70"x48"



20' 0 20' 40'
SCALE: 1"=20'

ch2m· TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

PM-28

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 462 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	463	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER

MATCH LINE - STA. 193+50
SEE SHEET PM-28

MATCH LINE - STA. 206+00

BRICK WALL

4" DYL

206+00

207+00

208+00

209+00

210+00

300+00

301+00

302+00

303+00

6" BWL

TIE TO EXISTING
PAVEMENT MARKING

REMOVE EXISTING
PAVEMENT MARKINGS

SOUTH CAPITOL ST. SB

SOUTH CAPITOL ST. NB

CONC CURB

CONC PVMT

GRASS

STONE WALL

RAILROAD TRACK

8'4"X9'4" COMBINED SEWER (OLD)

PEPCO OHL

PEPCO PIPES (OLD)

15" RCP

18" RCP

SD 15" RCP (DATR) SD

MATCH LINE STA. 210+50 - SEE SHEET PM-32

N

20' 0 20' 40'
SCALE: 1"=20'

SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

PM-31

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 463 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	464	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER

MATCH LINE - STA. 210+50 - SEE SHEET PM-31

MATCH LINE - STA. 216+50
SEE SHEET PM-36

MATCH LINE - STA. 235+00

REMOVE EXISTING PAVEMENT MARKINGS

6" BWL

4" DYL

CONTINUOUS 4" DYL FROM STA. 217+00 TO STA. 245+00

TIE TO EXISTING PAVEMENT MARKING

SOUTH CAPITOL ST. SB

SOUTH CAPITOL ST. NB

211+00 212+00 213+00 214+00 215+00 216+00

305+00 306+00 307+00 308+00 309+00

CONC S/W
CONC CURB
ASPHALT
CLF
RAILROAD TRACK
GUARDRAIL
CONC PVMT
REPCO-OLD
STONE RETAINING WALL
5' HIGH STONE RETAINING WALL
GRASS
SD
15" RCP
INV SE=11.25'
INV SE=12.14'
INV NW=11.23'
INV EL=12.20'
INV SE=15.03'
INV NW=14.19'
INV EL=15.96'
INV NW=8.73'
INV NE=8.49'
INV S=9.93'
INV SW=13.71'
INV NW=9.43'

SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE
	REVISIONS		

PM-32

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING

DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF

DATE
FILE
SHEET 464 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	465	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER

MATCH LINE - STA. 216+50
SEE SHEET PM-32
MATCH LINE - STA. 235+00

MATCH LINE - STA. 240+00
SEE SHEET PM-37

CONTINUOUS 4" DYL
FROM STA. 235+00 TO STA. 240+00

SOUTH CAPITOL ST. SB

SOUTH CAPITOL ST. NB

NO INVERT INFORMATION

ASPHALT S/W
CONC S/W
CONCRETE S/W
CATENARY POLE
7' HIGH CHAIN LINK
GRASS
CLF
CONC CURB
CONC
ASPHALT PARKING
PLAY AREA
GENERATOR
PEPCO-OLD
108" COMBINED SEWER
84" COMBINED SEWER
SAN
SD
W
G
E
15" RCP
18" RCP
78" RCP
15" STEEL
INV EL=9.21'
INV EL=8.84'
INV EL=7.28'
INV EL=6.77'
INV EL=7.14'

SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

20' 0 20' 40'
SCALE: 1"=20'

ch2m· TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

PM-36

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

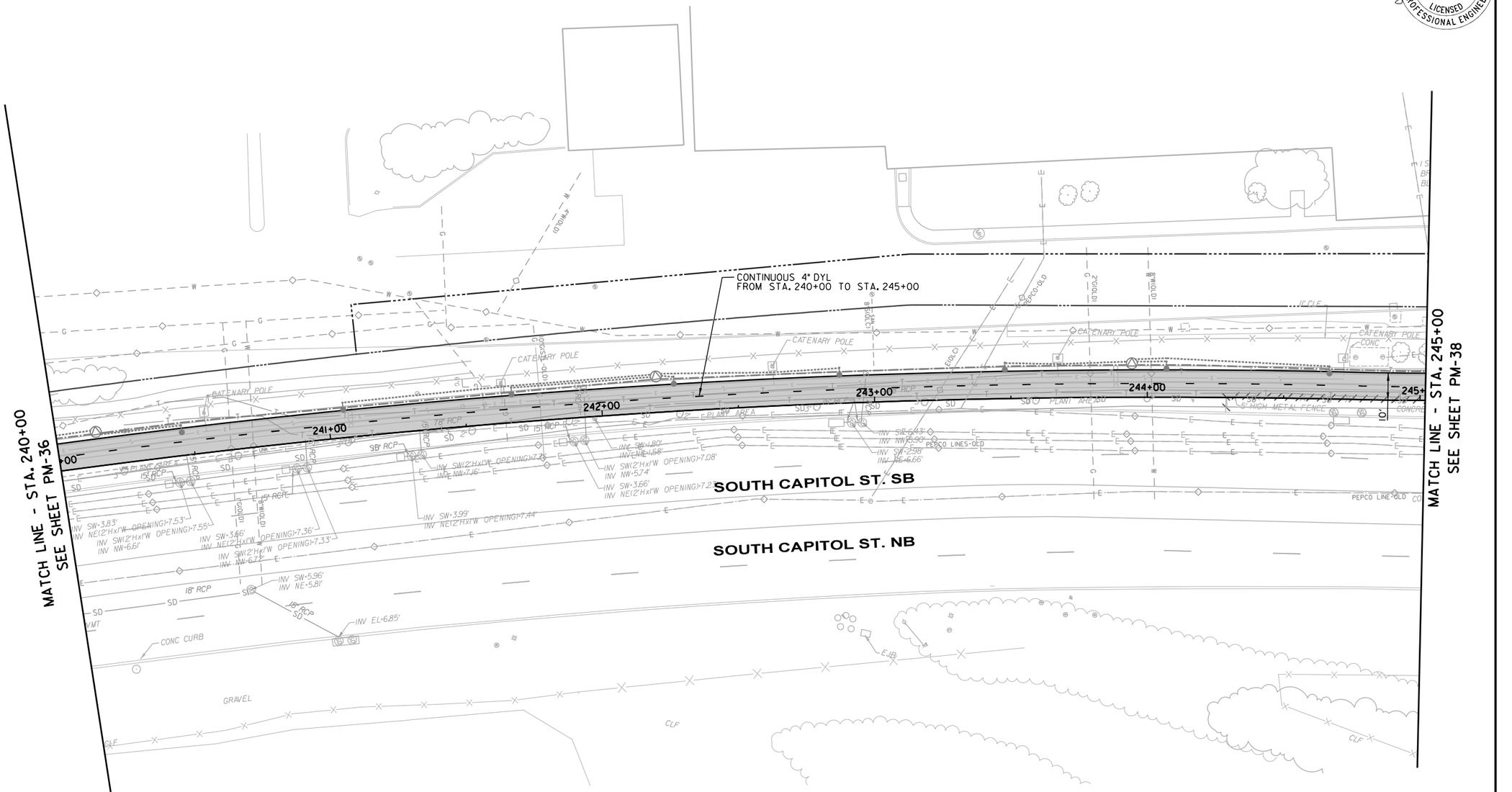
DESIGNED BY AB
CHECKED BY MA/EG
DRAWN BY TT
PROJECT MGR. AT

DIVISION CHIEF
DATE
FILE
SHEET 465 OF 576

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	466	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER



NOTES:

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2. SEE SHEET PM-00 FOR TRAIL TYPICAL PAVEMENT MARKINGS LOCATION AND LAYOUT

SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- NEW LOCATION OF EXISTING SIGN
- NEW U-POST TO BE INSTALLED
- NEW SIGN TO BE INSTALLED
- DIRECTION OF TRAVEL

20' 0 20' 40'
SCALE: 1"=20'

PM-37

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 466 OF 576

ch2m· TOOLE DESIGN

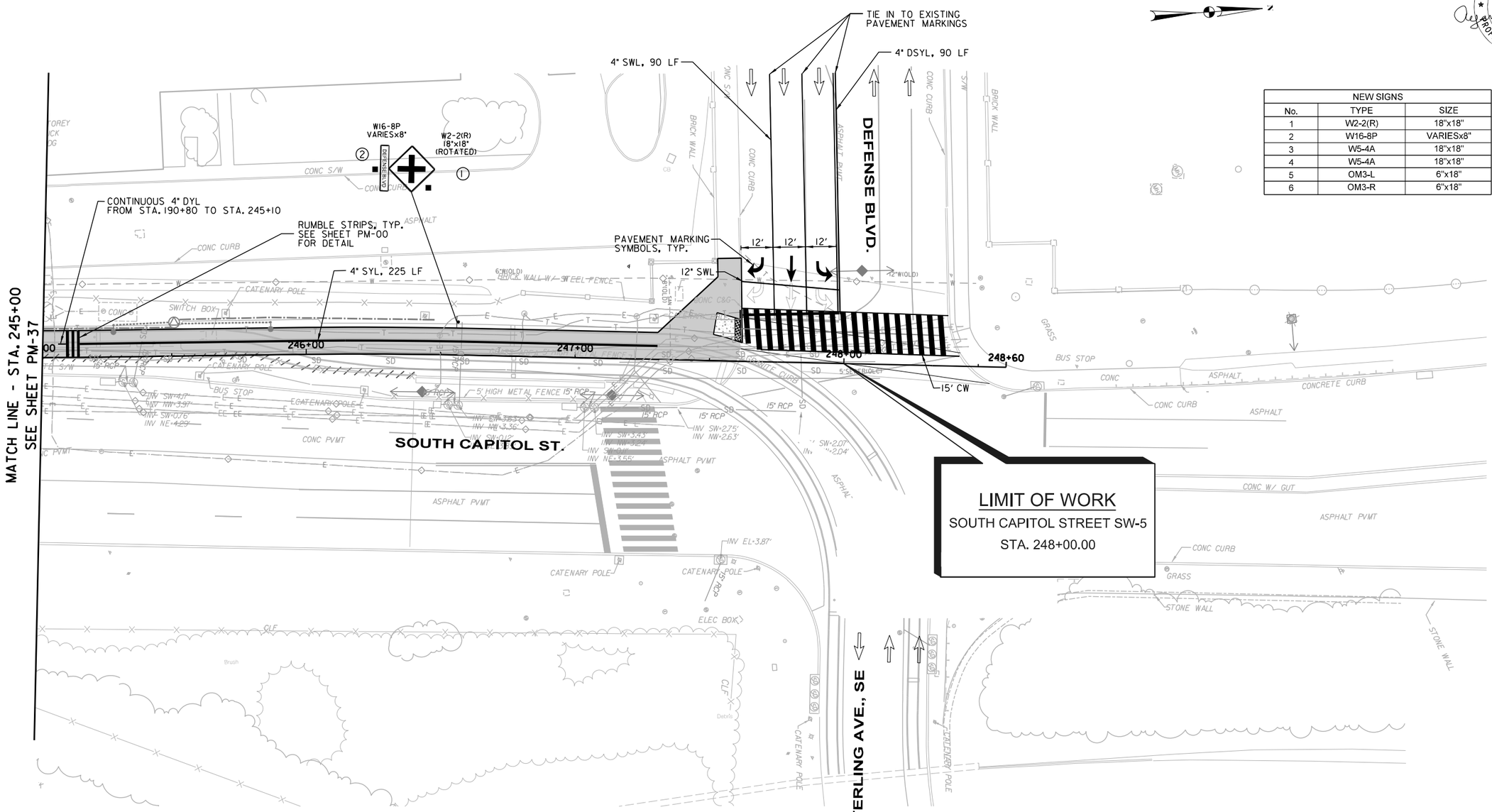
NO.	DESCRIPTION	NAME	DATE

REVISIONS

$DATE$
$FILE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	467	576

DISTRICT OF COLUMBIA
AYENDE THOMAS
No. PE40000372
LICENSED
PROFESSIONAL ENGINEER



NEW SIGNS		
No.	TYPE	SIZE
1	W2-2(R)	18"x18"
2	W16-8P	VARIESx8"
3	W5-4A	18"x18"
4	W5-4A	18"x18"
5	OM3-L	6"x18"
6	OM3-R	6"x18"

SIGN LEGEND

- EXISTING POST
- EXISTING TRAFFIC POLE
- EXISTING LIGHT POLE
- EXISTING POST TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
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20' 0 20' 40'
SCALE: 1"=20'

ch2m TOOLE DESIGN

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

PM-38

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

SIGNING AND PAVEMENT MARKING PLAN

DESIGNED BY	AB
CHECKED BY	MA/EG
DRAWN BY	TT
PROJECT MGR.	AT

DIVISION CHIEF
DATE
FILE
SHEET 467 OF 576

$DATE$
$FILE$

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	468	576

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF THE DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS, AND CONTRACT SPECIAL PROVISIONS.
B. THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.
C. THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE. THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
D. THE CONTRACTOR SHALL FURNISH ALL TEMPORARY, PORTABLE, CONCRETE BASES, TRAFFIC SIGNAL POLES, TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRANSFORMER BASES, AND ALL MOUNTING HARDWARE.
E. THE CONTRACTOR SHALL RETURN ALL REMOVED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. KENAN BESS 72 HOURS IN ADVANCE AT (202) 439-4736 TO ARRANGE SERVICE.
F. NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FEET CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.
G. THE CONTRACTOR MUST COORDINATE THE INSTALLATION OF THE CCTV CAMERA EQUIPMENT AND CABLES WITH DDOT.
H. ALL TEMPORARY POLES SHALL BE PROPERLY GROUNDED. DDOT SIGNAL TECHNICIAN WILL NOT ACTIVATE ANY SIGNAL UNLESS POLES ARE PROPERLY GROUNDED.
I. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER ALIGNMENT AND OPERATION OF ALL SIGNALS ON TEMPORARY POLES.
J. NO TEMPORARY CABLES SHALL BE DIRECT BURIED. ALL TEMPORARY CABLING SHALL BE PROPERLY ENCLOSED IN FLEX CONDUIT AND SHALL BE ACCESSIBLE SHOULD EMERGENCY REPLACEMENT BE REQUIRED.
K. STREETLIGHTS MUST BE MAINTAINED AT ALL TIMES. USE PROPOSED LUMINAIRES AS NECESSARY.

REMOVAL NOTES:

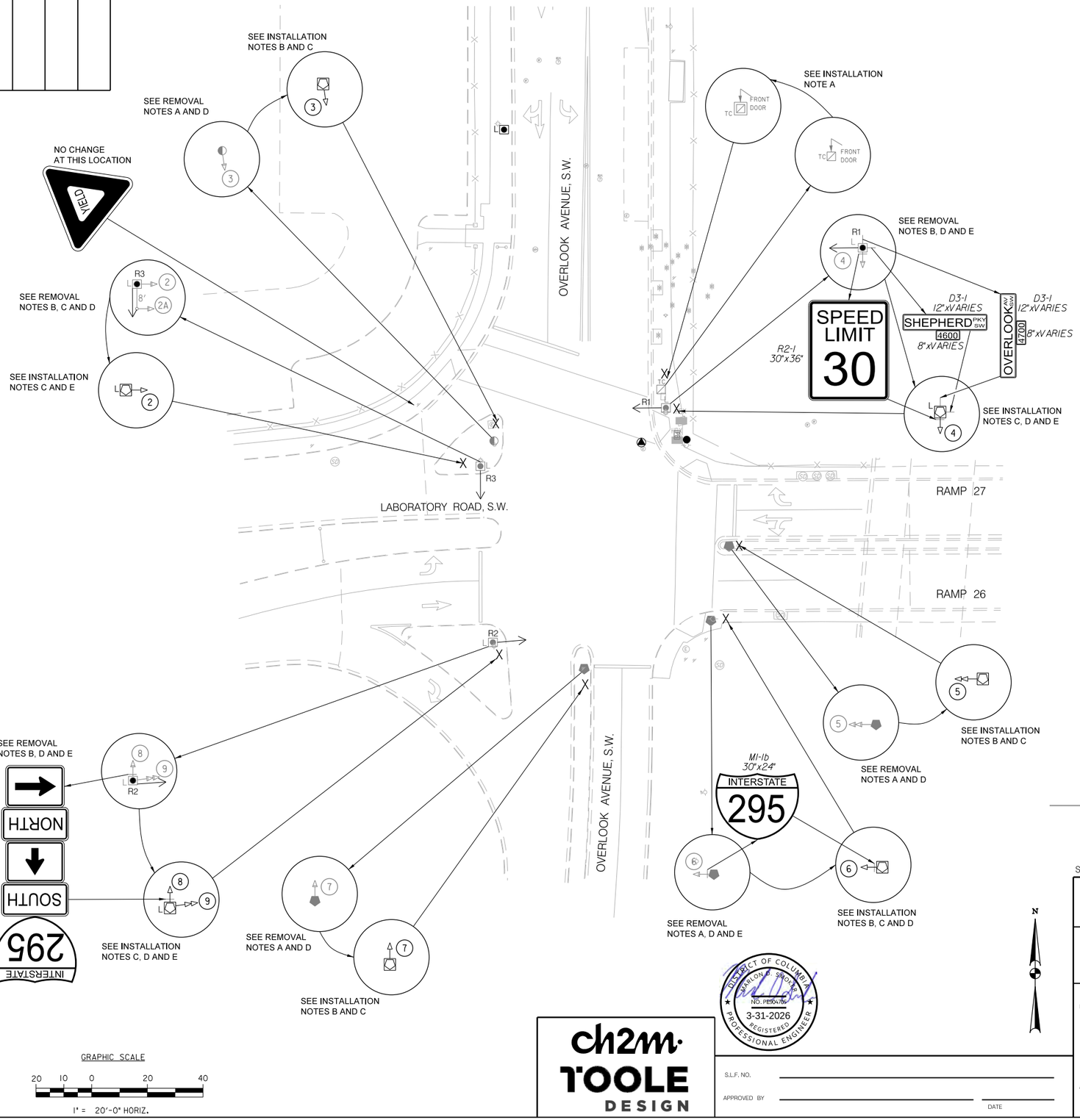
A. REMOVE EXISTING TRAFFIC SIGNAL POLE (ANY TYPE).
B. REMOVE EXISTING STEEL PENDANT POST STREETLIGHT POLE AND LUMINAIRE.
C. REMOVE EXISTING 8-FOOT MAST ARM WITH CAP AND CLAMP.
D. REMOVE EXISTING TRAFFIC SIGNAL HEAD(S).
E. REMOVE EXISTING SIGN(S).

INSTALLATION NOTES:

A. RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET ONTO A STEEL TEMPORARY, PORTABLE, CONCRETE BASE.
B. INSTALL 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEELTRANSFORMER BASE ONTO A TEMPORARY, PORTABLE, CONCRETE BASE.
C. INSTALL LED TRAFFIC SIGNAL HEAD(S).
D. INSTALL PROPOSED SIGN(S).
E. INSTALL 20 FOOT STEEL TRAFFIC SIGNAL POLE, WITH A 100W LED WASHINGTON GLOBE LIGHT AND STEEL TRANSFORMER BASE ONTO A TEMPORARY, PORTABLE, CONCRETE BASE.

CABLE NOTES:

A. DDOT PERSONNEL WILL MAKE ALL ELECTRICAL CONNECTIONS INSIDE THE CONTROLLER CABINET. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS IN TRAFFIC AND PEDESTRIAN SIGNAL HEADS.
B. TEMPORARY SIGNAL CABLES EXTENDING OVER THE GROUND SURFACE SHALL BE PROTECTED BY FLEXIBLE PLASTIC CONDUIT.
C. THE CONTRACTOR SHALL PROVIDE 50 FEET OF SLACKCABLE COINED NEATLY AT EACH TEMPORARY, PORTABLE, CONCRETE BASE.



LEGEND:

- EXISTING TRAFFIC SIGNAL CONTROLLER
- EXISTING TRAFFIC SIGNAL CONTROLLER MOUNTED ON A TEMPORARY, PORTABLE, CONCRETE BASE
- PROPOSED LOCATION OF A TEMPORARY, PORTABLE, CONCRETE BASE
- EXISTING 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE
- EXISTING WOOD POLE
- EXISTING 28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH A STEEL TRANSFORMER BASE AND LUMINAIRE
- PROPOSED 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE MOUNTED ON A TEMPORARY, PORTABLE, CONCRETE BASE WITH 100W LED WASHINGTON CIRCLE
- PROPOSED 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE MOUNTED ON A TEMPORARY, PORTABLE, CONCRETE BASE
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATING DIRECTION OF LIGHT
- EXISTING 3-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED 3-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- EXISTING 4-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED 4-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- EXISTING PULL BOX
- EXISTING CATCH BASIN(S)
- EXISTING WHEELCHAIR RAMP
- EXISTING TRAFFIC SIGN
- EXISTING BUS STOP SIGN
- EXISTING FIRE HYDRANT
- EXISTING WATER MANHOLE
- EXISTING SEWER MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING UNKNOWN MANHOLE
- EXISTING PEPCO ELECTRICAL MANHOLE
- EXISTING DDOT MANHOLE (4'X4'X4')
- RIGHT OF WAY LINE

GRAPHIC SCALE
20 10 0 20 40
1" = 20'-0" HORIZ.

DISTRICT OF COLUMBIA MARLON D. SIMMONS NO. PE904780 REGISTERED PROFESSIONAL ENGINEER 3-31-2026

ch2m· TOOLE DESIGN

S.L.F. NO.
APPROVED BY ____ DATE

SEQUENCE OF OPERATION DRAWING NO. TS-1365-F, ACISA NO. 4170

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE, LABORATORY ROAD, RAMP 26 AND RAMP 27, S.W.
TRAFFIC SIGNAL MODIFICATION

RECOMMENDED
TRAFFIC SIGNAL PROJECT ENGINEER ____ DATE
TRAFFIC SIGNAL MAINTENANCE MANAGER ____ DATE
APPROVED
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER ____ DATE

SG-01	
STAGE	1
FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	09 /2024
SCALE	1" = 20'
SHEET	1
OF	1
DRAWING NO.	1582-E

3/30/2026
pSG-P001_STAGE_1.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	469	576

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF THE DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS, AND CONTRACT SPECIAL PROVISIONS.
B. THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.
C. THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE. THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
D. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS, MANHOLES, POLE FOUNDATIONS, AND CONTROLLER CABINET FOUNDATION.
E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRAFFIC SIGNAL POLES, TRANSFORMER BASES, APS UNITS, CCTV CAMERA, TRAFFIC SIGNAL CONTROLLER, CABINET, EXTERNAL UNINTERRUPTED POWER SUPPLY (UPS) SYSTEM, AND ALL MOUNTING HARDWARE.
F. THE CONTRACTOR SHALL RETURN ALL REMOVED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. KENAN BESS 72 HOURS IN ADVANCE AT (202) 439-4736 TO ARRANGE SERVICE.
G. NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FEET CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.
H. THE CONTRACTOR MUST COORDINATE THE INSTALLATION OF THE CCTV CAMERA EQUIPMENT AND CABLES WITH DDOT.
I. A NEW PEPCO ELECTRICAL SERVICE IS REQUIRED. THE CONTRACTOR SHALL COORDINATE SERVICE INSTALLATION WITH PEPCO IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.

REMOVAL NOTE:

A. REMOVE EXISTING SIGN(S).

INSTALLATION NOTES:

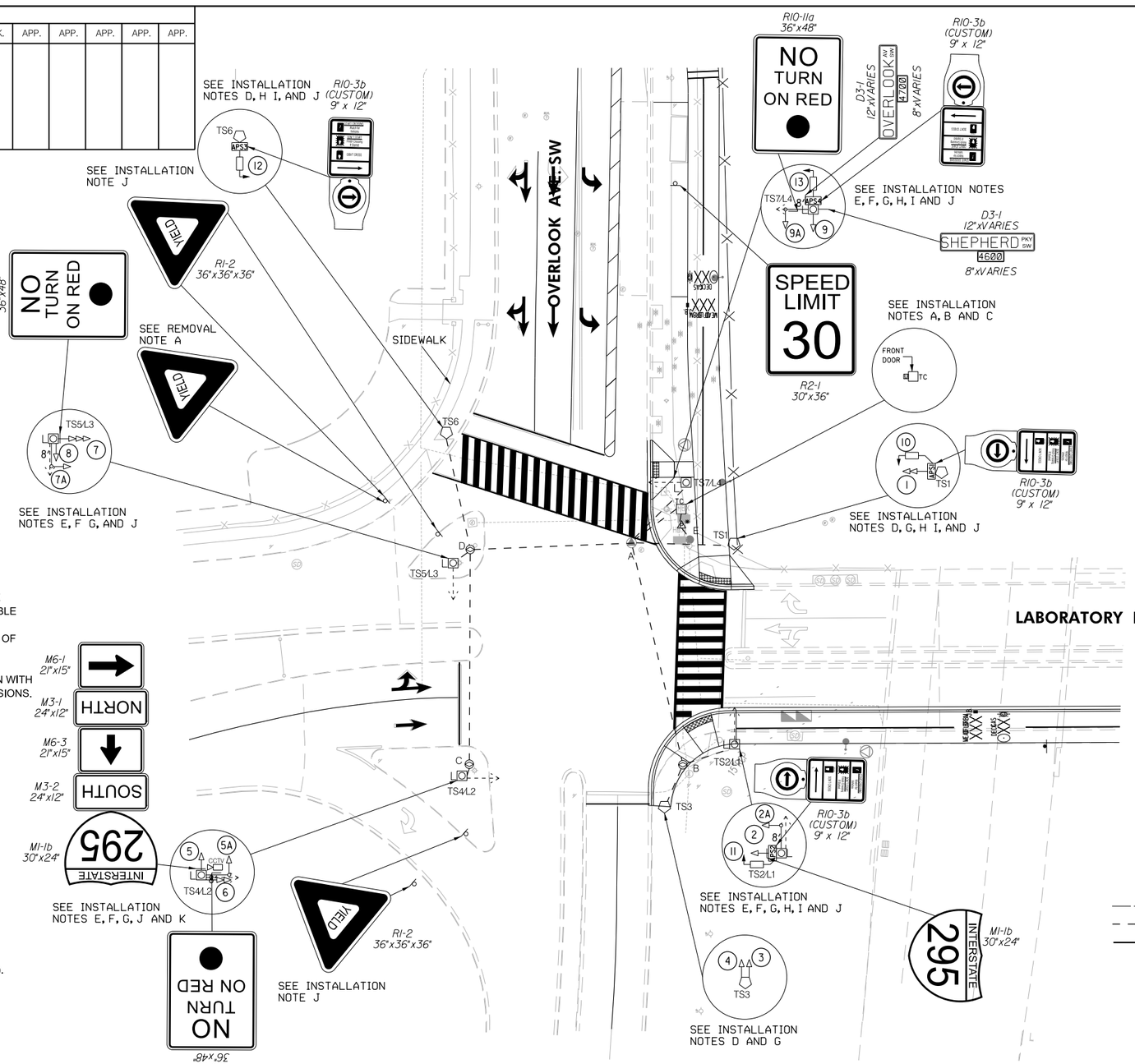
A. INSTALL TRAFFIC SIGNAL CONTROLLER CABINET FOUNDATION.
B. INSTALL TRAFFIC SIGNAL CONTROLLER CABINET.
C. INSTALL TRAFFIC SIGNAL CONTROLLER.
D. INSTALL 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE.
E. INSTALL 28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH A STEEL TRANSFORMER BASE AND LUMINAIRE.
F. INSTALL 8-FOOT MAST ARM WITH CAP AND CLAMP.
G. INSTALL LED TRAFFIC SIGNAL HEAD(S) WITH RETROREFLECTIVE BACKPLATE.
H. INSTALL LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD(S).
I. INSTALL APS UNIT(S).
J. INSTALL NEW SIGN(S).
K. INSTALL CCTV CAMERA.

MAST ARM NOTES:

A. A BACK PLATE SHALL BE AFFIXED TO EACH MAST ARM MOUNTED SIGNAL HEAD.
B. THE BOTTOM OF MAST ARM MOUNTED SIGNAL HEADSSHALL BE 16 FEET ABOVE THE ROADWAY SURFACE.
C. AN ASTRO-BRAC OR APPROVED EQUIVALENT SHALL BE USED TO MOUNT SIGNAL HEADS (2A, 5A, 7A AND 9A) TO MAST ARMS.

CABLE NOTES:

A. DDOT PERSONNEL WILL MAKE ALL ELECTRICAL CONNECTIONS INSIDE THE CONTROLLER CABINET. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS IN TRAFFIC AND PEDESTRIAN SIGNAL HEADS.
B. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW, UNSPLICED 7 CONDUCTOR 14AWG STRANDED CABLE TO ALL SIGNAL HEADS.
C. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW, UNSPLICED SHIELDED 4 CONDUCTOR 18AWG STRANDED CABLES TO ALL APS PUSH BUTTONS. A SEGMENT OF 4 CONDUCTOR 18AWG SHIELDED, STRANDED CABLE SHALL EXTEND FROM EACH POLE MOUNTED APS UNIT TO THE 2-SECTION PEDESTRIAN SIGNAL HEAD MOUNTED ON THE SAME POLE.
D. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW 25 PAIR 19AWG COMMUNICATION CABLES.



LEGEND:

- TC PROPOSED TYPE 2070 TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET
- UNINTERRUPTED POWER SUPPLY (UPS) SYSTEM
- EXISTING WOOD POLE
- L EXISTING 28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH A STEEL TRANSFORMER BASE AND LUMINAIRE
- L PROPOSED 28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH A STEEL TRANSFORMER BASE AND LUMINAIRE
- PROPOSED 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATING DIRECTION OF LIGHT
- PROPOSED 3-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED 4-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED 5-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD
- APS PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (APS)
- 8' PROPOSED 8-FOOT MAST ARM WITH CAP AND CLAMP
- CCTV PROPOSED CCTV CAMERA
- PB EXISTING PULL BOX
- (SD) (SD) EXISTING CATCH BASIN(S)
- PROPOSED ADA COMPLIANT WHEELCHAIR RAMP
- EXISTING TRAFFIC SIGN
- EXISTING BUS STOP SIGN
- EXISTING FIRE HYDRANT
- (W) EXISTING WATER MANHOLE
- (S) EXISTING SEWER MANHOLE
- (U) EXISTING UNKOWN MANHOLE
- (E) EXISTING PEPCO ELECTRICAL MANHOLE
- (T) EXISTING TELEPHONE MANHOLE
- EXISTING DDOT MANHOLE (4'X4'X4')
- PROPOSED DDOT MANHOLE (3'X3'X3')
- *A PROPOSED LOCATION FOR PEPCO POWER CONNECTION
- EXISTING TREE
- EXISTING METAL FENCE
- PROPOSED DDOT ELECTRICAL PVC CONDUIT
- R.O.W. RIGHT OF WAY LINE
- LED BLANK-OUT SIGN

GRAPHIC SCALE
20 10 0 20 40
1" = 20'-0" HORIZ.

SEQUENCE OF OPERATION DRAWING NO. TS-1365-H, ACISA NO. 4170

SG-02

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE, LABORATORY ROAD, RAMP 26 AND RAMP 27, S.W.
TRAFFIC SIGNAL MODIFICATION

FINAL

FIELD CHECKED BY: KN/MDS
DESIGNED BY: KN
DRAWN BY: KN
REVIEWED BY: MDS
DATE: 09 /2024
SCALE: 1" = 20'
SHEET 1 OF 3
DRAWING NO. S-1582-F

RECOMMENDED _____ DATE
TRAFFIC SIGNAL PROJECT ENGINEER

_____ DATE
TRAFFIC SIGNAL MAINTENANCE MANAGER

APPROVED _____ DATE
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER

DISTRICT OF COLUMBIA
MARLON D. SIMMONS
NO. PE30478
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

S.L.F. NO.

APPROVED BY _____ DATE

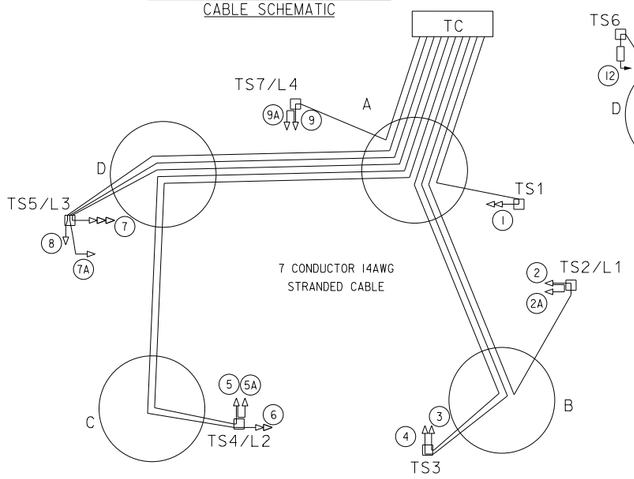
ch2m TOOLE DESIGN

3/30/2026
sSG-P002_FINAL.dgn

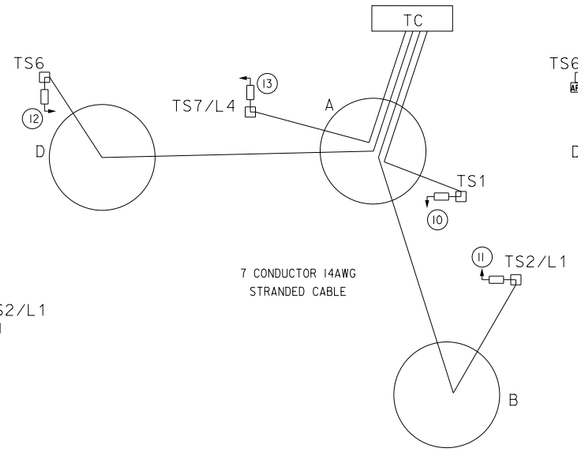
REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	470	576

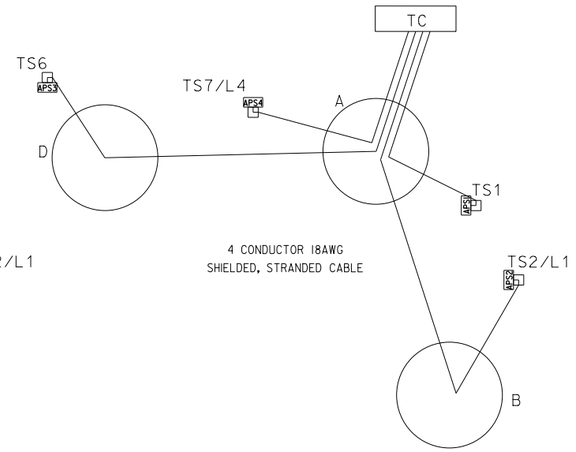
PROPOSED TRAFFIC SIGNAL HEAD CABLE SCHEMATIC



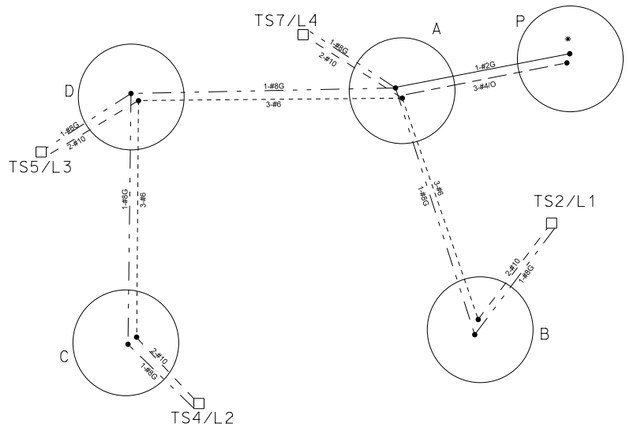
PROPOSED PEDESTRIAN SIGNAL HEAD CABLE SCHEMATIC



PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (APS) CABLE SCHEMATIC



PROPOSED STREETLIGHT CABLE SCHEMATIC



PROPOSED TRAFFIC SIGNAL HEAD CABLE ROUTING

TC - A - TS1 - 1
TC - A - B - TS2/L1 - 2
2 - 2A
TC - A - B - TS3 - 3
TC - A - B - TS3 - 4
TC - A - D - C - TS4/L2 - 5
5 - 5A
TC - A - D - C - TS4/L2 - 6
TC - A - D - TS5/L3 - 7
TC - A - D - TS5/L3 - 7A
TC - A - D - TS5/L3 - 8
TC - A - TS7/L4 - 9
9 - 9A

PROPOSED PEDESTRIAN SIGNAL HEAD CABLE ROUTING

TC - A - TS1 - 10
TC - A - B - TS2/L1 - 11
TC - A - D - TS6 - 12
TC - A - TS7/L4 - 13

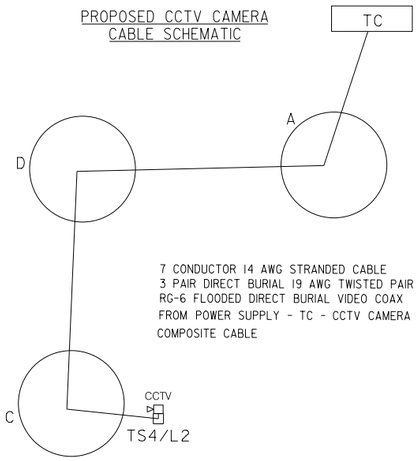
PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (APS) CABLE ROUTING

TC - A - TS1 - APS1
TC - A - B - TS2/L1 - APS2
TC - A - D - TS6 - APS3
TC - A - TS7/L4 - APS4

PROPOSED STREETLIGHT CABLE ROUTING

- P - A - B - TS2/L1
- P - A - D - C - TS4/L2
- P - A - D - TS5/L3
- P - A - TS7/L4

PROPOSED CCTV CAMERA CABLE SCHEMATIC



NOTES:

1. MOUNT POWER SUPPLY ON POLE AT APPROPRIATE LOCATION 12' TO 14' FROM GROUND.
2. MOUNT CAMERA DOME ON MAST ARM AS IS SPECIFIED ON CCTV MOUNTING DETAILS (DDOT STANDARD DRAWING).

PROPOSED CCTV CAMERA CABLE ROUTING

TC - A - D - C - TS4/L2 - CCTV CAMERA

PROPOSED STREETLIGHT CABLE LEGEND

- NO. 8 STRANDED BARE COPPER GROUND WIRE
- NO. 2 STRANDED BARE COPPER GROUND WIRE
- TWO NO. 10 STRANDED CABLES
- THREE NO. 6 STRANDED CABLES
- THREE NO. 4/0 STRANDED CABLES
- SPLICE POINT

STREETLIGHT CABLE SUMMARY							
SCHEDULE			QUANTITY				
			CABLE			GROUNDING	
FROM STA.	TO STA.	DISTANCE	4/0	#6	#10	#2	#8
*P	A	20	80			40	
A	B	80		270			100
A	D	60		210			80
C	D	75		260			95
B	TS2/L1	20			80		40
C	TS4/L2	10			60		30
D	TS5/L3	10			60		30
A	TS7/L4	30			100		50
TOTAL		N/A	80	740	300	40	425

STATION SCHEDULE		
STATION	STATUS	DESCRIPTION
TC	PROPOSED	TYPE 2070 TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERRUPTED POWER SUPPLY (UPS) SYSTEM
A	EXISTING	DDOT TRAFFIC SIGNAL MANHOLE (4'x4'x4')
B	PROPOSED	DDOT TRAFFIC SIGNAL MANHOLE (3'x3'x3')
C	PROPOSED	DDOT TRAFFIC SIGNAL MANHOLE (3'x3'x3')
D	PROPOSED	DDOT TRAFFIC SIGNAL MANHOLE (3'x3'x3')
*P	EXISTING	PEPCO MANHOLE (PROPOSED POWER SOURCE)
TS1	PROPOSED	20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
TS2/L1	PROPOSED	28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH A STEEL TRANSFORMER BASE, LUMINAIRE AND AN 8-FOOT MAST ARM WITH CAP AND CLAMP
TS3	PROPOSED	20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
TS4/L2	PROPOSED	28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH A STEEL TRANSFORMER BASE, LUMINAIRE AND AN 8-FOOT MAST ARM WITH CAP AND CLAMP
TS5/L3	PROPOSED	28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH A STEEL TRANSFORMER BASE, LUMINAIRE AND AN 8-FOOT MAST ARM WITH CAP AND CLAMP
TS6	PROPOSED	20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
TS7/L4	PROPOSED	28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH A STEEL TRANSFORMER BASE, LUMINAIRE AND AN 8-FOOT MAST ARM WITH CAP AND CLAMP
E	EXISTING	EXISTING WOOD POLE
PB	EXISTING	PULL BOX

CONDUIT SUMMARY				
LOCATION TO LOCATION	STATUS	SIZE (DIA.) (IN)	NUMBER OF CONDUITS	QUANTITY (FT)
*P- TC	PROPOSED	2	1	10
TC - A	PROPOSED	2,4	1,2	20
A - B	PROPOSED	4	4	80
A - D	PROPOSED	4	4	60
C - D	PROPOSED	4	4	75
A - TS1	PROPOSED	2,4	1,1	35
B - TS2/L1	PROPOSED	2,4	1,1	20
B - TS3	PROPOSED	2,4	1,1	20
C - TS4/L2	PROPOSED	2,4	1,1	10
D - TS5/L3	PROPOSED	2,4	1,1	10
D - TS6	PROPOSED	2,4	1,1	40
A - TS7/L4	PROPOSED	2,4	1,1	30

EXISTING STREETLIGHT POLE INFORMATION (POLE REMOVAL)						
DRAWING LIGHT NO.	MARYLAND GRID PLAT	LOCATION	TYPE OF POLE	LIGHT SOURCE	LAMP WATTS	DATE IN SERVICE
R1		NE COR. OF OVERLOOK AVE. AND LABORATORY ROAD	PEND POST	HPS	250W	
R2		SW COR. OF OVERLOOK AVE. AND LABORATORY ROAD	PEND POST	HPS	250W	
R3		NW COR. OF OVERLOOK AVE. AND LABORATORY ROAD	PEND POST	HPS	250W	

PROPOSED STREETLIGHT POLE INFORMATION (POLE INSTALLATION)						
DRAWING LIGHT NO.	MARYLAND GRID PLAT	LOCATION	TYPE OF POLE	LIGHT SOURCE	LAMP WATTS	DATE IN SERVICE
TS2/L1		SE COR. OF OVERLOOK AVE. AND LABORATORY ROAD	PEND POST	LED	150W	
TS4/L2		SW COR. OF OVERLOOK AVE. AND LABORATORY ROAD	PEND POST	LED	150W	
TS5/L3		NW COR. OF OVERLOOK AVE. AND LABORATORY ROAD	PEND POST	LED	150W	
TS7/L4		NE COR. OF OVERLOOK AVE. AND LABORATORY ROAD	PEND POST	LED	150W	

SEQUENCE OF OPERATION DRAWING NO. TS-1365-H, ACISA NO. 4170

SG-03

FINAL

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE, LABORATORY ROAD, RAMP 26 AND RAMP 27, S.W.
CABLE ROUTING AND SCHEMATIC PLAN

FIELD CHECKED BY: KN/MDS
DESIGNED BY: KN
DRAWN BY: KN
REVIEWED BY: MDS
DATE: 09 /2024
SCALE: 1" = 20'
SHEET 2 OF 3
DRAWING NO. S-1582-E

RECOMMENDED
TRAFFIC SIGNAL PROJECT ENGINEER — DATE

TRAFFIC SIGNAL MAINTENANCE MANAGER — DATE

APPROVED
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER — DATE

DISTRICT OF COLUMBIA · DARLENE D. SIMONS · NO. PE904790 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

S.L.F. NO.

APPROVED BY — DATE

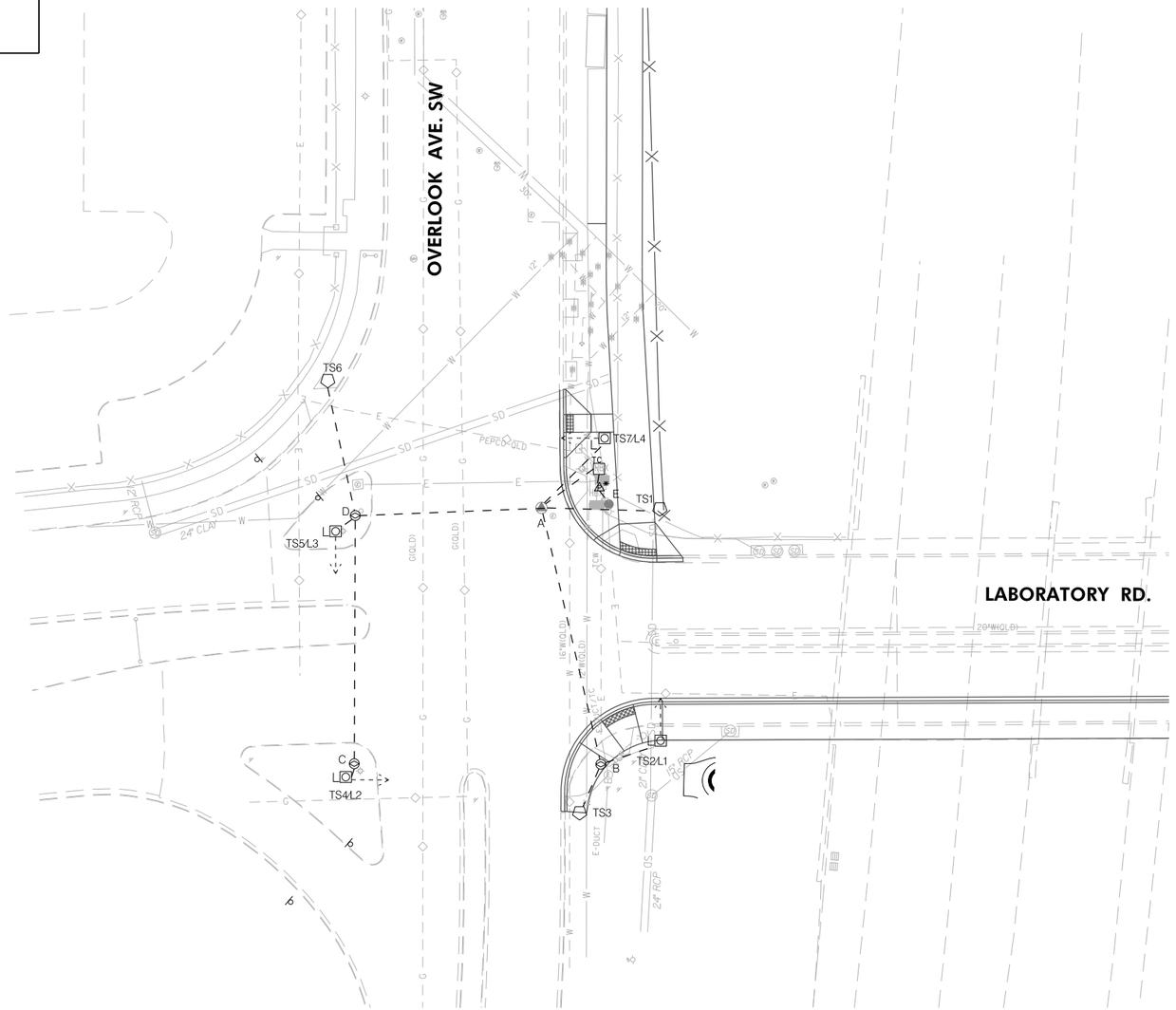
3/30/2026
pSG-P003_SCHEMATIC.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	471	576

UTILITY NOTES:

1. THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD SURVEY DATA AND/OR RECORD DRAWINGS. THE LOCATION OF UTILITIES SHOWN IS APPROXIMATE AND THE INFORMATION SHOWN IS NOT NECESSARILY COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE OF ALL UTILITIES WELL IN ADVANCE OF CONDUCTING CONSTRUCTION OPERATIONS WHICH COULD DAMAGE THESE FACILITIES. IN AREAS WHERE PROPOSED CONSTRUCTION MAY CONFLICT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES. IF A UTILITY IS DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER OF SAID UTILITY. ANY DAMAGE SUSTAINED TO UTILITIES ABOVE OR BELOW THE GROUND SHALL BE REPAIRED BY OR UNDER THE DIRECTION OF THE OWNER AT CONTRACTOR'S EXPENSE. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR BACKFILL AN EXCAVATION AFFECTING SAID UTILITY WITHOUT FIRST RECEIVING PERMISSION FROM THE UTILITY OWNER.
2. THE CONTRACTOR SHALL EXCAVATE AND LOCATE VERTICALLY AND HORIZONTALLY ALL UTILITIES IN CLOSE PROXIMITY TO THE PROPOSED TRAFFIC SIGNAL WORK AREA AS NECESSARY FOR CONSTRUCTION.
3. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO EXCAVATING.
4. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 2 FOOT HORIZONTAL CLEARANCE TO ALL UTILITIES DURING CONSTRUCTION.
5. CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS.



LEGEND:

- EXISTING TRAFFIC SIGNAL CONTROLLER
- EXISTING 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- EXISTING WOOD POLE
- EXISTING WOOD POLE WITH LUMINAIRE
- EXISTING 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- PROPOSED 2070 TRAFFIC SIGNAL CONTROLLER CABINET
- PROPOSED 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- PROPOSED 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATING DIRECTION OF LIGHT
- EXISTING PULL BOX
- EXISTING CATCH BASIN(S)
- PROPOSED ADA COMPLIANT WHEELCHAIR RAMP
- TRAFFIC SIGN AND POST
- EXISTING BUS STOP SIGN
- EXISTING WATER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAINAGE MANHOLE
- EXISTING GAS VALVE
- EXISTING TELEPHONE MANHOLE
- EXISTING PEPCO ELECTRICAL MANHOLE
- PROPOSED DDOT MANHOLE (3'X3'X3')
- EXISTING BUSH LINE
- EXISTING SANITARY SEWER LINE
- EXISTING STORM DRAINAGE SEWER LINE
- EXISTING GAS LINE
- EXISTING TELEPHONE LINE
- EXISTING ELECTRICAL LINE
- PROPOSED DDOT ELECTRICAL PVC CONDUIT
- EXISTING GUARD RAIL
- RIGHT OF WAY LINE

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA — MARLON D. SIMONS — NO. PE904705 — 3-31-2026 REGISTERED PROFESSIONAL ENGINEER

S.L.F. NO. _____

APPROVED BY _____ DATE _____

SEQUENCE OF OPERATION DRAWING NO. TS-1365-H, ACISA NO. 4170

SG-04

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE, LABORATORY ROAD, RAMP 26 AND RAMP 27, S.W.
UTILITY PLAN

RECOMMENDED _____ TRAFFIC SIGNAL PROJECT ENGINEER _____ DATE

_____ TRAFFIC SIGNAL MAINTENANCE MANAGER _____ DATE

APPROVED _____ TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER _____ DATE

FINAL	
FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	09 /2024
SCALE	1" = 20'
SHEET / OF	3 / 3
DRAWING NO.	S-1582-E

3/30/2026
pSG-P004_UTILITY_PLAN.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	472	576

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF THE TRAFFIC SIGNALS SHALL CONFORM WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF THE DDOT STANDARD SPECIFICATIONS, STANDARD DRAWINGS, AND CONTRACT SPECIAL PROVISIONS.
B. THE CONTRACTOR SHALL SUBMIT TO DDOT CATALOG CUTS FOR ALL MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.
C. THE CONTRACTOR SHALL FURNISH ALL TEMPORARY, PORTABLE, CONCRETE BASES, TRAFFIC SIGNAL POLES, TRAFFIC SIGNAL HEADS, TRANSFORMER BASES, AND ALL MOUNTING HARDWARE.
D. THE CONTRACTOR SHALL RETURN ALL REMOVED TRAFFIC SIGNAL EQUIPMENT TO THE DDOT SIGNAL SHOP. CONTACT MR. KENAN BESS AT LEAST 72 HOURS IN ADVANCE AT (202) 439-4736 TO ARRANGE SERVICE.
E. THE CONTRACTOR SHALL RELOCATE ALL SIGNS ON EXISTING POLES TO TEMPORARY POLES, UNLESS INDICATED OTHERWISE ON PLAN.
F. NO ABOVE GROUND HARDWARE WILL BE PLACED SUCH THAT A MINIMUM 4' CONTINUOUS PATH FOR ADA PURPOSES IS NOT MAINTAINED.
G. ALL TEMPORARY POLES SHALL BE PROPERLY GROUNDED. DDOT SIGNAL TECHNICIAN WILL NOT ACTIVATE ANY SIGNAL UNLESS POLES ARE PROPERLY GROUNDED.
H. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER ALIGNMENT AND OPERATION OF ALL SIGNALS ON TEMPORARY POLES.
I. NO TEMPORARY CABLES SHALL BE DIRECT BURIED. ALL TEMPORARY CABLING SHALL BE PROPERLY ENCLOSED IN FLEX CONDUIT AND SHALL BE ACCESSIBLE SHOULD EMERGENCY REPLACEMENT BE REQUIRED.
J. STREETLIGHT LUMINAIRES MUST BE MAINTAINED AT ALL TIMES. USE PROPOSED LUMINAIRES AS NECESSARY.
K. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC SIGNAL ITEMS AS SHOWN ON THE APPROVED TRAFFIC SIGNAL PLANS.
L. THE CONTRACTOR SHALL LOCATE AND MAINTAIN EXISTING TRAFFIC SENSORS.

REMOVAL NOTES:

A. REMOVE THE EXISTING TRAFFIC SIGNAL POLE (ANY TYPE).
B. REMOVE THE EXISTING TRAFFIC SIGNAL HEAD(S).
C. REMOVE THE EXISTING PEDESTRIAN SIGNAL HEAD(S).
D. REMOVE THE EXISTING SIGN(S).
E. REMOVE THE EXISTING POLE MOUNTED DETECTION.
F. REMOVE THE EXISTING PEDESTRIAN PUSH BUTTON.

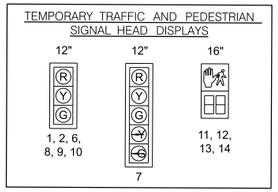
INSTALLATION NOTES:

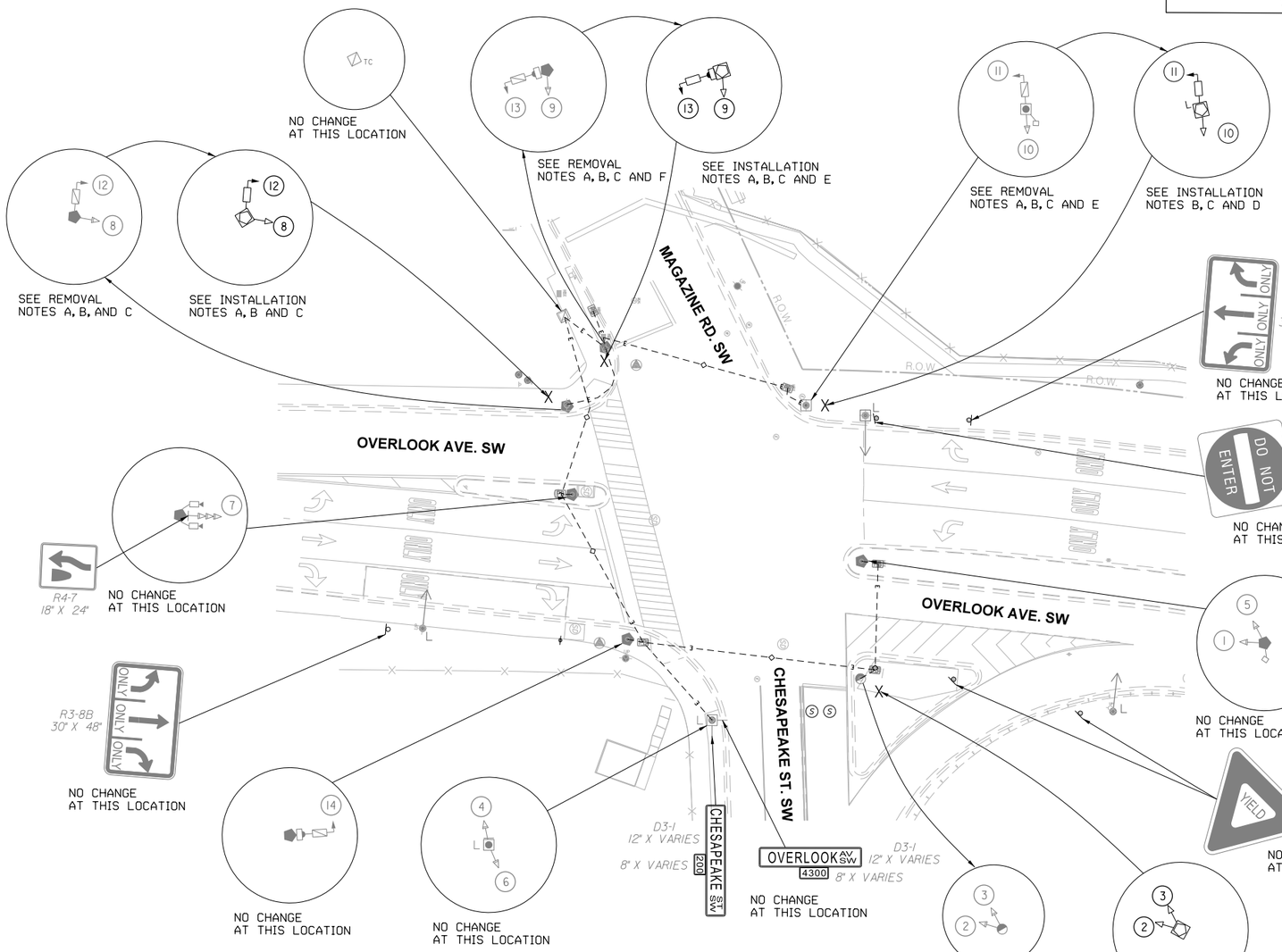
A. INSTALL 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE ONTO A TEMPORARY, PORTABLE, CONCRETE BASE.
B. INSTALL LED TRAFFIC SIGNAL HEAD(S).
C. INSTALL LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD(S).
D. INSTALL 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A 100W LED WASHINGTON GLOBE LIGHT AND STEEL TRANSFORMER BASE ONTO A TEMPORARY, PORTABLE, CONCRETE BASE.
E. RELOCATE THE EXISTING PUSH BUTTON.

CABLE NOTES:

1. DDOT PERSONNEL WILL MAKE ALL ELECTRICAL CONNECTIONS INSIDE THE CONTROLLER CABINET. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS IN TRAFFIC SIGNAL HEADS.
2. TEMPORARY SIGNAL CABLES EXTENDING OVER THE GROUND SURFACE SHALL BE PROTECTED BY FLEXIBLE PLASTIC CONDUIT.
3. THE CONTRACTOR SHALL PROVIDE 50 FEET OF SLACK CABLE COILED NEATLY AT EACH TEMPORARY, PORTABLE, CONCRETE BASE.

TEMPORARY TRAFFIC AND PEDESTRIAN SIGNAL HEAD DISPLAYS





LEGEND:

- EXISTING TRAFFIC SIGNAL CONTROLLER
- EXISTING TRAFFIC SIGNAL CONTROLLER MOUNTED ON A TEMPORARY, PORTABLE, CONCRETE BASE
- PROPOSED LOCATION OF A TEMPORARY, PORTABLE, CONCRETE BASE
- EXISTING 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE
- EXISTING WOOD POLE
- EXISTING 28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH A STEEL TRANSFORMER BASE AND LUMINAIRE
- PROPOSED 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE MOUNTED ON A TEMPORARY, PORTABLE, CONCRETE BASE WITH 100W LED WASHINGTON CIRCLE
- PROPOSED 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE MOUNTED ON A TEMPORARY, PORTABLE, CONCRETE BASE
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATING DIRECTION OF LIGHT
- EXISTING 3-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED 3-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- EXISTING 4-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED 4-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- EXISTING PULL BOX
- EXISTING CATCH BASIN(S)
- EXISTING WHEELCHAIR RAMP
- EXISTING TRAFFIC SIGN
- EXISTING BUS STOP SIGN
- EXISTING FIRE HYDRANT
- EXISTING WATER MANHOLE
- EXISTING SEWER MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING UNKNOWN MANHOLE
- EXISTING PEPCO ELECTRICAL MANHOLE
- EXISTING DDOT MANHOLE (4'X4'X4')
- RIGHT OF WAY LINE

GRAPHIC SCALE
20 10 0 20 40
1" = 20'-0" HORIZ.

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA — DEAN D. SHORT — NO. PE047766 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

S.L.F. NO.
APPROVED BY ____ DATE

SEQUENCE OF OPERATION DRAWING NO. TS-705-K, ACISA NO. 4169

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE, CHESAPEAKE STREET AND MAGAZINE ROAD S.W.
TRAFFIC SIGNAL MODIFICATION

RECOMMENDED
TRAFFIC SIGNAL PROJECT ENGINEER ____ DATE
TRAFFIC SIGNAL MAINTENANCE MANAGER ____ DATE
APPROVED
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER ____ DATE

SG-05	
STAGE	1
FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	09 /2024
SCALE	1" = 20'
SHEET	1 OF 1
DRAWING NO.	S-510-D

3/30/2026
p:\SG-P005_STAGE_1.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	473	576

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND THE CONTRACT SPECIAL PROVISIONS.
B. THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.
C. THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE. THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
D. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS, MANHOLES, AND POLE FOUNDATIONS.
E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRAFFIC SIGNAL POLES, TRANSFORMER BASES, APS UNITS, VIDEO DETECTION CAMERAS, AND ALL MOUNTING HARDWARE.
F. THE CONTRACTOR SHALL RETURN ALL REMOVED AND SALVAGED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. KENAN BESS 72 HOURS IN ADVANCE AT (202) 439-4736 TO ARRANGE SERVICE OR AS DIRECTED BY THE ENGINEER.
G. NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FOOT CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.
H. NO CHANGES FROM PLANS IN LOCATION OF THE SUPPORTING STRUCTURES, SIGNAL HEAD PLACEMENT OR TRAFFIC SIGNAL EQUIPMENT WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT DEPARTMENT OF TRANSPORTATION, TRAFFIC SIGNAL DIVISION.
I. CROSSWALK PAVEMENT MARKINGS SHALL COMPLY TO THE LATEST EDITION OF DDOT STANDARD DRAWING, PROPOSED PAVEMENT MARKINGS SHALL BE AS PER THE FINAL SIGNAL DRAWING. THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF
J. FULL SIZE AS-BUILT DRAWING RECORDS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL SIGNAL EQUIPMENT AND CONDUITS, STRUCTURES AND OTHER FACILITIES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.

REMOVAL NOTES:

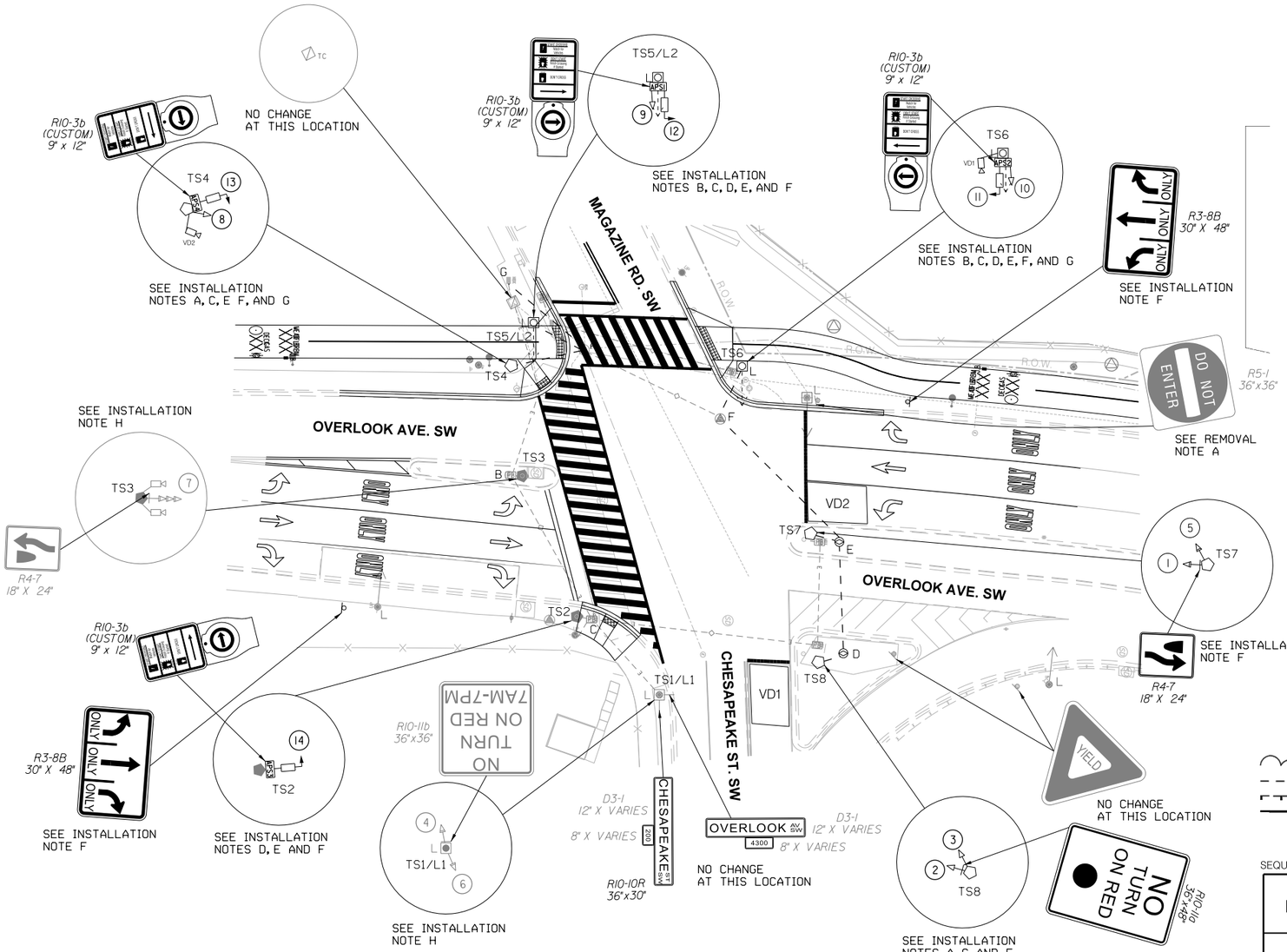
A. REMOVE EXISTING SIGN(S).

INSTALLATION NOTES:

A. INSTALL 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE.
B. INSTALL 28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH A STEEL TRANSFORMER BASE AND LUMINAIRE.
C. INSTALL LED TRAFFIC SIGNAL HEAD(S) WITH RETROREFLECTIVE BACKPLATE(S).
D. INSTALL LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD(S).
E. INSTALL APS UNIT(S).
F. INSTALL PROPOSED TRAFFIC SIGN(S).
G. INSTALL NEW VIDEO DETECTION CAMERA(S).
H. INSTALL RETROREFLECTIVE BACKPLATE(S) ON EXISTING TRAFFIC SIGNAL HEAD(S).

CABLE NOTES:

A. DDOT PERSONNEL WILL MAKE ALL ELECTRICAL CONNECTIONS INSIDE THE CONTROLLER CABINET. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS IN TRAFFIC AND PEDESTRIAN SIGNAL HEADS.
B. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW, UNSPLICED 7 CONDUCTOR 14AWG STRANDED CABLE TO ALL PROPOSED SIGNAL HEADS.
C. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW, UNSPLICED SHIELDED 4 CONDUCTOR 18AWG STRANDED CABLES TO ALL APS UNITS. A SEGMENT OF 4 CONDUCTOR 18AWG SHIELDED, STRANDED CABLE SHALL EXTEND FROM EACH POLE MOUNTED APS UNIT TO THE 2-SECTION PEDESTRIAN SIGNAL HEAD MOUNTED ON THE SAME POLE.



LEGEND:

- EXISTING TRAFFIC SIGNAL CONTROLLER
- EXISTING 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- EXISTING WOOD POLE
- EXISTING WOOD POLE WITH LUMINAIRE
- EXISTING 28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATING DIRECTION OF LIGHT
- PROPOSED 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- PROPOSED 28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATING DIRECTION OF LIGHT
- EXISTING 3-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED 3-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- EXISTING 5-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED LED SIGN
- PROPOSED 2-SECTION LED COUNTDOWN PEDESTRIAN SIGNAL HEAD
- PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (APS)
- PROPOSED VIDEO DETECTION CAMERA
- EXISTING PULL BOX
- EXISTING CATCH BASIN(S)
- EXISTING WHEELCHAIR RAMP
- PROPOSED ADA COMPLIANT WHEELCHAIR RAMP
- TRAFFIC SIGN AND POST
- EXISTING BUS STOP SIGN
- EXISTING WATER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAINAGE MANHOLE
- EXISTING GAS VALVE
- EXISTING TELEPHONE MANHOLE
- EXISTING PEPCO ELECTRICAL MANHOLE
- EXISTING DDOT MANHOLE
- PROPOSED DDOT MANHOLE (3'X3'X3')
- EXISTING BUSH LINE
- PROPOSED DDOT ELECTRICAL PVC CONDUIT
- EXISTING GUARD RAIL
- RIGHT OF WAY LINE

GRAPHIC SCALE
20 10 0 20 40
1" = 20'-0" HORIZ.

SEQUENCE OF OPERATION DRAWING NO. TS-705-L, ACISA NO. 4169

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE, CHESAPEAKE STREET AND MAGAZINE ROAD S.W.
TRAFFIC SIGNAL MODIFICATION

RECOMMENDED _____ TRAFFIC SIGNAL PROJECT ENGINEER _____ DATE
_____ TRAFFIC SIGNAL MAINTENANCE MANAGER _____ DATE
APPROVED _____ TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER _____ DATE

SG-06	
FINAL	
FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	09 /2024
SCALE	1" = 20'
SHEET	1 OF 3
DRAWING NO.	S-1582-E

DISTRICT OF COLUMBIA · HAROLD SMOKE · NO. PE900790 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

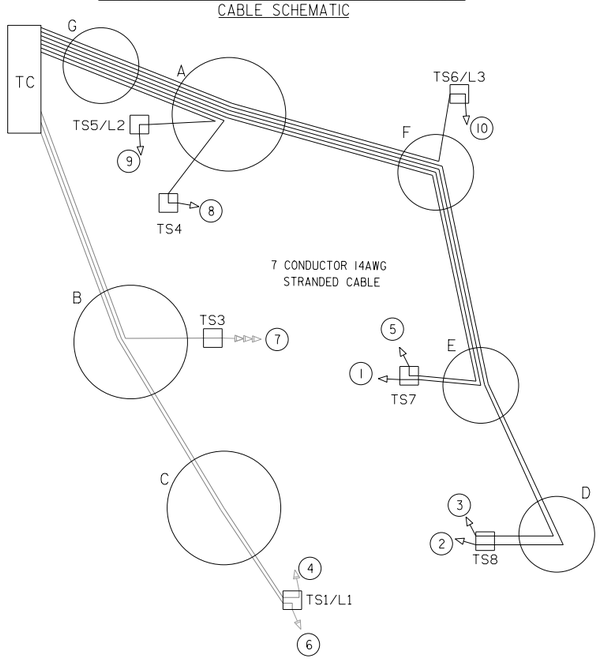
S.L.F. NO. _____
APPROVED BY _____ DATE _____

3/30/2026
pSG-P006_FINAL.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	474	576

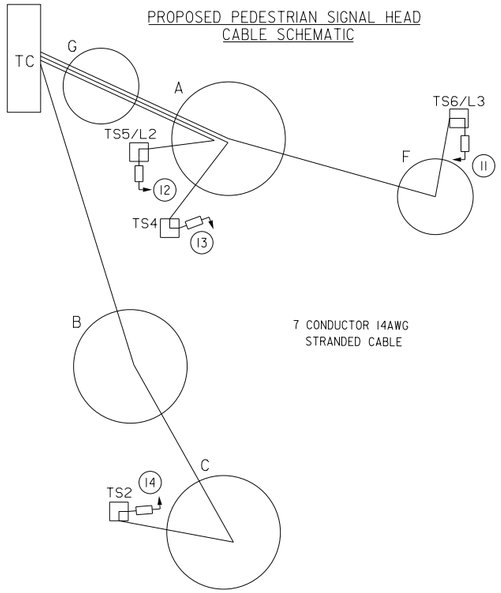
PROPOSED TRAFFIC SIGNAL HEAD AND LED SIGN CABLE SCHEMATIC



PROPOSED TRAFFIC SIGNAL HEAD AND LED SIGN CABLE ROUTING

TC - G - A - F - TS6/L3 - 10
TC - G - A - TS4 - 8
TC - G - A - TS5/L2 - 9
TC - B - TS3 - 7
TC - G - A - F - E - TS7 - 1
TC - G - A - F - E - TS7 - 5
TC - G - A - F - E - D - TS8 - 2
TC - G - A - F - E - D - TS8 - 3
TC - B - C - TSI/LI - 4
TC - B - C - TSI/LI - 6

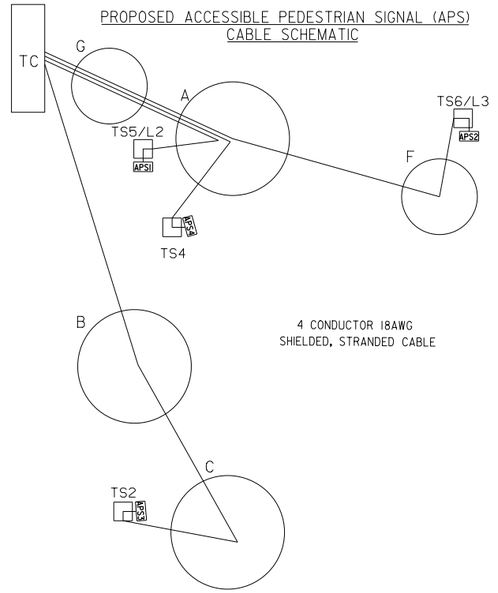
PROPOSED PEDESTRIAN SIGNAL HEAD CABLE SCHEMATIC



PROPOSED PEDESTRIAN SIGNAL HEAD CABLE ROUTING

TC - G - A - F - TS6/L3 - 11
TC - G - A - TS5/L2 - 12
TC - G - A - TS4 - 13
TC - B - C - TS2 - 14

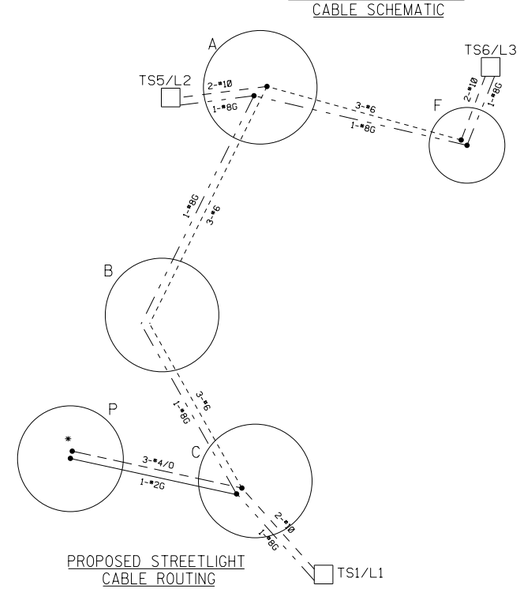
PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (APS) CABLE SCHEMATIC



PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (APS) CABLE ROUTING

TC - G - A - F - TS6/L3 - APS2
TC - G - A - TS4 - APS4
TC - G - A - TS5/L2 - APSI
TC - B - C - TS2 - APS3

PROPOSED STREETLIGHT CABLE SCHEMATIC



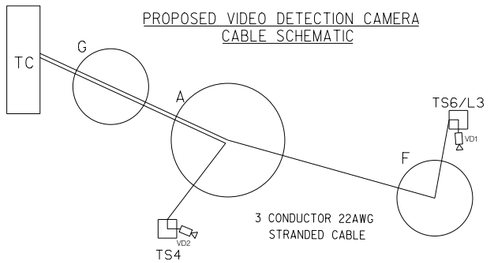
PROPOSED STREETLIGHT CABLE ROUTING

*P - C - TSI/LI
*P - C - B - A - TS5/L2
*P - C - B - A - F - TS6/L3

PROPOSED STREETLIGHT CABLE LEGEND

- NO. 8 STRANDED BARE COPPER GROUND WIRE
- NO. 2 STRANDED BARE COPPER GROUND WIRE
- TWO NO. 10 STRANDED CABLES
- THREE NO. 6 STRANDED CABLES
- THREE NO. 4/0 STRANDED CABLES
- SPLICE POINT

PROPOSED VIDEO DETECTION CAMERA CABLE SCHEMATIC



PROPOSED VIDEO DETECTION CAMERA CABLE ROUTING

TC - G - A - F - TS6/L3 - VDI
TC - G - A - TS4 - VD2

CONDUIT SUMMARY				
LOCATION TO LOCATION	STATUS	SIZE (DIA.) (IN)	NUMBER OF CONDUITS	QUANTITY (FT)
*P- TC	EXISTING	-	-	-
*P- C	EXISTING	-	-	-
TC - G	EXISTING	-	-	-
G - A	PROPOSED	2, 4	1, 2	40
A - F	EXISTING	-	-	-
TC - B	EXISTING	-	-	-
B - C	EXISTING	-	-	-
F - E	PROPOSED	4	4	60
E - D	PROPOSED	4	4	40
A - TS4	PROPOSED	2, 4	1 1	30
A - TS5/L2	PROPOSED	2, 4	1 1	20
B - TS3	EXISTING	-	-	-
C - TSI/LI	EXISTING	-	-	-
D - TS8	PROPOSED	2, 4	1 1	10
E - TS7	PROPOSED	2, 4	1 1	15
F - TS6	PROPOSED	2, 4	1 1	35

STREETLIGHT CABLE SUMMARY							
SCHEDULE			QUANTITY				
			CABLE			GROUNDING	
FROM STA.	TO STA.	DISTANCE	4/0	#6	#10	#2	#8
*P	C	10	60			30	
C	TSI/LI	40			120		60
C	B	60		210			80
B	A	55		200			75
A	TS5/L2	20			80		40
A	F	50		180			60
F	TS6/L3	30			100		50
TOTAL		N/A	60	590	300	30	365

PROPOSED STREETLIGHT POLE INFORMATION (POLE INSTALLATION)						
DRAWING LIGHT NO.	MARYLAND GRID PLAT	LOCATION	TYPE OF POLE	LIGHT SOURCE	LAMP WATTS	DATE IN SERVICE
TS5/L2		SW COR. OF OVERLOOK AVE. AND MAGAZINE RD.	PEND POST	LED	150 W	
TS6/L3		NW COR. OF OVERLOOK AVE. AND MAGAZINE RD.	PEND POST	LED	150 W	

STATION SCHEDULE		
STATION	STATUS	DESCRIPTION
TC	EXISTING	TYPE 170E TRAFFIC SIGNAL CONTROLLER AND CABINET
A	PROPOSED	DDOT TRAFFIC SIGNAL MANHOLE (3'x3'x3')
B	EXISTING	PULL BOX
C	EXISTING	PULL BOX
D	EXISTING	PULL BOX
E	PROPOSED	DDOT TRAFFIC SIGNAL MANHOLE (3'x3'x3')
F	EXISTING	PULL BOX
*P	EXISTING	PEPCO MANHOLE (EXISTING POWER SOURCE)
TSI/LI	EXISTING	28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
TS2	EXISTING	20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
TS3	EXISTING	20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
TS4	PROPOSED	20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
TS5/L2	PROPOSED	28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
TS6	PROPOSED	28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
TS7	EXISTING	20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
TS8	PROPOSED	20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
PB	EXISTING	PULL BOX

NOTES:

1. EXISTING CONDUIT USED TO CROSS ROADWAYS.
2. QUANTITIES REFLECT PROPOSED CONDUIT TO PROPOSED POLE LOCATIONS AND TO EXTEND EXISTING CONDUIT TO PROPOSED MANHOLE LOCATIONS.
3. TRAFFIC SIGNAL TO REMAIN ON EXISTING POWER SOURCE. LOCATION OF POWER SOURCE UNKNOWN.
4. EXISTING POWER SOURCE THAT FEEDS THE EXISTING STREET LIGHT AT TSI/LI TO BE USED TO FEED ADDITIONAL PROPOSED STREETLIGHT AT TS5/L2.

DISTRICT OF COLUMBIA · MARLON D. SIMMS · NO. PE904705 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

S.L.F. NO.

APPROVED BY _____ DATE

SEQUENCE OF OPERATION DRAWING NO. TS-705-L, ACISA NO. 4169

SG-07

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE, CHESAPEAKE STREET AND MAGAZINE ROAD S.W.
CABLE ROUTING AND SCHEMATIC PLAN

RECOMMENDED _____ DATE
TRAFFIC SIGNAL PROJECT ENGINEER

_____ DATE
TRAFFIC SIGNAL MAINTENANCE MANAGER

APPROVED _____ DATE
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER

FINAL

FIELD CHECKED BY KN/MDS
DESIGNED BY KN
DRAWN BY KN
REVIEWED BY MDS
DATE 09 /2024
SCALE 1" = 20'
SHEET 2 OF 3
DRAWING NO. S-510-E

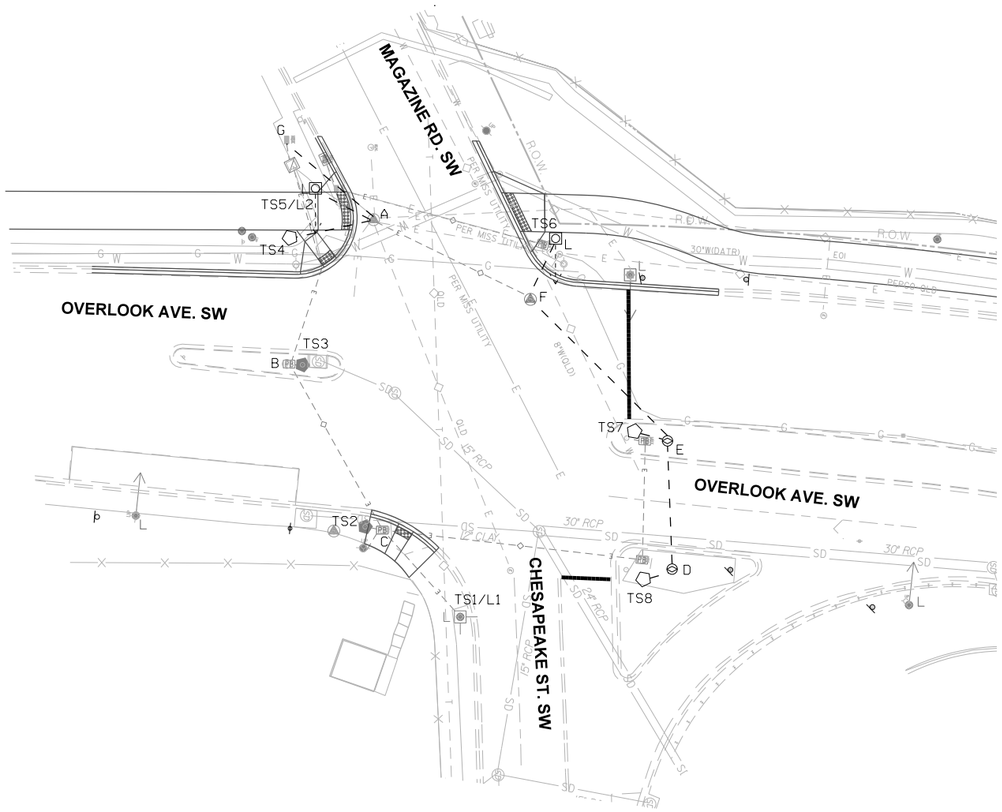
3/30/2026
pSG-FOOT_SCHEMATIC.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	475	576

UTILITY NOTES:

1. THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD SURVEY DATA AND/OR RECORD DRAWINGS. THE LOCATION OF UTILITIES SHOWN IS APPROXIMATE AND THE INFORMATION SHOWN IS NOT NECESSARILY COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE OF ALL UTILITIES WELL IN ADVANCE OF CONDUCTING CONSTRUCTION OPERATIONS WHICH COULD DAMAGE THESE FACILITIES. IN AREAS WHERE PROPOSED CONSTRUCTION MAY CONFLICT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES. IF A UTILITY IS DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER OF SAID UTILITY. ANY DAMAGE SUSTAINED TO UTILITIES ABOVE OR BELOW THE GROUND SHALL BE REPAIRED BY OR UNDER THE DIRECTION OF THE OWNER AT CONTRACTOR'S EXPENSE. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR BACKFILL AN EXCAVATION AFFECTING SAID UTILITY WITHOUT FIRST RECEIVING PERMISSION FROM THE UTILITY OWNER.
2. THE CONTRACTOR SHALL EXCAVATE AND LOCATE VERTICALLY AND HORIZONTALLY ALL UTILITIES IN CLOSE PROXIMITY TO THE PROPOSED TRAFFIC SIGNAL WORK AREA AS NECESSARY FOR CONSTRUCTION.
3. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO EXCAVATING.
4. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 2-FOOT HORIZONTAL CLEARANCE TO ALL UTILITIES DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS.



LEGEND:

- EXISTING TRAFFIC SIGNAL CONTROLLER
- EXISTING 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- EXISTING WOOD POLE
- EXISTING WOOD POLE WITH LUMINAIRE
- EXISTING 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- PROPOSED 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- PROPOSED 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATING DIRECTION OF LIGHT
- EXISTING PULL BOX
- EXISTING CATCH BASIN(S)
- PROPOSED ADA COMPLIANT WHEELCHAIR RAMP
- TRAFFIC SIGN AND POST
- EXISTING BUS STOP SIGN
- EXISTING WATER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAINAGE MANHOLE
- EXISTING GAS VALVE
- EXISTING TELEPHONE MANHOLE
- EXISTING PEPCO ELECTRICAL MANHOLE
- EXISTING DDOT MANHOLE
- PROPOSED DDOT MANHOLE (3'X3'X3')
- EXISTING BUSH LINE
- EXISTING SANITARY SEWER LINE
- EXISTING STORM DRAINAGE SEWER LINE
- EXISTING GAS LINE
- EXISTING TELEPHONE LINE
- EXISTING ELECTRICAL LINE
- PROPOSED DDOT ELECTRICAL PVC CONDUIT
- EXISTING GUARD RAIL
- RIGHT OF WAY LINE

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

DISTRICT OF COLUMBIA · MARLON G. SIMONS · NO. PE904705 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

N

S.L.F. NO.

APPROVED BY _____ DATE

SEQUENCE OF OPERATION DRAWING NO. TS-705-L, ACISA NO. 4169

SG-08

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

FINAL

OVERLOOK AVENUE, CHESAPEAKE STREET AND MAGAZINE ROAD S.W.
UTILITY PLAN

FIELD CHECKED BY: KN/MDS
DESIGNED BY: KN
DRAWN BY: KN
REVIEWED BY: MDS
DATE: 09 /2024
SCALE: 1" = 20'
SHEET 3 OF 3
DRAWING NO. S-510-E

RECOMMENDED _____ TRAFFIC SIGNAL PROJECT ENGINEER _____ DATE

_____ TRAFFIC SIGNAL MAINTENANCE MANAGER _____ DATE

APPROVED _____ TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER _____ DATE

ch2m TOOLE DESIGN

3/30/2026
pSG-P008_UTILITY_PLAN.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	476	576

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF THE TRAFFIC SIGNALS SHALL CONFORM WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF THE DDOT STANDARD SPECIFICATIONS, STANDARD DRAWINGS, AND CONTRACT SPECIAL PROVISIONS.
B. THE CONTRACTOR SHALL SUBMIT TO DDOT CATALOG CUTS FOR ALL MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.
C. THE CONTRACTOR SHALL RELOCATE THE EXISTING 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE FOR THE FINAL TRAFFIC SIGNAL INSTALLATION.
D. THE CONTRACTOR SHALL FURNISH ALL TEMPORARY, PORTABLE, CONCRETE BASES, TRAFFIC SIGNAL POLES, TRAFFIC SIGNAL HEADS, TRANSFORMER BASES, AND ALL MOUNTING HARDWARE.
E. THE CONTRACTOR SHALL RETURN ALL REMOVED TRAFFIC SIGNAL EQUIPMENT TO THE DDOT SIGNAL SHOP. CONTACT MR. KENAN BESS AT LEAST 72 HOURS IN ADVANCE AT (202) 439-4736 TO ARRANGE SERVICE.
F. THE CONTRACTOR SHALL RELOCATE ALL SIGNS ON EXISTING POLES TO TEMPORARY POLES, UNLESS INDICATED OTHERWISE ON PLAN.
G. NO ABOVE GROUND HARDWARE WILL BE PLACED SUCH THAT A MINIMUM 4' CONTINUOUS PATH FOR ADA PURPOSES IS NOT MAINTAINED.
H. ALL TEMPORARY POLES SHALL BE PROPERLY GROUNDED. DDOT SIGNAL TECHNICIAN WILL NOT ACTIVATE ANY SIGNAL UNLESS POLES ARE PROPERLY GROUNDED.
I. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER ALIGNMENT AND OPERATION OF ALL SIGNALS ON TEMPORARY POLES.
J. NO TEMPORARY CABLES SHALL BE DIRECT BURIED. ALL TEMPORARY CABLING SHALL BE PROPERLY ENCLOSED IN FLEX CONDUIT AND SHALL BE ACCESSIBLE SHOULD EMERGENCY REPLACEMENT BE REQUIRED.
K. STREETLIGHT LUMINAIRES MUST BE MAINTAINED AT ALL TIMES. USE PROPOSED LUMINAIRES AS NECESSARY.
L. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC SIGNAL ITEMS AS SHOWN ON THE APPROVED TRAFFIC SIGNAL PLANS.

REMOVAL NOTES:

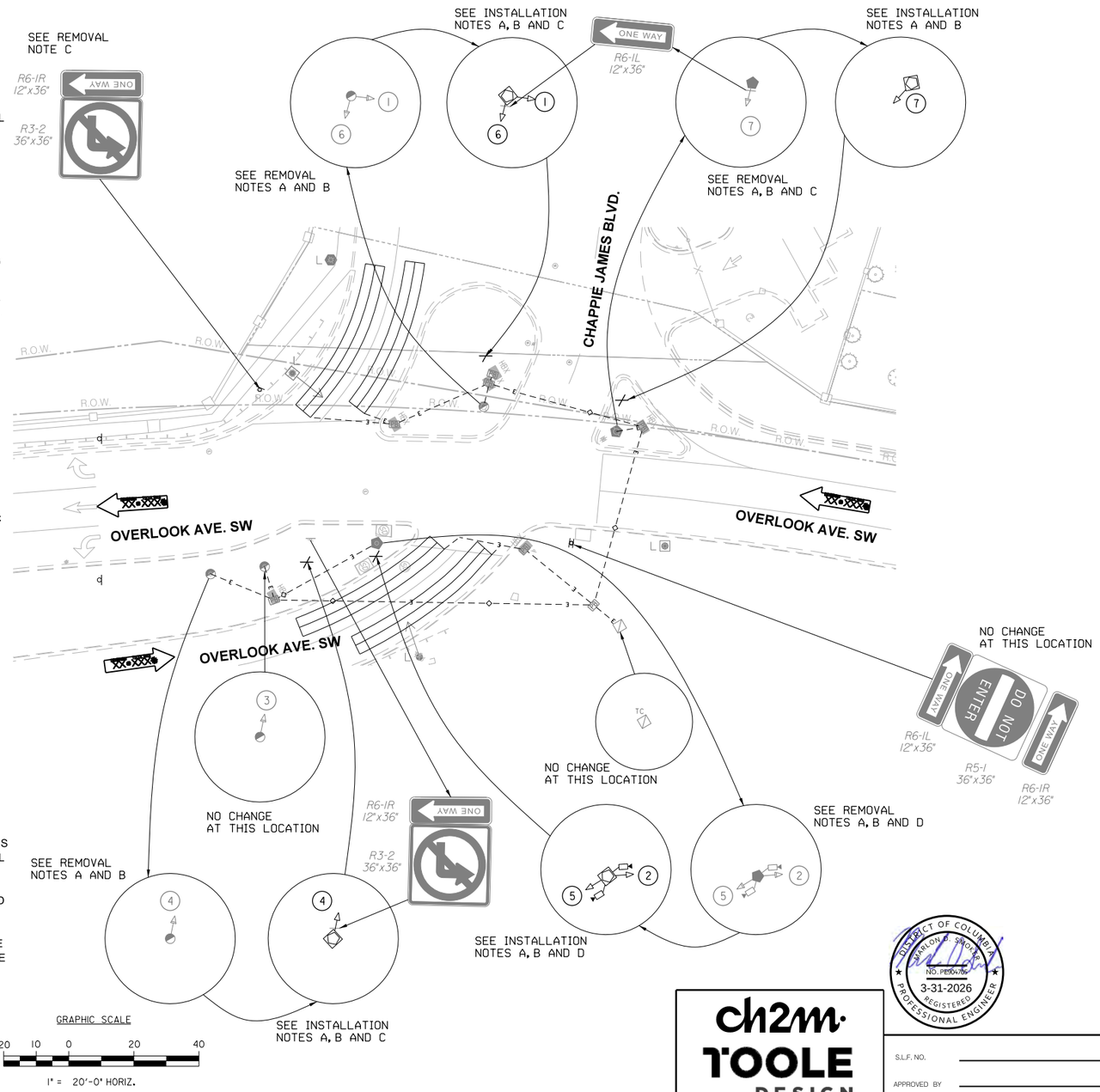
A. REMOVE EXISTING TRAFFIC SIGNAL POLE (ANY TYPE).
B. REMOVE EXISTING TRAFFIC SIGNAL HEAD(S).
C. REMOVE EXISTING SIGN(S).
D. REMOVE THE EXISTING VIDEO DETECTION CAMERAS.

INSTALLATION NOTES:

A. INSTALL 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE ONTO A TEMPORARY, PORTABLE, CONCRETE BASE.
B. INSTALL LED TRAFFIC SIGNAL HEAD(S).
C. INSTALL PROPOSED SIGN(S).
D. INSTALL MICROWAVE DETECTION.

CABLE NOTES:

1. DDOT PERSONNEL WILL MAKE ALL ELECTRICAL CONNECTIONS INSIDE THE CONTROLLER CABINET. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS IN TRAFFIC SIGNAL HEADS.
2. TEMPORARY SIGNAL CABLES EXTENDING OVER THE GROUND SURFACE SHALL BE PROTECTED BY FLEXIBLE PLASTIC CONDUIT.
3. THE CONTRACTOR SHALL PROVIDE 50 FEET OF SLACK CABLE COILED NEATLY AT EACH TEMPORARY, PORTABLE, CONCRETE BASE.



LEGEND:

- EXISTING TRAFFIC SIGNAL CONTROLLER
- PROPOSED LOCATION OF A TEMPORARY, PORTABLE, CONCRETE BASE
- EXISTING 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE
- EXISTING WOOD POLE WITH LUMINAIRE
- EXISTING 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATING DIRECTION OF LIGHT
- EXISTING TRAFFIC LOOP
- PROPOSED 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE MOUNTED ON A TEMPORARY, PORTABLE, CONCRETE BASE
- EXISTING 3-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED 3-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- EXISTING VIDEO DETECTION CAMERA
- EXISTING PULL BOX
- EXISTING CATCH BASIN(S)
- EXISTING DRAINAGE GRATE INLET
- EXISTING WHEELCHAIR RAMP
- EXISTING TRAFFIC SIGN AND POST
- EXISTING FIRE HYDRANT
- EXISTING WATER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAINAGE MANHOLE
- EXISTING GAS VALVE
- EXISTING TELEPHONE MANHOLE
- EXISTING PEPCO ELECTRICAL MANHOLE
- EXISTING BUSH LINE
- EXISTING GUARD RAIL
- RIGHT OF WAY LINE

DISTRICT OF COLUMBIA MARLON G. SMOOT NO. PE904705 3-31-2026 REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

S.L.F. NO.

APPROVED BY DATE

SEQUENCE OF OPERATION DRAWING NO. TS-1523-C, ACISA NO. 4001

SG-09

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

STAGE 1

OVERLOOK AVENUE
AND CHAPPIE JAMES BOULEVARD, S.W.
TRAFFIC SIGNAL MODIFICATION

FIELD CHECKED BY: KN/MDS
DESIGNED BY: KN
DRAWN BY: KN
REVIEWED BY: MDS
DATE: 09 /2024
SCALE: 1" = 20'
SHEET 1 OF 1
DRAWING NO. S-1980-A

RECOMMENDED
TRAFFIC SIGNAL PROJECT ENGINEER DATE

TRAFFIC SIGNAL MAINTENANCE MANAGER DATE

APPROVED
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER DATE

3/30/2026
pSG-P009_STAGE_1.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	477	576

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND THE CONTRACT SPECIAL PROVISIONS.
B. THE NORTHBOUND TO WESTBOUND LOOPS WILL BE ABANDONED ONCE PROPOSED VIDEO DETECTION IS OPERABLE.
C. THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.
D. THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE. THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS, MANHOLES, AND POLE FOUNDATIONS.
F. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRAFFIC SIGNAL POLES, TRANSFORMER BASES, APS UNITS, VIDEO DETECTION CAMERAS, AND ALL MOUNTING HARDWARE.
G. THE CONTRACTOR SHALL RETURN ALL REMOVED AND SALVAGED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. KENAN BESS 72 HOURS IN ADVANCE AT (202) 439-4736 TO ARRANGE SERVICE OR AS DIRECTED BY THE ENGINEER.
H. NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FOOT CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.
I. NO CHANGES FROM PLANS IN LOCATION OF THE SUPPORTING STRUCTURES, SIGNAL HEAD PLACEMENT OR TRAFFIC SIGNAL EQUIPMENT WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT DEPARTMENT OF TRANSPORTATION, TRAFFIC SIGNAL DIVISION.
J. THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL SIZE AS-BUILT DRAWING RECORDS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL SIGNAL EQUIPMENT AND CONDUITS, STRUCTURES AND OTHER FACILITIES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.

REMOVAL NOTES:

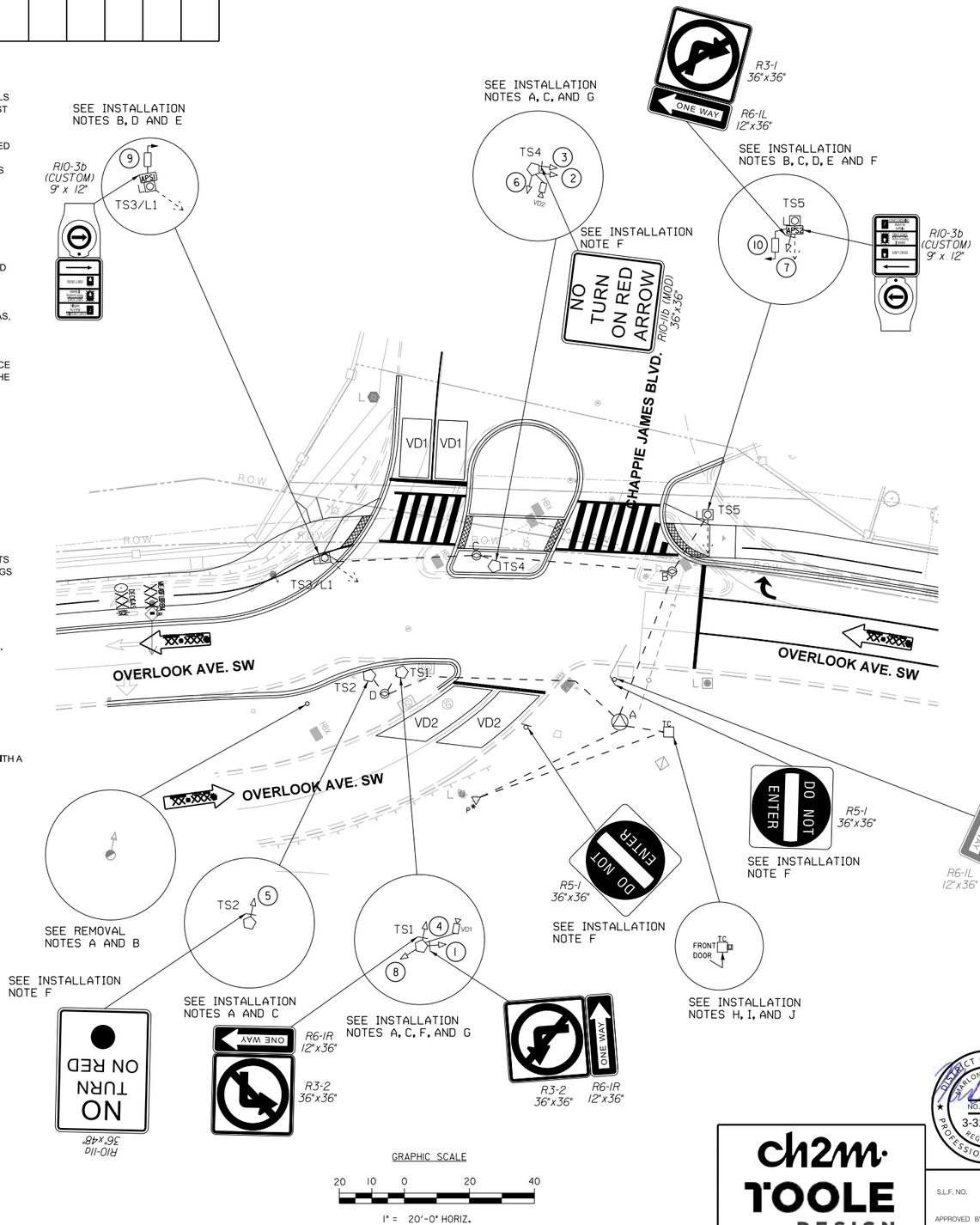
A. REMOVE EXISTING TRAFFIC SIGNAL POLE (ANY TYPE).
B. REMOVE EXISTING TRAFFIC SIGNAL HEAD(S).
C. REMOVE EXISTING SIGN(S).

INSTALLATION NOTES:

A. INSTALL 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE.
B. INSTALL 28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH A STEEL TRANSFORMER BASE AND LUMINAIRE.
C. INSTALL LED TRAFFIC SIGNAL HEAD(S) WITH RETROREFLECTIVE BACKPLATE(S).
D. INSTALL LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD(S).
E. INSTALL APS UNIT(S).
F. INSTALL PROPOSED TRAFFIC SIGN(S).
G. INSTALL NEW VIDEO DETECTION CAMERA(S).
H. INSTALL TRAFFIC SIGNAL CONTROLLER CABINET FOUNDATION.
I. INSTALL TRAFFIC SIGNAL CONTROLLER CABINET.
J. INSTALL TRAFFIC SIGNAL CONTROLLER.

CABLE NOTES:

A. DDOT PERSONNEL WILL MAKE ALL ELECTRICAL CONNECTIONS INSIDE THE CONTROLLER CABINET. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS IN TRAFFIC AND PEDESTRIAN SIGNAL HEADS.
B. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW, UNSPLICED 7 CONDUCTOR 14AWG STRANDED CABLE TO ALL SIGNAL HEADS.
C. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW, UNSPLICED SHIELDED 4 CONDUCTOR 18AWG STRANDED CABLES TO ALL APS UNITS. A SEGMENT OF 4 CONDUCTOR 18AWG SHIELDED, STRANDED CABLE SHALL EXTEND FROM EACH POLE MOUNTED APS UNIT TO THE 2-SECTION PEDESTRIAN SIGNAL HEAD MOUNTED ON THE SAME POLE.



GRAPHIC SCALE
20 10 0 20 40
1" = 20'-0" HORIZ.

LEGEND:

- PROPOSED TYPE 2070 TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET
- UNINTERRUPTED POWER SUPPLY (UPS) SYSTEM
- EXISTING 28-FOOT STREETLIGHT POLE WITH LUMINAIRE
- EXISTING 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- EXISTING WOOD POLE WITH LUMINAIRE
- EXISTING TRAFFIC LOOP
- PROPOSED 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- PROPOSED 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATING DIRECTION OF LIGHT
- PROPOSED 3-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED LED SIGN
- PROPOSED 2-SECTION LED COUNTDOWN PEDESTRIAN SIGNAL HEAD
- PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (APS)
- PROPOSED VIDEO DETECTION CAMERA
- EXISTING PULL BOX
- EXISTING CATCH BASIN(S)
- EXISTING DRAINAGE GRATE INLET
- PROPOSED ADA COMPLIANT WHEELCHAIR RAMP
- TRAFFIC SIGN AND POST
- EXISTING WATER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAINAGE MANHOLE
- EXISTING GAS MANHOLE
- EXISTING GAS VALVE
- EXISTING TELEPHONE MANHOLE
- EXISTING PEPCO ELECTRICAL MANHOLE
- PROPOSED DDOT MANHOLE (3'X3'X3')
- PROPOSED DDOT MANHOLE (4'X4'X4')
- EXISTING BUSH LINE
- PROPOSED DDOT ELECTRICAL PVC CONDUIT
- EXISTING GUARD RAIL
- R.O.W. RIGHT OF WAY LINE
- PROPOSED POWER SOURCE

SEQUENCE OF OPERATION DRAWING NO. TS-1523-D, ACISA NO. 4001

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA · SAMANTHA SIMONES · NO. PE904706 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

S.L.F. NO.

APPROVED BY DATE

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE
AND CHAPPIE JAMES BOULEVARD, S.W.
TRAFFIC SIGNAL MODIFICATION

RECOMMENDED
TRAFFIC SIGNAL PROJECT ENGINEER — DATE
TRAFFIC SIGNAL MAINTENANCE MANAGER — DATE
APPROVED
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER — DATE

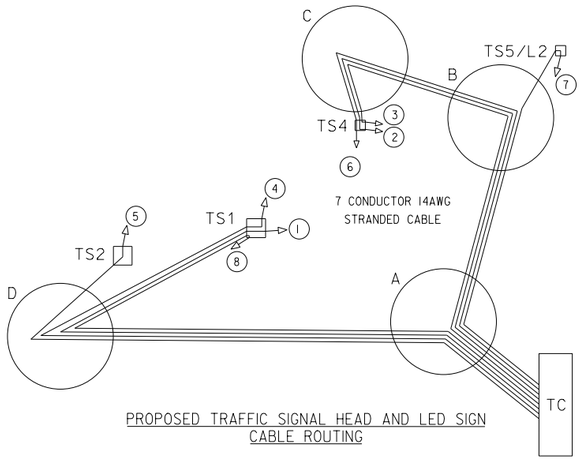
SG-10	
FINAL	
FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	09 /2024
SCALE	1" = 20'
SHEET	1 OF 3
DRAWING NO.	S-1980-B

3/30/2026
pSG-P010_FINAL.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	478	576

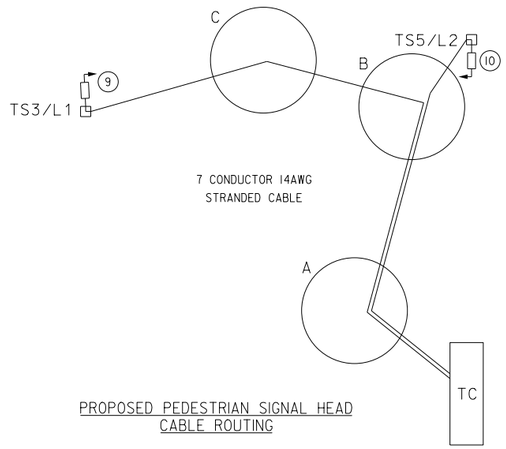
PROPOSED TRAFFIC SIGNAL HEAD AND LED SIGN CABLE SCHEMATIC



PROPOSED TRAFFIC SIGNAL HEAD AND LED SIGN CABLE ROUTING

TC - A - B - TS5/L2 - 7
TC - A - B - C - TS4 - 6
TC - A - B - C - TS4 - 3
TC - A - B - C - TS4 - 2
TC - A - D - TS1 - 4
TC - A - D - TS1 - 1
TC - A - D - TS1 - 8
TC - A - D - TS2 - 5

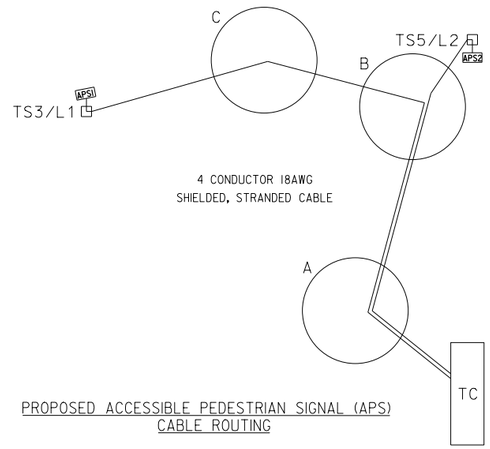
PROPOSED PEDESTRIAN SIGNAL HEAD CABLE SCHEMATIC



PROPOSED PEDESTRIAN SIGNAL HEAD CABLE ROUTING

TC - A - B - TS5/L2 - 10
TC - A - B - C - TS3/L1 - 9

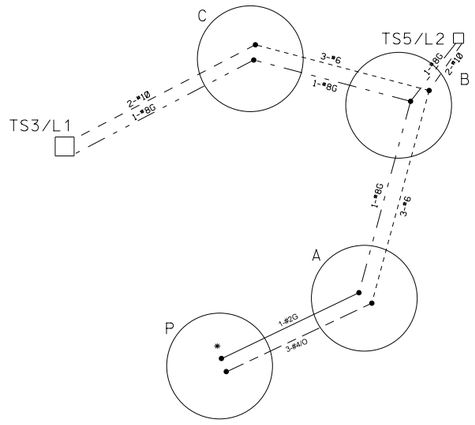
PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (APS) CABLE SCHEMATIC



PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (APS) CABLE ROUTING

TC - A - B - TS5/L2 - APS2
TC - A - B - C - TS3/L1 - APS1

PROPOSED STREETLIGHT CABLE SCHEMATIC



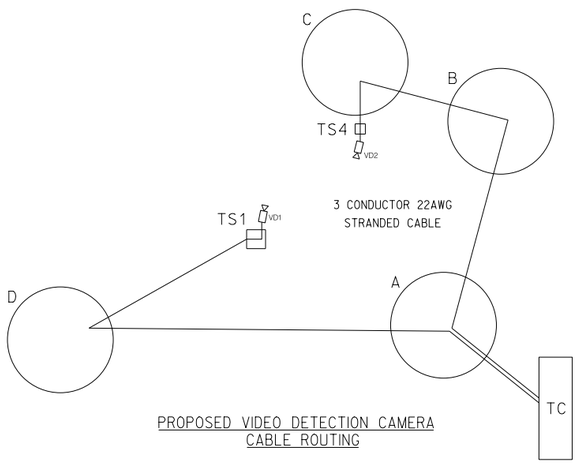
PROPOSED STREETLIGHT CABLE ROUTING

•P - A - B - C - TS3/L1
•P - A - B - TS5/L2

PROPOSED STREETLIGHT CABLE LEGEND

- NO. 8 STRANDED BARE COPPER GROUND WIRE
- NO. 2 STRANDED BARE COPPER GROUND WIRE
- TWO NO. 10 STRANDED CABLES
- THREE NO. 6 STRANDED CABLES
- THREE NO. 4/0 STRANDED CABLES
- • SPLICE POINT

PROPOSED VIDEO DETECTION CAMERA CABLE SCHEMATIC



PROPOSED VIDEO DETECTION CAMERA CABLE ROUTING

TC - A - B - C - TS4 - VD2
TC - A - D - TS1 - VD1

STATION SCHEDULE		
STATION	STATUS	DESCRIPTION
TC	PROPOSED	TYPE 2070 TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET
A	PROPOSED	DDOT TRAFFIC SIGNAL MANHOLE (4'x4'x4')
B	PROPOSED	DDOT TRAFFIC SIGNAL MANHOLE (3'x3'x3')
C	PROPOSED	DDOT TRAFFIC SIGNAL MANHOLE (3'x3'x3')
D	PROPOSED	DDOT TRAFFIC SIGNAL MANHOLE (3'x3'x3')
*P	EXISTING	PEPCO MANHOLE (EXISTING POWER SOURCE)
TS1	PROPOSED	20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
TS2	PROPOSED	20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
TS3/L1	PROPOSED	28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
TS4	PROPOSED	20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
TS5/L2	PROPOSED	28-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
PB	EXISTING	PULL BOX

CONDUIT SUMMARY				
LOCATION TO LOCATION	STATUS	SIZE (DIA.) (IN)	NUMBER OF CONDUITS	QUANTITY (FT)
*P- TC	PROPOSED	2	1	70
*P- A	PROPOSED	4	4	55
TC - A	PROPOSED	2,4	1,2	20
A - B	PROPOSED	4	4	55
A - D	PROPOSED	4	4	85
B - C	PROPOSED	4	4	70
B - TS5/L2	PROPOSED	2,4	1,1	25
C - TS4	PROPOSED	2,4	1,1	10
C - TS3/L1	PROPOSED	2,4	1,1	55
D - TS1	PROPOSED	2,4	1,1	10
D - TS2	PROPOSED	2,4	1,1	10

STREETLIGHT CABLE SUMMARY							
SCHEDULE			QUANTITY				
			CABLE			GROUNDING	
FROM STA.	TO STA.	DISTANCE	4/0	#6	#10	#2	#8
*P	A	55	150			75	
A	B	60		210			80
B	C	70		240			90
C	TS3/L1	55			150		75
B	TS5/L2	20			80		30
TOTAL		N/A	150	450	230	75	275

PROPOSED STREETLIGHT POLE INFORMATION (POLE RELOCATION)						
DRAWING LIGHT NO.	MARYLAND GRID PLAT	LOCATION	TYPE OF POLE	LIGHT SOURCE	LAMP WATTS	DATE IN SERVICE
TS3/L1		SW COR. OF OVERLOOK AVE. AND CHAPPIE JAMES BLVD.	PEND POST	LED	150 W	
TS5/L2		NW COR. OF OVERLOOK AVE. AND CHAPPIE JAMES BLVD.	PEND POST	LED	150 W	

NOTE:

1. TRAFFIC SIGNAL TO REMAIN ON EXISTING POWER SOURCE. LOCATION OF POWER SOURCE UNKNOWN.

SEQUENCE OF OPERATION DRAWING NO. TS-1523-D, ACISA NO. 4001

SG-11

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE
AND CHAPPIE JAMES BOULEVARD, S.W.
CABLE ROUTING AND SCHEMATIC PLAN

FINAL

FIELD CHECKED BY: KN/MDS
DESIGNED BY: KN
DRAWN BY: KN
REVIEWED BY: MDS
DATE: 09 /2024
SCALE: 1" = 20'
SHEET 2 OF 3
DRAWING NO. S-1980-B

RECOMMENDED _____ DATE _____
TRAFFIC SIGNAL PROJECT ENGINEER

_____ DATE _____
TRAFFIC SIGNAL MAINTENANCE MANAGER

APPROVED _____ DATE _____
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER

DISTRICT OF COLUMBIA
MARLON O. SMOOT
NO. PE904705
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

S.L.F. NO. _____

APPROVED BY _____ DATE _____

ch2m TOOLE DESIGN

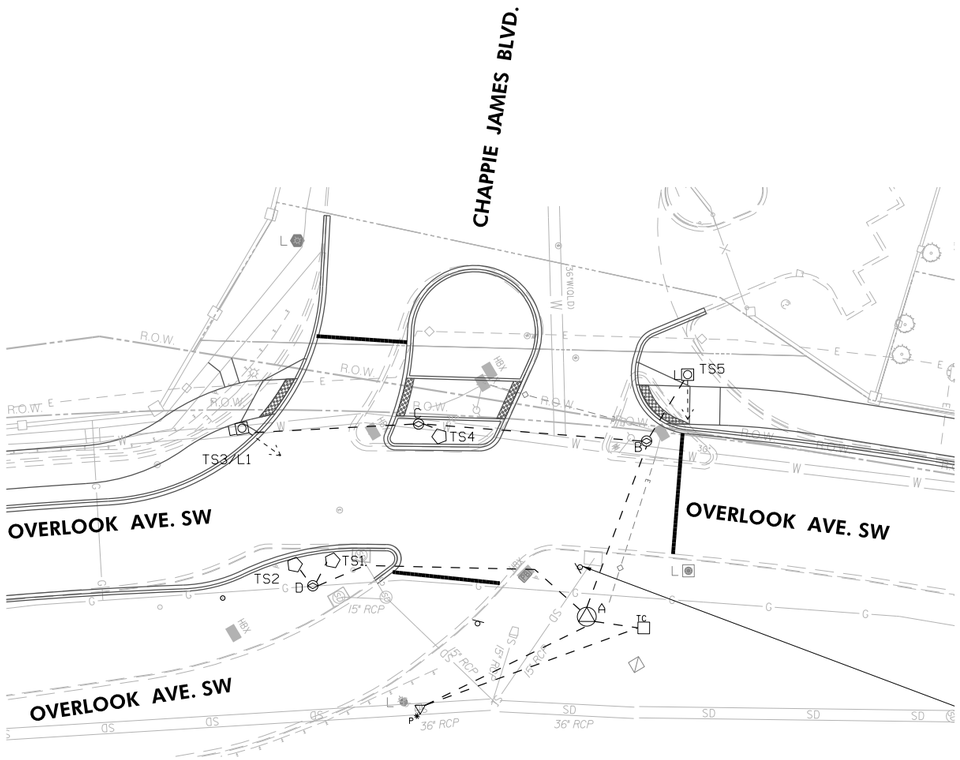
3/30/2026
pSG-P011_SCHEMATIC.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	479	576

UTILITY NOTES:

1. THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD SURVEY DATA AND/OR RECORD DRAWINGS. THE LOCATION OF UTILITIES SHOWN IS APPROXIMATE AND THE INFORMATION SHOWN IS NOT NECESSARILY COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE OF ALL UTILITIES WELL IN ADVANCE OF CONDUCTING CONSTRUCTION OPERATIONS WHICH COULD DAMAGE THESE FACILITIES. IN AREAS WHERE PROPOSED CONSTRUCTION MAY CONFLICT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES. IF A UTILITY IS DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER OF SAID UTILITY. ANY DAMAGE SUSTAINED TO UTILITIES ABOVE OR BELOW THE GROUND SHALL BE REPAIRED BY OR UNDER THE DIRECTION OF THE OWNER AT CONTRACTOR'S EXPENSE. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR BACKFILL AN EXCAVATION AFFECTING SAID UTILITY WITHOUT FIRST RECEIVING PERMISSION FROM THE UTILITY OWNER.
2. THE CONTRACTOR SHALL EXCAVATE AND LOCATE VERTICALLY AND HORIZONTALLY ALL UTILITIES IN CLOSE PROXIMITY TO THE PROPOSED TRAFFIC SIGNAL WORK AREA AS NECESSARY FOR CONSTRUCTION.
3. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO EXCAVATING.
4. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 2-FOOT HORIZONTAL CLEARANCE TO ALL UTILITIES DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS.



LEGEND:

- TC □ PROPOSED TYPE 2070 TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERRUPTED POWER SUPPLY (UPS) SYSTEM
- L ⬢ EXISTING TWIN 20 STREETLIGHT POLE WITH LED FIXTURE
- L ◉ EXISTING 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- ⬠ PROPOSED 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- ◎ PROPOSED MONOTUBE MAST ARM TRAFFIC SIGNAL POLE
- L ◎ PROPOSED MONOTUBE MAST ARM TRAFFIC SIGNAL POLE WITH LUMINAIRE
- L ◰ PROPOSED 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- L ◰ PROPOSED 38.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LOWERING DEVICE, LUMINAIRE AND A STEEL TRANSFORMER BASE
- PB EXISTING PULL BOX
- CB EXISTING CATCH BASIN(S)
- EXISTING DRAINAGE GRATE INLET
- PROPOSED ADA COMPLIANT WHEELCHAIR RAMP
- EXISTING TRAFFIC SIGN AND POST
- EXISTING FIRE HYDRANT
- (W) EXISTING WATER MANHOLE
- (SS) EXISTING SANITARY SEWER MANHOLE
- (SD) EXISTING STORM DRAINAGE MANHOLE
- EXISTING GAS VALVE
- (T) EXISTING TELEPHONE MANHOLE
- (E) EXISTING PEPCO ELECTRICAL MANHOLE
- PROPOSED DDOT MANHOLE (4'X4'X4')
- PROPOSED DDOT MANHOLE (3'X3'X3')
- PROPOSED LOCATION FOR PEPCO POWER CONNECTION
- EXISTING BUSH LINE
- SS EXISTING SANITARY SEWER LINE
- SD EXISTING STORM DRAINAGE SEWER LINE
- G EXISTING GAS LINE
- T EXISTING TELEPHONE LINE
- E EXISTING ELECTRICAL LINE
- PROPOSED DDOT ELECTRICAL PVC CONDUIT
- EXISTING GUARD RAIL
- R.O.W. RIGHT OF WAY LINE

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

DISTRICT OF COLUMBIA
DARLOND SMOKE
NO. PE007760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

S.L.F. NO.

APPROVED BY _____ DATE

SEQUENCE OF OPERATION DRAWING NO. TS-1523-D, ACISA NO. 4001 — SG-12

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE
AND CHAPPIE JAMES BOULEVARD, S.W.
UTILITY PLAN

RECOMMENDED _____ DATE
TRAFFIC SIGNAL PROJECT ENGINEER

_____ DATE
TRAFFIC SIGNAL MAINTENANCE MANAGER

APPROVED _____ DATE
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER

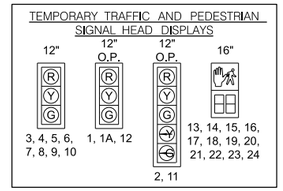
	FINAL
FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	09 /2024
SCALE	1" = 20'
SHEET / OF	3 / 3
DRAWING NO.	S-1980-B

3/30/2026
pSG-P012_UTILITY_PLAN.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	480	576

TEMPORARY TRAFFIC AND PEDESTRIAN SIGNAL HEAD DISPLAYS



GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF THE TRAFFIC SIGNALS SHALL CONFORM WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD SPECIFICATIONS, STANDARD DRAWINGS, AND THE CONTRACT SPECIAL PROVISIONS.
B. THE CONTRACTOR SHALL SUBMIT TO DDOT CATALOG CUTS FOR ALL MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.
C. THE CONTRACTOR SHALL FURNISH ALL TEMPORARY, PORTABLE, CONCRETE BASES, TRAFFIC SIGNAL POLES, TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRANSFORMER BASES AND ALL MOUNTING HARDWARE.
D. THE CONTRACTOR SHALL RETURN ALL REMOVED TRAFFIC SIGNAL EQUIPMENT TO THE DDOT SIGNAL SHOP. CONTACT MR. KENAN BESS AT LEAST 72 HOURS IN ADVANCE AT (202) 439-4736 TO ARRANGE SERVICE.
E. THE EXISTING PEPCO POWER IS TO BE MODIFIED. THE CONTRACTOR SHALL CONTACT PEPCO TO ARRANGE SERVICE AND PAY FEES.
F. THE CONTRACTOR SHALL RELOCATE ALL SIGNS ON EXISTING POLES TO TEMPORARY POLES, UNLESS INDICATED OTHERWISE ON PLAN.
G. NO ABOVE GROUND HARDWARE WILL BE PLACED SUCH THAT A MINIMUM 4' CONTINUOUS PATH FOR ADA PURPOSES IS NOT MAINTAINED.
H. ALL TEMPORARY POLES SHALL BE PROPERLY GROUNDED. DDOT SIGNAL TECHNICIAN WILL NOT ACTIVATE ANY SIGNAL UNLESS POLES ARE PROPERLY GROUNDED.
I. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER ALIGNMENT AND OPERATION OF ALL SIGNALS ON TEMPORARY POLES.
J. NO TEMPORARY CABLES SHALL BE DIRECT BURIED. ALL TEMPORARY CABLING SHALL BE PROPERLY ENCLOSED IN FLEX CONDUIT AND SHALL BE ACCESSIBLE SHOULD EMERGENCY REPLACEMENT BE REQUIRED.
K. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PERMANENT RESTORATION OF ALL DISTURBED PAVEMENT, REPAIRED MARKINGS, CURBS, SIDEWALKS, AND LANDSCAPING IRRIGATION AREAS DURING CONSTRUCTION AND AT THE END OF CONSTRUCTION.
L. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC SIGNAL ITEMS AS SHOWN ON THE APPROVED TRAFFIC SIGNAL PLANS.
M. NO CHANGES FROM PLANS IN LOCATION OF THE SUPPORTING STRUCTURES, SIGNAL HEAD PLACEMENT OR TRAFFIC SIGNAL EQUIPMENT WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT DEPARTMENT OF TRANSPORTATION, TRAFFIC SIGNAL DIVISION.
N. STREETLIGHTS MUST BE MAINTAINED AT ALL TIMES. USE PROPOSED LUMINAIRES AS NECESSARY.

REMOVAL NOTES:

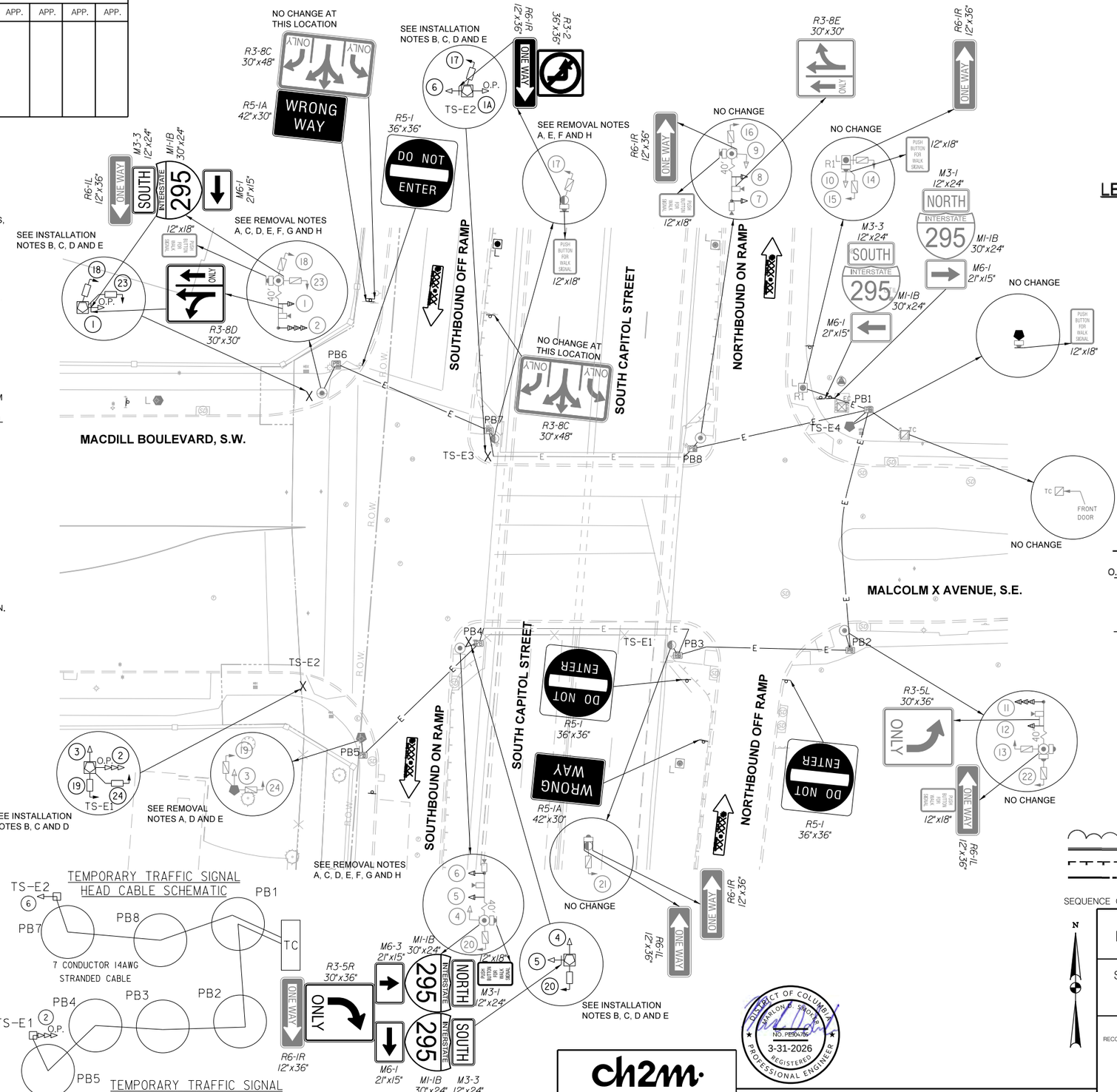
A. REMOVE THE EXISTING TRAFFIC SIGNAL POLE (ANY TYPE).
B. REMOVE THE EXISTING STEEL PENDANT POST STREETLIGHT POLE AND LUMINAIRE.
C. REMOVE THE EXISTING MAST ARM.
D. REMOVE THE EXISTING TRAFFIC SIGNAL HEAD(S).
E. REMOVE THE EXISTING PEDESTRIAN SIGNAL HEAD(S).
F. REMOVE THE EXISTING SIGN(S).
G. REMOVE THE EXISTING VIDEO DETECTION CAMERA.
H. REMOVE THE EXISTING PEDESTRIAN PUSH BUTTON.

INSTALLATION NOTES:

A. RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET ONTO A TEMPORARY, PORTABLE, CONCRETE BASE.
B. INSTALL 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE ONTO A TEMPORARY, PORTABLE, CONCRETE BASE.
C. INSTALL LED TRAFFIC SIGNAL HEAD(S).
D. INSTALL LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD(S).
E. INSTALL PROPOSED TRAFFIC SIGN(S).
F. INSTALL 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH A ONE-FOOT ARM, LUMINAIRE AND A STEEL TRANSFORMER BASE ONTO A TEMPORARY, PORTABLE, CONCRETE BASE.

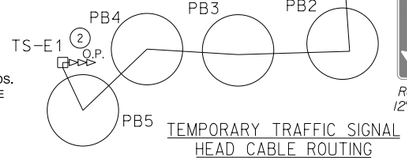
CABLE NOTES:

1. DDOT PERSONNEL WILL MAKE ALL ELECTRICAL CONNECTIONS INSIDE THE CONTROLLER CABINET. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS IN TRAFFIC AND PEDESTRIAN SIGNAL HEADS.
2. TEMPORARY SIGNAL CABLES EXTENDING OVER THE GROUND SURFACE SHALL BE PROTECTED BY FLEXIBLE PLASTIC CONDUIT.
3. THE CONTRACTOR SHALL PROVIDE 50 FEET OF SLACK CABLE COILED NEATLY AT EACH TEMPORARY, PORTABLE, CONCRETE BASE.



TEMPORARY TRAFFIC SIGNAL HEAD CABLE SCHEMATIC

TEMPORARY TRAFFIC SIGNAL HEAD CABLE ROUTING



TC - PB1 - PB2 - PB3 - PB4 - PB5- TS-E1 - 2
TC - PB1 - PB8 - PB7 - TS-E2 - 6

LEGEND:

- EXISTING TRAFFIC SIGNAL CONTROLLER
- EXISTING TRAFFIC SIGNAL CONTROLLER MOUNTED ON A TEMPORARY, PORTABLE, CONCRETE BASE
- EC EXISTING ELECTRICAL CABINET
- PROPOSED LOCATION OF A TEMPORARY, PORTABLE, CONCRETE BASE
- EXISTING 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE
- EXISTING MONOTUBE MAST ARM TRAFFIC SIGNAL POLE
- L EXISTING 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- L EXISTING TWIN 20 STREETLIGHT POLE WITH LED FIXTURE
- PROPOSED 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE MOUNTED ON A TEMPORARY, PORTABLE, CONCRETE BASE
- L PROPOSED 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH A ONE-FOOT ARM, LUMINAIRE AND A STEEL TRANSFORMER BASE MOUNTED ON A TEMPORARY, PORTABLE, CONCRETE BASE
- EXISTING 3-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- EXISTING 3-SECTION OPTICALLY PROGRAMMABLE TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED 3-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- O.P. PROPOSED 3-SECTION OPTICALLY PROGRAMMABLE TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- EXISTING 5-SECTION OPTICALLY PROGRAMMABLE TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- O.P. PROPOSED 5-SECTION OPTICALLY PROGRAMMABLE TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- EXISTING 2-SECTION LED COUNTDOWN PEDESTRIAN SIGNAL HEAD
- PROPOSED 2-SECTION LED COUNTDOWN PEDESTRIAN SIGNAL HEAD
- 40' EXISTING 40-FOOT MAST ARM
- EXISTING PEDESTRIAN PUSH BUTTON
- EXISTING VIDEO DETECTION CAMERA
- PB EXISTING PULL BOX
- EXISTING CATCH BASIN(S)
- EXISTING DRAINAGE GRATE INLET
- EXISTING WHEELCHAIR RAMP
- EXISTING TRAFFIC SIGN AND POST
- EXISTING FIRE HYDRANT
- W EXISTING WATER MANHOLE
- SS EXISTING SANITARY SEWER MANHOLE
- SD EXISTING STORM DRAINAGE MANHOLE
- EXISTING GAS VALVE
- T EXISTING TELEPHONE MANHOLE
- E EXISTING PEPCO ELECTRICAL MANHOLE
- EXISTING DDOT ELECTRICAL MANHOLE
- EXISTING BUSH LINE
- EXISTING RETAINING WALL
- EXISTING GUARD RAIL
- R.O.W. RIGHT OF WAY LINE

SEQUENCE OF OPERATION DRAWING NO. TS-225-J OPT-1, ACISA NO. 4286

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

SOUTH CAPITOL STREET, MACDILL BOULEVARD AND MALCOLM X AVENUE
TRAFFIC SIGNAL MODIFICATION

RECOMMENDED _____ TRAFFIC SIGNAL PROJECT ENGINEER _____ DATE
_____ TRAFFIC SIGNAL MAINTENANCE MANAGER _____ DATE
APPROVED _____ TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER _____ DATE

DISTRICT OF COLUMBIA · MARLON G. SIMONS · NO. PE904705 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

S.L.F. NO. _____
APPROVED BY _____ DATE _____

SG–13	
STAGE 1	
FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	09 /2024
SCALE	1" = 20'
SHEET / OF	1 / 1
DRAWING NO.	S–86–F

3/30/2026
PSG-P013_STAGE_1.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	481	576

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND THE CONTRACT SPECIAL PROVISIONS.
B. THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED, WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.
C. THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE, THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
D. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS, MANHOLES, POLE FOUNDATIONS, AND CONTROLLER CABINET FOUNDATION.
E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRAFFIC SIGNAL POLES, TRANSFORMER BASES, APS UNITS, CCTV CAMERA, VIDEO DETECTION CAMERAS, TRAFFIC SIGNAL CONTROLLER, CABINET, EXTERNAL UNINTERRUPTED POWER SUPPLY (UPS) SYSTEM AND ALL MOUNTING HARDWARE.
F. THE CONTRACTOR SHALL RETURN ALL REMOVED AND SALVAGED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. KENAN BESS 72 HOURS IN ADVANCE AT (202) 439-4736 TO ARRANGE SERVICE OR AS DIRECTED BY THE ENGINEER.
G. NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FEET CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.
H. THE CONTRACTOR MUST COORDINATE THE INSTALLATION OF THE NEW CCTV CAMERA EQUIPMENT AND CABLES WITH DDOT.
I. A NEW PEPCO ELECTRICAL SERVICE IS REQUIRED. THE CONTRACTOR SHALL COORDINATE SERVICE INSTALLATION AND PAYMENT WITH PEPCO IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.
J. NO CHANGES FROM PLANS IN LOCATION OF THE SUPPORTING STRUCTURES, SIGNAL HEAD PLACEMENT OR TRAFFIC SIGNAL EQUIPMENT WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT DEPARTMENT OF TRANSPORTATION, TRAFFIC SIGNAL DIVISION.
K. THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL SIZE AS-BUILT DRAWING RECORDS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL SIGNAL EQUIPMENT AND CONDUITS, STRUCTURES AND OTHER FACILITIES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.

REMOVAL NOTES:

A. REMOVE EXISTING TRAFFIC SIGN.

INSTALLATION NOTES:

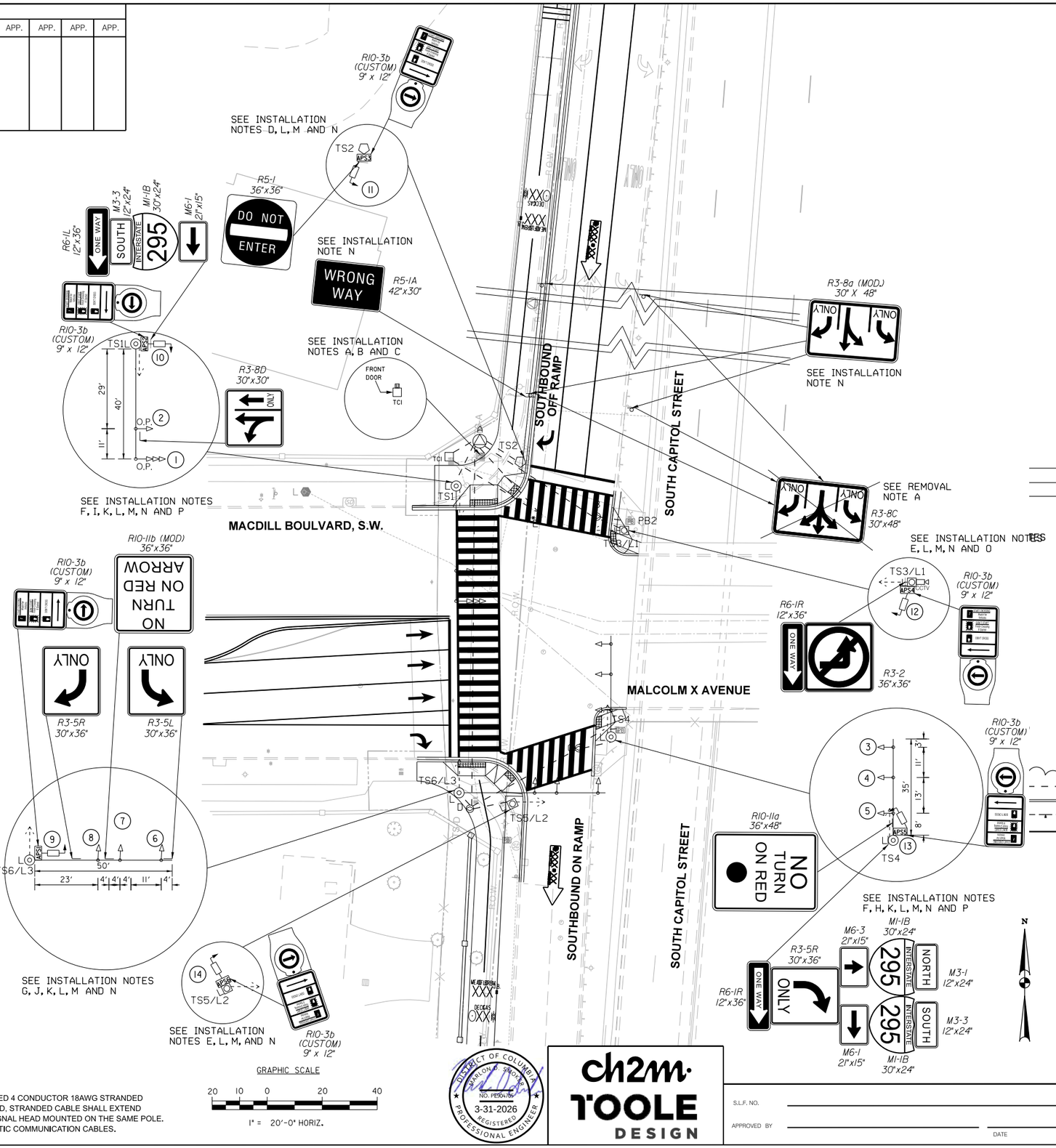
A. INSTALL TRAFFIC SIGNAL CONTROLLER CABINET FOUNDATION.
B. INSTALL TRAFFIC SIGNAL CONTROLLER CABINET.
C. INSTALL TRAFFIC SIGNAL CONTROLLER.
D. INSTALL 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE.
E. INSTALL 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH A STEEL TRANSFORMER BASE AND LUMINAIRE.
F. INSTALL MONOTUBE MAST ARM TRAFFIC SIGNAL POLE.
G. INSTALL MONOTUBE MAST ARM TRAFFIC SIGNAL POLE WITH LUMINAIRE.
H. INSTALL 35-FOOT MAST ARM.
I. INSTALL 40-FOOT MAST ARM.
J. INSTALL 50-FOOT MAST ARM.
K. INSTALL LED TRAFFIC SIGNAL HEAD(S) WITH RETROREFLECTIVE BACKPLATE(S).
L. INSTALL LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD(S).
M. INSTALL APS UNIT(S).
N. INSTALL PROPOSED TRAFFIC SIGN(S).
O. INSTALL NEW CCTV CAMERA.
P. INSTALL NEW VIDEO DETECTION CAMERA(S).

MAST ARM NOTES:

A. A BACK PLATE SHALL BE AFFIXED TO EACH MAST ARM MOUNTED SIGNAL HEAD.
B. THE BOTTOM OF MAST ARM MOUNTED SIGNAL HEADS SHALL BE 16 FEET ABOVE THE ROADWAY SURFACE.
C. AN ASTRO-BRAC OR APPROVED EQUIVALENT SHALL BE USED TO MOUNT SIGNAL HEADS (1, 2, 3, 4, 5, 6, 7 AND 8) TO MAST ARMS.

CABLE NOTES:

A. DDOT PERSONNEL WILL MAKE ALL ELECTRICAL CONNECTIONS INSIDE THE CONTROLLER CABINET. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS IN TRAFFIC AND PEDESTRIAN SIGNAL HEADS.
B. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW, UNSPLICED 7 CONDUCTOR 14AWG STRANDED CABLE TO ALL SIGNAL HEADS.
C. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW, UNSPLICED SHIELDED 4 CONDUCTOR 18AWG STRANDED CABLES TO ALL APS UNITS. A SEGMENT OF 4 CONDUCTOR 18AWG SHIELDED, STRANDED CABLE SHALL EXTEND FROM EACH POLE MOUNTED APS UNIT TO THE 2-SECTION PEDESTRIAN SIGNAL HEAD MOUNTED ON THE SAME POLE.
D. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW 6-STRAND FIBER OPTIC COMMUNICATION CABLES.



LEGEND:

- PROPOSED TYPE 2070 TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERRUPTED POWER SUPPLY (UPS) SYSTEM
- EXISTING TWIN 20 STREETLIGHT POLE WITH LED FIXTURE
- EXISTING 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- PROPOSED 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- PROPOSED MONOTUBE MAST ARM TRAFFIC SIGNAL POLE
- PROPOSED MONOTUBE MAST ARM TRAFFIC SIGNAL POLE WITH LUMINAIRE
- PROPOSED 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- PROPOSED 3-SECTION LED TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED 3-SECTION OPTICALLY PROGRAMMABLE TRAFFIC SIGNALHEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED 5-SECTION OPTICALLY PROGRAMMABLE TRAFFIC SIGNAL HEAD CONVENTIONAL (ALL LENSES 12 INCHES)
- PROPOSED LED SIGN
- PROPOSED 2-SECTION LED COUNTDOWN PEDESTRIAN SIGNAL HEAD
- PROPOSED 8-FOOT MAST ARM WITH CAP AND CLAMP
- PROPOSED 35-FOOT MAST ARM
- PROPOSED 40-FOOT MAST ARM
- PROPOSED 50-FOOT MAST ARM
- PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (APS)
- PROPOSED CCTV CAMERA
- PROPOSED VIDEO DETECTION CAMERA
- EXISTING PULL BOX
- EXISTING CATCH BASIN(S)
- EXISTING DRAINAGE GRATE INLET
- PROPOSED ADA COMPLIANT WHEELCHAIR RAMP
- EXISTING TRAFFIC SIGN AND POST
- EXISTING FIRE HYDRANT
- EXISTING WATER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAINAGE MANHOLE
- EXISTING GAS MANHOLE
- EXISTING GAS VALVE
- EXISTING TELEPHONE MANHOLE
- EXISTING PEPCO ELECTRICAL MANHOLE
- PROPOSED DDOT MANHOLE (4'X4'X4')
- PROPOSED DDOT MANHOLE (3'X3'X3')
- PROPOSED LOCATION FOR PEPCO POWER CONNECTION
- EXISTING BUSH LINE
- PROPOSED DDOT ELECTRICAL PVC CONDUIT
- EXISTING RETAINING WALL
- EXISTING GUARD RAIL
- RIGHT OF WAY LINE

SEQUENCE OF OPERATION DRAWING NO. TS-1898, ACISA NO. 4286

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

SOUTH CAPITOL STREET, MACDILL BOULEVARD AND MALCOLM X AVENUE (WEST)
TRAFFIC SIGNAL MODIFICATION

RECOMMENDED — TRAFFIC SIGNAL PROJECT ENGINEER — DATE
TRAFFIC SIGNAL MAINTENANCE MANAGER — DATE
APPROVED — TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER — DATE

DISTRICT OF COLUMBIA — MARLON J. BROOKS — NO. PE904786 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

S.L.I.F. NO.
APPROVED BY — DATE

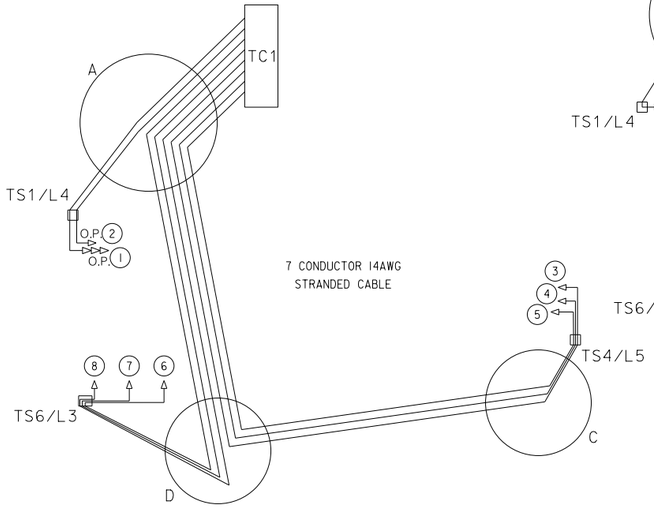
SG–14	
FINAL	
FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	09 /2024
SCALE	1" = 20'
SHEET / OF	1 / 3
DRAWING NO.	S–2454–A

3/30/2026
psc-P014_FINAL.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	482	576

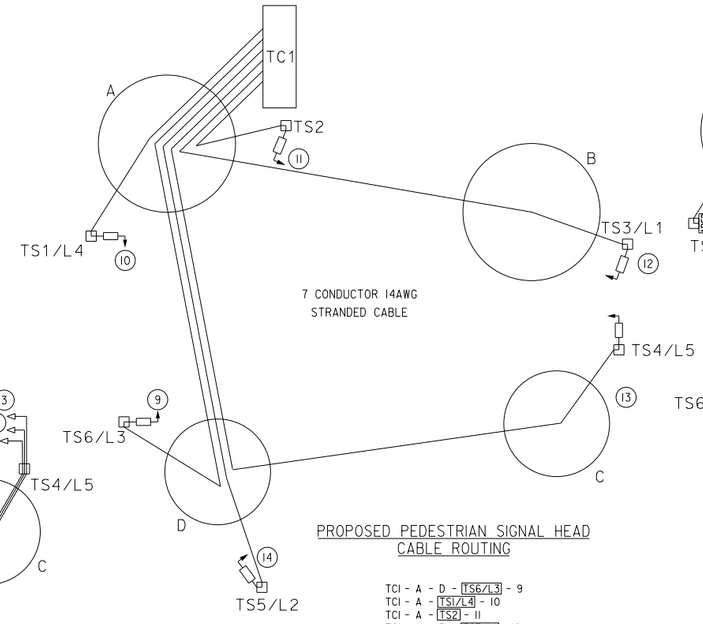
PROPOSED TRAFFIC SIGNAL HEAD AND LED SIGN CABLE SCHEMATIC



PROPOSED TRAFFIC SIGNAL HEAD AND LED SIGN CABLE ROUTING

TCI - A - TS1 - 1
TCI - A - TS1 - 2
TCI - A - D - C - TS4/L5 - 3
TCI - A - D - C - TS4/L5 - 4
TCI - A - D - C - TS4/L5 - 5
TCI - A - D - TS6/L3 - 6
TCI - A - D - TS6/L3 - 7
TCI - A - D - TS6/L3 - 8

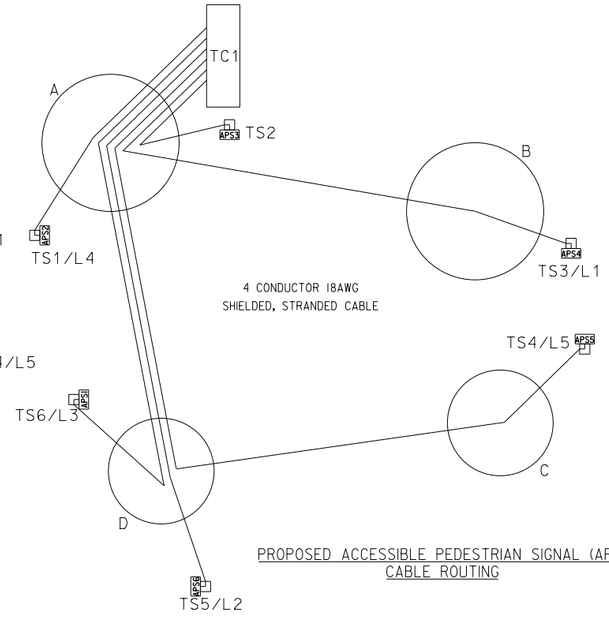
PROPOSED PEDESTRIAN SIGNAL HEAD CABLE SCHEMATIC



PROPOSED PEDESTRIAN SIGNAL HEAD CABLE ROUTING

TCI - A - D - TS6/L3 - 9
TCI - A - TS1/L4 - 10
TCI - A - TS2 - 11
TCI - A - B - TS3/L1 - 12
TCI - A - D - C - TS4/L5 - 13
TCI - A - D - TS5/L2 - 14

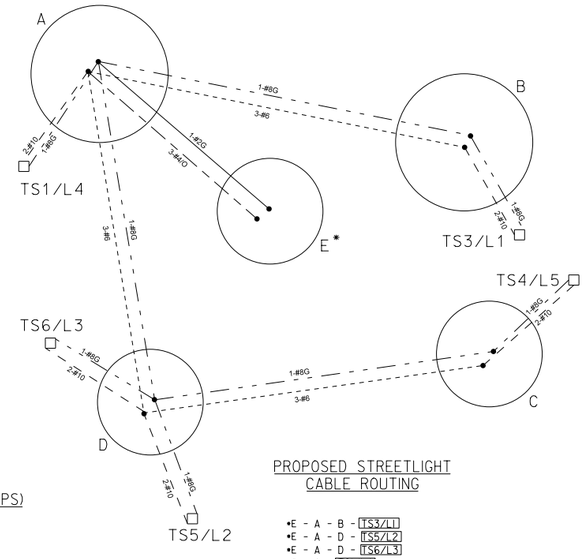
PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (APS) CABLE SCHEMATIC



PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (APS) CABLE ROUTING

TCI - A - D - TS6/L3 - APS1
TCI - A - TS1/L4 - APS2
TCI - A - TS2 - APS3
TCI - A - B - TS3/L1 - APS4
TCI - A - D - C - TS4/L5 - APS5
TCI - A - D - TS5/L2 - APS6

PROPOSED STREETLIGHT CABLE SCHEMATIC



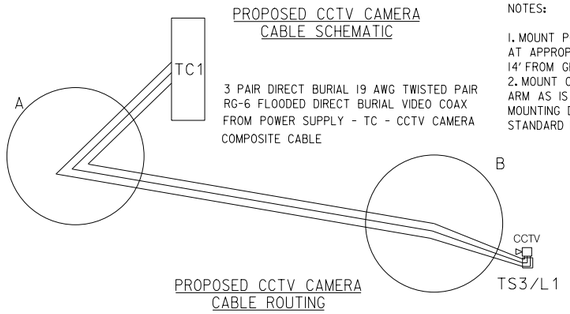
PROPOSED STREETLIGHT CABLE ROUTING

- E - A - B - TS3/L1
- E - A - D - TS5/L2
- E - A - D - TS6/L3
- E - A - TS1/L4
- E - A - D - C - TS4/L5

PROPOSED STREETLIGHT CABLE LEGEND

- NO. 8 STRANDED BARE COPPER GROUND WIRE
- NO. 2 STRANDED BARE COPPER GROUND WIRE
- TWO NO. 10 STRANDED CABLES
- THREE NO. 6 STRANDED CABLES
- THREE NO. 4/0 STRANDED CABLES
- SPLICE POINT

PROPOSED CCTV CAMERA CABLE SCHEMATIC



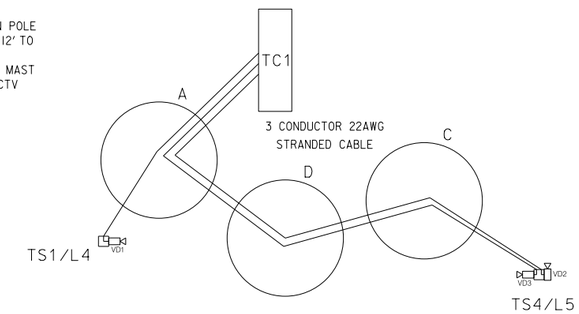
NOTES:

1. MOUNT POWER SUPPLY ON POLE AT APPROPRIATE LOCATION 12' TO 14' FROM GROUND.
2. MOUNT CAMERA DOME ON MAST ARM AS IS SPECIFIED ON CCTV MOUNTING DETAILS (DDOT STANDARD DRAWING).

PROPOSED CCTV CAMERA CABLE ROUTING

TCI - A - B - TS3/L1 - CCTV

PROPOSED VIDEO DETECTION CAMERA CABLE SCHEMATIC



PROPOSED VIDEO DETECTION CAMERA CABLE ROUTING

TCI - A - TS1/L4 - VD1
TCI - A - D - C - TS4/L5 - VD2
TCI - A - D - C - TS4/L5 - VD3

STATION SCHEDULE		
STATION	STATUS	DESCRIPTION
TCI	PROPOSED	TYPE 2070 TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERRUPTED POWER SUPPLY (UPS) SYSTEM
A	PROPOSED	DDOT TRAFFIC SIGNAL MANHOLE (4'x4'x4')
B	PROPOSED	DDOT TRAFFIC SIGNAL MANHOLE (3'x3'x3')
C	PROPOSED	DDOT TRAFFIC SIGNAL MANHOLE (3'x3'x3')
D	PROPOSED	DDOT TRAFFIC SIGNAL MANHOLE (3'x3'x3')
•E	EXISTING	PEPCO MANHOLE
TS1/L4	PROPOSED	MONOTUBE MAST ARM TRAFFIC SIGNAL POLE WITH A 40-FOOT MAST ARM
TS2	PROPOSED	20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
TS3/L1	PROPOSED	28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LOWERING DEVICE, LUMINAIRE AND A STEEL TRANSFORMER BASE
TS4/L5	PROPOSED	MONOTUBE MAST ARM TRAFFIC SIGNAL POLE WITH A 35-FOOT MAST ARM
TS5/L2	PROPOSED	28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE, A STEEL TRANSFORMER BASE AND AN 8-FOOT MAST ARM WITH CAP AND CLAMP
TS6/L3	PROPOSED	MONOTUBE MAST ARM TRAFFIC SIGNAL POLE WITH LUMINAIRE AND A 50-FOOT MAST ARM
PB	EXISTING	DDOT ELECTRICAL PULL BOX

CONDUIT SUMMARY				
LOCATION TO LOCATION	STATUS	SIZE (DIA.) (IN)	NUMBER OF CONDUITS	QUANTITY (FT)
•E - TCI	PROPOSED	2	1	40
•E - A	PROPOSED	4	2	45
TCI - A	PROPOSED	2,4	1,2	20
A - B	PROPOSED	4	4	65
A - D	PROPOSED	4	4	135
D - C	PROPOSED	4	4	50
B - PB2	PROPOSED	4	1	15
A - TS1/L4	PROPOSED	2,4	1,1	15
A - TS2	PROPOSED	2,4	1,1	25
B - TS3/L1	PROPOSED	2,4	1,1	25
C - TS4/L5	PROPOSED	2,4	1,1	20
D - TS5/L2	PROPOSED	2,4	1,1	20
D - TS6/L3	PROPOSED	2,4	1,1	15

STREETLIGHT POLE INFORMATION (POLE INSTALLATION)						
DRAWING LIGHT NO.	MARYLAND GRID PLAT	LOCATION	TYPE OF POLE	LIGHT SOURCE	LAMP WATTS	DATE IN SERVICE
TS3/L1		NE COR. OF SOUTH CAPITOL ST. AND MALCOLM X AVE. (WEST)	PEND POST	LED	110W	
TS5/L2		SW COR. OF SOUTH CAPITOL ST. AND MALCOLM X AVE. (WEST)	PEND POST	LED	110W	
TS6/L3		SW COR. OF SOUTH CAPITOL ST. AND MALCOLM X AVE. (WEST)	PEND POST	LED	110W	
TS1/L4		NW COR. OF SOUTH CAPITOL ST. AND MALCOLM X AVE. (WEST)	PEND POST	LED	110W	
TS4/L5		SE COR. OF SOUTH CAPITOL ST. AND MALCOLM X AVE. (WEST)	PEND POST	LED	110W	

STREETLIGHT CABLE SUMMARY							
SCHEDULE			QUANTITY				
			CABLE			GROUNDING	
FROM STA.	TO STA.	DISTANCE	4/0	#6	#10	#2	#8
•E	A	45	130			65	
A	B	65		230			85
B	TS3/L1	25			90		45
A	D	135		440			155
D	TS5/L2	20			80		40
D	TS6/L3	15			70		35
A	TS1/L4	20			40		40
D	C	45		170	130		65
C	TS4/L5	15			50		35
TOTAL		N/A	130	840	460	65	500

SEQUENCE OF OPERATION DRAWING NO. TS-1898, ACISA NO. 4286

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

SOUTH CAPITOL STREET, MACDILL BOULEVARD AND MALCOLM X AVENUE (WEST)
CABLE ROUTING AND SCHEMATIC PLAN

DISTRICT OF COLUMBIA — MARLON D. SIMMONS — NO. PE30476 — REGISTERED PROFESSIONAL ENGINEER
3-31-2026

ch2m TOOLE DESIGN

S.L.F. NO.

APPROVED BY _____ DATE

RECOMMENDED _____ DATE
TRAFFIC SIGNAL PROJECT ENGINEER

TRAFFIC SIGNAL MAINTENANCE MANAGER _____ DATE

APPROVED _____ DATE
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER

SG-15	
FINAL	
FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	09 /2024
SCALE	1" = 20'
SHEET / OF	2 / 3
DRAWING NO.	S-2454-A

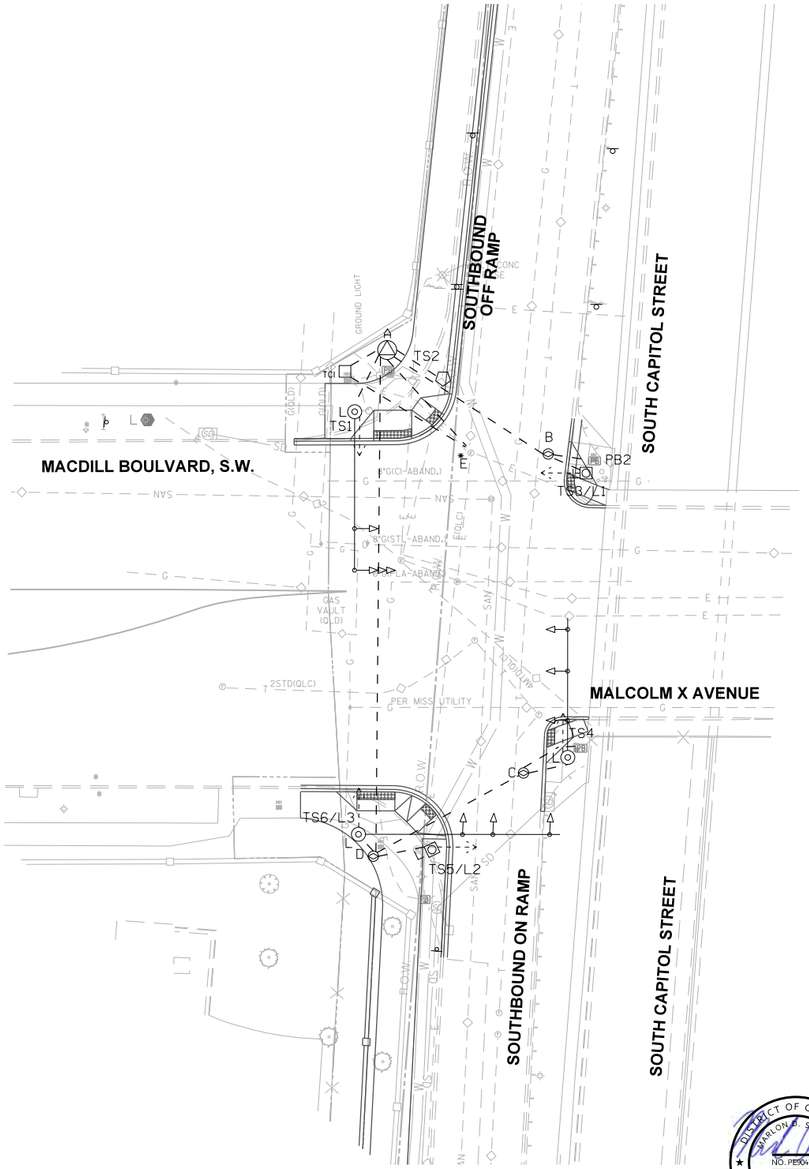
3/30/2026
pSG-P015_SCHEMATIC.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	483	576

UTILITY NOTES:

1. THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD SURVEY DATA AND/OR RECORD DRAWINGS. THE LOCATION OF UTILITIES SHOWN IS APPROXIMATE AND THE INFORMATION SHOWN IS NOT NECESSARILY COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE OF ALL UTILITIES WELL IN ADVANCE OF CONDUCTING CONSTRUCTION OPERATIONS WHICH COULD DAMAGE THESE FACILITIES. IN AREAS WHERE PROPOSED CONSTRUCTION MAY CONFLICT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES. IF A UTILITY IS DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER OF SAID UTILITY. ANY DAMAGE SUSTAINED TO UTILITIES ABOVE OR BELOW THE GROUND SHALL BE REPAIRED BY OR UNDER THE DIRECTION OF THE OWNER AT CONTRACTOR'S EXPENSE. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR BACKFILL AN EXCAVATION AFFECTING SAID UTILITY WITHOUT FIRST RECEIVING PERMISSION FROM THE UTILITY OWNER.
2. THE CONTRACTOR SHALL EXCAVATE AND LOCATE VERTICALLY AND HORIZONTALLY ALL UTILITIES IN CLOSE PROXIMITY TO THE PROPOSED TRAFFIC SIGNAL WORK AREA AS NECESSARY FOR CONSTRUCTION.
3. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO EXCAVATING.
4. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 2-FOOT HORIZONTAL CLEARANCE TO ALL UTILITIES DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS.



GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

LEGEND:

- TC □ PROPOSED TYPE 2070 TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERRUPTED POWER SUPPLY (UPS) SYSTEM
- L ⬢ EXISTING TWIN 20 STREETLIGHT POLE WITH LED FIXTURE
- L ◉ EXISTING 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- ⬠ PROPOSED 20-FOOT STEEL TRAFFIC SIGNAL POLE WITH A STEEL TRANSFORMER BASE
- ◎ PROPOSED MONOTUBE MAST ARM TRAFFIC SIGNAL POLE
- L ◎ PROPOSED MONOTUBE MAST ARM TRAFFIC SIGNAL POLE WITH LUMINAIRE
- L ◈ PROPOSED 28.5-FOOT STEEL PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND A STEEL TRANSFORMER BASE
- PB EXISTING PULL BOX
- EXISTING CATCH BASIN(S)
- EXISTING DRAINAGE GRATE INLET
- PROPOSED ADA COMPLIANT WHEELCHAIR RAMP
- EXISTING TRAFFIC SIGN AND POST
- EXISTING FIRE HYDRANT
- (W) EXISTING WATER MANHOLE
- (SS) EXISTING SANITARY SEWER MANHOLE
- (SD) EXISTING STORM DRAINAGE MANHOLE
- EXISTING GAS VALVE
- (T) EXISTING TELEPHONE MANHOLE
- (E) EXISTING PEPCO ELECTRICAL MANHOLE
- PROPOSED DDOT MANHOLE (4'X4'X4')
- PROPOSED DDOT MANHOLE (3'X3'X3')
- PROPOSED LOCATION FOR PEPCO POWER CONNECTION
- EXISTING BUSH LINE
- SS EXISTING SANITARY SEWER LINE
- SD EXISTING STORM DRAINAGE SEWER LINE
- G EXISTING GAS LINE
- T EXISTING TELEPHONE LINE
- E EXISTING ELECTRICAL LINE
- PROPOSED DDOT ELECTRICAL PVC CONDUIT
- EXISTING RETAINING WALL
- EXISTING GUARD RAIL
- R.O.W RIGHT OF WAY LINE

DISTRICT OF COLUMBIA — DARRYL O. SMOOT — NO. PE904760 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

S.L.F. NO. _____

APPROVED BY _____ DATE _____

SEQUENCE OF OPERATION DRAWING NO. TS–1898, ACISA NO. 4286

SG–16

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

FINAL

SOUTH CAPITOL STREET, MACDILL BOULEVARD AND MALCOLM X AVENUE (WEST)
UTILITY PLAN

FIELD CHECKED BY: KN/MDS
DESIGNED BY: KN
DRAWN BY: KN
REVIEWED BY: MDS
DATE: 09 /2024
SCALE: 1" = 20'
SHEET 3 OF 3
DRAWING NO. S–2454–A

RECOMMENDED _____ DATE _____
TRAFFIC SIGNAL PROJECT ENGINEER

_____ DATE _____
TRAFFIC SIGNAL MAINTENANCE MANAGER

APPROVED _____ DATE _____
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER

3/30/2026
pSG-P016_UTILITY_PLAN.dgn

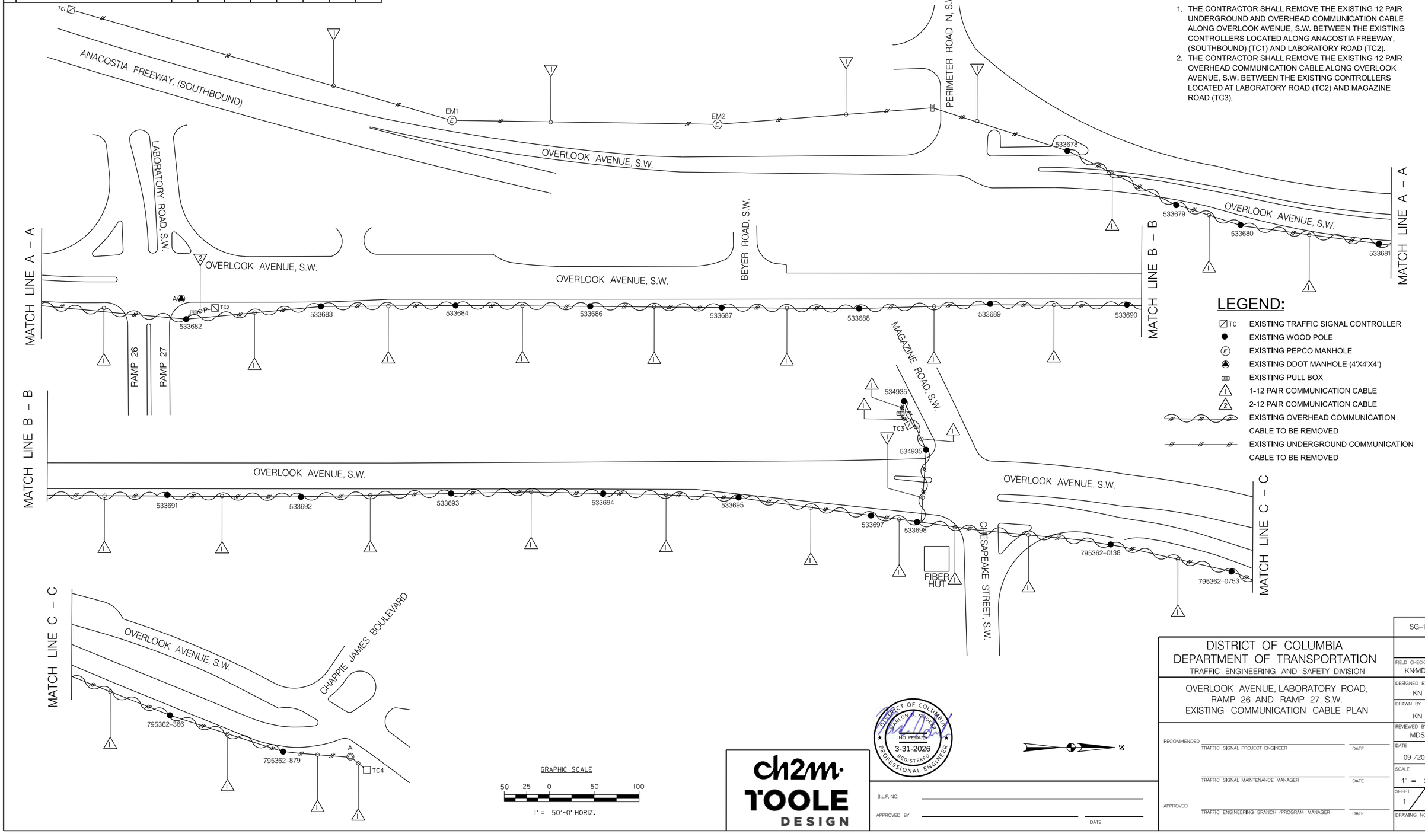
REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	484	576

EXISTING COMMUNICATION CABLE PLAN

REMOVAL NOTES:

1. THE CONTRACTOR SHALL REMOVE THE EXISTING 12 PAIR UNDERGROUND AND OVERHEAD COMMUNICATION CABLE ALONG OVERLOOK AVENUE, S.W. BETWEEN THE EXISTING CONTROLLERS LOCATED ALONG ANACOSTIA FREEWAY, (SOUTHBOUND) (TC1) AND LABORATORY ROAD (TC2).
2. THE CONTRACTOR SHALL REMOVE THE EXISTING 12 PAIR OVERHEAD COMMUNICATION CABLE ALONG OVERLOOK AVENUE, S.W. BETWEEN THE EXISTING CONTROLLERS LOCATED AT LABORATORY ROAD (TC2) AND MAGAZINE ROAD (TC3).



LEGEND:

- TC — EXISTING TRAFFIC SIGNAL CONTROLLER
- EXISTING WOOD POLE
- (E) — EXISTING PEPCO MANHOLE
- EXISTING DDOT MANHOLE (4'X4'X4')
- EXISTING PULL BOX
- 1 — 1-12 PAIR COMMUNICATION CABLE
- 2 — 2-12 PAIR COMMUNICATION CABLE
- EXISTING OVERHEAD COMMUNICATION CABLE TO BE REMOVED
- EXISTING UNDERGROUND COMMUNICATION CABLE TO BE REMOVED

GRAPHIC SCALE

50 25 0 50 100

1" = 50'-0" HORIZ.

N

DISTRICT OF COLUMBIA — DARRYL O. SMOKE — NO. PE904776 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

S.L.F. NO.

APPROVED BY DATE

SG–17

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE, LABORATORY ROAD, RAMP 26 AND RAMP 27, S.W.
EXISTING COMMUNICATION CABLE PLAN

RECOMMENDED
TRAFFIC SIGNAL PROJECT ENGINEER — DATE

TRAFFIC SIGNAL MAINTENANCE MANAGER — DATE

APPROVED
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER — DATE

FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	09 /2024
SCALE	1" = 20'
SHEET / OF	1 / 8
DRAWING NO.	

3/30/2026
pCW-E001.dgn

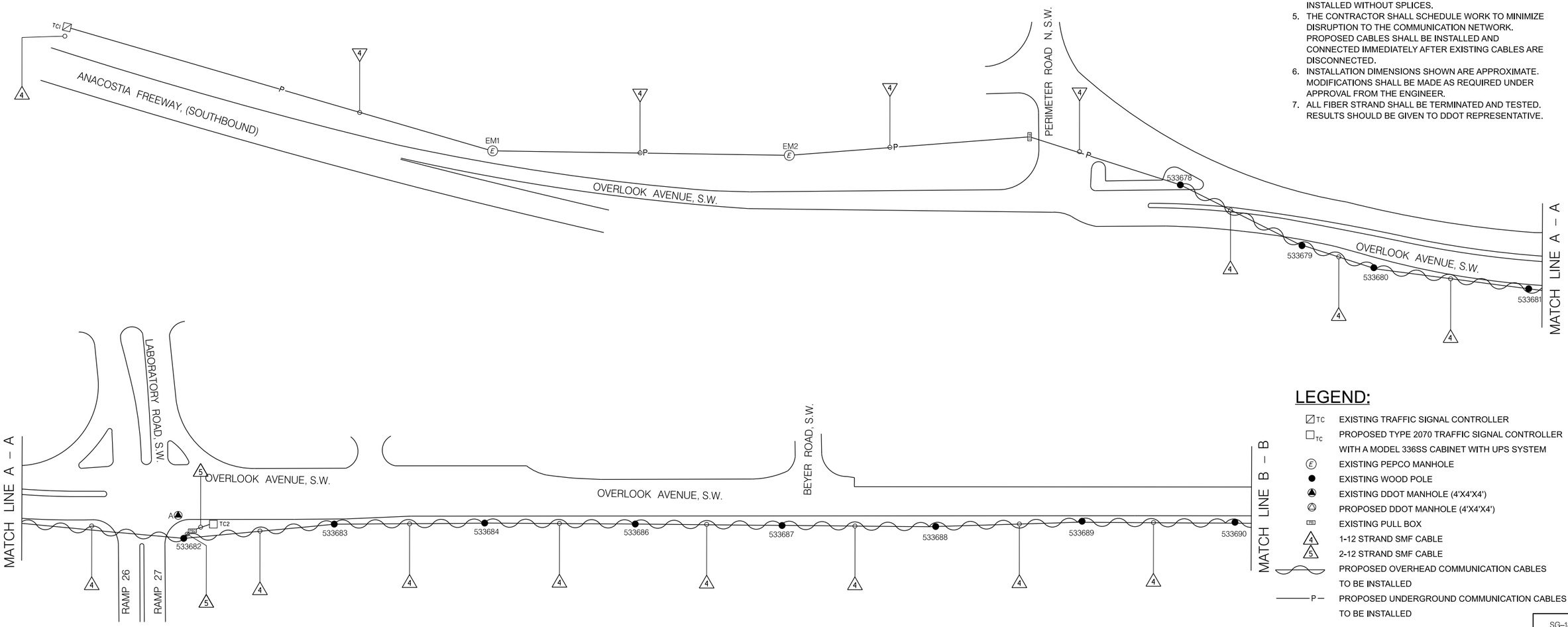
REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	485	576

PROPOSED COMMUNICATION CABLE PLAN

GENERAL NOTES:

1. DDOT PERSONNEL WILL DISCONNECT COMMUNICATION CABLES IN THE TERMINAL BLOCK OF TRAFFIC SIGNAL CONTROLLERS.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW UNSPLICED 12 STRAND FIBER COMMUNICATION CABLES AS PROPOSED SHOWN IN PLANS.
3. THE CONTRACTOR SHALL TERMINATE ALL FIBER IN CONTROLLER AND TERMINATION CABINETS.
4. ALL PROPOSED COMMUNICATION CABLES SHALL BE INSTALLED WITHOUT SPLICES.
5. THE CONTRACTOR SHALL SCHEDULE WORK TO MINIMIZE DISRUPTION TO THE COMMUNICATION NETWORK. PROPOSED CABLES SHALL BE INSTALLED AND CONNECTED IMMEDIATELY AFTER EXISTING CABLES ARE DISCONNECTED.
6. INSTALLATION DIMENSIONS SHOWN ARE APPROXIMATE. MODIFICATIONS SHALL BE MADE AS REQUIRED UNDER APPROVAL FROM THE ENGINEER.
7. ALL FIBER STRAND SHALL BE TERMINATED AND TESTED. RESULTS SHOULD BE GIVEN TO DDOT REPRESENTATIVE.



LEGEND:

- TC — EXISTING TRAFFIC SIGNAL CONTROLLER
- TC — PROPOSED TYPE 2070 TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET WITH UPS SYSTEM
- (E) — EXISTING PEPCO MANHOLE
- ● — EXISTING WOOD POLE
- ▲ — EXISTING DDOT MANHOLE (4'X4'X4')
- △ — PROPOSED DDOT MANHOLE (4'X4'X4')
- PB — EXISTING PULL BOX
- 4 — 1-12 STRAND SMF CABLE
- 5 — 2-12 STRAND SMF CABLE
- PROPOSED OVERHEAD COMMUNICATION CABLES TO BE INSTALLED
- ——P—— PROPOSED UNDERGROUND COMMUNICATION CABLES TO BE INSTALLED

INSTALLATION NOTES:

1. THE CONTRACTOR SHALL INSTALL 12 STRAND FIBER UNDERGROUND AND OVERHEAD COMMUNICATION CABLE ALONG OVERLOOK AVENUE, S.W. BETWEEN THE EXISTING CONTROLLER LOCATED ALONG ANACOSTIA FREEWAY (TC1) AND THE PROPOSED CONTROLLER LOCATED AT LABORATORY ROAD (TC2).
2. THE CONTRACTOR SHALL INSTALL 12 STRAND FIBER UNDERGROUND AND OVERHEAD COMMUNICATION CABLE ALONG OVERLOOK AVENUE, S.W. BETWEEN THEPROPOSED CONTROLLERS LOCATED AT LABORATORY ROAD (TC2) AND CHESAPEAKE STREET (TC3).
3. THE CONTRACTOR SHALL INSTALL 12 STRAND FIBER UNDERGROUND AND OVERHEAD COMMUNICATION CABLE ALONG OVERLOOK AVENUE, S.W. BETWEEN THE PROPOSED CONTROLLERS LOCATED AT CHESAPEAKE STREET (TC3) AND CHAPPIE JAMES BLVD (TC4).

GRAPHIC SCALE
50 25 0 50 100
1" = 50'-0" HORIZ.

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA — MARLON D. SIMONS — NO. PE50706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

S.L.F. NO.

APPROVED BY ____ DATE

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE, LABORATORY ROAD, RAMP 26 AND RAMP 27, S.W.
PROPOSED COMMUNICATION CABLE PLAN

RECOMMENDED
TRAFFIC SIGNAL PROJECT ENGINEER ____ DATE
TRAFFIC SIGNAL MAINTENANCE MANAGER ____ DATE
APPROVED
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER ____ DATE

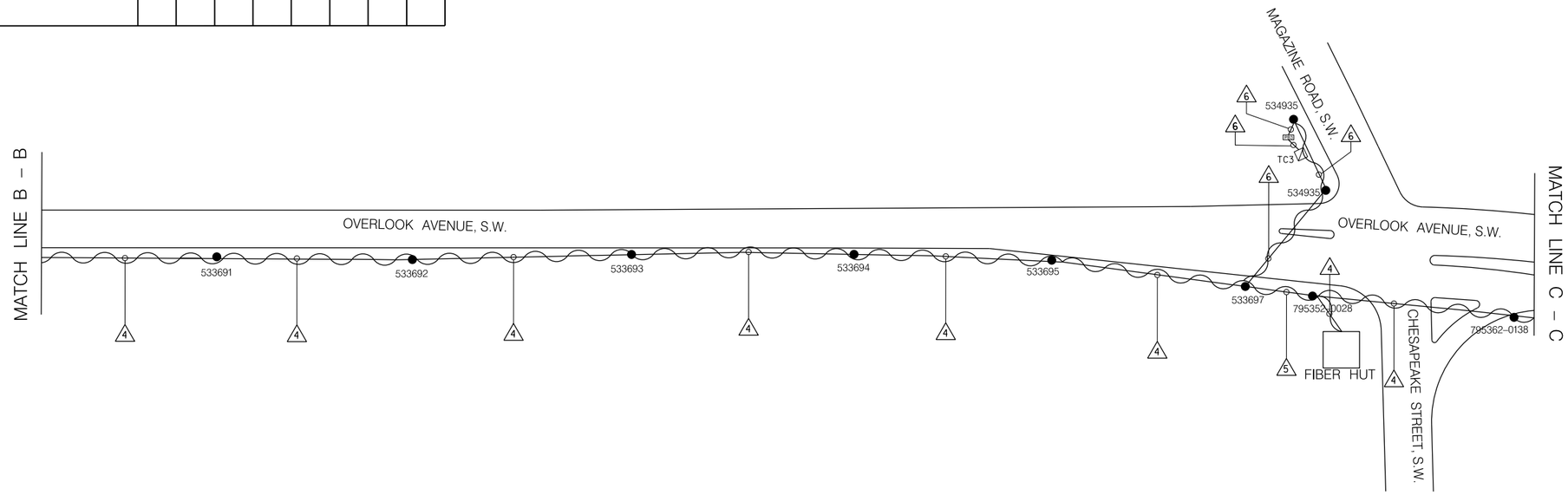
	SG–18
	FINAL
FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	09 /2024
SCALE	1" = 20'
SHEET / OF	2 / 8
DRAWING NO.	

3/30/2026
pCM-P001.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	486	576

PROPOSED COMMUNICATION CABLE PLAN



GENERAL NOTES:

1. DDOT PERSONNEL WILL DISCONNECT COMMUNICATION CABLES IN THE TERMINAL BLOCK OF TRAFFIC SIGNAL CONTROLLERS.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW UNSPLICED 12 STRAND FIBER COMMUNICATION CABLES AS PROPOSED SHOWN IN PLANS.
3. THE CONTRACTOR SHALL TERMINATE ALL FIBER IN CONTROLLER AND TERMINATION CABINETS.
4. ALL PROPOSED COMMUNICATION CABLES SHALL BE INSTALLED WITHOUT SPLICES.
5. THE CONTRACTOR SHALL SCHEDULE WORK TO MINIMIZE DISRUPTION TO THE COMMUNICATION NETWORK. PROPOSED CABLES SHALL BE INSTALLED AND CONNECTED IMMEDIATELY AFTER EXISTING CABLES ARE DISCONNECTED.
6. INSTALLATION DIMENSIONS SHOWN ARE APPROXIMATE. MODIFICATIONS SHALL BE MADE AS REQUIRED UNDER APPROVAL FROM THE ENGINEER.
7. ALL FIBER STRAND SHALL BE TERMINATED AND TESTED. RESULTS SHALL BE GIVEN TO DDOT REPRESENTATIVE.

LEGEND:

- ☒TC EXISTING TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET WITH UPS SYSTEM
- ☐TC PROPOSED TYPE 2070 TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET WITH UPS SYSTEM
- (E) EXISTING PEPCO MANHOLE
- ● EXISTING WOOD POLE
- ▲ EXISTING DDOT MANHOLE (4'X4'X4')
- △ PROPOSED DDOT MANHOLE (4'X4'X4')
- EXISTING PULL BOX
- 4 1-12 STRAND SMF CABLE
- 5 2-12 STRAND SMF CABLE
- 6 3-12 STRAND SMF CABLE
- PROPOSED OVERHEAD COMMUNICATION CABLES TO BE INSTALLED
- ——P— PROPOSED UNDERGROUND COMMUNICATION CABLES TO BE INSTALLED

INSTALLATION NOTES:

1. THE CONTRACTOR SHALL INSTALL 12 STRAND FIBER UNDERGROUND AND OVERHEAD COMMUNICATION CABLE ALONG OVERLOOK AVENUE, S.W. BETWEEN THE EXISTING CONTROLLER LOCATED ALONG ANACOSTIA FREEWAY (TC1) AND THE PROPOSED CONTROLLER LOCATED AT LABORATORY ROAD (TC2).
2. THE CONTRACTOR SHALL INSTALL 12 STRAND FIBER UNDERGROUND AND OVERHEAD COMMUNICATION CABLE ALONG OVERLOOK AVENUE, S.W. BETWEEN THE PROPOSED CONTROLLERS LOCATED AT LABORATORY ROAD (TC2) AND CHESAPEAKE STREET (TC3).
3. THE CONTRACTOR SHALL INSTALL 12 STRAND FIBER UNDERGROUND AND OVERHEAD COMMUNICATION CABLE ALONG OVERLOOK AVENUE, S.W. BETWEEN THE PROPOSED CONTROLLERS LOCATED AT CHESAPEAKE STREET (TC3) AND CHAPPIE JAMES BLVD (TC4).

GRAPHIC SCALE

50 25 0 50 100

1" = 50'-0" HORIZ.

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA · MARLON G. SMOAK · NO. PE904705 · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

N

S.L.F. NO.

APPROVED BY ____ DATE

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE, LABORATORY ROAD, RAMP 26 AND RAMP 27, S.W.
PROPOSED COMMUNICATION CABLE PLAN

RECOMMENDED ____ TRAFFIC SIGNAL PROJECT ENGINEER ____ DATE

____ TRAFFIC SIGNAL MAINTENANCE MANAGER ____ DATE

APPROVED ____ TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER ____ DATE

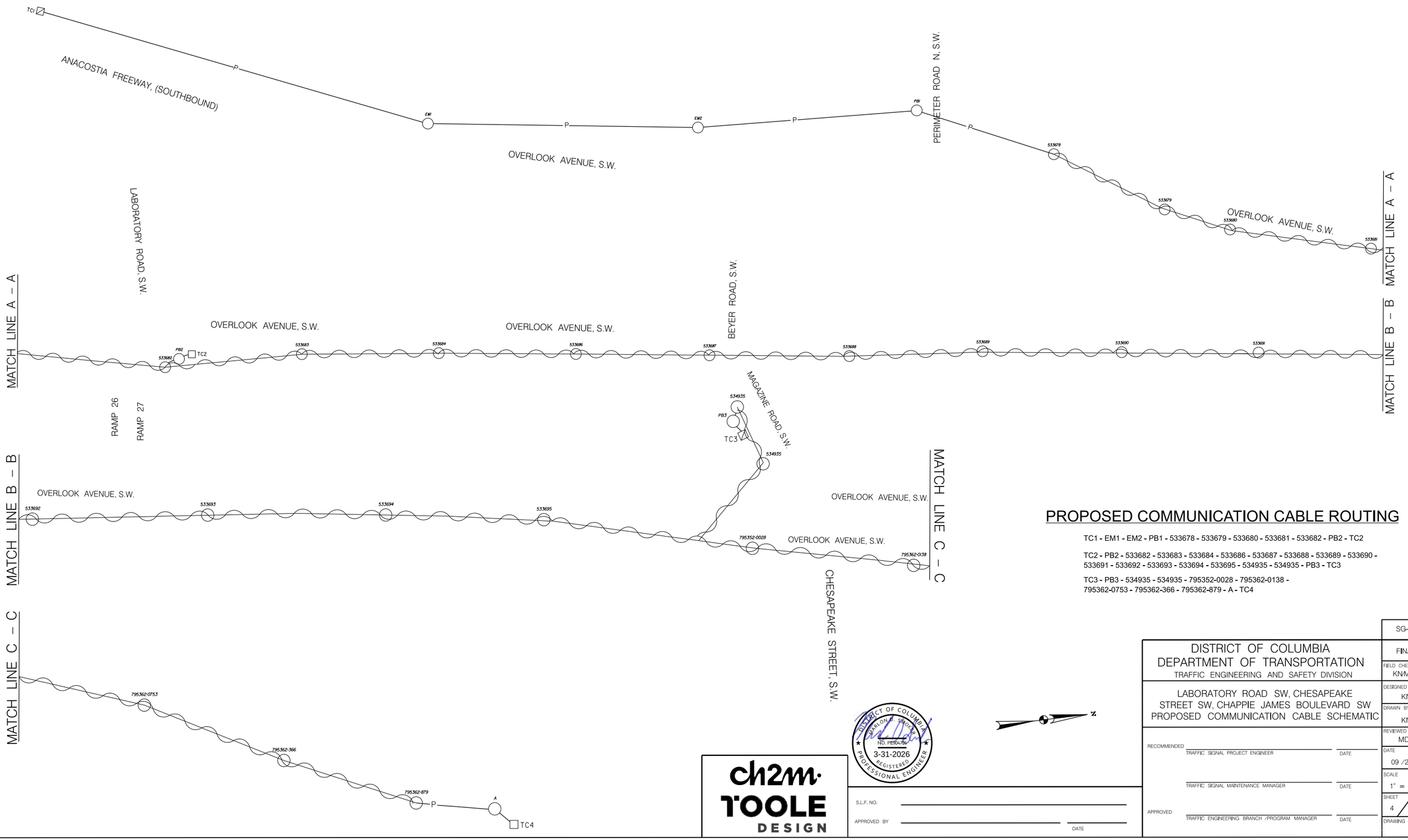
	SG–19
FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	09 /2024
SCALE	1" = 20'
SHEET / OF	3 / 8
DRAWING NO.	

3/30/2026
pCM-P002.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	487	576

PROPOSED COMMUNICATION CABLE SCHEMATIC



PROPOSED COMMUNICATION CABLE ROUTING

TC1 - EM1 - EM2 - PB1 - 533678 - 533679 - 533680 - 533681 - 533682 - PB2 - TC2

TC2 - PB2 - 533682 - 533683 - 533684 - 533686 - 533687 - 533688 - 533689 - 533690 - 533691 - 533692 - 533693 - 533694 - 533695 - 534935 - 534935 - PB3 - TC3

TC3 - PB3 - 534935 - 534935 - 795352-0028 - 795362-0138 - 795362-0753 - 795362-366 - 795362-879 - A - TC4

3/30/2026
pCM-P003.dgn

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
MARLON D. SIMONS
NO. PE904795
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

S.L.F. NO.

APPROVED BY DATE

SG–20

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

LABORATORY ROAD SW, CHESAPEAKE STREET SW, CHAPPIE JAMES BOULEVARD SW
PROPOSED COMMUNICATION CABLE SCHEMATIC

FINAL

FIELD CHECKED BY KN/MDS
DESIGNED BY KN
DRAWN BY KN
REVIEWED BY MDS
DATE 09 /2024
SCALE 1" = 20'
SHEET 4 OF 8
DRAWING NO.

RECOMMENDED
TRAFFIC SIGNAL PROJECT ENGINEER DATE

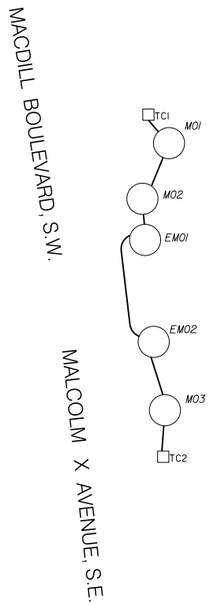
TRAFFIC SIGNAL MAINTENANCE MANAGER DATE

APPROVED
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER DATE

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	488	576

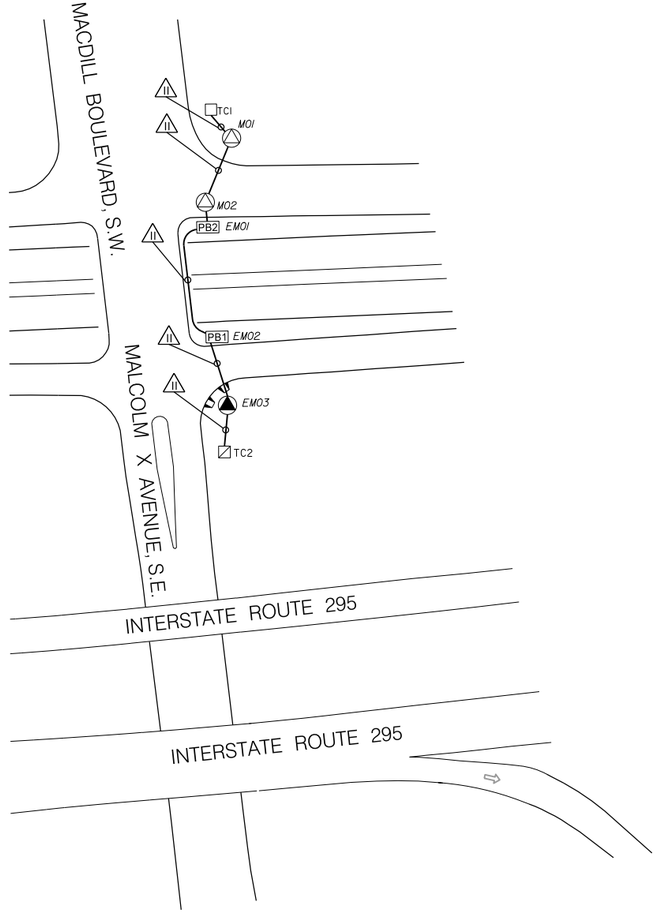
PROPOSED COMMUNICATION CABLE SCHEMATIC



PROPOSED COMMUNICATION CABLE ROUTING

TC1 - M01 - M02 - EM01 - EM02 - M03 - TC2

PROPOSED COMMUNICATION CABLE PLAN



GENERAL NOTES:

1. DDOT PERSONNEL WILL DISCONNECT COMMUNICATION CABLES IN THETERMINAL BLOCK OF TRAFFIC SIGNAL CONTROLLERS AND IN ELECTRICAL CABINET.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW 12-STRAND FIBER OPTIC COMMUNICATION CABLE AS PROPOSED SHOWN IN PLAN.
3. THE CONTRACTOR SHALL CONNECT THE 12-STAND FIBER OPTIC COMMUNICATION CABLE IN THE TERMINAL BLOCK OF TRAFFIC SIGNAL CONTROLLERS AND ELECTRICAL CABINET UNDER DDOT SUPERVISION.
4. THE CONTRACTOR SHALL SCHEDULE WORK TO MINIMIZE DISRUPTION TO THE COMMUNICATION NETWORK. PROPOSED CABLE SHALL BE INSTALLED AND CONNECTED IMMEDIATELY AFTER EXISTING CABLE IS DISCONNECTED.
5. INSTALLATION DIMENSIONS SHOWN ARE APPROXIMATE. MODIFICATIONS SHALL BE MADE AS REQUIRED UNDER APPROVAL FROM THE ENGINEER.

NOTES:

1. THE CONTRACTOR SHALL INSTALL PROPOSED UNDERGROUND 12-STRANDFIBER OPTIC COMMUNICATION CABLE ALONG MALCOLM X AVENUE BETWEEN THE PROPOSED CONTROLLERS LOCATED AT SOUTH CAPITOL STREET (WEST, TC1) AND SOUTH CAPITOL STREET (EAST, TC2).

LEGEND:

- TC — EXISTING TRAFFIC SIGNAL CONTROLLER
- TC — PROPOSED TYPE 2070 TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET WITH UPS SYSTEM
- EXISTING DDOT MANHOLE (4'X4'X4')
- PROPOSED DDOT MANHOLE (4'X4'X4')
- PB — EXISTING DDOT ELECTRICAL PULL BOX
- 1-12 STRAND FIBER OPTIMIC COMMUNICATION CABLE
- P — PROPOSED UNDERGROUND COMMUNICATION CABLES TO BE INSTALLED

3/30/2026
pCM-P004.dgn

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA — CHARLOTTE SHOWALTER — NO. PE904706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

S.L.F. NO.

APPROVED BY _____ DATE

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE, LABORATORY ROAD, RAMP 26 AND RAMP 27, S.W.
PROPOSED COMMUNICATION CABLE PLAN

RECOMMENDED
TRAFFIC SIGNAL PROJECT ENGINEER — DATE

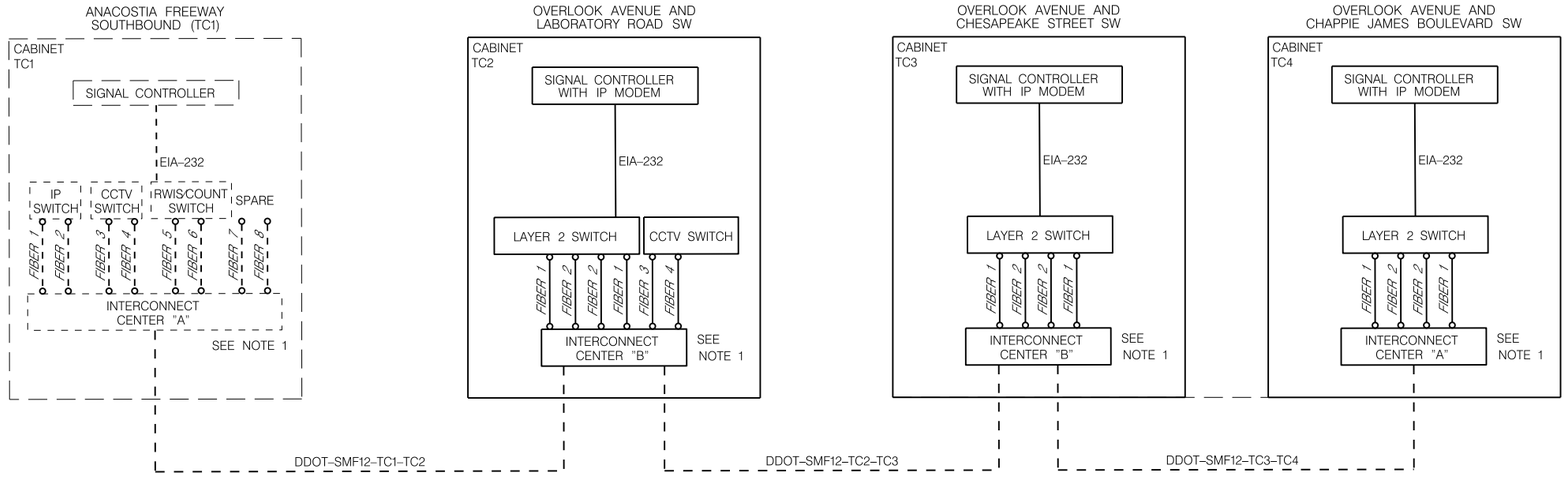
TRAFFIC SIGNAL MAINTENANCE MANAGER — DATE

APPROVED
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER — DATE

	SG–21
	FINAL
FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	
SCALE	1" = 20'
SHEET / OF	5 / 8
DRAWING NO.	

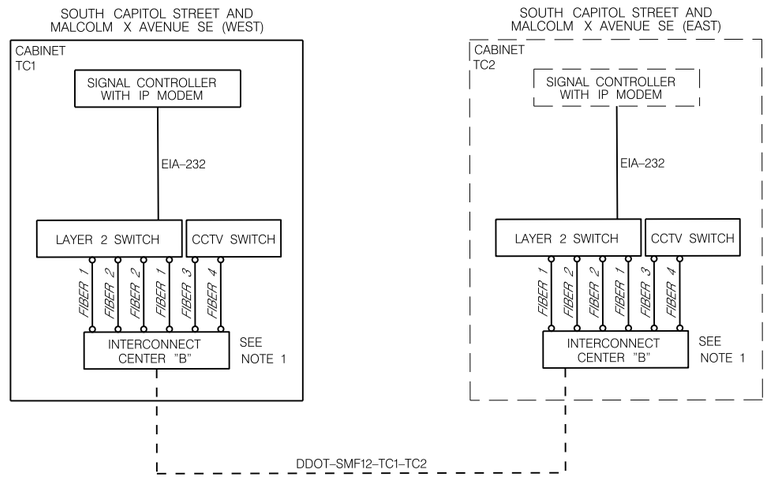
REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	489	576



LEGEND:

- PROPOSED FIBER CABLE
- PROPOSED EQUIPMENT /CABINET
- PROPOSED JUMPERS
- EXISTING EQUPMENT /CABINET



NOTES:

1. ALL FIBER STRANDS SHALL BE SPLICED TO PIGTAILS OF SAME COLOR. ALL PIGTAILS SHALL BE TERMINATED WITHIN THE INTERCONNECT CENTER. ALL EQUIPMENT SHALL BE DIN RAIL MOUNTED INSIDE THE CABINET.
2. NO DEVICE SERVICE; IT IS A CONTROLLER WITH IP MODEM.
3. ON AGGREGATOR, THREE 684D ACTELIS OR APPROVED EQUAL.

3/30/2026
pCM-P005.dgn

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA · DARRYL O. SMOOT · NO. PE904[illegible] · 3-31-2026 · REGISTERED PROFESSIONAL ENGINEER

S.L.F. NO. _____

APPROVED BY _____ DATE _____

SG–22

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

SOUTH CAPITOL STREET, MACDILL BOULEVARD AND MALCOLM X AVENUE
FIBER OPTIC COMMUNICATION CABLE LOGICAL ROUTING

RECOMMENDED _____ TRAFFIC SIGNAL PROJECT ENGINEER _____ DATE

_____ TRAFFIC SIGNAL MAINTENANCE MANAGER _____ DATE

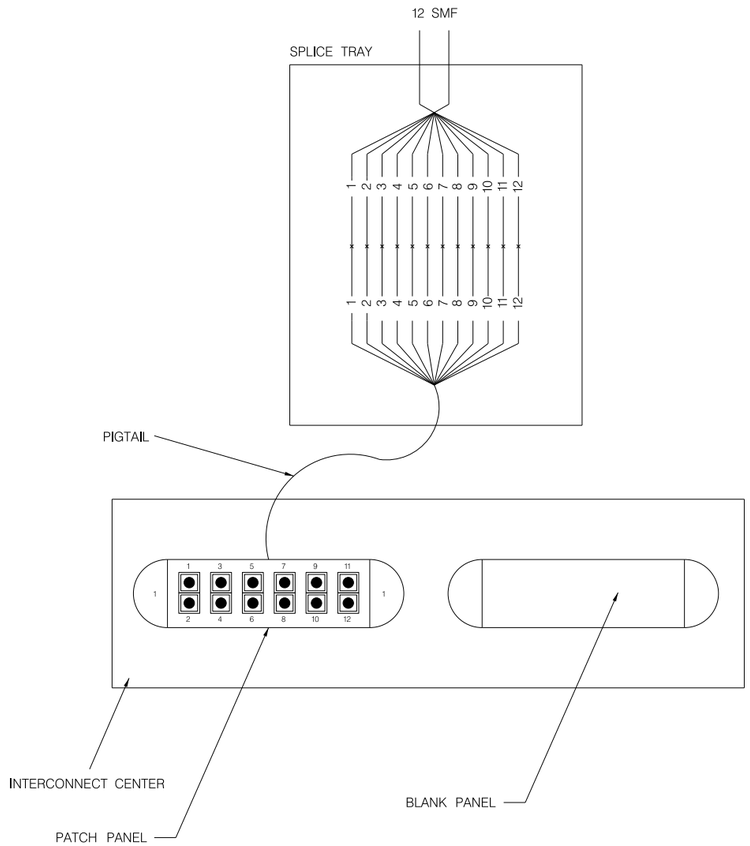
APPROVED _____ TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER _____ DATE

FINAL	
FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	09 /2024
SCALE	1" = 20'
SHEET / OF	6 / 8
DRAWING NO.	

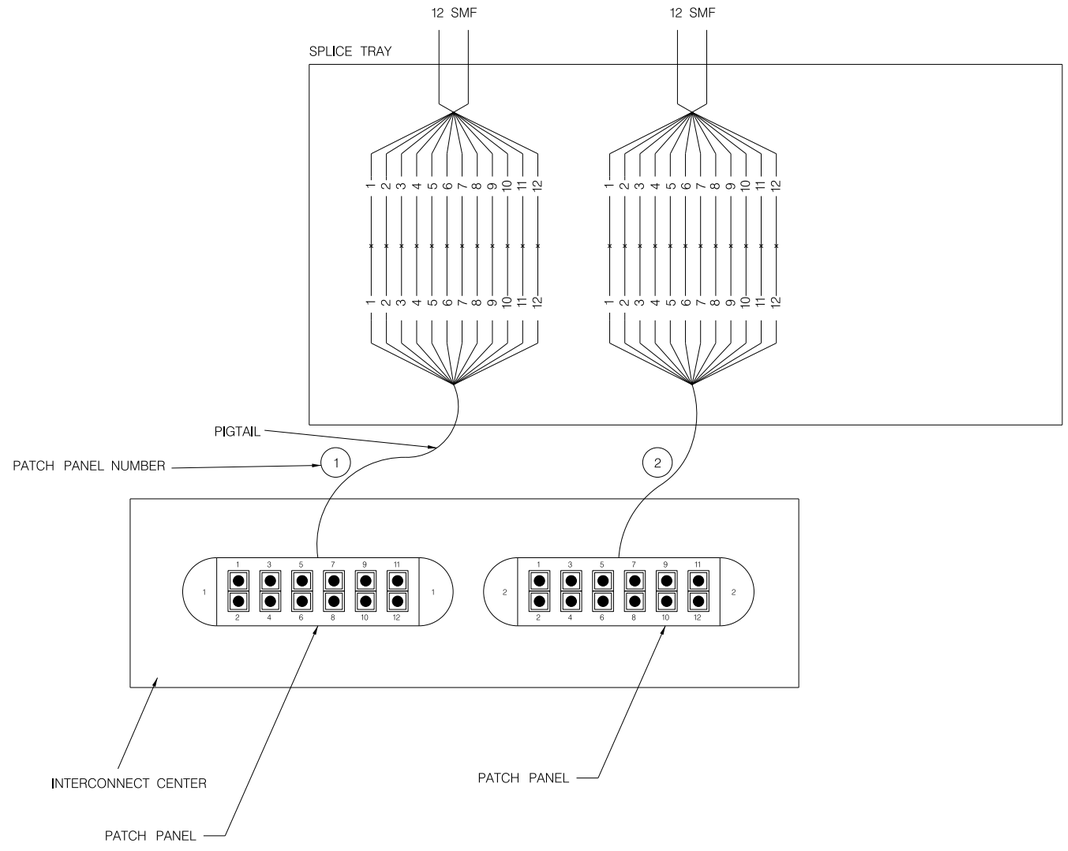
REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	490	576

INTERCONNECT CENTER DETAIL A (TYPICAL)



INTERCONNECT CENTER DETAIL B (TYPICAL)



NOTE:

ALL FIBER STRANDS SHALL BE SPLICED TO PIGTAILS OF THE SAME COLOR.
ALL PIGTAILS SHALL BE TERMINATED WITHIN THE INTERCONNECT CENTER.
ALL EQUIPMENT SHALL BE DIN RAIL MOUNTED INSIDE THE CABINET.

NOTE:

ONLY TERMINATE FIBERS BEING USED
AS CALLED OUT IN THE PLANS AND DETAILS.
DO NOT CUT UNUSED FIBERS.

DISTRICT OF COLUMBIA
DARLON D. SIMONS
NO. PE901705
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m· TOOLE DESIGN

S.L.F. NO.

APPROVED BY _____ DATE

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

SOUTH CAPITOL STREET, MACDILL BOULEVARD
AND MALCOLM X AVENUE
FIBER OPTIC COMMUNICATION CABLE DETAILS

RECOMMENDED
TRAFFIC SIGNAL PROJECT ENGINEER _____ DATE

TRAFFIC SIGNAL MAINTENANCE MANAGER _____ DATE

APPROVED
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER _____ DATE

SG-23	
FINAL	
FIELD CHECKED BY	KN/MDS
DESIGNED BY	KN
DRAWN BY	KN
REVIEWED BY	MDS
DATE	09 /2024
SCALE	1" = 20'
SHEET / OF	7 / 8
DRAWING NO.	

3/30/2026
pCM-P006.dgn

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	1501(044)	491	576

SOUTH CAPITOL STREET TRAIL PROJECT FIBER OPTIC EQUIPMENT

LOCATION	614993 LAYER 2 SWITCH - ACTELIS MODEL 684D	613138 FIBER OPTIC EXTERNAL TRANSCEIVER - ACTELIS MODEL 506R61187	613124 FIBER OPTIC CLOSURE - BELDEN MIPP	613132 FIBER OPTIC PATCH CORD - SINGLE-MODE FIBER OPTIC CABLE, LC/LC, 9/125 TYPE, DUPLEX, YELLOW, 1 METER	613122 FIBER OPTIC PIG TAIL - FIBER INSTRUMENT SALES, 12 FIBER 900UM PIGTAILS, SM, LC/UPC, BLUE BOOTS, 3 METERS, SP12LCUPCBU
OVERLOOK AVENUE AND LABORATORY ROAD, S.W. - ACISA 4170	2	4	1	4	1
OVERLOOK AVENUE AND CHESAPEAKE STREET, S.W. - ACISA 4169	1	2	2	2	2
OVERLOOK AVENUE AND CHAPPIE JAMES BOULEVARD, S.W. - ACISA 4001	1	2	1	2	1
OVERLOOK AVENUE AND MALCOLM X AVENUE (WEST), S.E. - ACISA 4286	1	2	1	2	1
OVERLOOK AVENUE AND MALCOLM X AVENUE (EAST), S.E. - ACISA 4249	1	2	1	2	1

3/30/2026
pCM-P007.dgn

ch2m· TOOLE DESIGN

DISTRICT OF COLUMBIA
MARLON G. SNOWDEN
NO. PE904705
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

S.L.F. NO. _____

APPROVED BY _____ DATE _____

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION

OVERLOOK AVENUE, LABORATORY ROAD, CHESAPEAKE STREET, AND CHAPPIE JAMES BOULEVARD (SW), AND MALCOLM X AVENUE (SE)
FIBER OPTIC EQUIPMENT SUMMARY

RECOMMENDED _____ DATE
TRAFFIC SIGNAL PROJECT ENGINEER

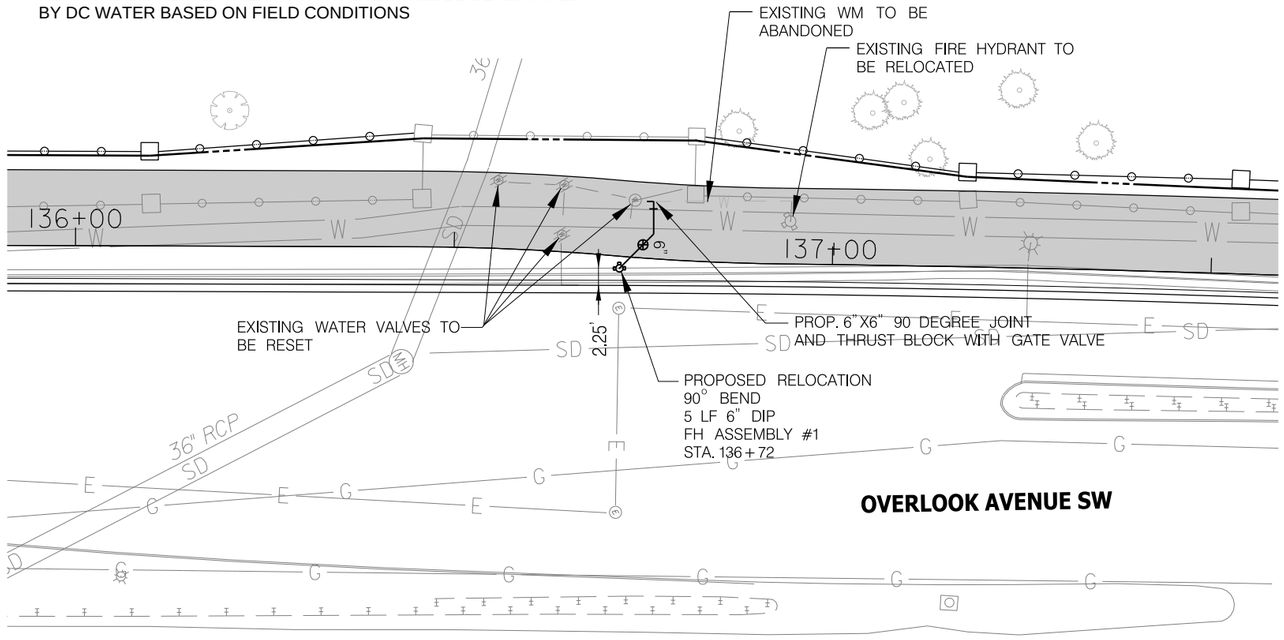
_____ DATE
TRAFFIC SIGNAL MAINTENANCE MANAGER

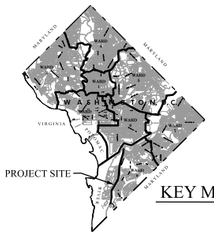
APPROVED _____ DATE
TRAFFIC ENGINEERING BRANCH /PROGRAM MANAGER

SG–24
FINAL
FIELD CHECKED BY KN/MDS
DESIGNED BY KN
DRAWN BY KN
REVIEWED BY MDS
DATE 09 /2024
SCALE 1" = 20'
SHEET 8 OF 8
DRAWING NO.

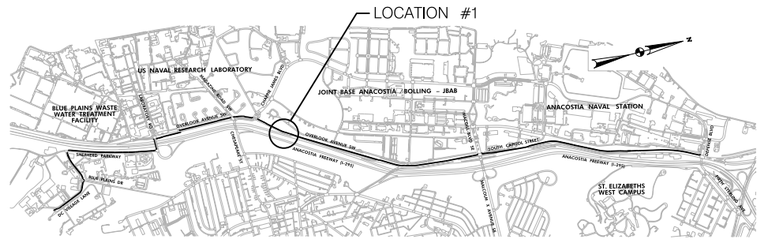
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	492	576

REMOVAL OR REUSE OF EXISTING VALVES WILL BE DETERMINED BY DC WATER BASED ON FIELD CONDITIONS





KEY MAP



VICINITY MAP

WT–1

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DC WATER
FIRE HYDRANT RELOCATION PLAN

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 492 OF 576

NO	DESCRIPTION	NAME	DATE

REVISIONS

ch2m·

10′ 0 10′ 20′
SCALE: 1"=10′

DISTRICT OF COLUMBIA
GARRION D. SNOKES
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

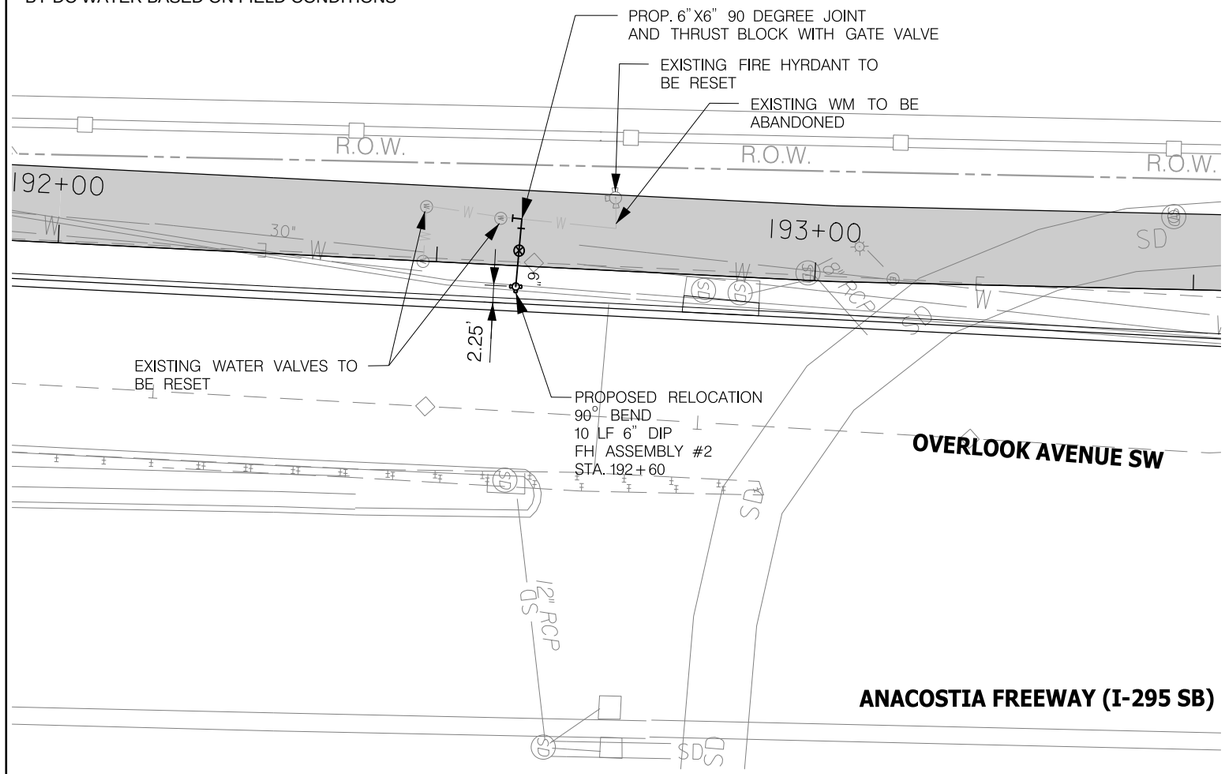
pFH-P019_SCSTrail.dgn
2/24/2026

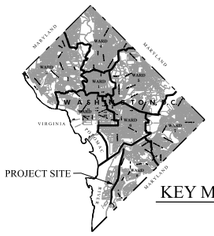
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	493	576

PAR 242 / 88
UNITED STATES OF AMERICA
(JBAB)
A&T PLAT 3581-C

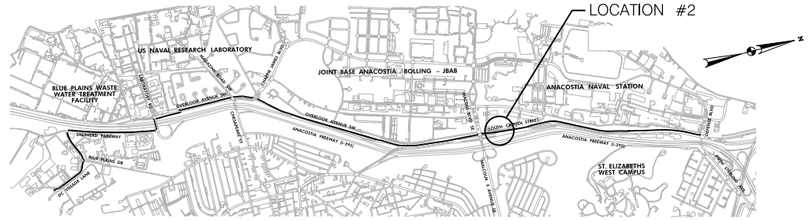
WESTOVER AVENUE, SW

REMOVAL OR REUSE OF EXISTING VALVES WILL BE DETERMINED BY DC WATER BASED ON FIELD CONDITIONS





KEY MAP



VICINITY MAP

pFH-P028_SCSTr-ali.dgn
2/24/2026

DISTRICT OF COLUMBIA
RAMON G. SMOAK
NO. PE014176
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

10' 0 10' 20'
SCALE: 1"=10'

ch2m.

NO.	DESCRIPTION	NAME	DATE

REVISIONS

WT-2

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DC WATER
FIRE HYDRANT RELOCATION PLAN

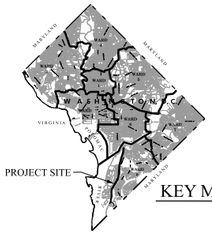
PROJECT ENG. BN
DESIGNED BY YLC
CHECKED BY MS
DRAWN BY GP
PROJECT MGR. MS

DIVISION CHIEF

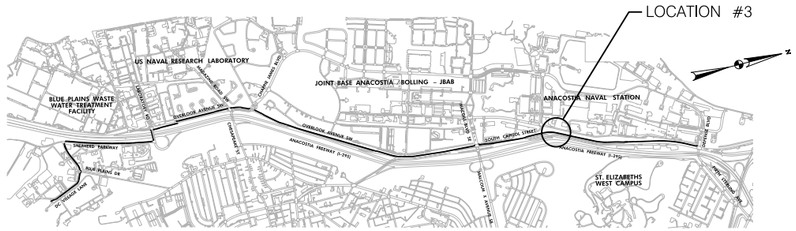
DATE
FILE

SHEET 493 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	494	576

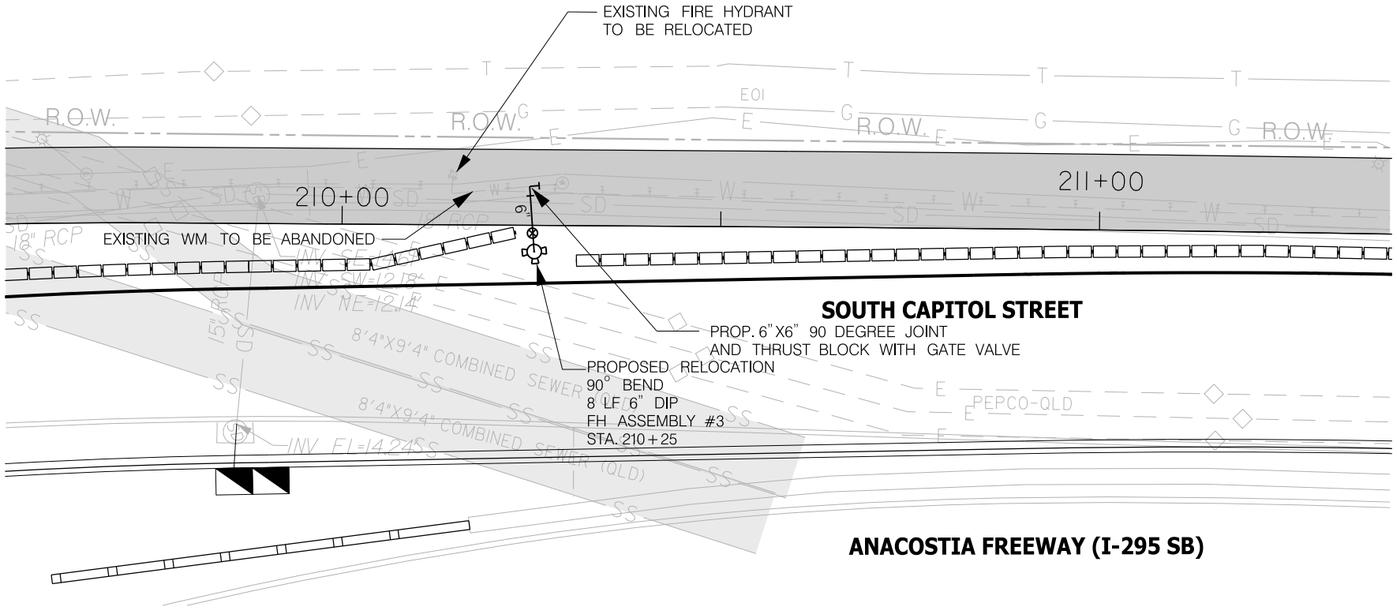


KEY MAP



VICINITY MAP

REMOVAL OR REUSE OF EXISTING VALVES WILL BE DETERMINED BY DC WATER BASED ON FIELD CONDITIONS



10′ 0 10′ 20′
SCALE: 1"=10′

WT-3

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

DC WATER
FIRE HYDRANT RELOCATION PLAN

PROJECT ENG.	BN
DESIGNED BY	YLC
CHECKED BY	MS
DRAWN BY	GP
PROJECT MGR.	MS

DIVISION CHIEF

DATE
FILE
SHEET 494 OF 576

NO.	DESCRIPTION	NAME	DATE

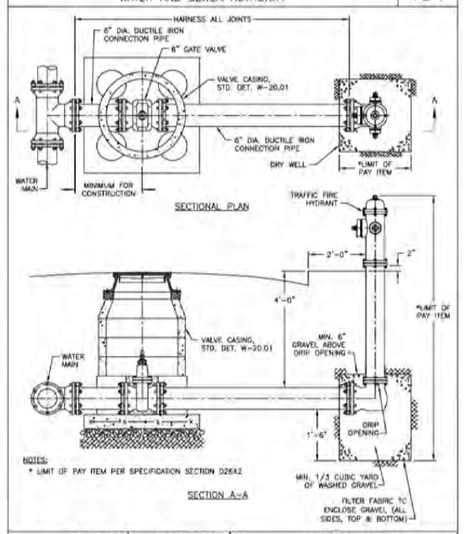
REVISIONS

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. 904476
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pFH-P03I_SCSTr-all.dgn
2/24/2026

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	495	576

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — W-50.01 1 OF 1



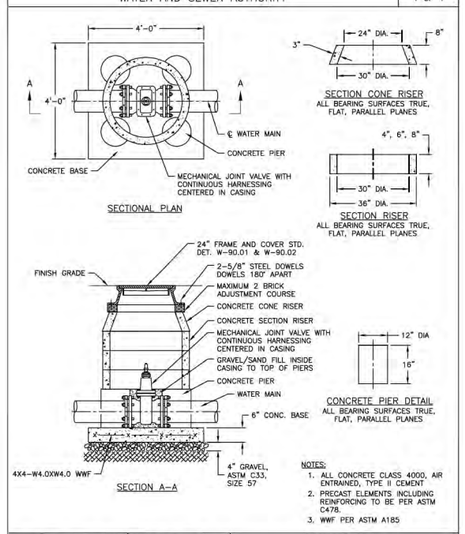
NOTES:
* LIMIT OF PAY ITEM PER SPECIFICATION SECTION 02642

APPROVED DATE: June 20, 2003
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES

REVISION NO.: 0
DATE: 6/20/03
PREPARED BY: OBO/BKJV
CHECKED BY: W.DARROW

STANDARD DETAIL
TRAFFIC FIRE HYDRANT INSTALLATION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — W-20.01 1 OF 1



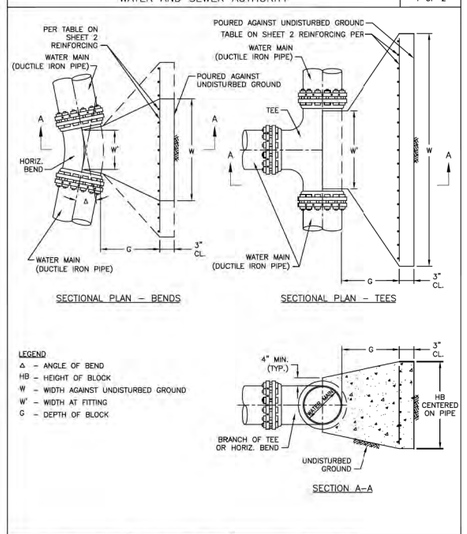
NOTES:
1. ALL CONCRETE CLASS 4000, AIR ENTRAINED, TYPE II CEMENT
2. PRECAST ELEMENTS INCLUDING REINFORCING TO BE PER ASTM C478.
3. WWF PER ASTM A185

APPROVED DATE: June 20, 2003
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES

REVISION NO.: 0
DATE: 6/20/03
PREPARED BY: OBO/BKJV
CHECKED BY: W.DARROW

STANDARD DETAIL
VALVE CASING
FOR 12" AND SMALLER GATE VALVE

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — W-40.01 1 OF 2



APPROVED DATE: June 20, 2003
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES

REVISION NO.: 0
DATE: 6/20/03
PREPARED BY: OBO/BKJV
CHECKED BY: W.DARROW

STANDARD DETAIL
CONCRETE THRUST BLOCK
FOR HORIZONTAL PIPE BEND & TEE
12" DIAMETER & SMALLER WATER MAINS

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — W-40.01 2 OF 2

BRANCH OF TEE OR PIPE DIA	BEND TYPE	W	HB	W'	G	REINF. (E.W.)
6"	11.25°	1'-6"	1'-6"	0'-8"	1'-0"	#4 @12"
	22.5°	1'-9"	1'-6"	0'-8"	1'-0"	#4 @12"
	45°	2'-8"	2'-0"	0'-8"	1'-0"	#4 @12"
	90°	4'-6"	2'-3"	0'-10"	1'-0"	#5 @12"
	TEE	3'-0"	3'-0"	0'-10"	1'-0"	#5 @12"
8"	11.25°	1'-6"	1'-6"	0'-8"	1'-0"	#4 @12"
	22.5°	1'-9"	1'-6"	0'-8"	1'-0"	#4 @12"
	45°	2'-8"	2'-0"	0'-8"	1'-0"	#4 @12"
	90°	5'-0"	3'-9"	1'-0"	1'-6"	#6 @12"
	TEE	4'-0"	3'-6"	1'-4"	1'-0"	#5 @12"
12"	11.25°	2'-6"	2'-6"	1'-0"	1'-0"	#4 @12"
	22.5°	3'-6"	2'-6"	1'-0"	1'-3"	#4 @12"
	45°	7'-0"	4'-6"	1'-4"	1'-6"	#6 @12"
	90°	10'-0"	4'-6"	1'-4"	1'-6"	#6 @12"
	TEE	8'-6"	5'-0"	1'-4"	1'-6"	#6 @12"

NOTES:
1. ALL CONCRETE TO BE CLASS 4000, AIR ENTRAINED, TYPE II CEMENT
2. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60
3. NOMINAL DEPTH OF COVER ON WATER MAIN IS FOUR FEET
4. UNIT WEIGHT OF SOIL, 120 PCF
5. DESIGN BASED ON ϕ = 30° AND TEST PRESSURE = 195 PSI
6. HB - HEIGHT OF BLOCK, W'-WIDTH AT FITTING AND W-WIDTH AGAINST UNDISTURBED GROUND SHOULD BE CENTERED ON PIPE AND FITTING.
7. FOR PIPE SIZE GREATER THAN 12", BLOCKS BEDDED IN SOILS WEAKER THAN ϕ =30°, OR FOR MAINS WITH A TEST PRESSURE GREATER THAN 195 PSI, THE THRUST BLOCK MUST BE SPECIFICALLY DESIGNED FOR EACH APPLICATION.

APPROVED DATE: June 20, 2003
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES

REVISION NO.: 0
DATE: 6/20/03
PREPARED BY: OBO/BKJV
CHECKED BY: W.DARROW

STANDARD DETAIL
CONCRETE THRUST BLOCK
FOR HORIZONTAL PIPE BEND & TEE
12" DIAMETER & SMALLER WATER MAINS

DISTRICT OF COLUMBIA
DARLENE K. SMOKES
NO. PE904766
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pFH-P032_SCSTrail.dgn
2/24/2026

ch2m·

NO	DESCRIPTION	NAME	DATE

REVISIONS

WT-4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

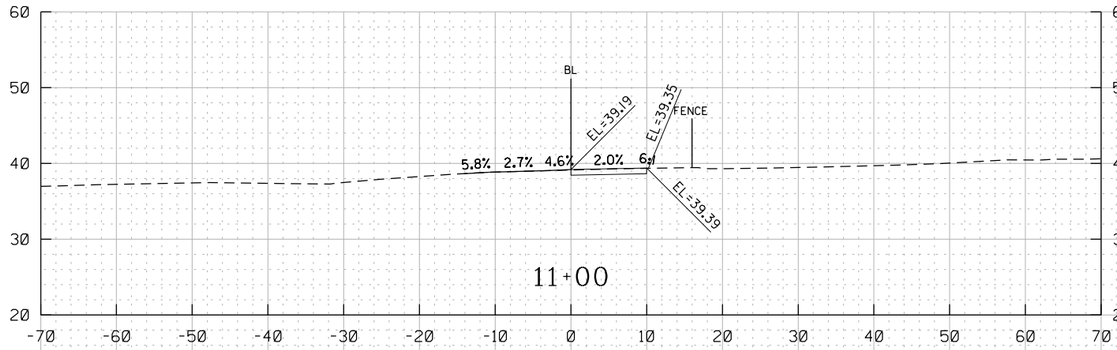
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

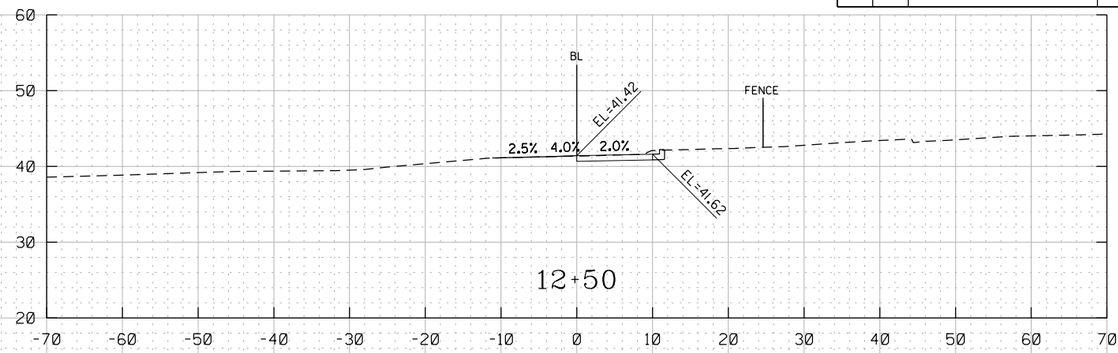
DC WATER
FIRE HYDRANT RELOCATION DETAILS

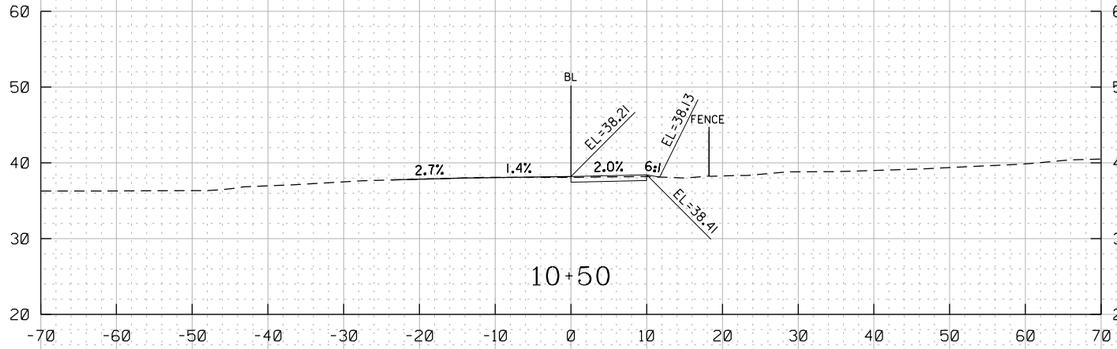
PROJECT ENG. BN
DESIGNED BY YLC
CHECKED BY MS
DRAWN BY GP
PROJECT MGR. MS

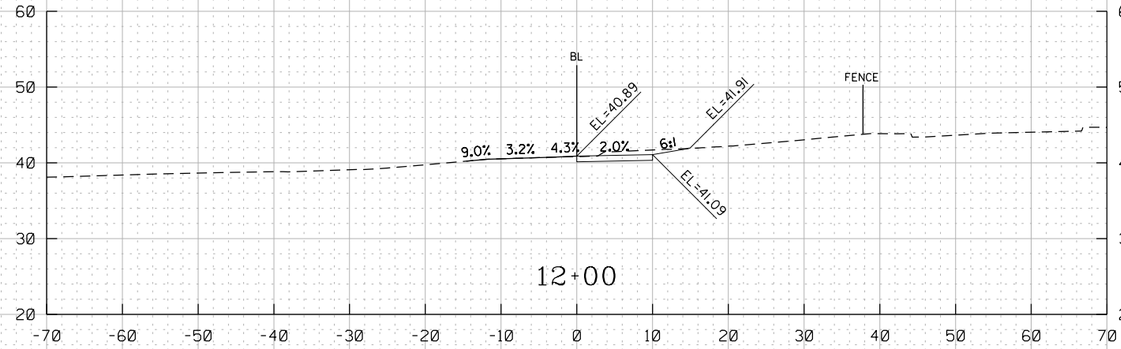
DIVISION CHIEF
DATE
FILE
SHEET 495 OF 576

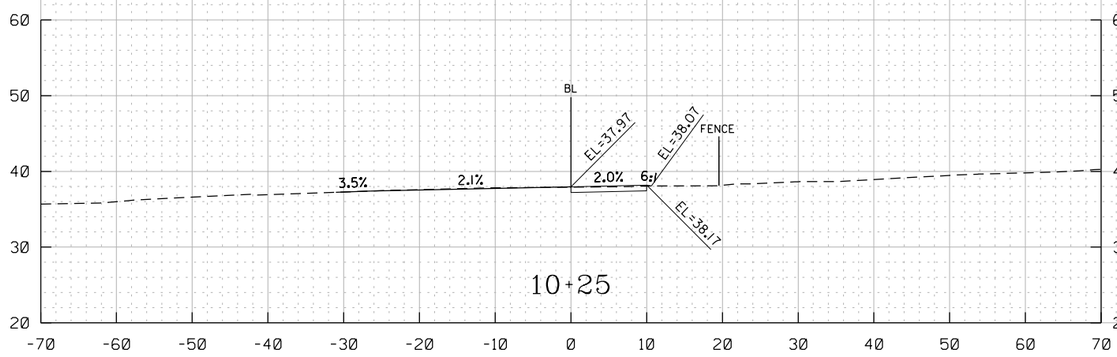
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	496	576

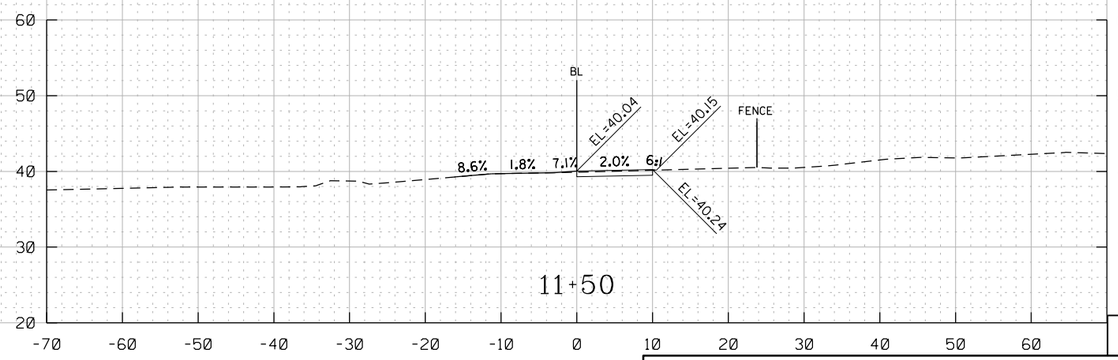












XS-1

pXS-P01_DCVillage.dgn
8/8/2025

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m
TOOLE
DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

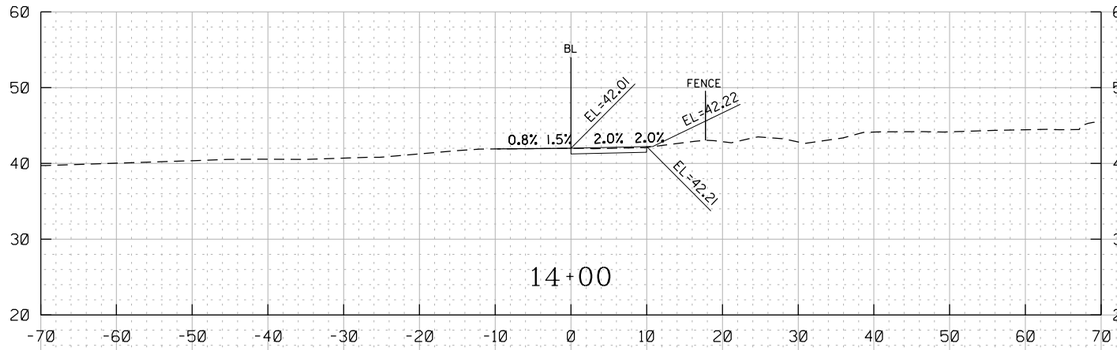
PROPOSED CROSS-SECTIONS
DC VILLAGE LANE
STA 10+25 TO STA 12+50

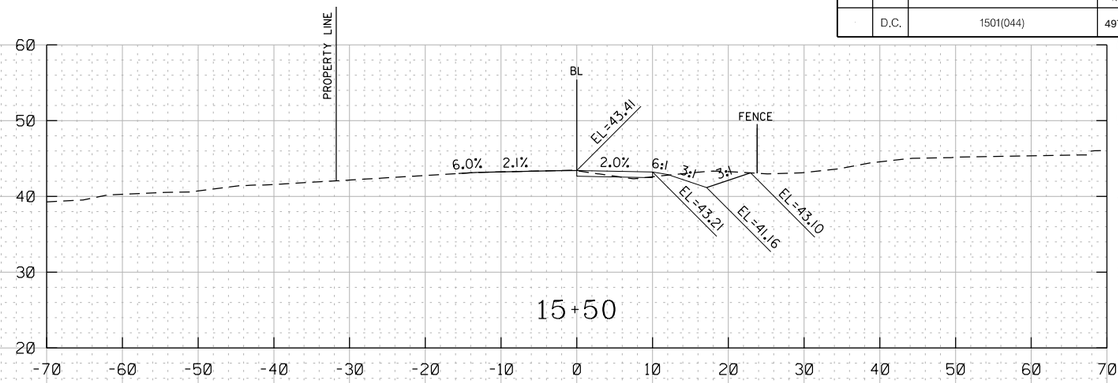
DIVISION CHIEF

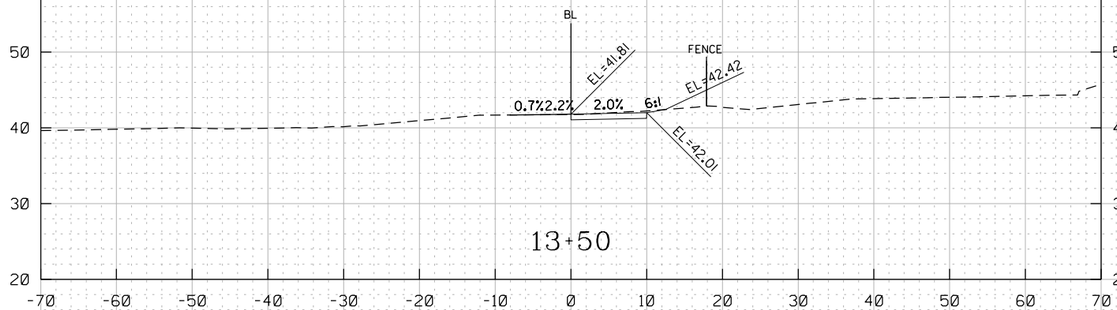
DATE
FILE

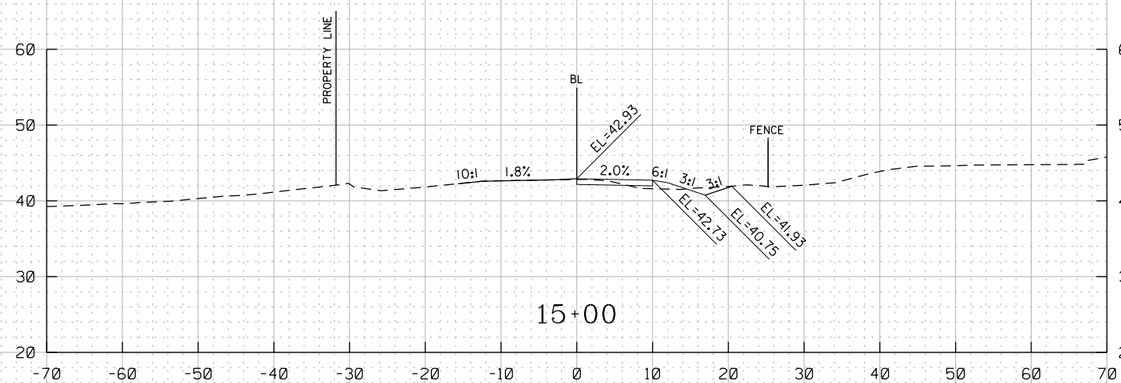
SHEET 496 OF 576

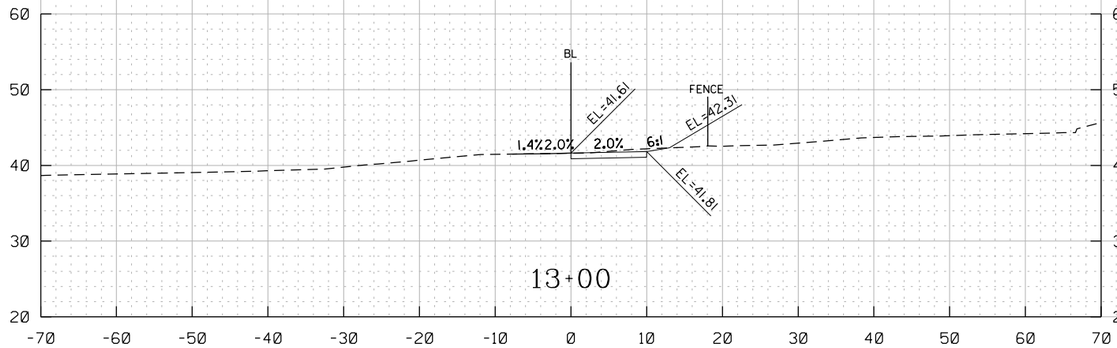
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	497	576

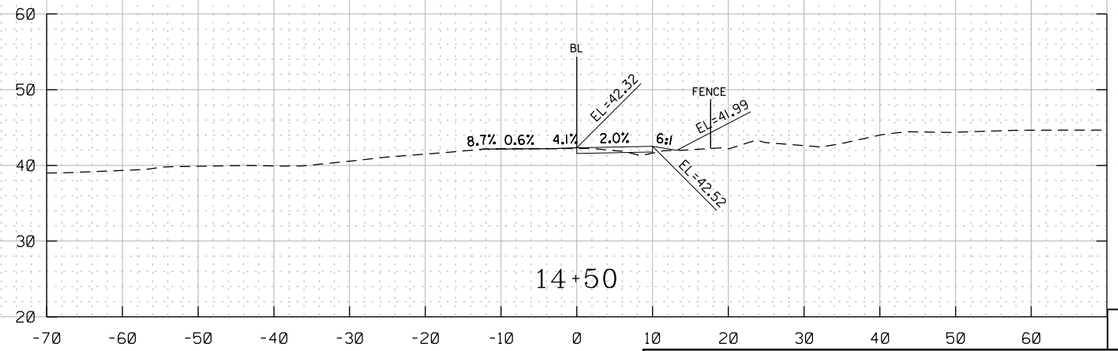












XS-2

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

PROPOSED CROSS-SECTIONS
DC VILLAGE LANE
STA 13+00 TO STA 15+50

DIVISION CHIEF

DATE
FILE
SHEET 497 OF 576

NO	DESCRIPTION	NAME	DATE

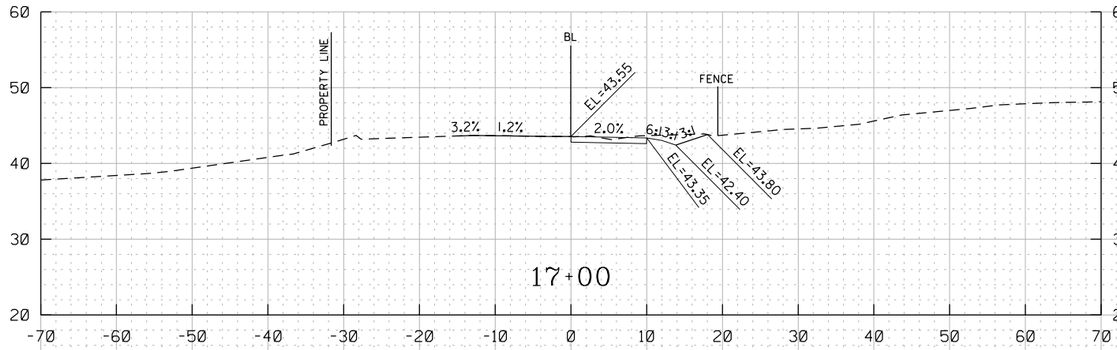
REVISIONS

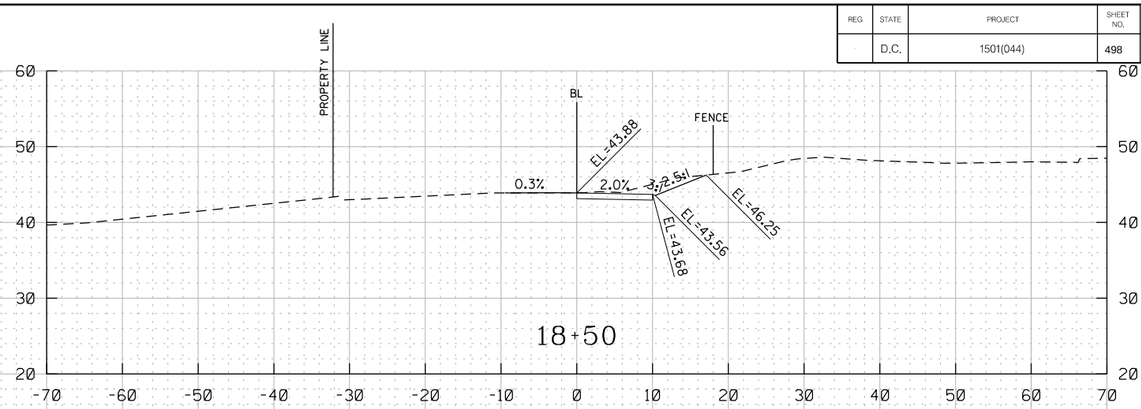
ch2m TOOLE DESIGN

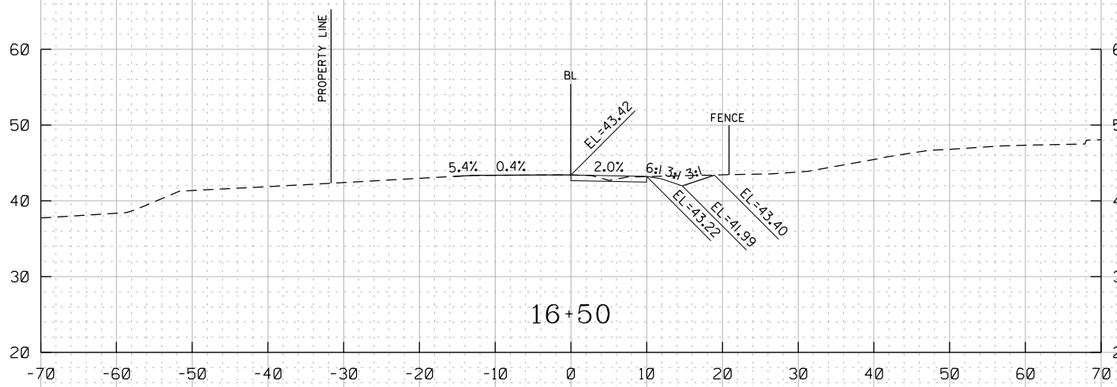
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

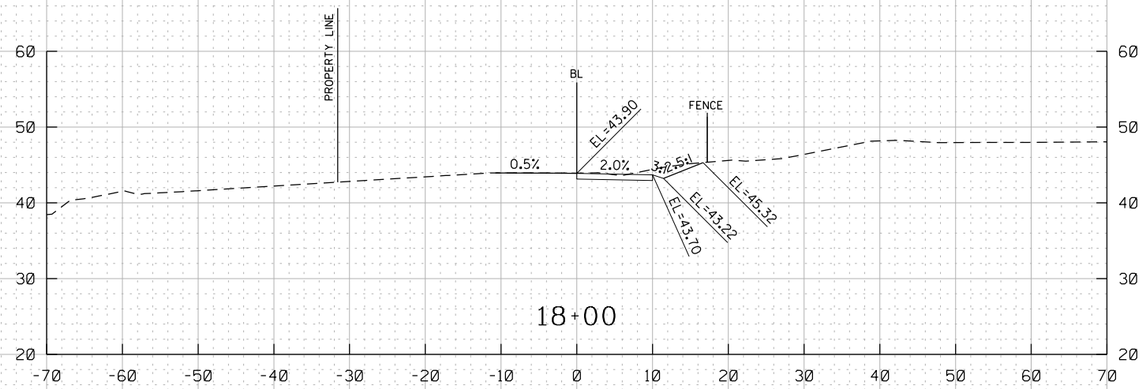
pXS-P01_DCVillage.dgn
8/8/2025

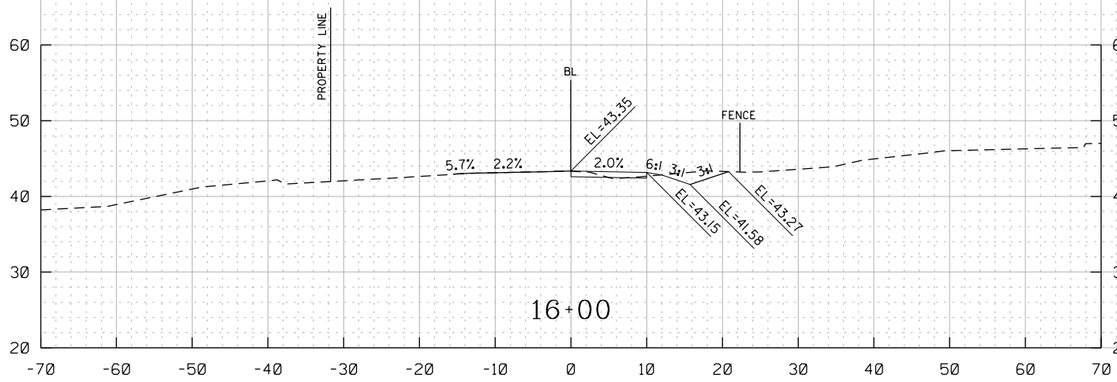
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	498	576

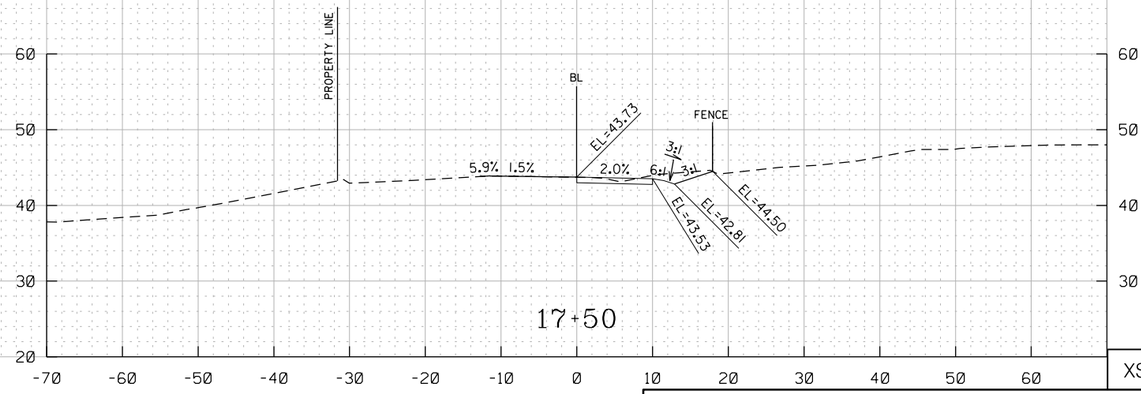












XS-3

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

PROPOSED CROSS-SECTIONS
DC VILLAGE LANE
STA 16+00 TO STA 18+50

DIVISION CHIEF

DATE

FILE

SHEET 498 OF 576

ch2m TOOLE DESIGN

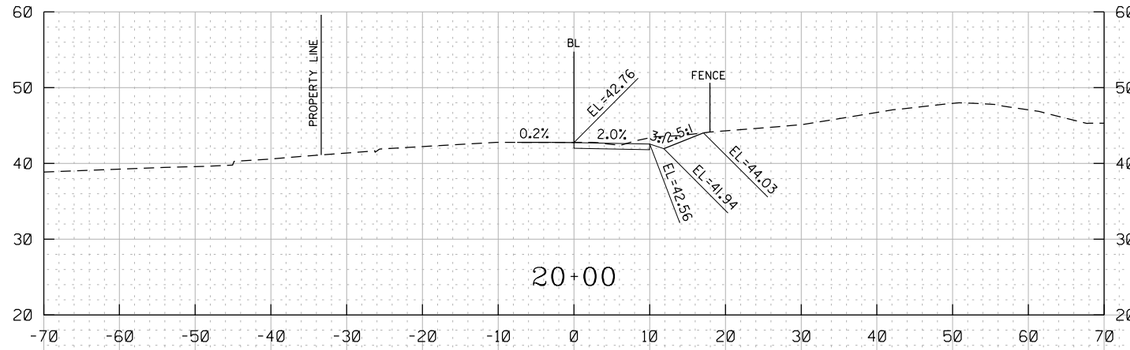
NO	DESCRIPTION	NAME	DATE

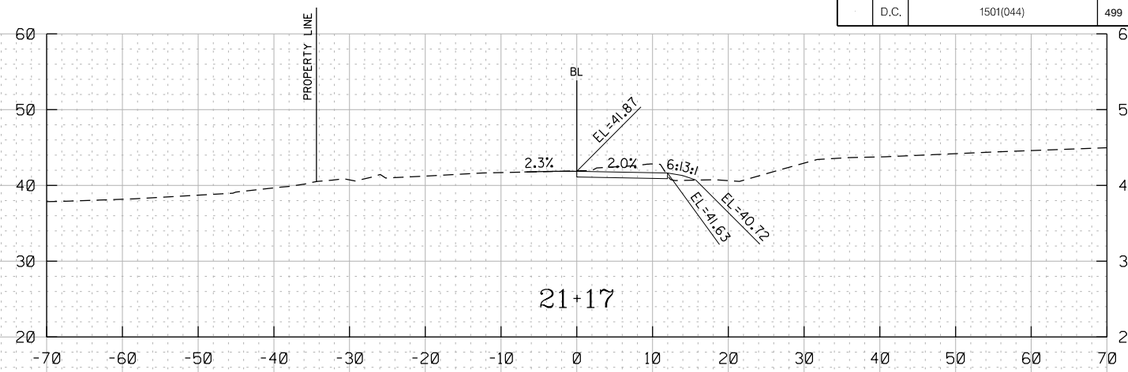
REVISIONS

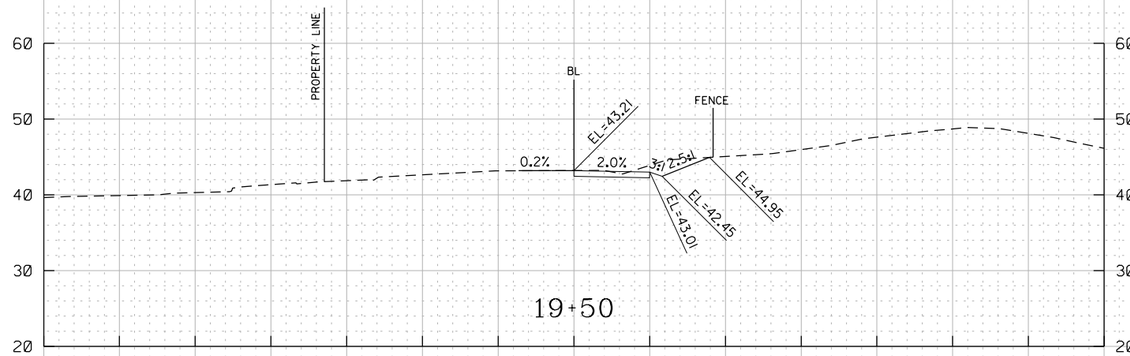
DISTRICT OF COLUMBIA
BRANDON D. SIMONS
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

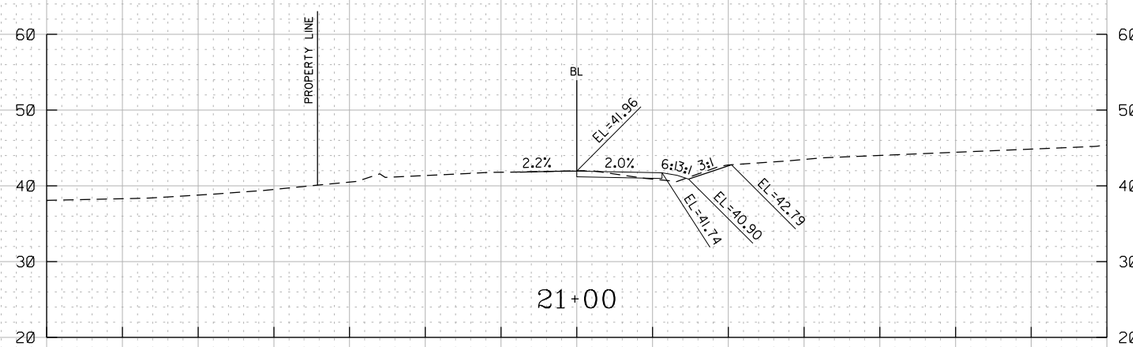
pXS-P01_DCVillage.dgn
8/8/2025

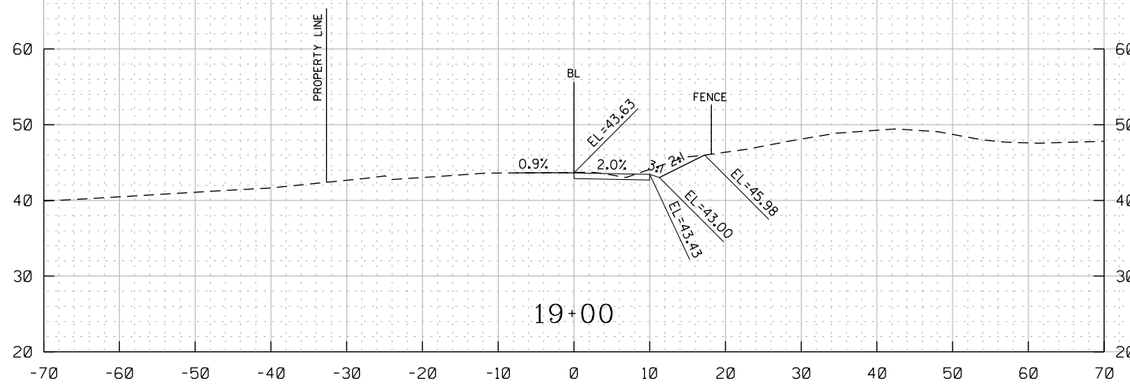
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	499	576

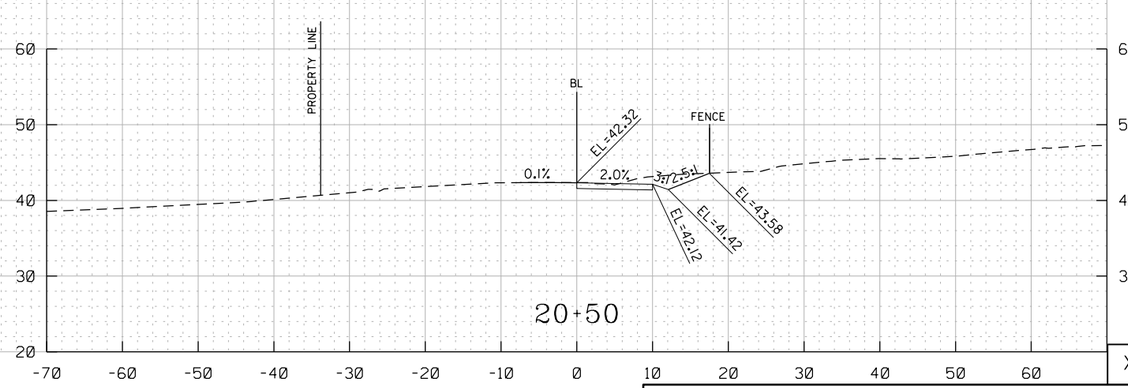












XS-4

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
DC VILLAGE LANE
STA 19+00 TO STA 21+17

DIVISION CHIEF

DATE

FILE

SHEET 499 OF 576

ch2m TOOLE DESIGN

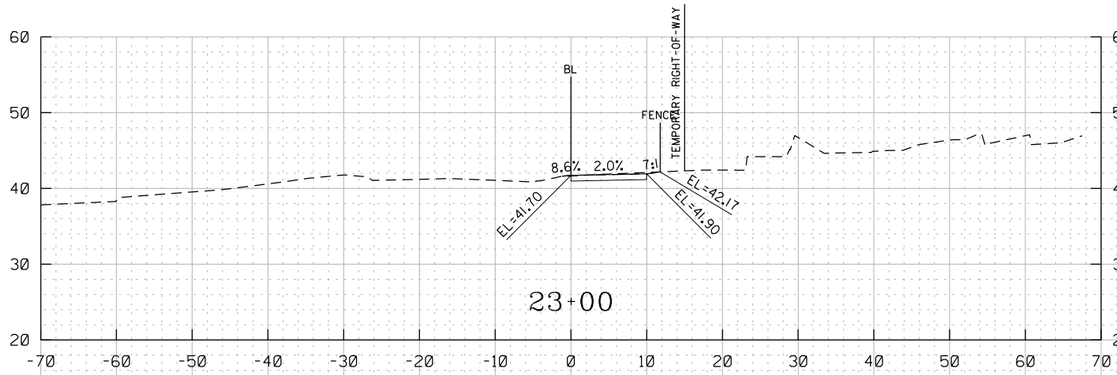
NO	DESCRIPTION	NAME	DATE

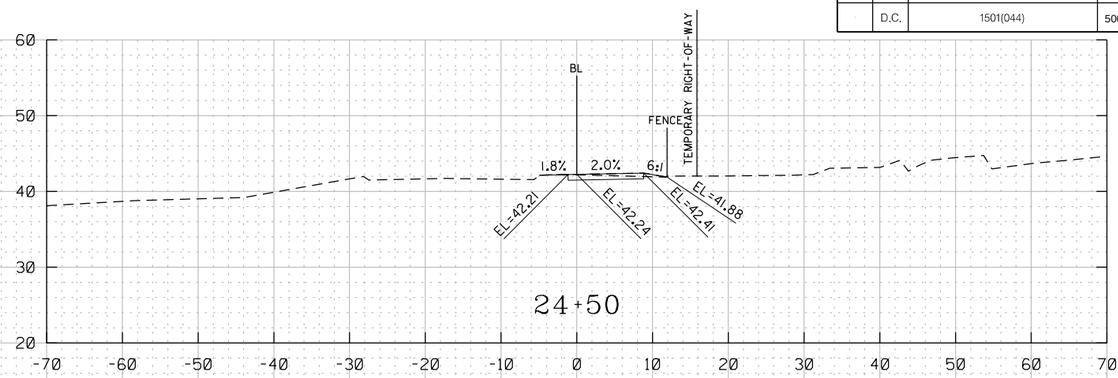
REVISIONS

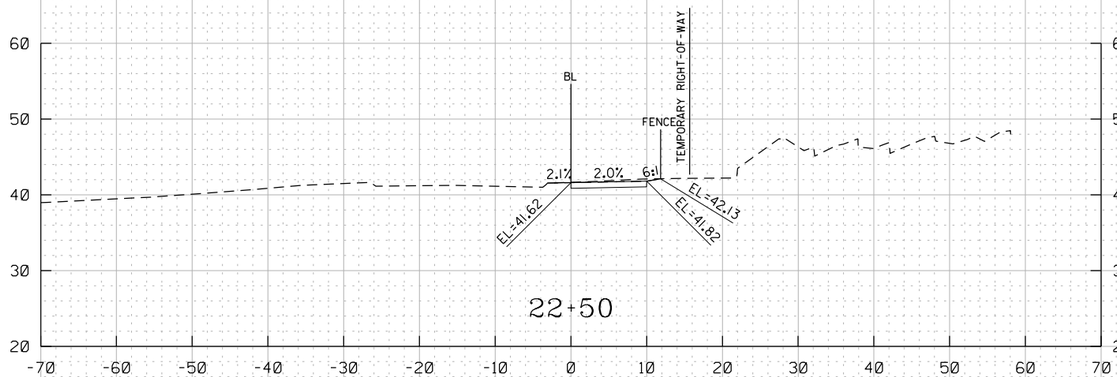
DISTRICT OF COLUMBIA
BRANDON D. SIMONS
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

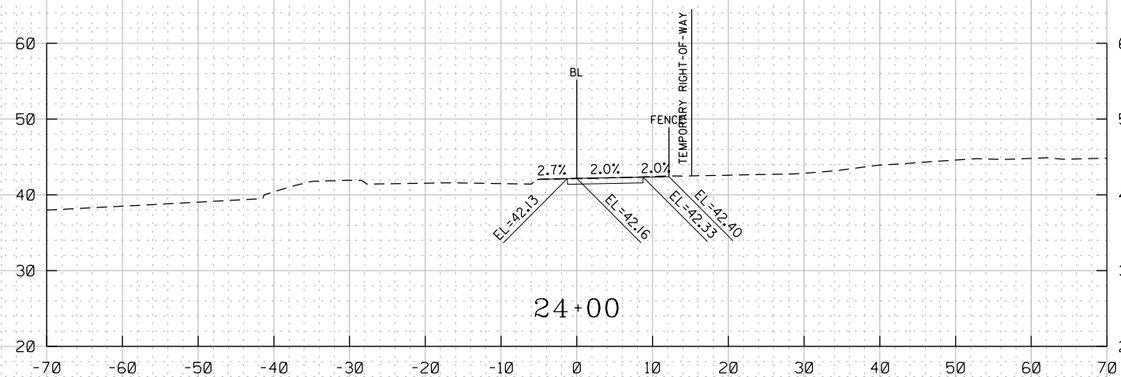
pXS-P01_DCVillage.dgn
8/8/2025

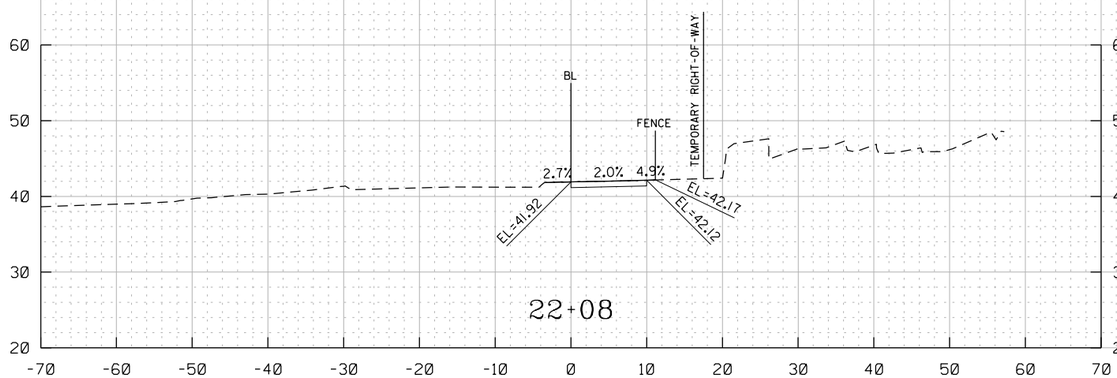
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	500	576

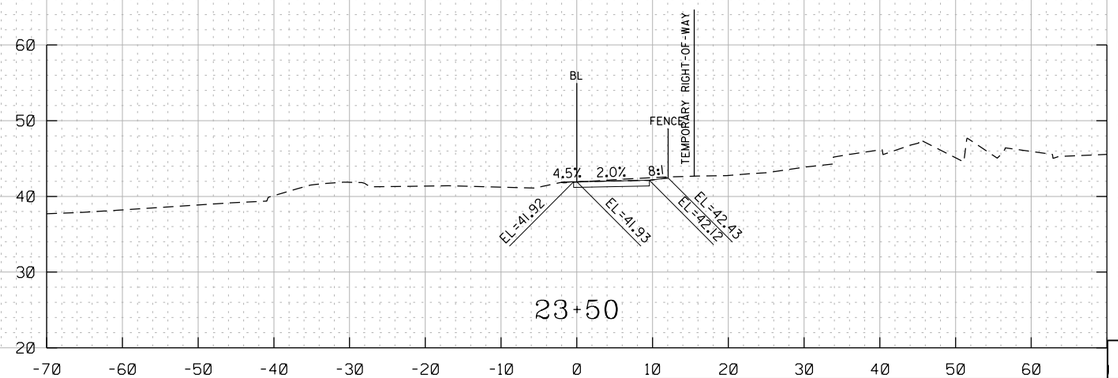












XS-5

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

PROPOSED CROSS-SECTIONS
BLUE PLAINS DRIVE
STA 22+08 TO STA 24+50

DIVISION CHIEF

DATE
FILE
SHEET 500 OF 576

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

NO	DESCRIPTION	NAME	DATE

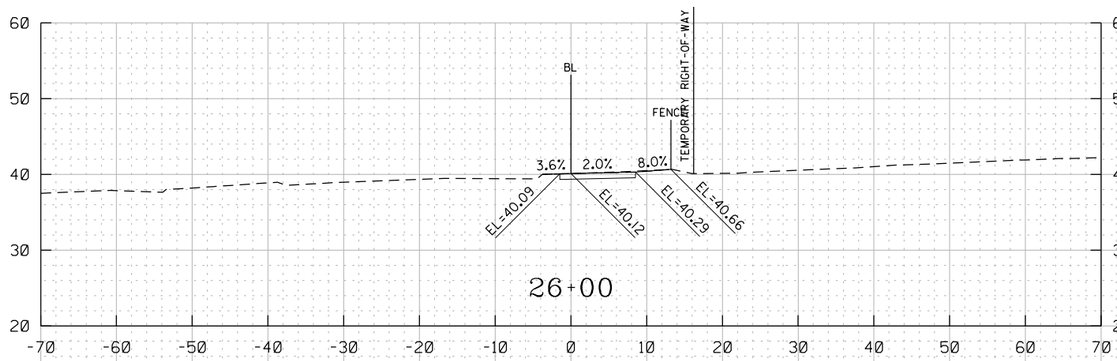
REVISIONS

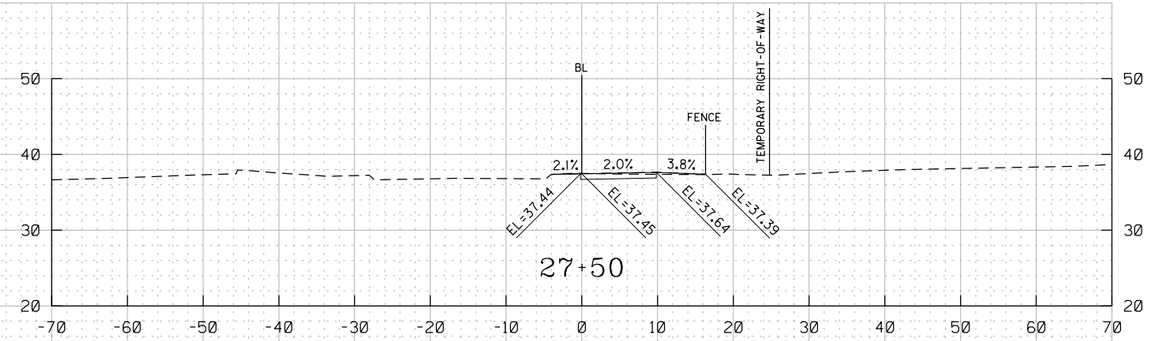
ch2m TOOLE DESIGN

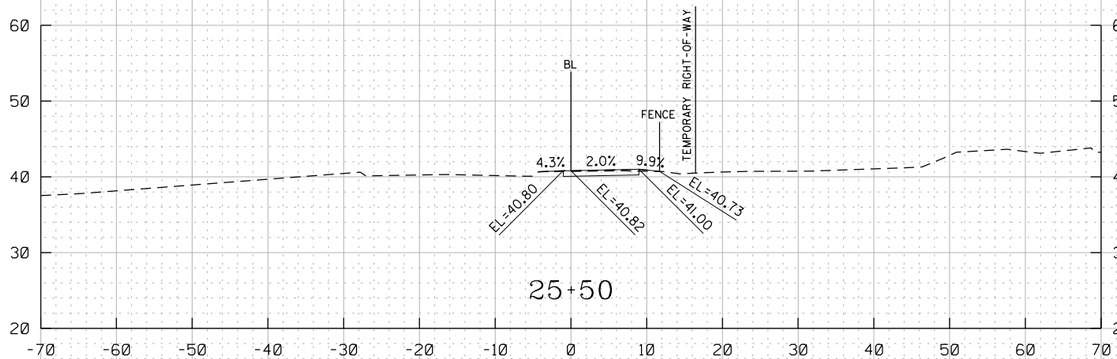
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

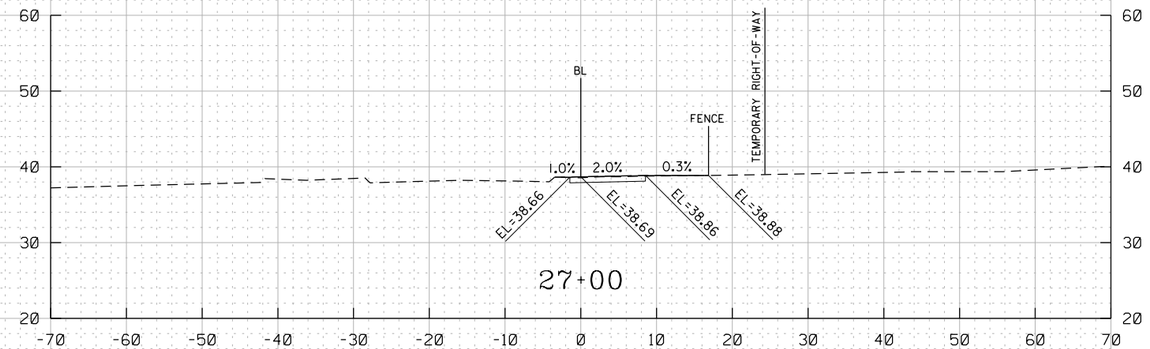
pXS-P02_BluePlains.dgn
8/8/2025

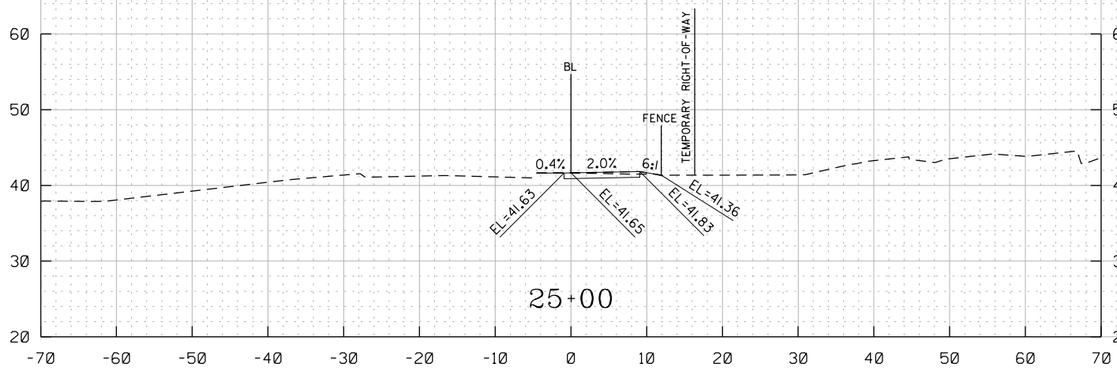
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	501	576

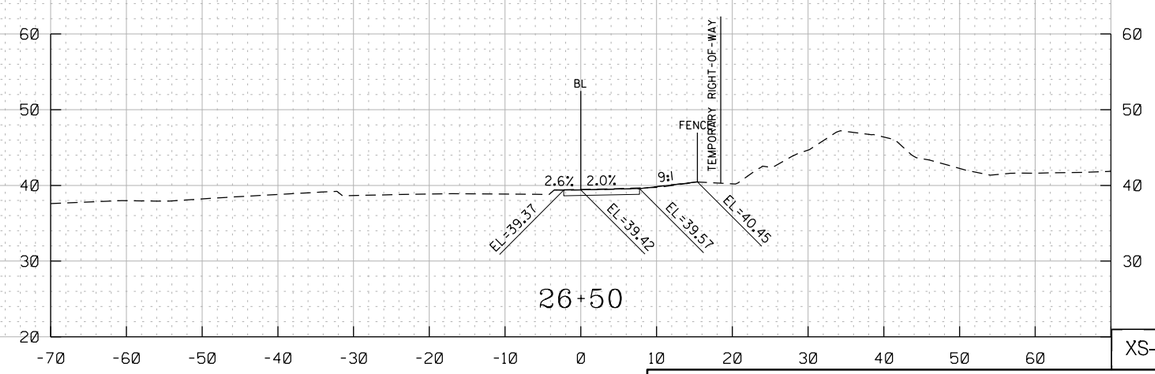












XS-6

pXS-P02_BluePlains.dgn
8/8/2025

DISTRICT OF COLUMBIA
RAMLON B. SINGLETON
NO. PE904780
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m
TOOLE
DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
BLUE PLAINS DRIVE
STA 25+00 TO STA 27+50

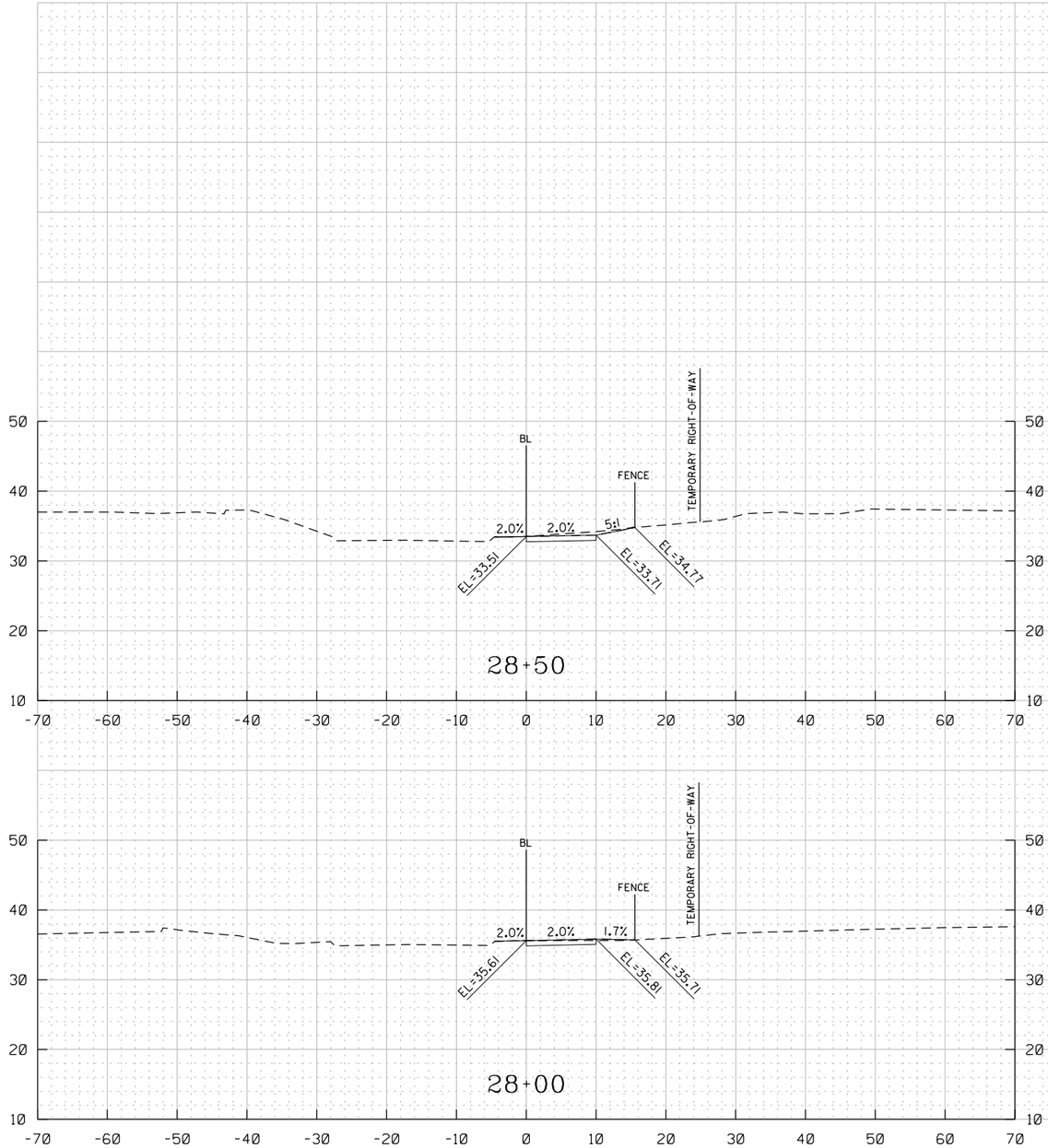
DIVISION CHIEF

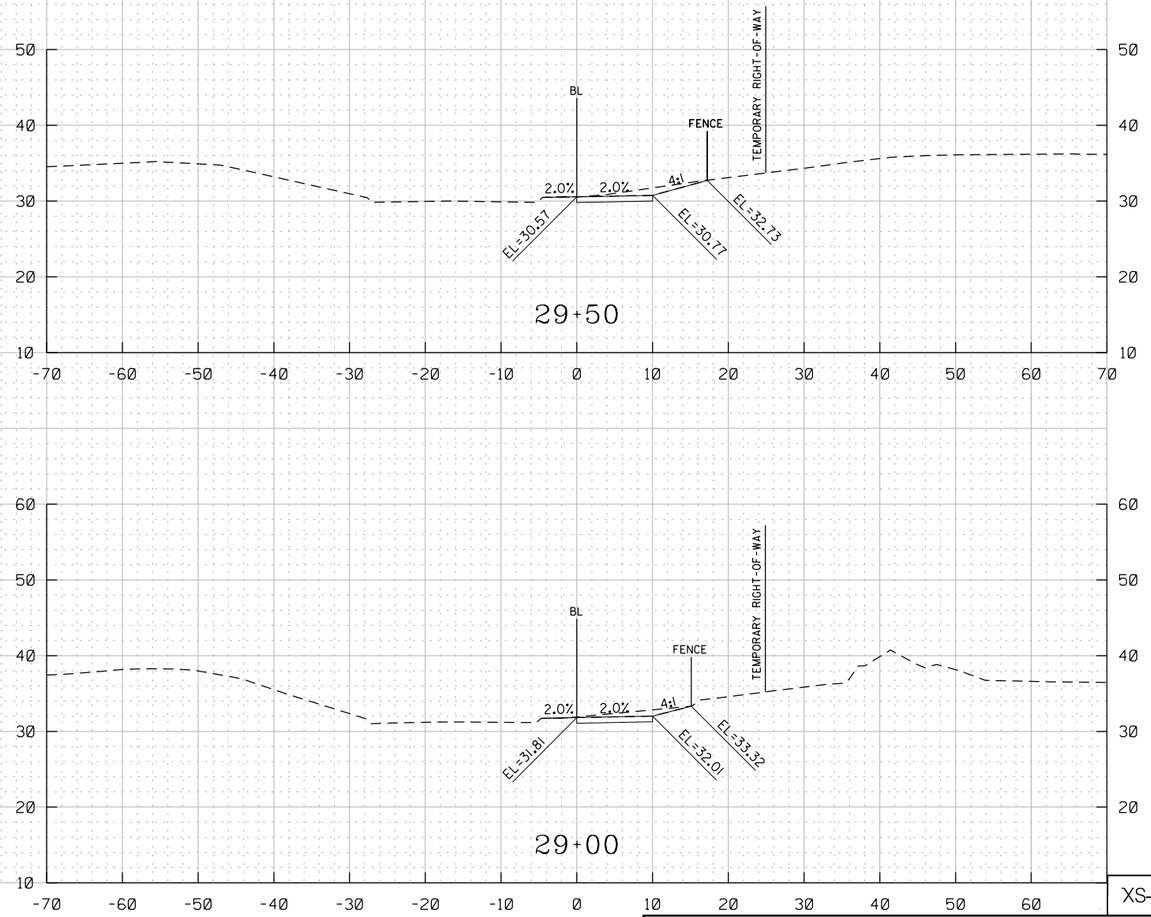
DATE

FILE

SHEET 501 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	502	576





XS-7

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

PROPOSED CROSS-SECTIONS
BLUE PLAINS DRIVE
STA 28+00 TO STA 29+50

DIVISION CHIEF

DATE
FILE
SHEET 502 OF 576

ch2m TOOLE DESIGN

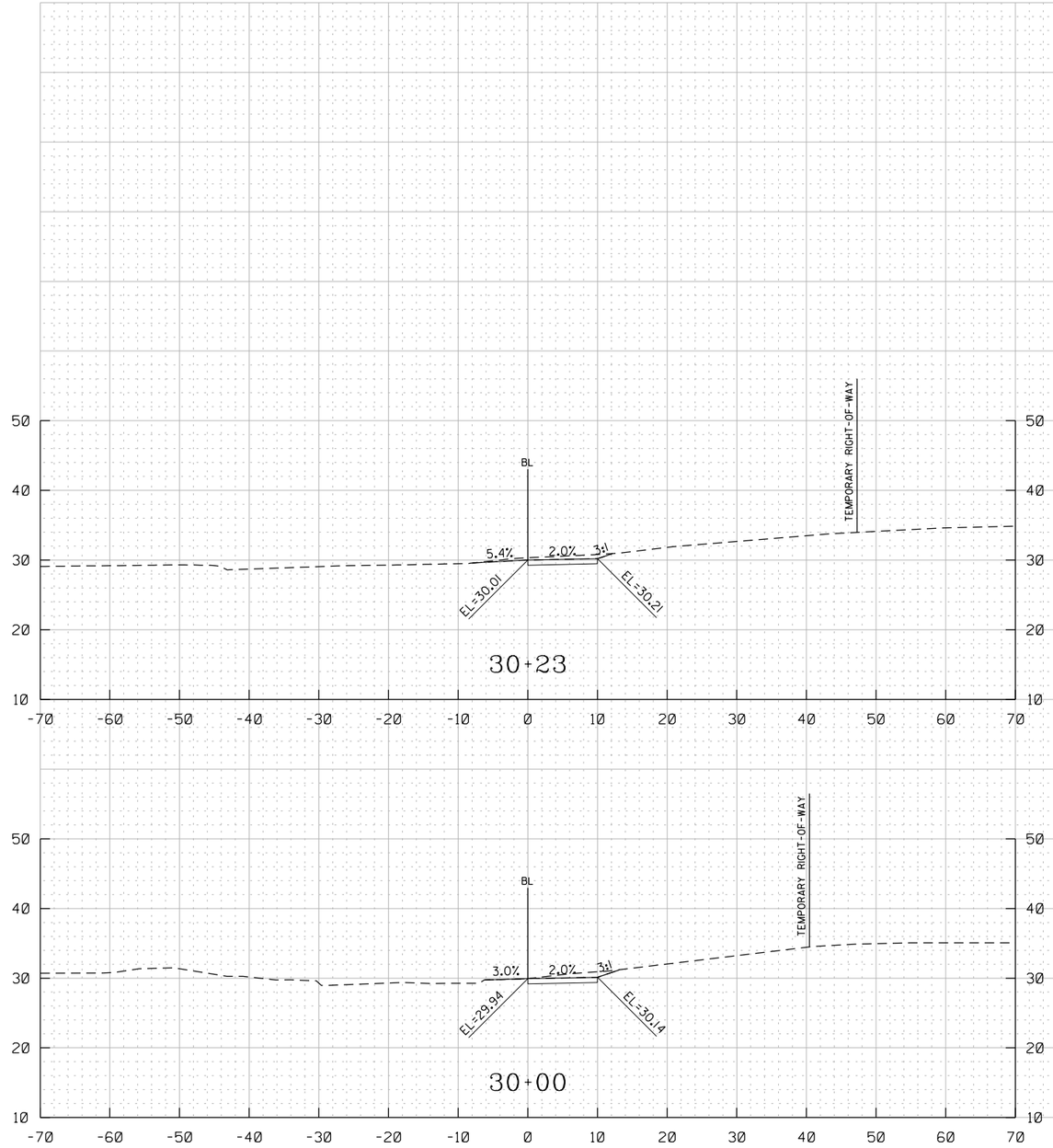
NO	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
RAMLON B. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P02_BluePlains.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	503	576



XS-8

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

PROPOSED CROSS-SECTIONS
BLUE PLAINS DRIVE
STA 30+00 TO STA 30+23

DIVISION CHIEF

DATE
FILE
SHEET 503 OF 576

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

NO	DESCRIPTION	NAME	DATE

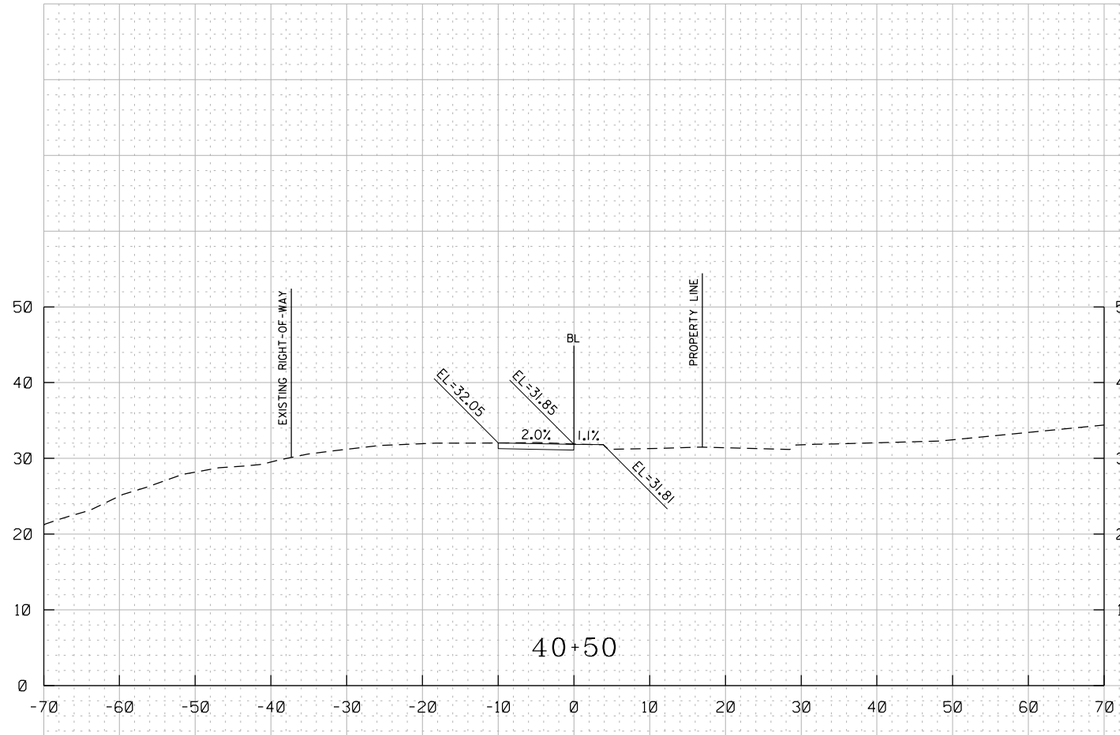
REVISIONS

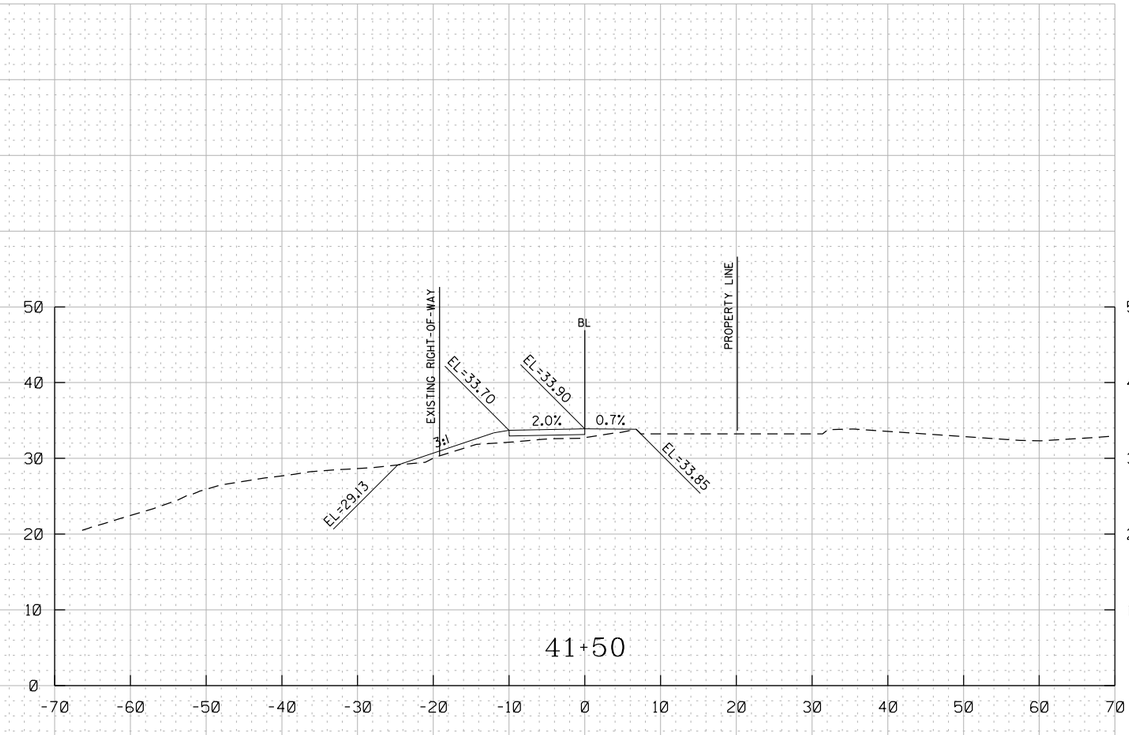
ch2m TOOLE DESIGN

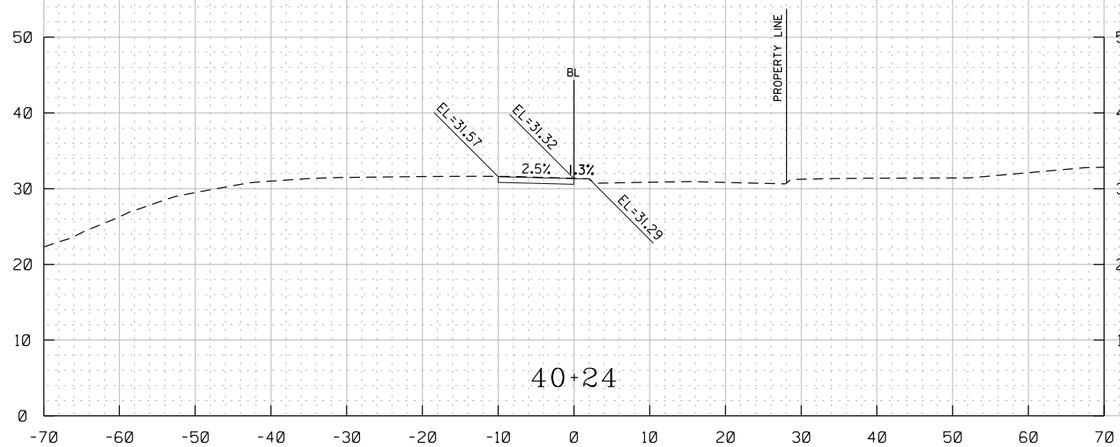
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904780
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

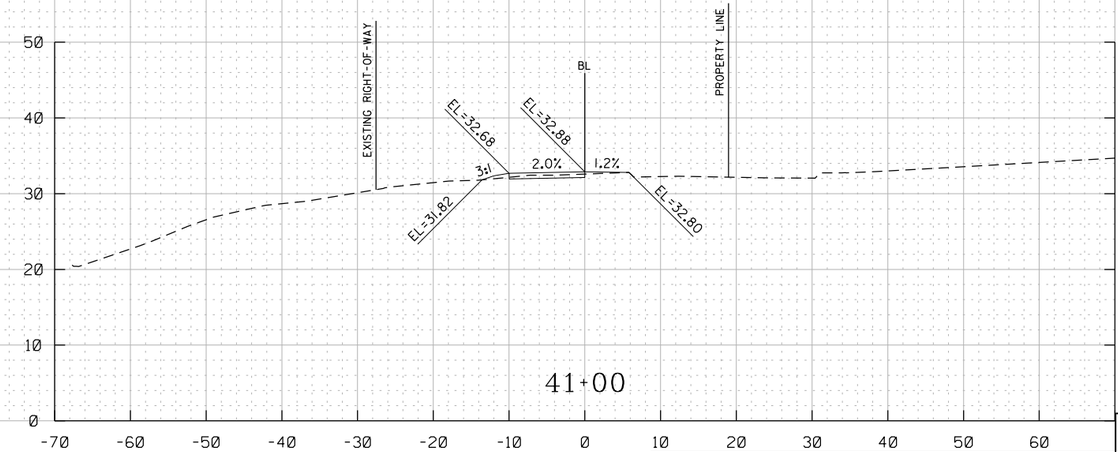
pXS-P02_BluePlains.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	504	576









XS-9

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
SHEPHERD PARKWAY
STA 40+24 TO STA 41+50

DIVISION CHIEF

DATE

FILE

SHEET 504 OF 576

ch2m TOOLE DESIGN

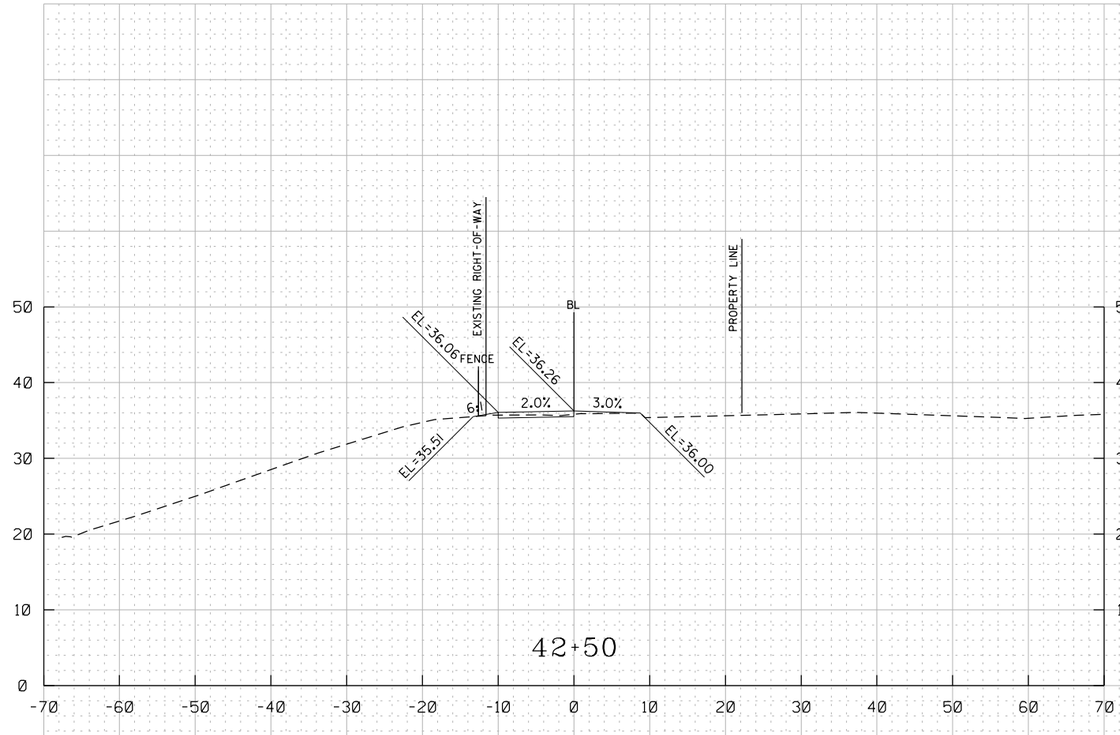
NO	DESCRIPTION	NAME	DATE

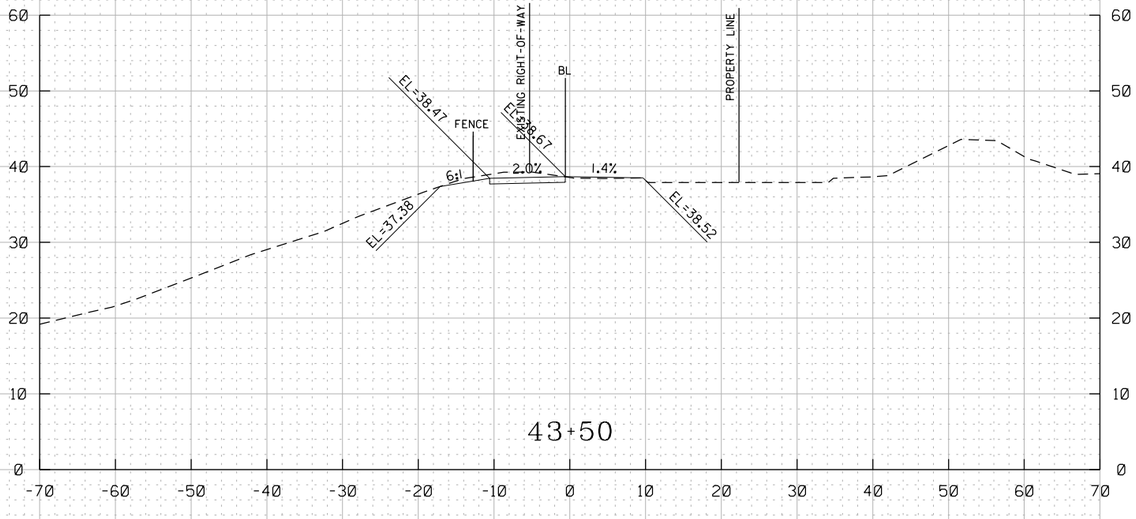
REVISIONS

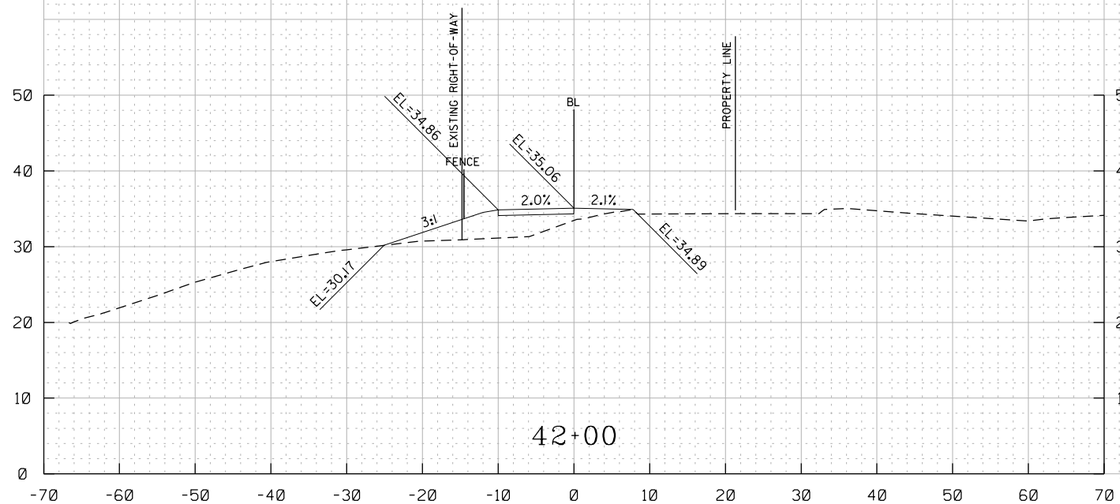
DISTRICT OF COLUMBIA
SHARON D. SHOWS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

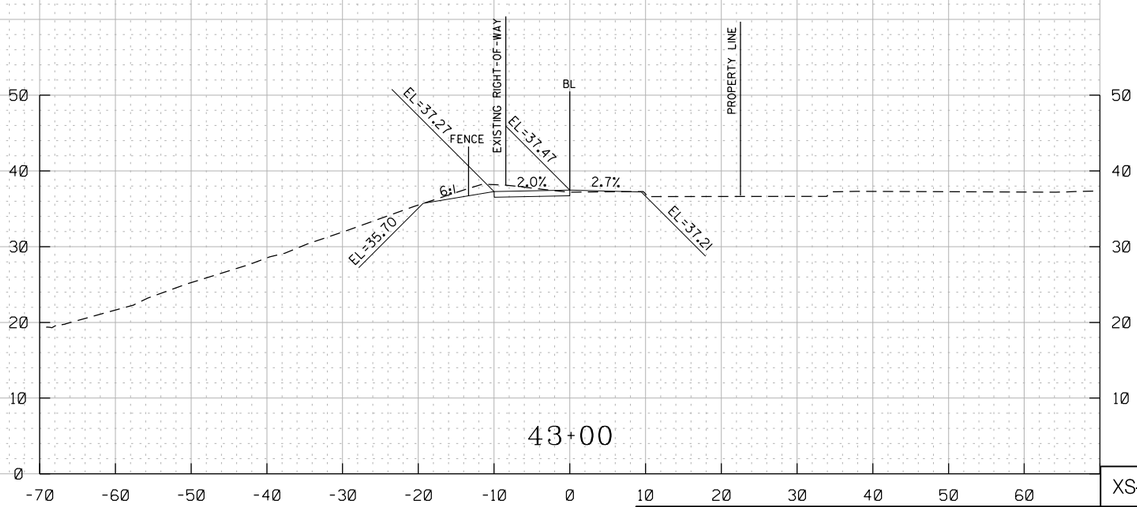
pXS-P03_Shepherd.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	505	576









XS-10

pXS-P03_Shepherd.dgn
8/8/2025

DISTRICT OF COLUMBIA
SHARON D. SHOWS
NO. PE014706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
SHEPHERD PARKWAY
STA 42+00 TO STA 43+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

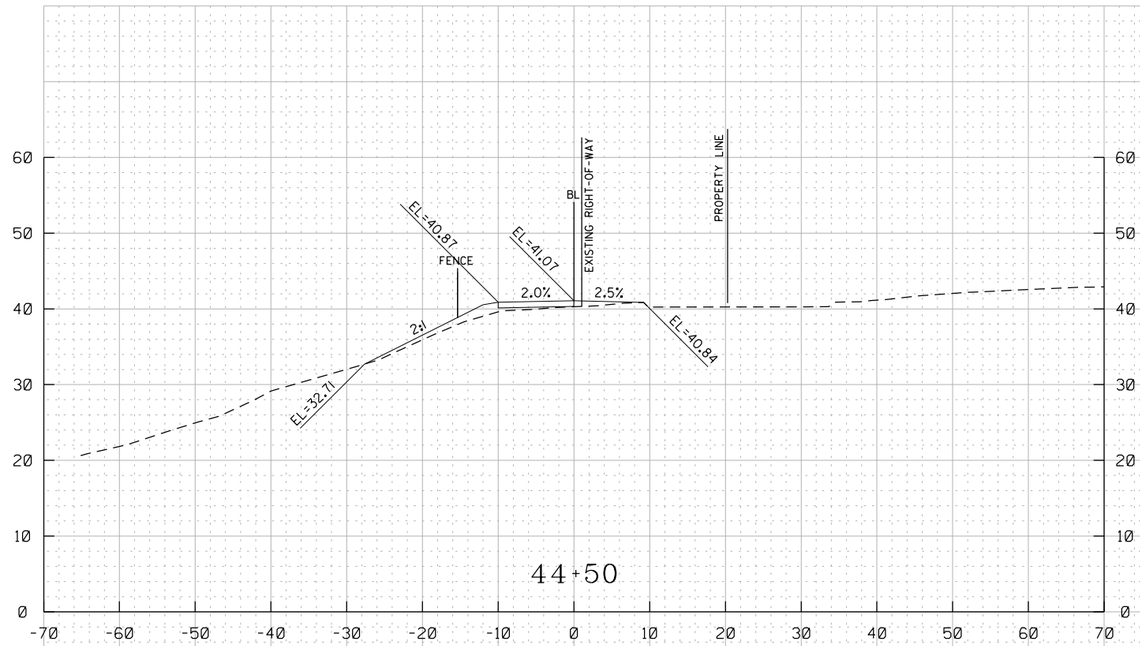
DIVISION CHIEF

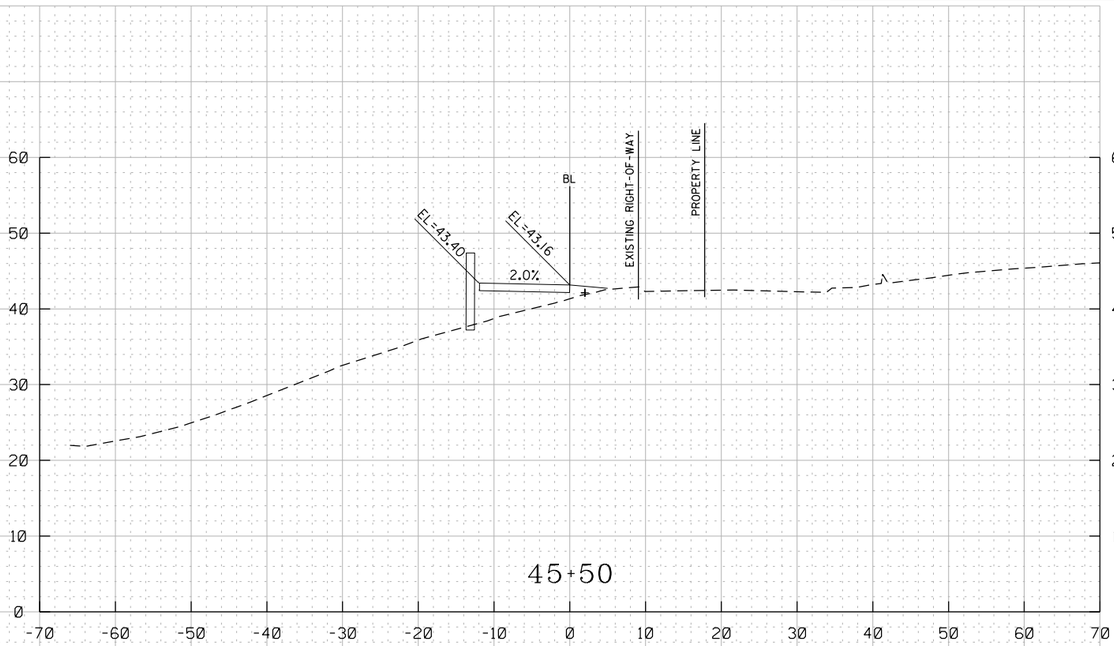
DATE

FILE

SHEET 505 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	506	576





XS-11

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

PROPOSED CROSS-SECTIONS
SHEPHERD PARKWAY
STA 44+00 TO STA 45+50

DIVISION CHIEF
DATE
FILE
SHEET 506 OF 576

ch2m TOOLE DESIGN

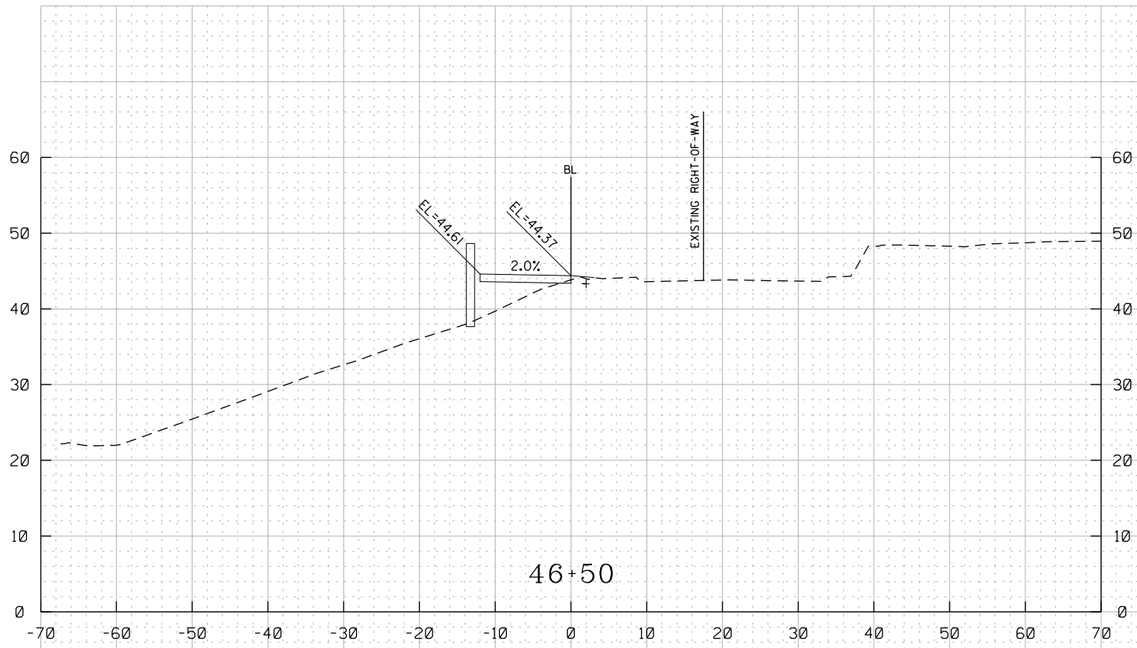
NO	DESCRIPTION	NAME	DATE

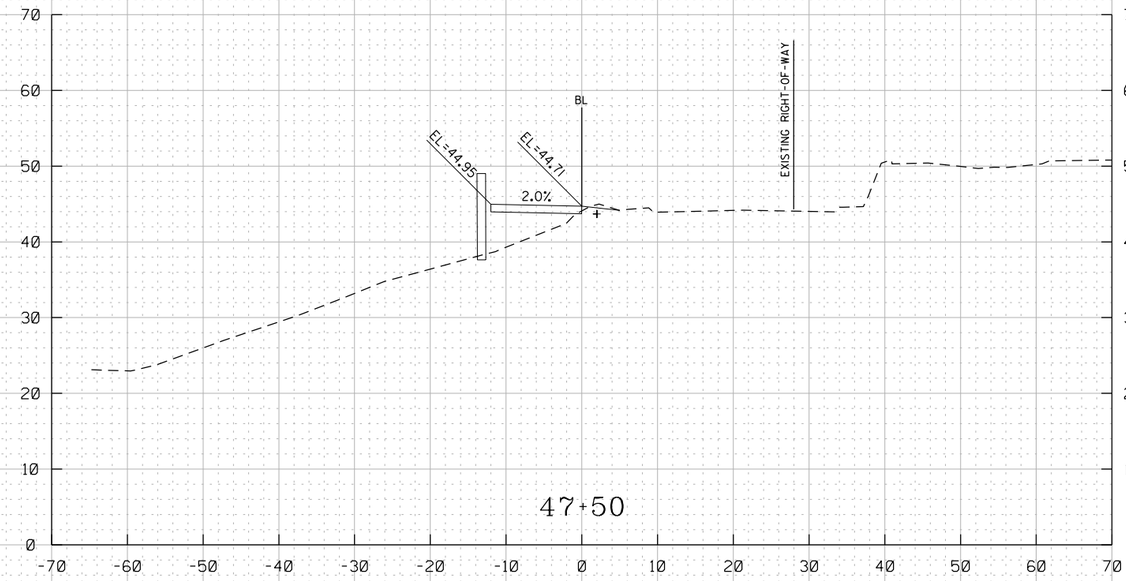
REVISIONS

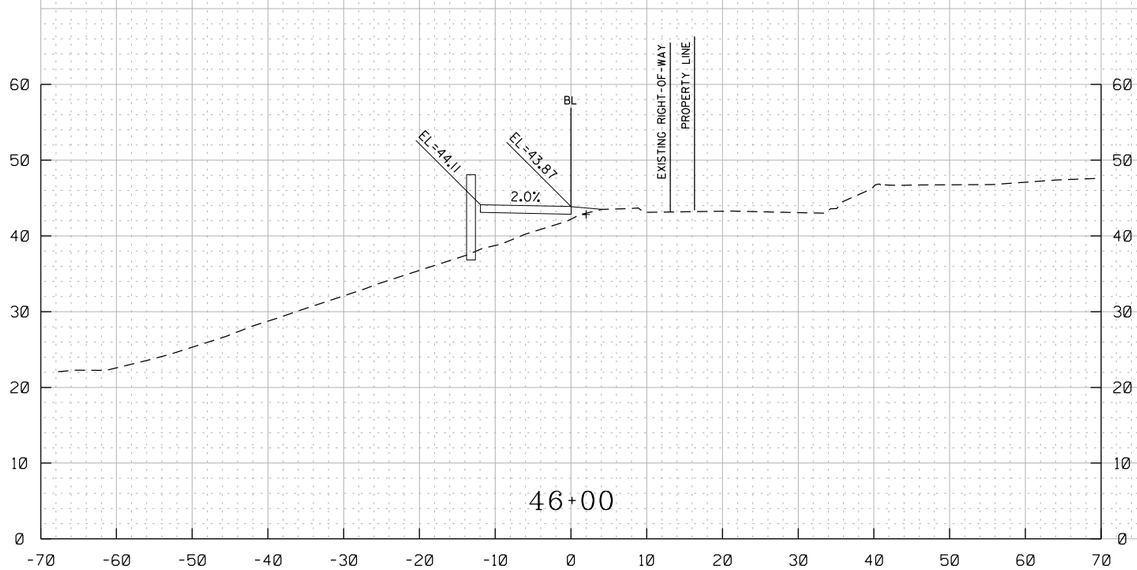
DISTRICT OF COLUMBIA
SHARLON B. SHORES
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

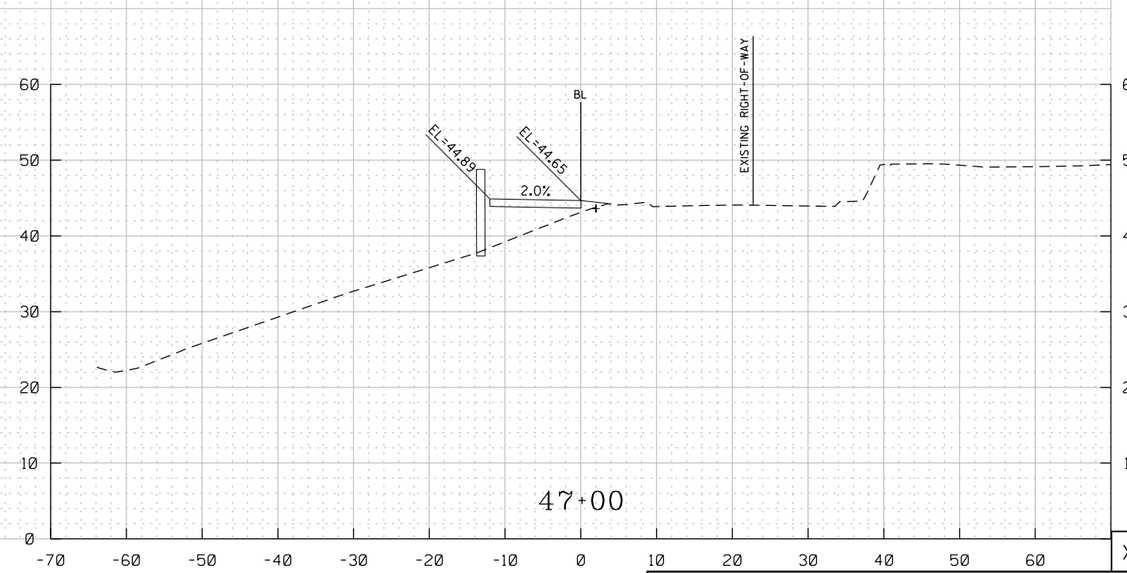
pXS-P03_Shepherd.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	507	576









XS-12

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

DIVISION CHIEF

DATE

FILE

SHEET 507 OF 576

PROPOSED CROSS-SECTIONS
SHEPHERD PARKWAY
STA 46+00 TO STA 47+50

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m TOOLE DESIGN

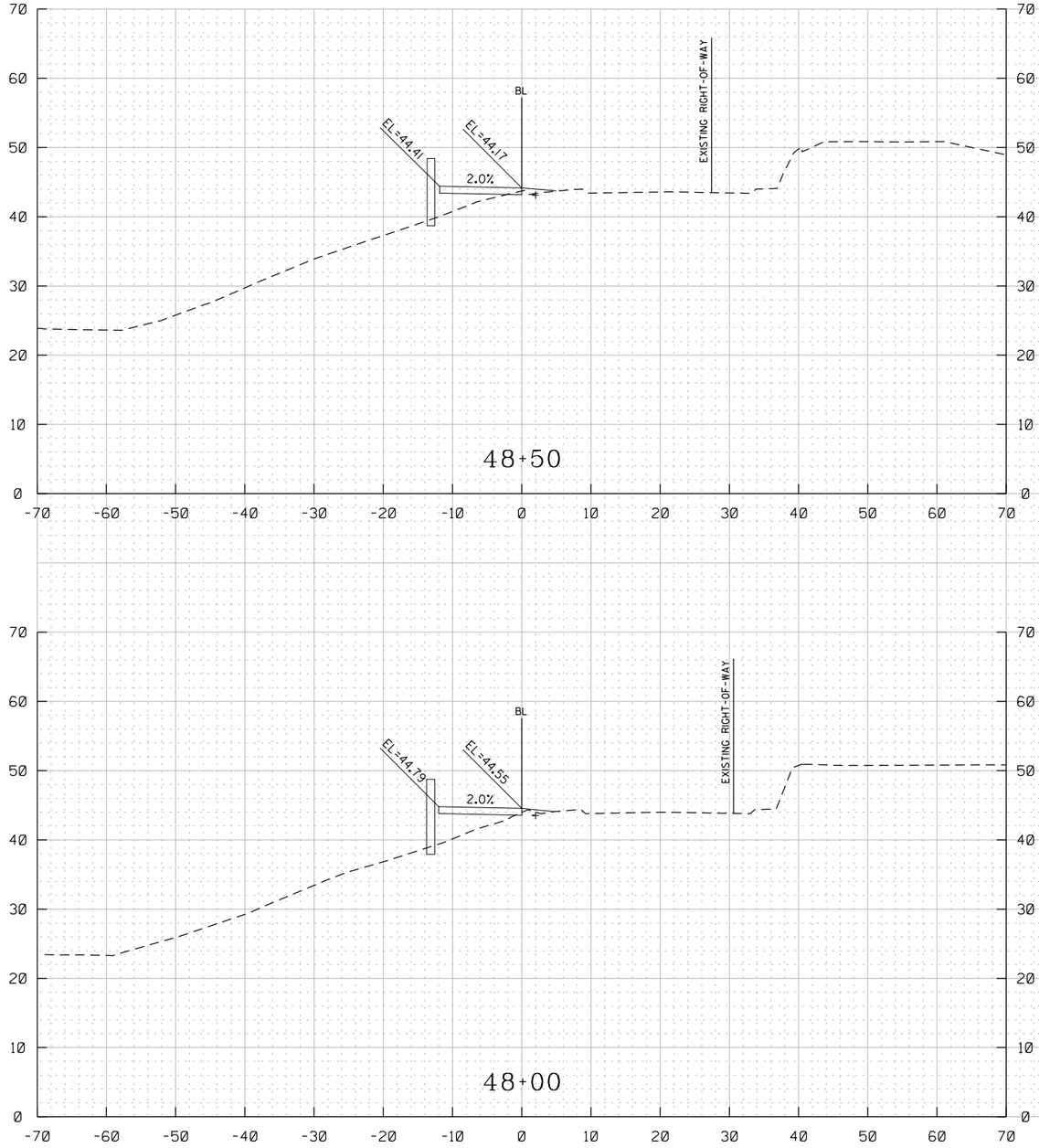
NO	DESCRIPTION	NAME	DATE

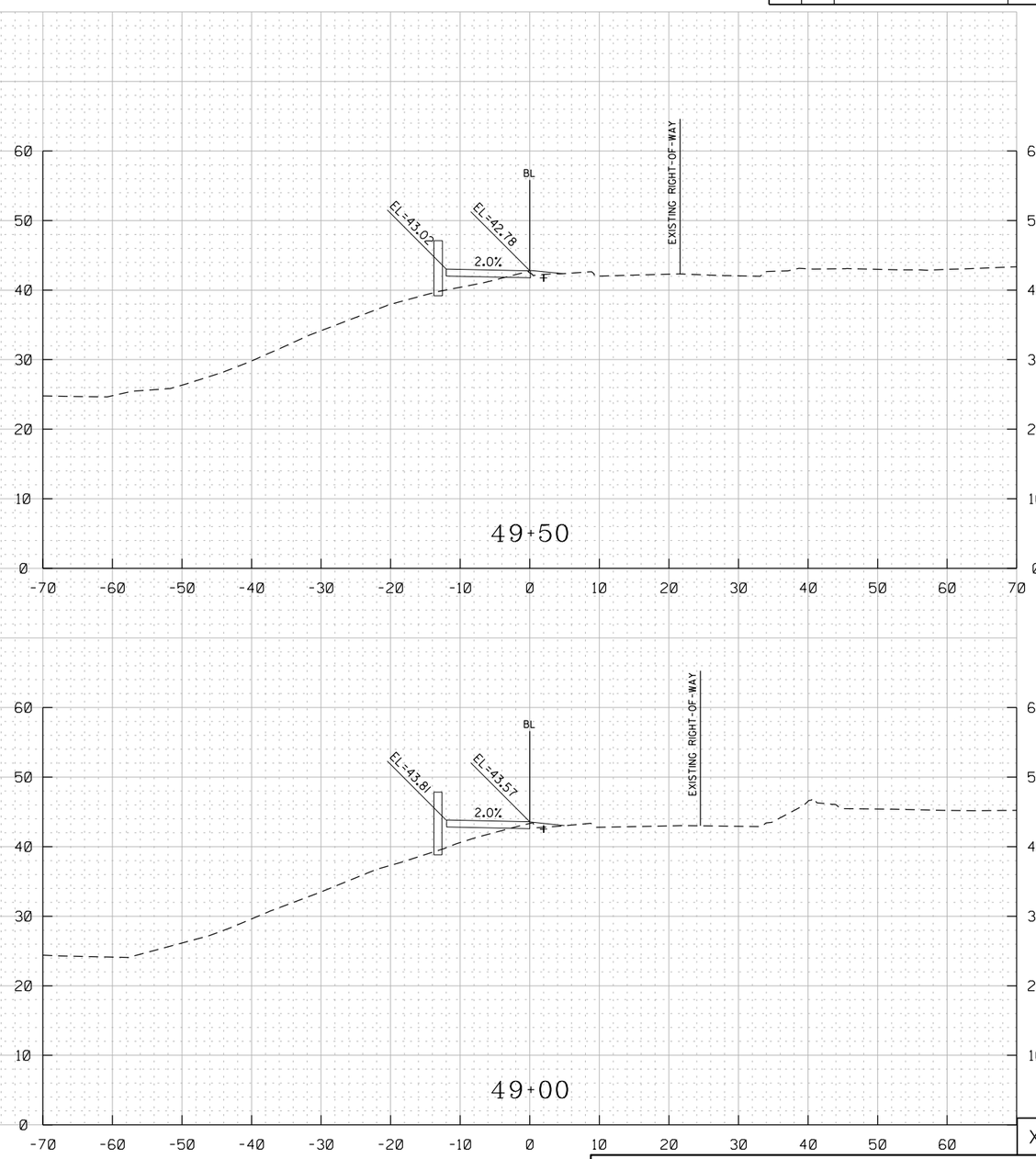
REVISIONS

DISTRICT OF COLUMBIA
SHARLON B. SHOMO
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P03_Shepherd.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	508	576





XS-13

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
SHEPHERD PARKWAY
STA 48+00 TO STA 49+50

DIVISION CHIEF

DATE

FILE

SHEET 508 OF 576

ch2m TOOLE DESIGN

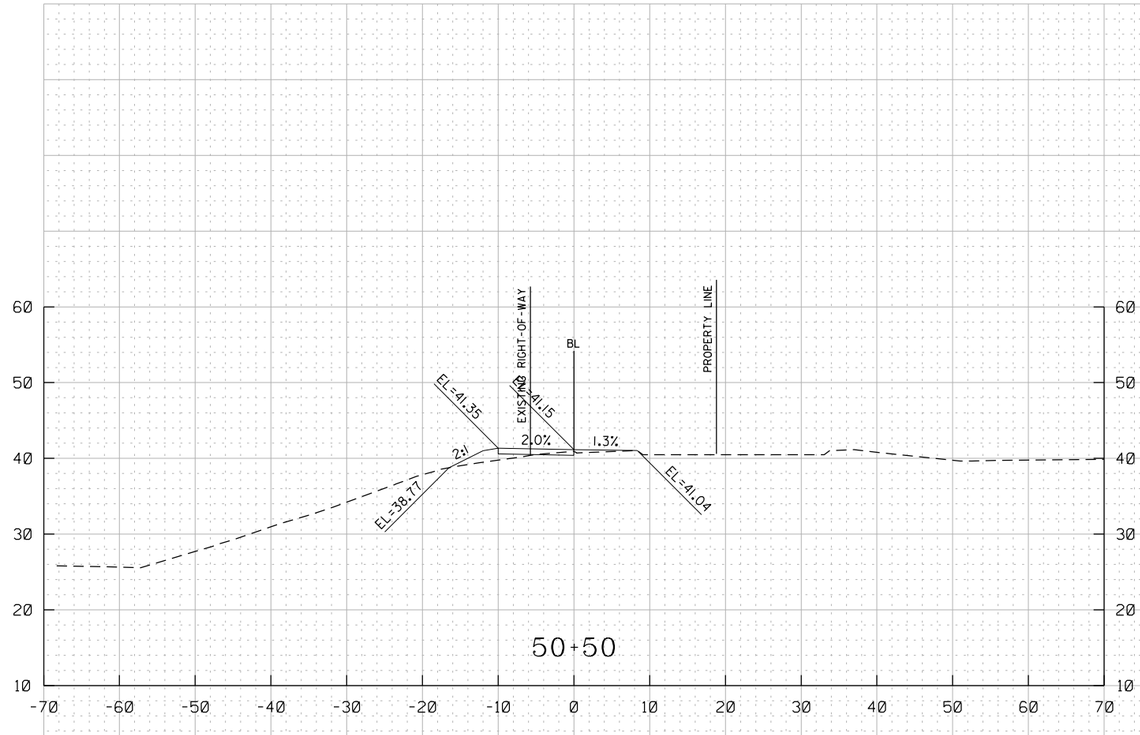
NO	DESCRIPTION	NAME	DATE

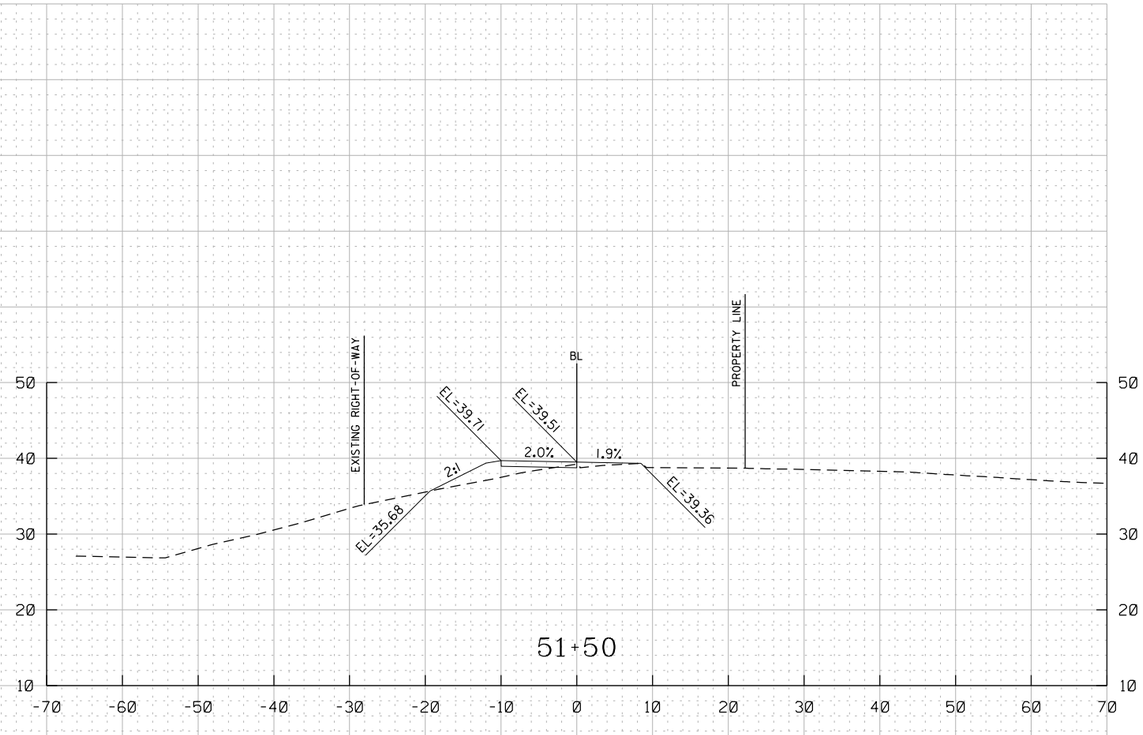
REVISIONS

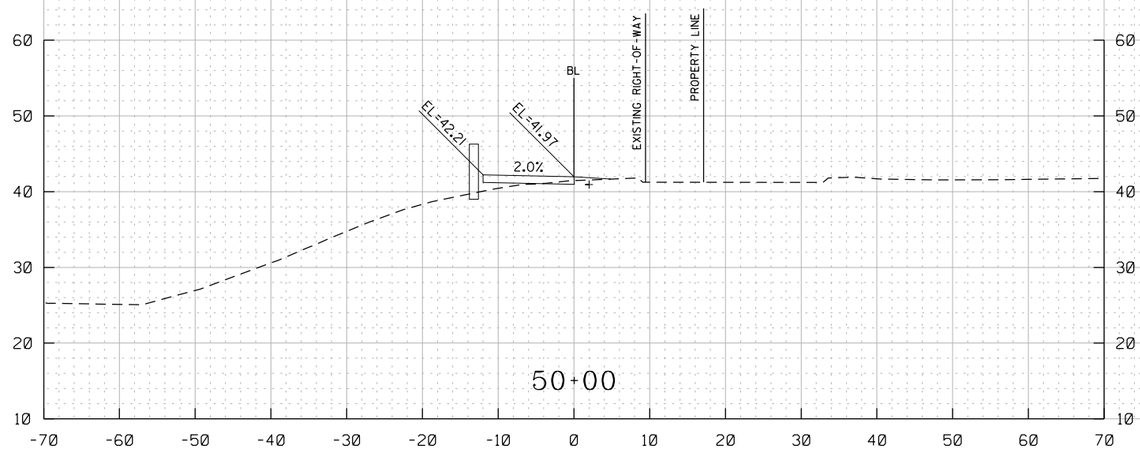
DISTRICT OF COLUMBIA
SHARLON D. SNOWDEN
NO. PE904780
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

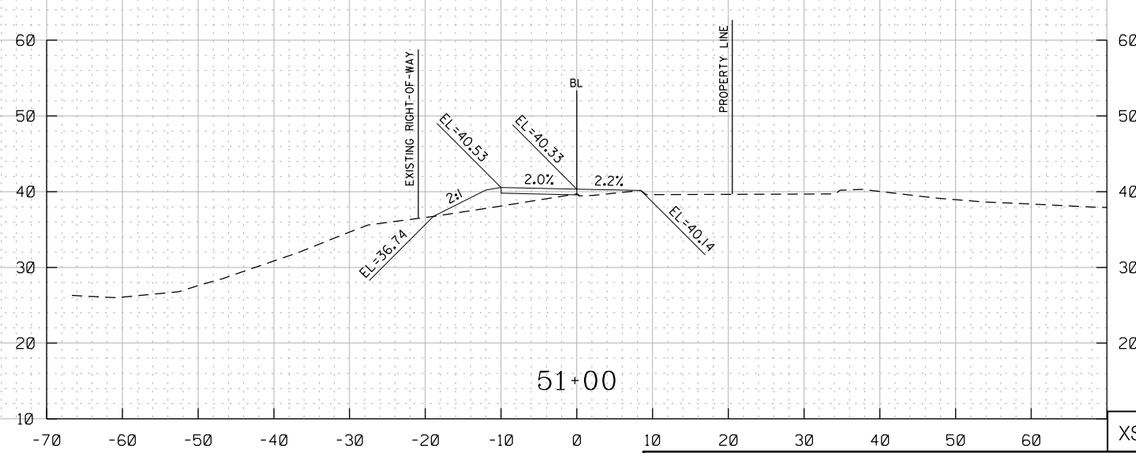
pXS-P03_Shepher d.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	509	576









XS-14

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
SHEPHERD PARKWAY
STA 50+00 TO STA 51+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 509 OF 576

NO	DESCRIPTION	NAME	DATE

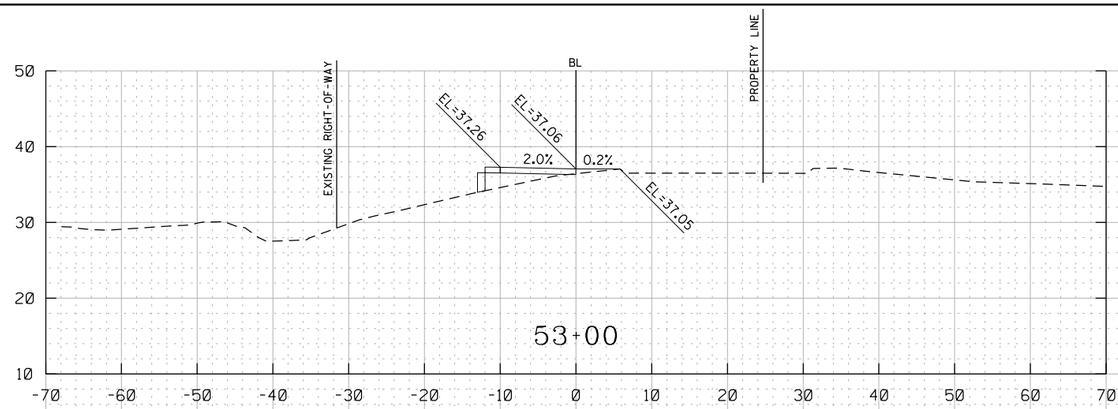
REVISIONS

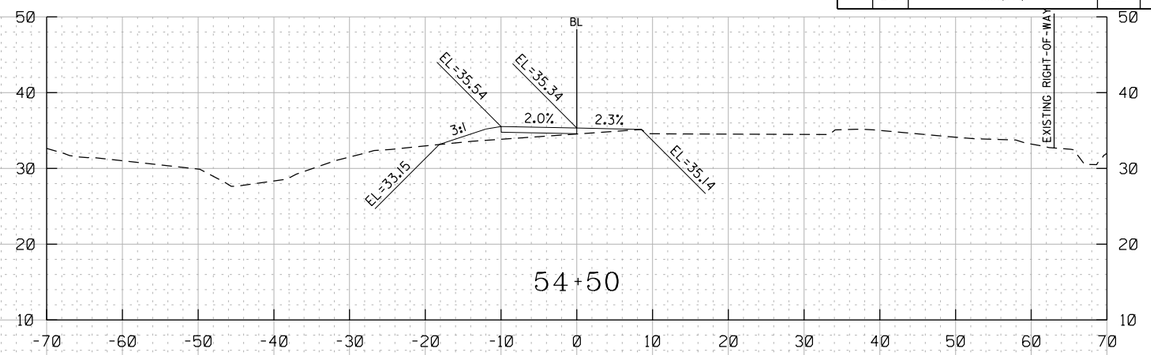
ch2m TOOLE DESIGN

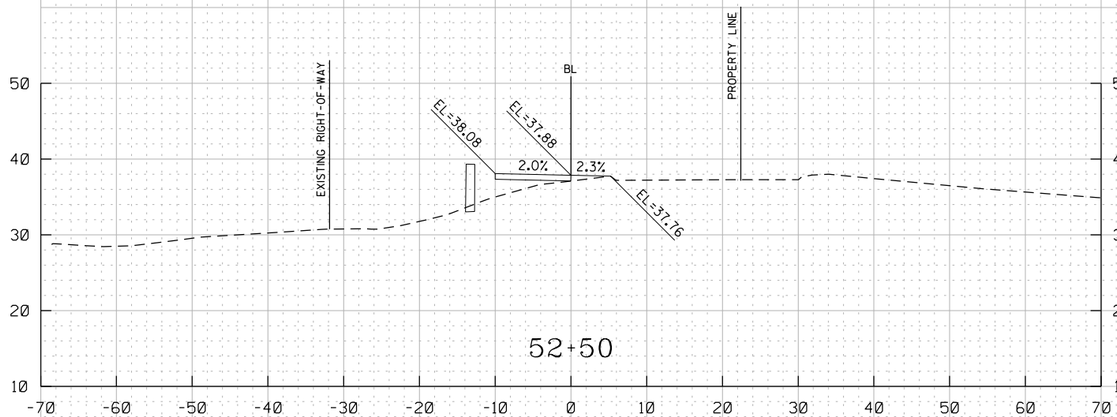
DISTRICT OF COLUMBIA
SHARON D. SHOWS
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

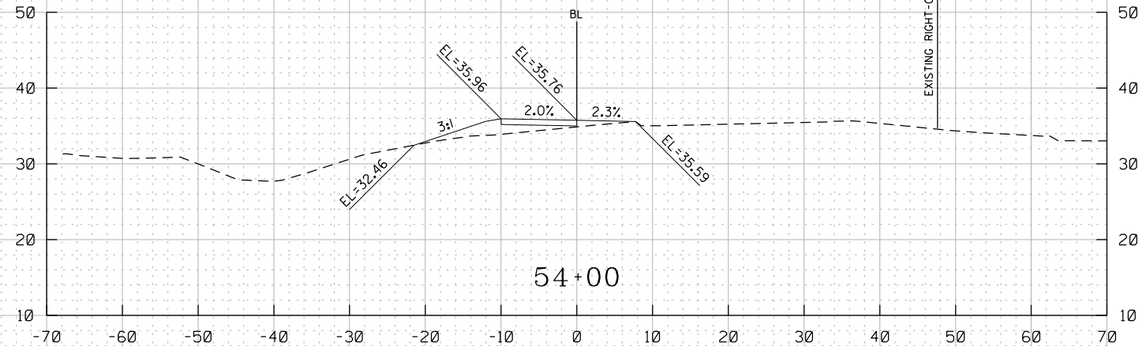
pXS-P03_Shepherd.dgn
8/8/2025

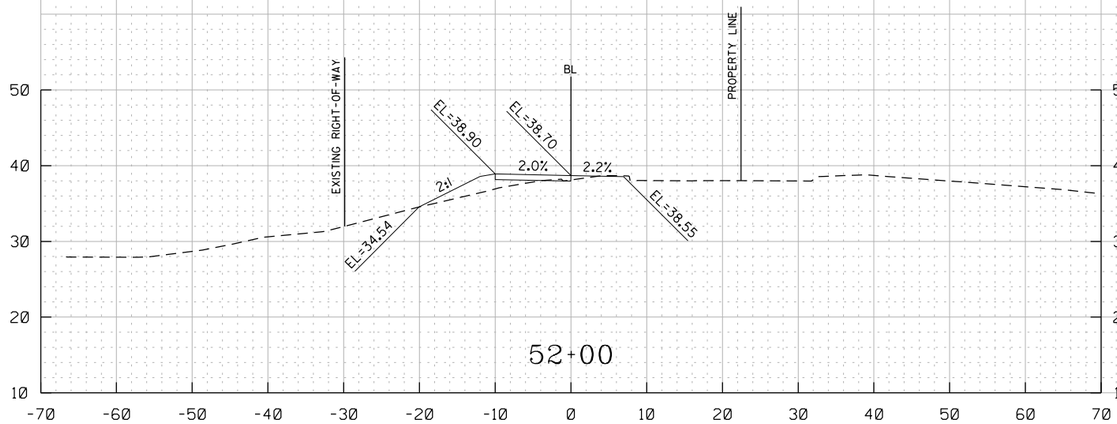
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	510	576

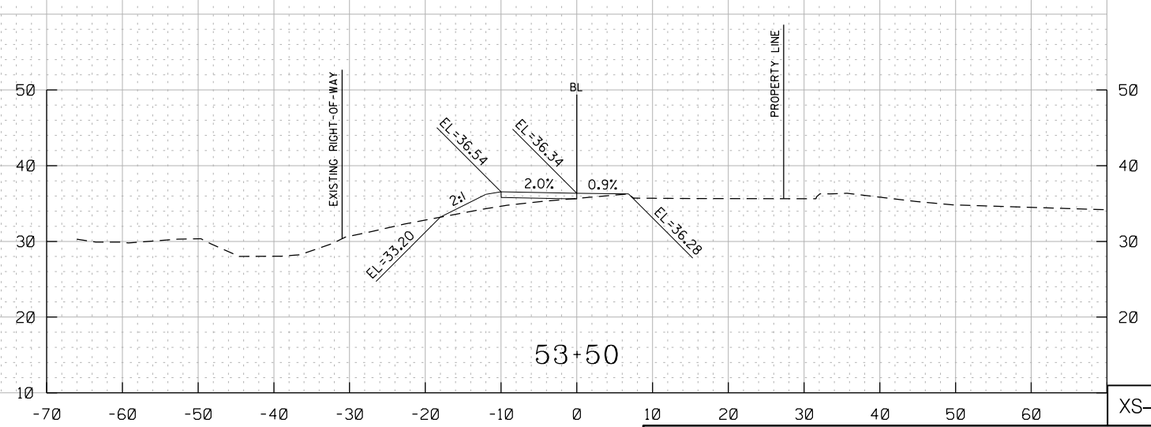












XS–15

DISTRICT OF COLUMBIA
SHANLON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P03_Shepherd.dgn
8/8/2025

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
SHEPHERD PARKWAY
STA 52+00 TO STA 54+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

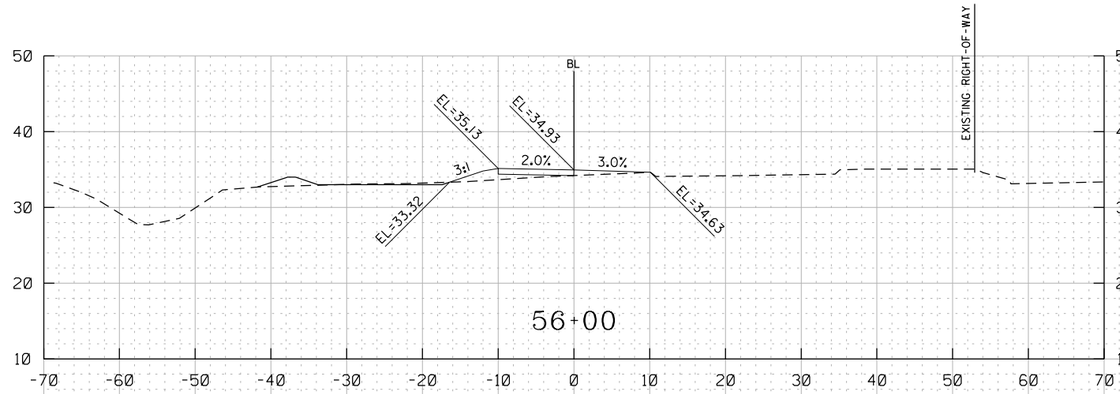
DIVISION CHIEF

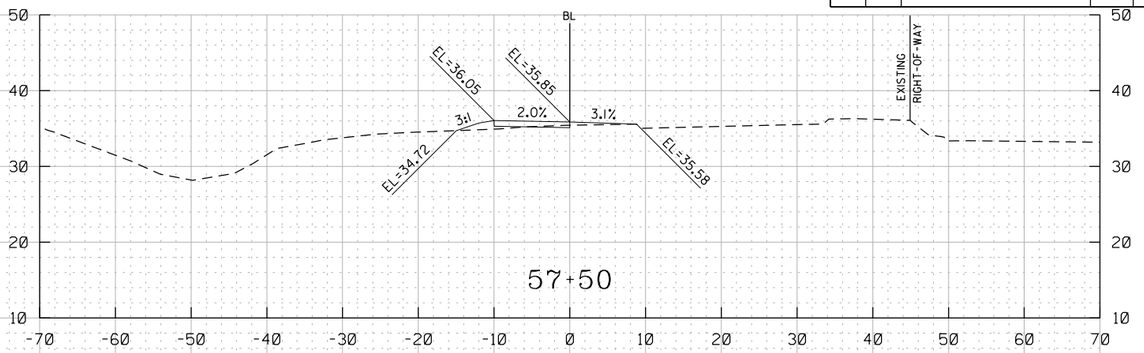
DATE

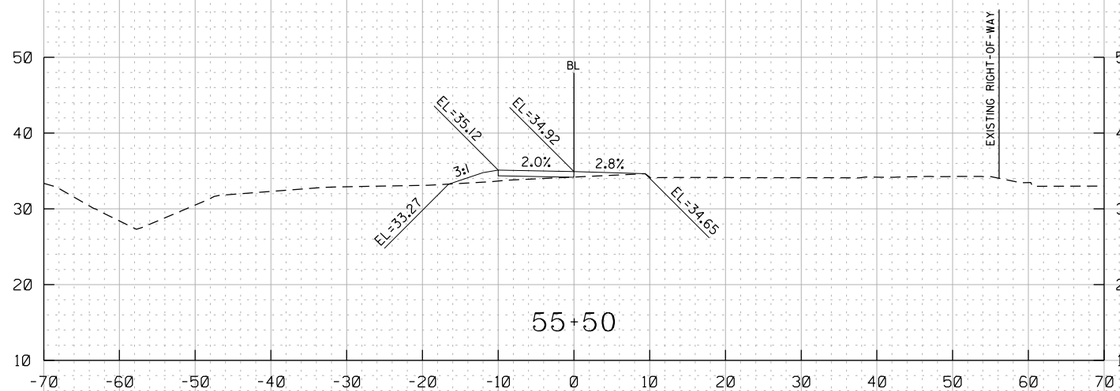
FILE

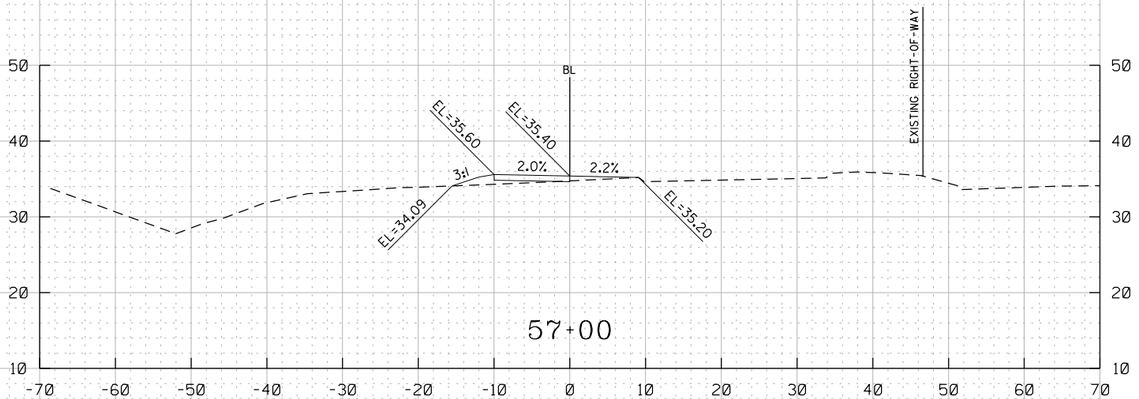
SHEET 510 OF 576

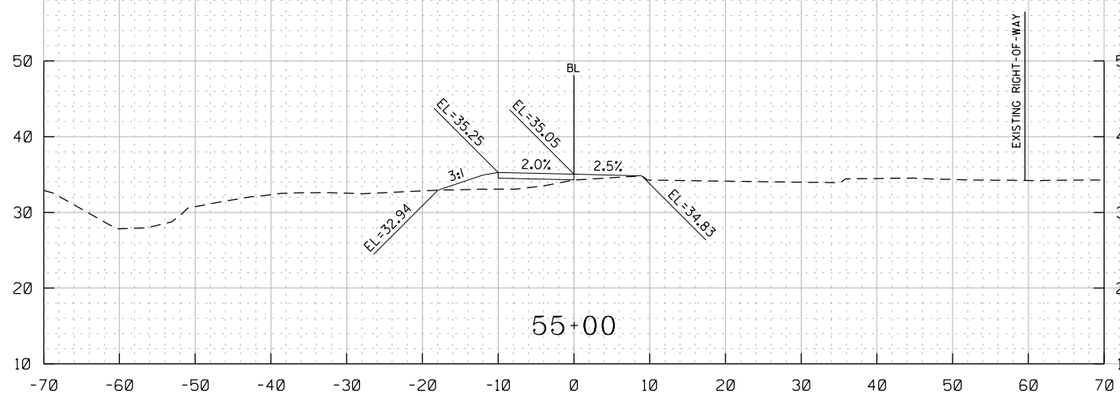
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	511	576

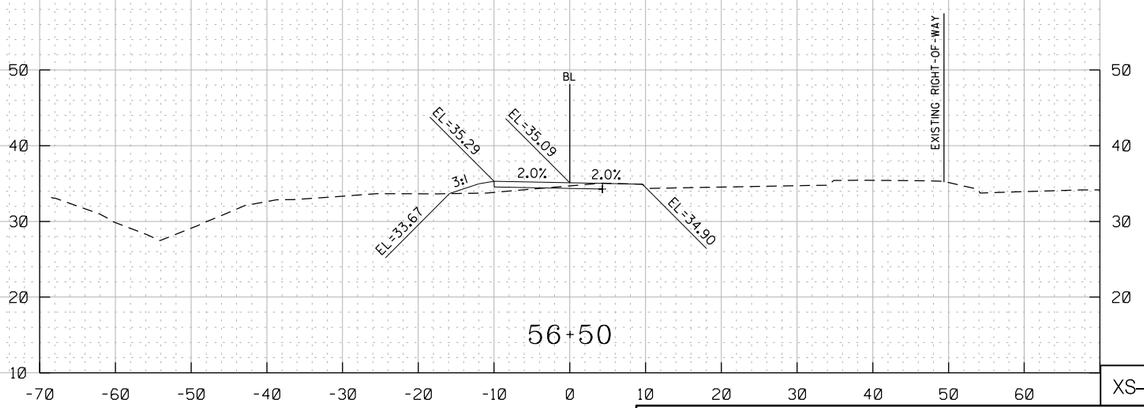












XS-16

pXS-P03_Shepherd.dgn
8/8/2025

DISTRICT OF COLUMBIA
SHANLON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

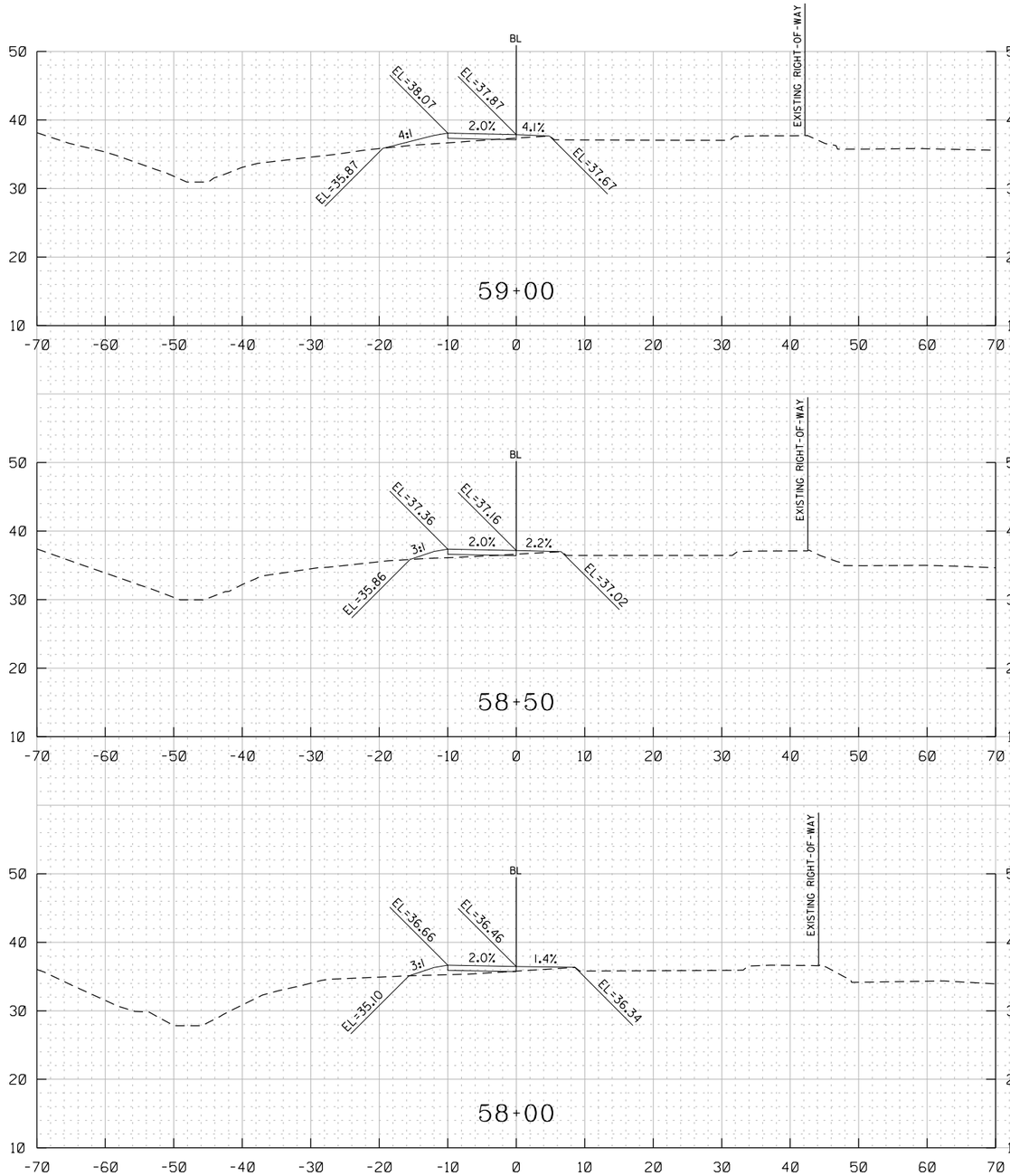
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

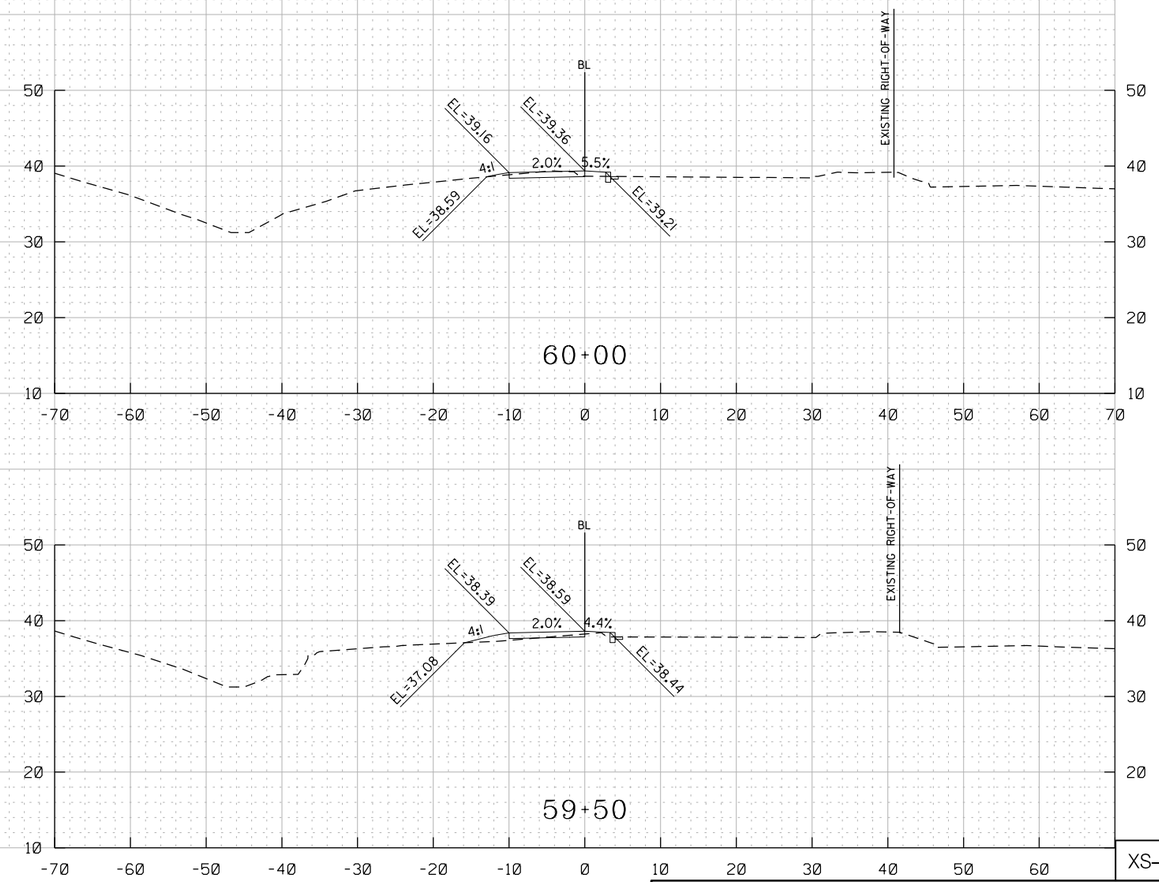
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
SHEPHERD PARKWAY
STA 55+00 TO STA 57+50

DIVISION CHIEF
DATE
FILE
SHEET 511 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	512	576





XS-17

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
SHEPHERD PARKWAY
STA 58+00 TO STA 60+00

DIVISION CHIEF

DATE

FILE

SHEET 512 OF 576

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

NO	DESCRIPTION	NAME	DATE

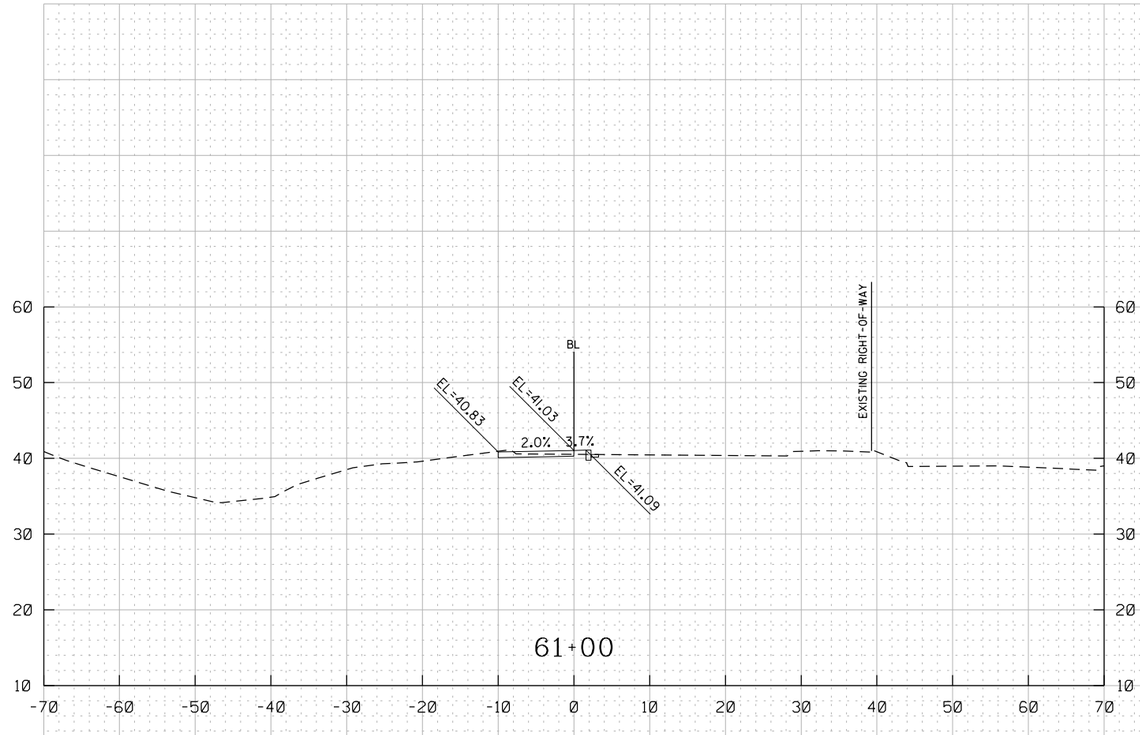
REVISIONS

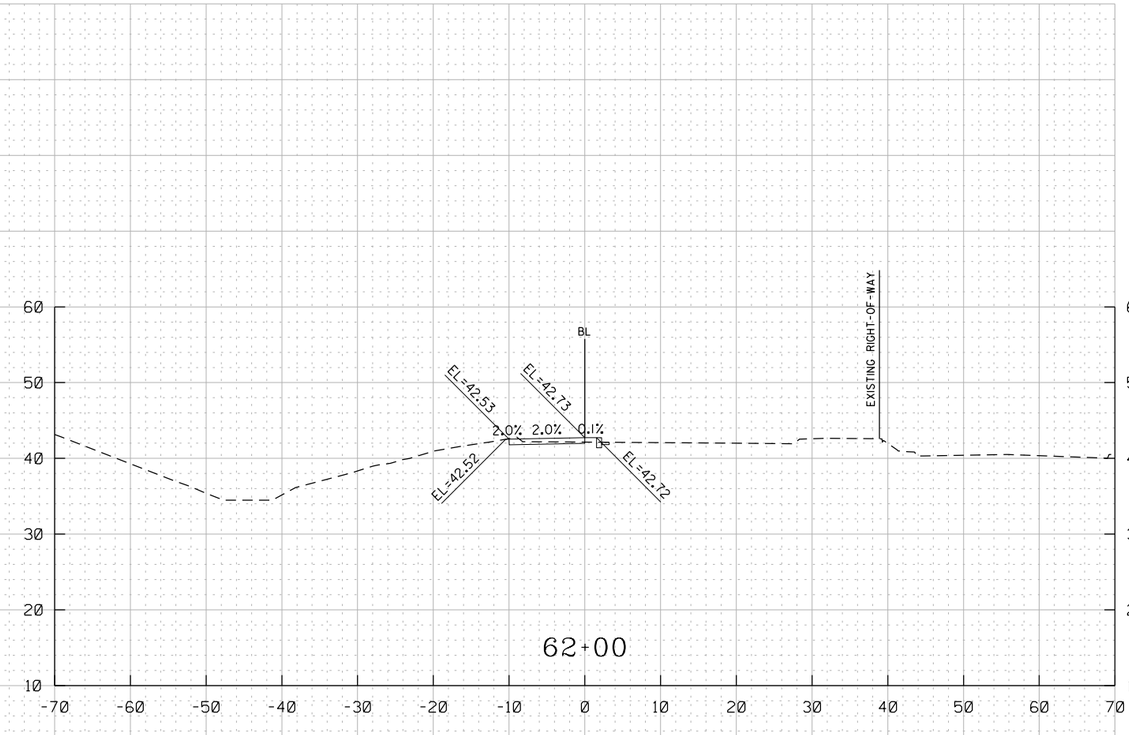
ch2m TOOLE DESIGN

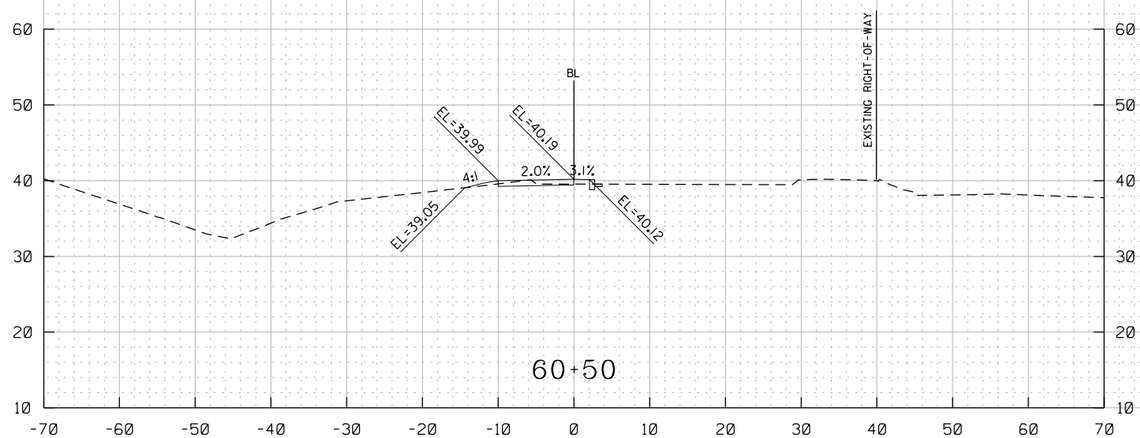
DISTRICT OF COLUMBIA
SHANLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

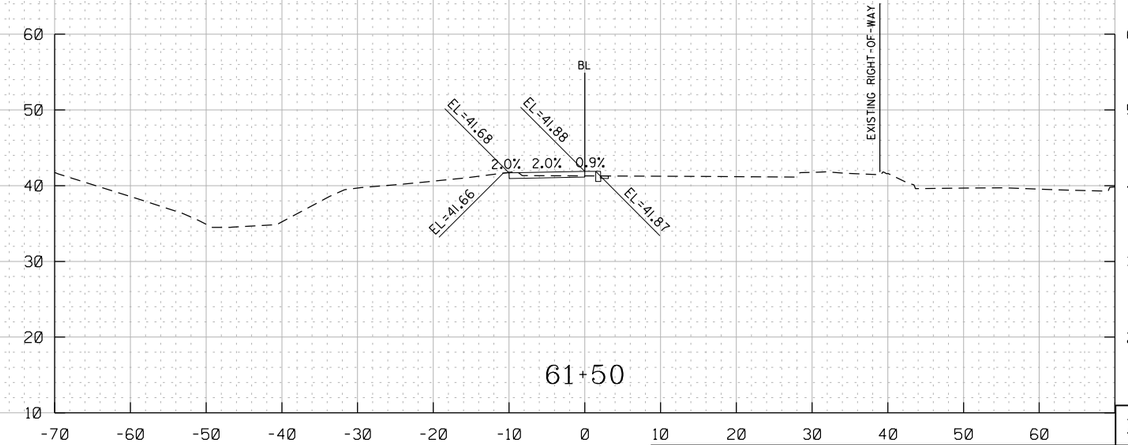
pXS-P03_Shepherd.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	513	576









XS-18

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
SHEPHERD PARKWAY
STA 60+50 TO STA 62+00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 513 OF 576

ch2m TOOLE DESIGN

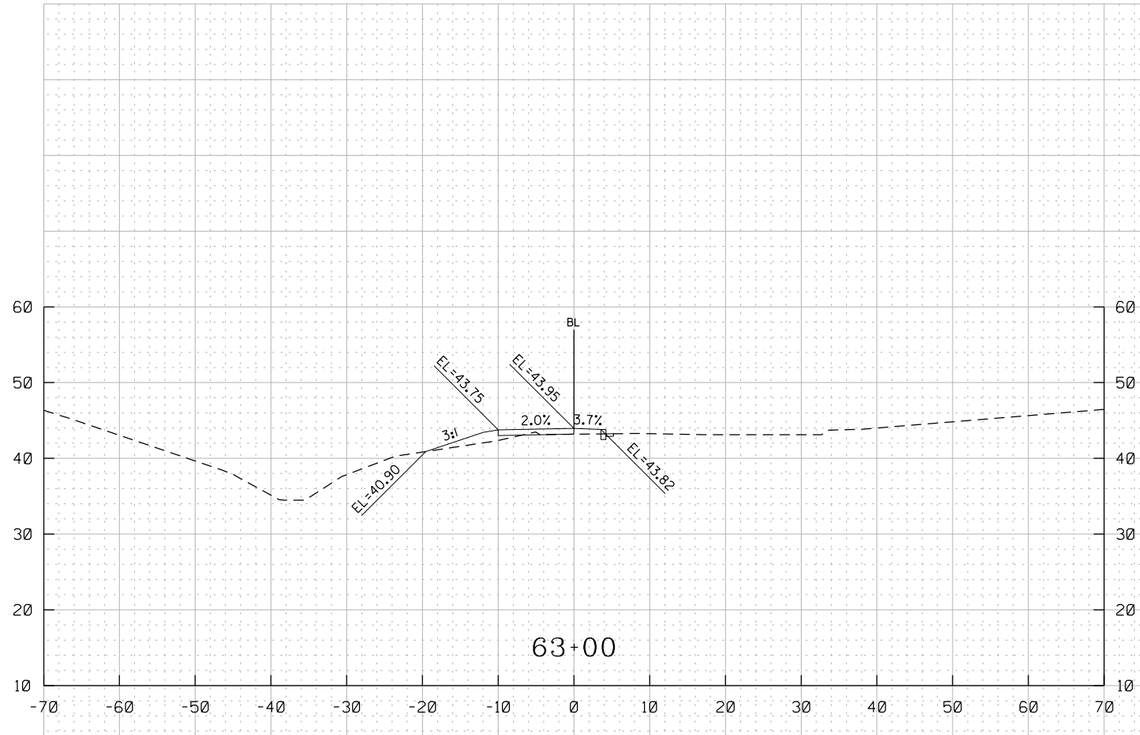
NO	DESCRIPTION	NAME	DATE

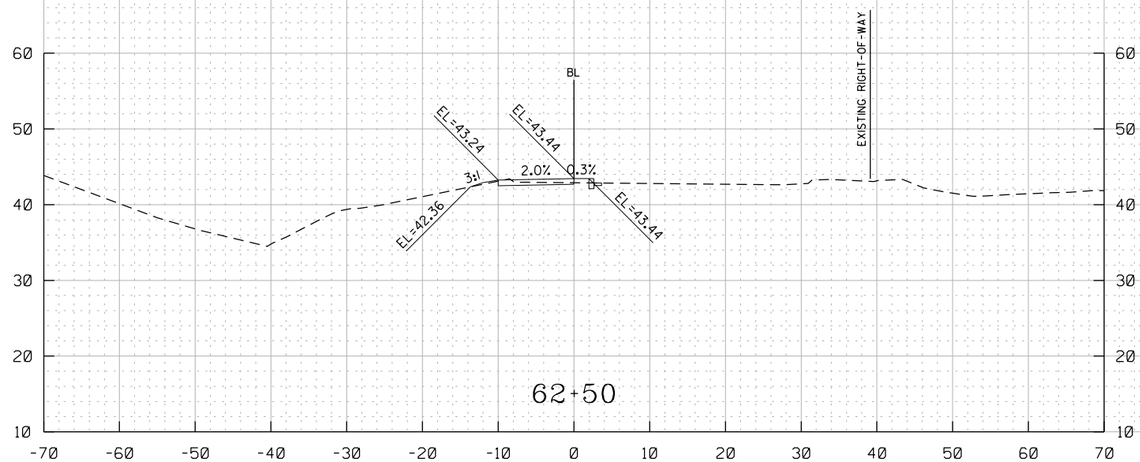
REVISIONS

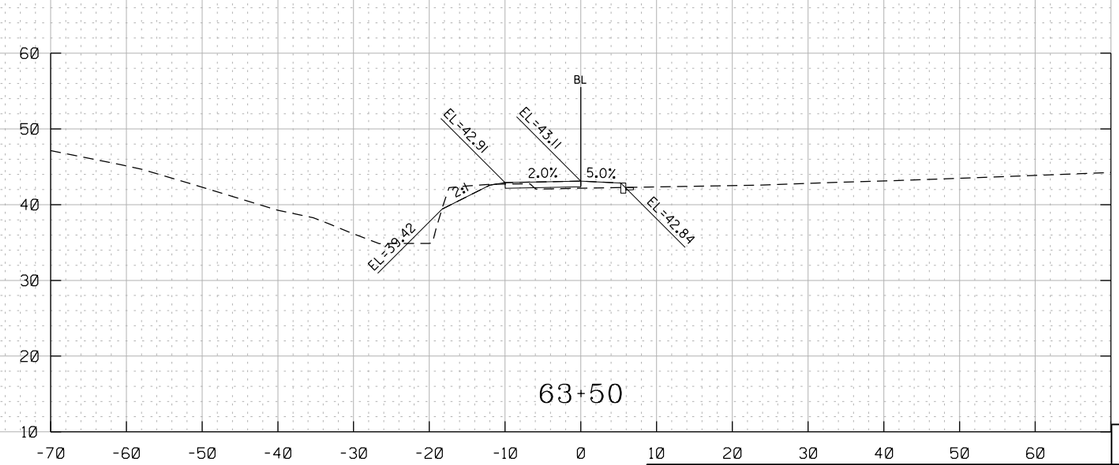
DISTRICT OF COLUMBIA
SHARON D. SHOWS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P03_Shepherd.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	514	576







XS-19

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

NO	DESCRIPTION	NAME	DATE

REVISIONS

ch2m TOOLE DESIGN

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

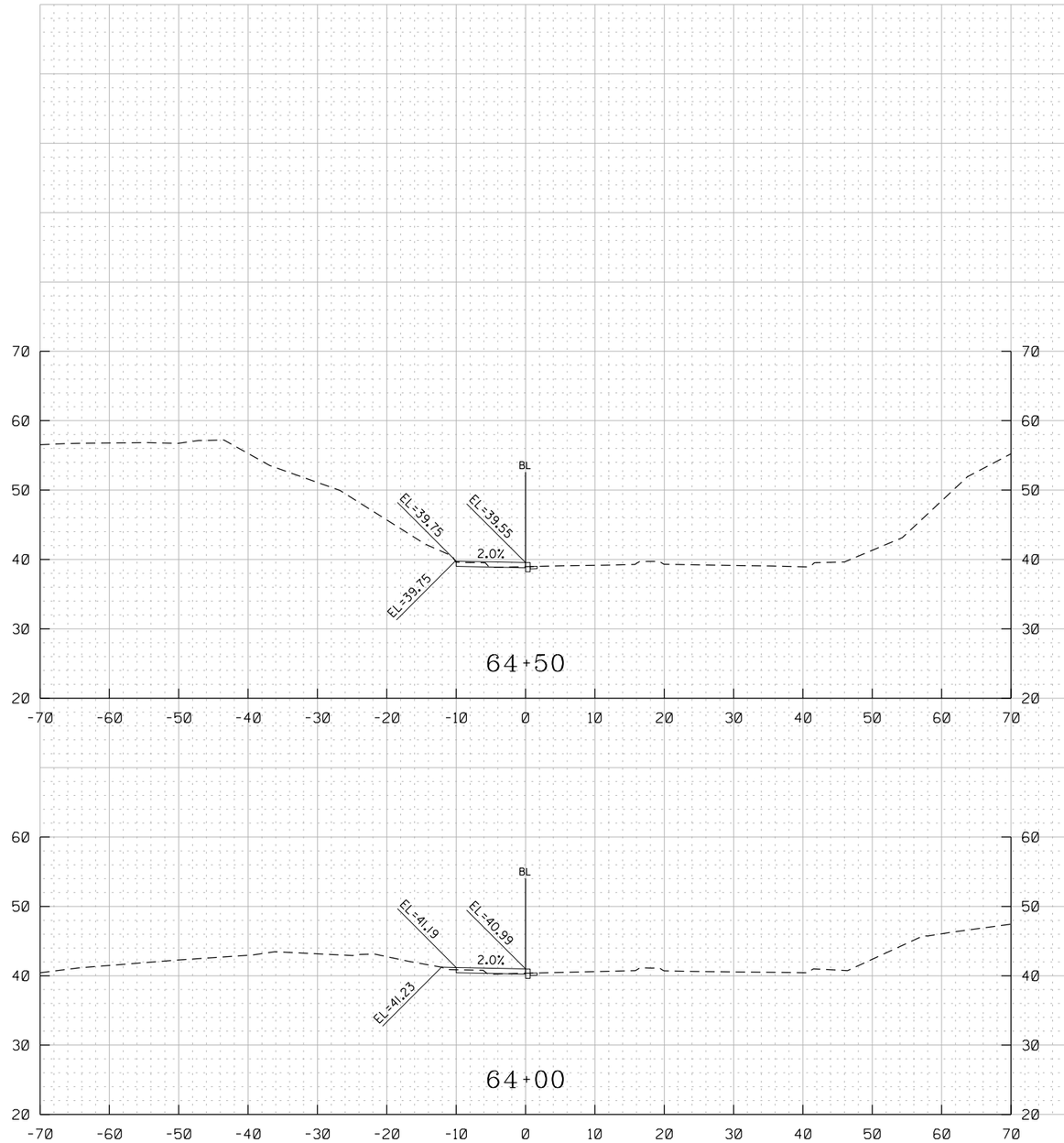
PROPOSED CROSS-SECTIONS
SHEPHERD PARKWAY
STA 62+50 TO STA 63+50

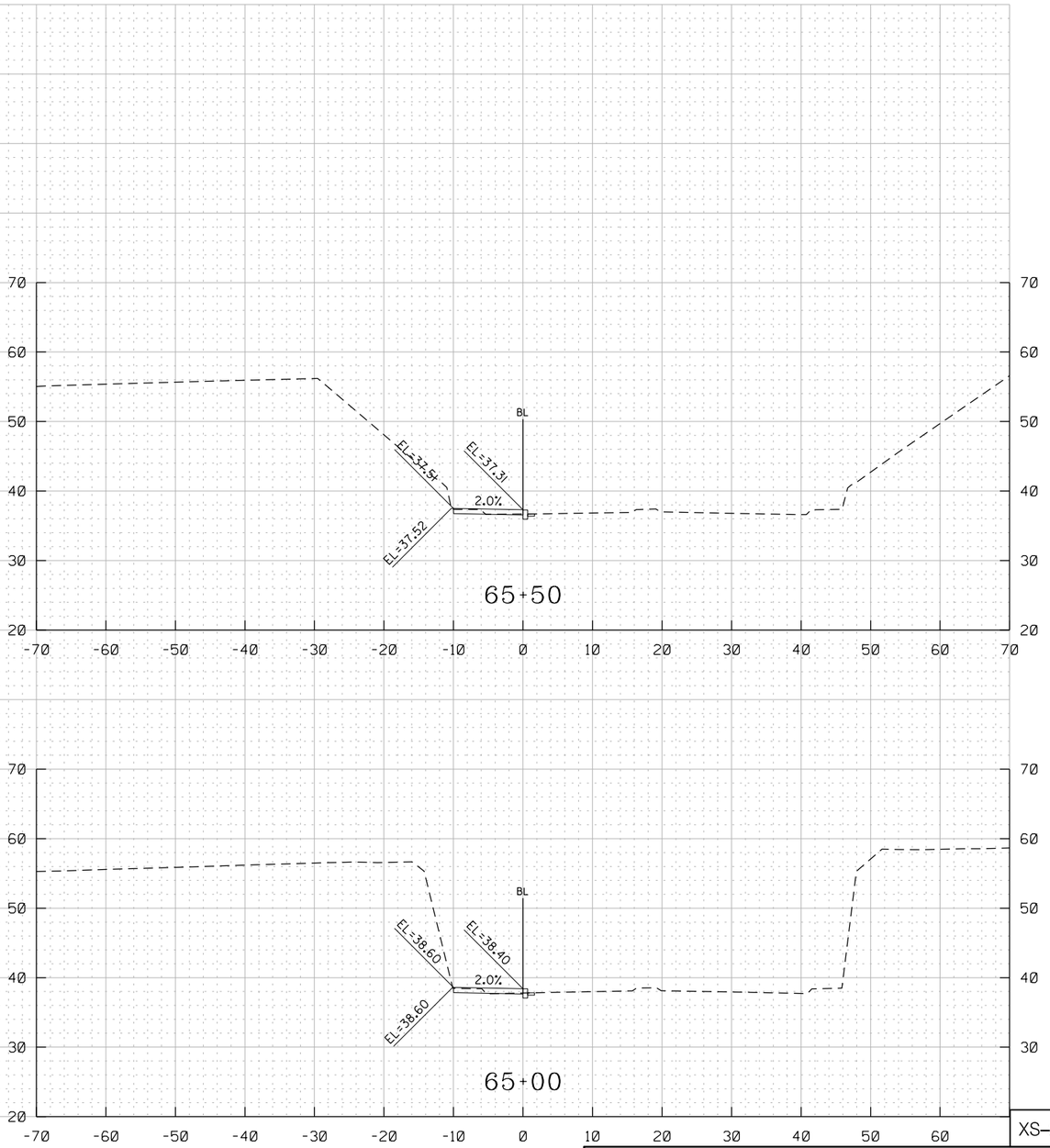
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS
DIVISION CHIEF	
DATE	
FILE	
SHEET	514 OF 576

DISTRICT OF COLUMBIA
SHARON D. SHOWS
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P03_Shepherd.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	515	576





XS–20

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
SHEPHERD PARKWAY
STA 64+00 TO STA 65+50

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 515 OF 576

NO	DESCRIPTION	NAME	DATE

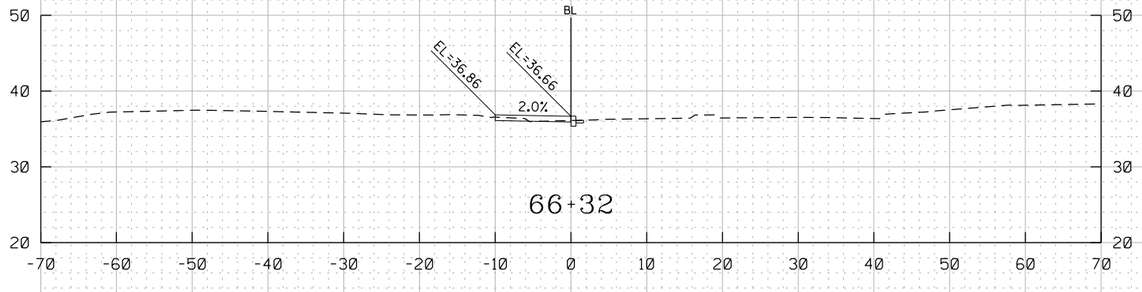
REVISIONS

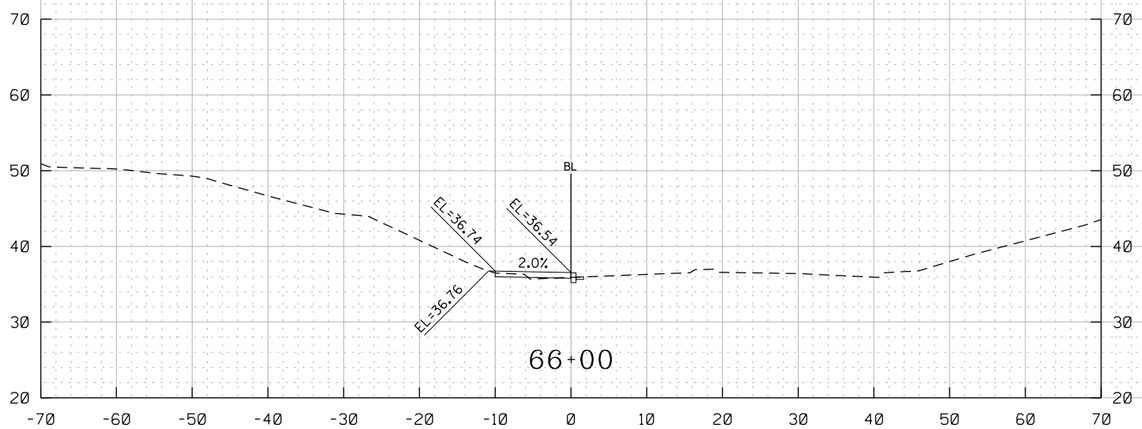
DISTRICT OF COLUMBIA
BRANDON D. SIMONS
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

pXS-P03_Shepherd.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	516	576





XS-21

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

NO	DESCRIPTION	NAME	DATE

REVISIONS

ch2m TOOLE DESIGN

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
SHEPHERD PARKWAY
STA 66+00 TO STA 66+32

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

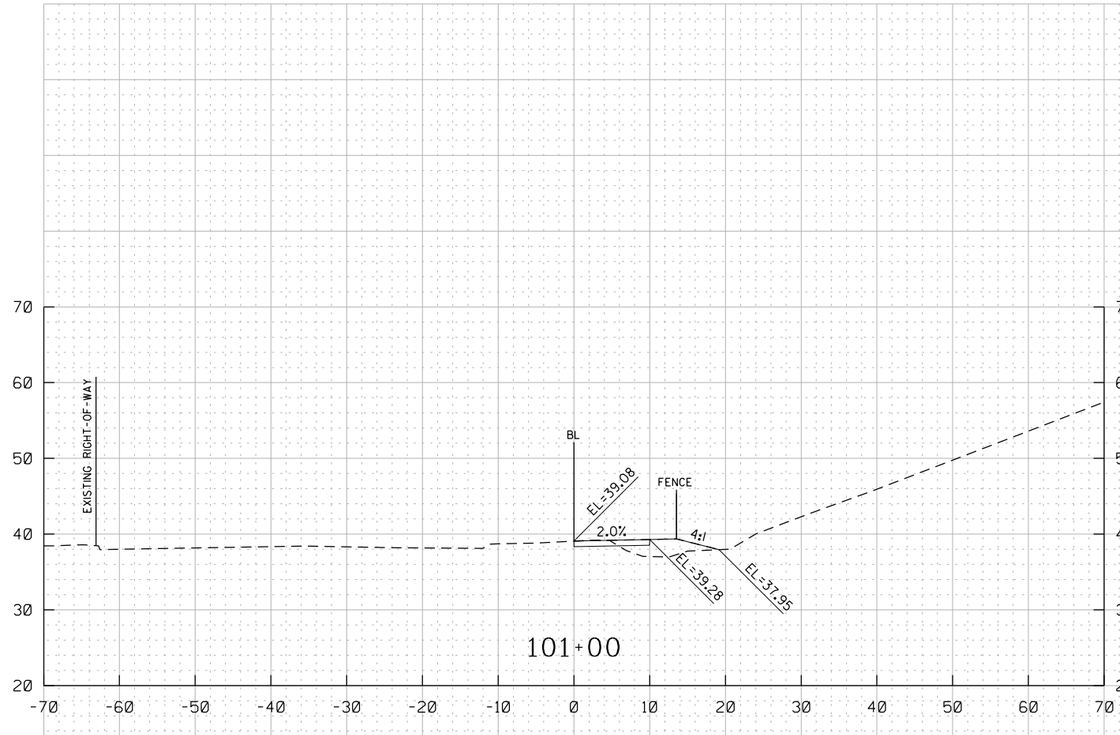
FILE

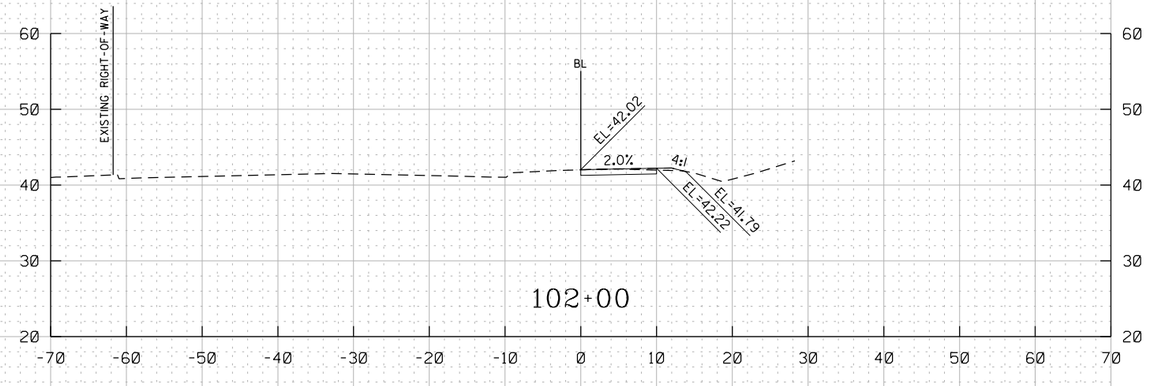
SHEET 516 OF 576

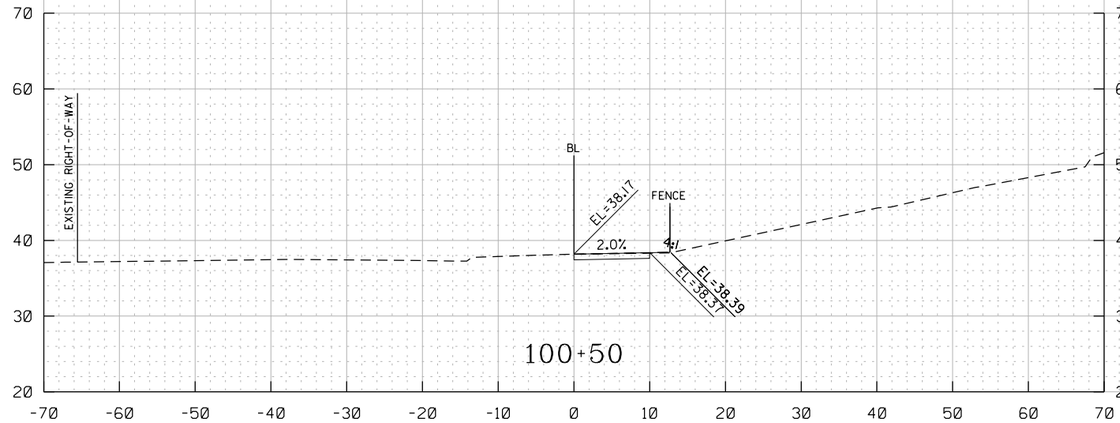
DISTRICT OF COLUMBIA
SHARON D. SHOMO
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

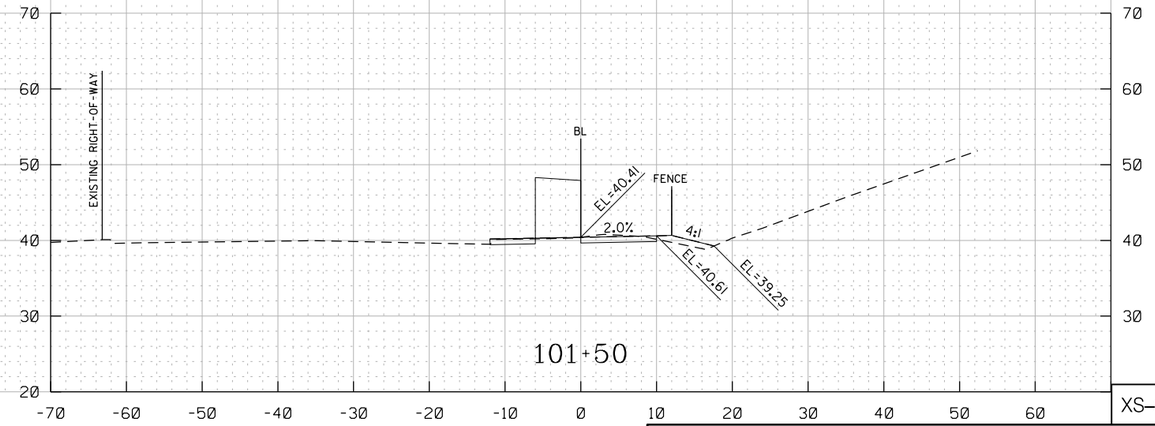
pXS-P03_Shepherd.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	517	576









XS–22

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 100+50 TO STA 102+00

DIVISION CHIEF

DATE

FILE

SHEET 517 OF 576

ch2m TOOLE DESIGN

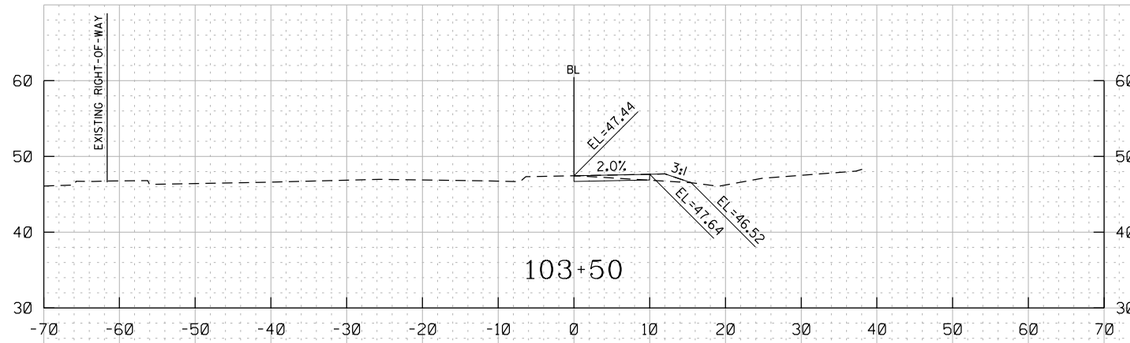
NO	DESCRIPTION	NAME	DATE

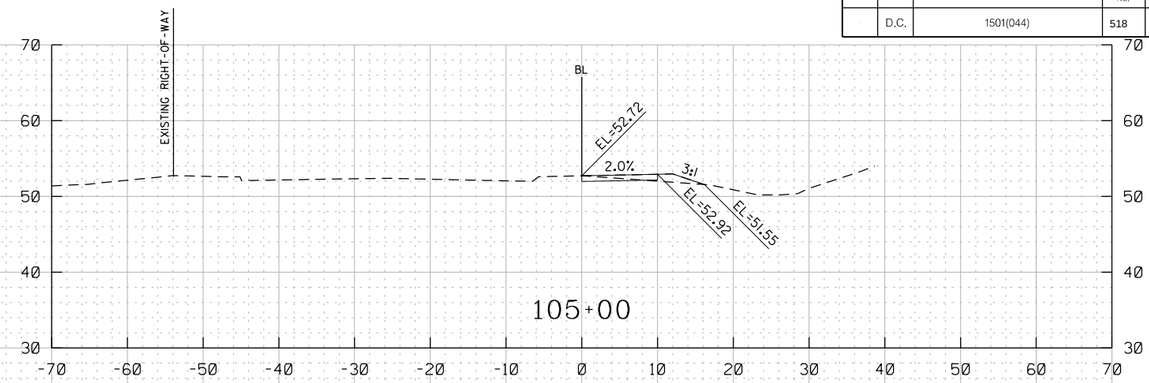
REVISIONS

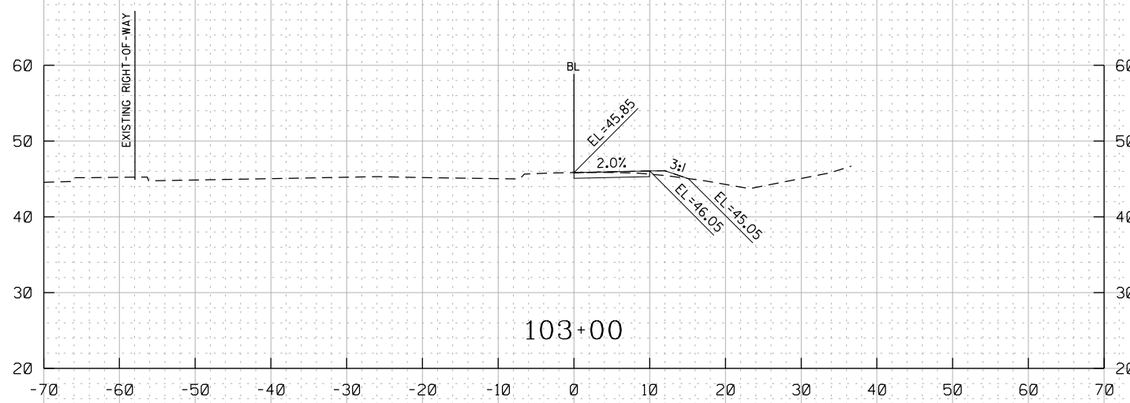
DISTRICT OF COLUMBIA
SHARON D. SHOWS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

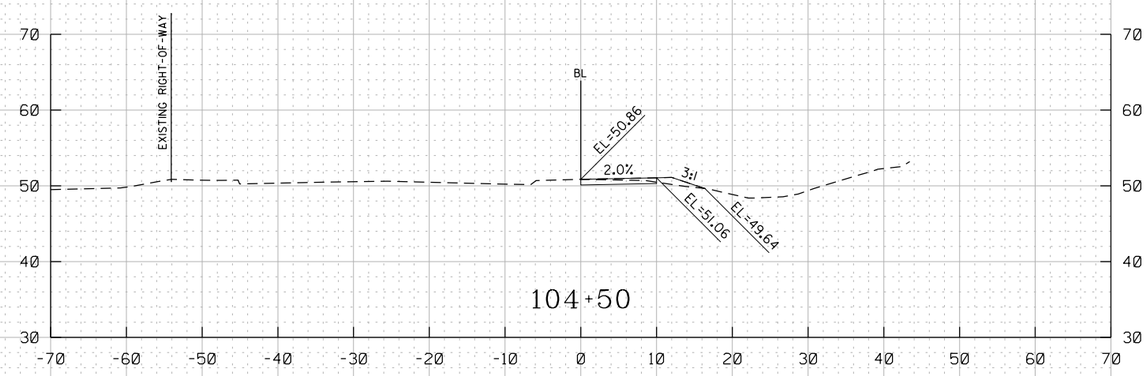
pXS-P04_Overlook1.dgn
8/8/2025

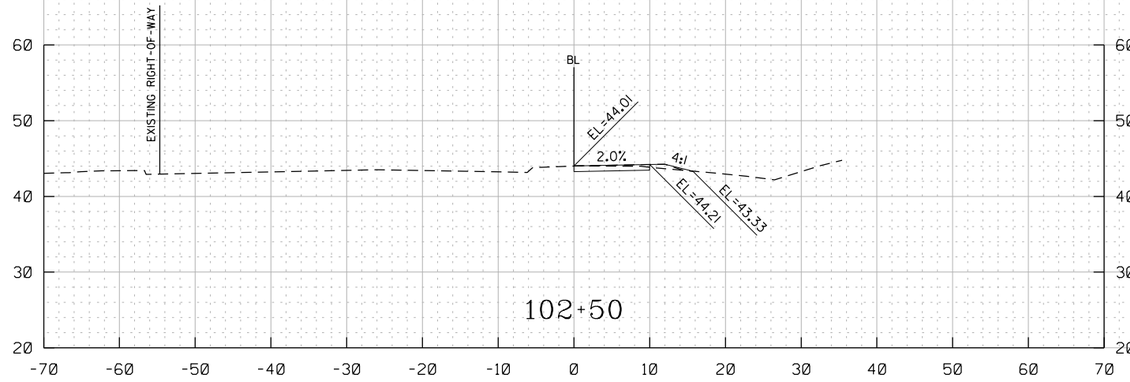
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	518	576

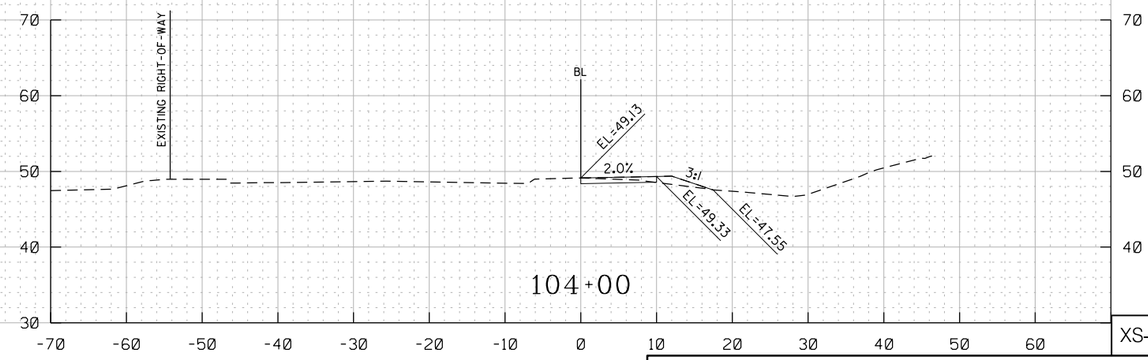












XS–23

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 102+50 TO STA 105+00

DIVISION CHIEF

DATE
FILE
SHEET 518 OF 576

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

NO	DESCRIPTION	NAME	DATE

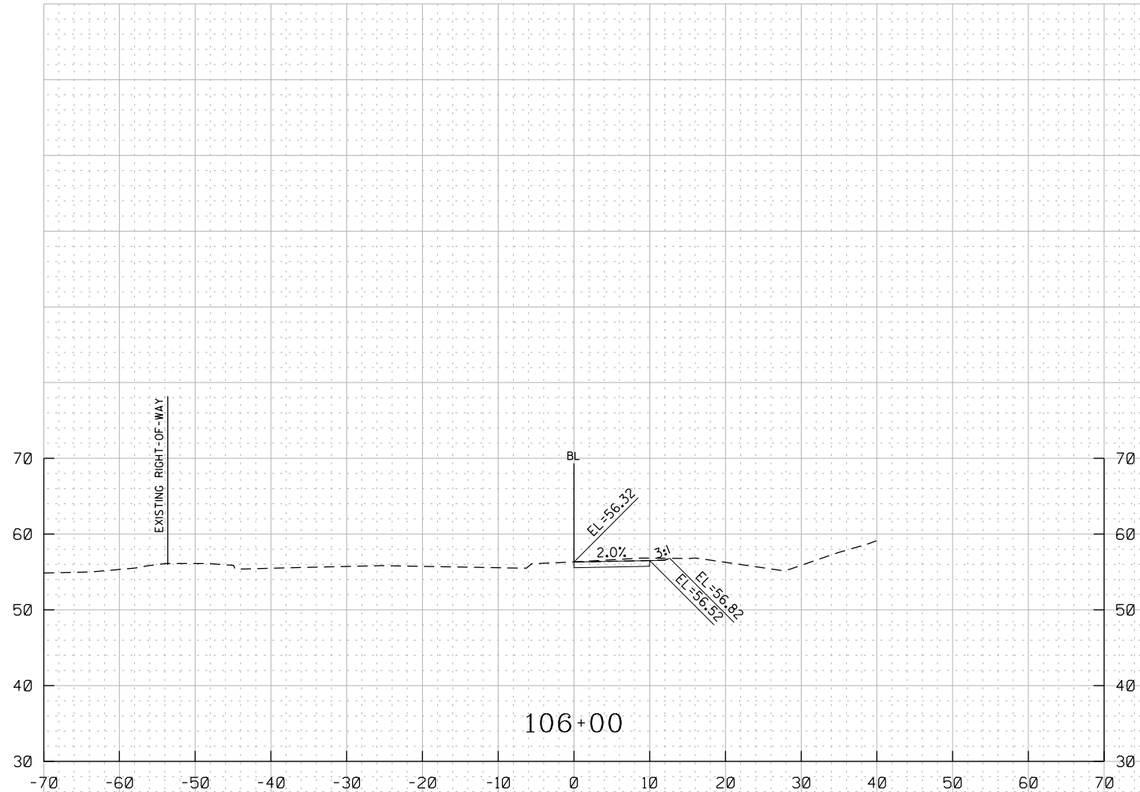
REVISIONS

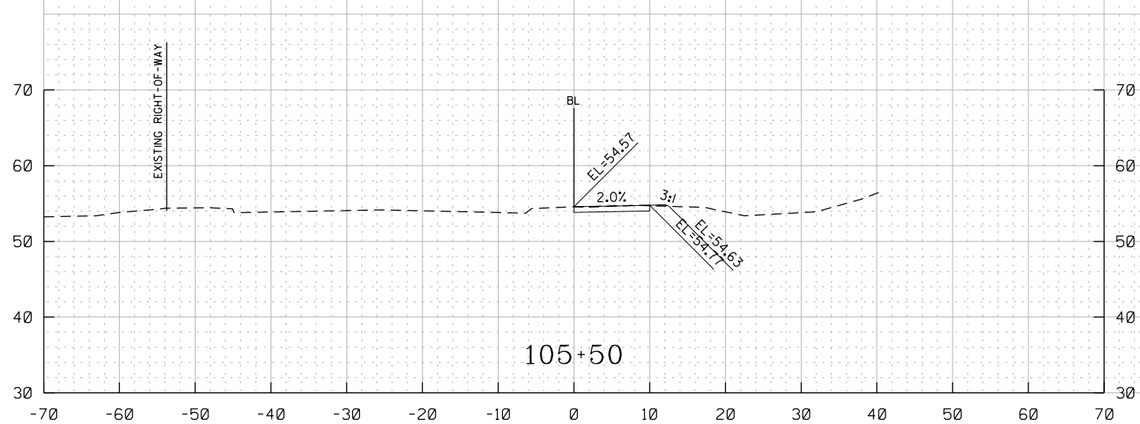
ch2m TOOLE DESIGN

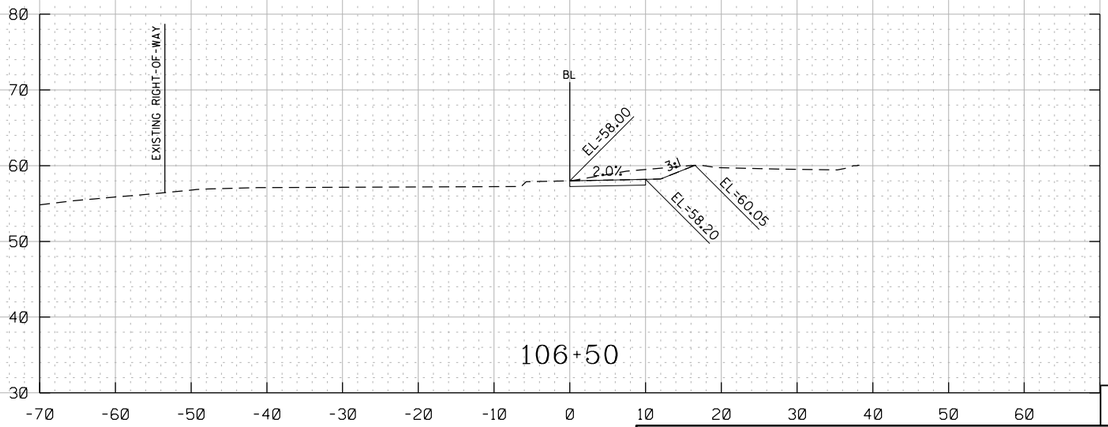
DISTRICT OF COLUMBIA
BRANDON D. SIMONS
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P04_Overlook1.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	519	576







XS-24

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 105+50 TO STA 106+50

DIVISION CHIEF

DATE

FILE

SHEET 519 OF 576

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

NO	DESCRIPTION	NAME	DATE

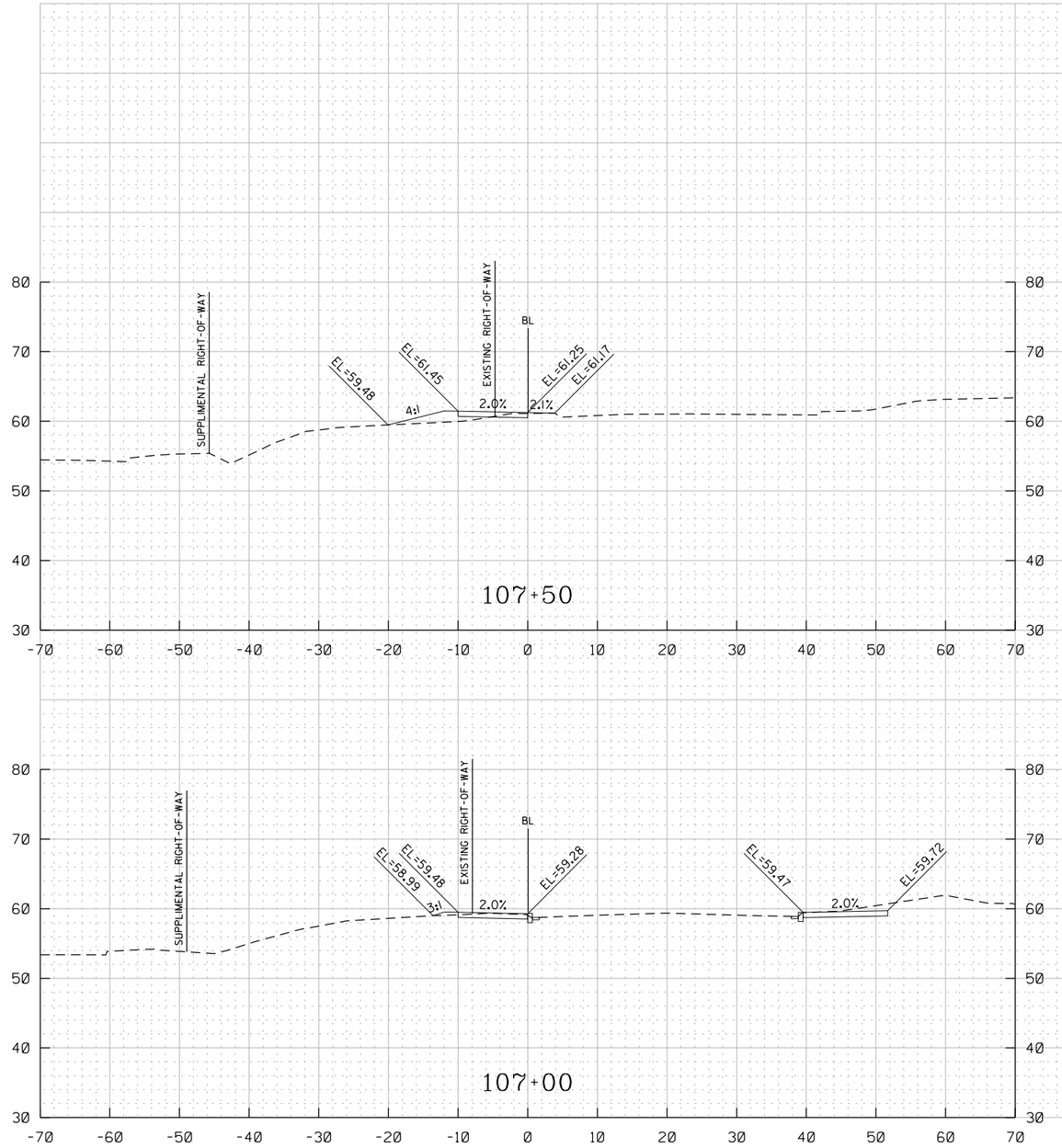
REVISIONS

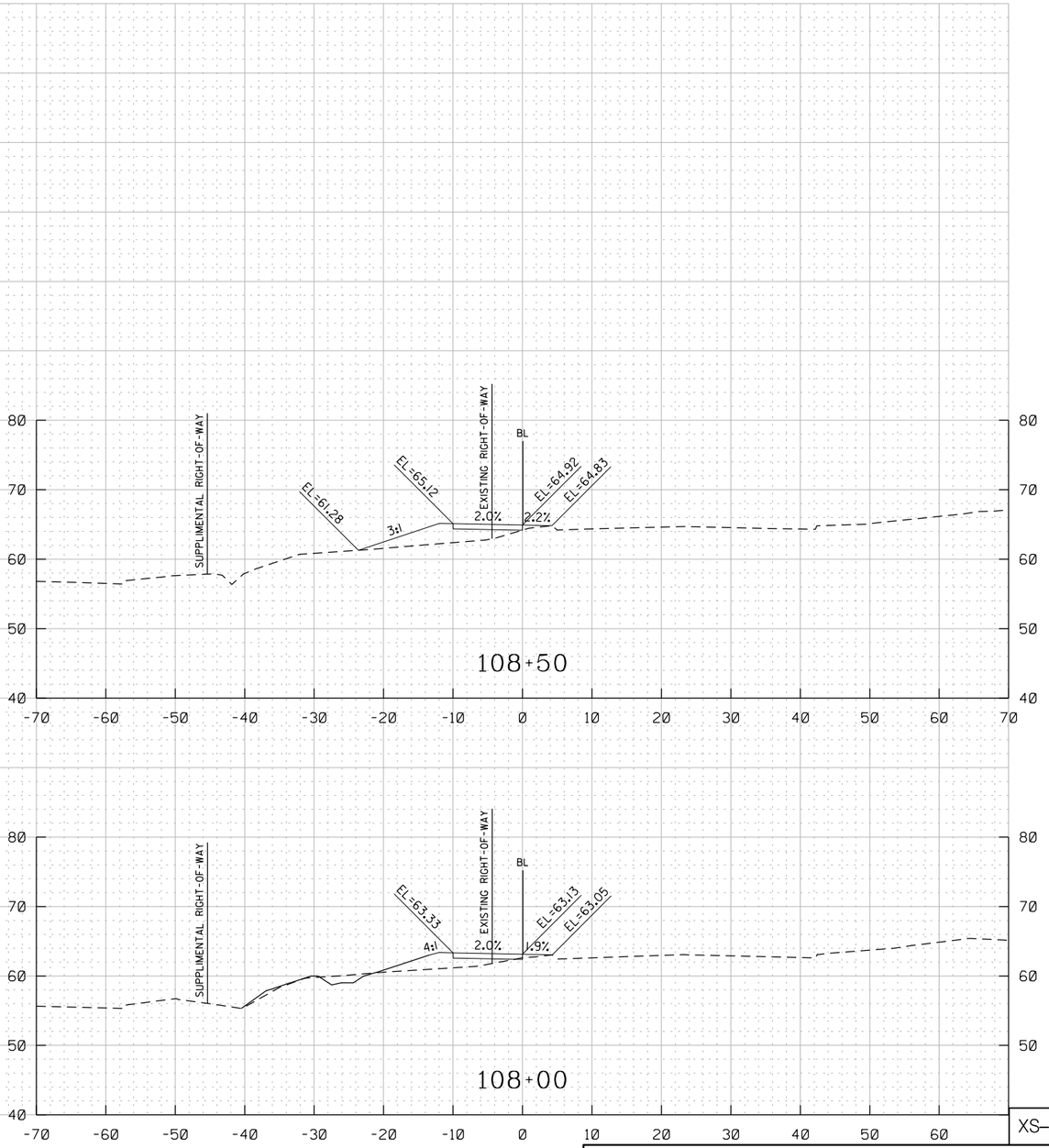
ch2m TOOLE DESIGN

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P04_Overlook1.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	520	576





XS-25

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 107+00 TO STA 108+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 520 OF 576

ch2m TOOLE DESIGN

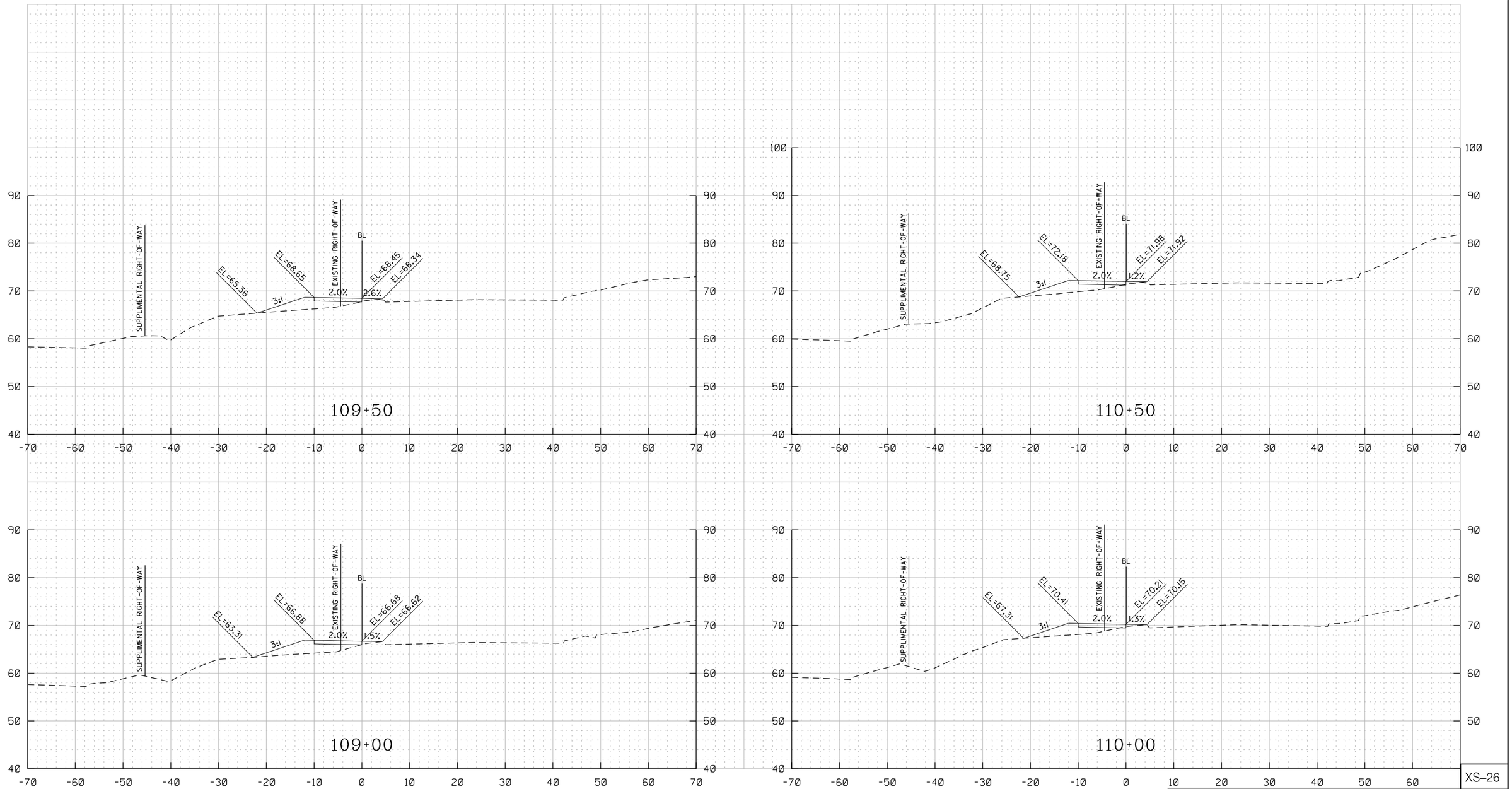
NO	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P05_Overlook2.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	521	576



XS-26

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 109+00 TO STA 110+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 521 OF 576

NO	DESCRIPTION	NAME	DATE

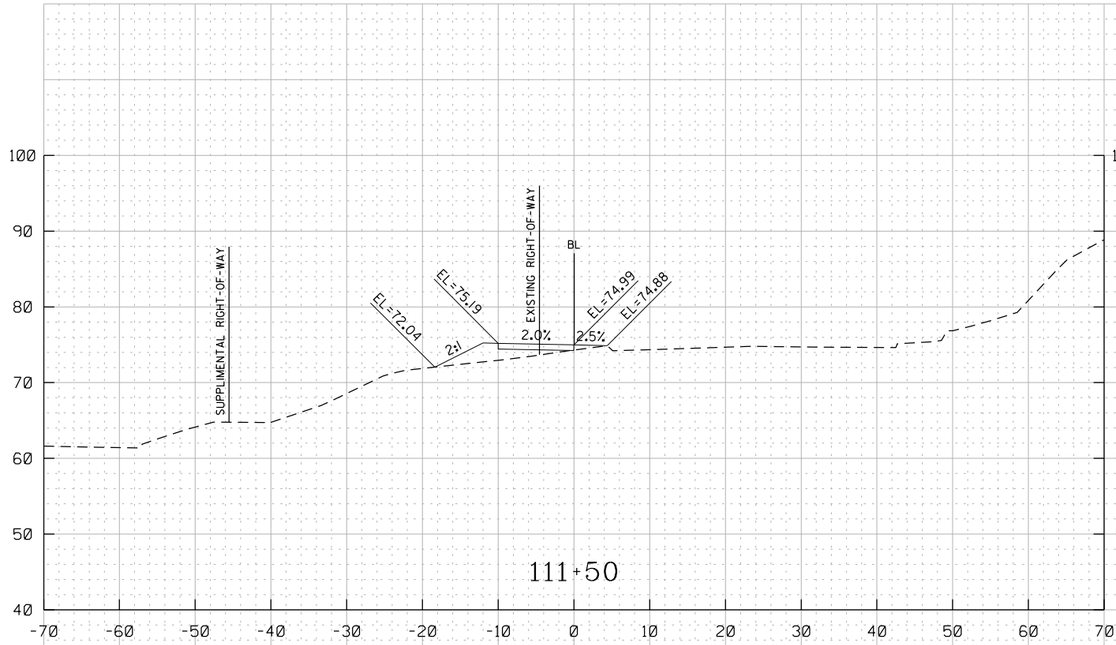
REVISIONS

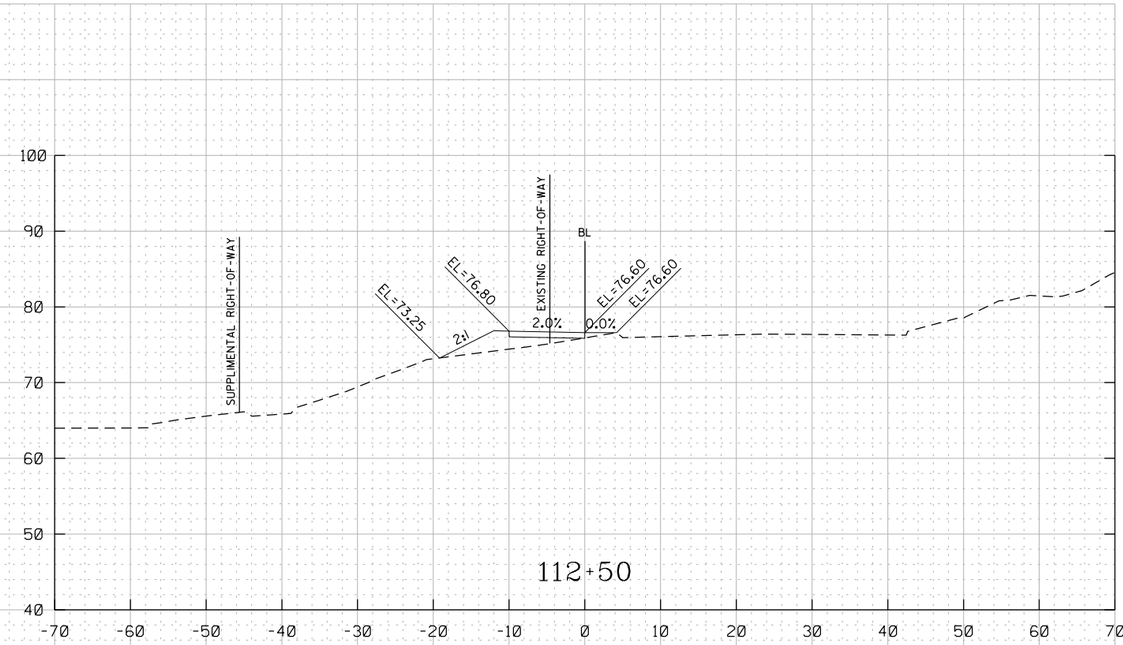
ch2m TOOLE DESIGN

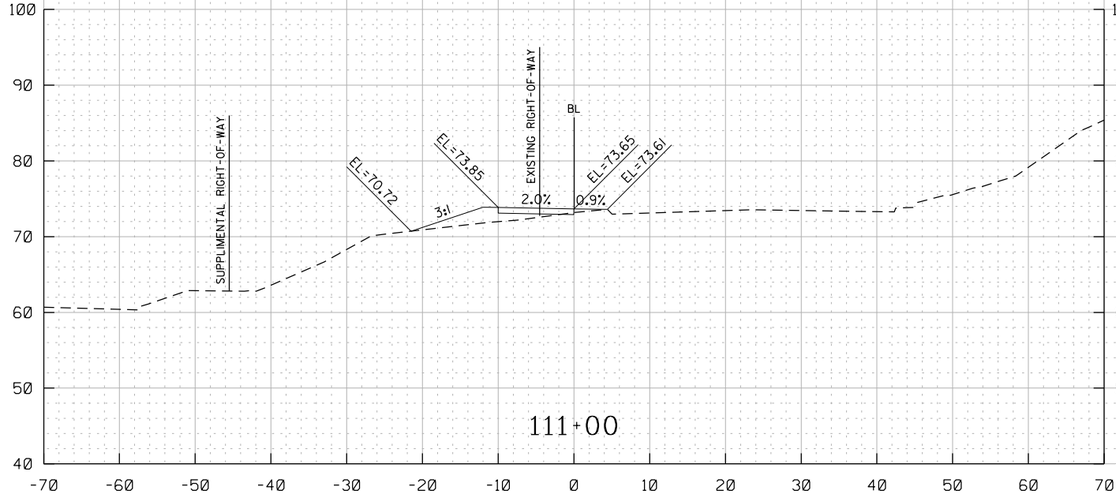
DISTRICT OF COLUMBIA
SHARON D. SHOWS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

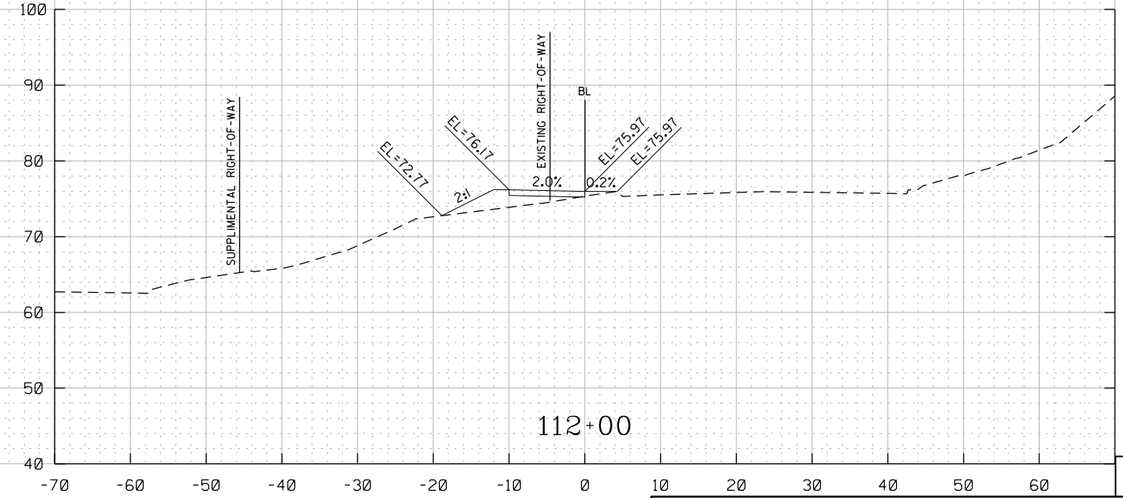
pXS-P05_Overlook2.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	522	576









XS-27

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

DIVISION CHIEF

DATE

FILE

SHEET 522 OF 576

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 111+00 TO STA 112+50

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m TOOLE DESIGN

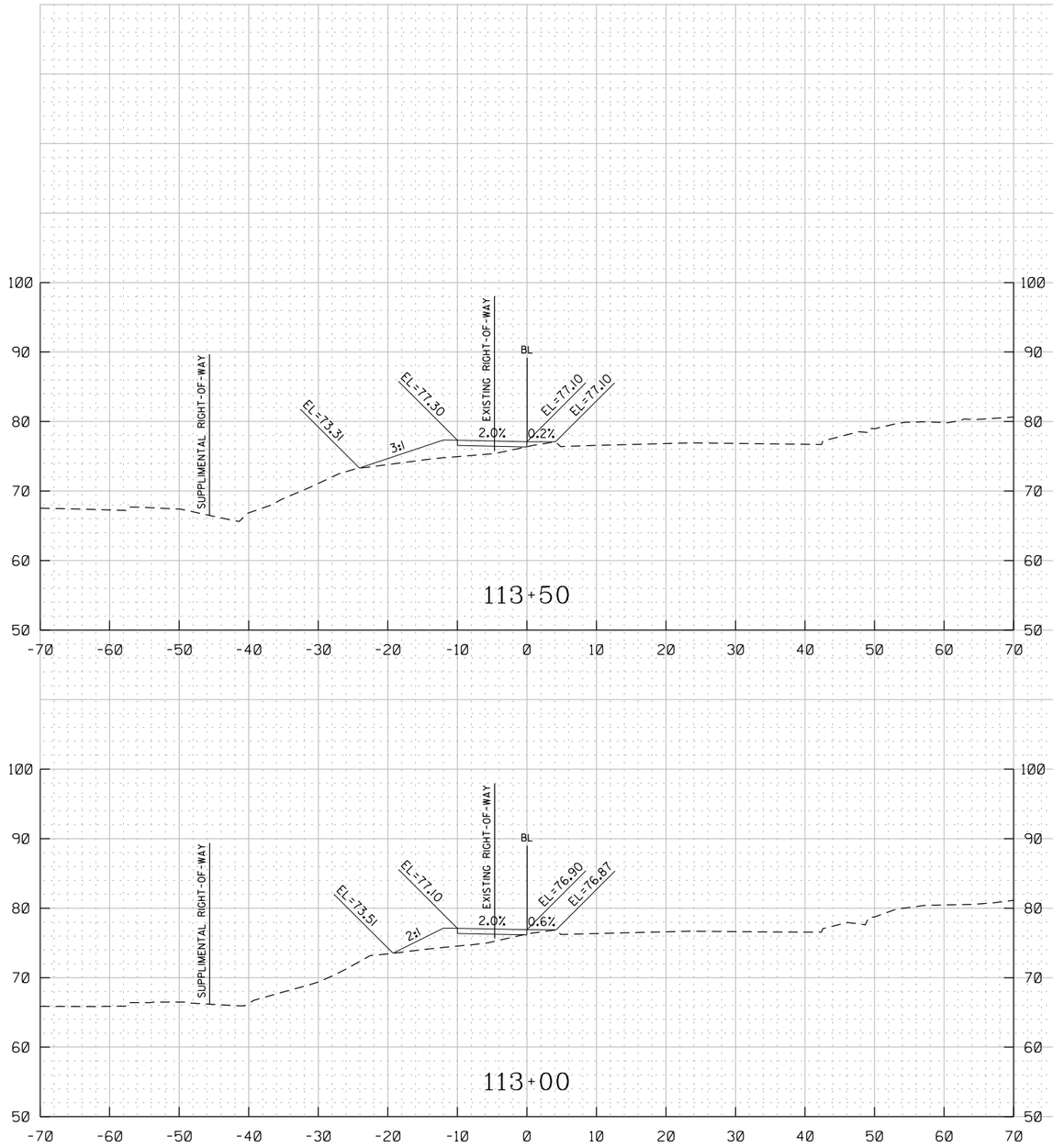
NO	DESCRIPTION	NAME	DATE

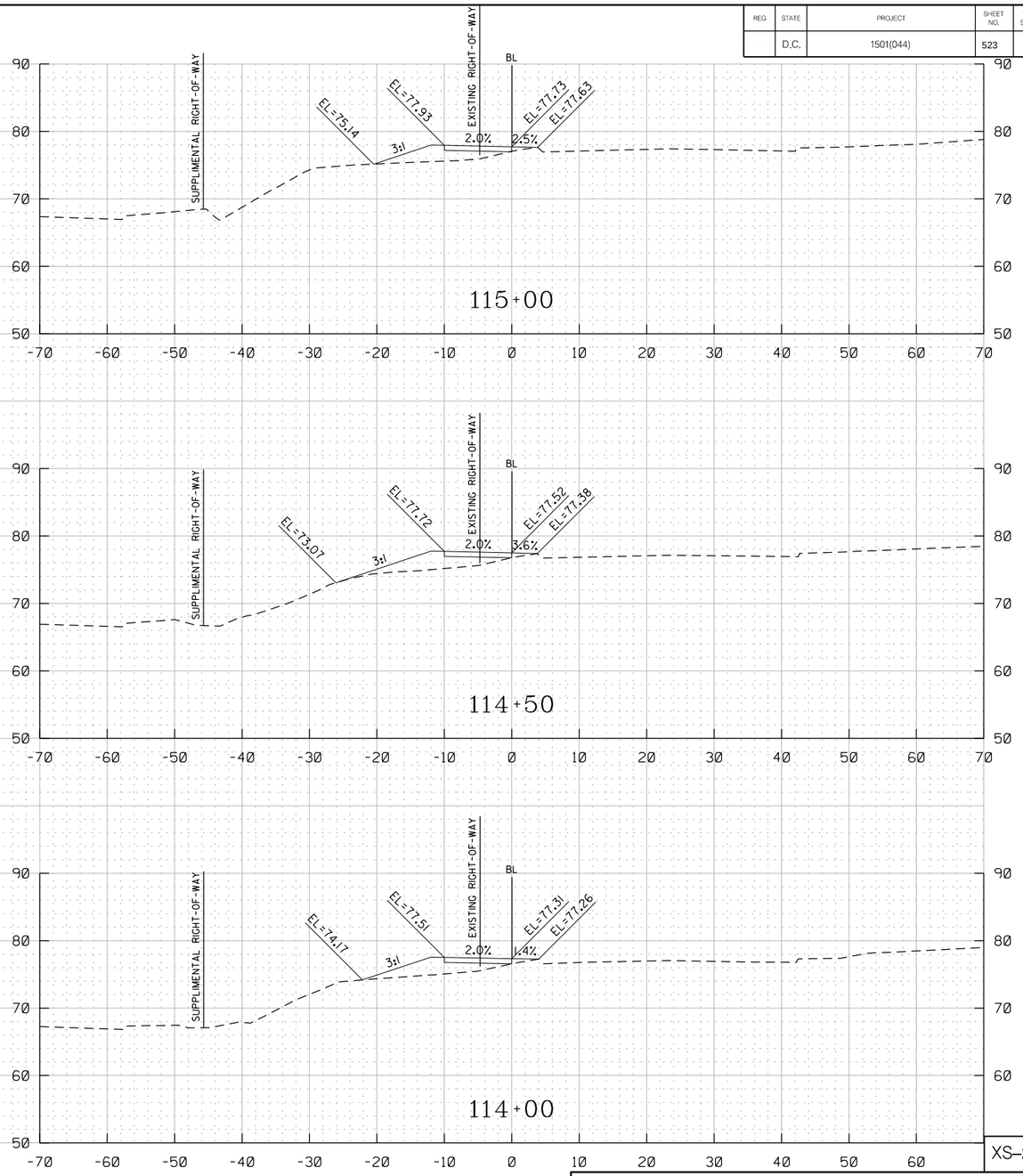
REVISIONS

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P05_Overlook2.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	523	576





XS-28

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 113+00 TO STA 115+00

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 523 OF 576

NO	DESCRIPTION	NAME	DATE

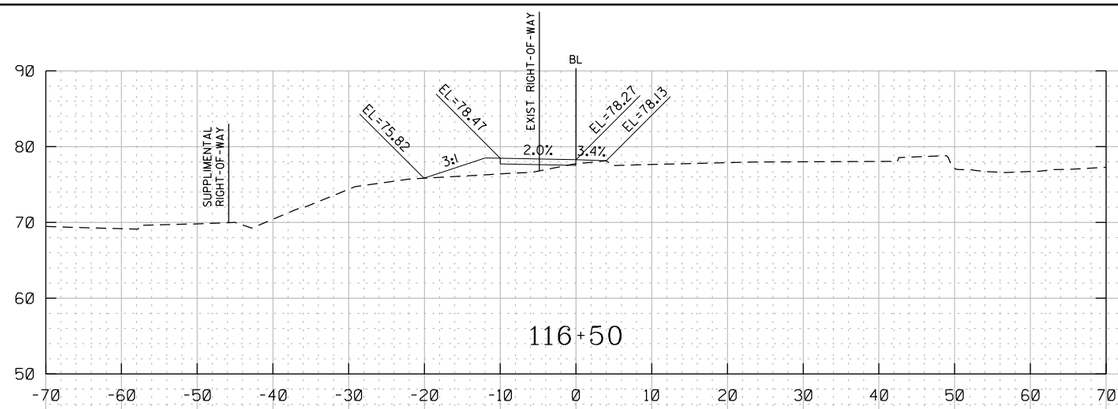
REVISIONS

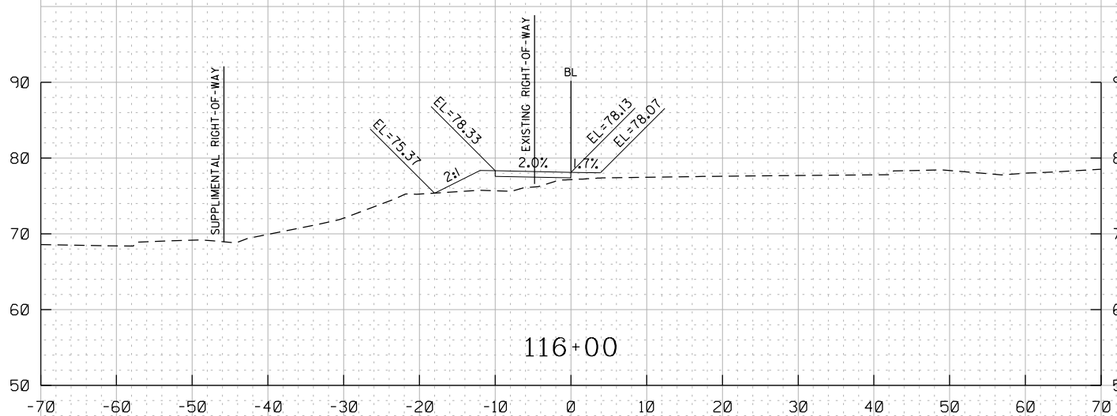
DISTRICT OF COLUMBIA
RAMLON O. SINGLETON
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

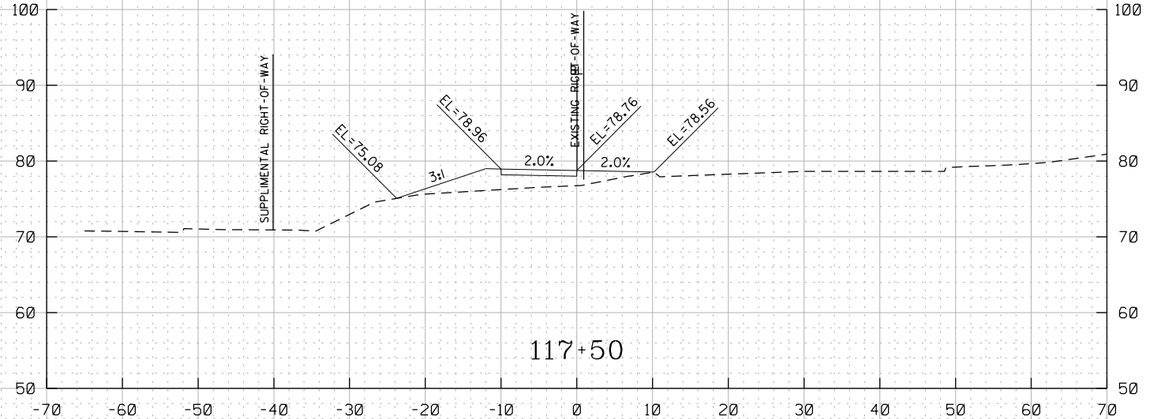
ch2m TOOLE DESIGN

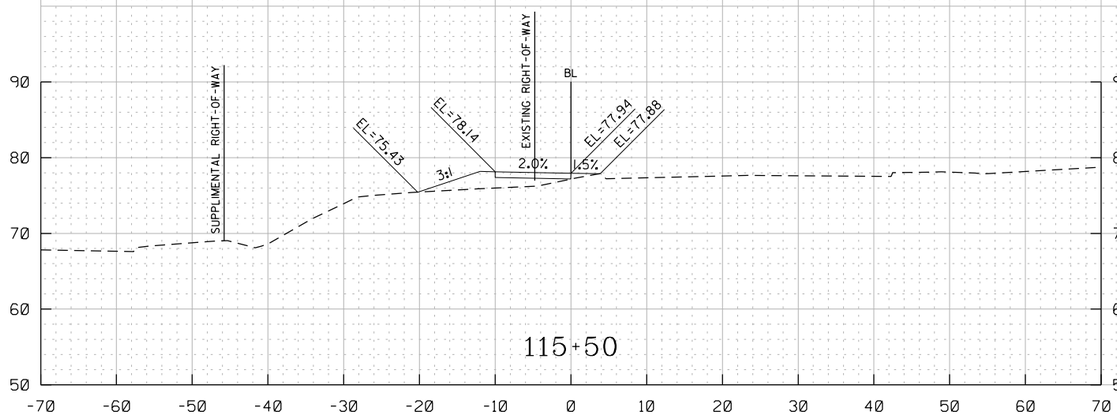
pXS-P05_Overlook2.dgn
8/8/2025

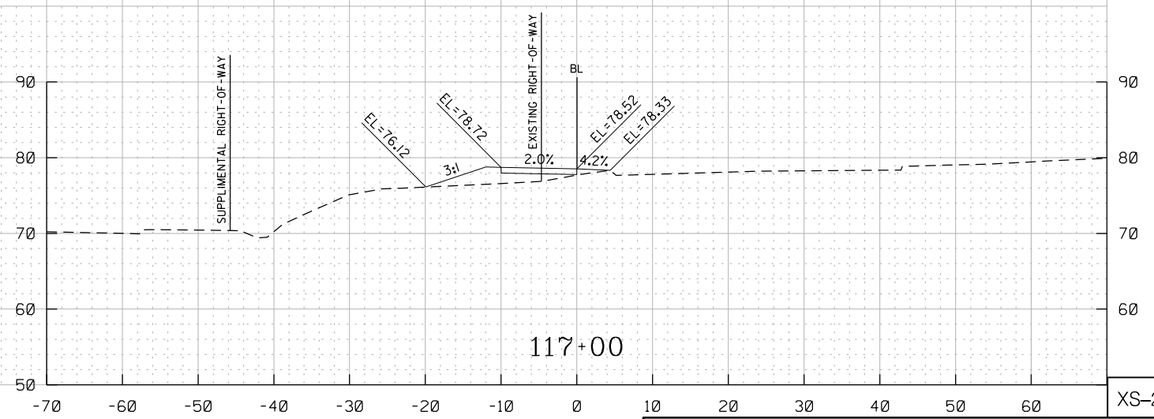
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	524	576











XS–29

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 115+50 TO STA 117+50

DIVISION CHIEF
DATE
FILE
SHEET 524 OF 576

NO	DESCRIPTION	NAME	DATE

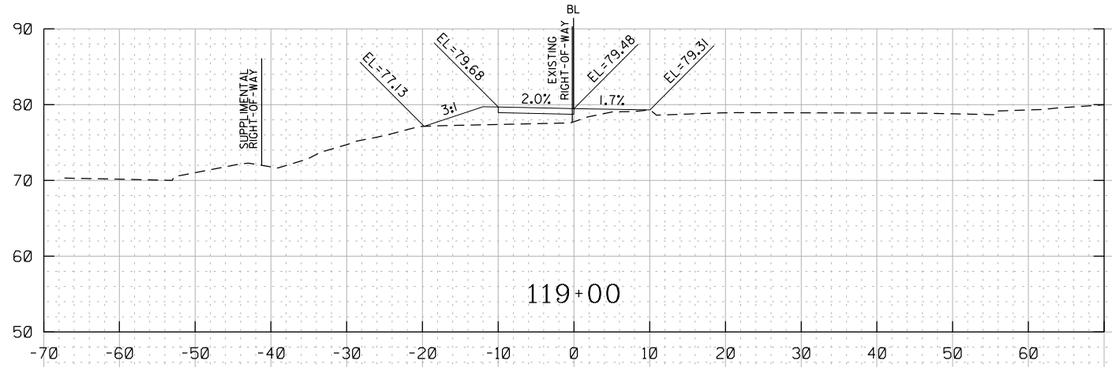
REVISIONS

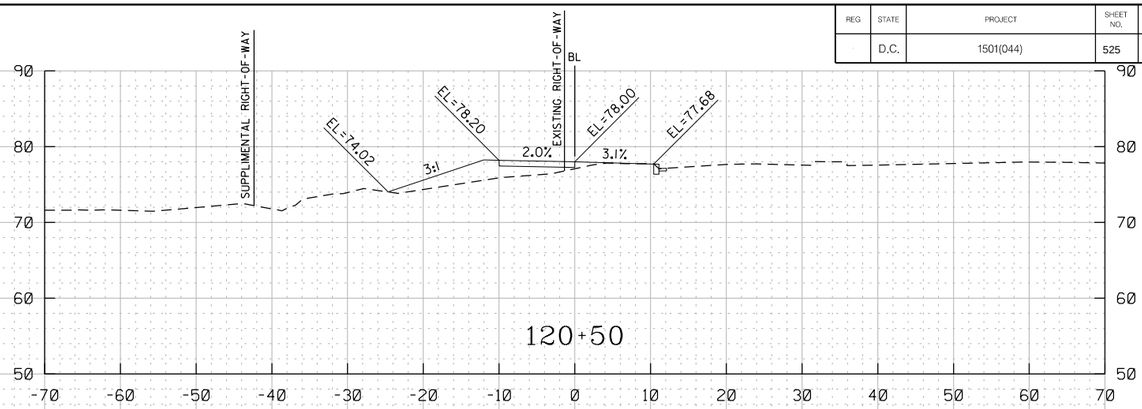
ch2m TOOLE DESIGN

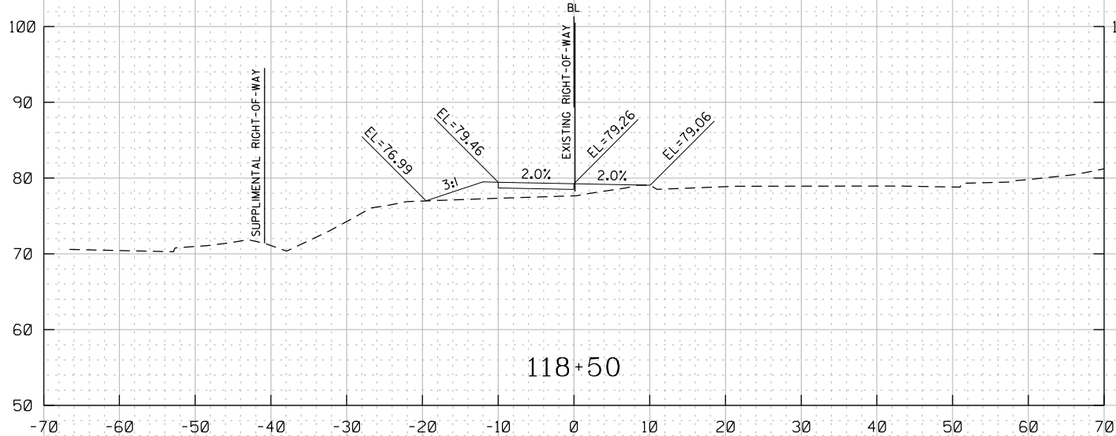
DISTRICT OF COLUMBIA
RAMLON O. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

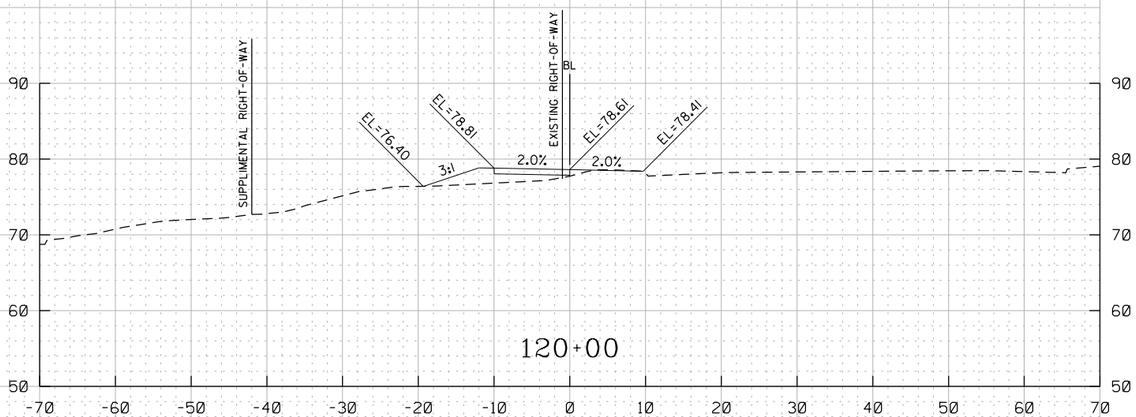
pXS-P05_Overlook2.dgn
8/8/2025

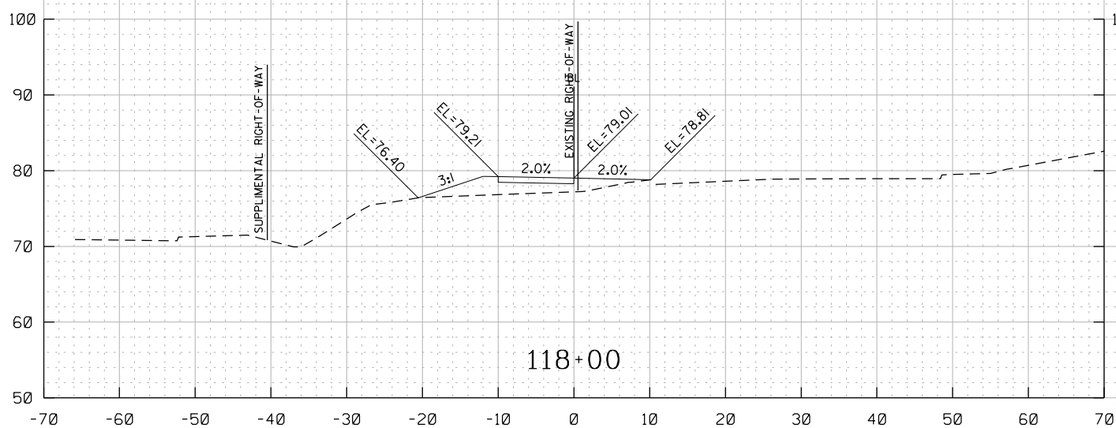
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	525	576

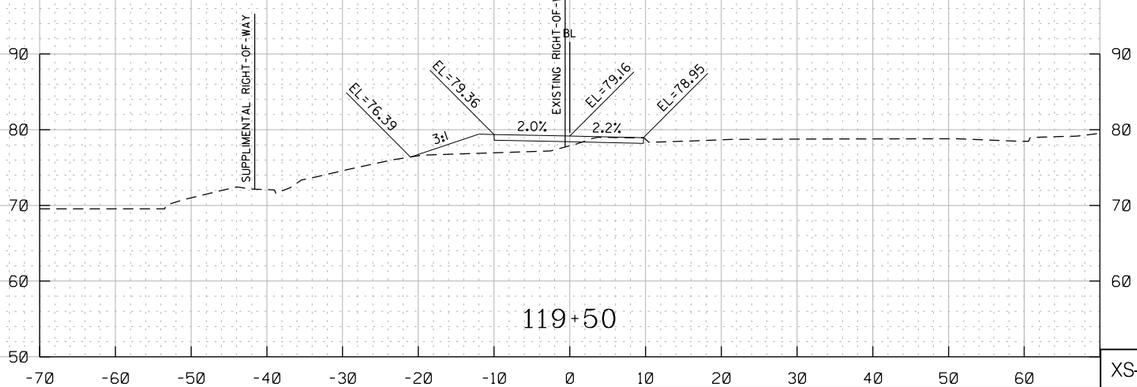












XS-30

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 118+00 TO STA 120+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 525 OF 576

NO	DESCRIPTION	NAME	DATE

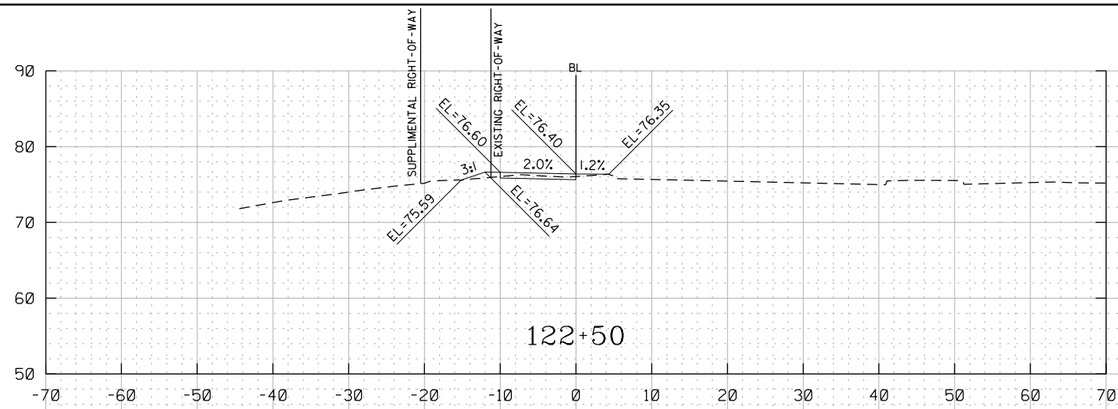
REVISIONS

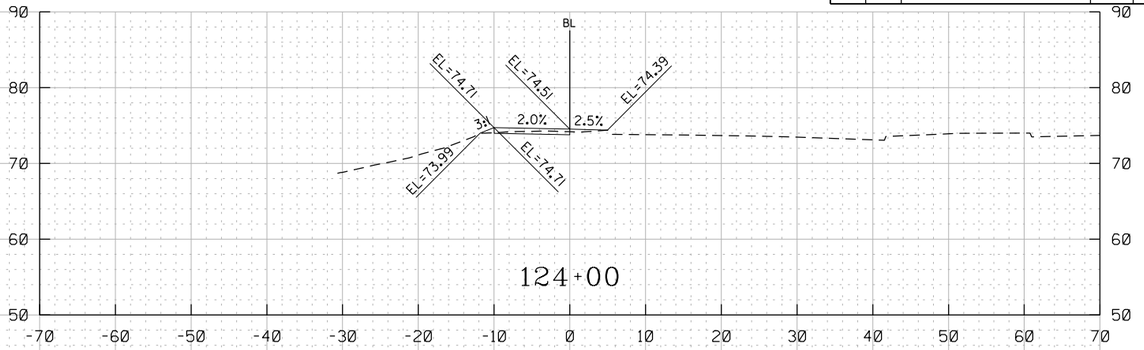
ch2m TOOLE DESIGN

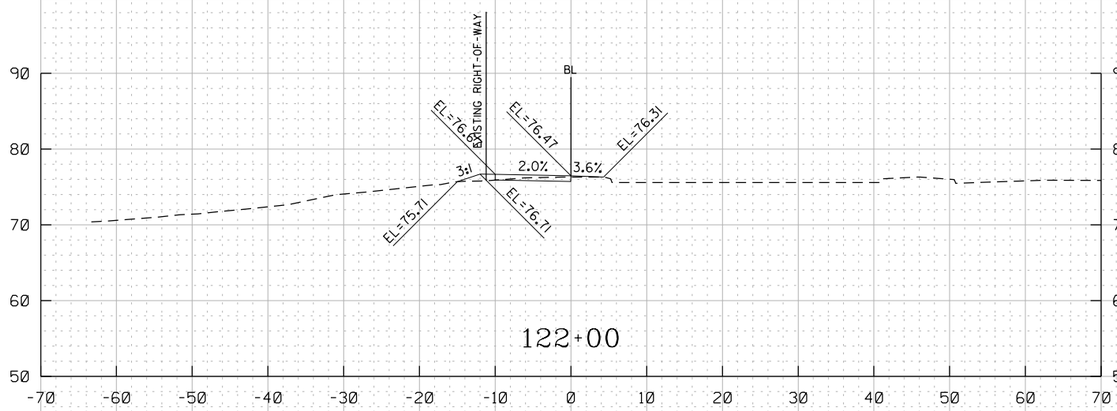
DISTRICT OF COLUMBIA
BRANDON D. SIMONS
NO. PE004760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

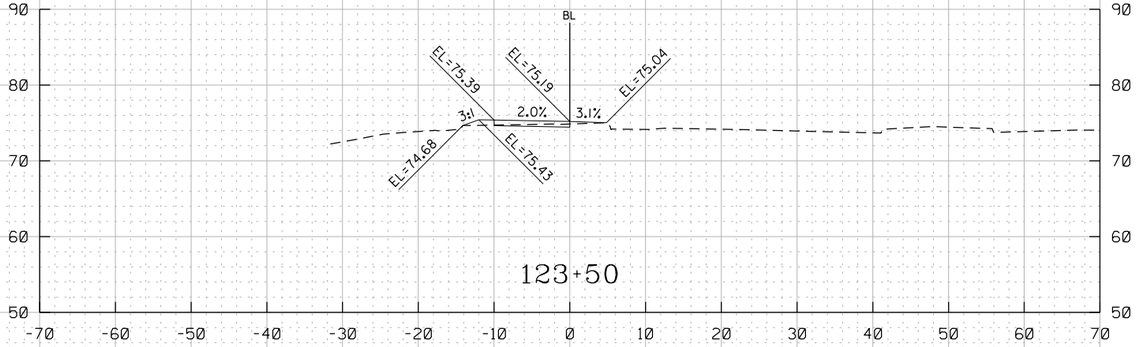
pXS-P05_Overlook2.dgn
8/8/2025

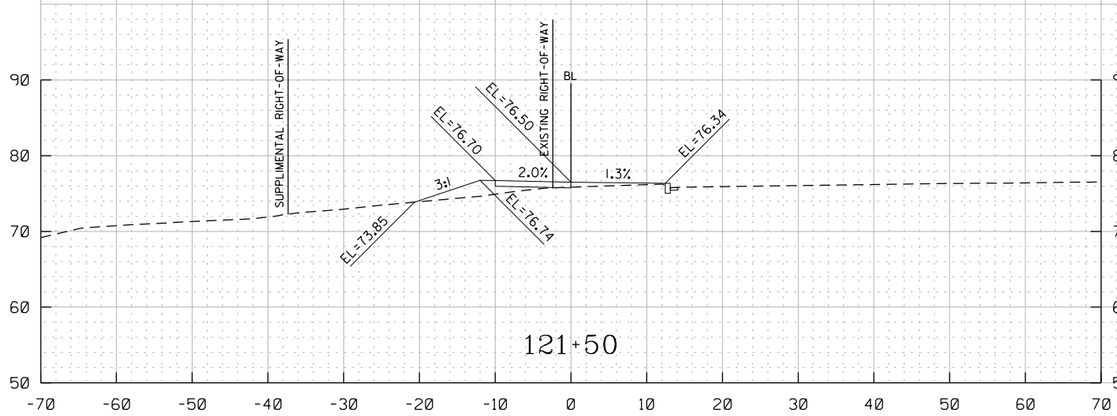
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	526	576

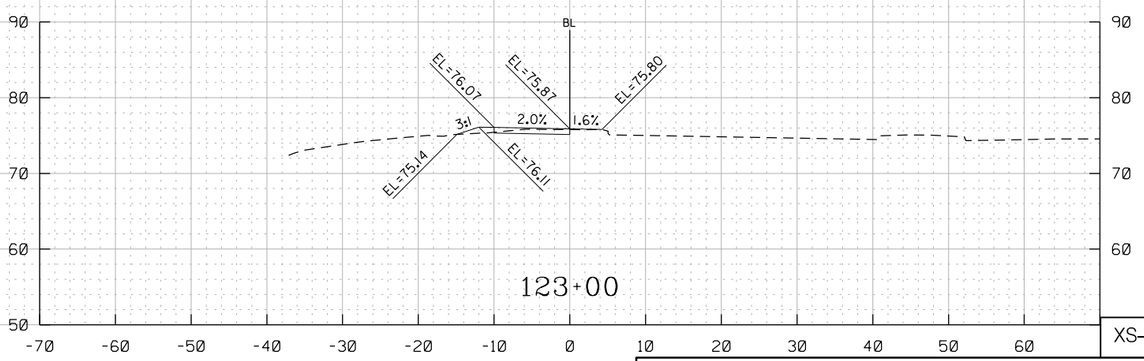












XS-31

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 121+50 TO STA 124+00

DIVISION CHIEF

DATE

FILE

SHEET 526 OF 576

NO	DESCRIPTION	NAME	DATE

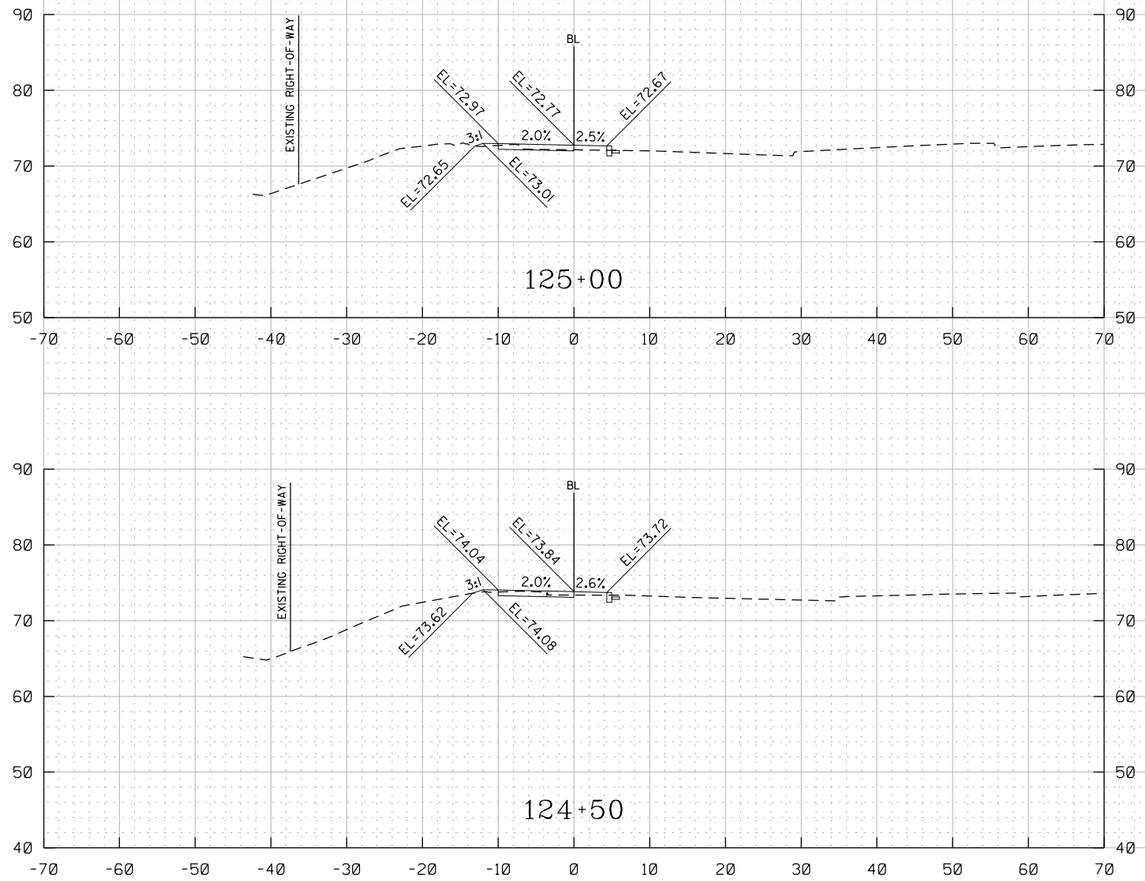
REVISIONS

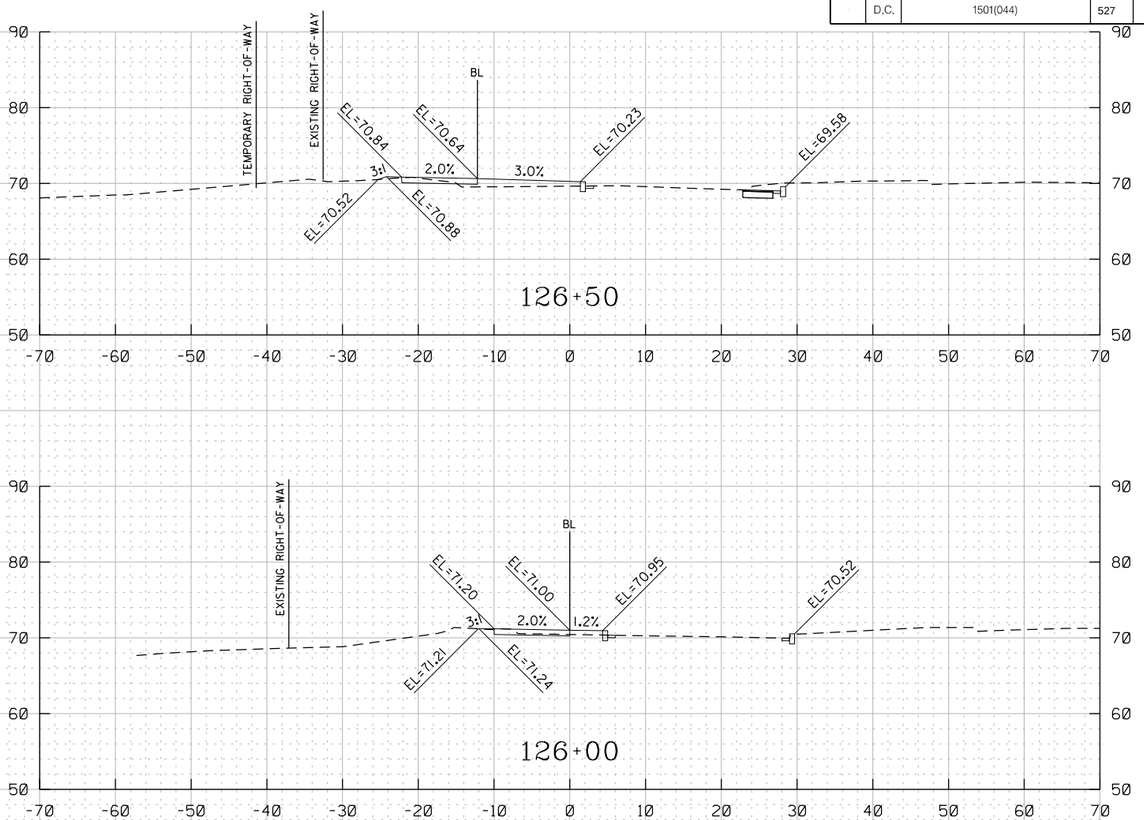
ch2m TOOLE DESIGN

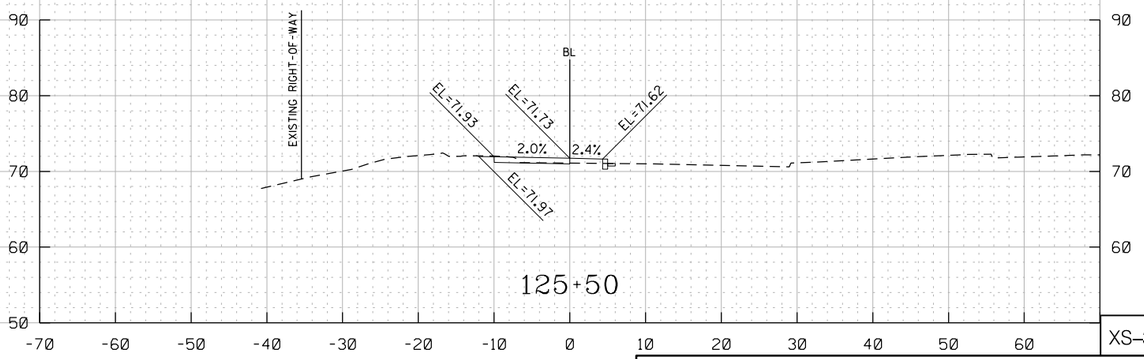
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P06.Overlook3.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	527	576







XS–32

pXS-P06.Overlook3.dgn
8/8/2025

DISTRICT OF COLUMBIA
SAMILON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 124+50 TO STA 126+50

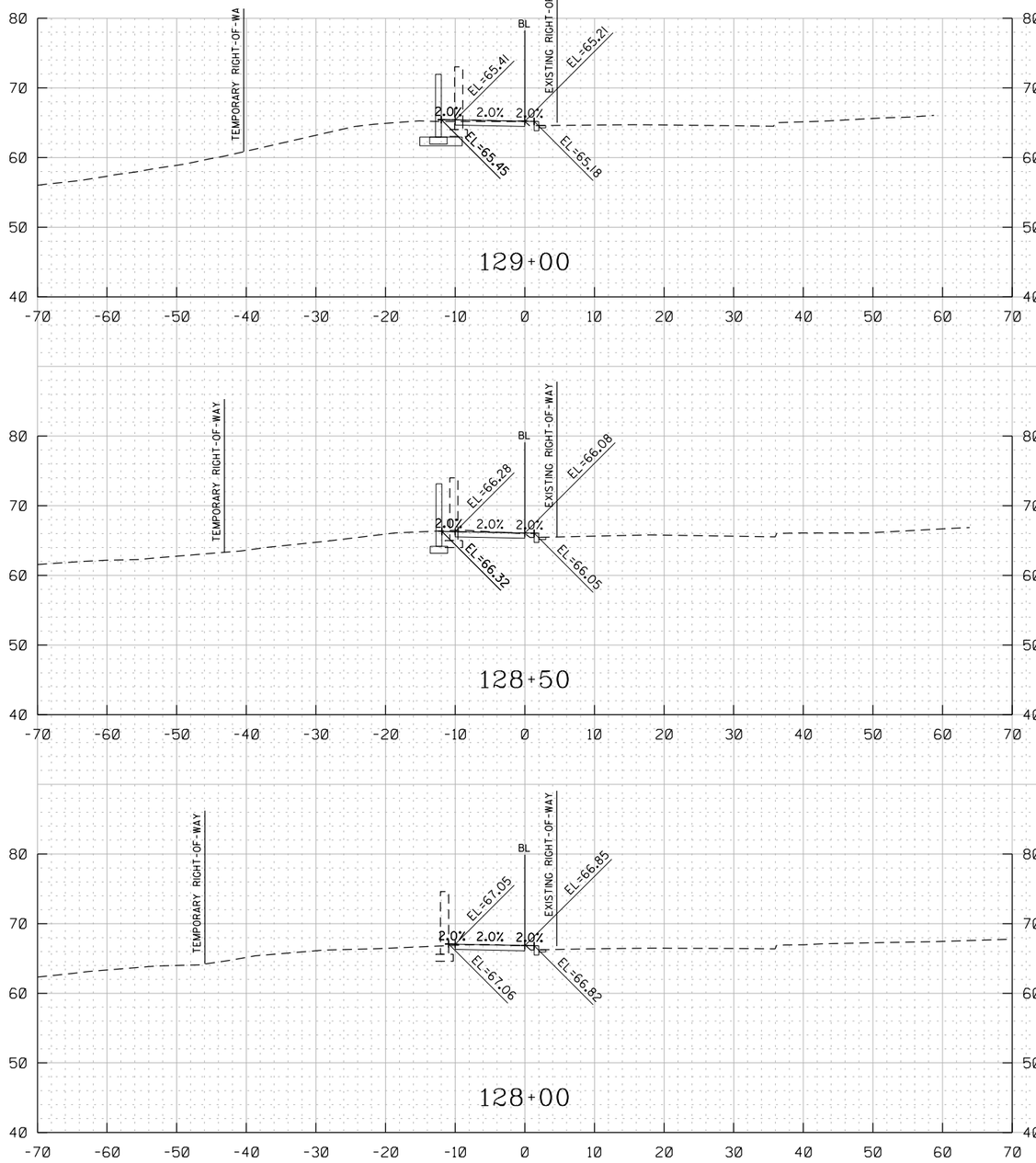
DIVISION CHIEF

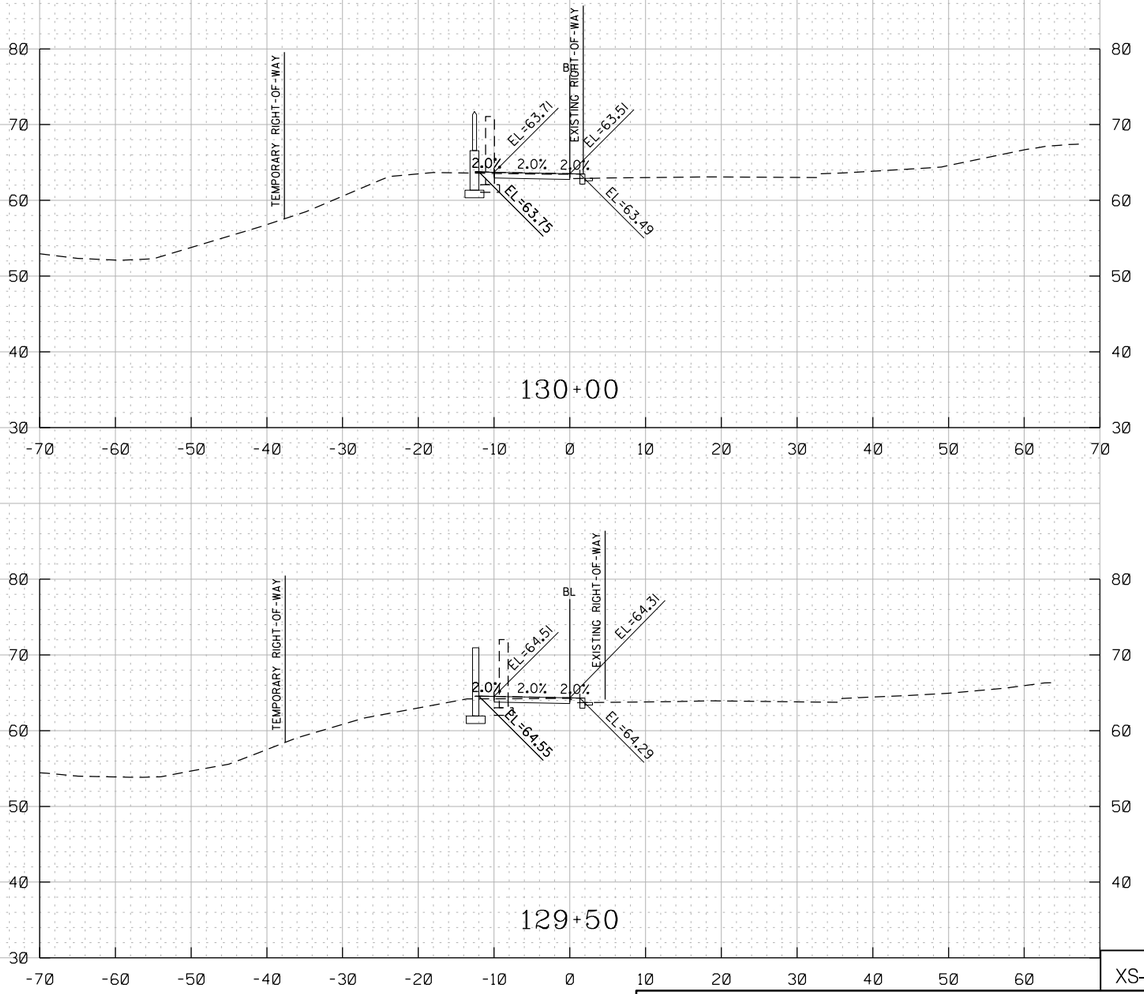
DATE

FILE

SHEET 527 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	528	576





XS-33

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 128+00 TO STA 130+00

DIVISION CHIEF
DATE
FILE
SHEET 528 OF 576

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

NO	DESCRIPTION	NAME	DATE

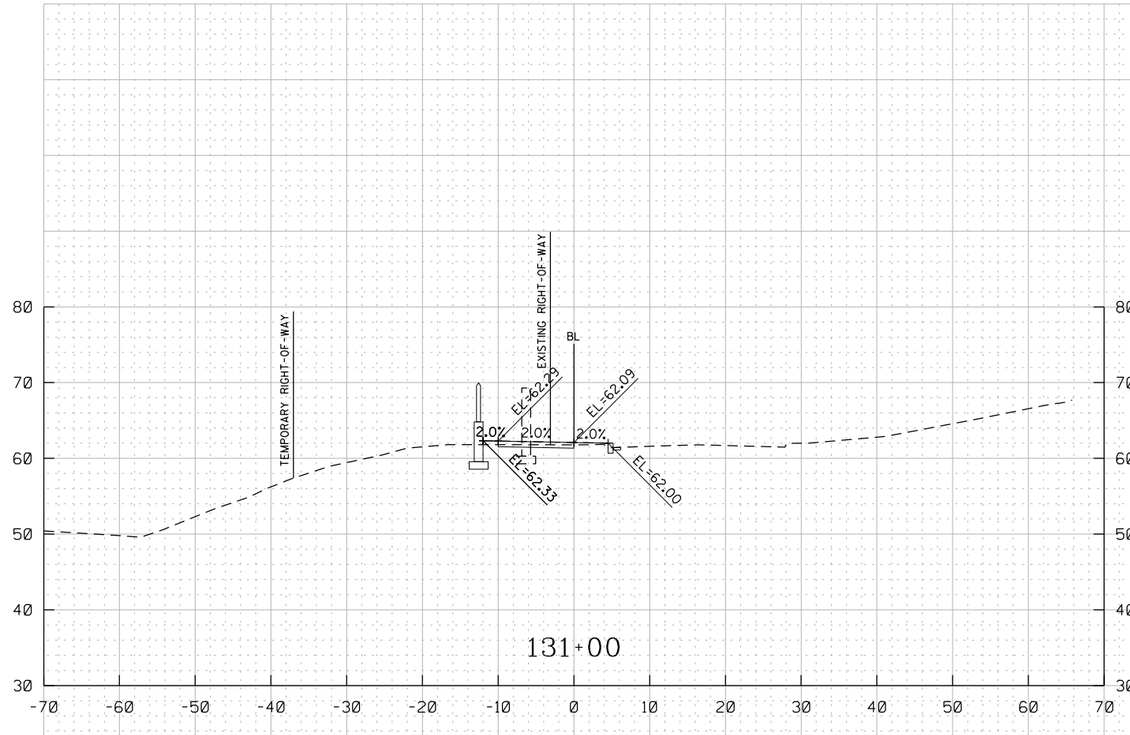
REVISIONS

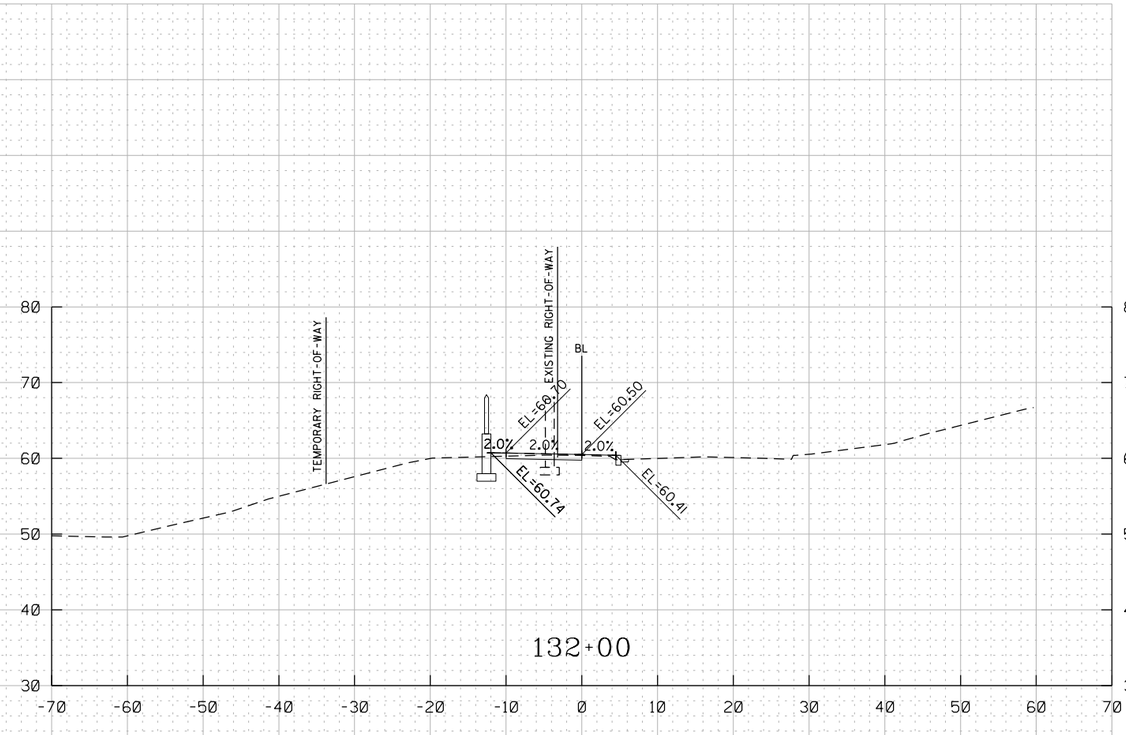
ch2m TOOLE DESIGN

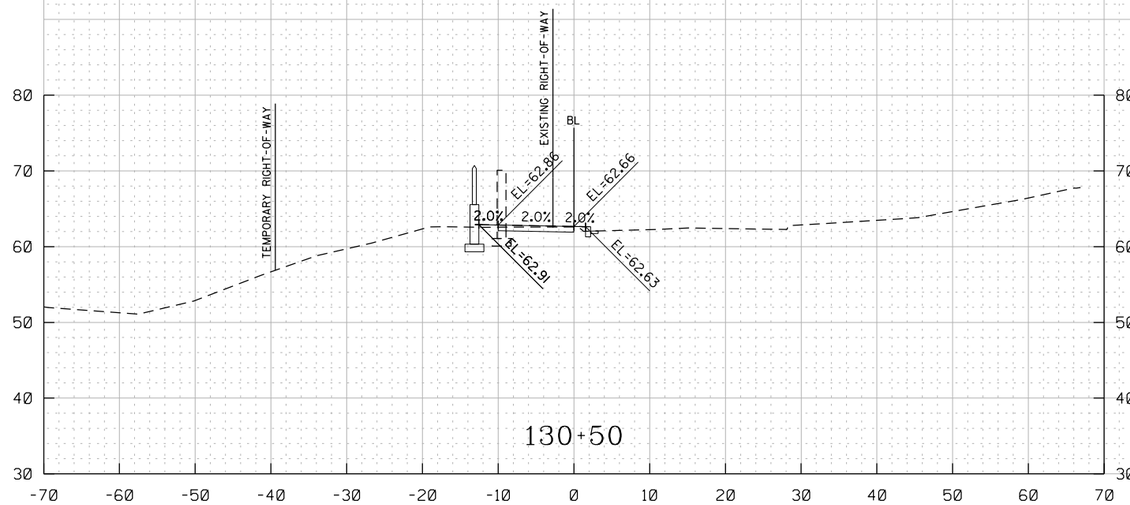
DISTRICT OF COLUMBIA
SHANLON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

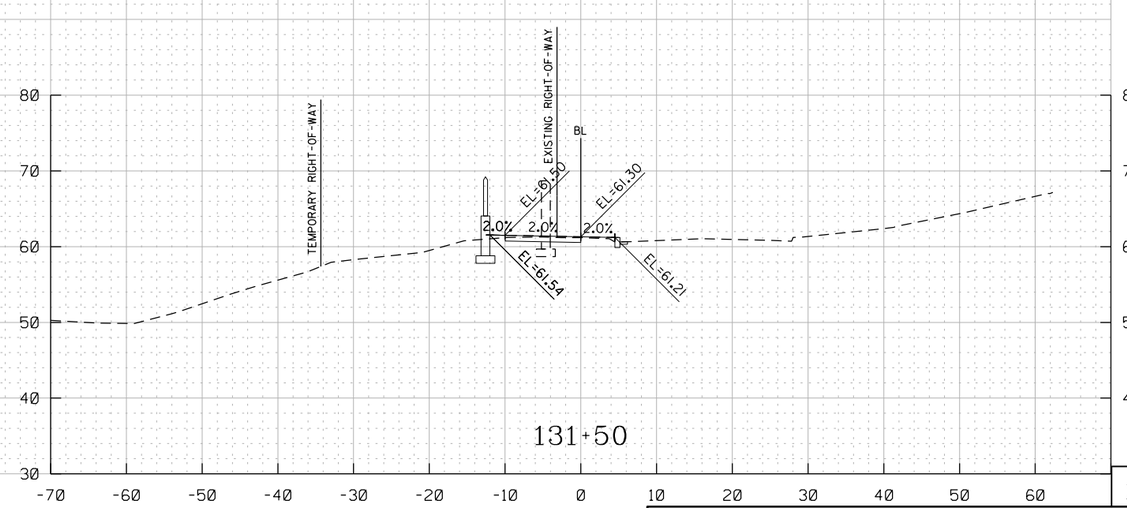
pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	529	576









XS-34

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

DISTRICT OF COLUMBIA
SHARILYN D. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 130+50 TO STA 132+00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

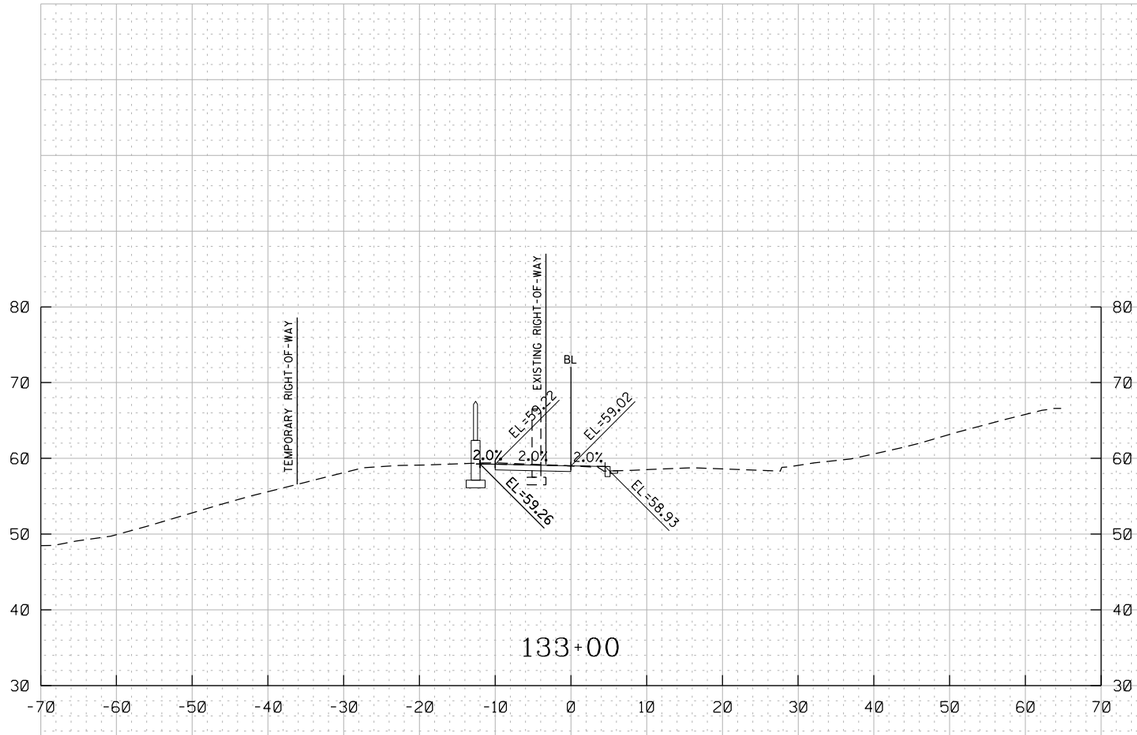
DATE

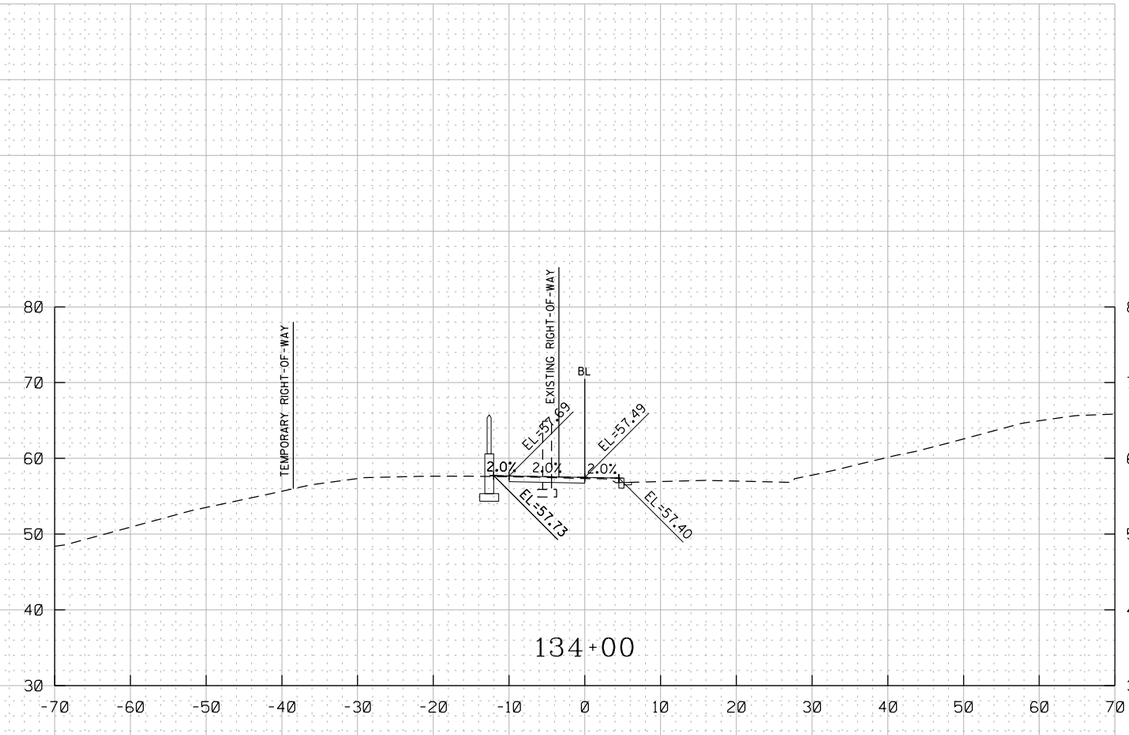
FILE

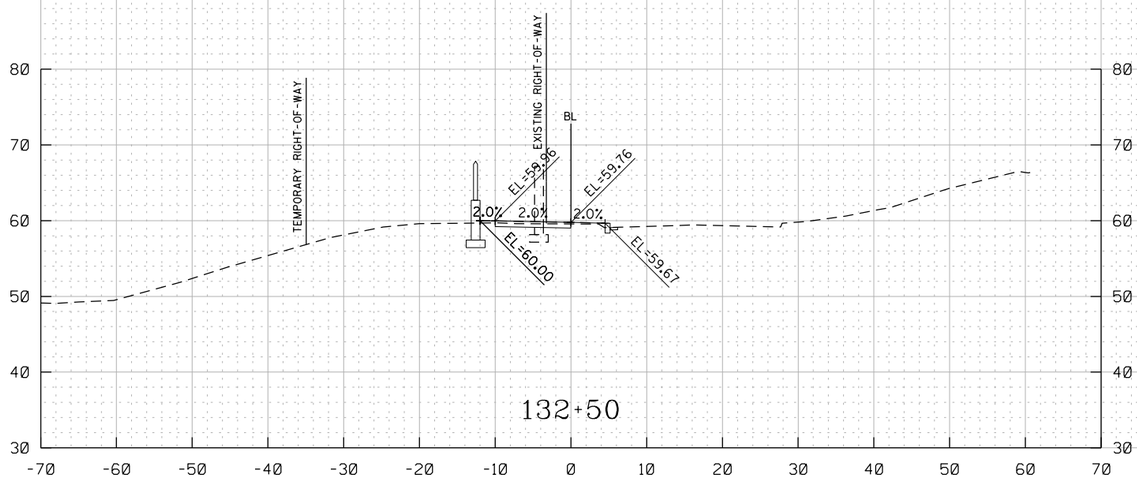
SHEET 529 OF 576

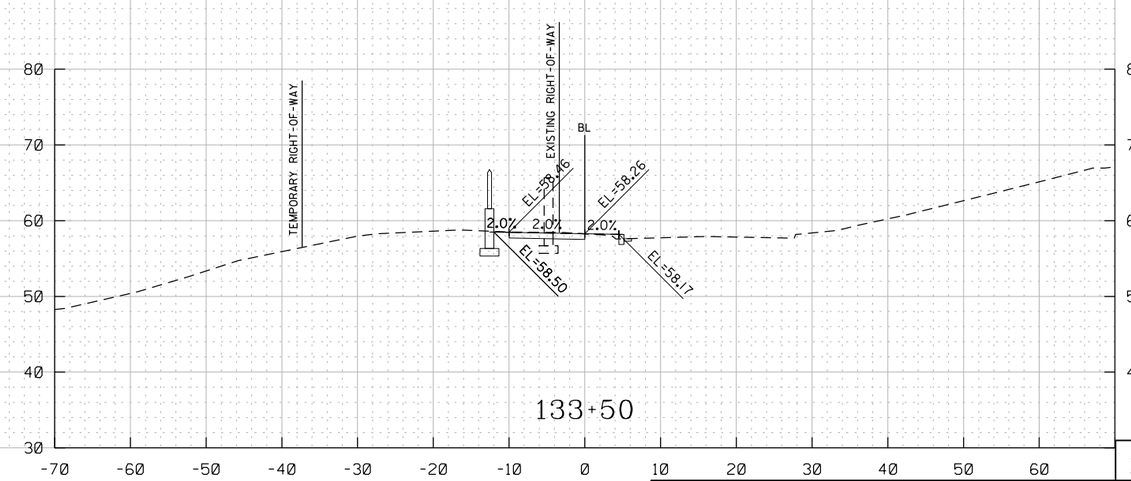
pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	530	576









XS-35

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 132+50 TO STA 134+00

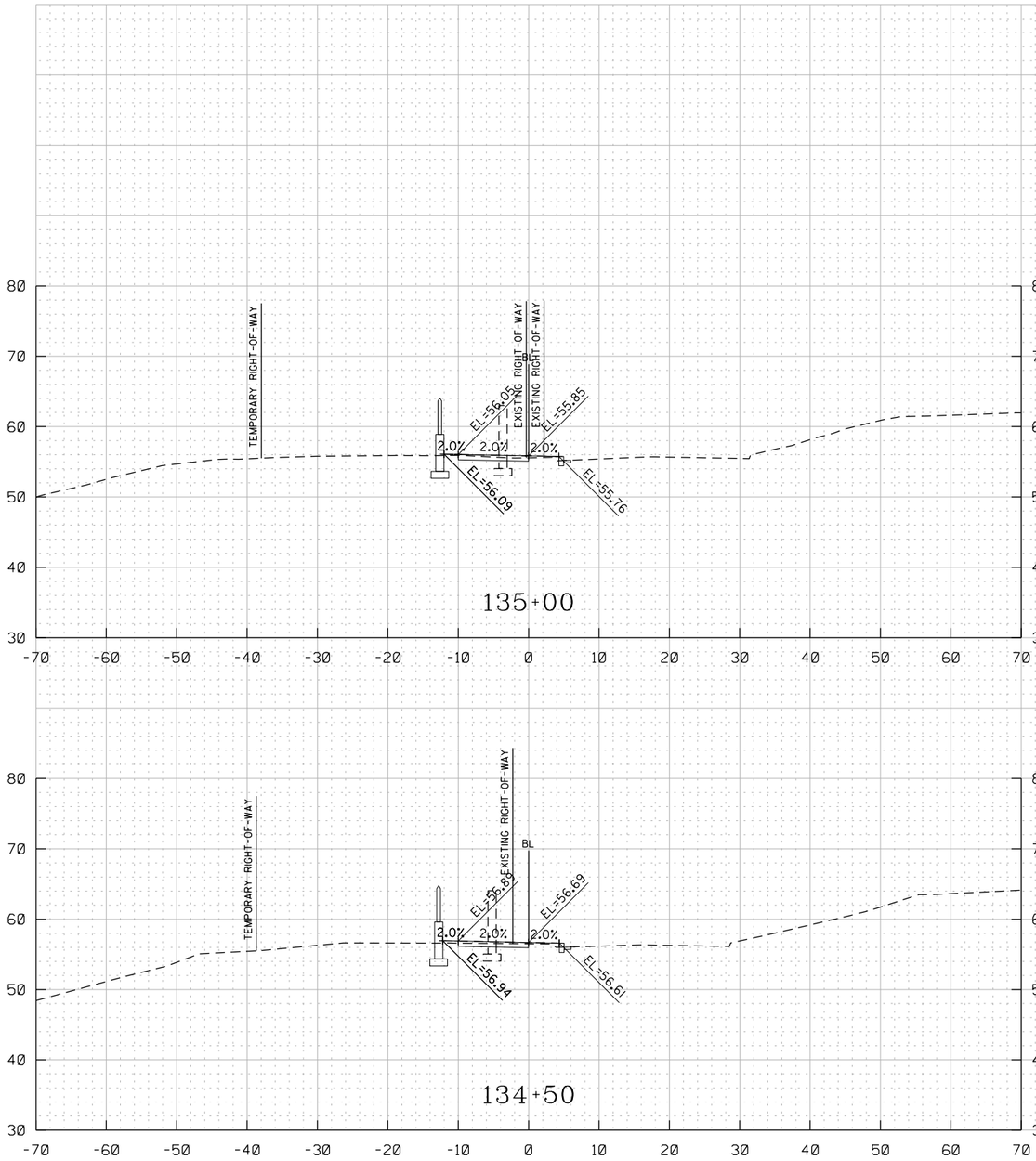
PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

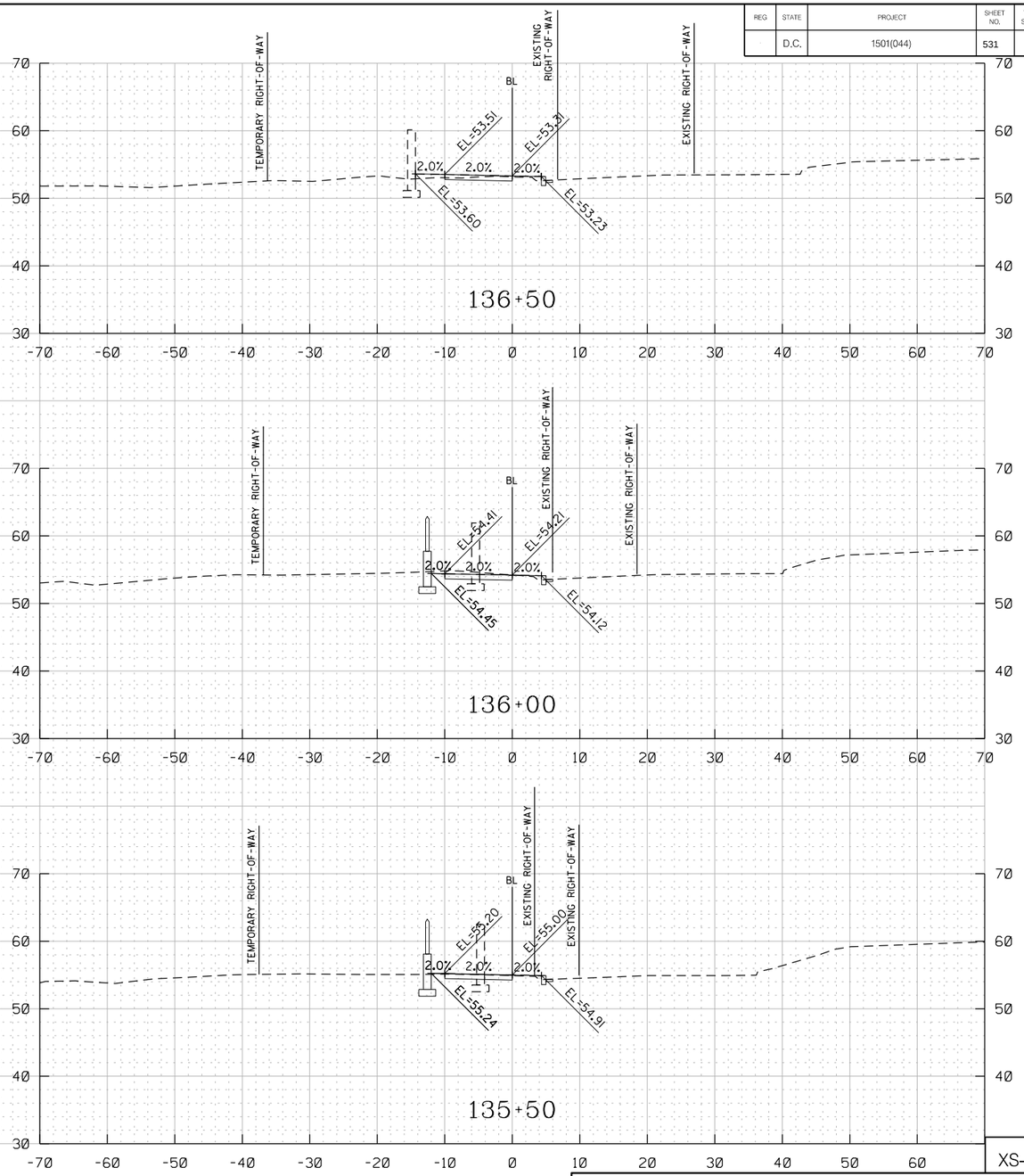
DIVISION CHIEF
DATE
FILE
SHEET 530 OF 576

DISTRICT OF COLUMBIA
SHARON D. SMOKE
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	531	576





XS-36

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

NO	DESCRIPTION	NAME	DATE

REVISIONS

ch2m TOOLE DESIGN

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

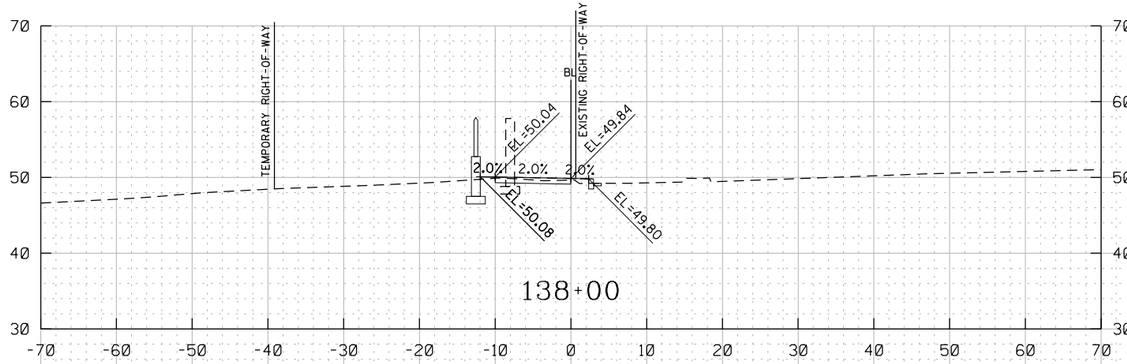
PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 134+50 TO STA 136+50

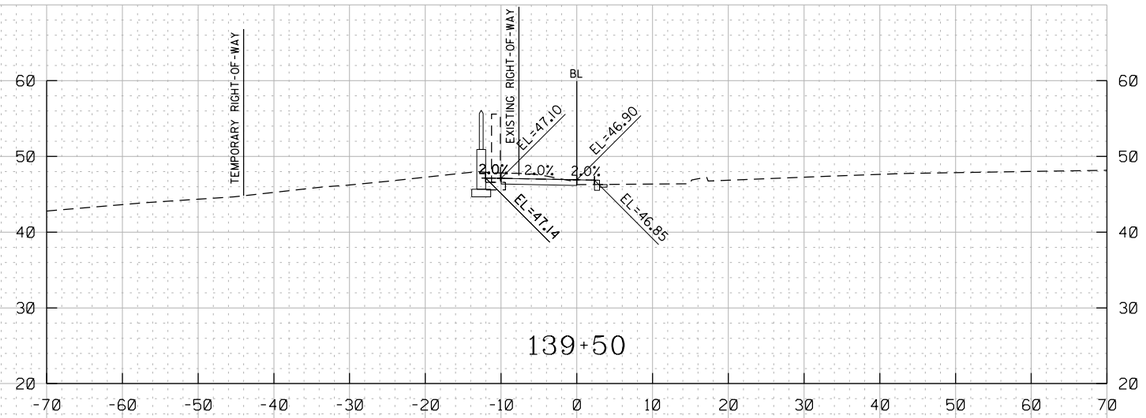
DIVISION CHIEF
DATE
FILE
SHEET 531 OF 576

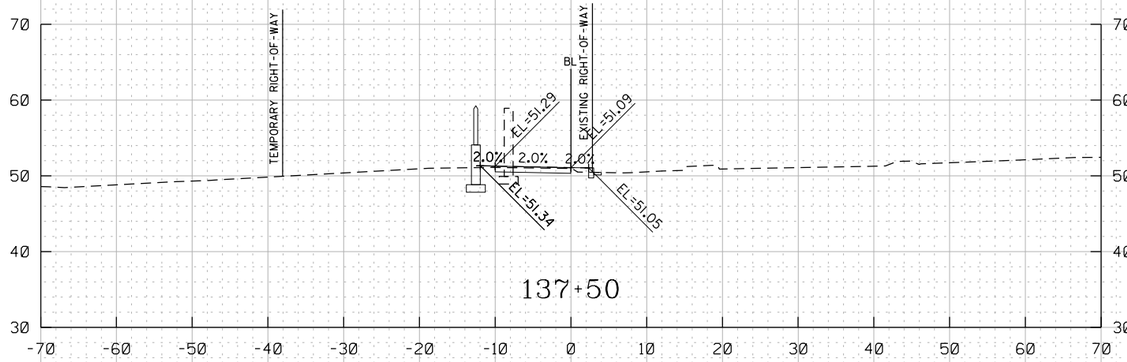
DISTRICT OF COLUMBIA
SHANLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

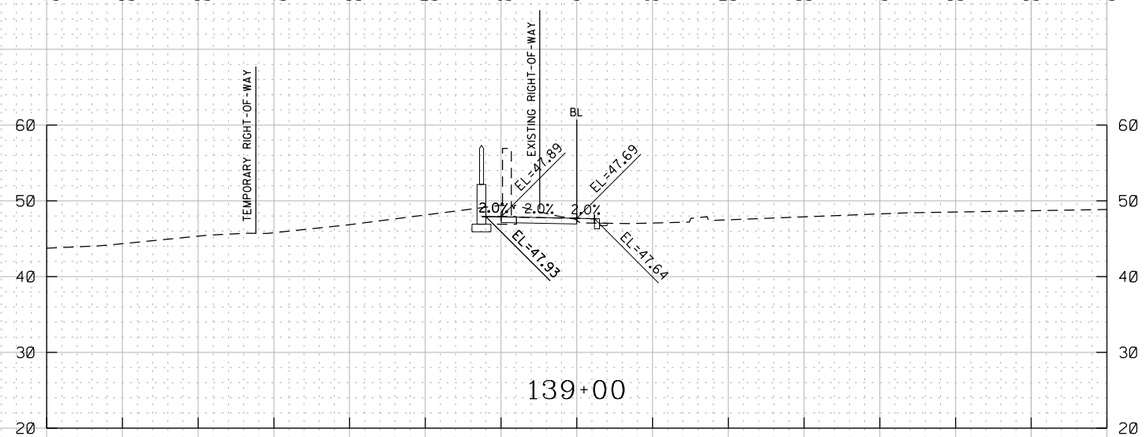
pXS-P07_Overlook4.dgn
8/8/2025

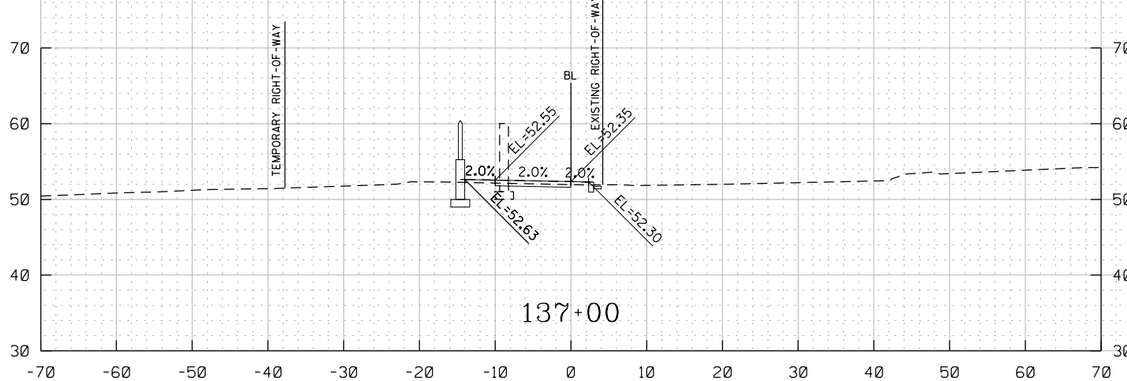
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	532	576

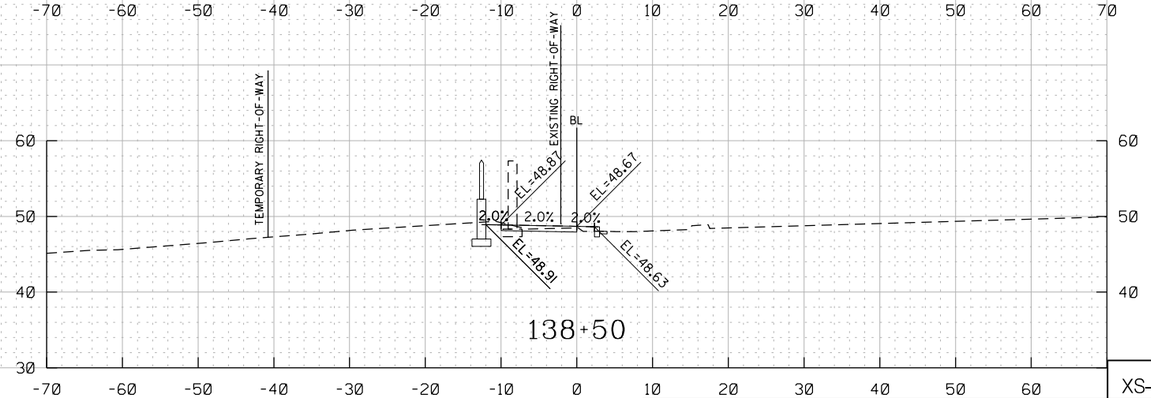












XS-37

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 137+00 TO STA 139+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 532 OF 576

NO	DESCRIPTION	NAME	DATE

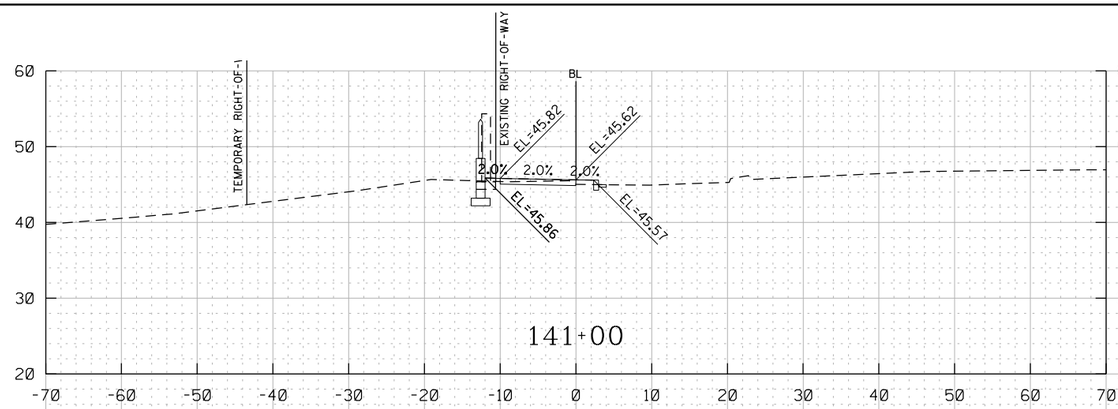
REVISIONS

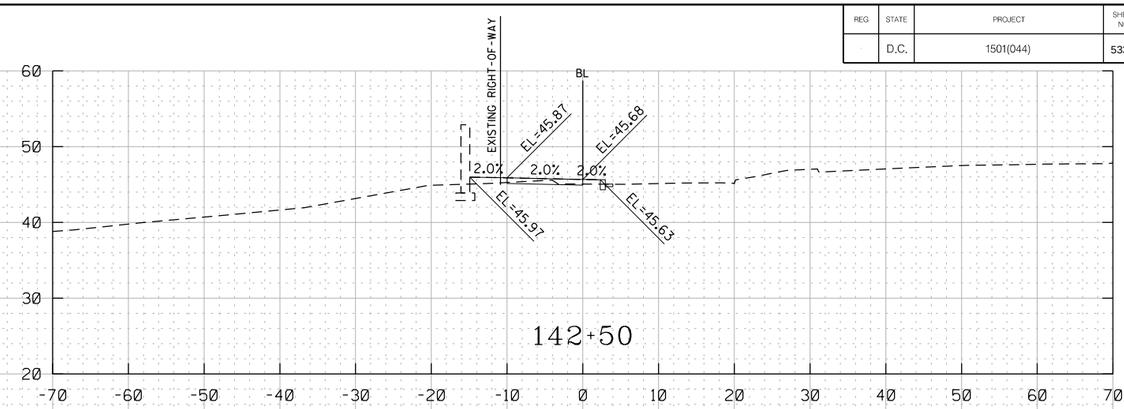
ch2m TOOLE DESIGN

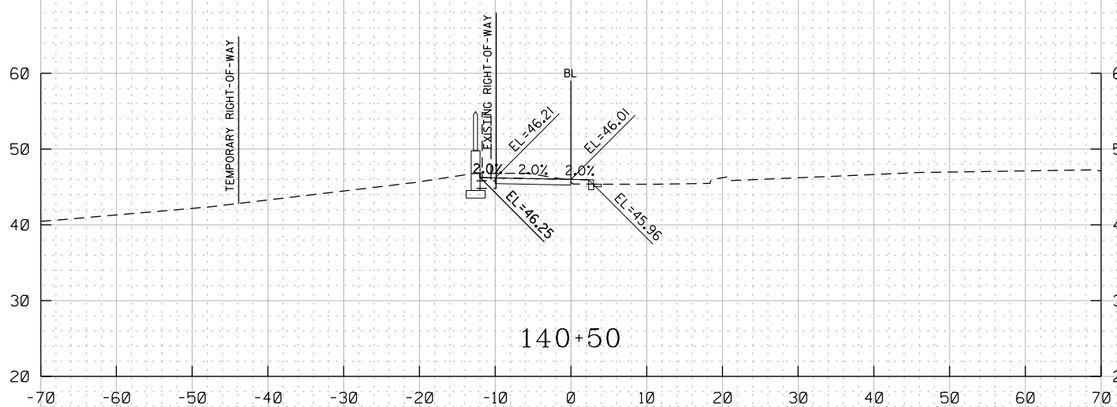
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

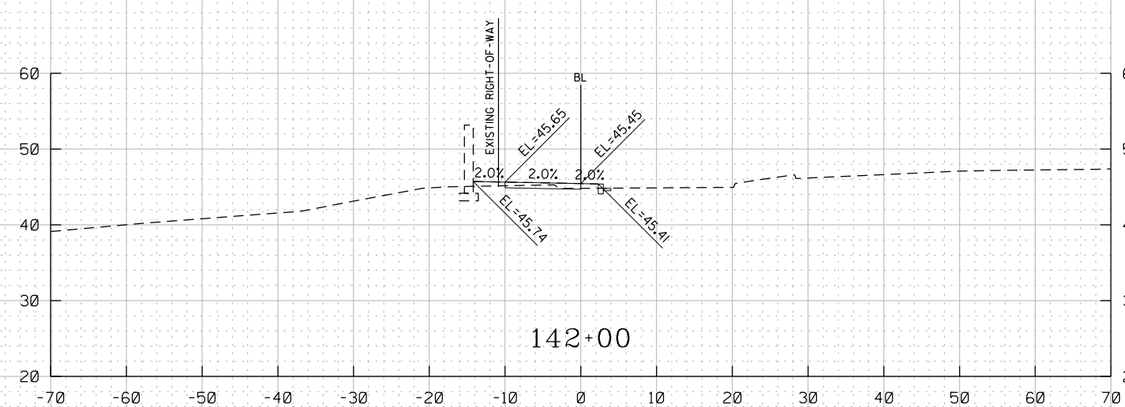
pXS-P07_Overlook4.dgn
8/8/2025

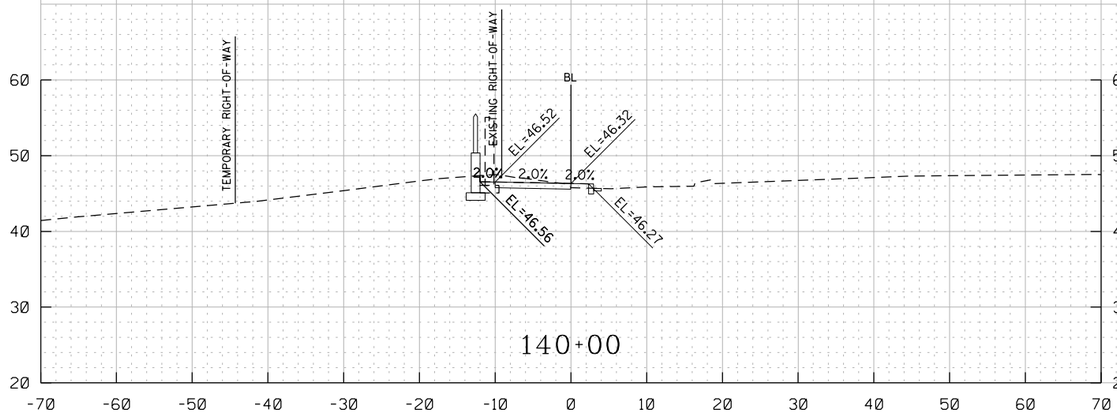
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	533	576

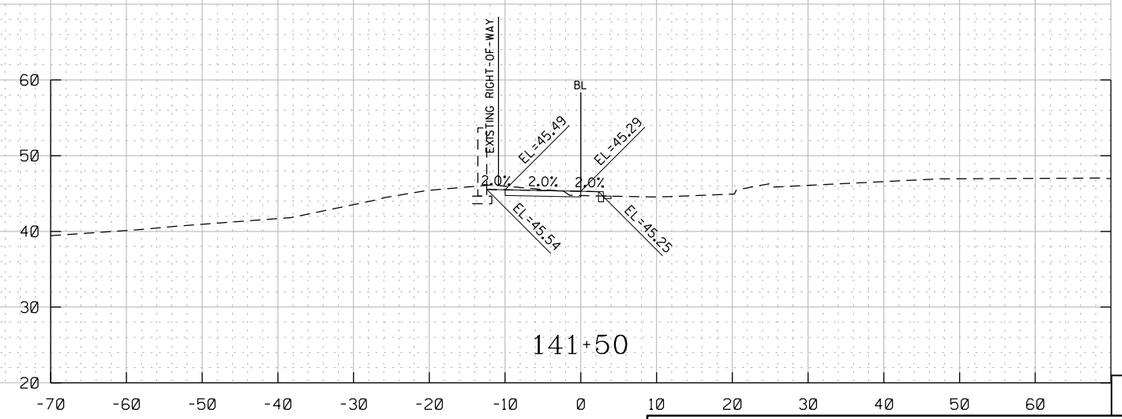












XS-38

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904780
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P07_Overlook4.dgn
8/8/2025

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 140+00 TO STA 142+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

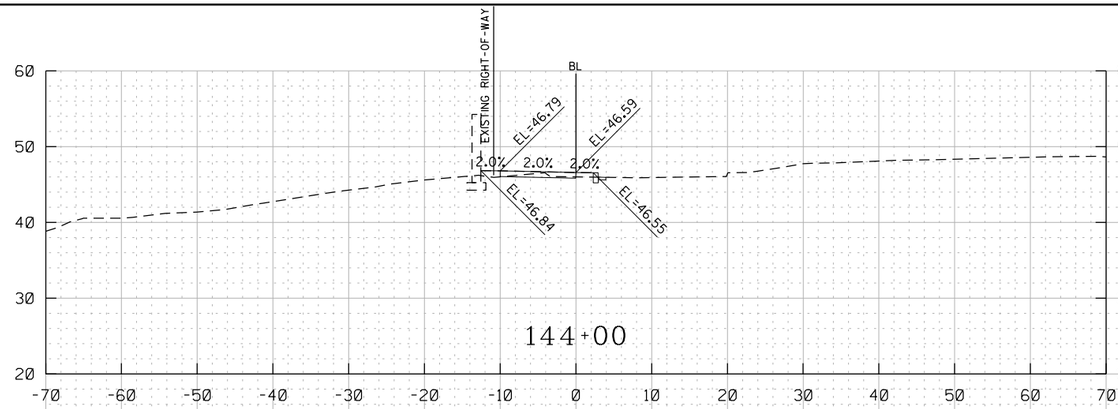
DIVISION CHIEF

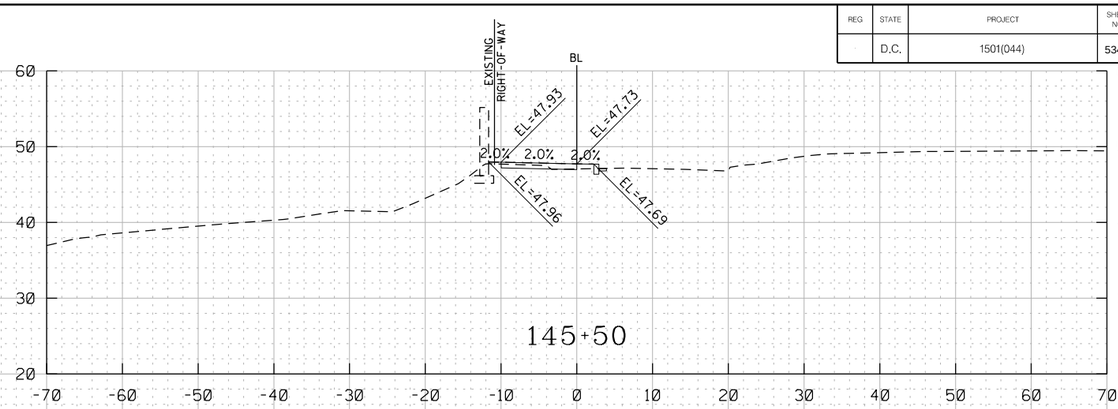
DATE

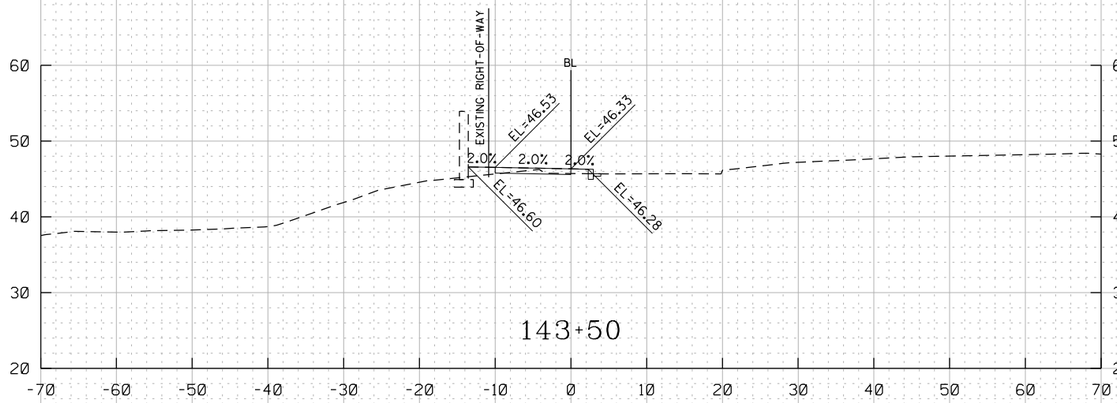
FILE

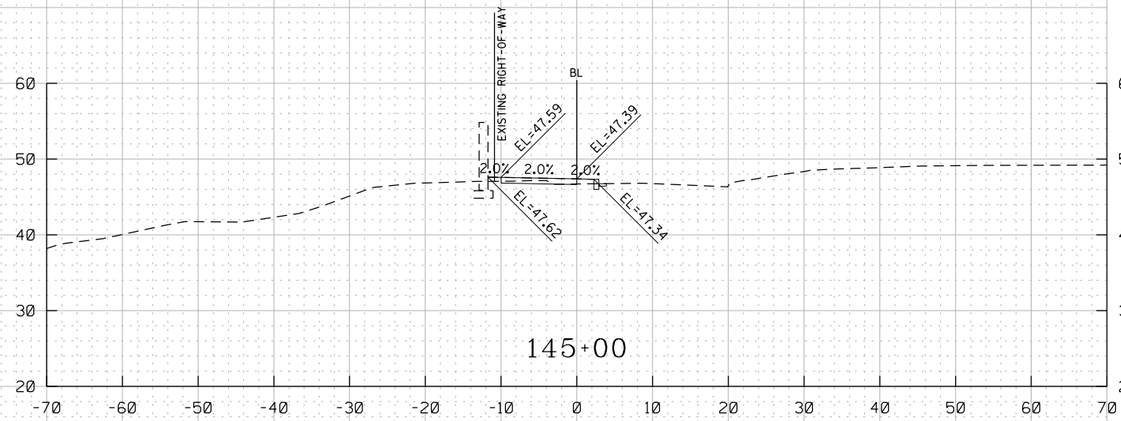
SHEET 533 OF 576

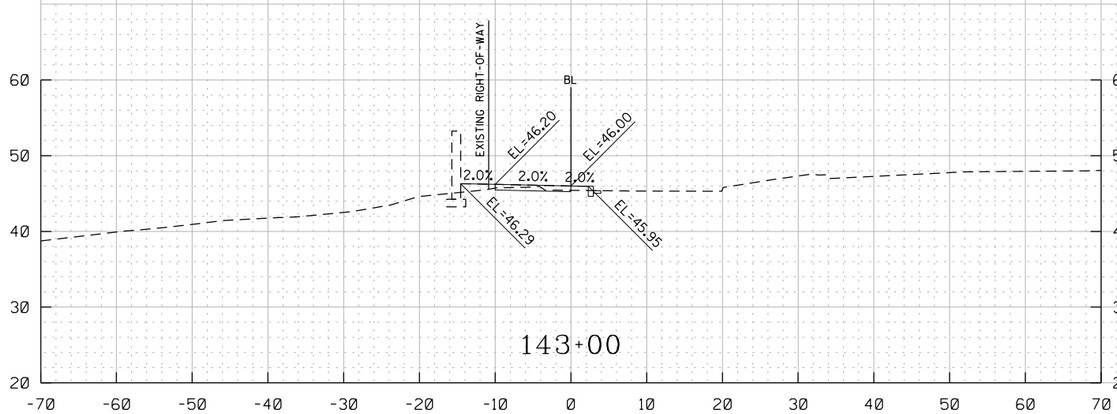
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	534	576

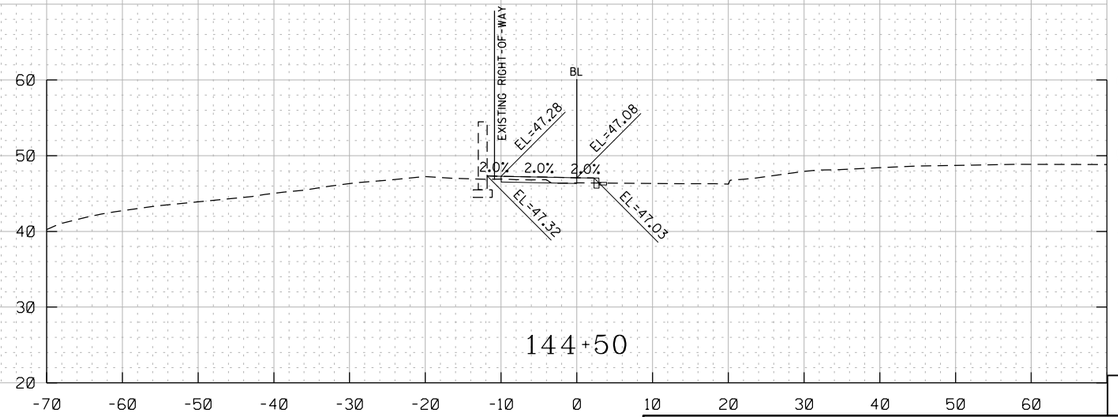












XS-39

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 143+00 TO STA 145+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 534 OF 576

NO	DESCRIPTION	NAME	DATE

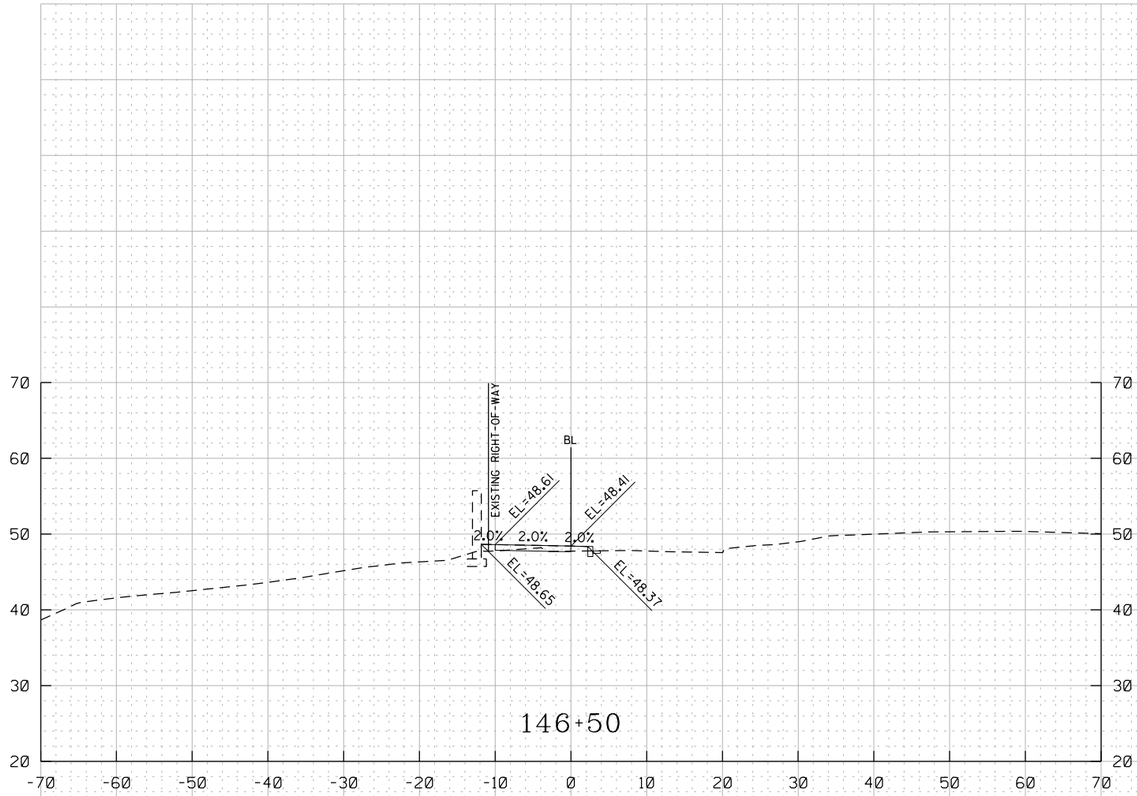
REVISIONS

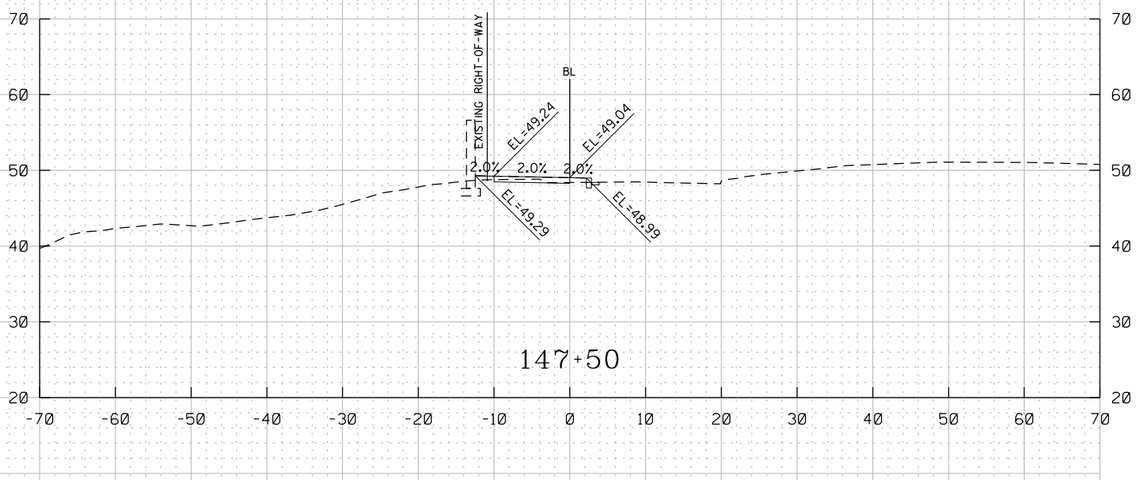
ch2m TOOLE DESIGN

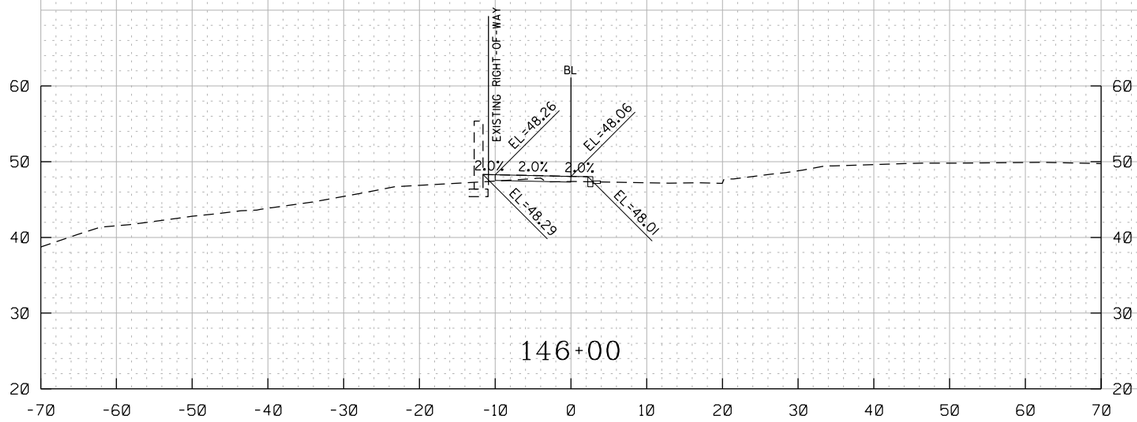
DISTRICT OF COLUMBIA
BRANDON D. SIMONS
NO. PE024760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

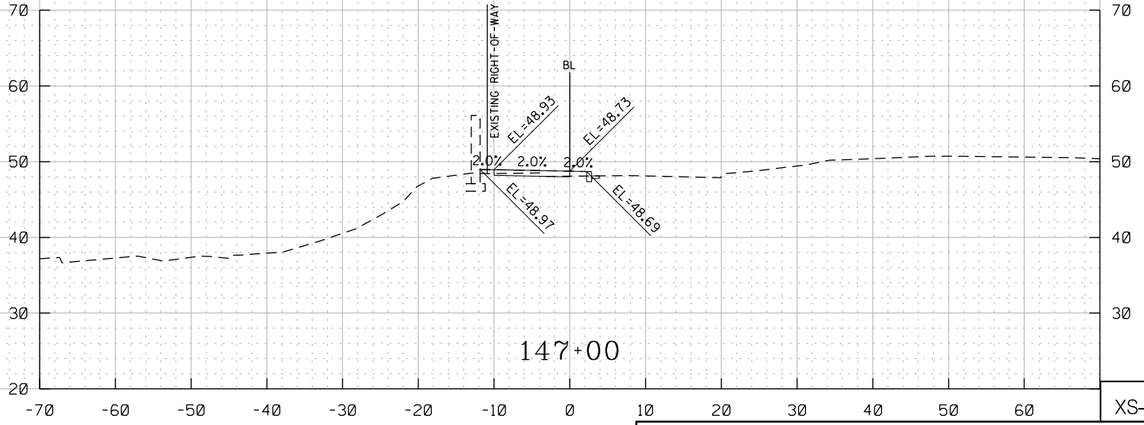
pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	535	576









XS-40

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P07_Overlook4.dgn
8/8/2025

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

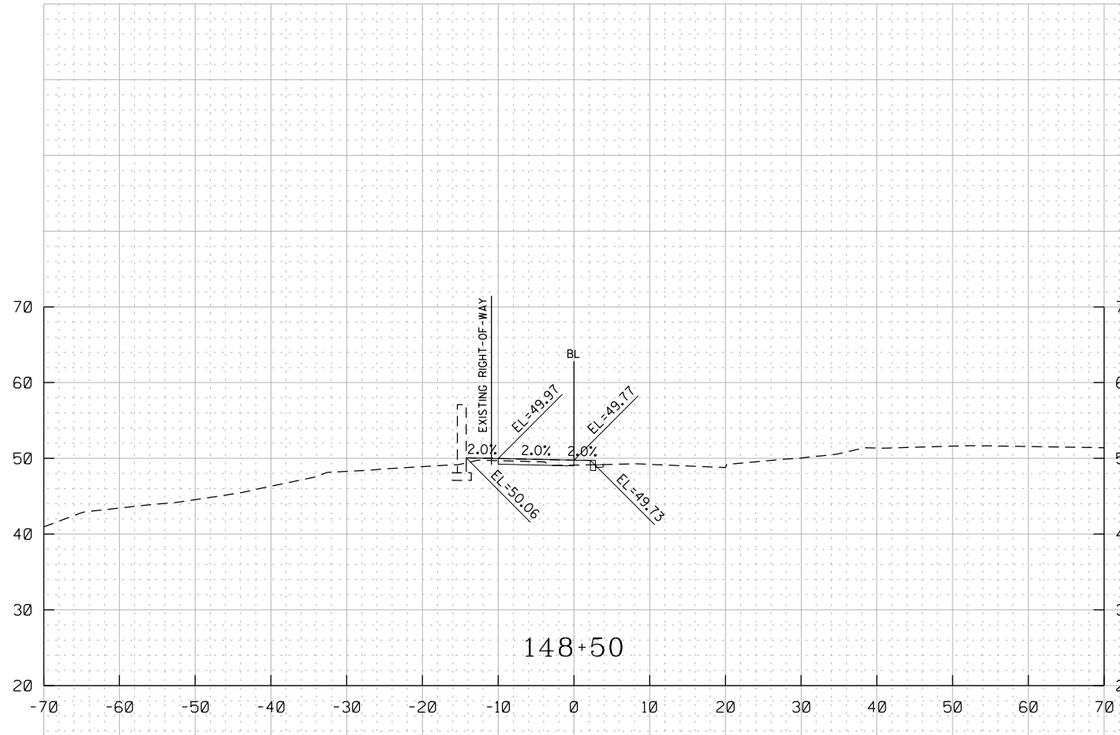
SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

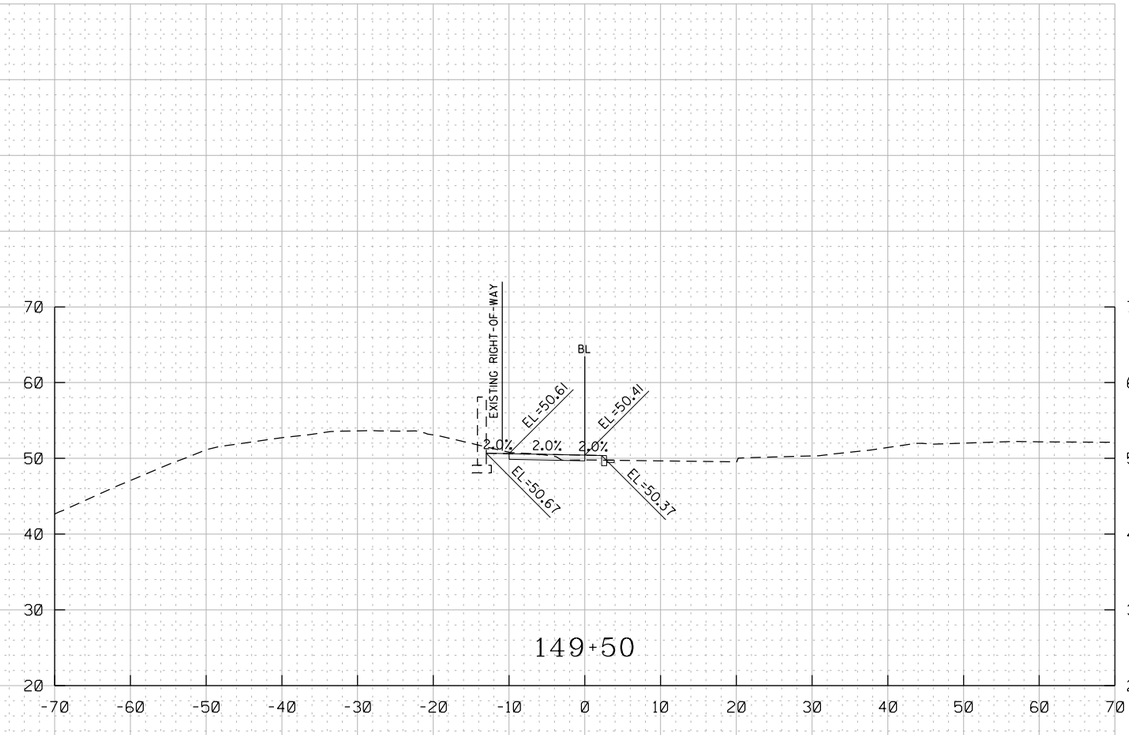
PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

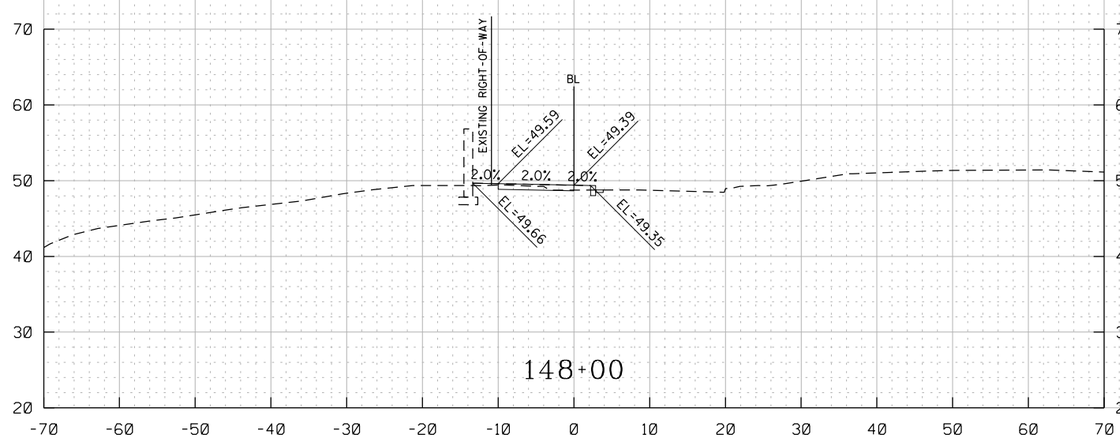
PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 146+00 TO STA 147+50

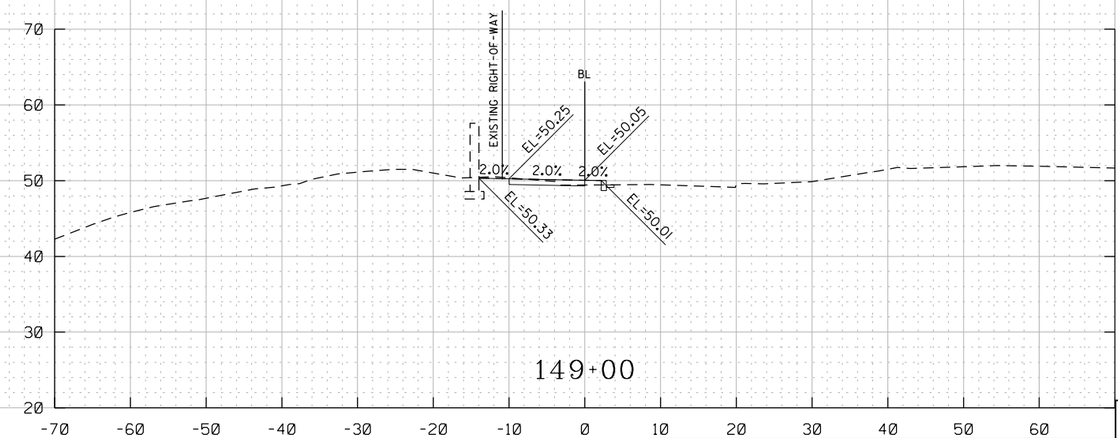
DIVISION CHIEF
DATE
FILE
SHEET 535 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	536	576









XS-41

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 148+00 TO STA 149+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 536 OF 576

NO	DESCRIPTION	NAME	DATE

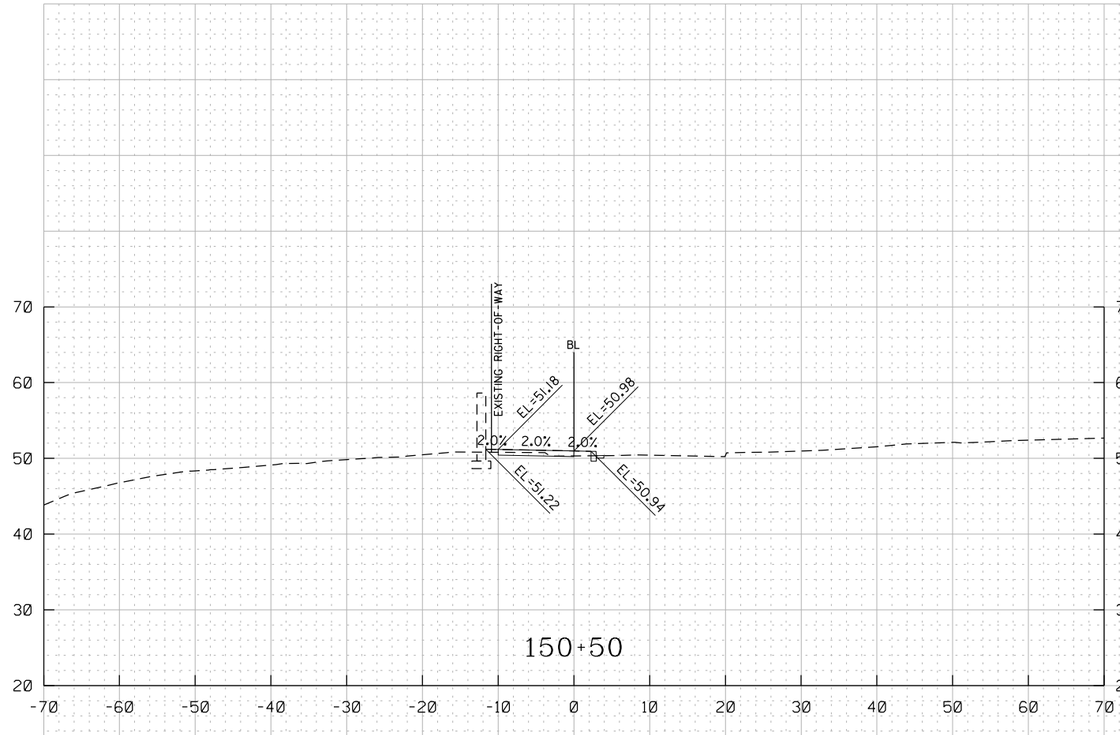
REVISIONS

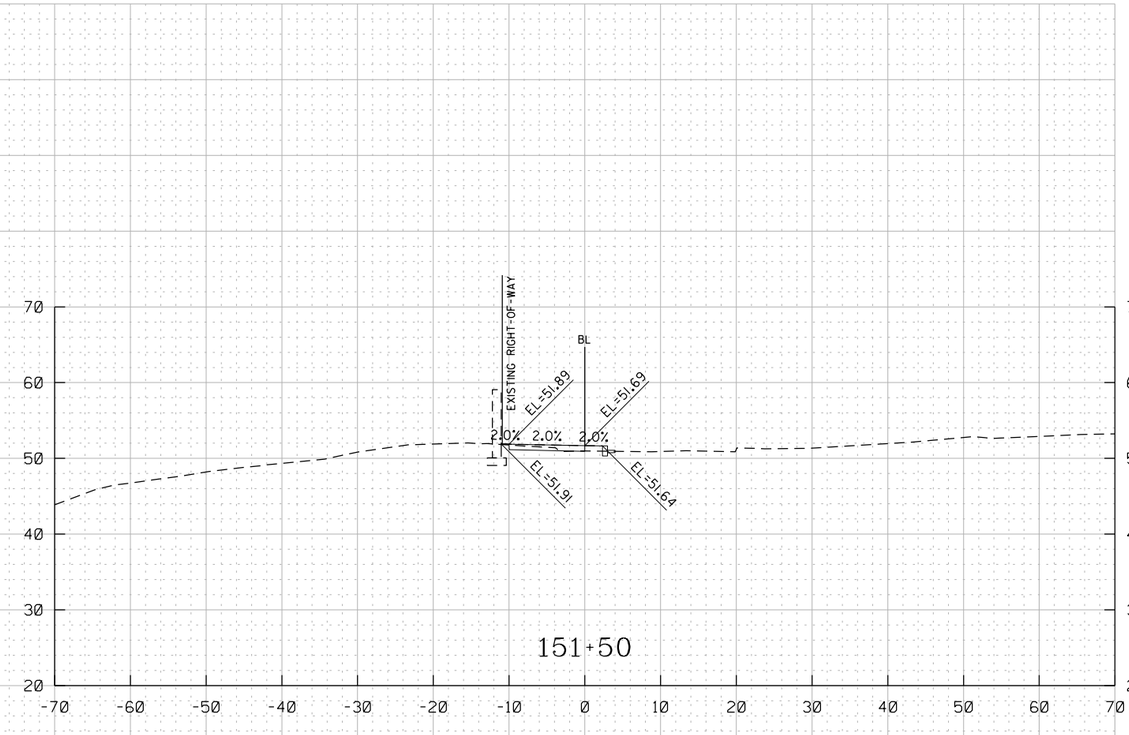
ch2m TOOLE DESIGN

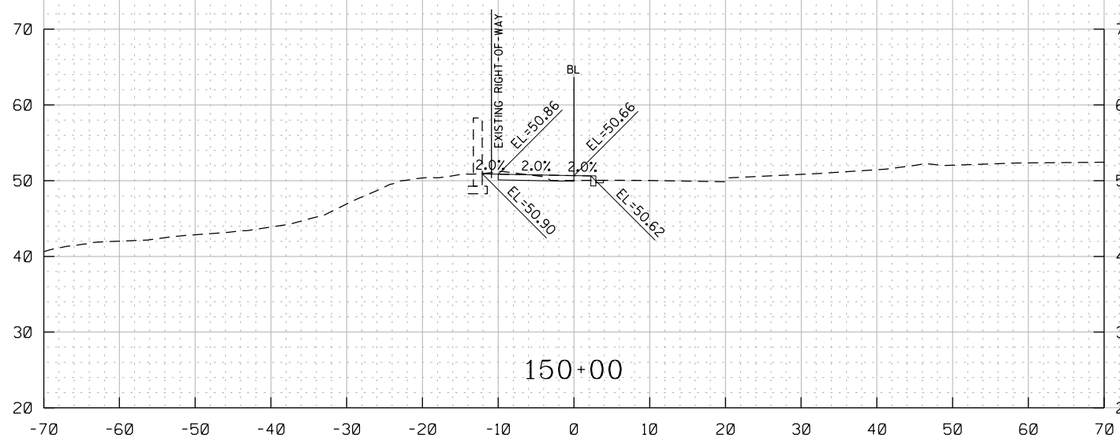
DISTRICT OF COLUMBIA
SHARON D. SMOKE
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

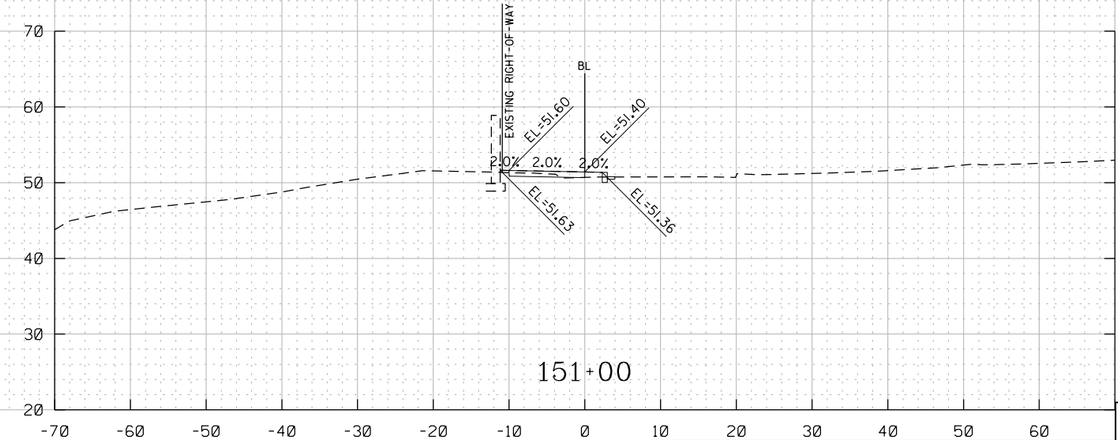
pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	537	576









XS-42

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 150+00 TO STA 151+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

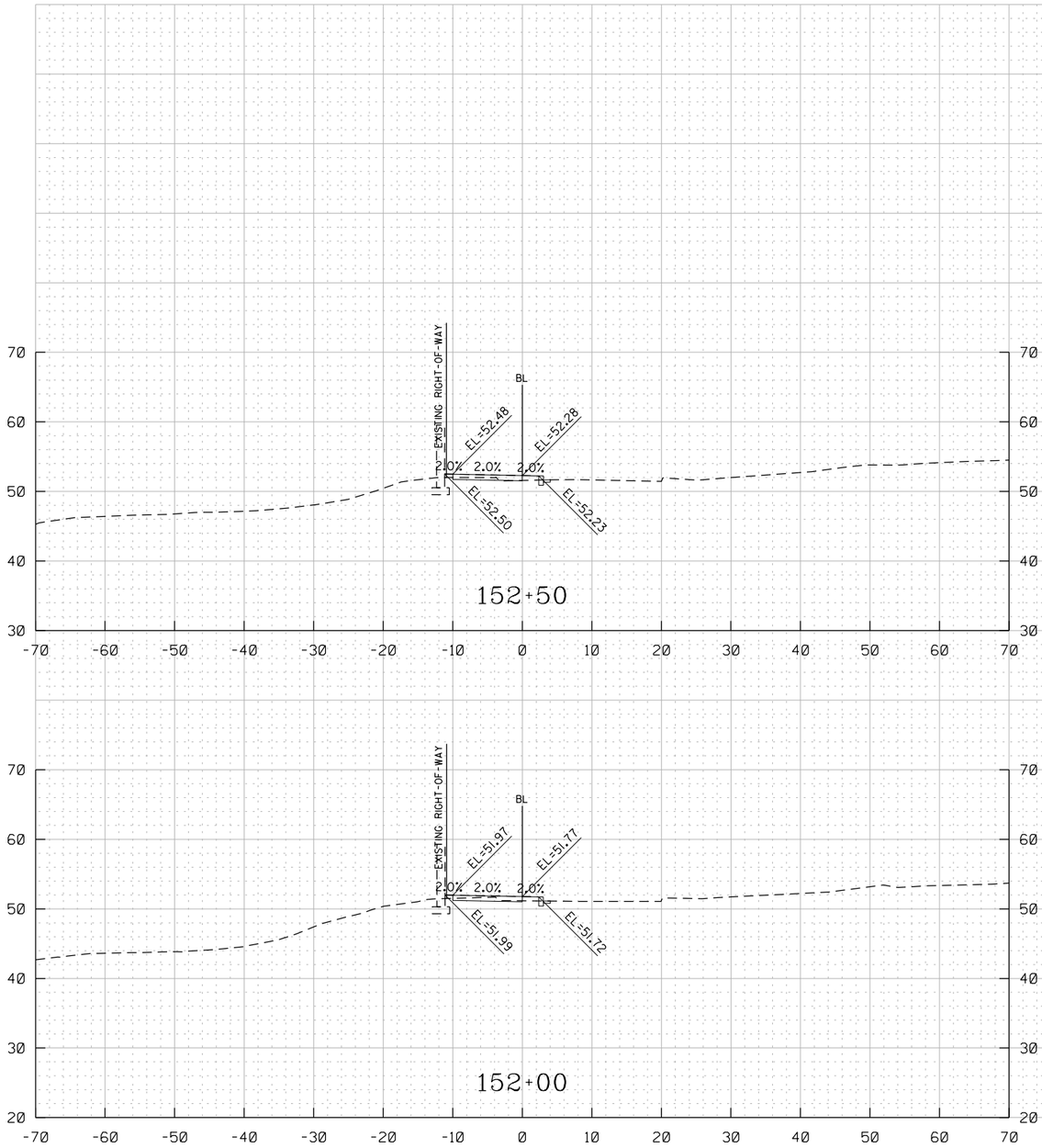
FILE

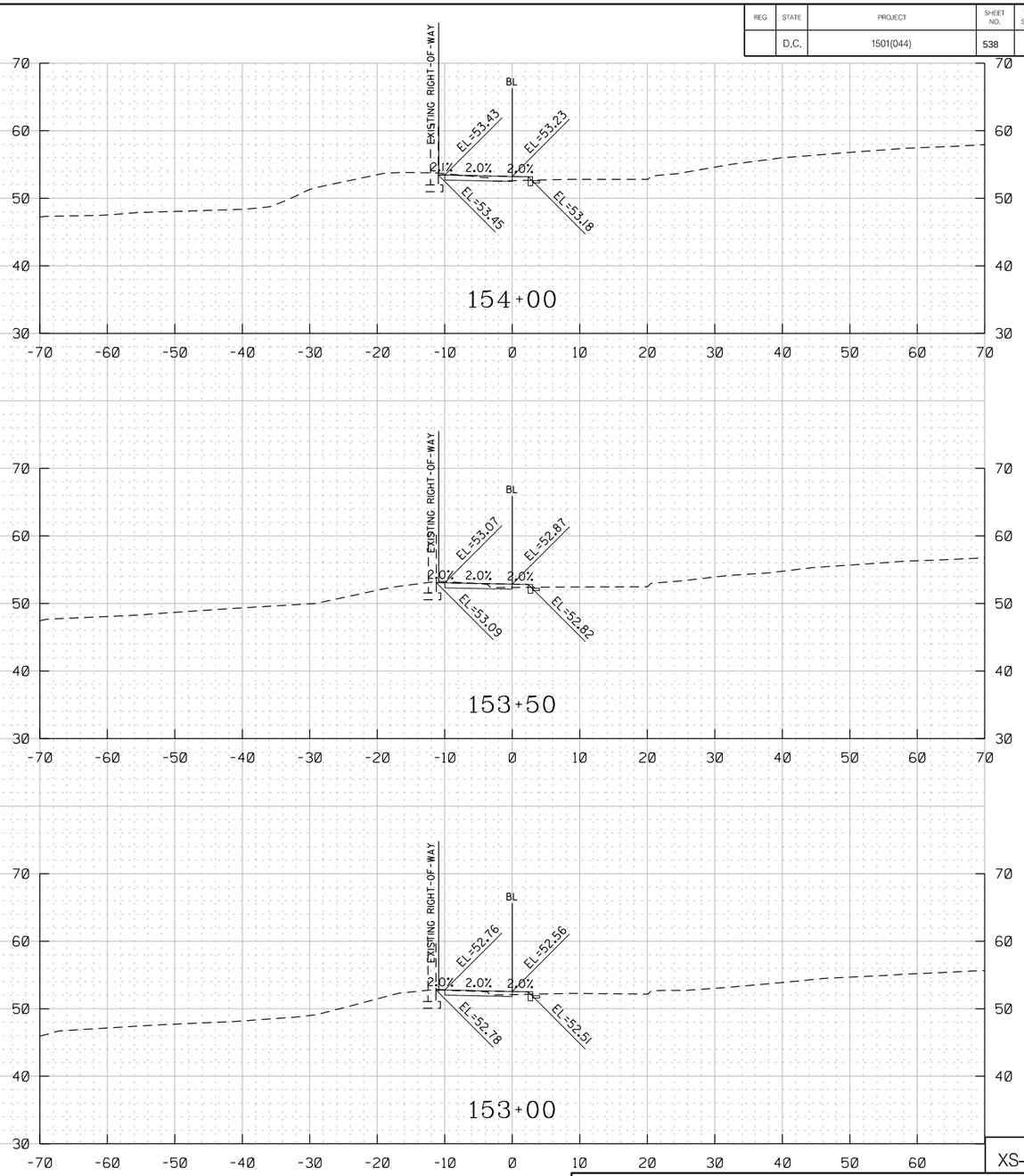
SHEET 537 OF 576

DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	538	576





XS-43

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 152+00 TO STA 154+00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 538 OF 576

NO	DESCRIPTION	NAME	DATE

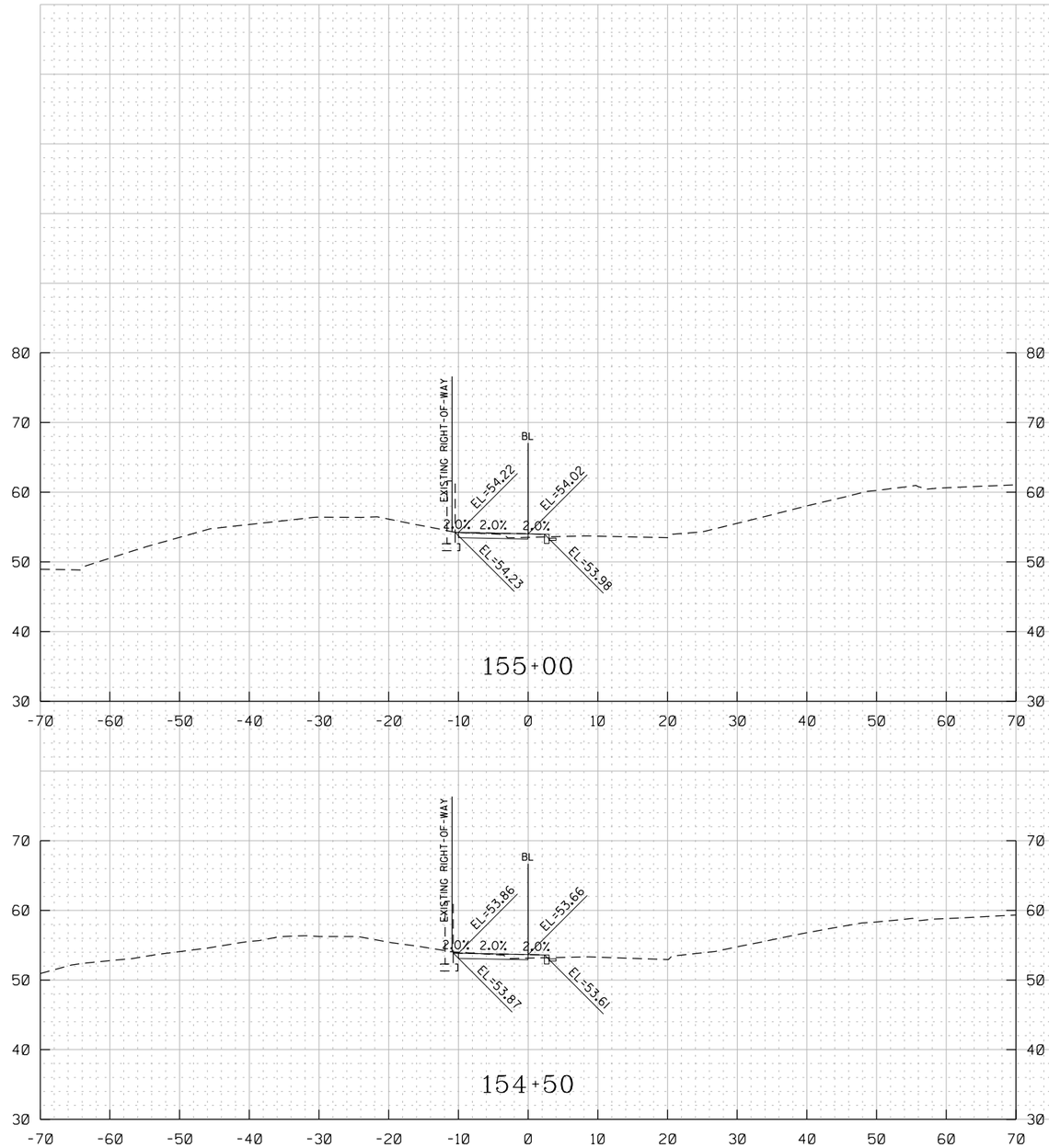
REVISIONS

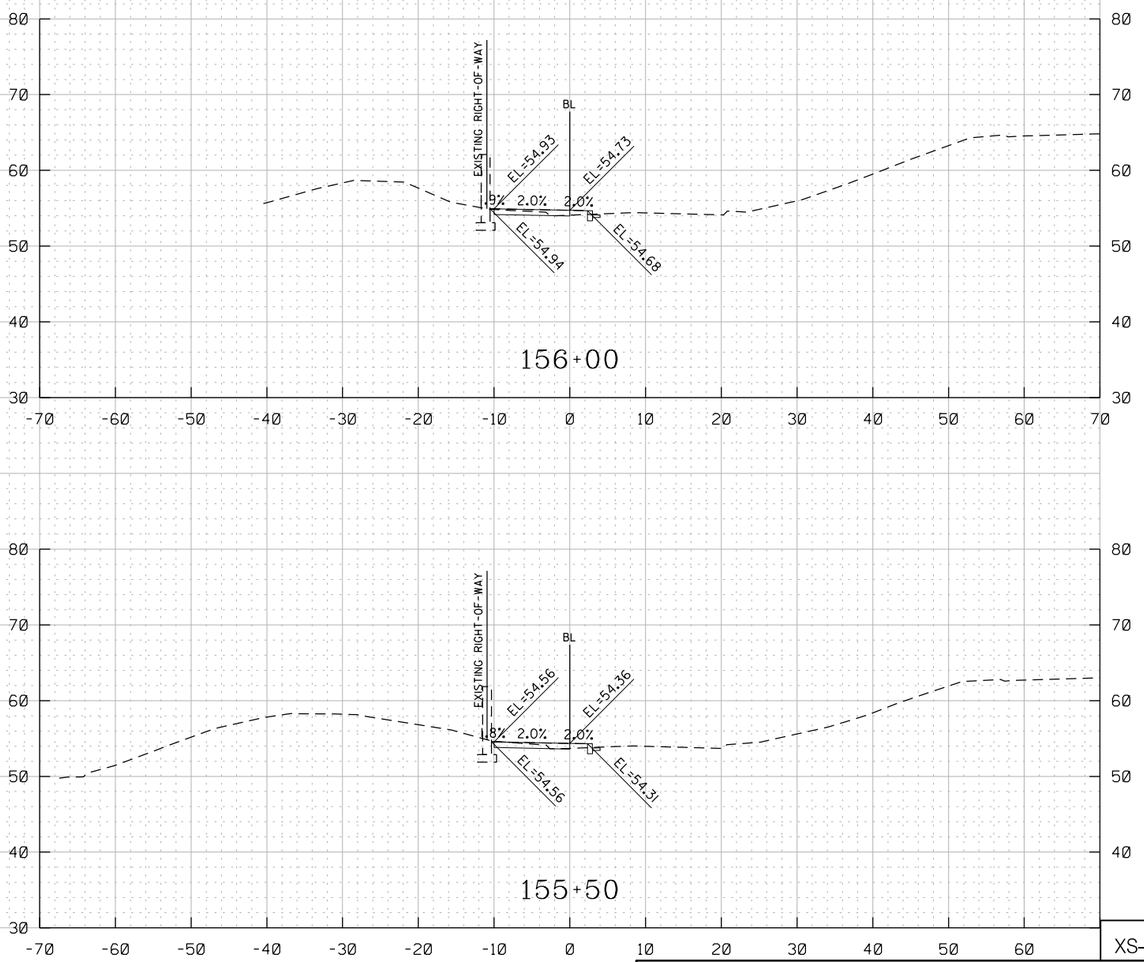
ch2m TOOLE DESIGN

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904780
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	539	576





XS-44

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 154+50 TO STA 156+00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

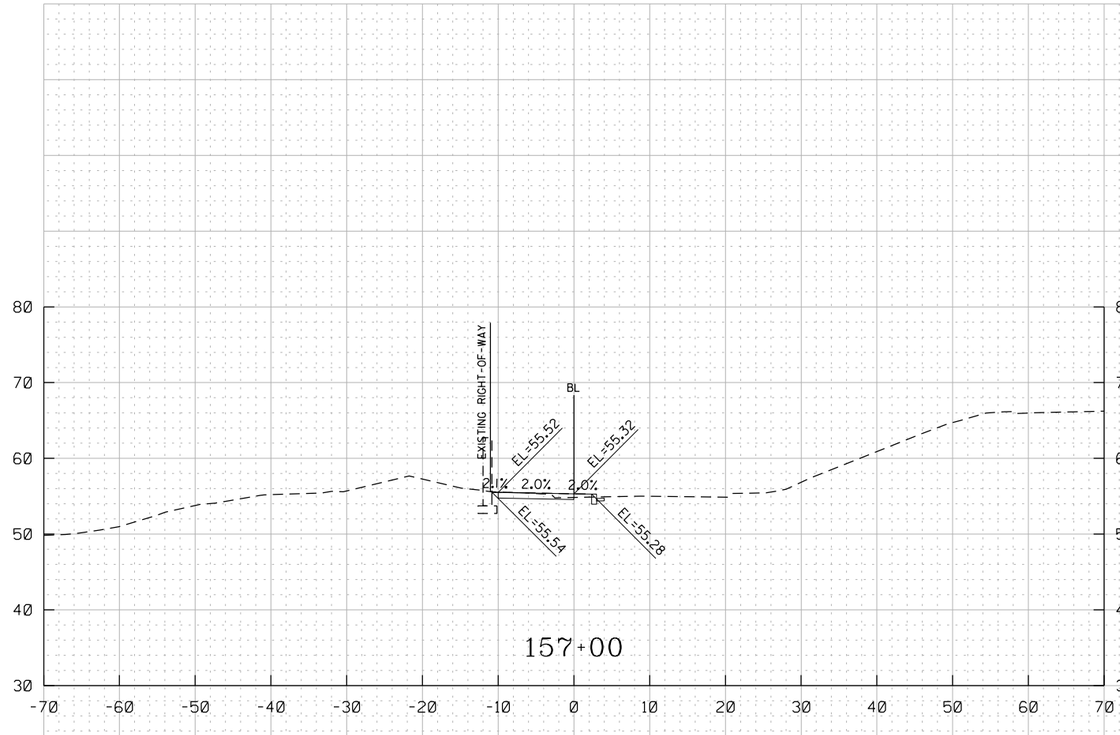
FILE

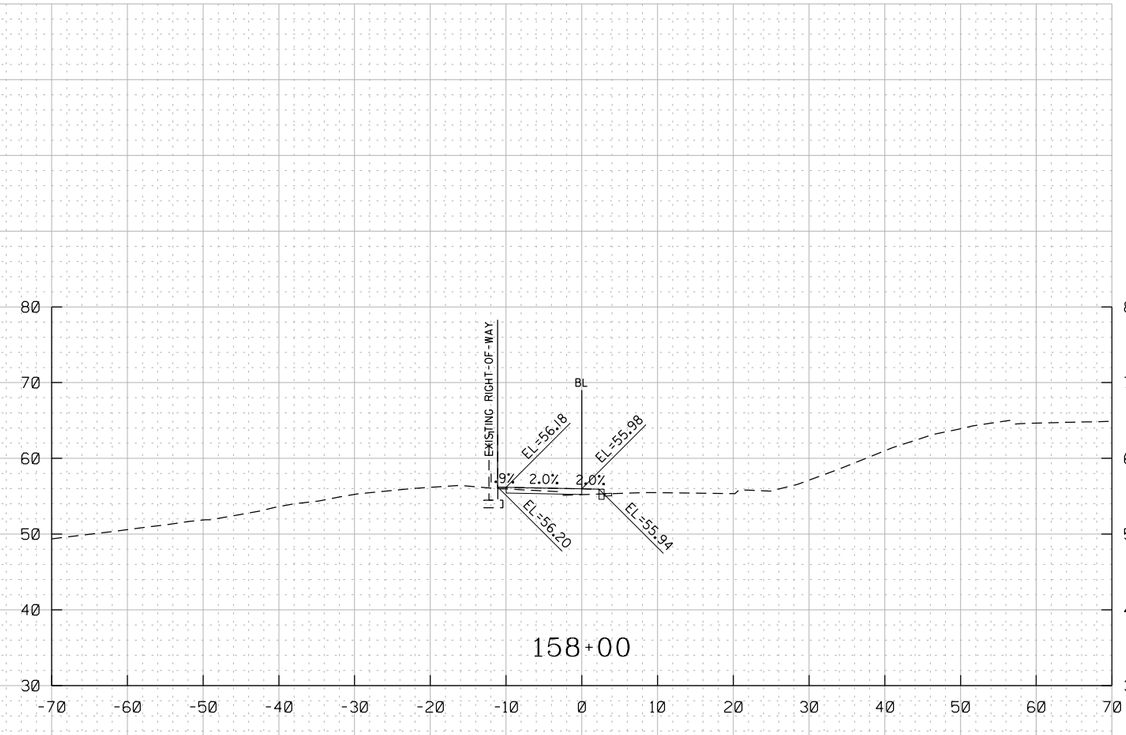
SHEET 539 OF 576

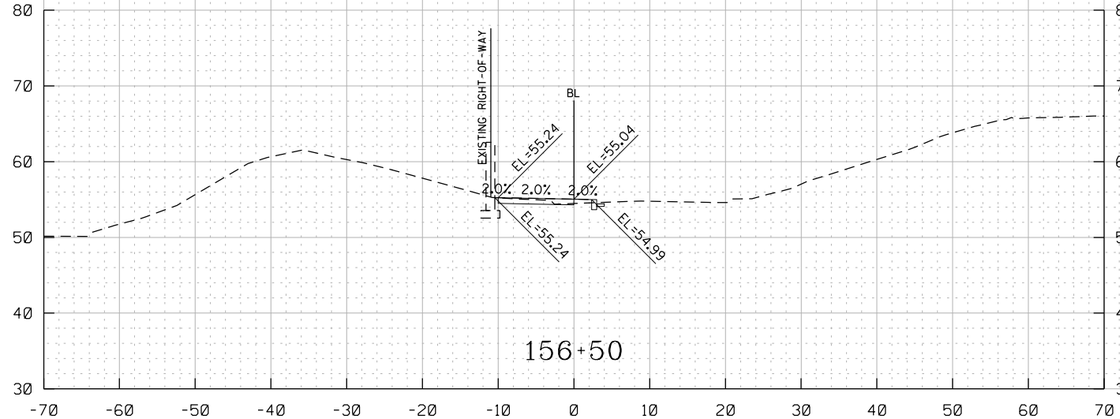
DISTRICT OF COLUMBIA
BRANDON D. SIMONS
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

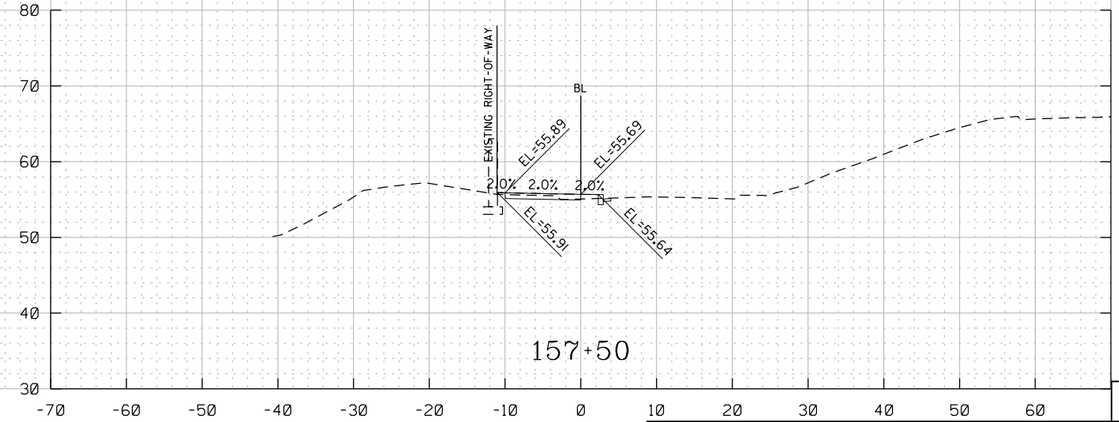
pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	540	576









XS–45

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 156+50 TO STA 158+00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 540 OF 576

NO	DESCRIPTION	NAME	DATE

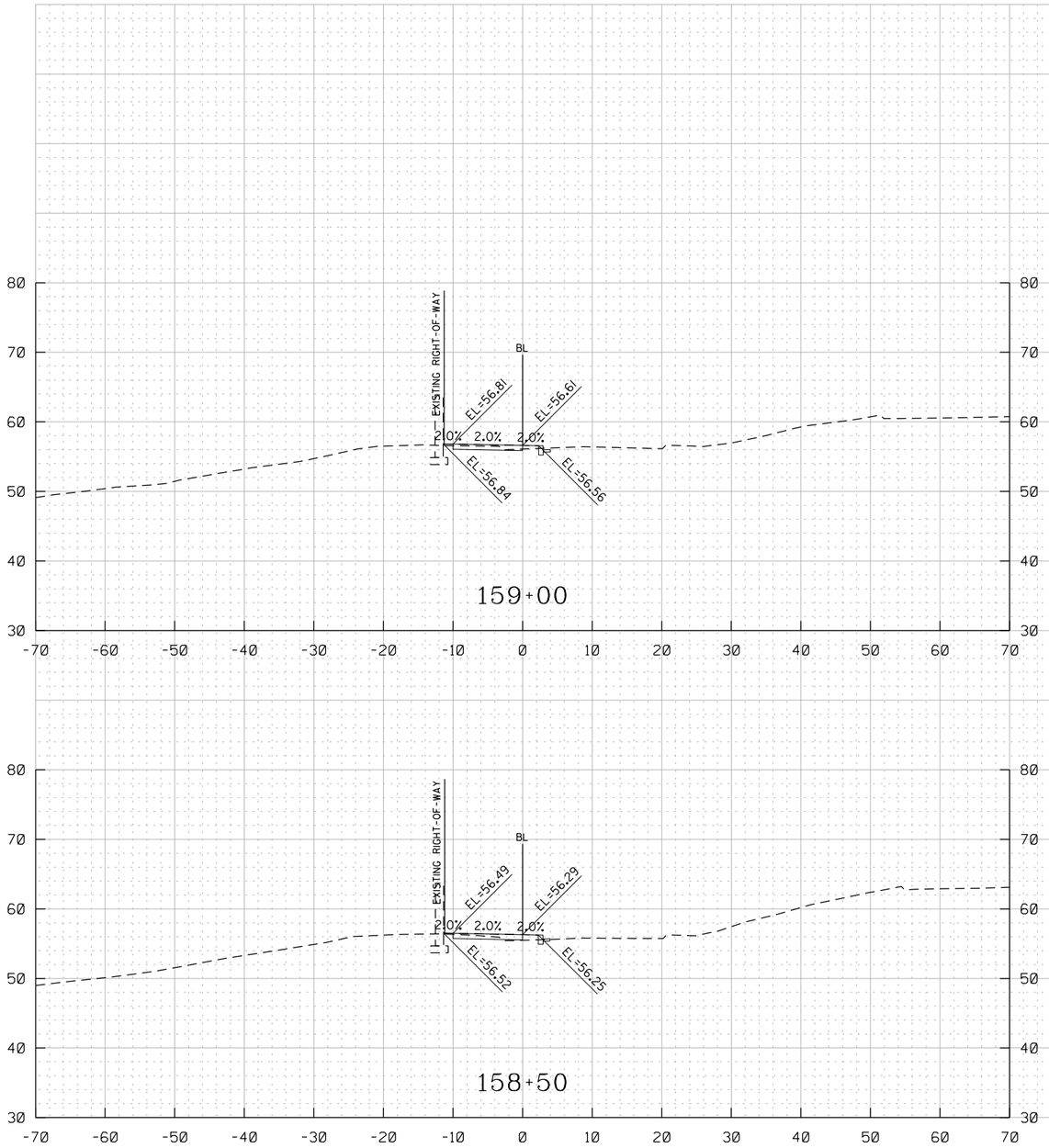
REVISIONS

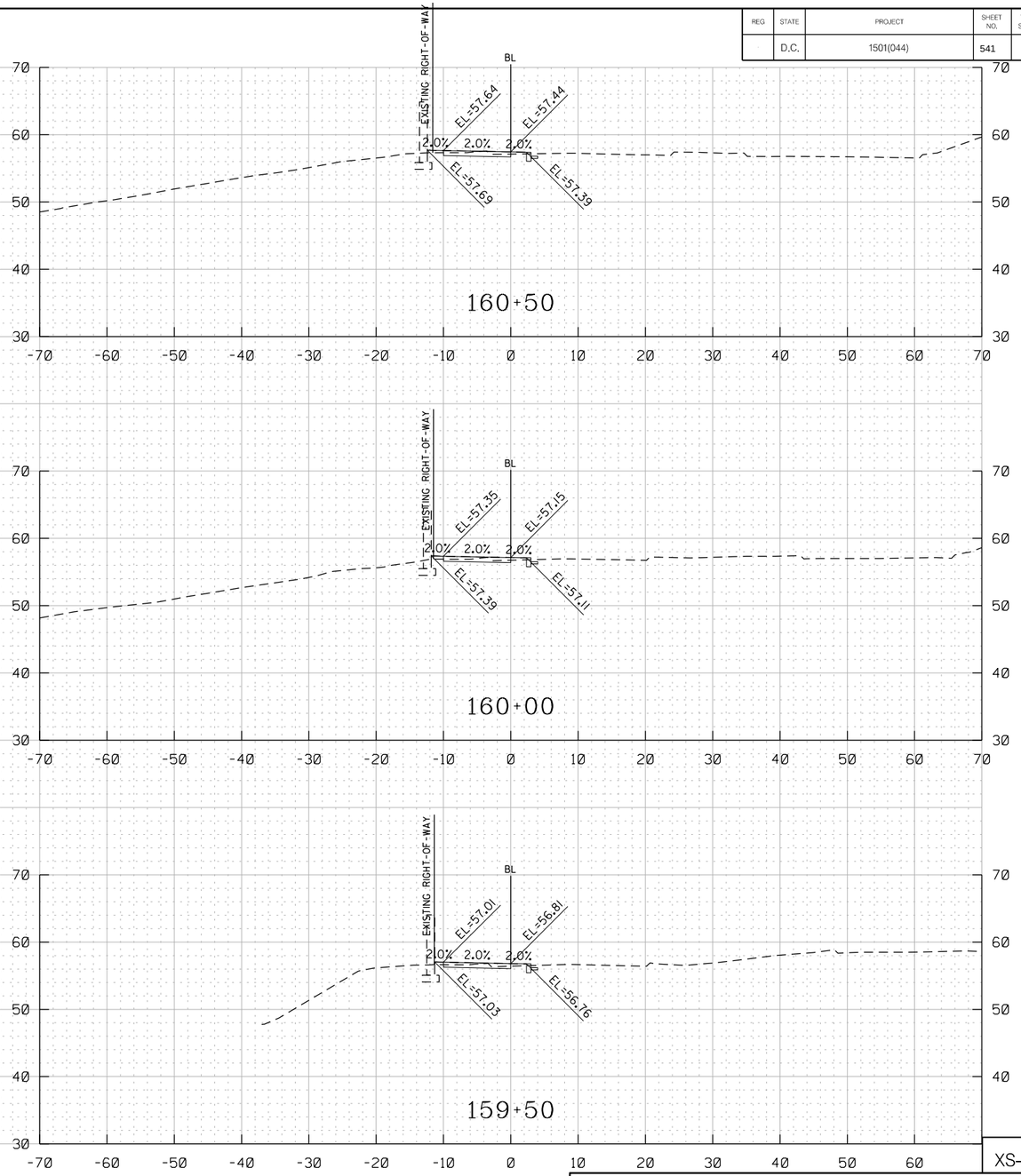
ch2m TOOLE DESIGN

DISTRICT OF COLUMBIA
SHARON D. SHOWS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	541	576





XS-46

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 158+50 TO STA 160+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 541 OF 576

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

NO	DESCRIPTION	NAME	DATE

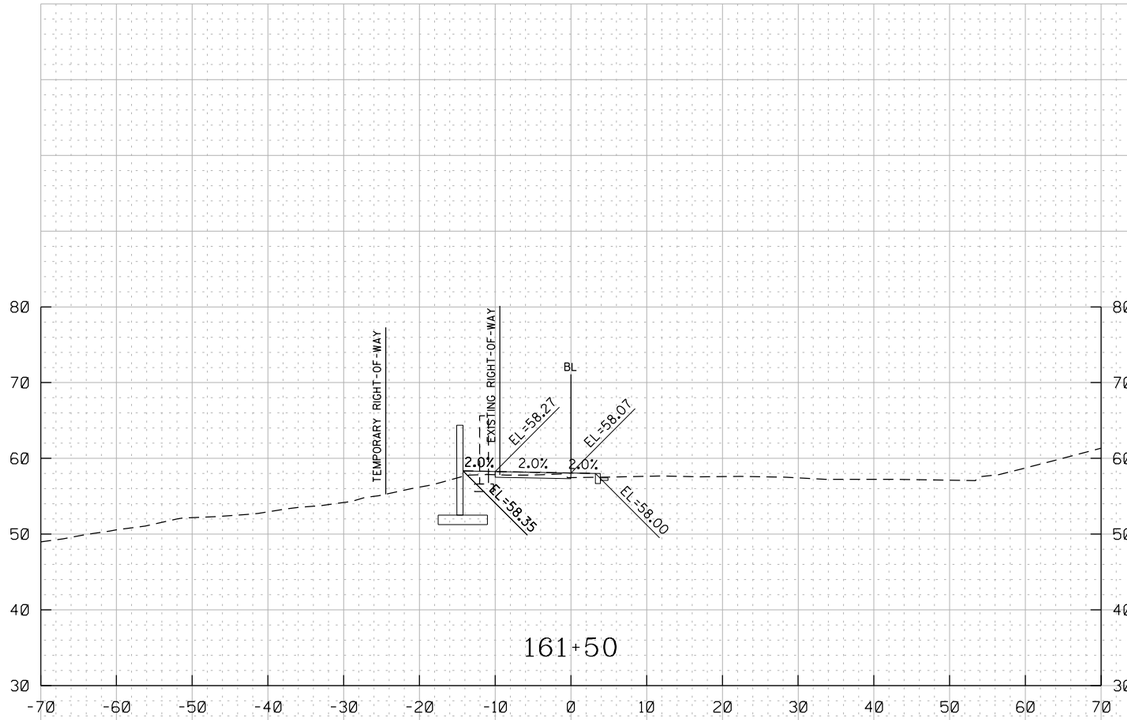
REVISIONS

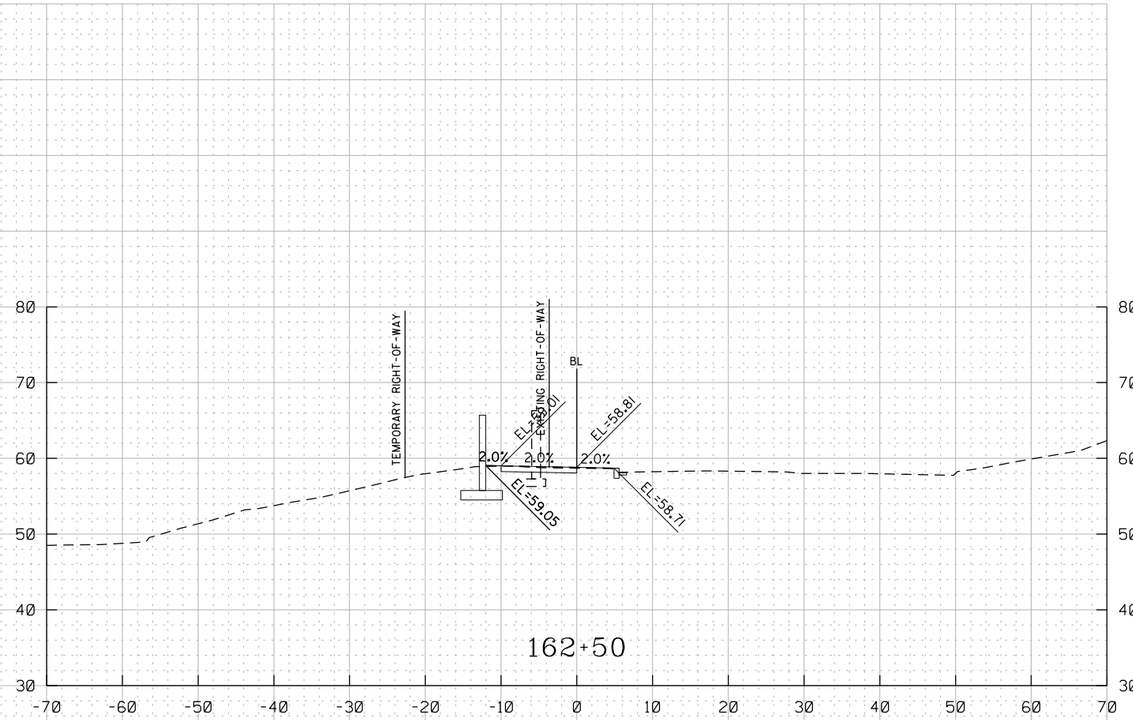
ch2m TOOLE DESIGN

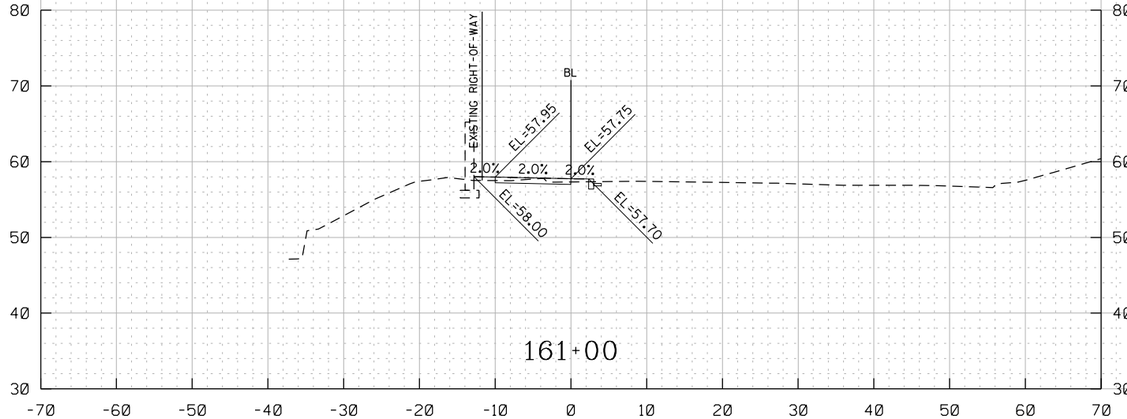
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

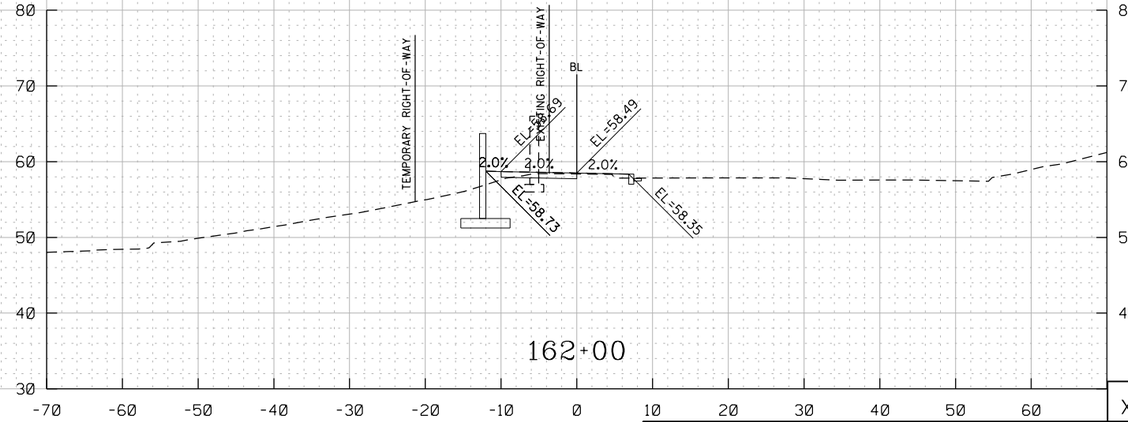
pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	542	576









XS-47

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 161+00 TO STA 162+50

DIVISION CHIEF
DATE
FILE
SHEET 542 OF 576

ch2m TOOLE DESIGN

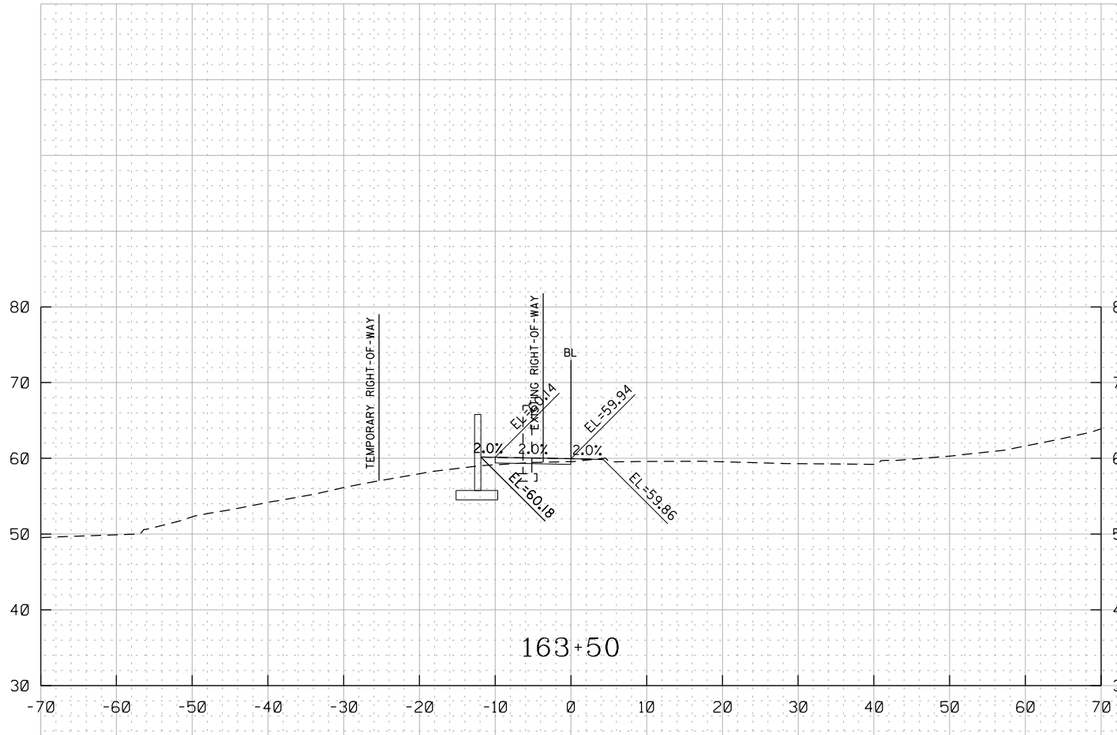
NO	DESCRIPTION	NAME	DATE

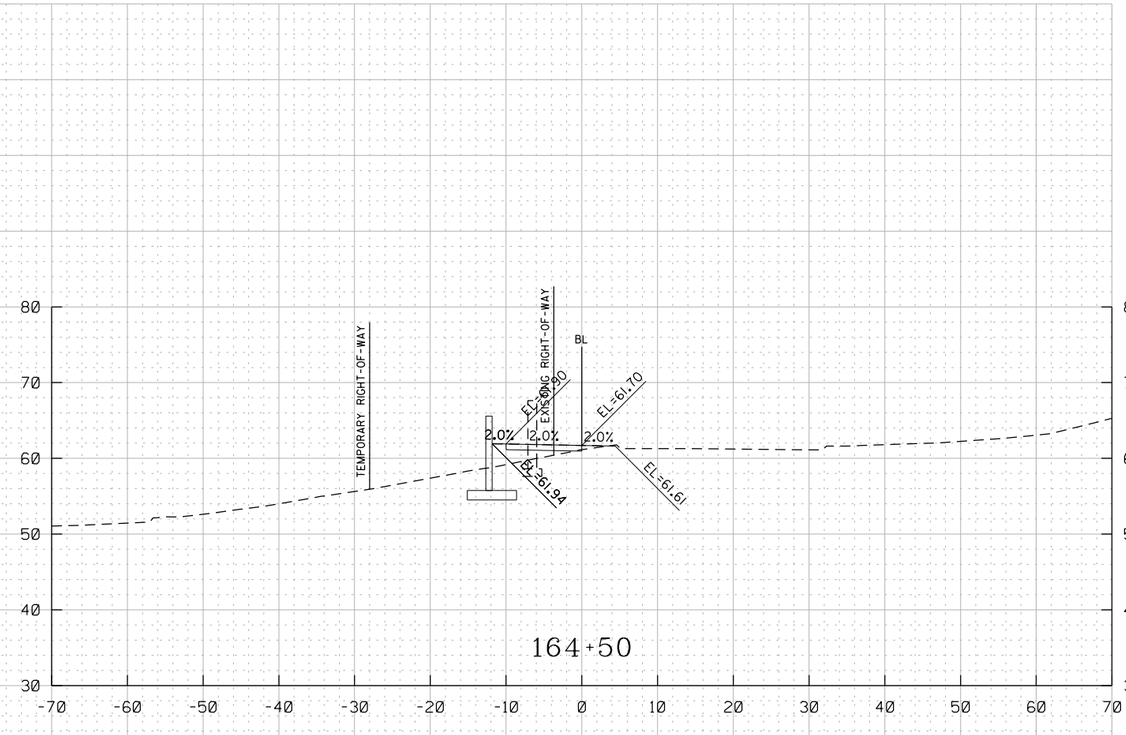
REVISIONS

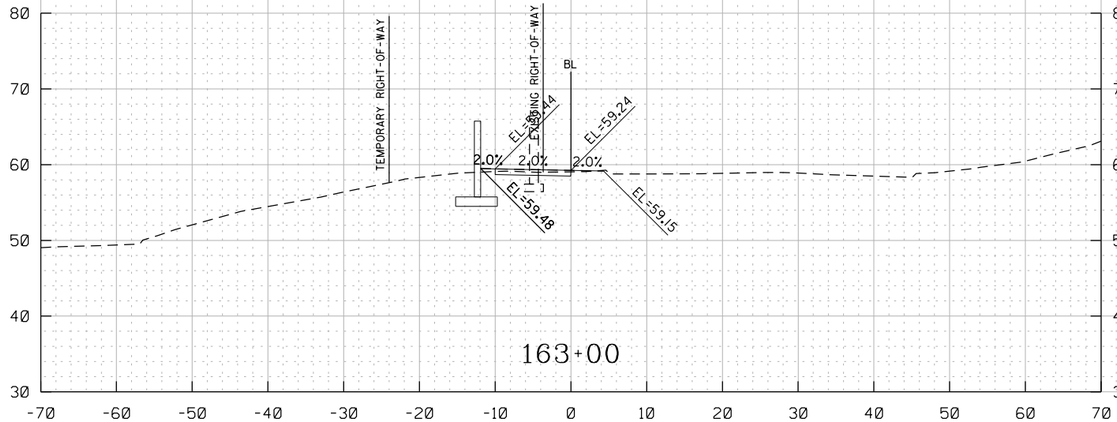
DISTRICT OF COLUMBIA
SHARON D. SMOKE
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

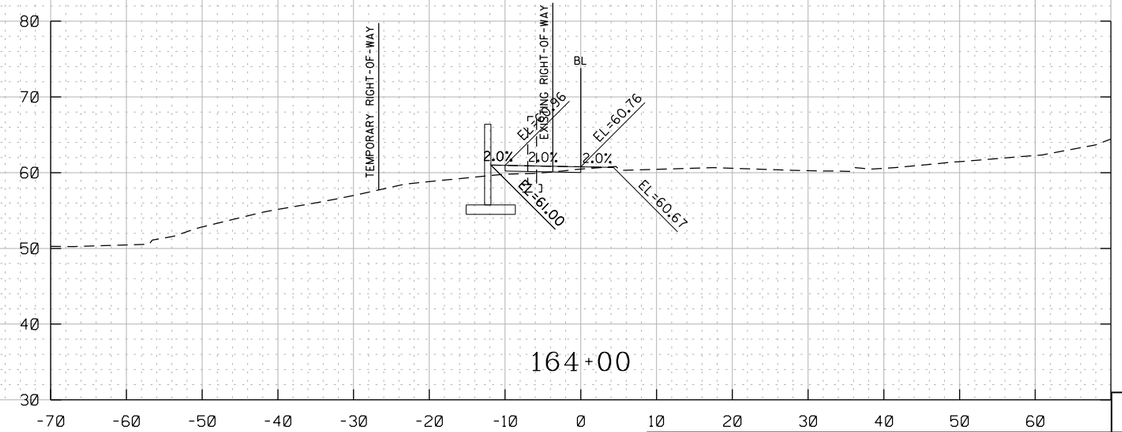
pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	543	576









XS-48

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 163+00 TO STA 164+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 543 OF 576

ch2m TOOLE DESIGN

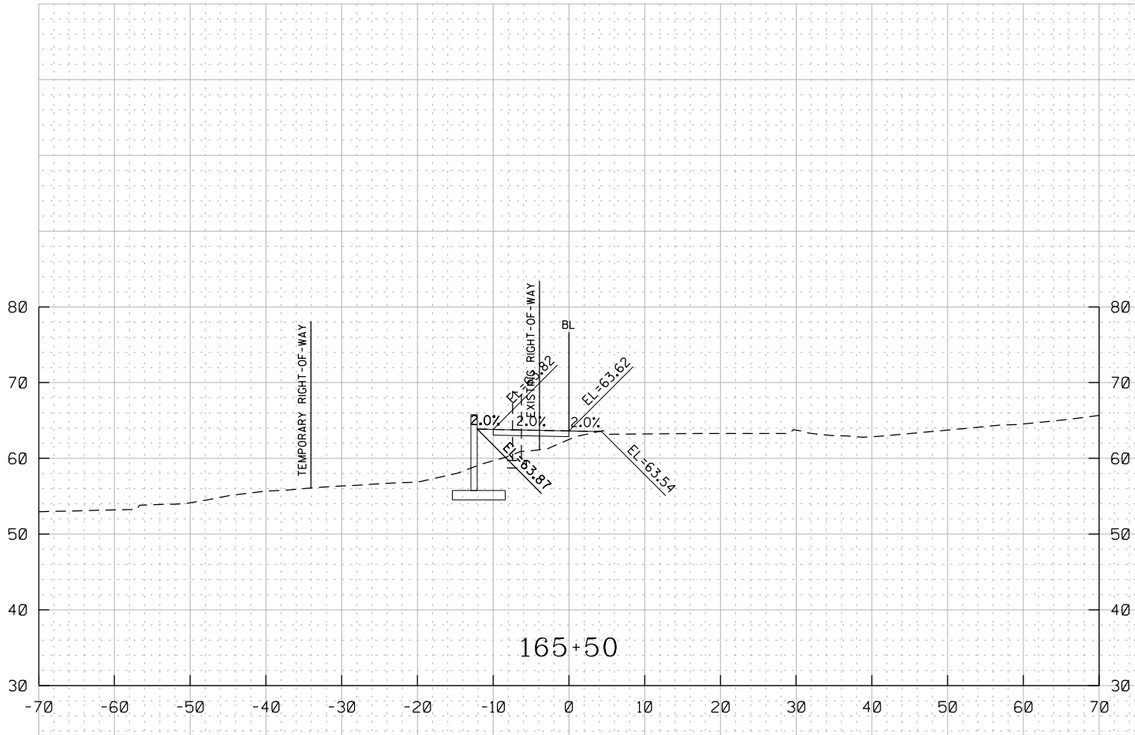
NO	DESCRIPTION	NAME	DATE

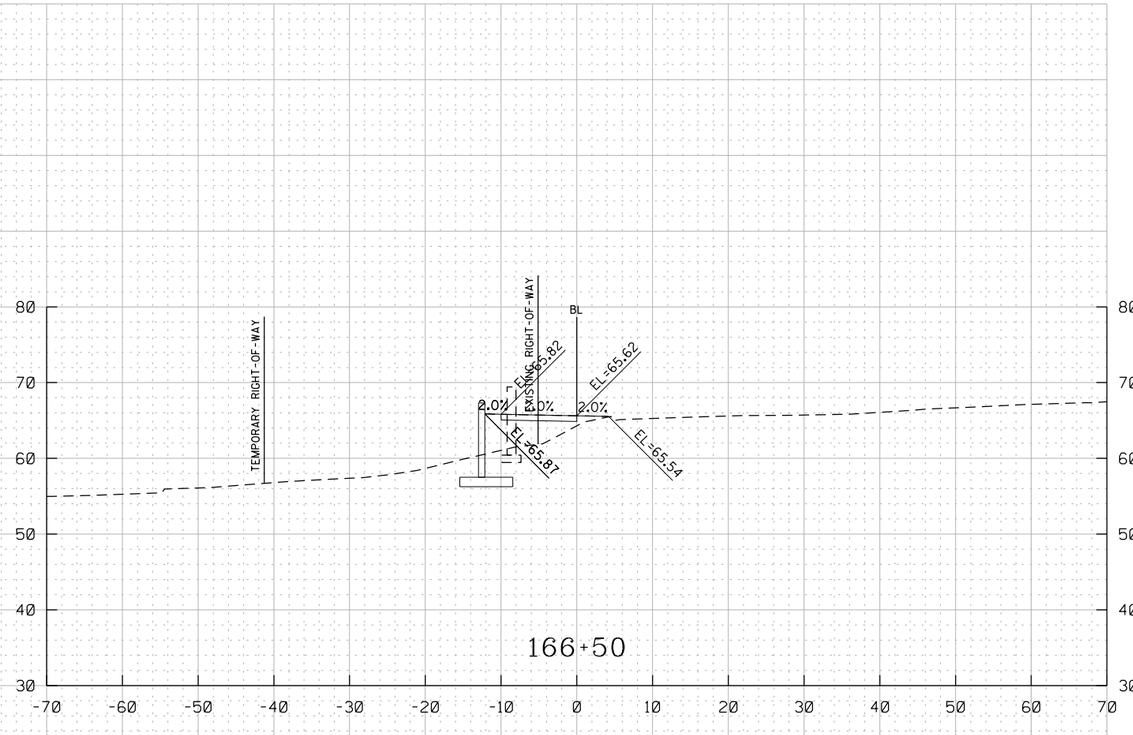
REVISIONS

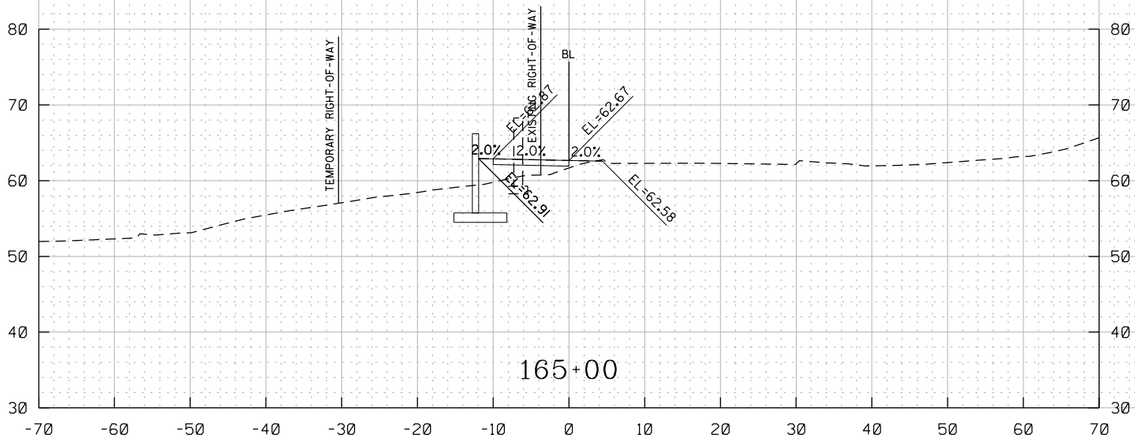
DISTRICT OF COLUMBIA — SHARON D. SMOKE — NO. PE004706 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

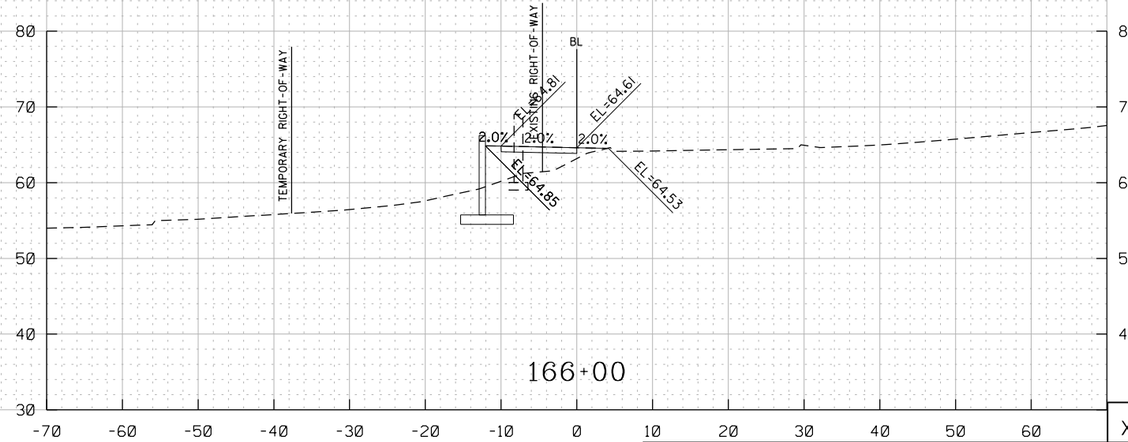
pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	544	576









XS-49

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 165+00 TO STA 166+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 544 OF 576

NO	DESCRIPTION	NAME	DATE

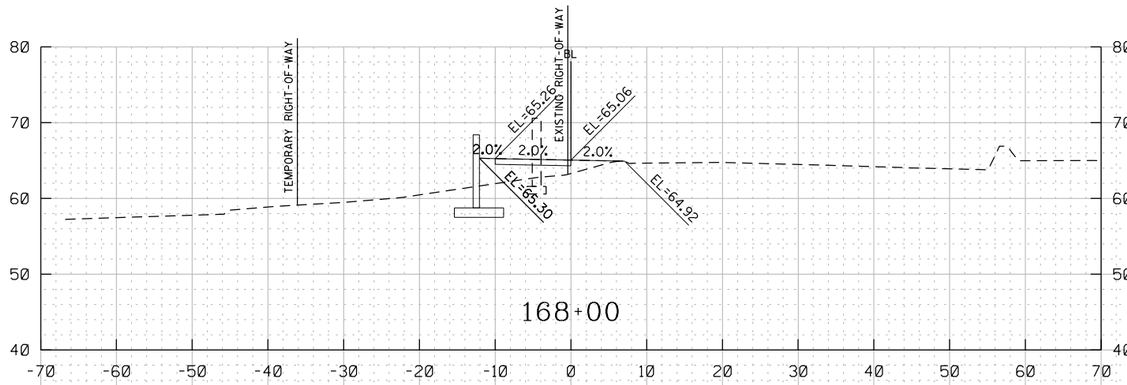
REVISIONS

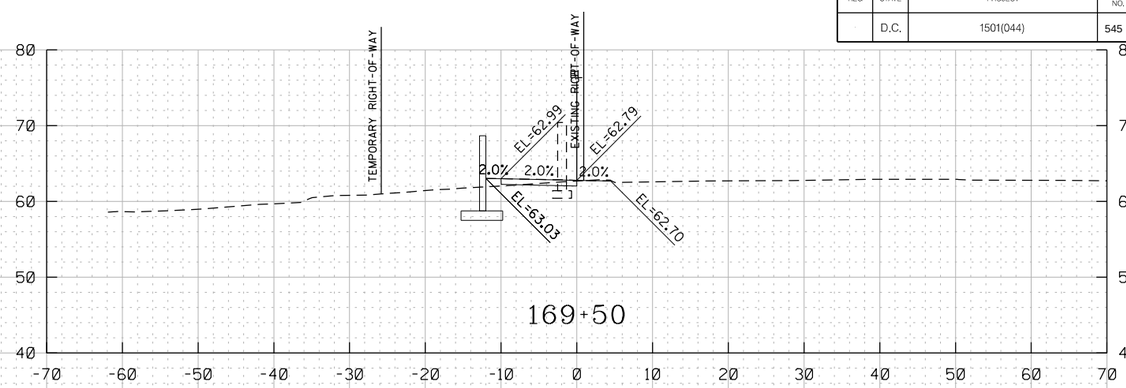
ch2m TOOLE DESIGN

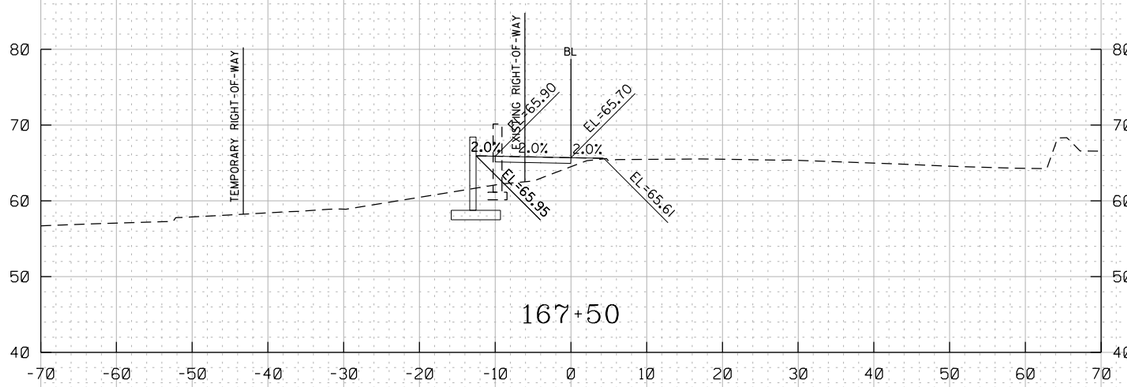
DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

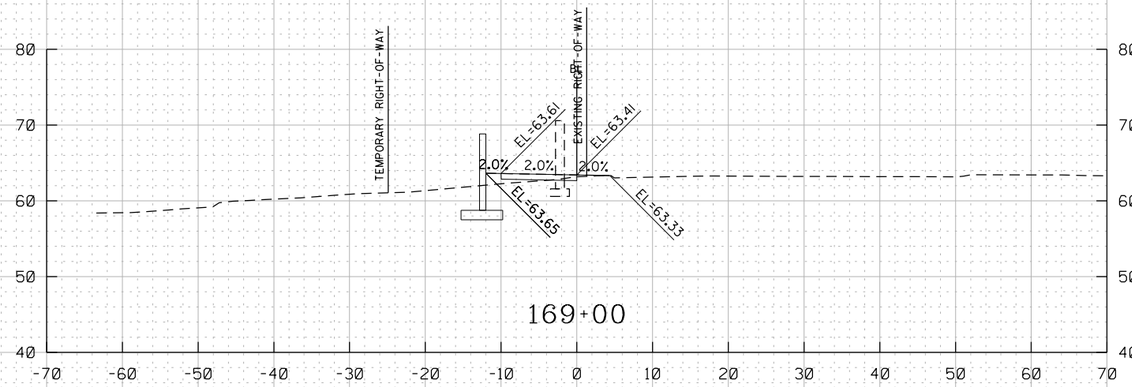
pXS-P07_Overlook4.dgn
8/8/2025

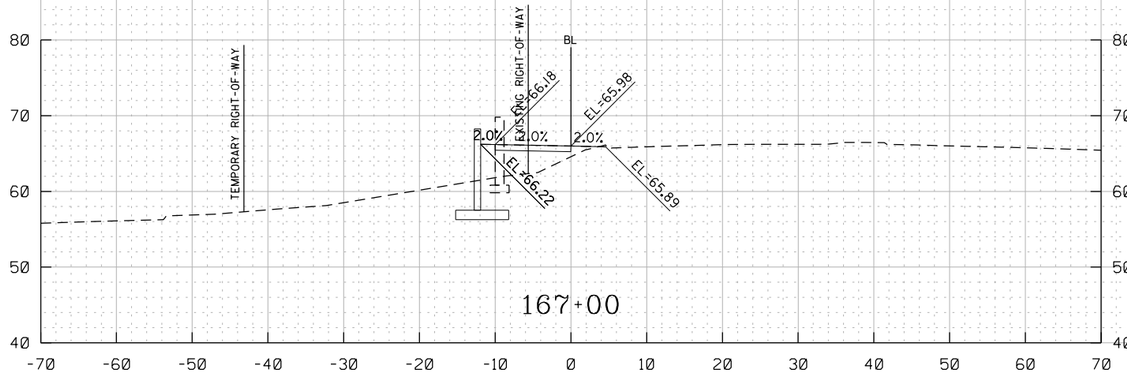
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	545	576

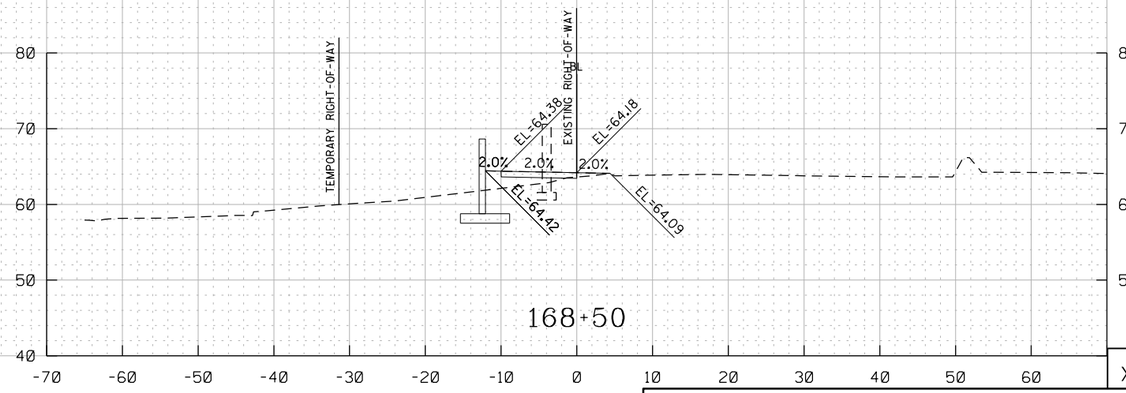












XS-50

pXS-P07_Overlook4.dgn
8/8/2025

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m
TOOLE
DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 167+00 TO STA 169+50

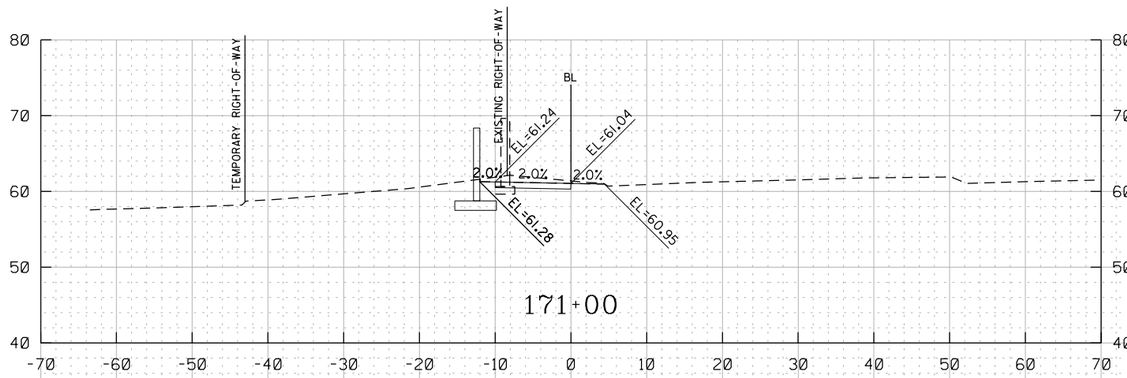
DIVISION CHIEF

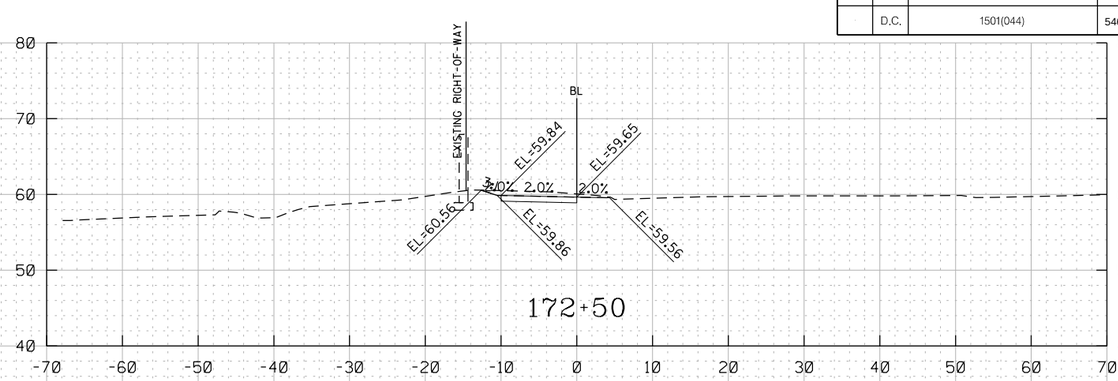
DATE

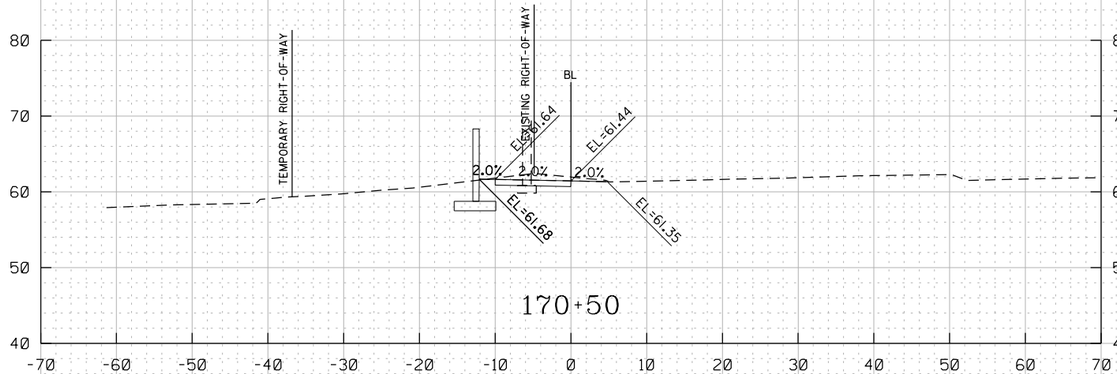
FILE

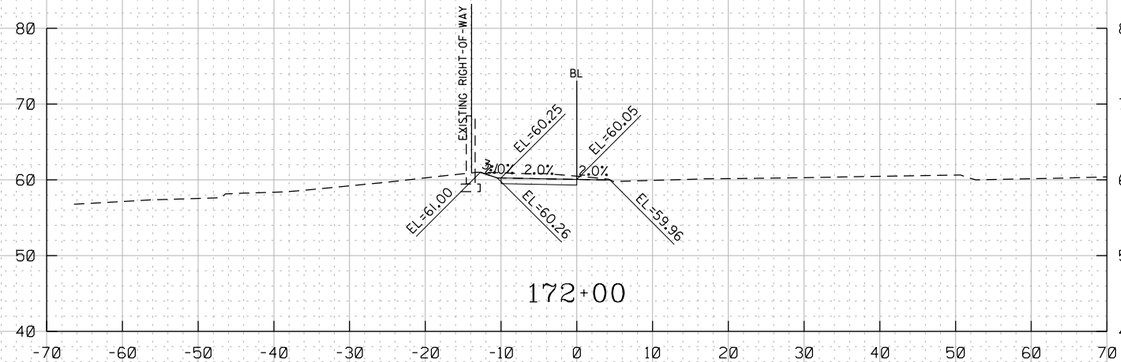
SHEET 545 OF 576

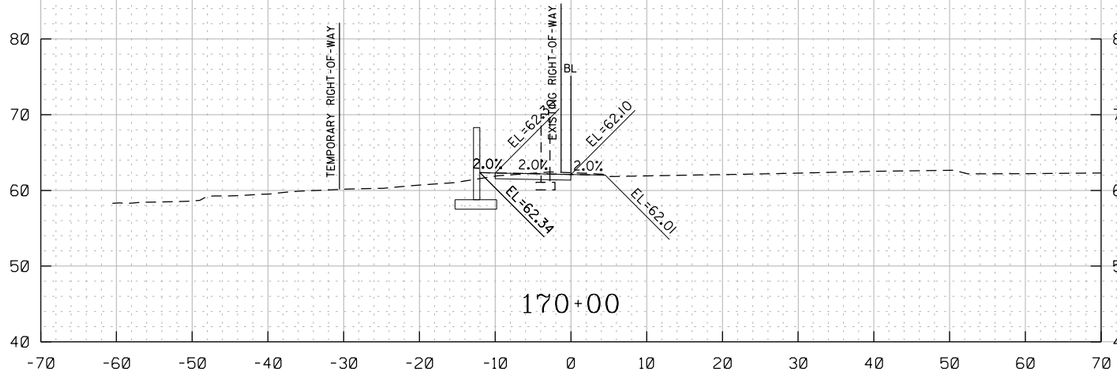
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	546	576

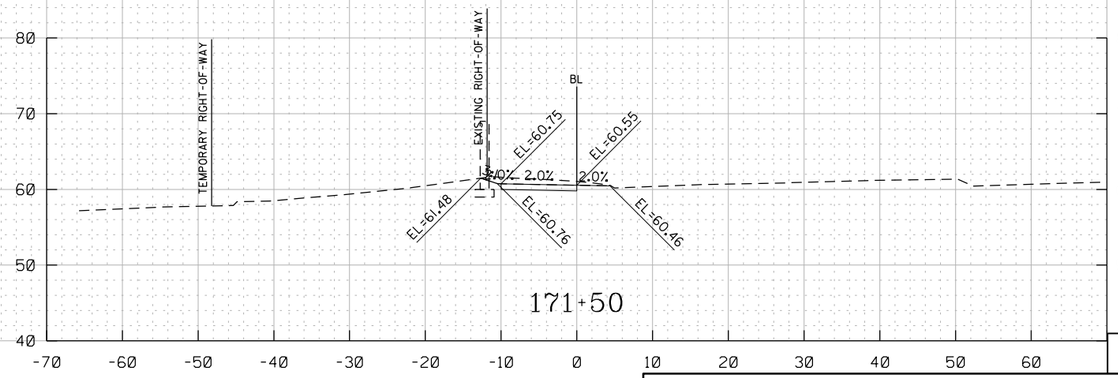












XS-51

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 170+00 TO STA 172+50

DIVISION CHIEF

DATE

FILE

SHEET 546 OF 576

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

NO	DESCRIPTION	NAME	DATE

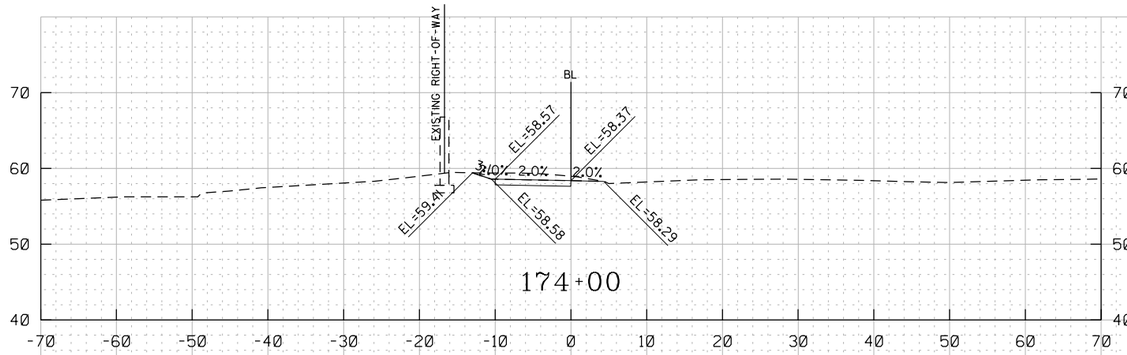
REVISIONS

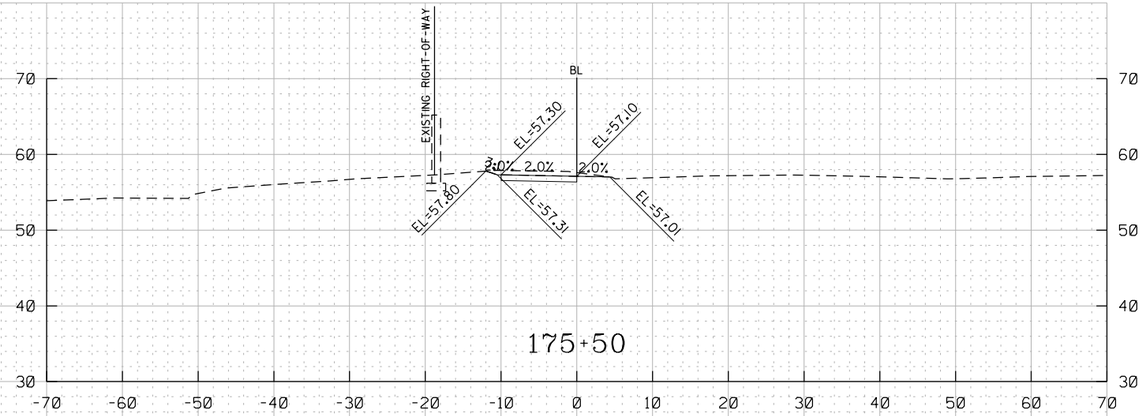
ch2m TOOLE DESIGN

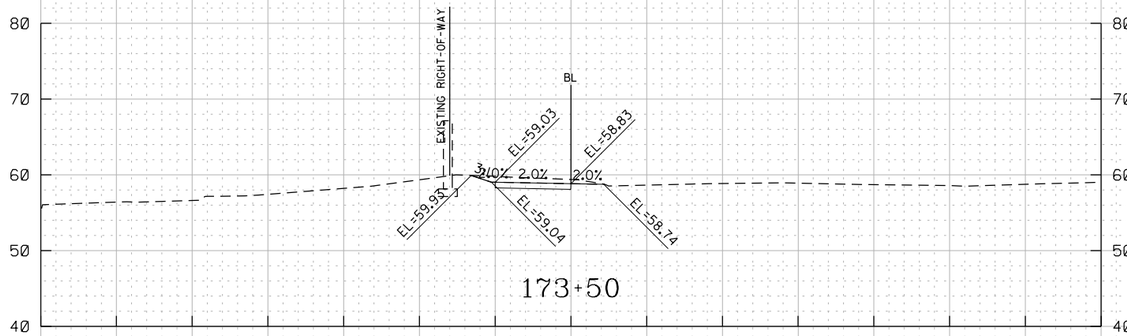
DISTRICT OF COLUMBIA
BRANDON D. SIMONS
NO. PE024782
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

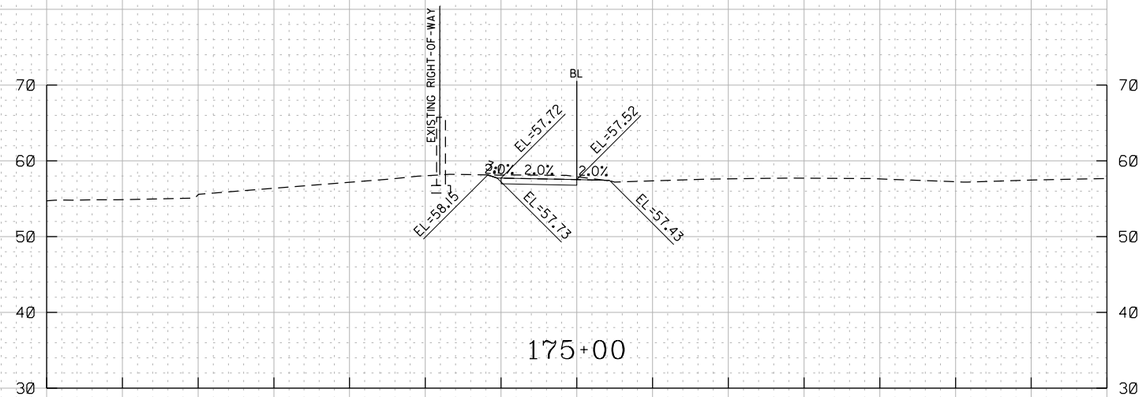
pXS-P07_Overlook4.dgn
8/8/2025

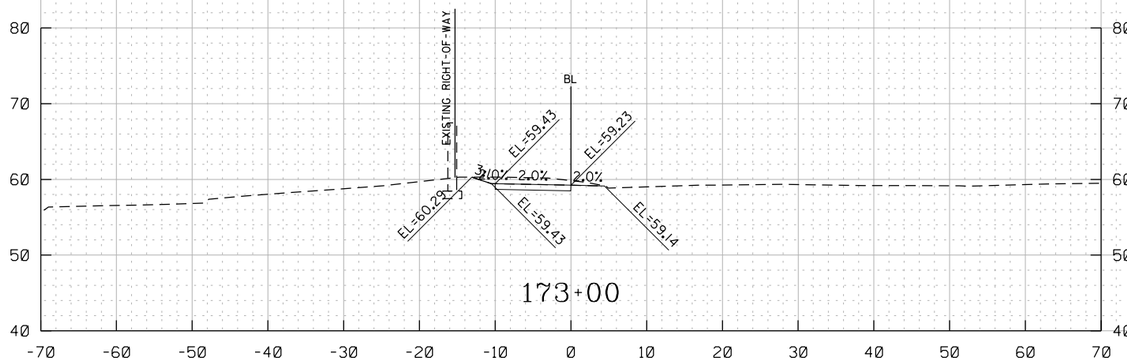
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	547	576

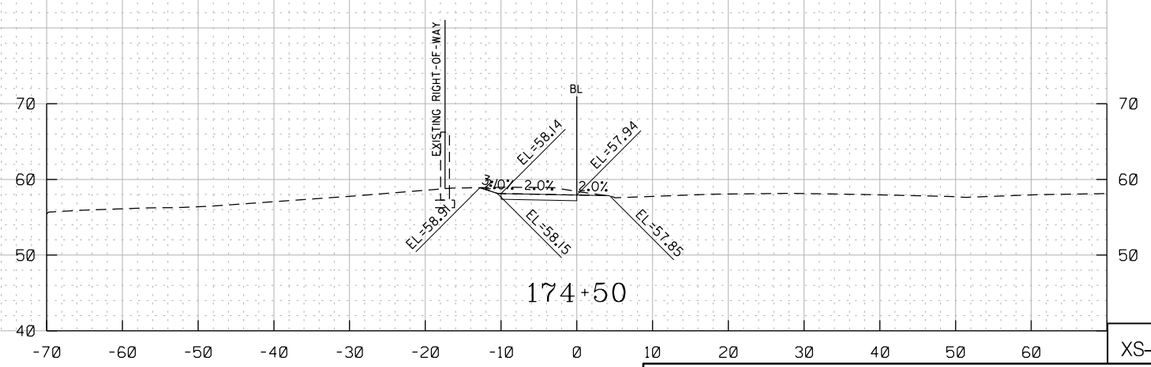












XS-52

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 173+00 TO STA 175+50

DIVISION CHIEF

DATE

FILE

SHEET 547 OF 576

NO	DESCRIPTION	NAME	DATE

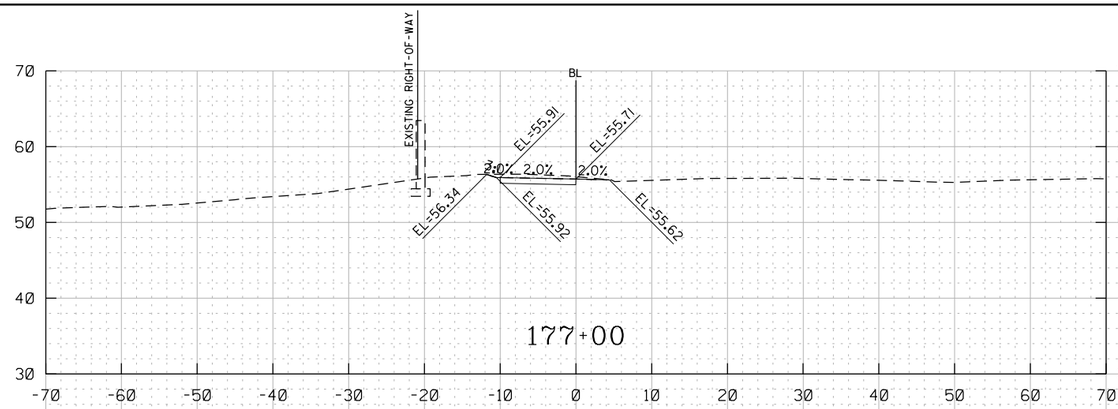
REVISIONS

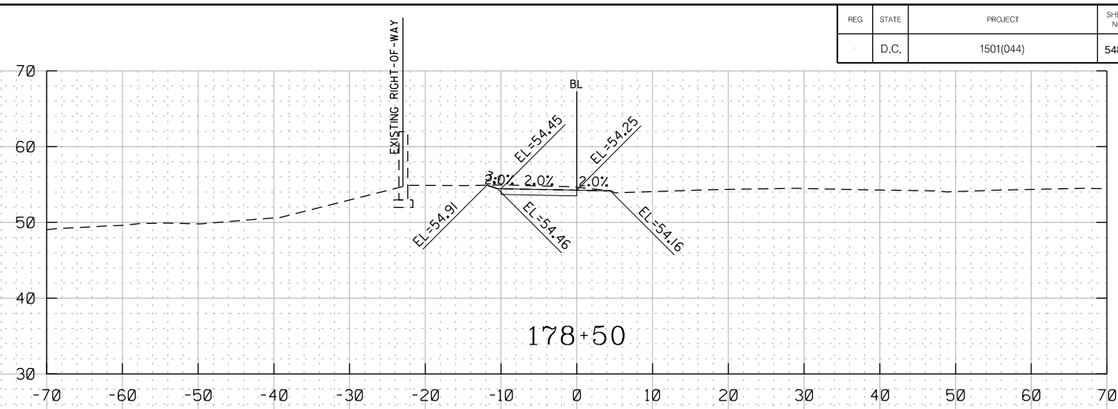
ch2m TOOLE DESIGN

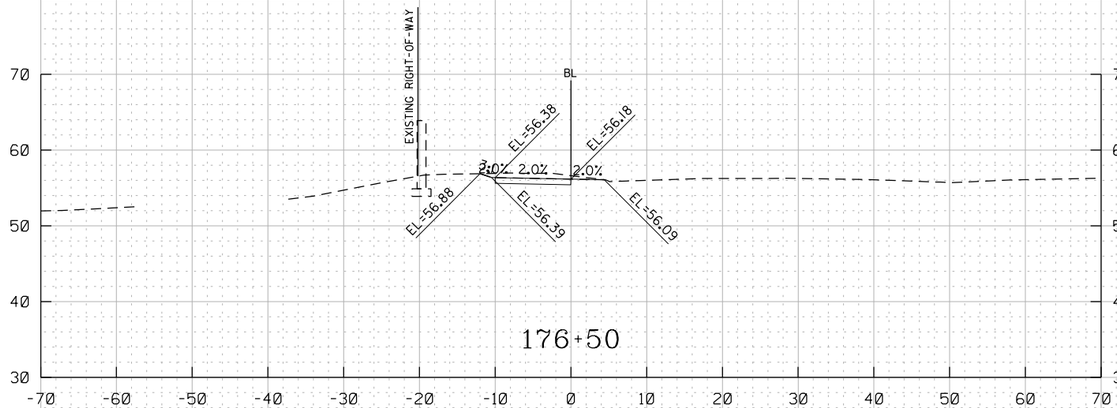
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

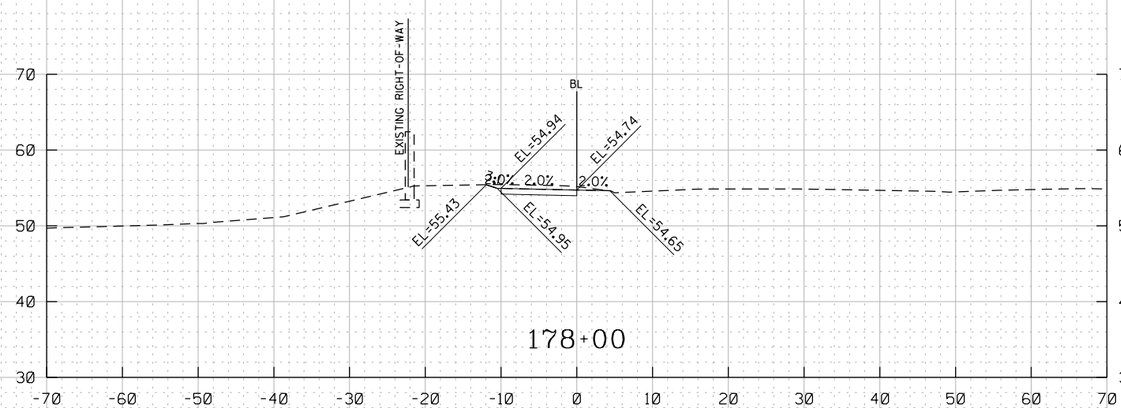
pXS-P07_Overlook4.dgn
8/8/2025

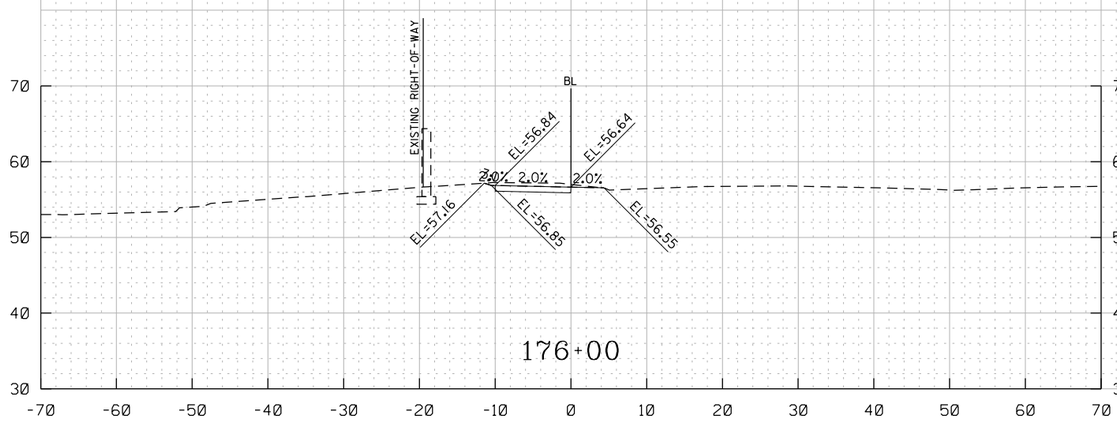
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	548	576

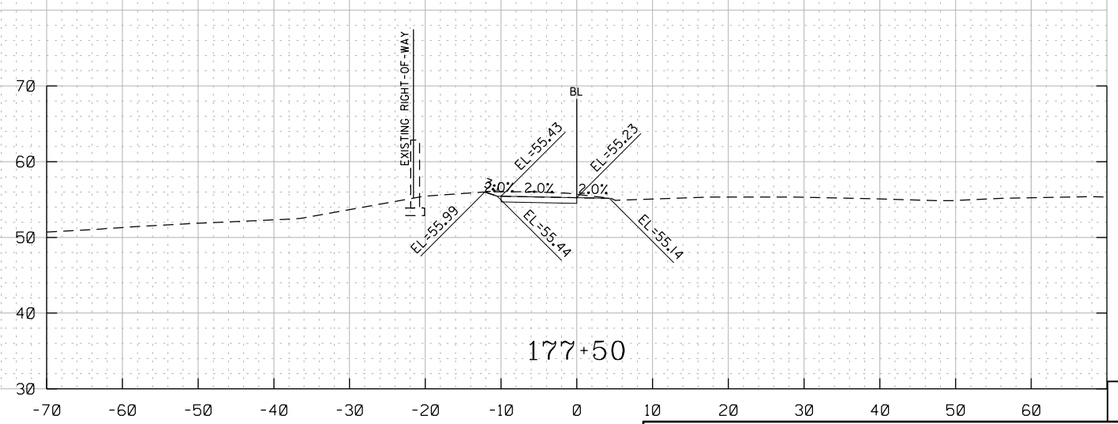












XS-53

pXS-P07_Overlook4.dgn
8/8/2025

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 176+00 TO STA 178+50

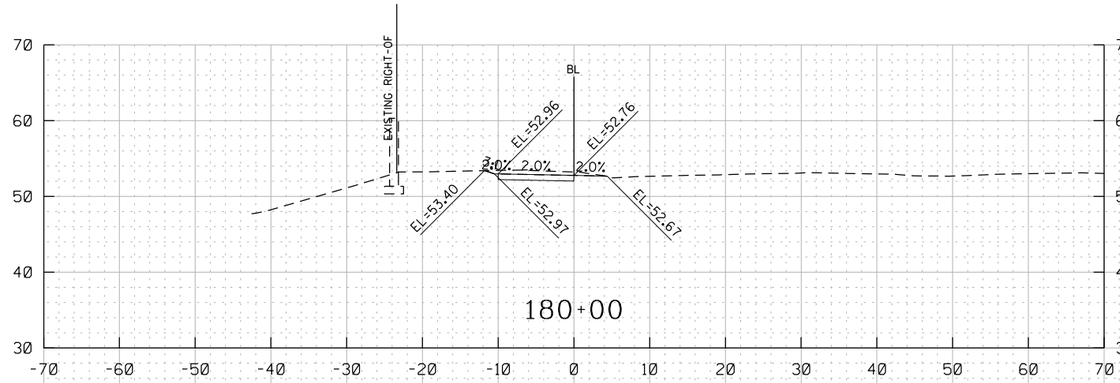
DIVISION CHIEF

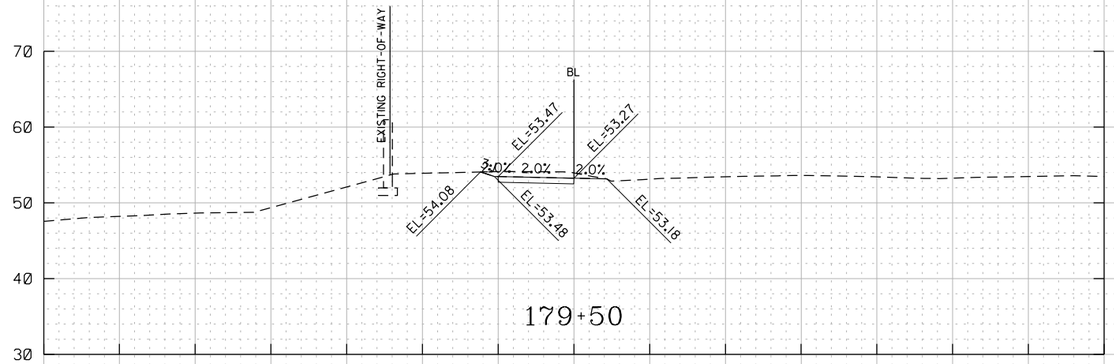
DATE

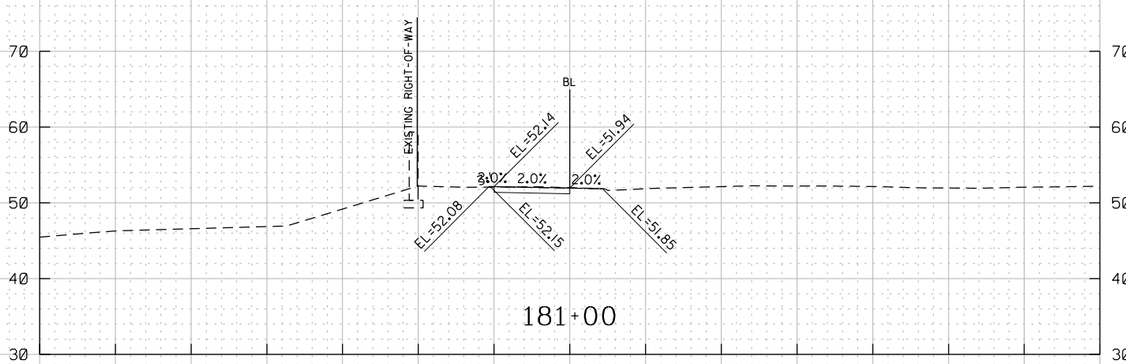
FILE

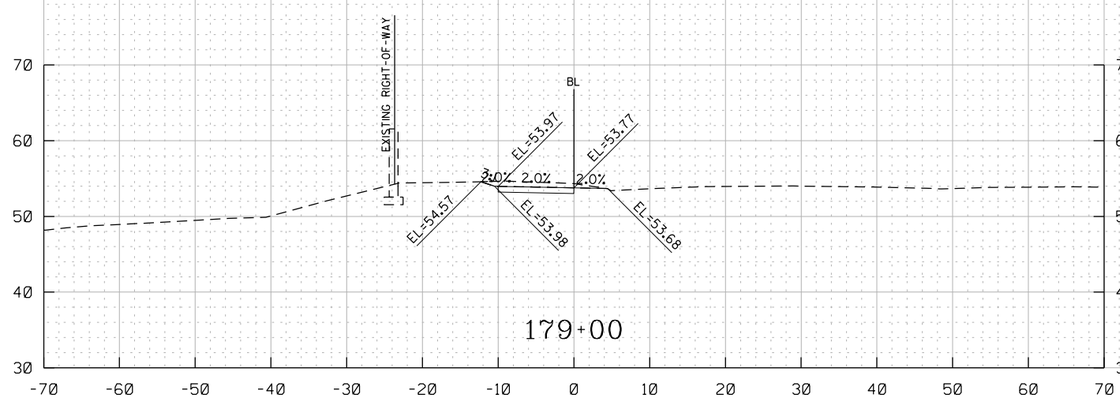
SHEET 548 OF 576

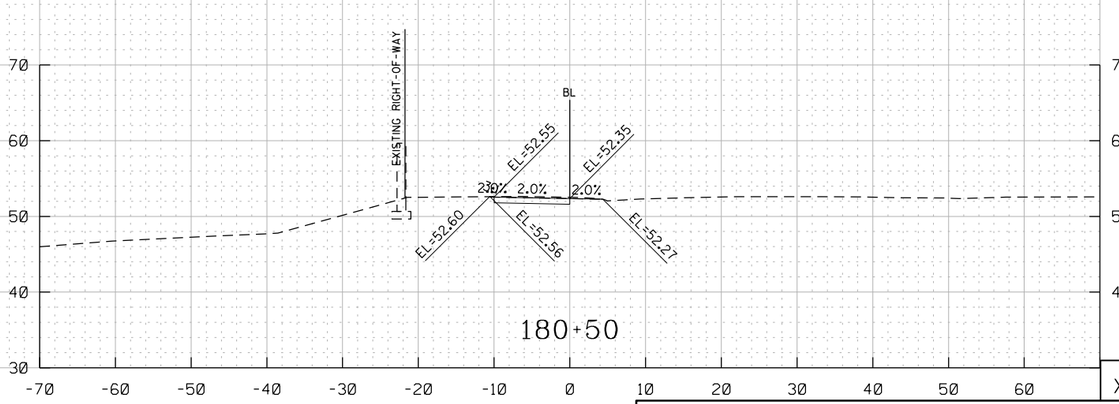
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	549	576











XS-54

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 179+00 TO STA 181+00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 549 OF 576

NO	DESCRIPTION	NAME	DATE

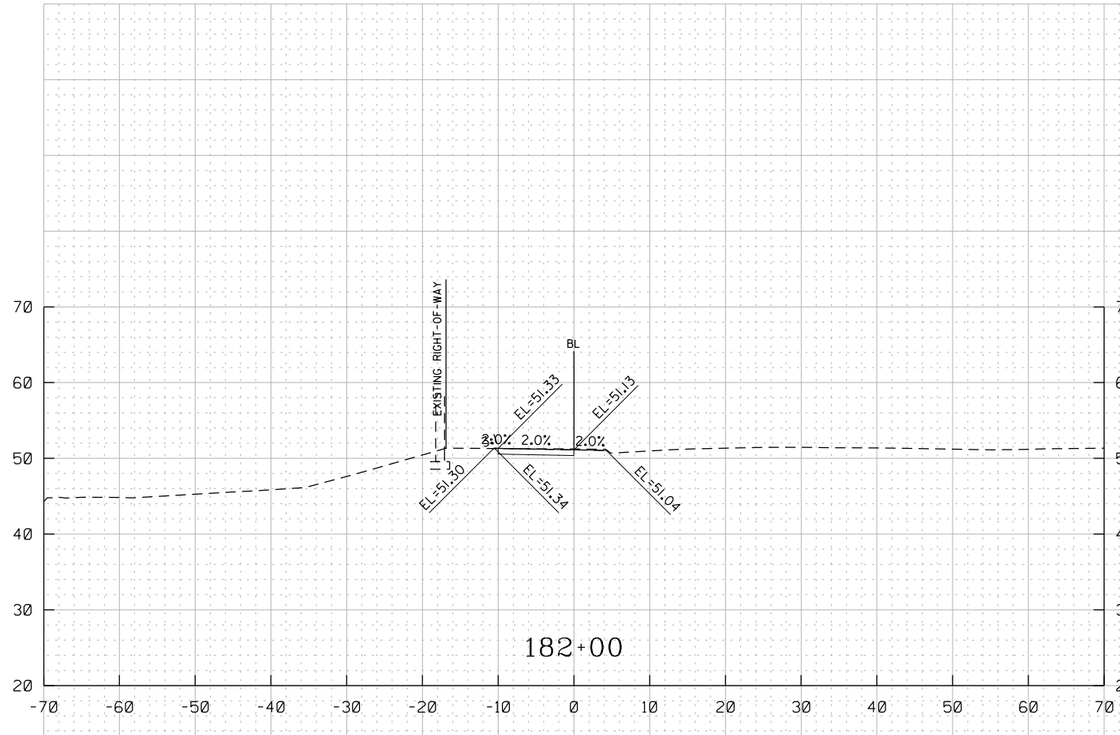
REVISIONS

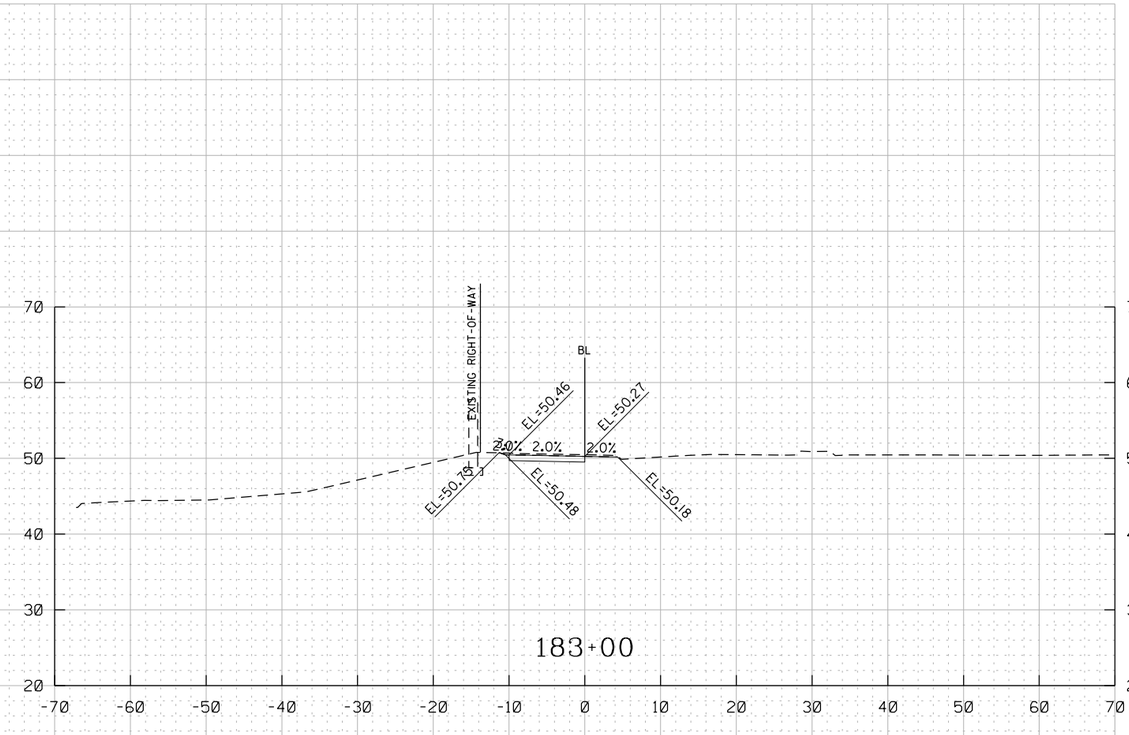
ch2m TOOLE DESIGN

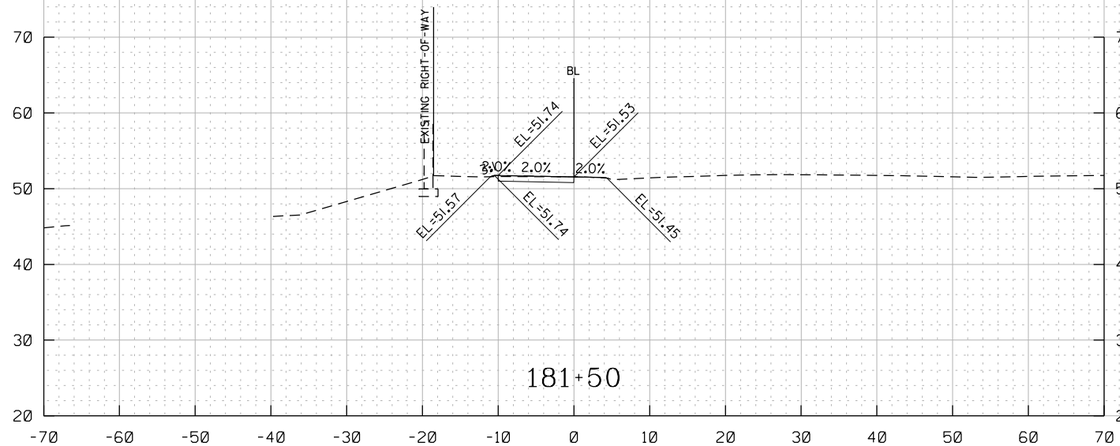
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

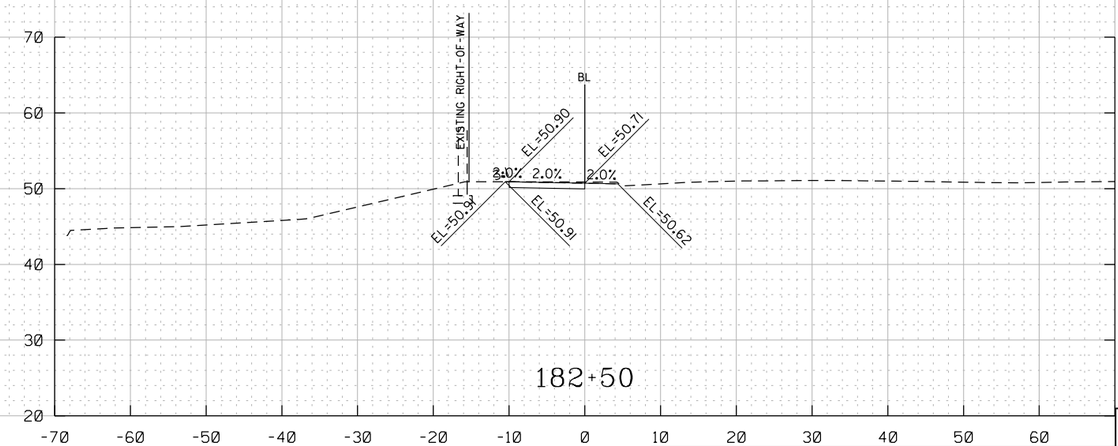
pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	550	576









XS-55

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 181+50 TO STA 183+00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 550 OF 576

NO	DESCRIPTION	NAME	DATE

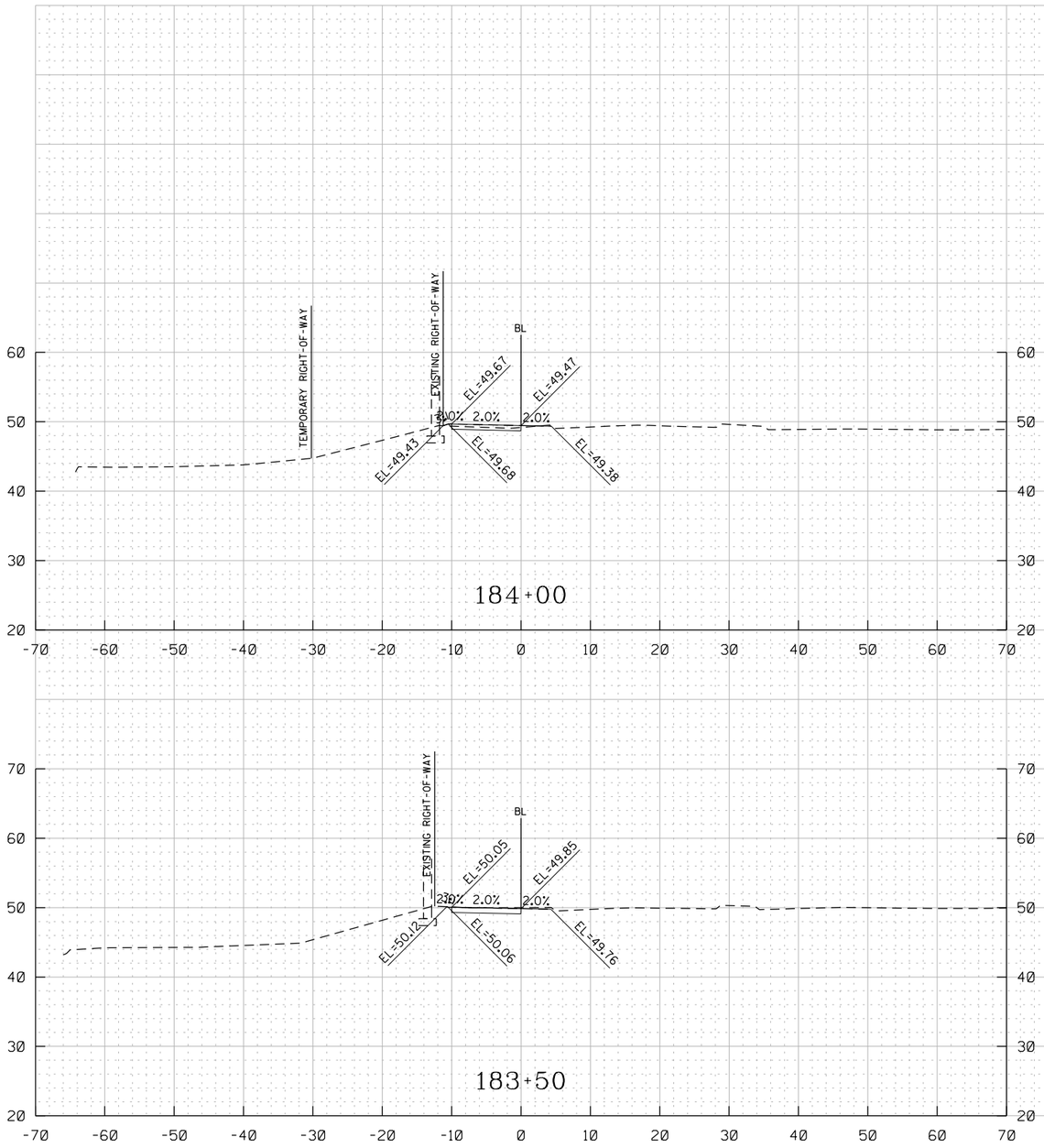
REVISIONS

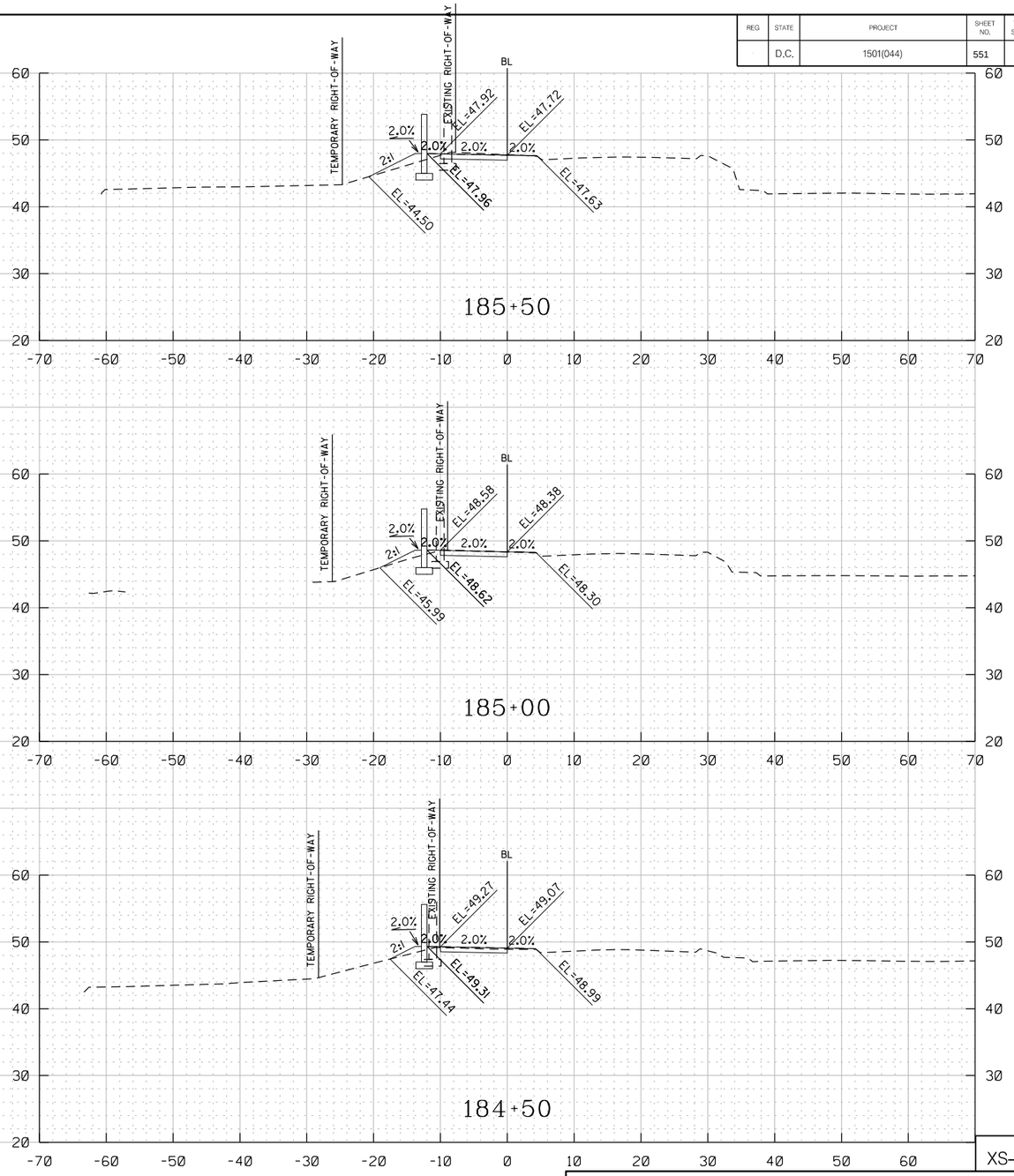
ch2m TOOLE DESIGN

DISTRICT OF COLUMBIA
SHARON D. SMOKE
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	551	576





XS-56

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 183+50 TO STA 185+50

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 551 OF 576

NO	DESCRIPTION	NAME	DATE

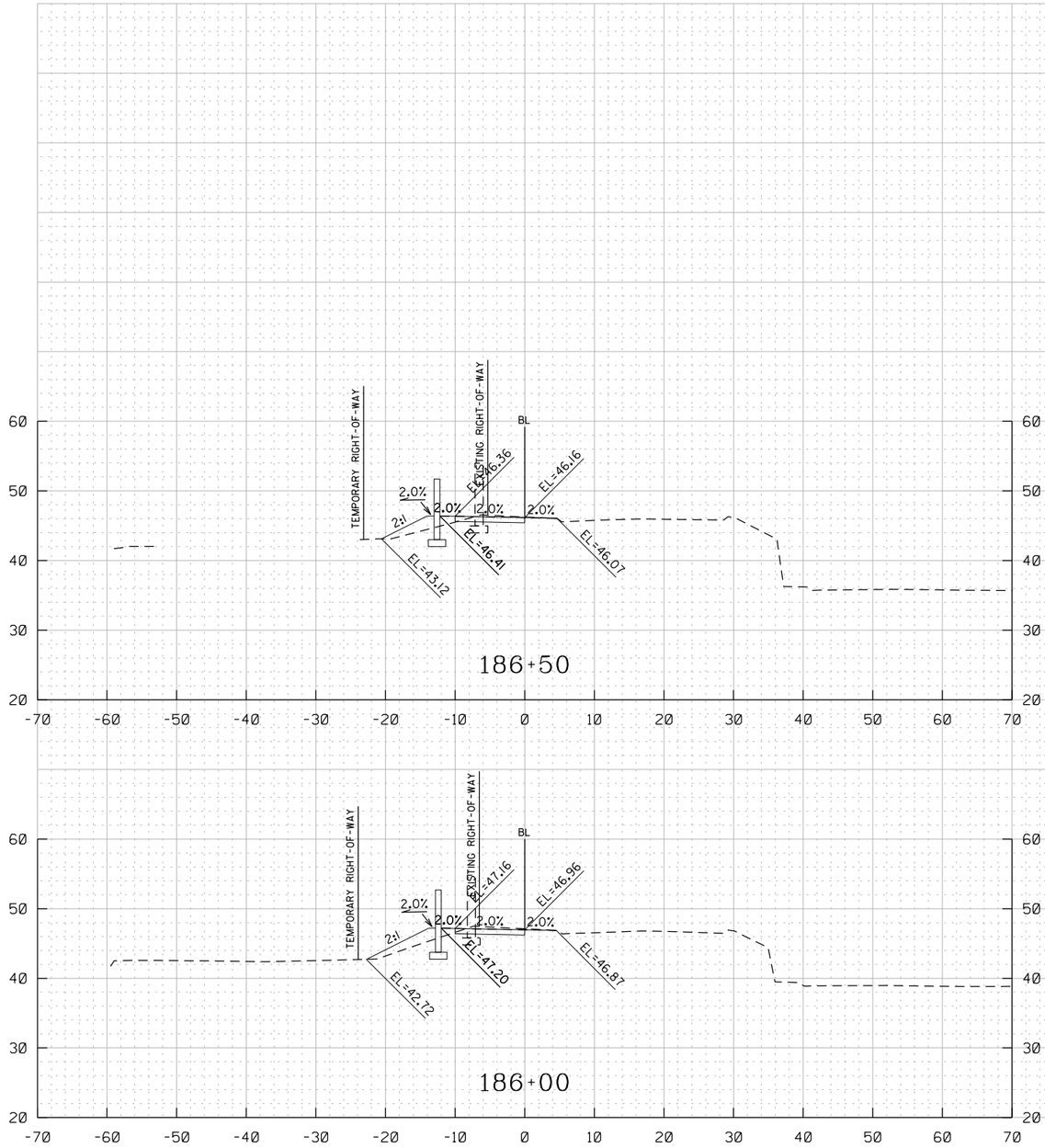
REVISIONS

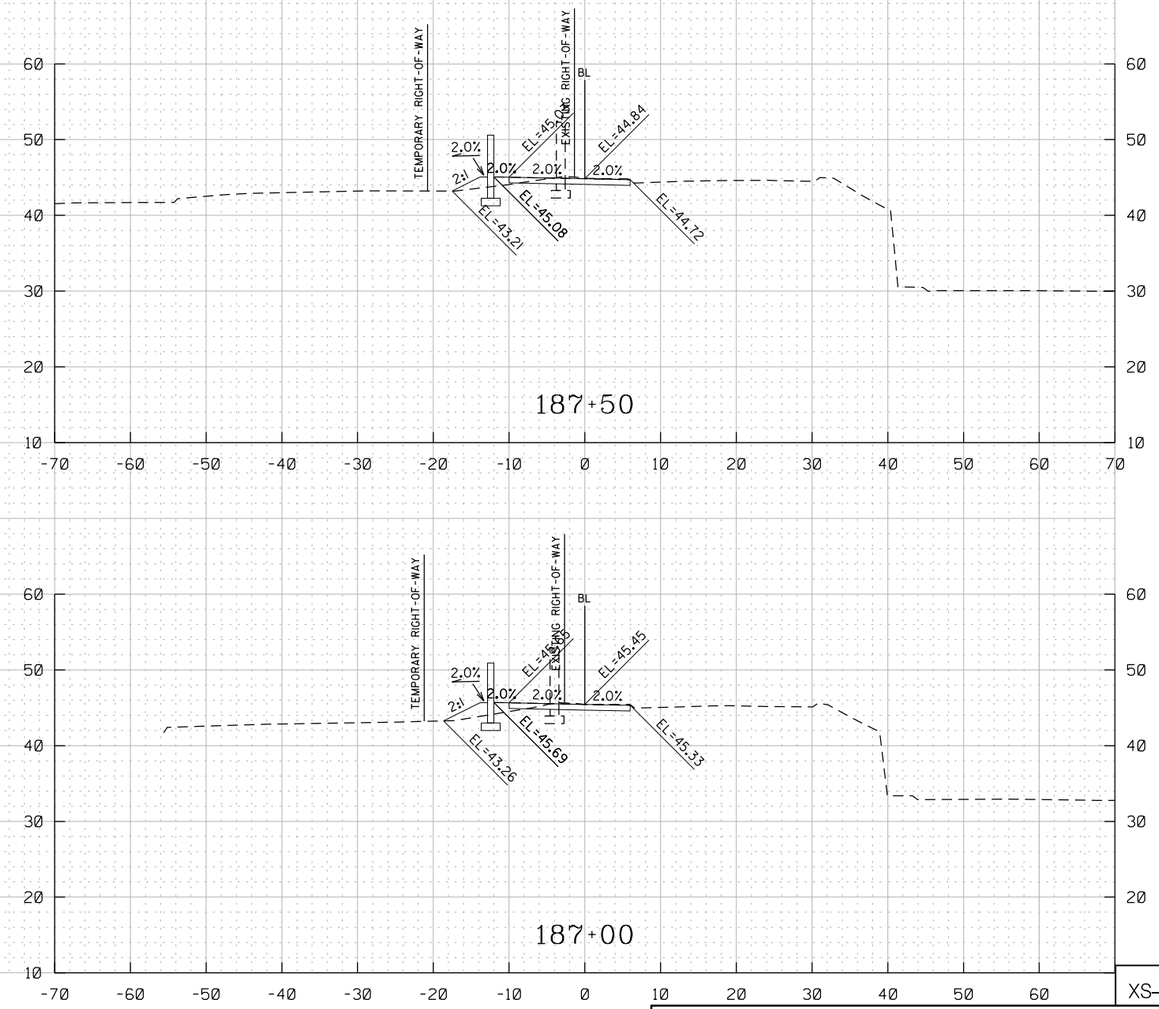
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

pXS-P07_Overlook4.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	552	576





XS-57

pXS-P07_Overlook4.dgn
8/8/2025

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904780
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m
TOOLE
DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 186+00 TO STA 187+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

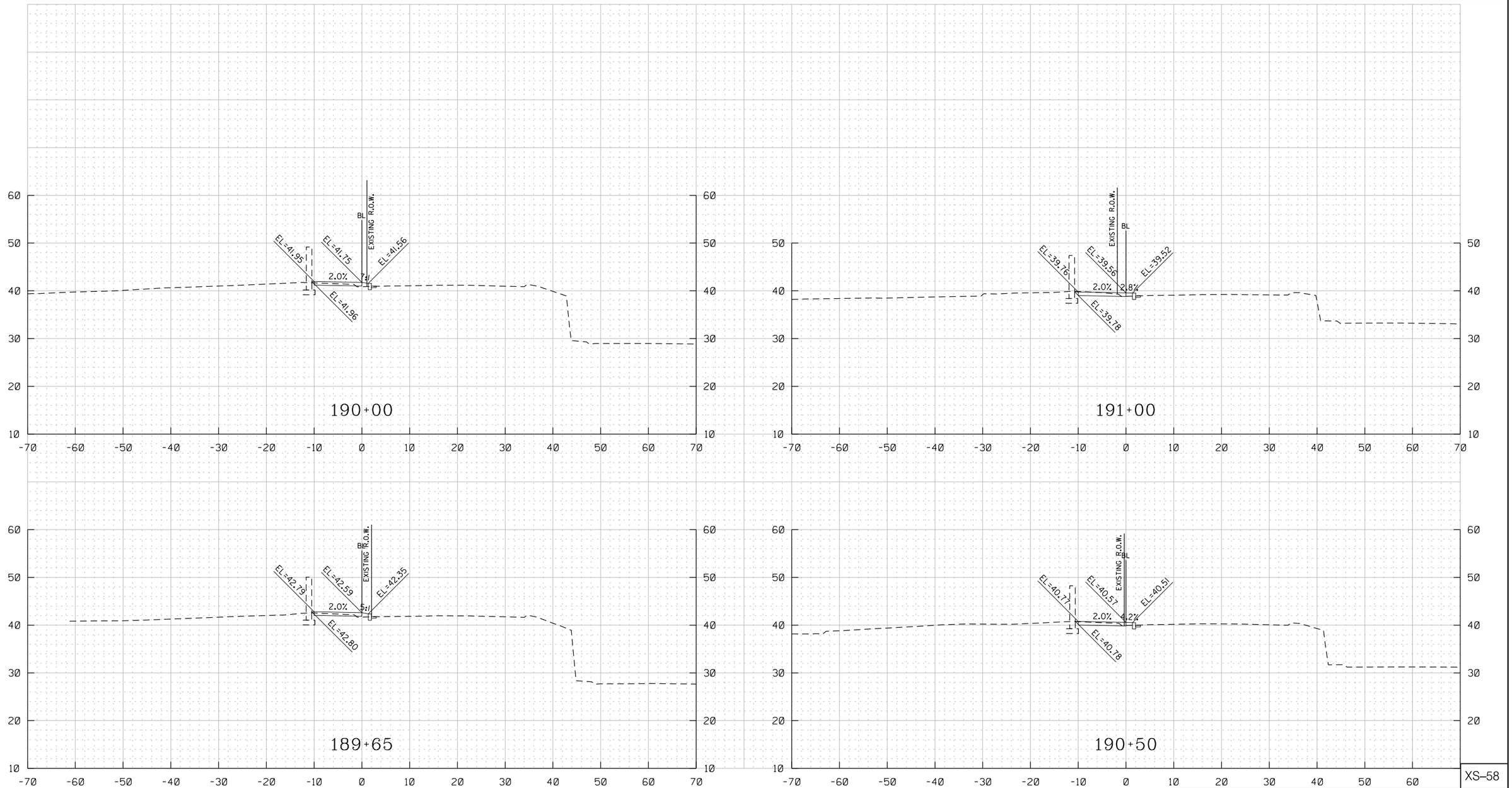
DIVISION CHIEF

DATE

FILE

SHEET 552 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	553	576



XS-58

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

DIVISION CHIEF

DATE

FILE

SHEET 553 OF 576

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 189+65 TO STA 191+00

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m TOOLE DESIGN

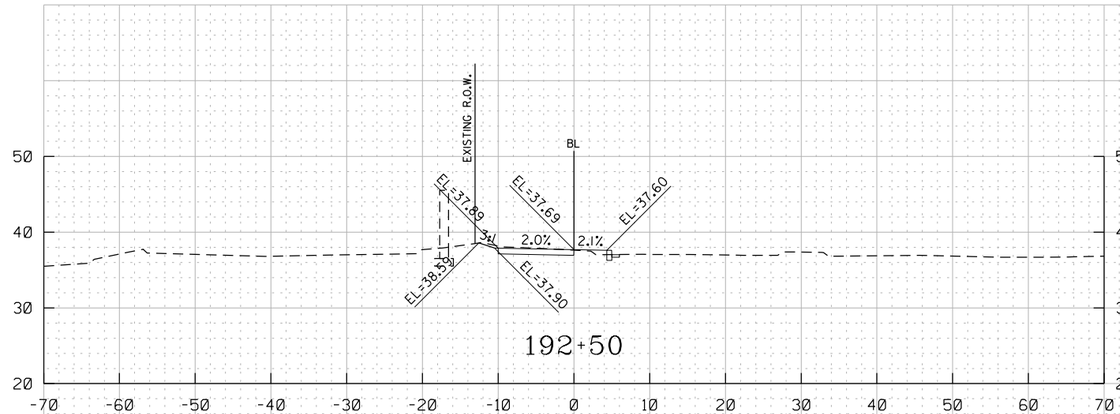
NO	DESCRIPTION	NAME	DATE

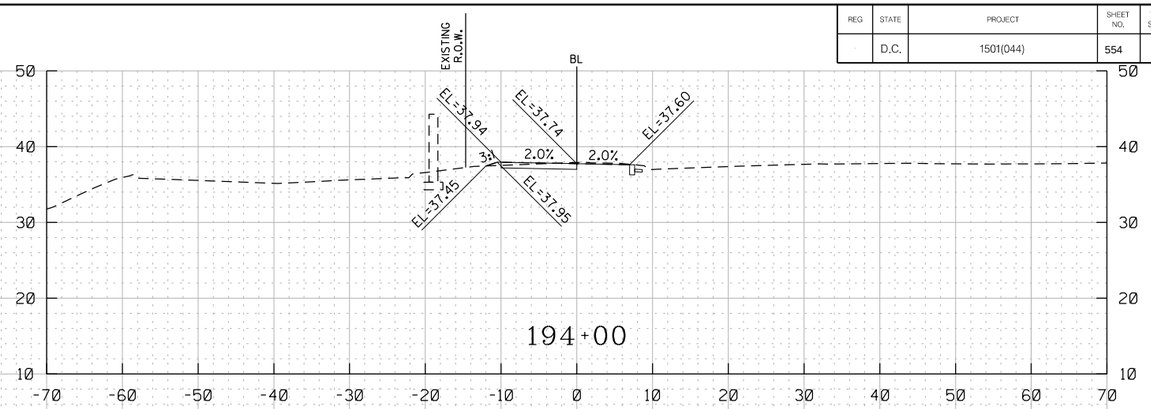
REVISIONS

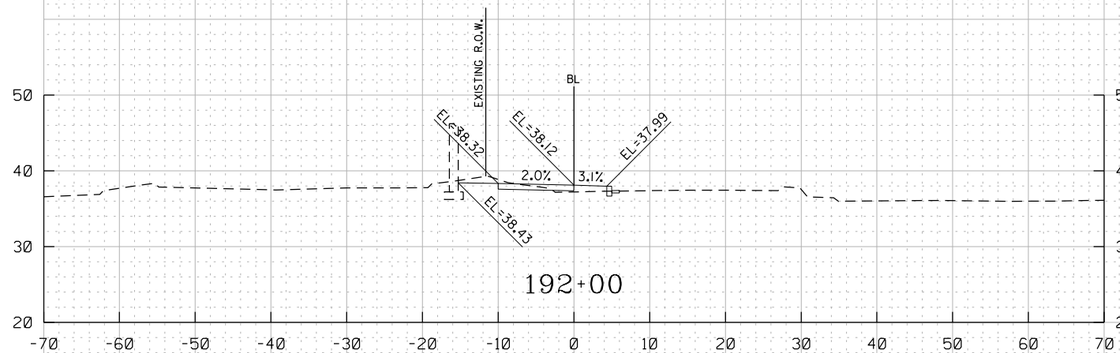
DISTRICT OF COLUMBIA
SHARON D. SHOWS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

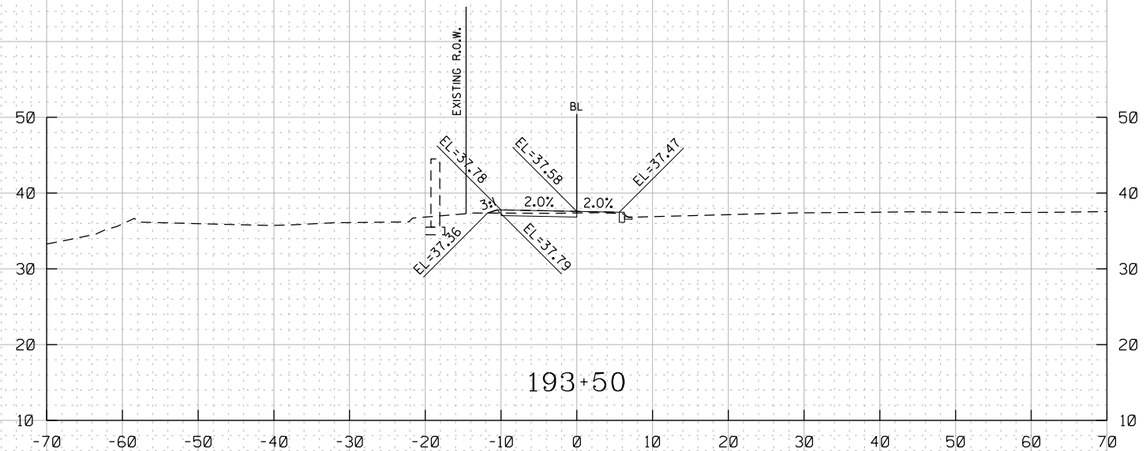
pXS-P08_Overlook5.dgn
8/8/2025

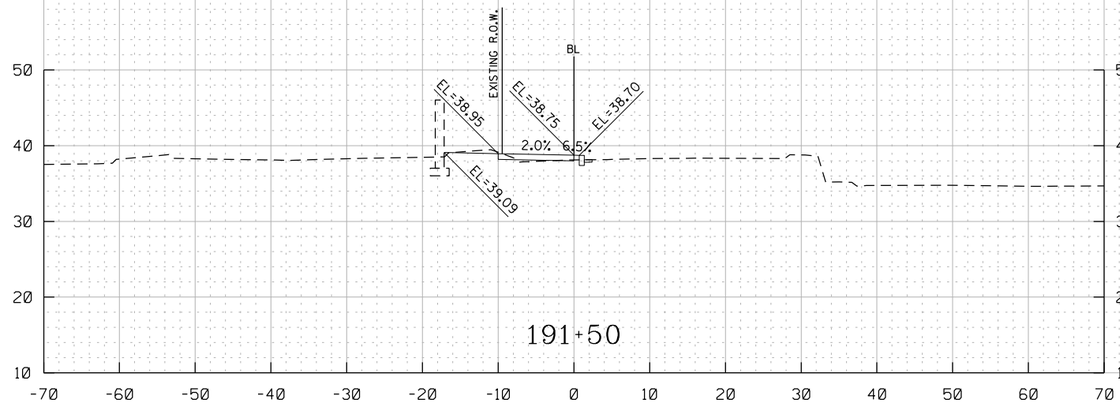
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	554	576

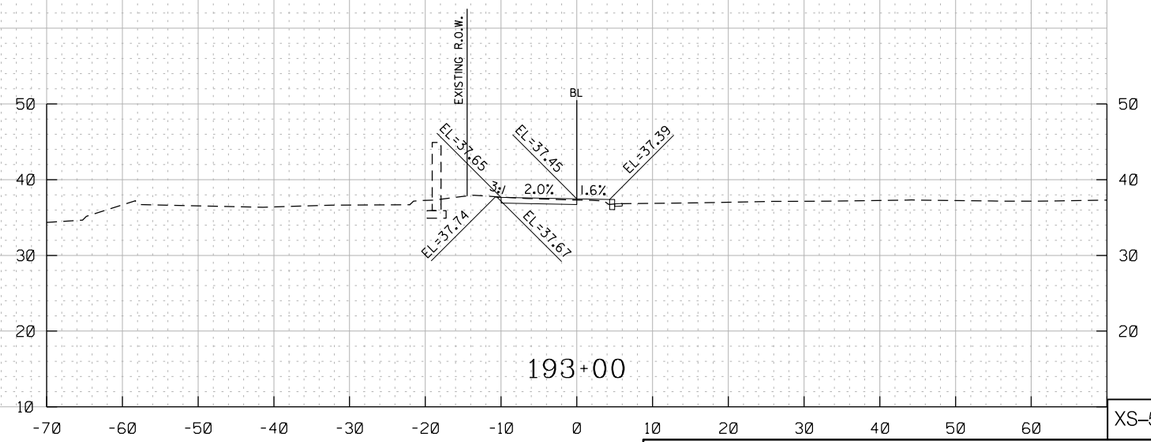












XS–59

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 191+50 TO STA 194+00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 554 OF 576

NO	DESCRIPTION	NAME	DATE

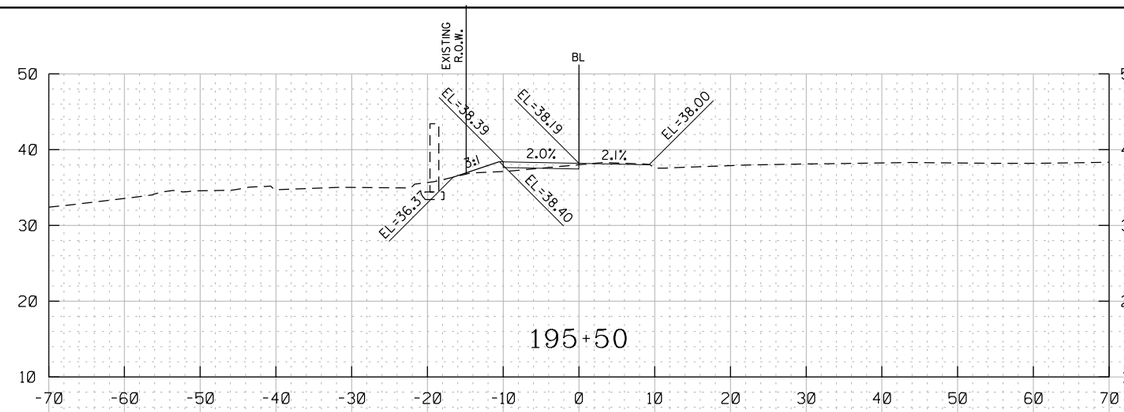
REVISIONS

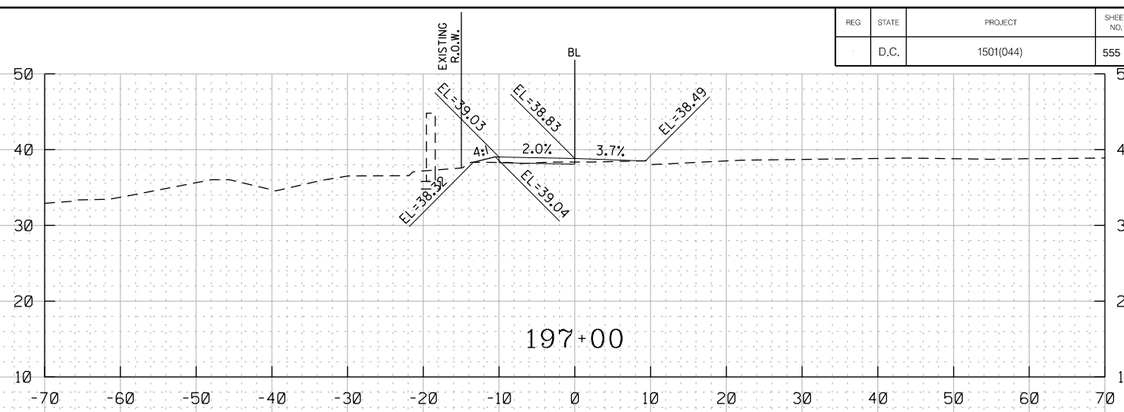
ch2m TOOLE DESIGN

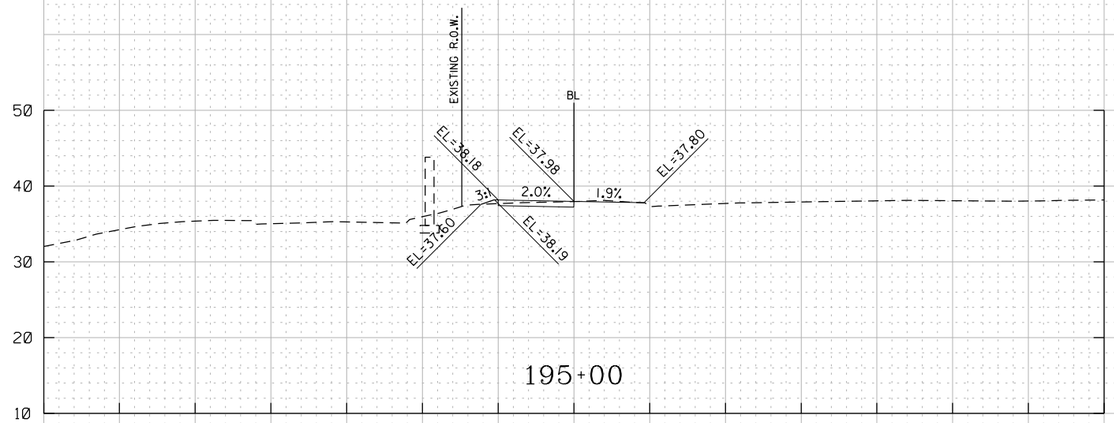
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

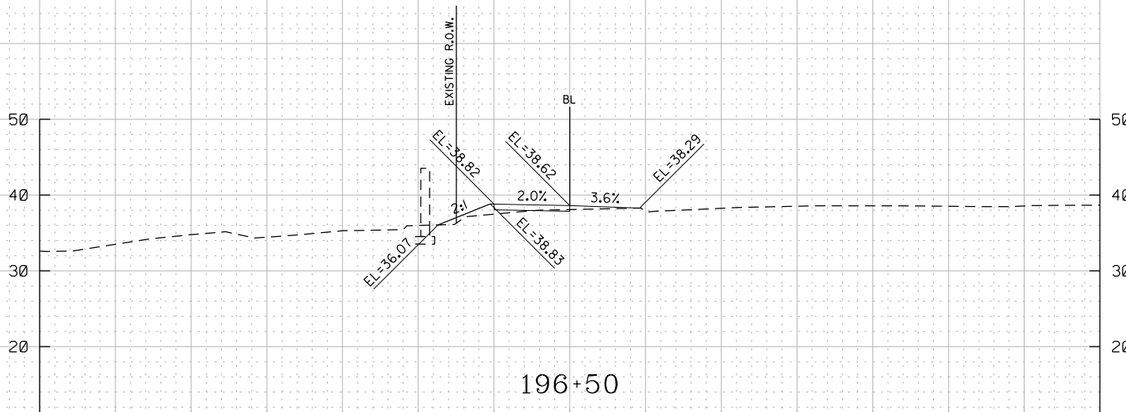
pXS-P08_Overlook5.dgn
8/8/2025

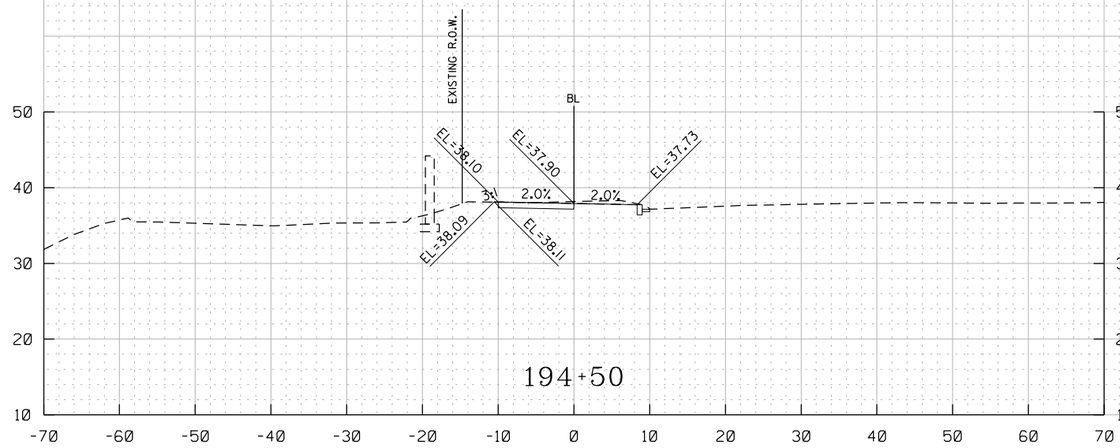
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	555	576

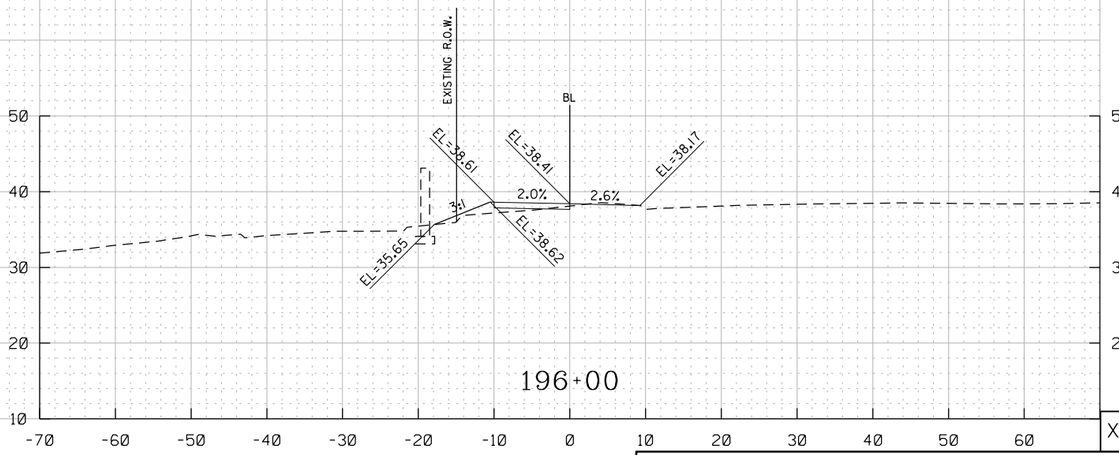












XS–60

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

DISTRICT OF COLUMBIA
RAMLON B. SINGLETON
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P08_Overlook5.dgn
8/8/2025

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 194+50 TO STA 197+00

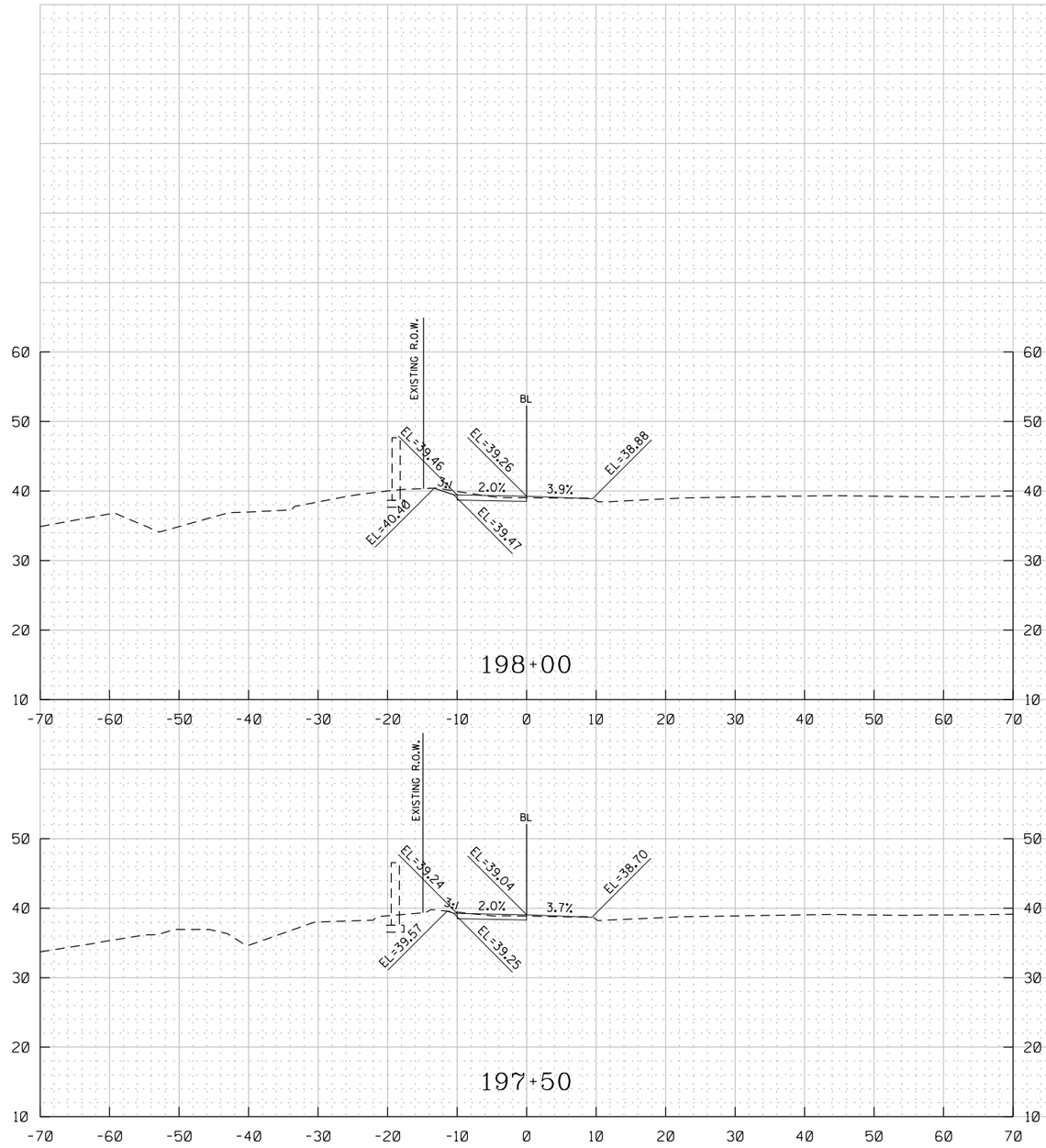
DIVISION CHIEF

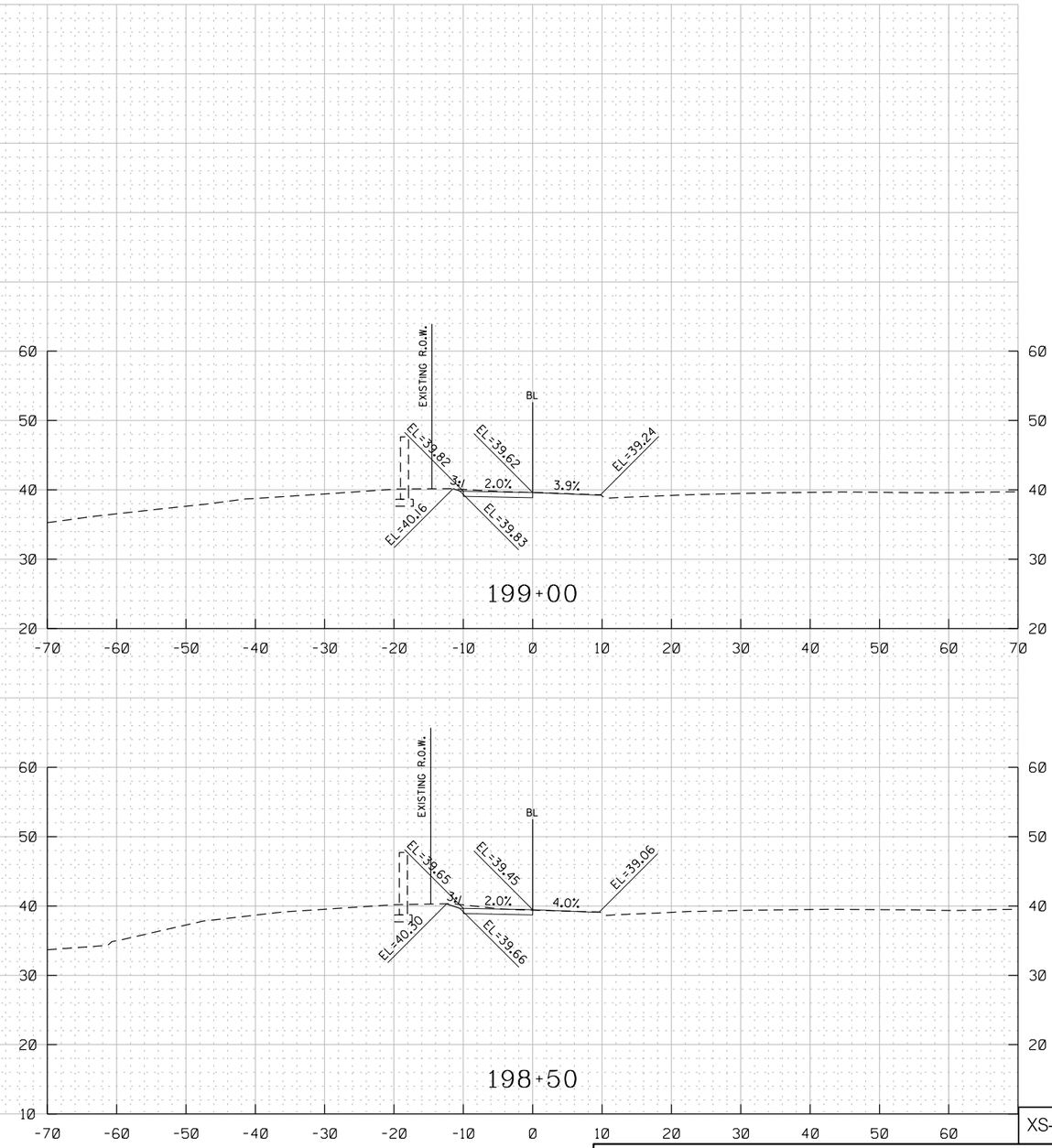
DATE

FILE

SHEET 555 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	556	576





XS–61

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 197+50 TO STA 199+00

DIVISION CHIEF
DATE
FILE
SHEET 556 OF 576

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

NO	DESCRIPTION	NAME	DATE

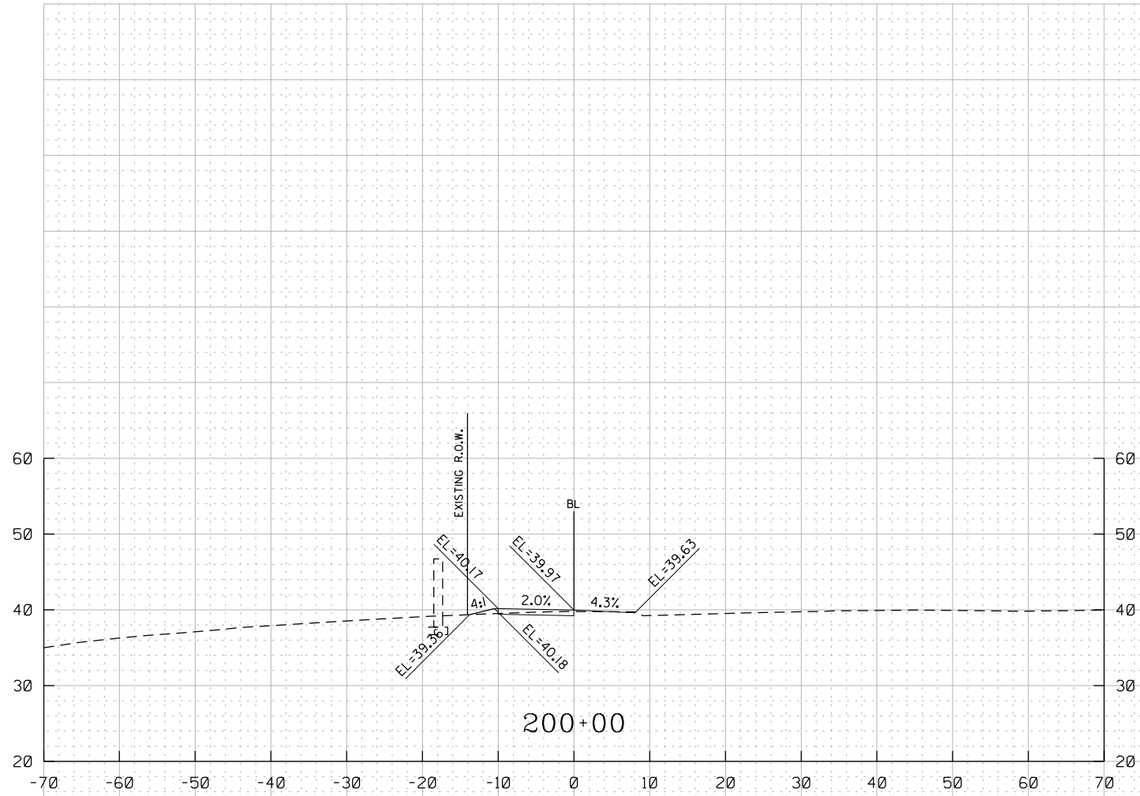
REVISIONS

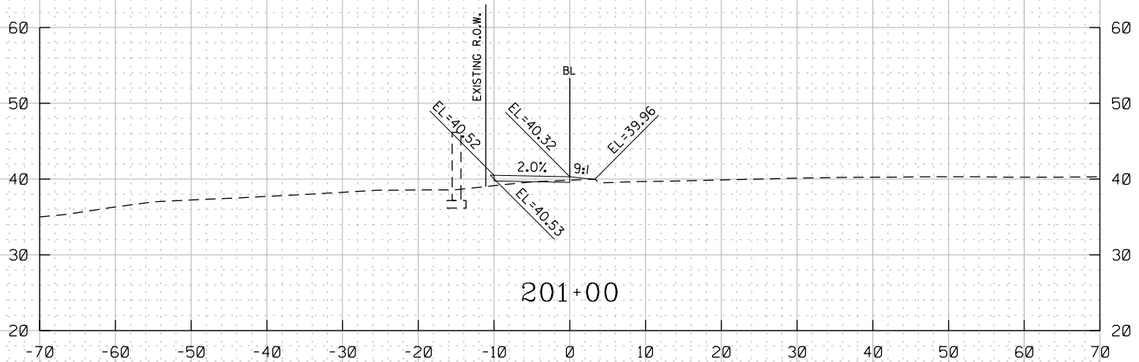
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

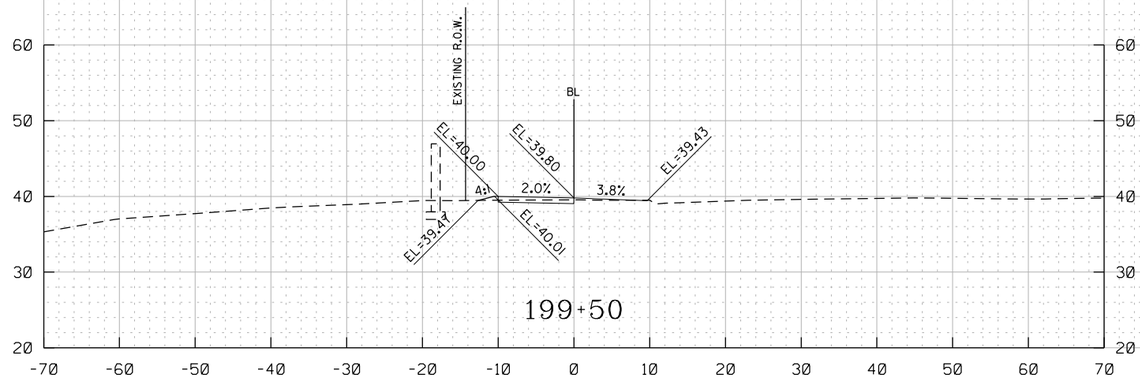
ch2m TOOLE DESIGN

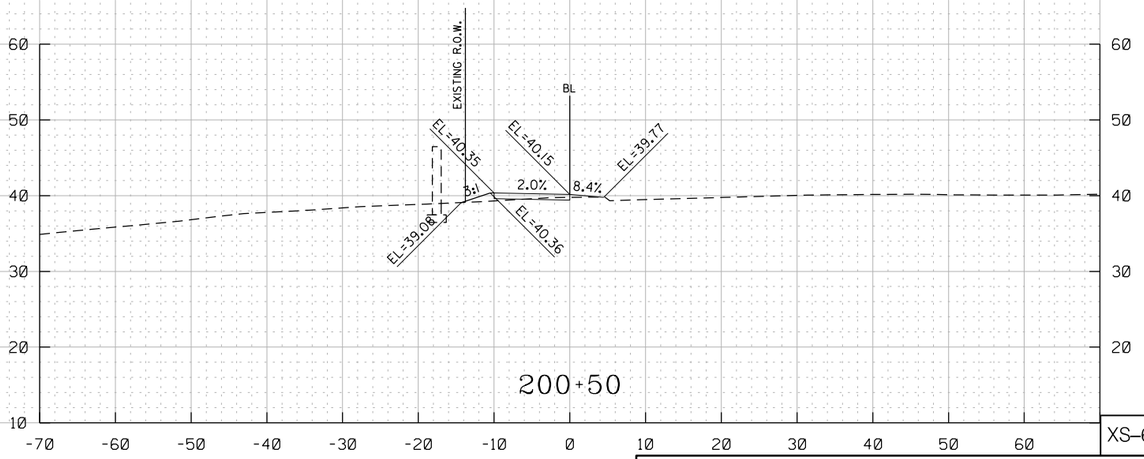
pXS-P08_Overlook5.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	557	576









XS–62

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 199+50 TO STA 201+00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 557 OF 576

NO	DESCRIPTION	NAME	DATE

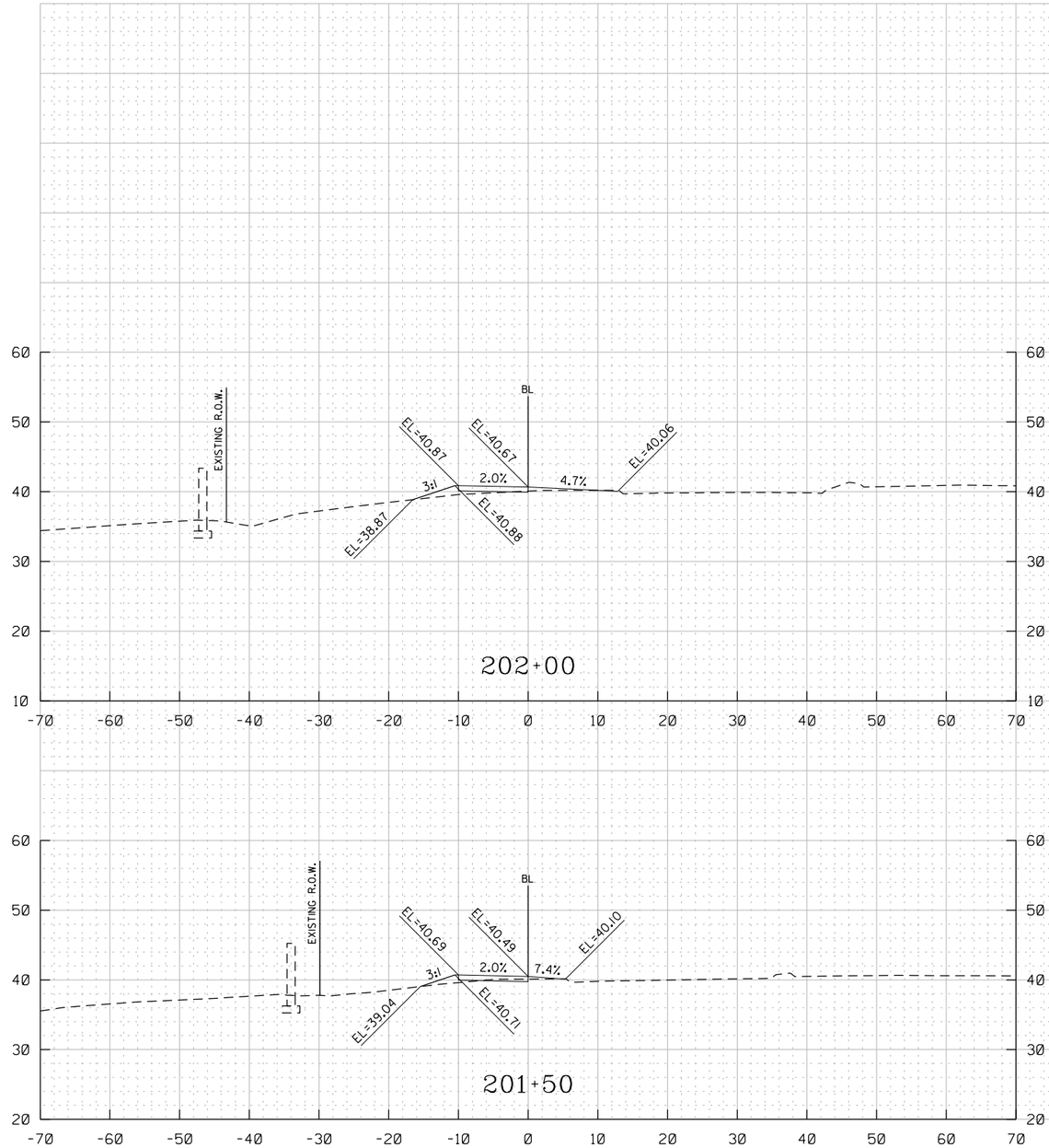
REVISIONS

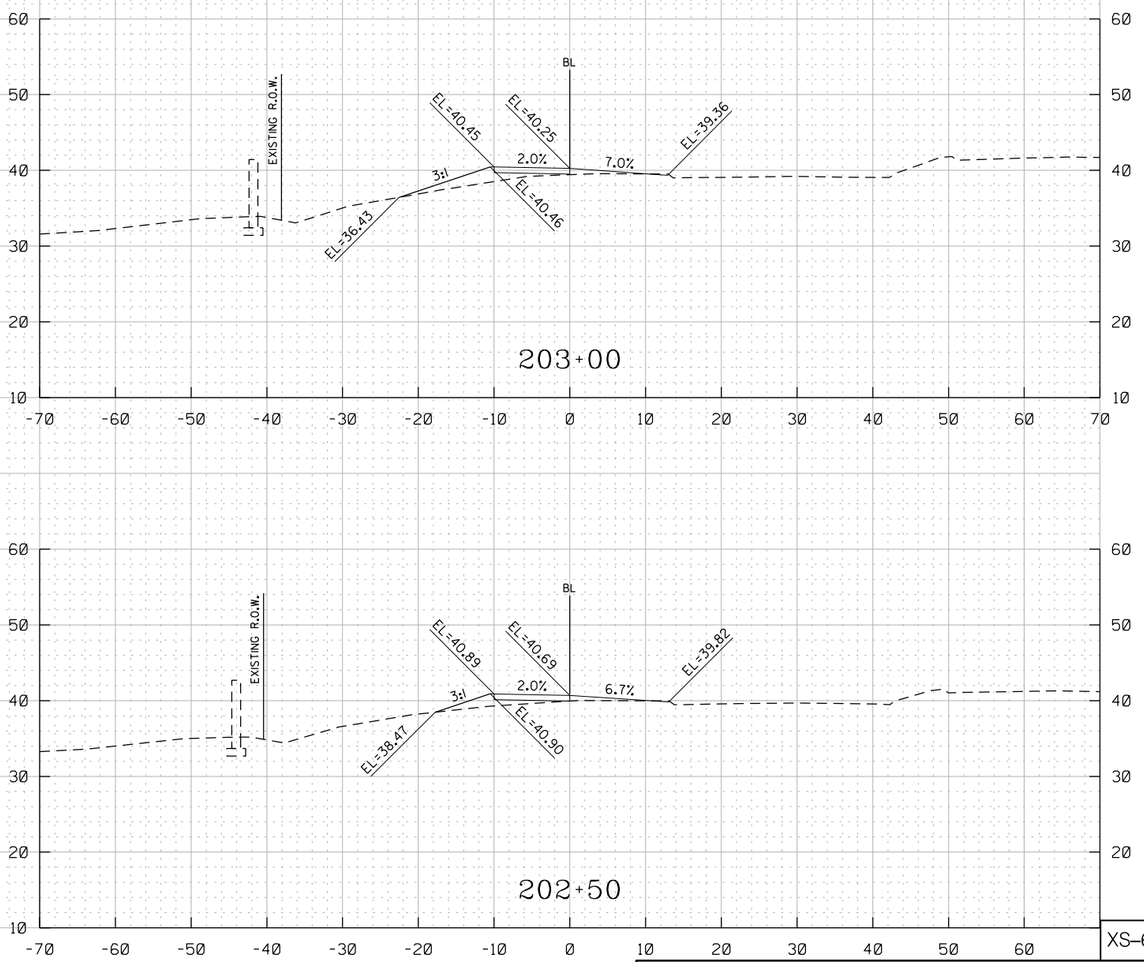
ch2m TOOLE DESIGN

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P08_Overlook5.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	558	576





XS–63

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 201+50 TO STA 203+00X

DIVISION CHIEF

DATE
FILE
SHEET 558 OF 576

NO	DESCRIPTION	NAME	DATE

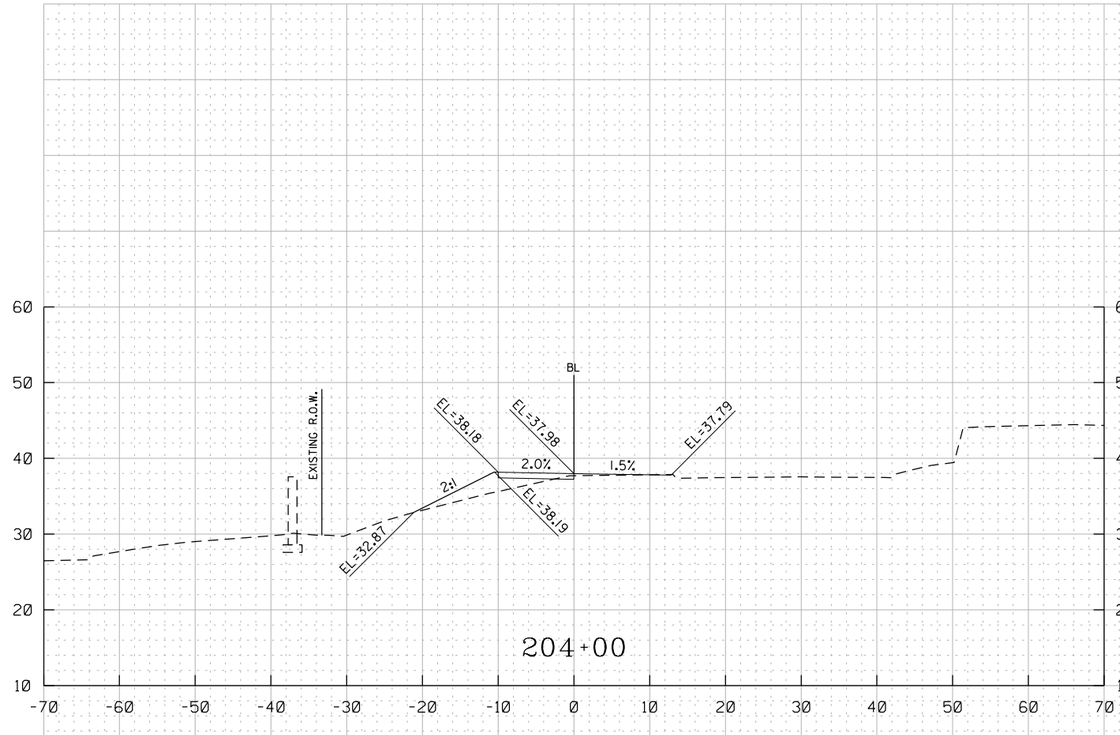
REVISIONS

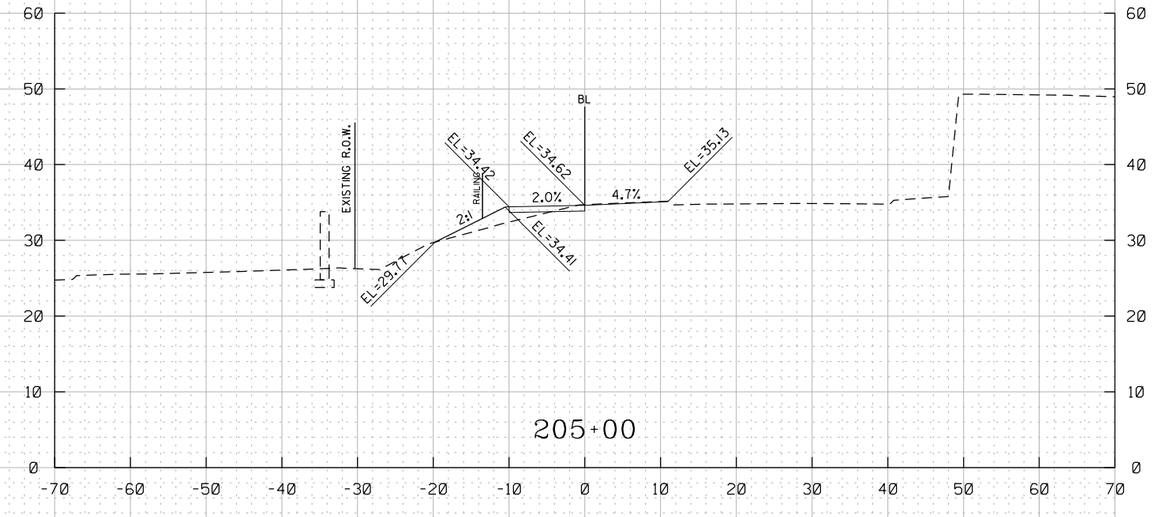
ch2m TOOLE DESIGN

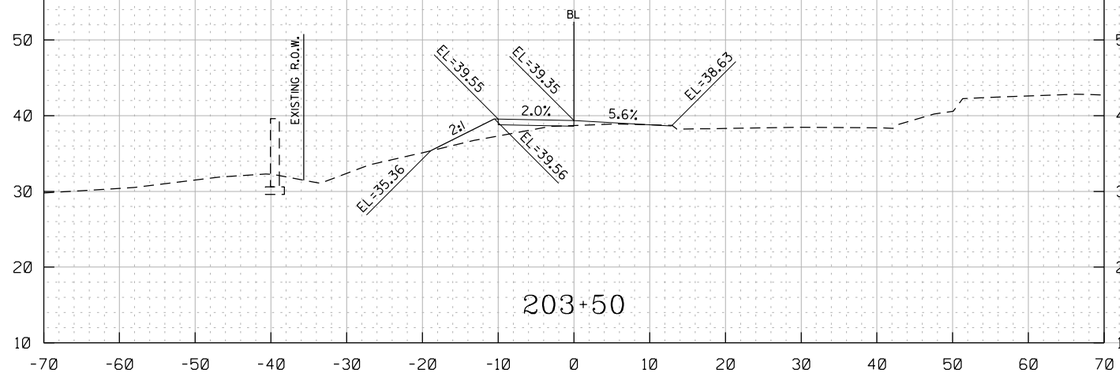
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

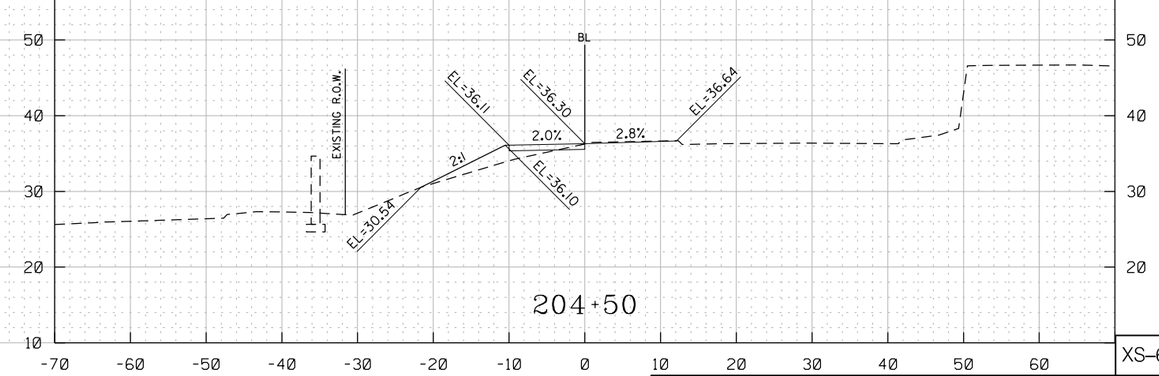
pXS-P08_Overlook5.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	559	576









XS-64

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 203+50 TO STA 205+00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 559 OF 576

ch2m TOOLE DESIGN

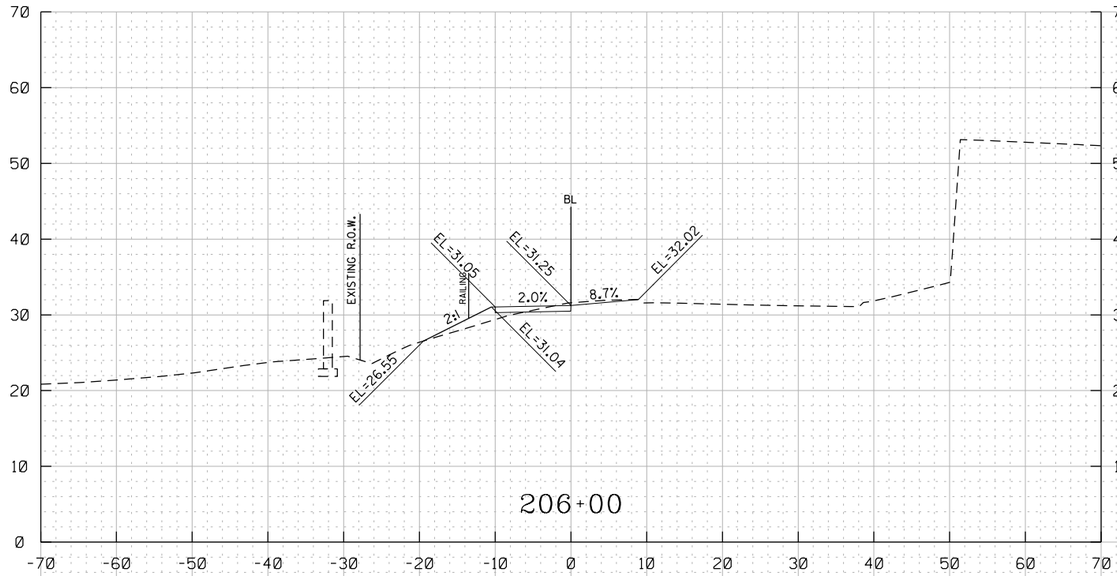
NO	DESCRIPTION	NAME	DATE

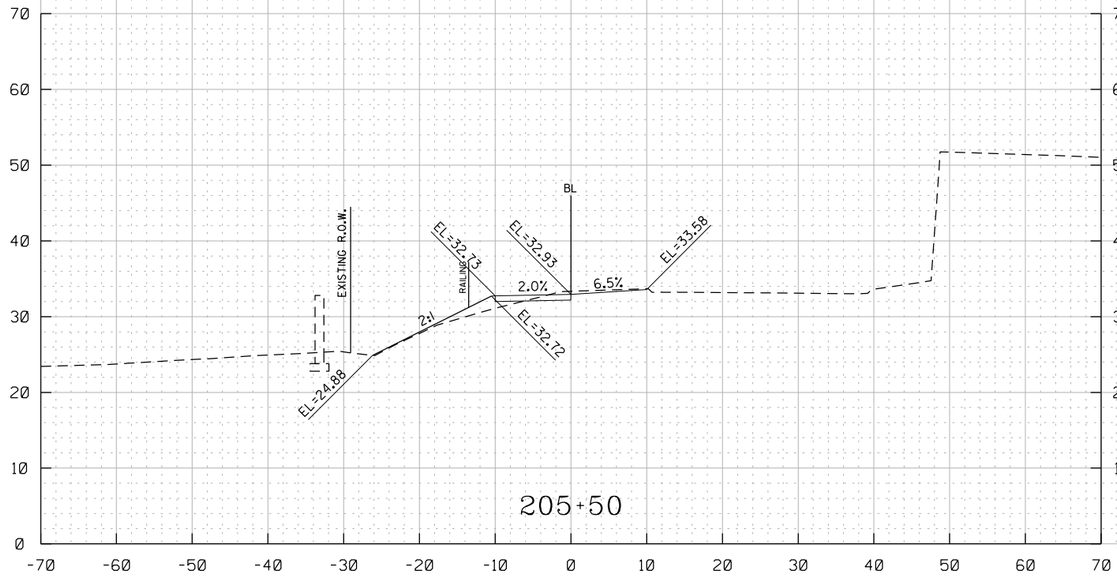
REVISIONS

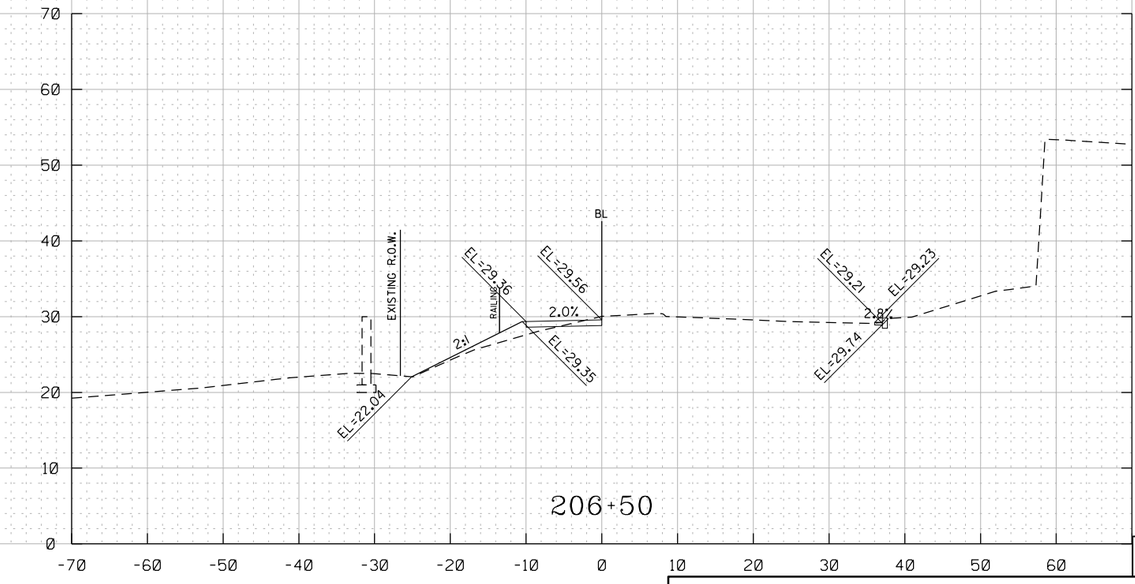
DISTRICT OF COLUMBIA — SHARON D. SHOWS — NO. PE50476 — 3-31-2026 — REGISTERED PROFESSIONAL ENGINEER

pXS-P08_Overlook5.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	560	576







XS-65

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 205+50 TO STA 206+50

DIVISION CHIEF

DATE

FILE

SHEET 560 OF 576

ch2m TOOLE DESIGN

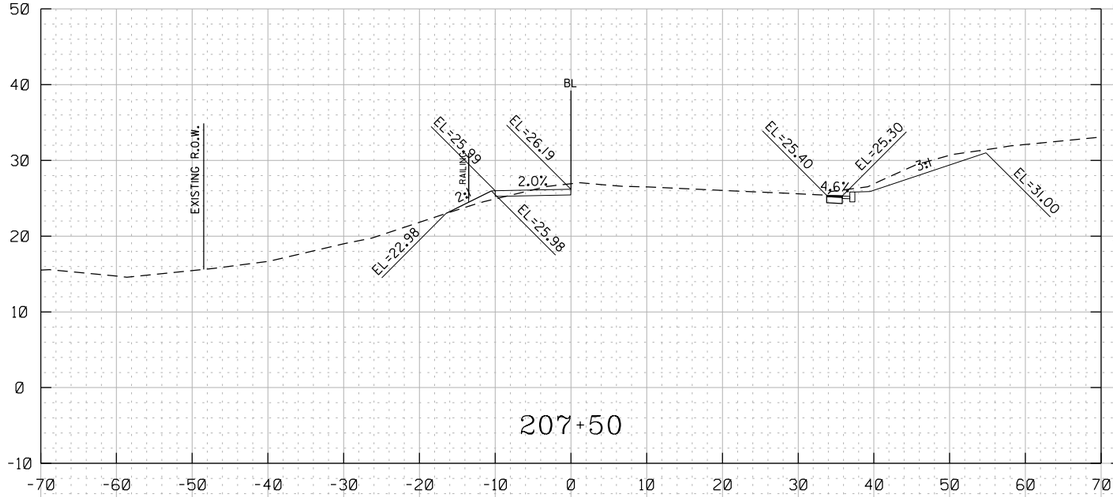
NO	DESCRIPTION	NAME	DATE

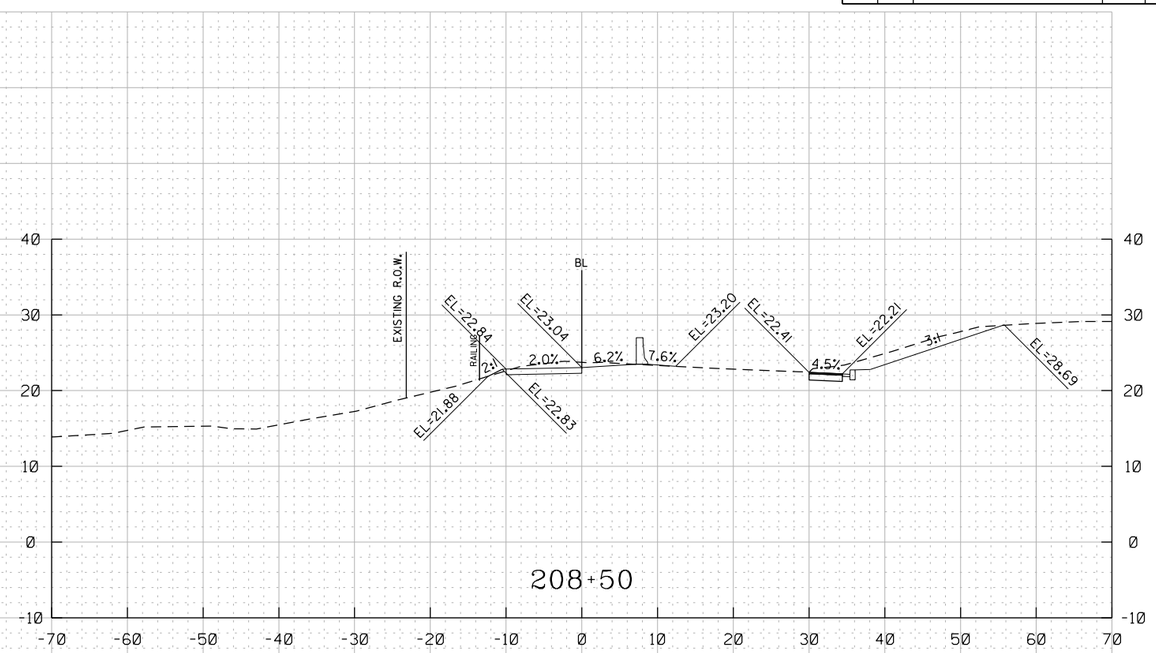
REVISIONS

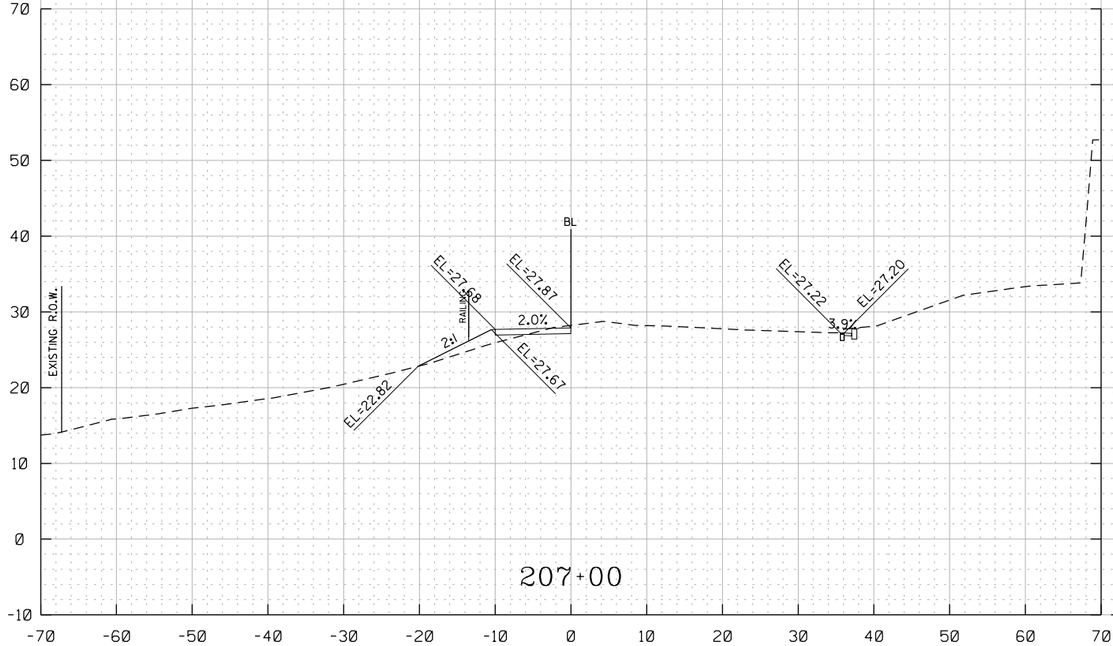
DISTRICT OF COLUMBIA
SHARLON D. SNOWDEN
NO. PE904790
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

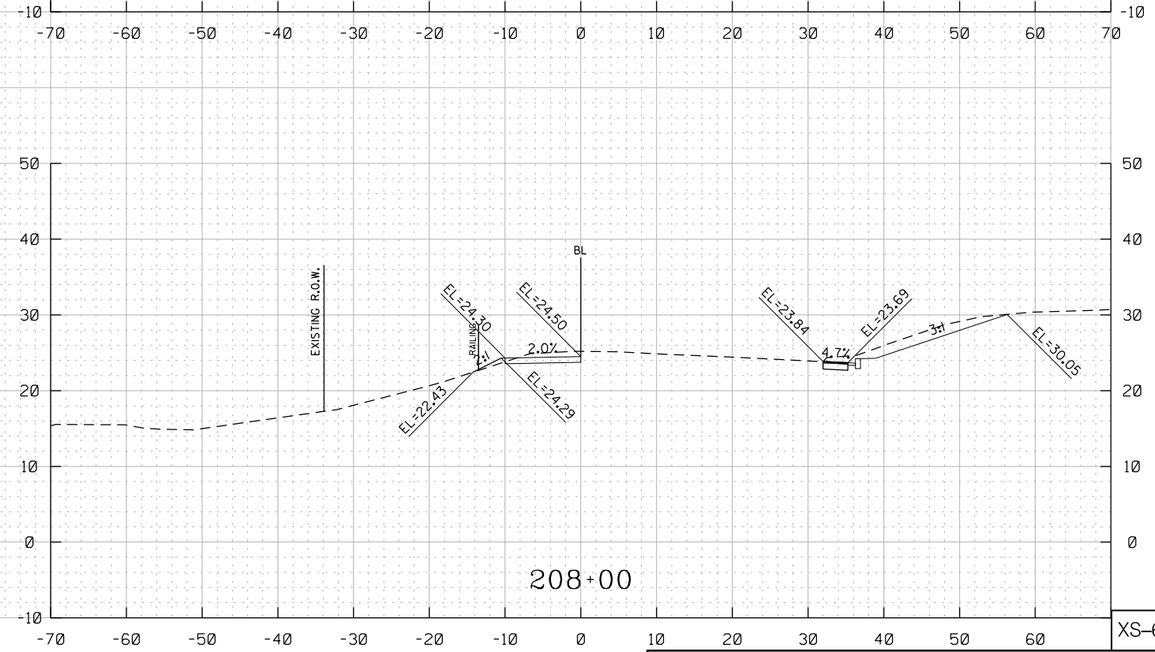
pXS-P08_Overlook5.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	561	576









XS-66

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

DATE

FILE

SHEET 561 OF 576

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 207+00 TO STA 208+50

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m TOOLE DESIGN

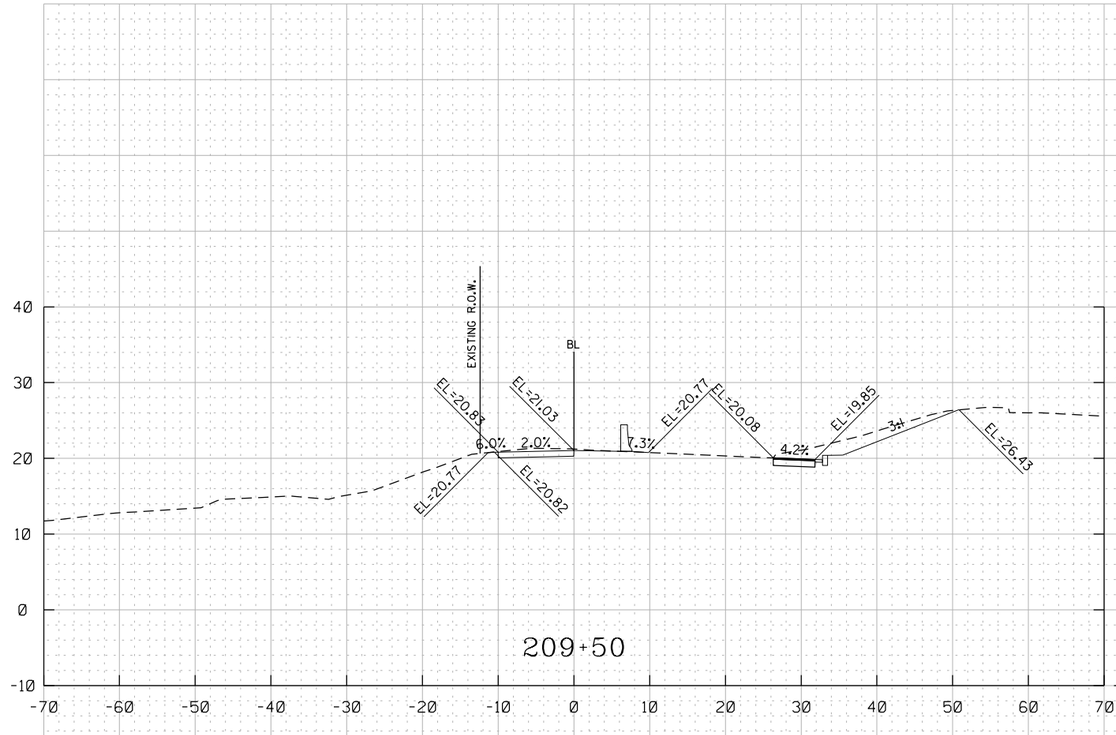
NO	DESCRIPTION	NAME	DATE

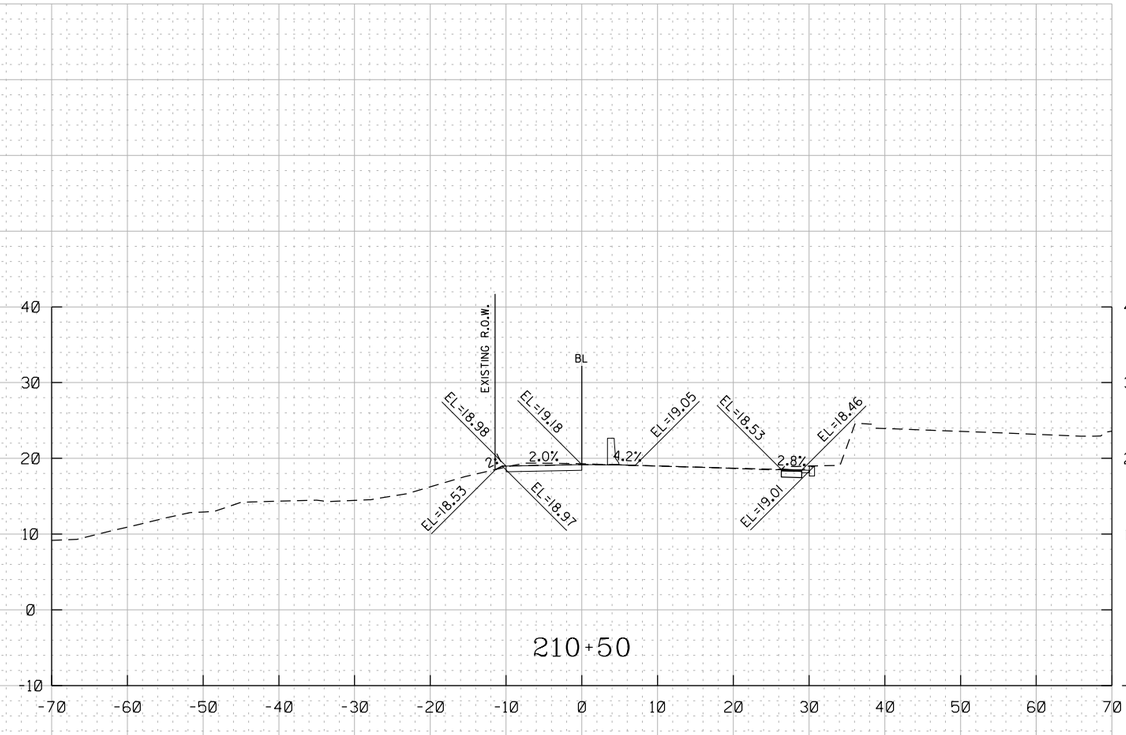
REVISIONS

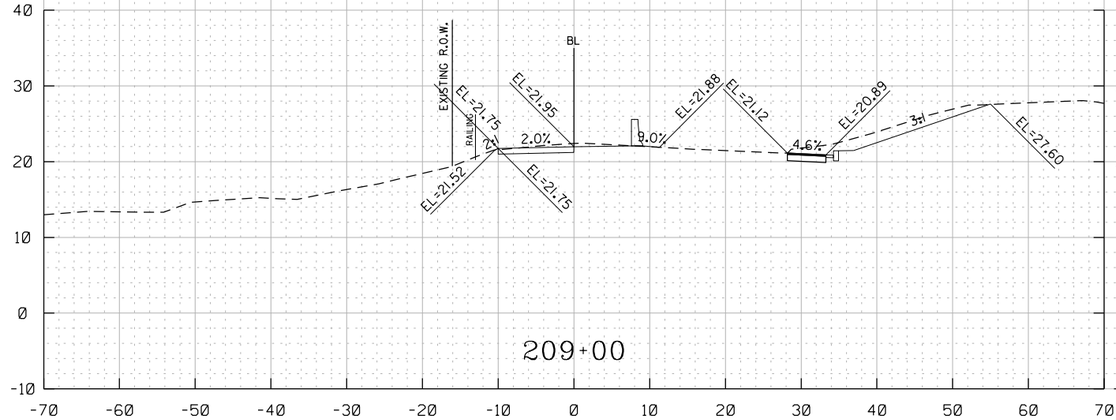
DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

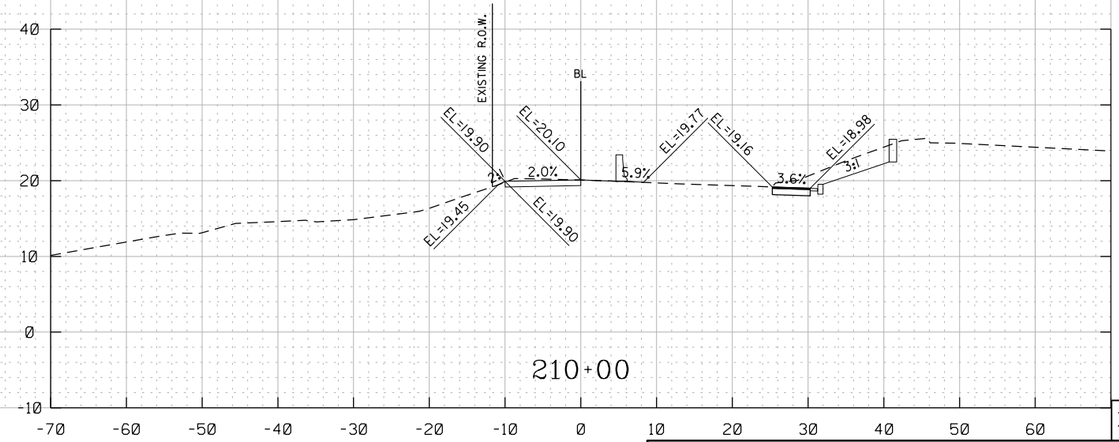
pXS-P08_Overlook5.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	562	576









XS-67

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 209+00 TO STA 210+50

DIVISION CHIEF

DATE

FILE

SHEET 562 OF 576

ch2m TOOLE DESIGN

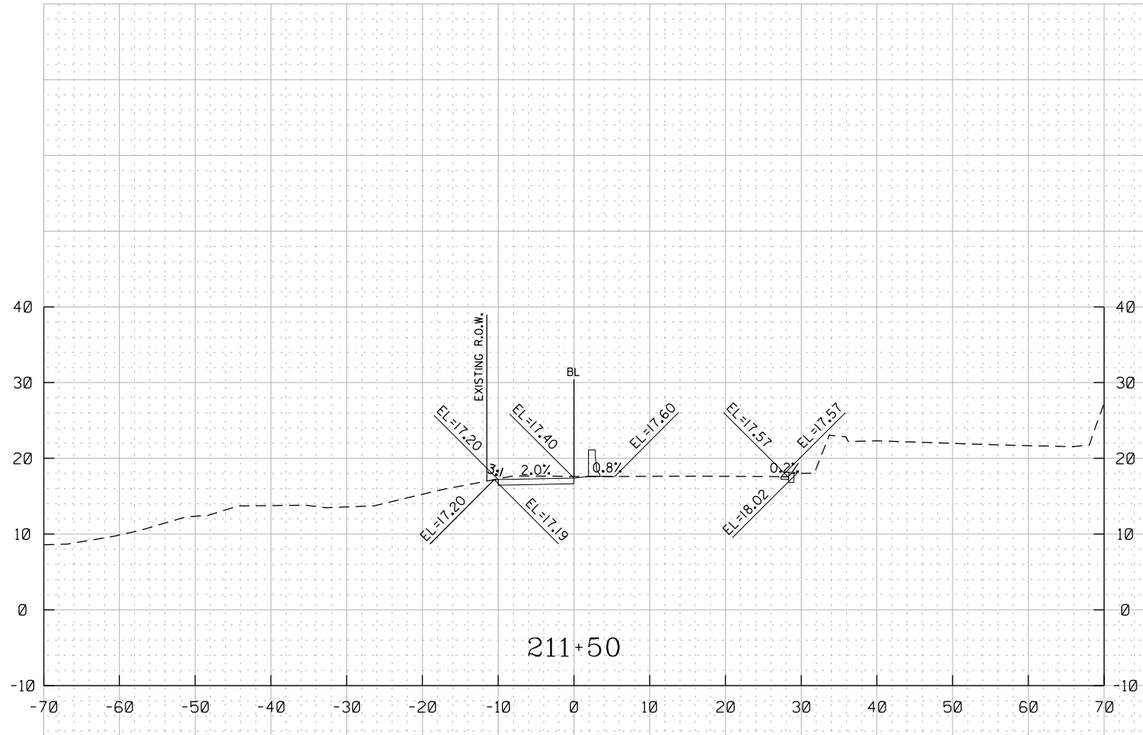
NO	DESCRIPTION	NAME	DATE

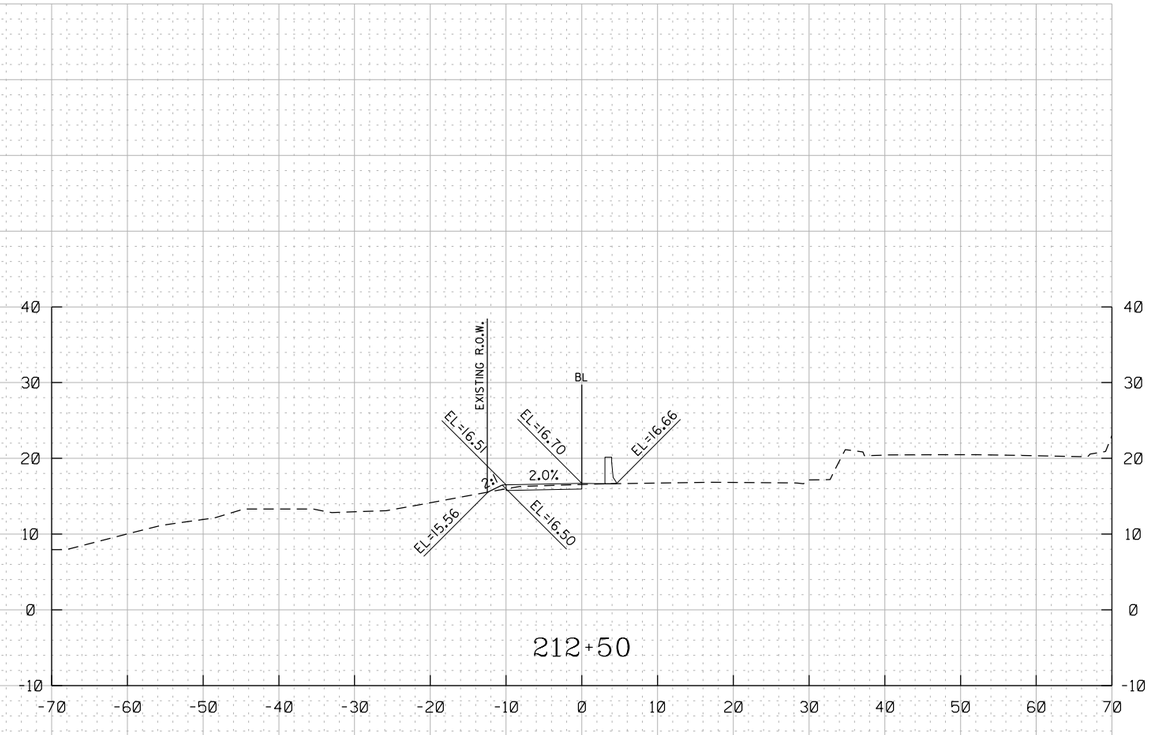
REVISIONS

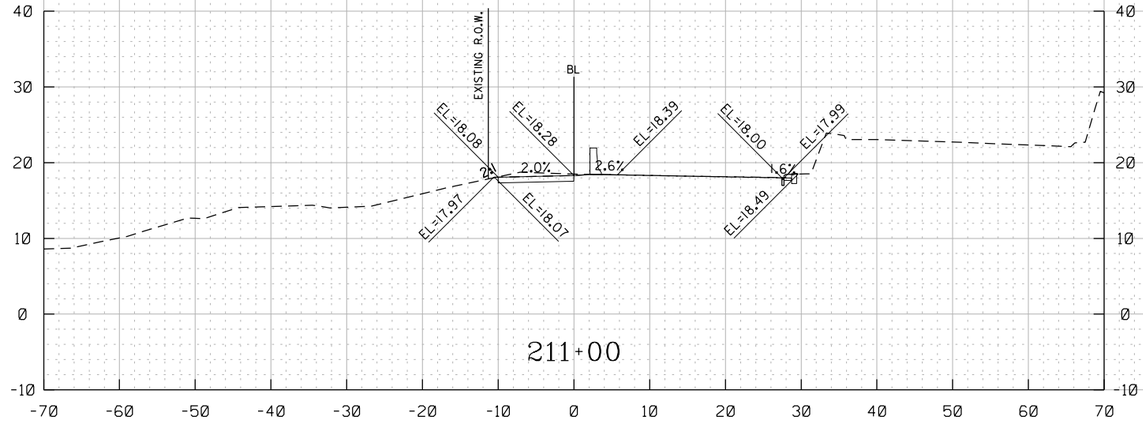
DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

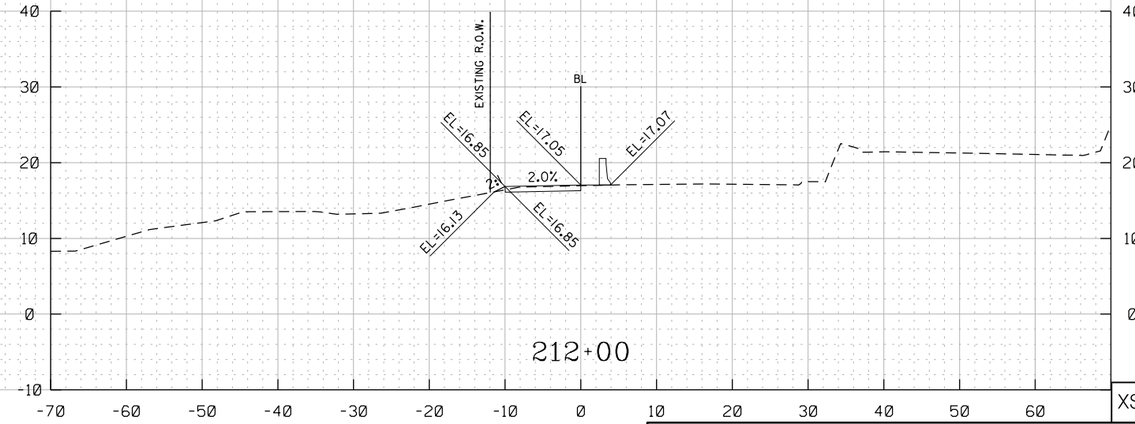
pXS-P08_Overlook5.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	563	576









XS-68

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 211+00 TO STA 212+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF
DATE
FILE
SHEET 563 OF 576

NO	DESCRIPTION	NAME	DATE

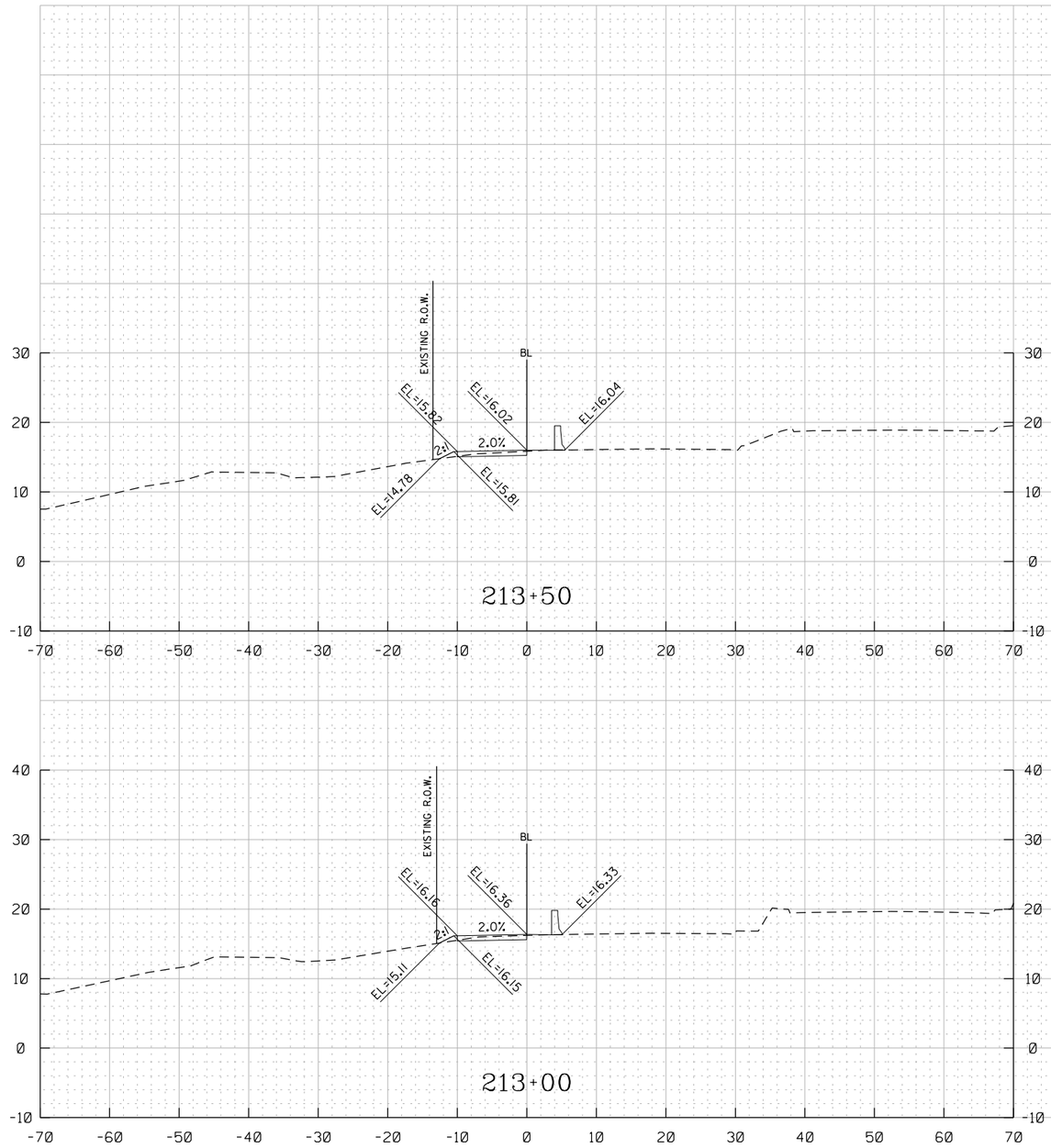
REVISIONS

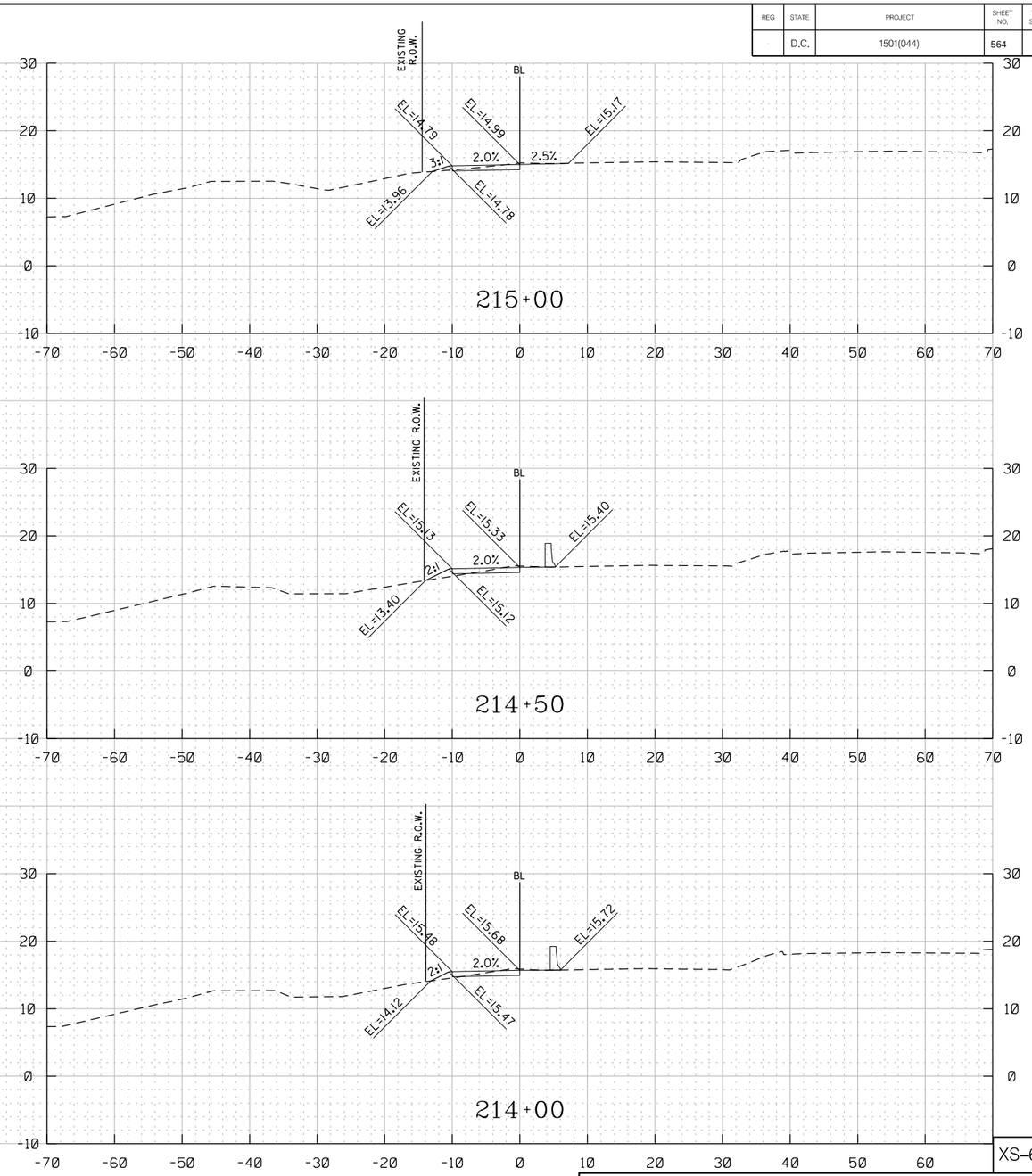
ch2m TOOLE DESIGN

DISTRICT OF COLUMBIA
SHARON D. SMOKE
NO. PE904706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P08_Overlook5.dgn
8/8/2025

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	564	576





XS–69

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 213+00 TO STA 215+00

DIVISION CHIEF

DATE

FILE

SHEET 564 OF 576

ch2m TOOLE DESIGN

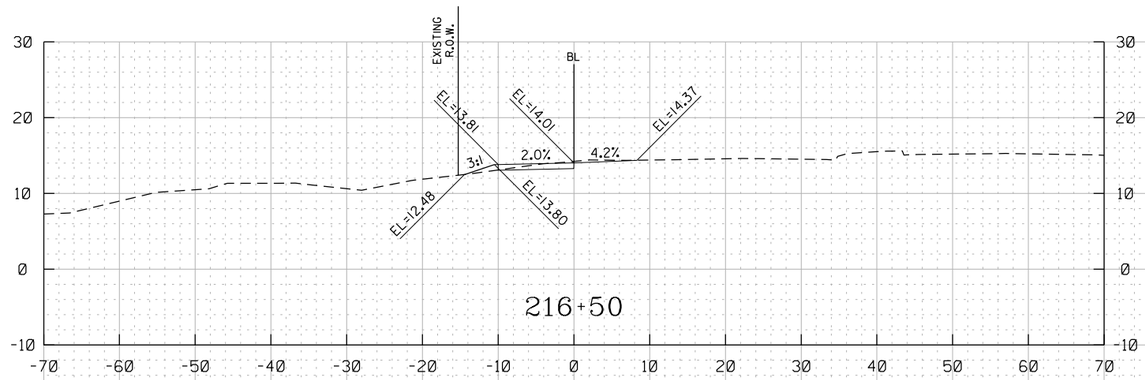
NO	DESCRIPTION	NAME	DATE

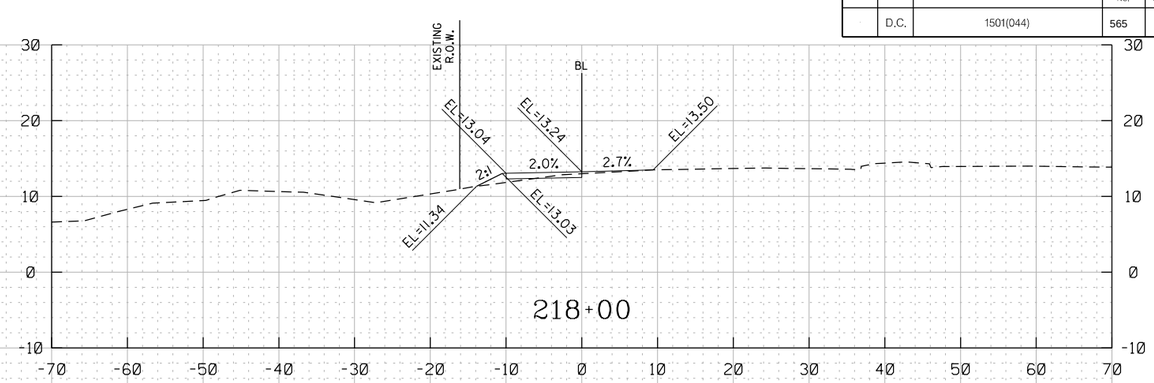
REVISIONS

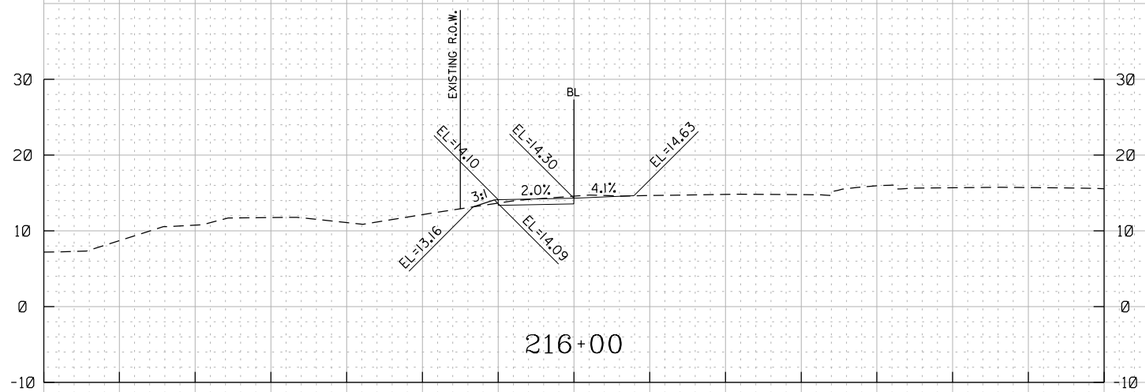
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

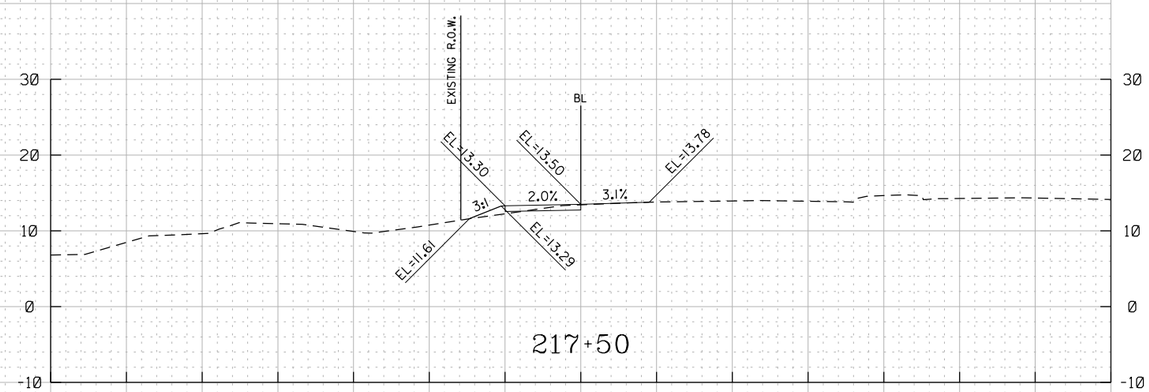
pXS-P08_Overlook5.dgn
8/8/2025

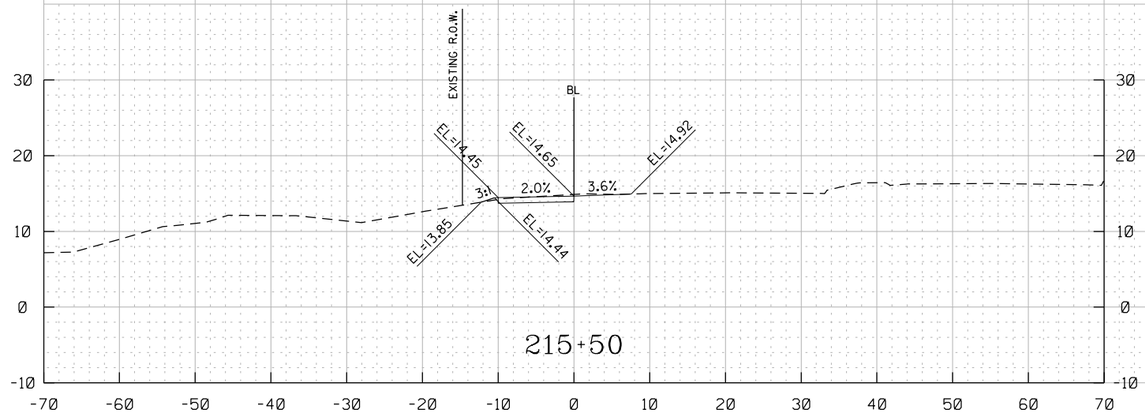
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	565	576

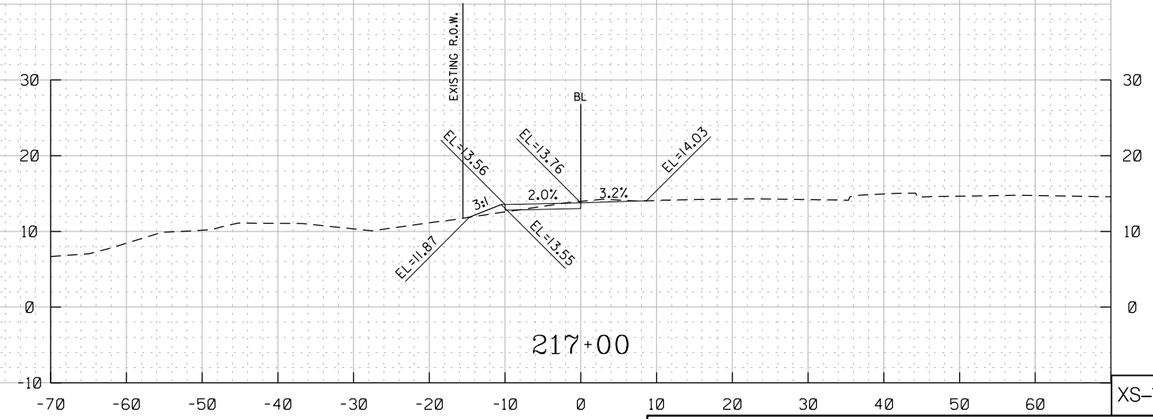












XS–70

pXS-P08_Overlook5.dgn
8/8/2025

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 215+50 TO STA 218+00

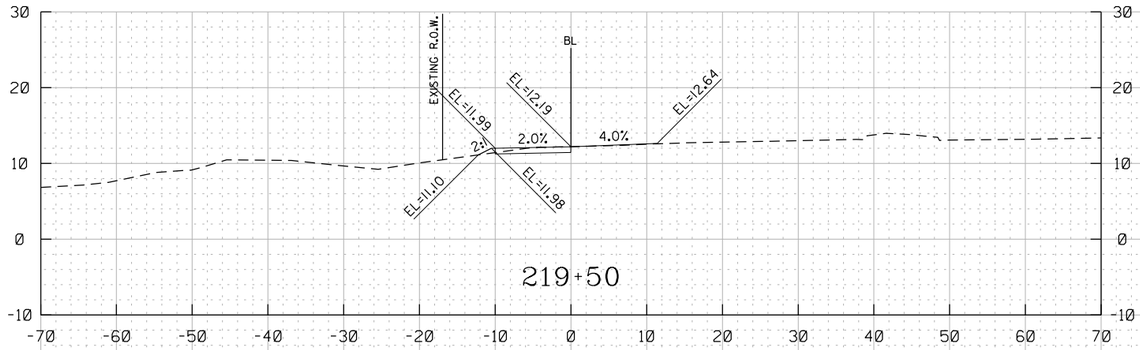
DIVISION CHIEF

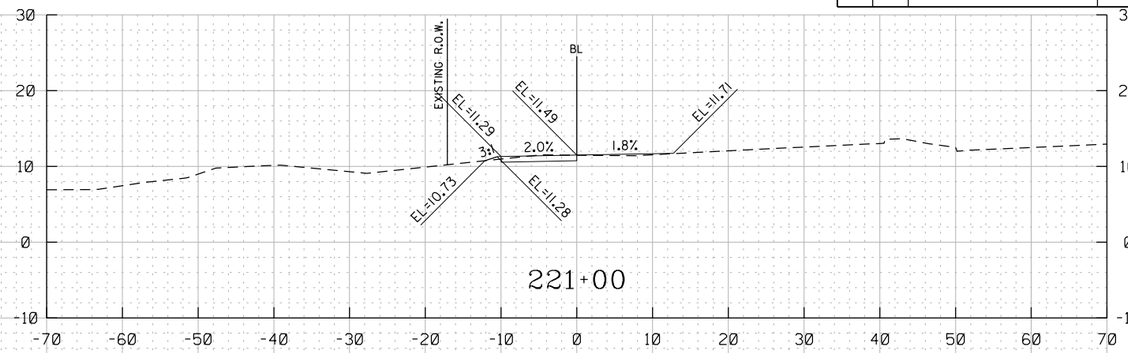
DATE

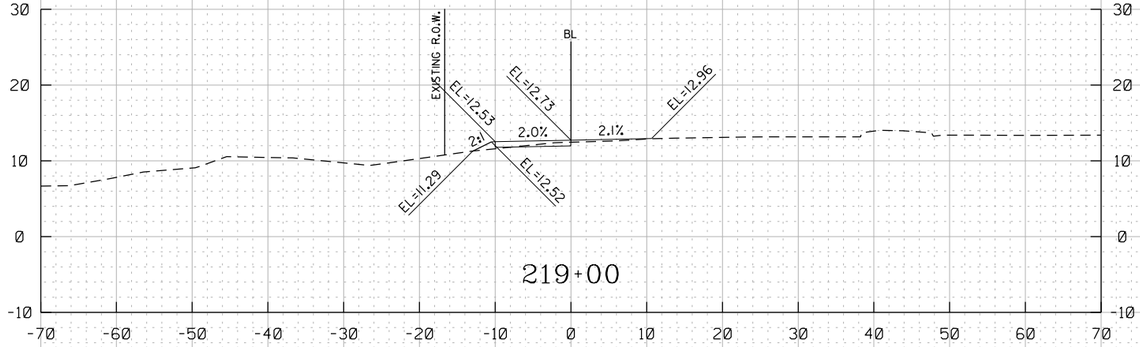
FILE

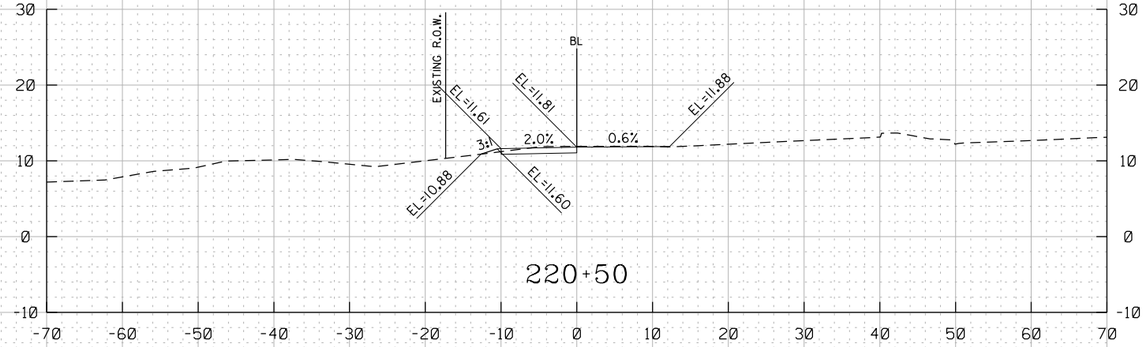
SHEET 565 OF 576

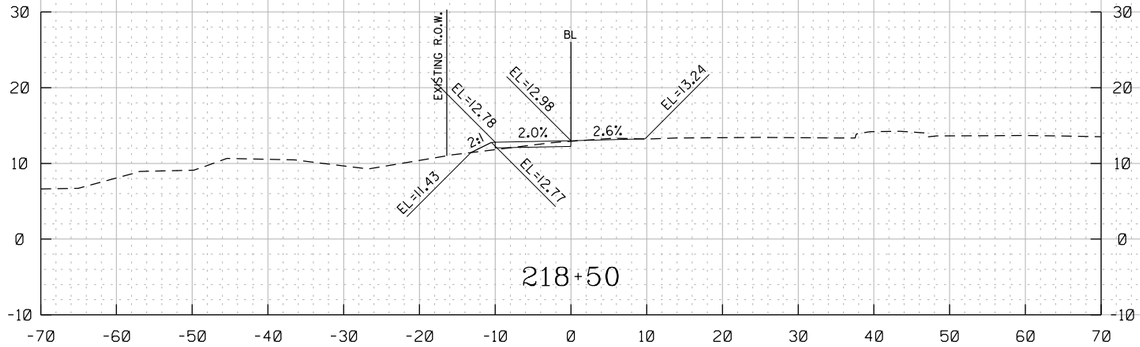
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	566	576

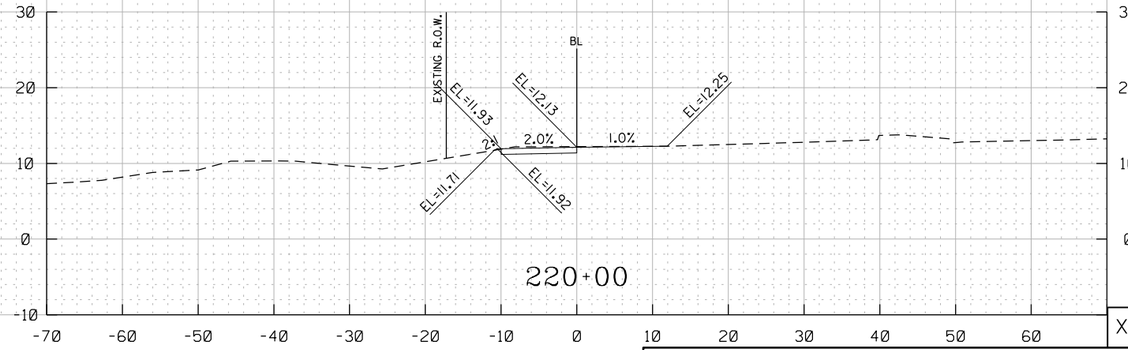












XS-71

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

DIVISION CHIEF

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 218+50 TO STA 221+00

DATE
FILE
SHEET 566 OF 576

NO	DESCRIPTION	NAME	DATE

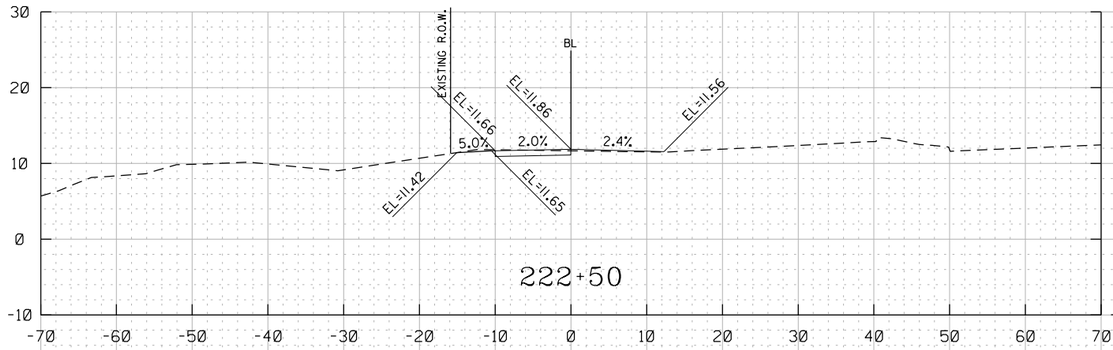
REVISIONS

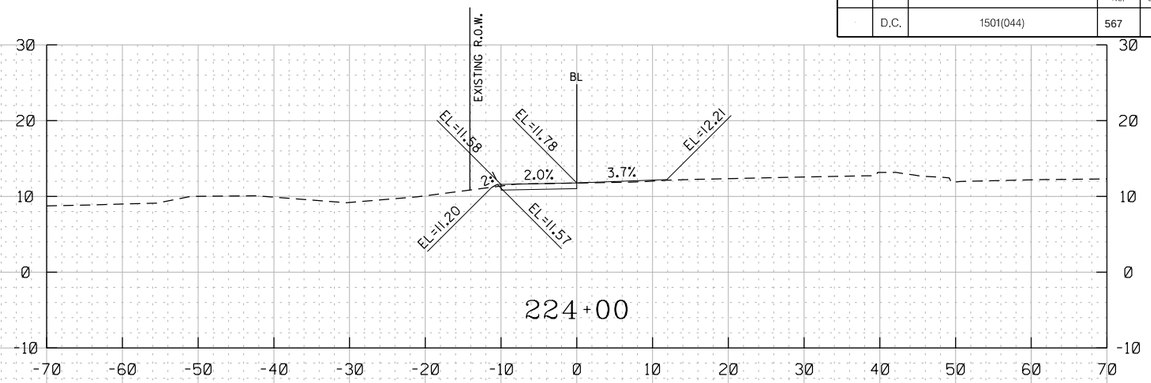
ch2m TOOLE DESIGN

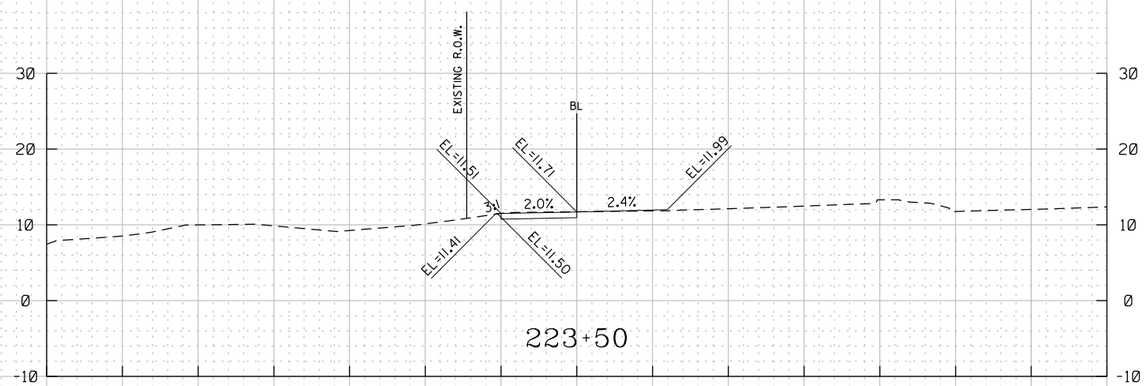
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

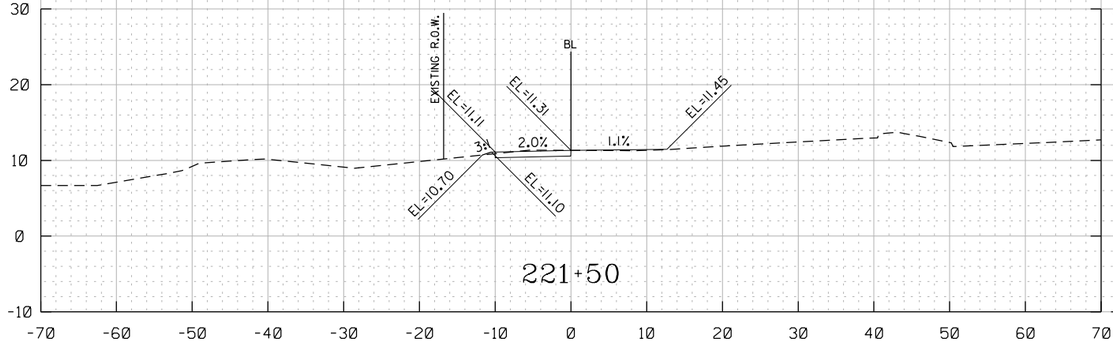
pXS-P08_Overlook5.dgn
8/8/2025

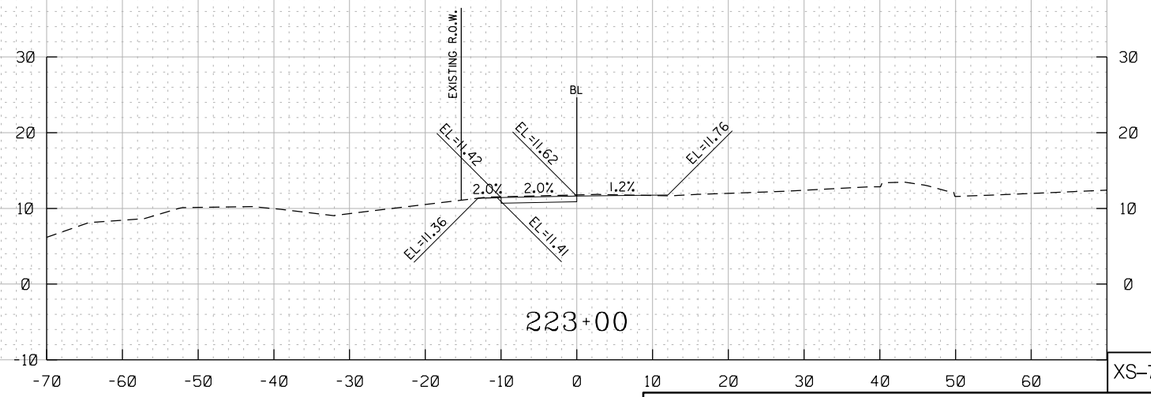
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	567	576











XS–72

pXS-P08_Overlook5.dgn
8/8/2025

DISTRICT OF COLUMBIA
SHANLON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 221+50 TO STA 224+00

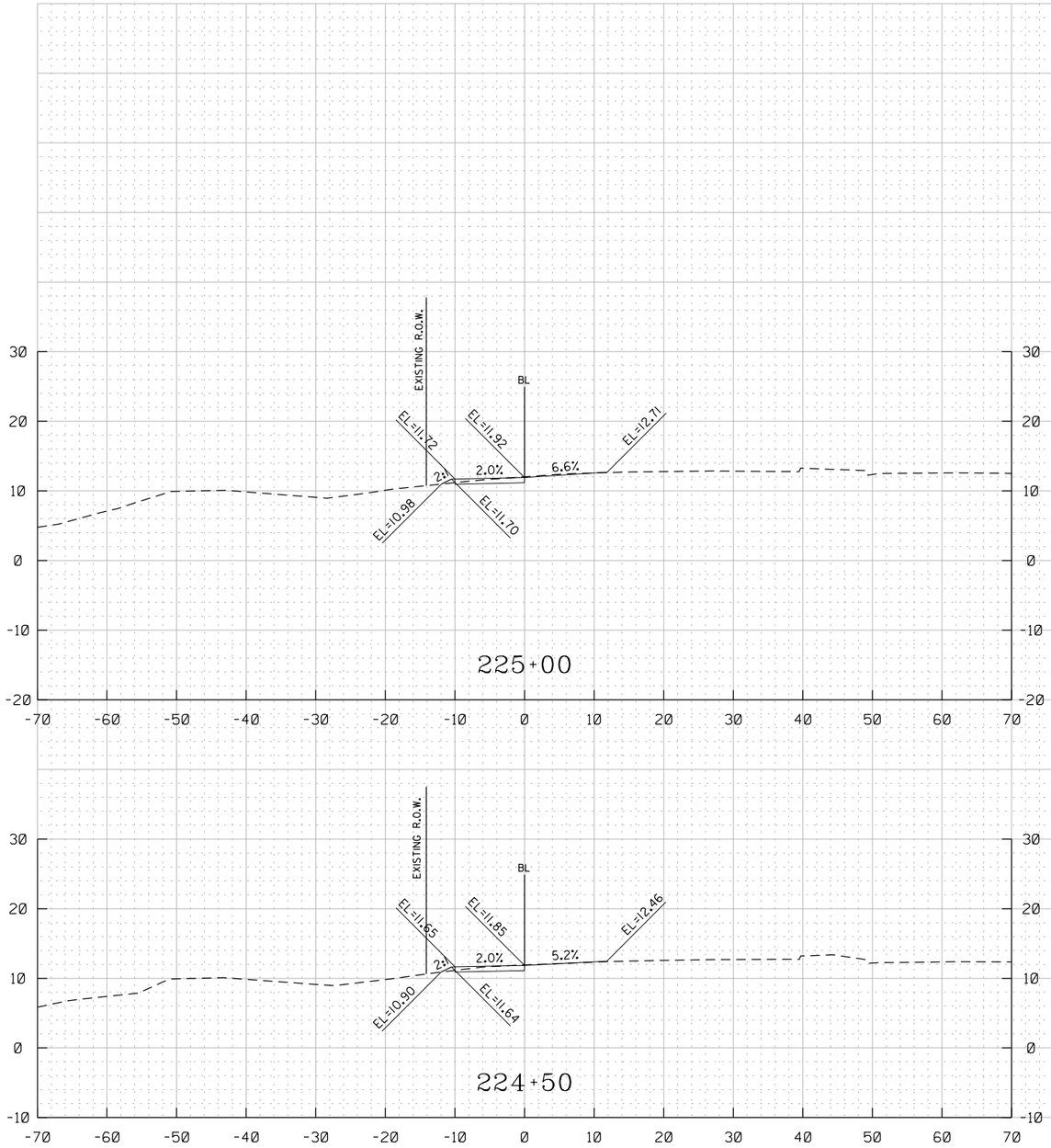
DIVISION CHIEF

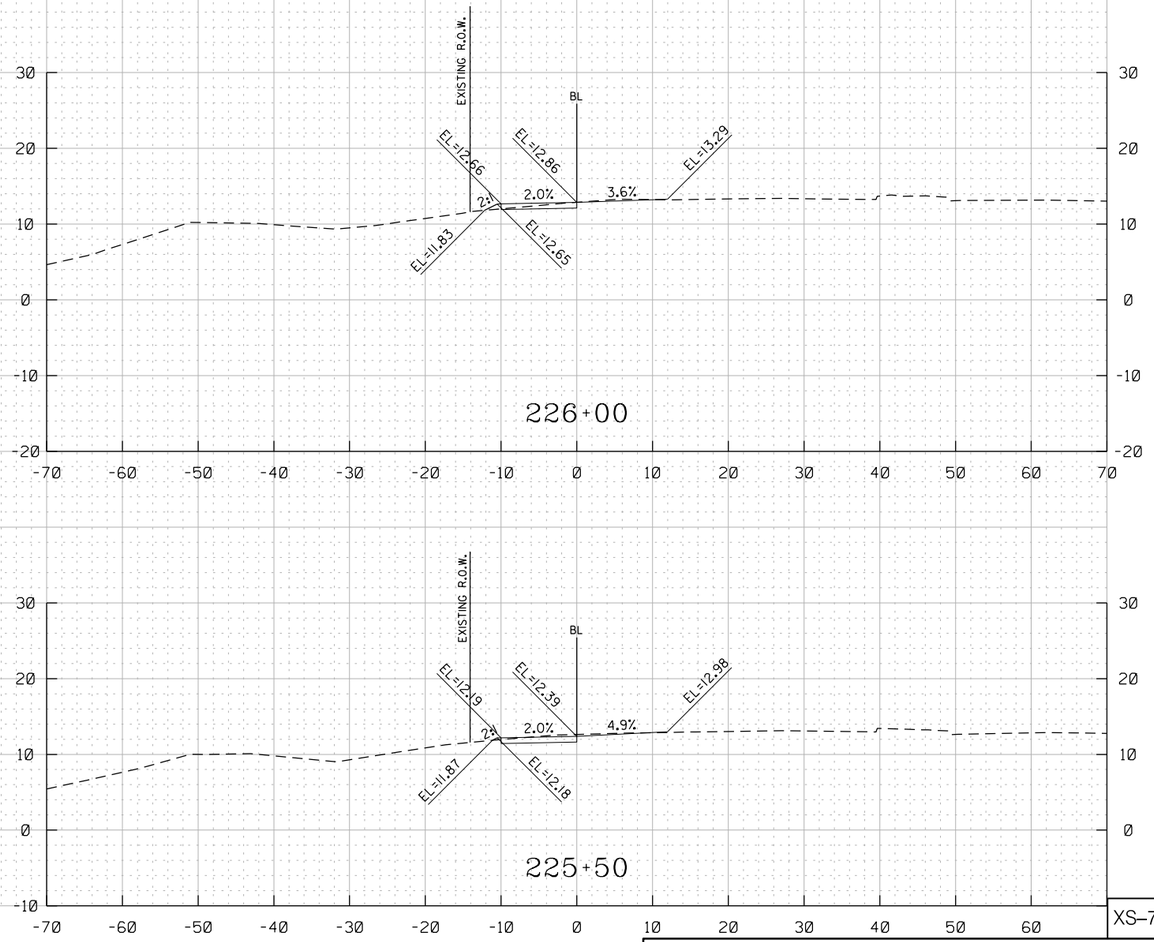
DATE

FILE

SHEET 567 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	568	576





XS–73

pXS-P08_Overlook5.dgn
8/8/2025

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 224+50 TO STA 226+00

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

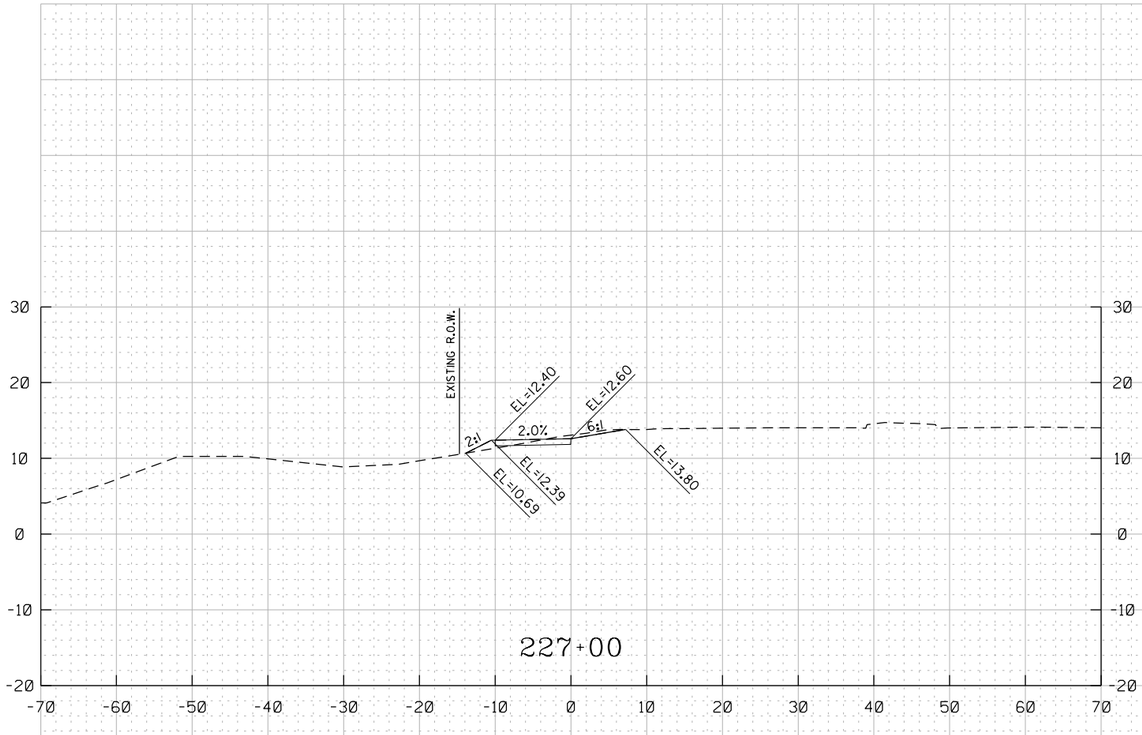
DIVISION CHIEF

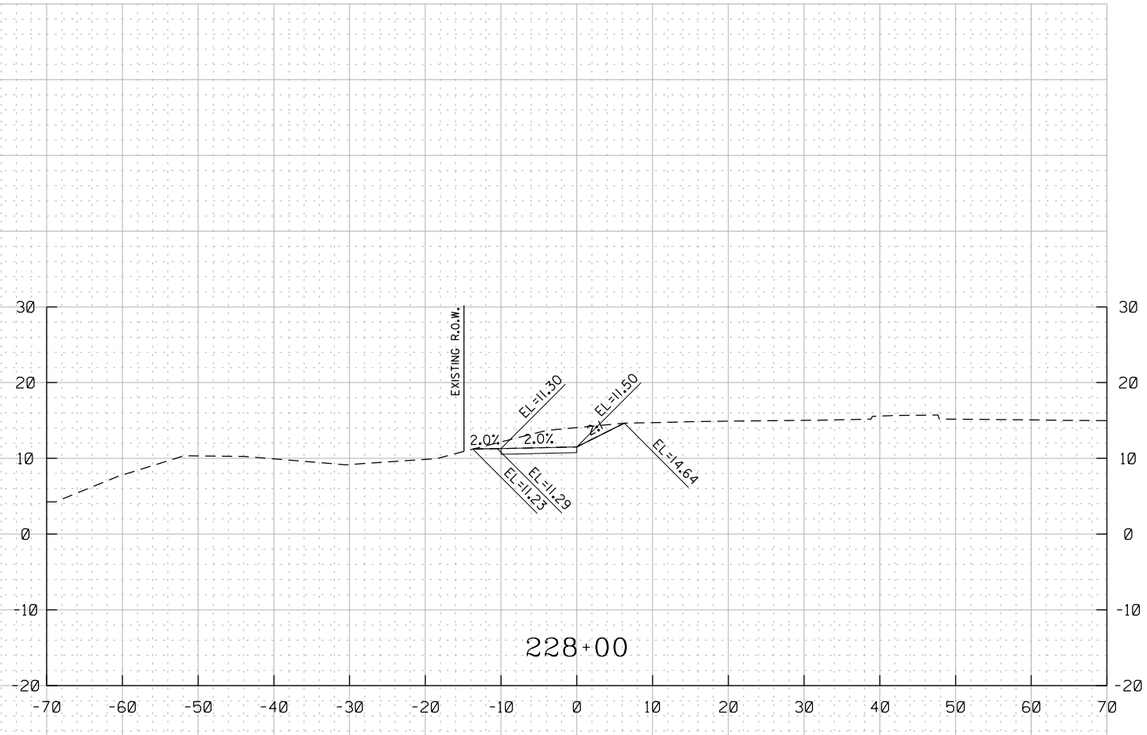
DATE

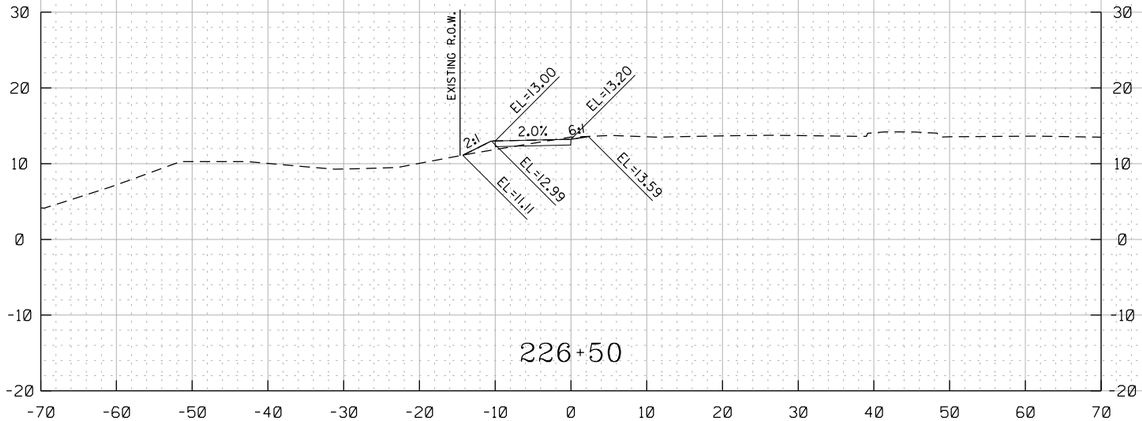
FILE

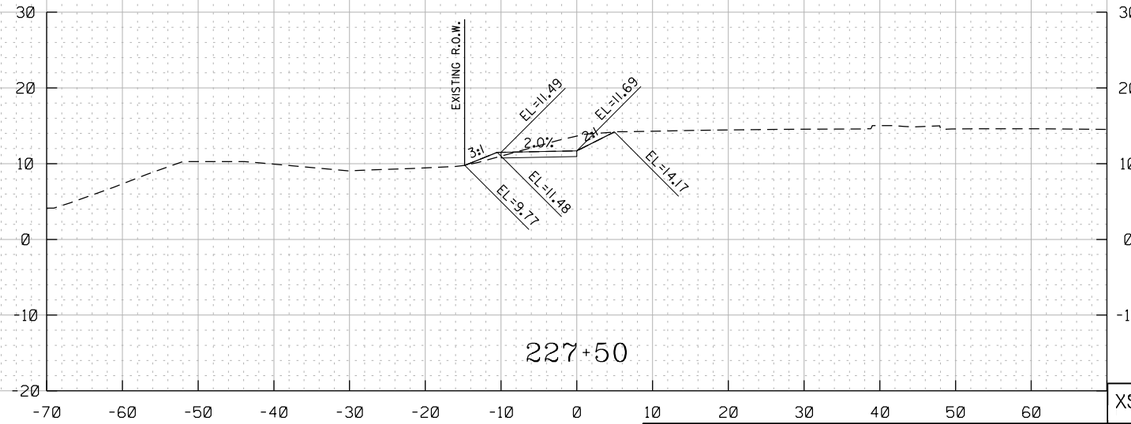
SHEET 568 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	569	576









XS-74

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 226+50 TO STA 228+50

DIVISION CHIEF
DATE
FILE
SHEET 569 OF 576

ch2m TOOLE DESIGN

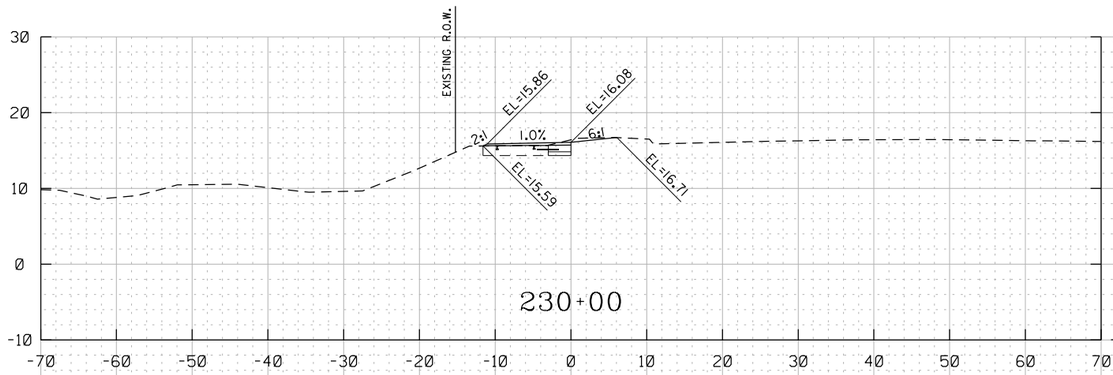
NO	DESCRIPTION	NAME	DATE

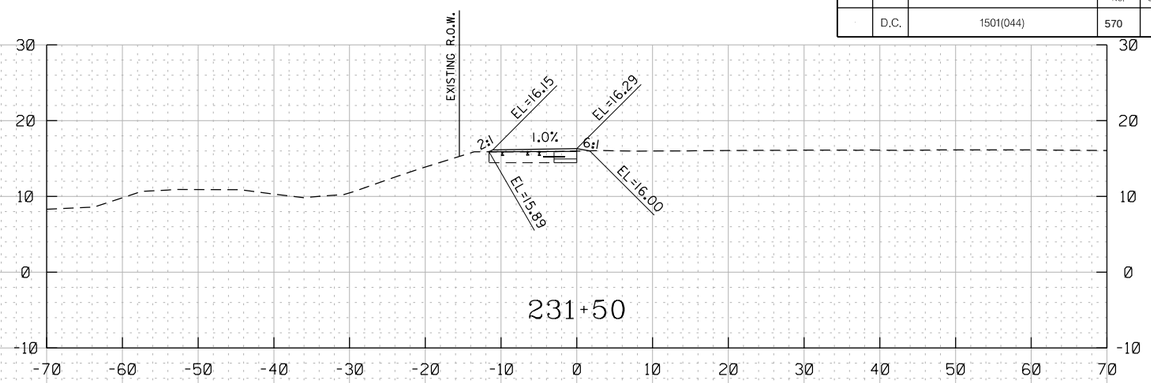
REVISIONS

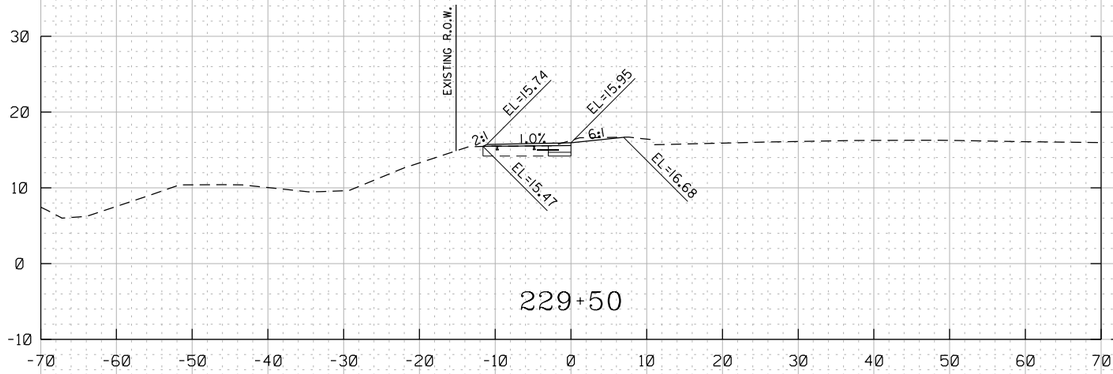
DISTRICT OF COLUMBIA
SHARLON D. SIMONS
NO. PE004706
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

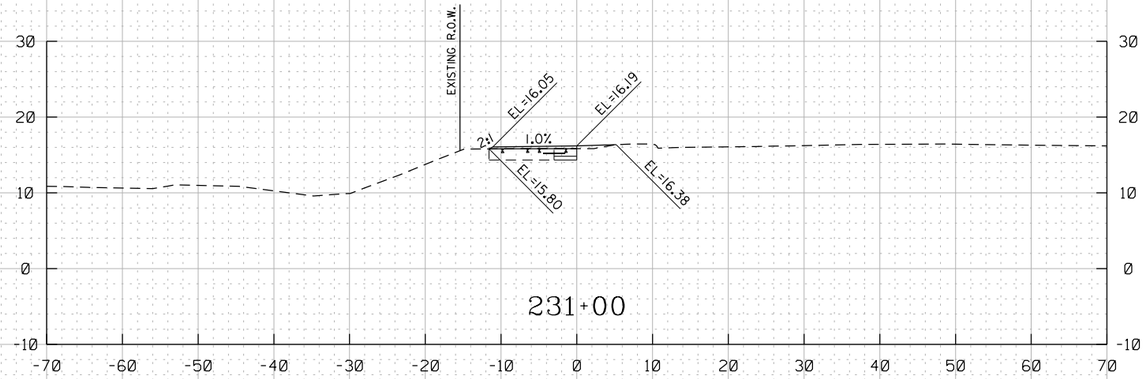
pXS-P08_Overlook5.dgn
8/8/2025

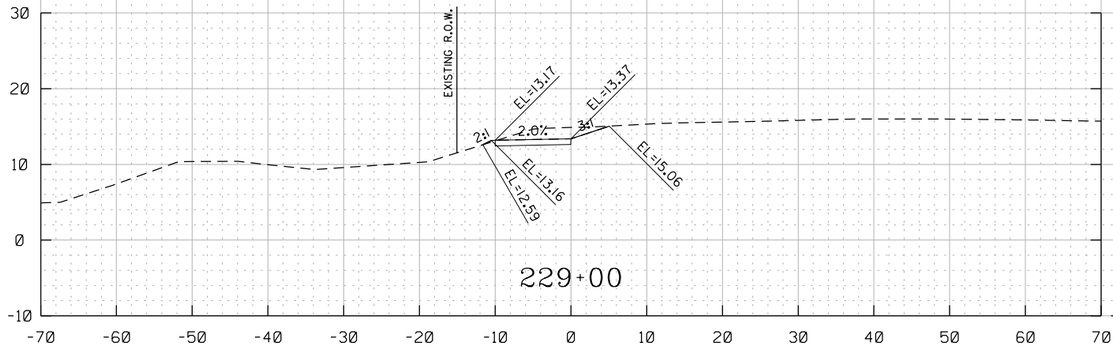
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	570	576

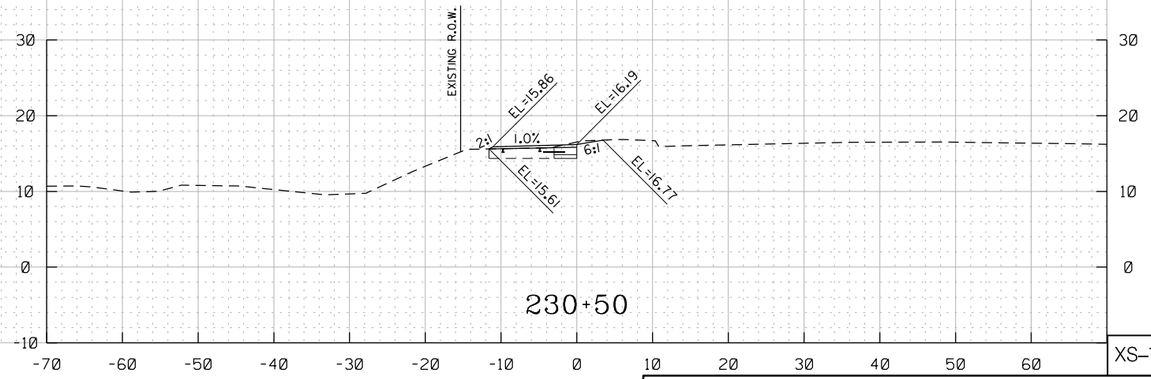












XS–75

NOTE: SEE TYPICAL SECTION DETAILS ON SHEET HT-4 FOR PROPOSED TRAIL SECTIONS TIE-IN ON EXISTING STREETCAR SLAB (FROM STA. 229+40 TO STA. 247+53)

DISTRICT OF COLUMBIA
RAMLON B. SINGLETON
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m
TOOLE
DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 229+00 TO STA 231+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

DIVISION CHIEF

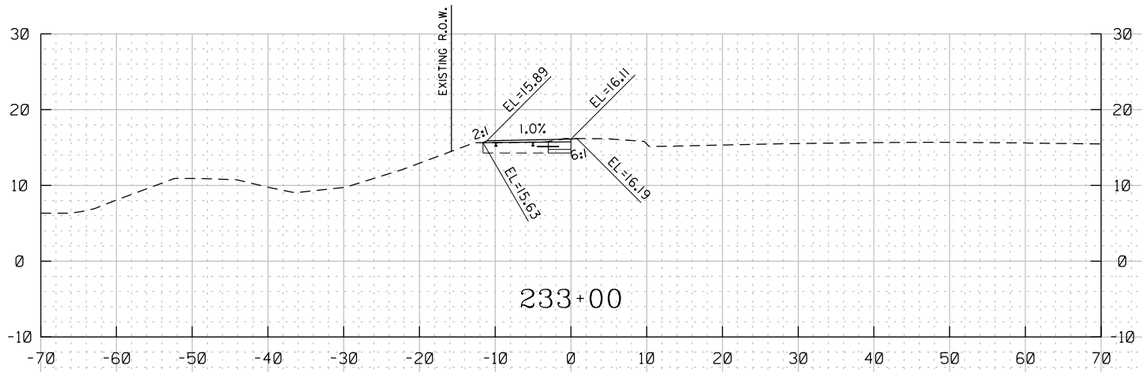
DATE

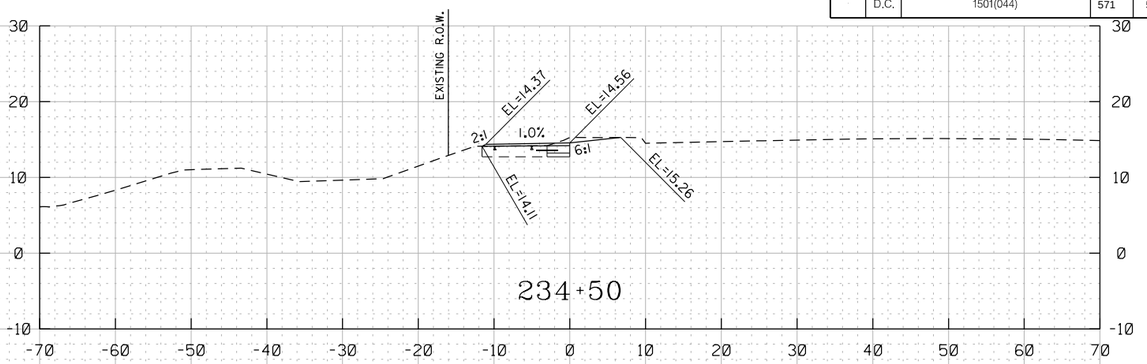
FILE

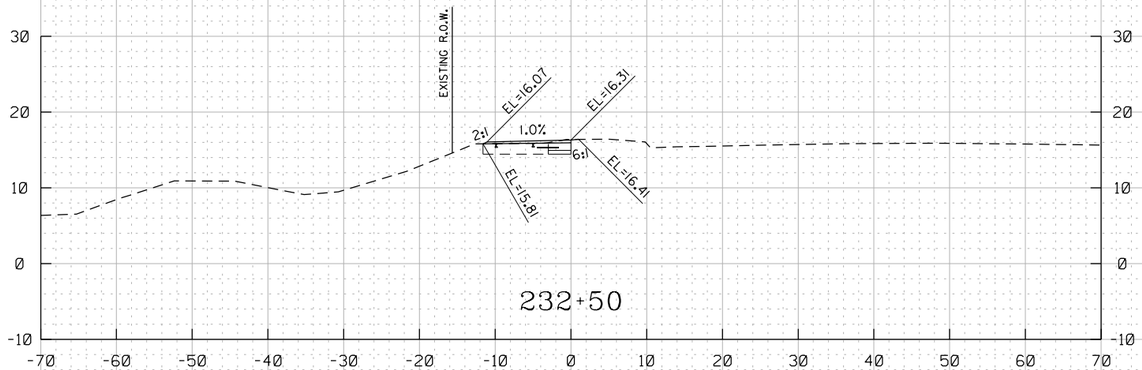
SHEET 570 OF 576

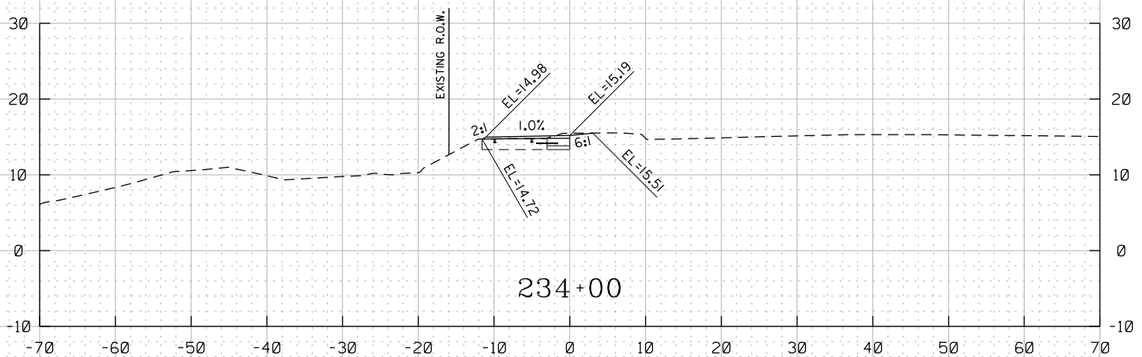
pXS-P08_Overlook5.dgn
8/8/2025

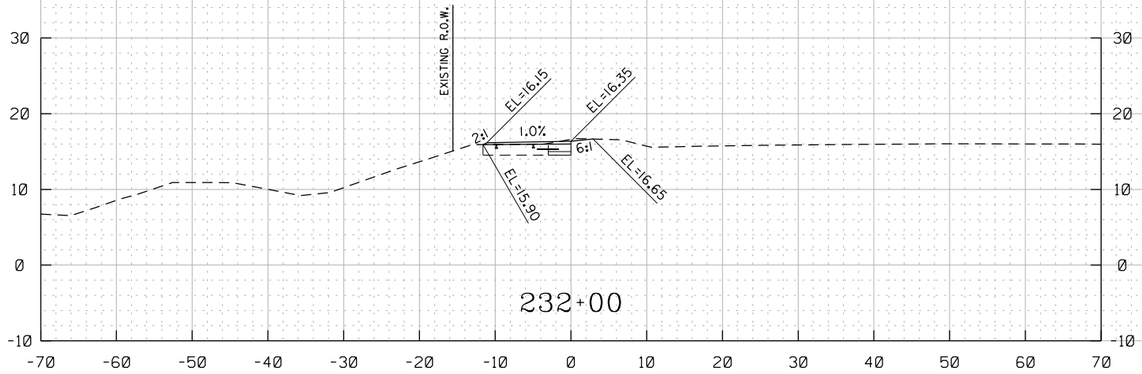
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	571	576

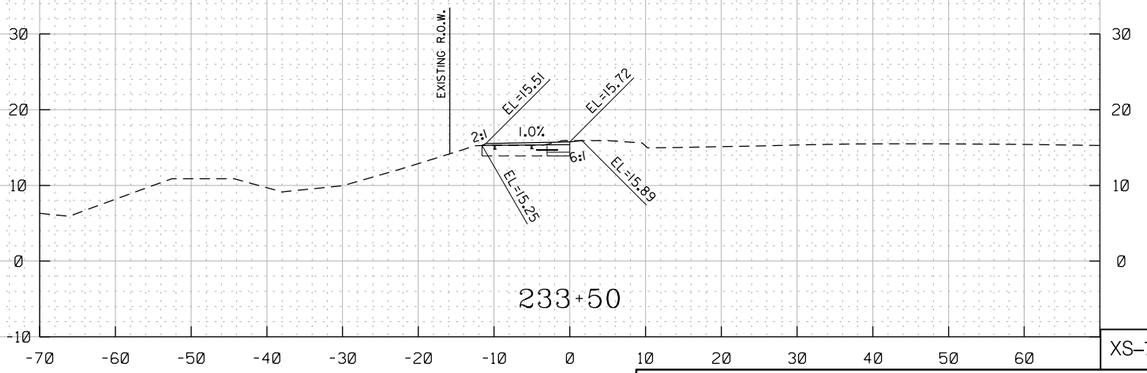












XS–76

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 232+00 TO STA 234+50

DIVISION CHIEF

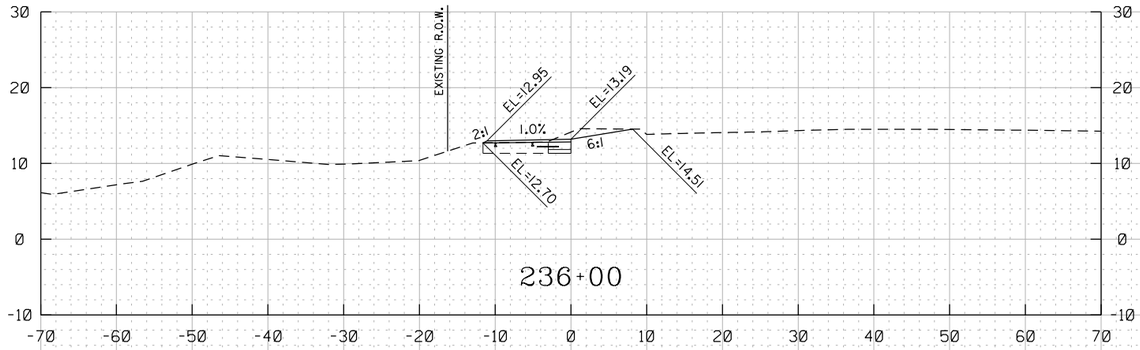
DATE

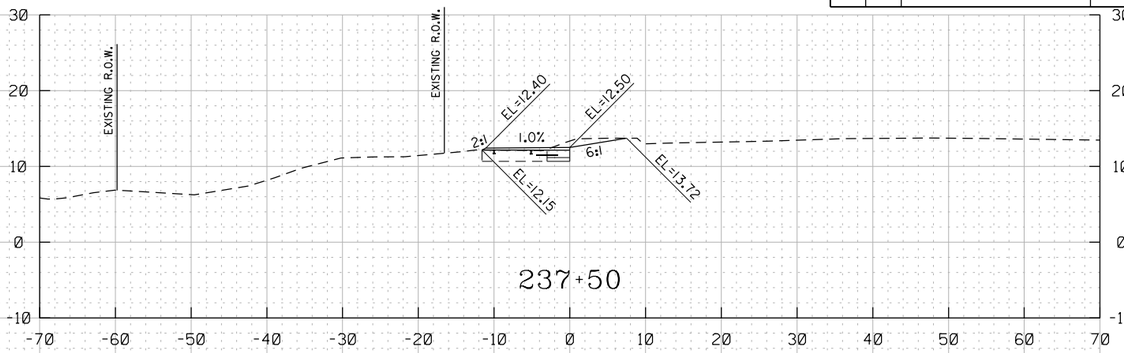
FILE

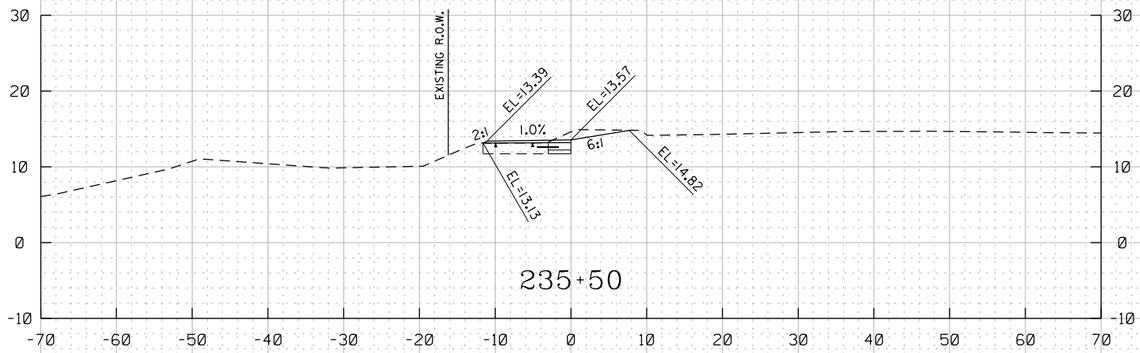
SHEET 571 OF 576

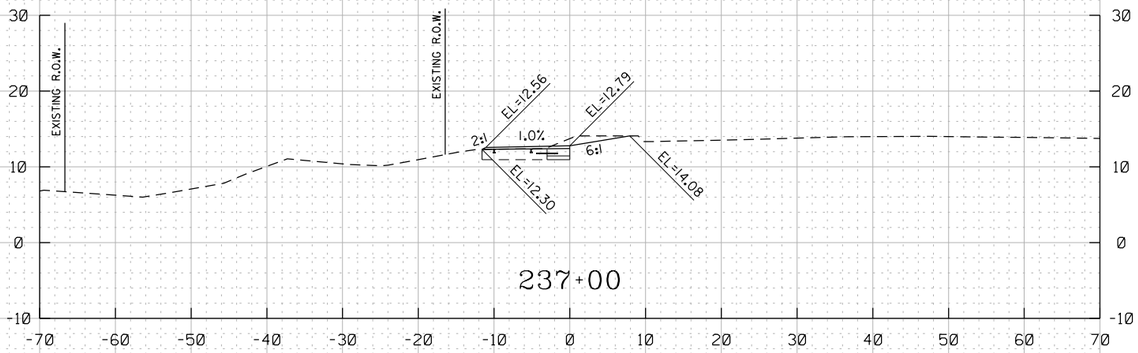
pXS-P08_Overlook5.dgn
8/8/2025

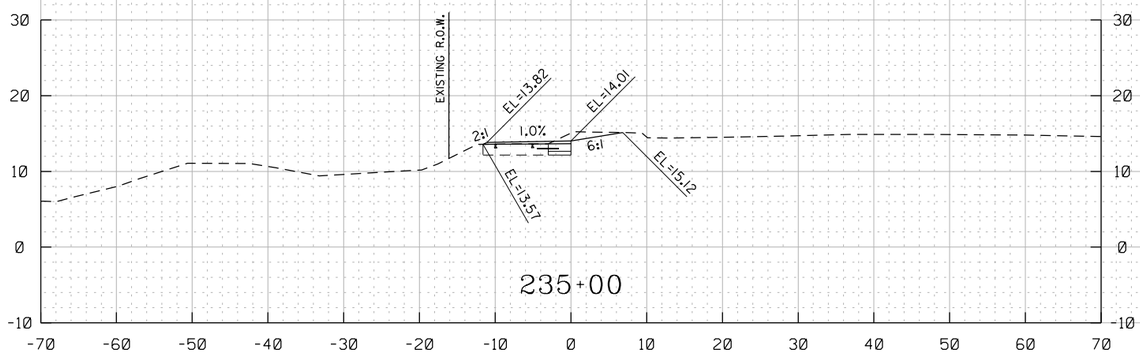
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	572	576

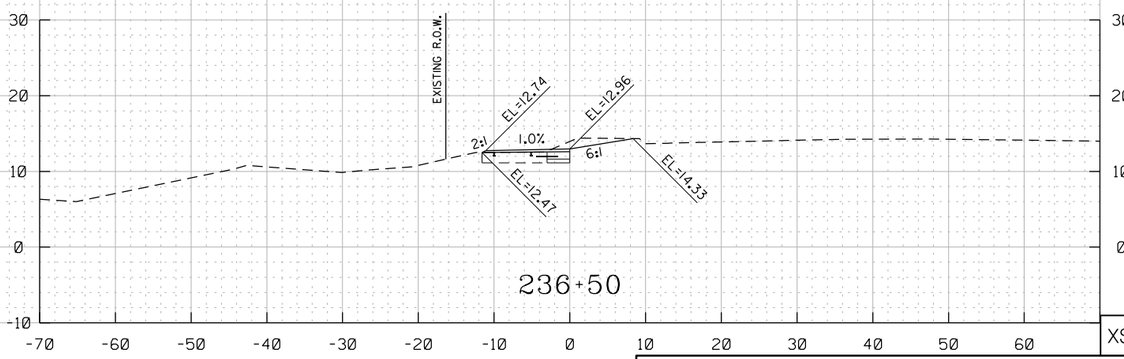












XS–77

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P08_Overlook5.dgn
8/8/2025

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 235+00 TO STA 237+50

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

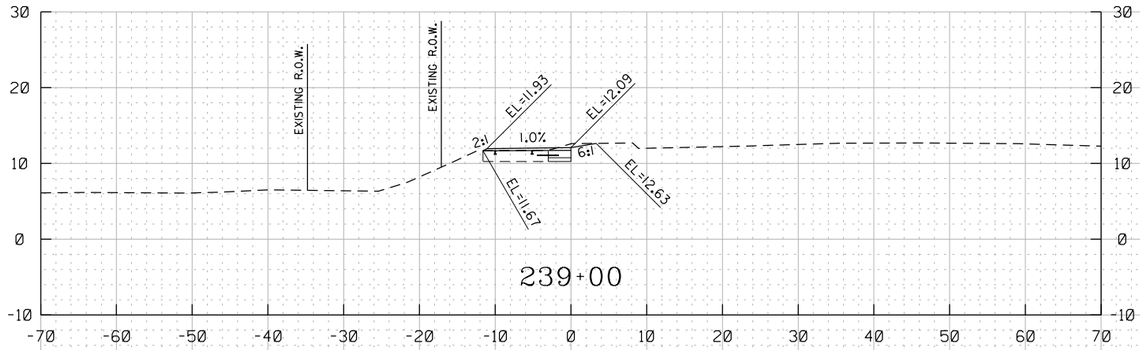
DIVISION CHIEF

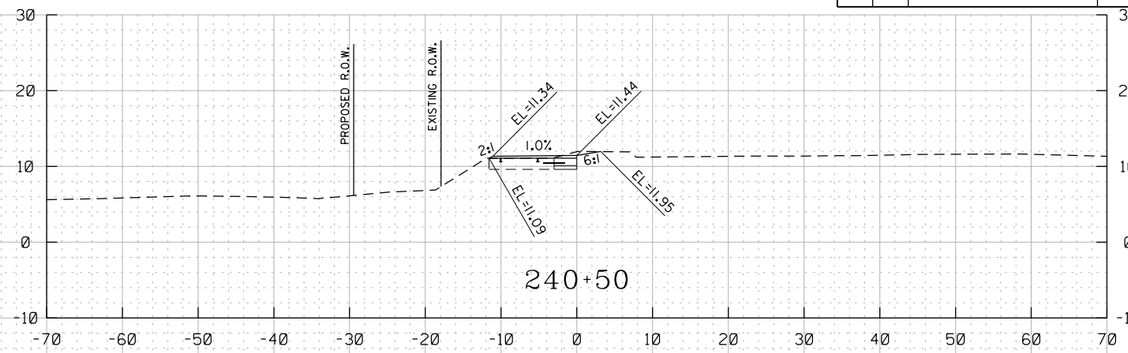
DATE

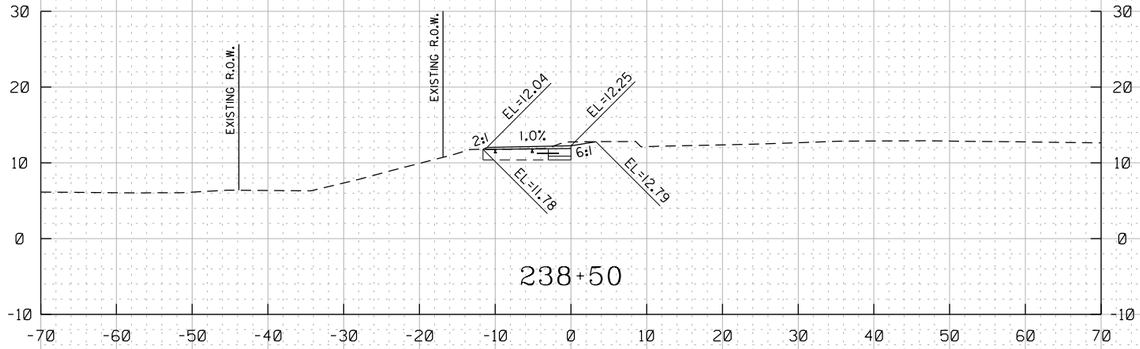
FILE

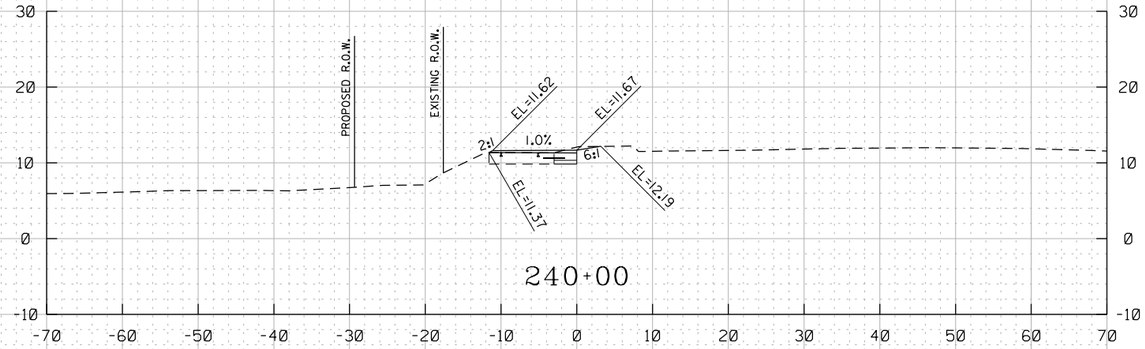
SHEET 572 OF 576

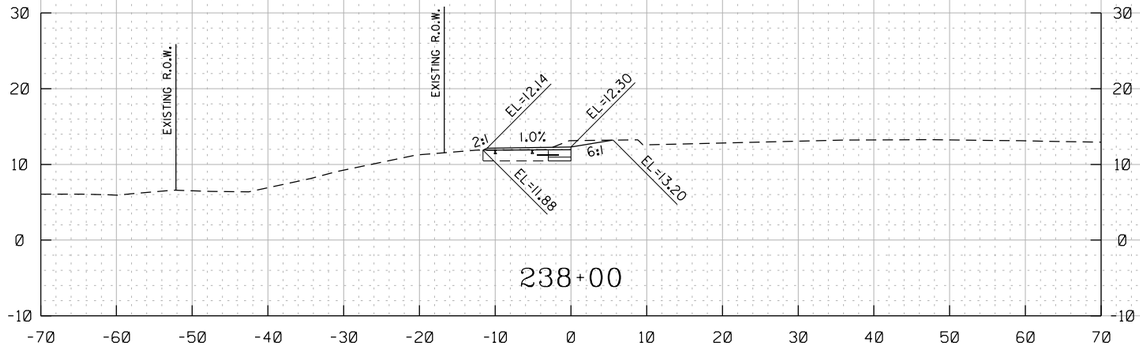
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	573	576

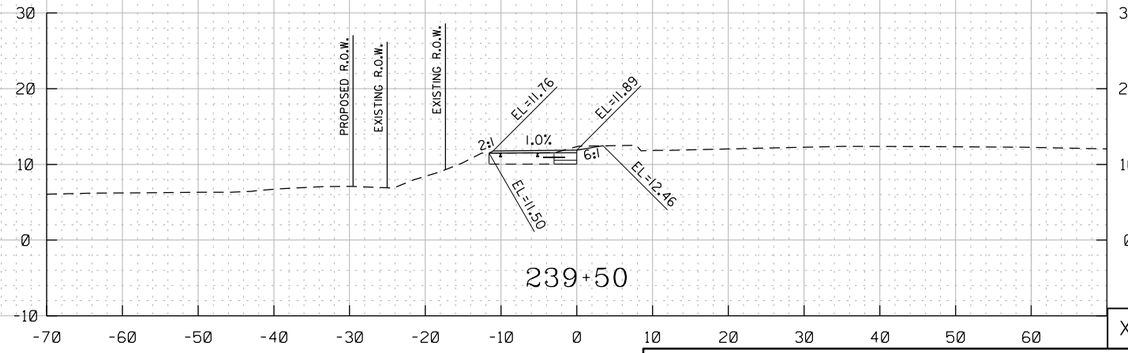












XS–78

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 238+00 TO STA 240+50

DIVISION CHIEF

DATE

FILE

SHEET 573 OF 576

ch2m TOOLE DESIGN

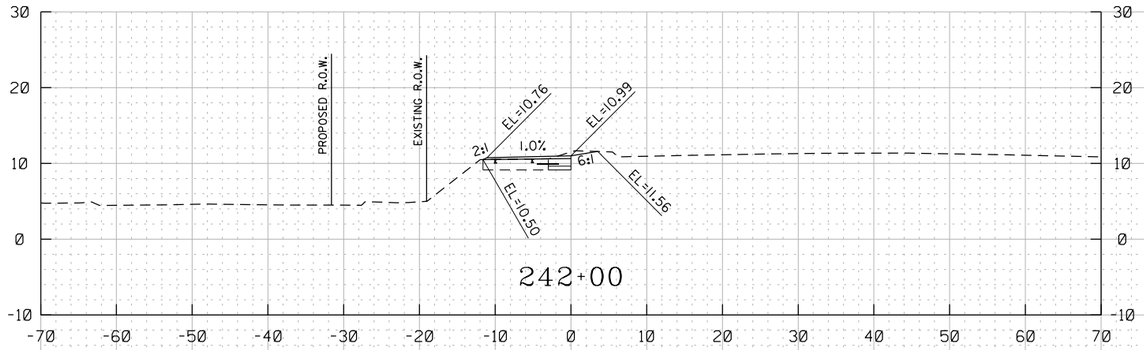
NO	DESCRIPTION	NAME	DATE

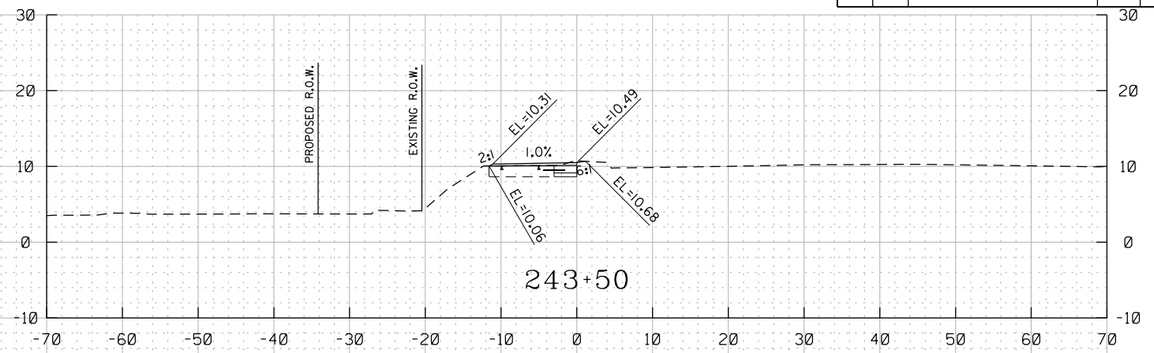
REVISIONS

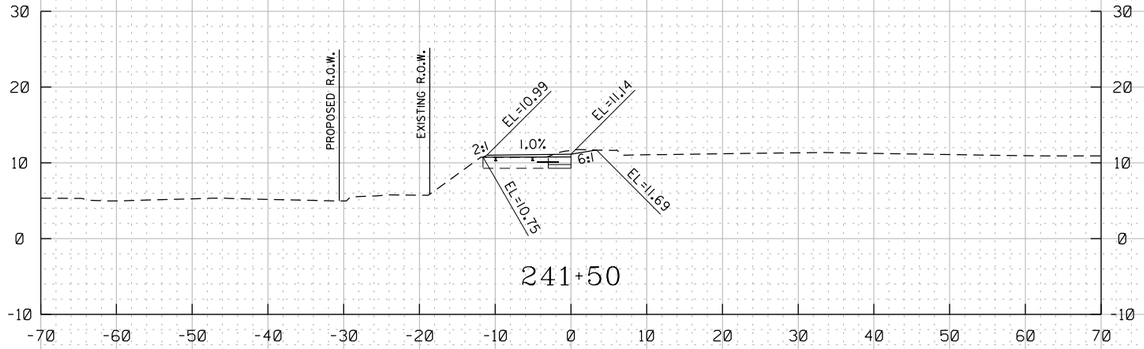
DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

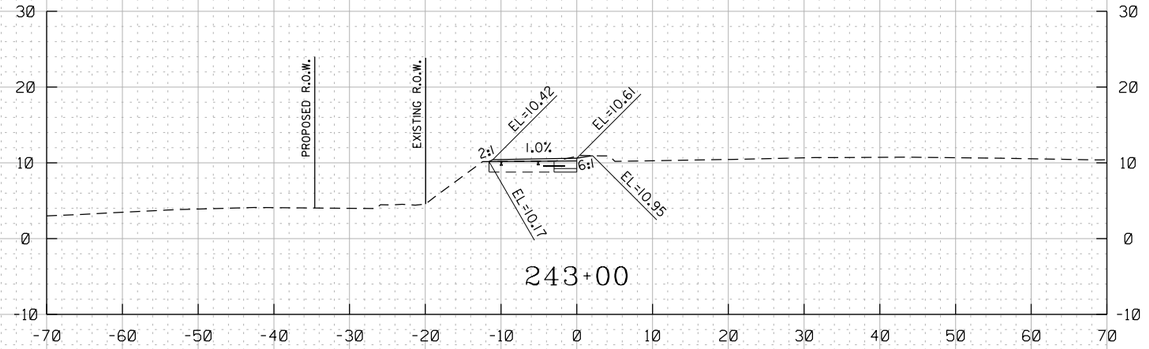
pXS-P08_Overlook5.dgn
8/8/2025

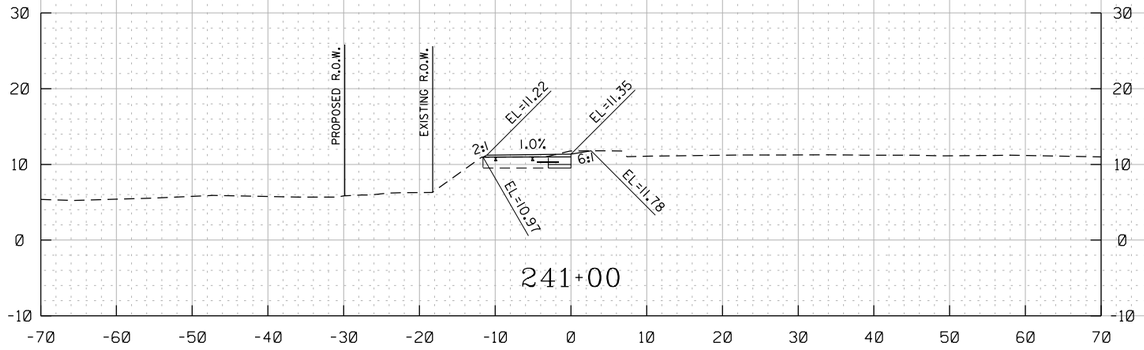
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	574	576

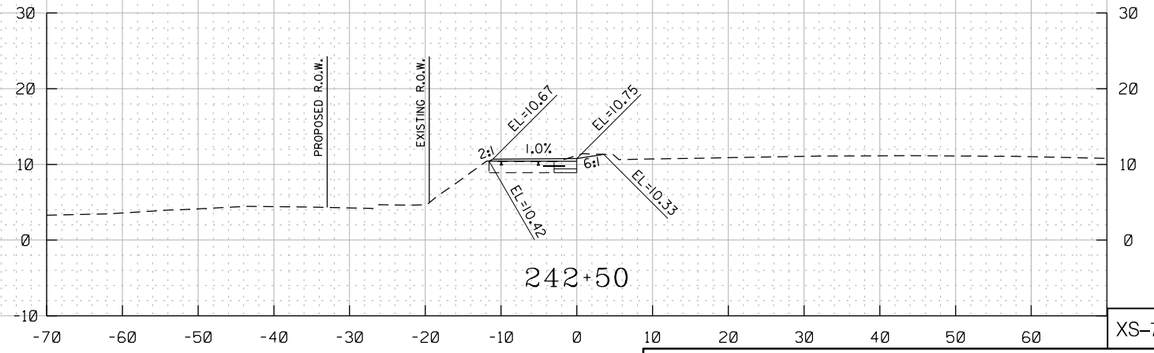












XS-79

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG. BN
DESIGNED BY BN
CHECKED BY MS
DRAWN BY BN
PROJECT MGR. MS

DIVISION CHIEF

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 241+00 TO STA 243+50

DATE
FILE
SHEET 574 OF 576

NO	DESCRIPTION	NAME	DATE

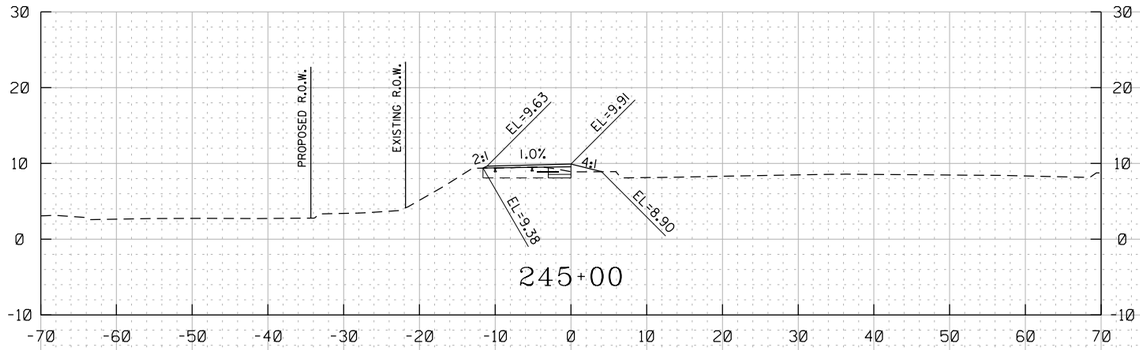
REVISIONS

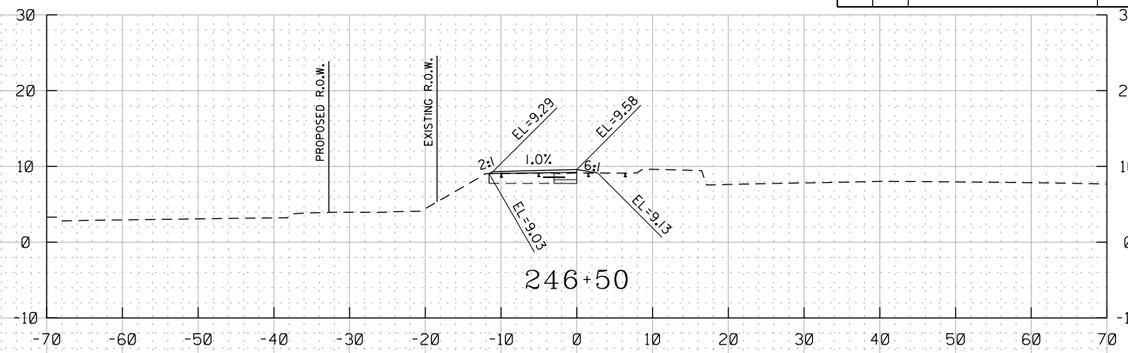
ch2m TOOLE DESIGN

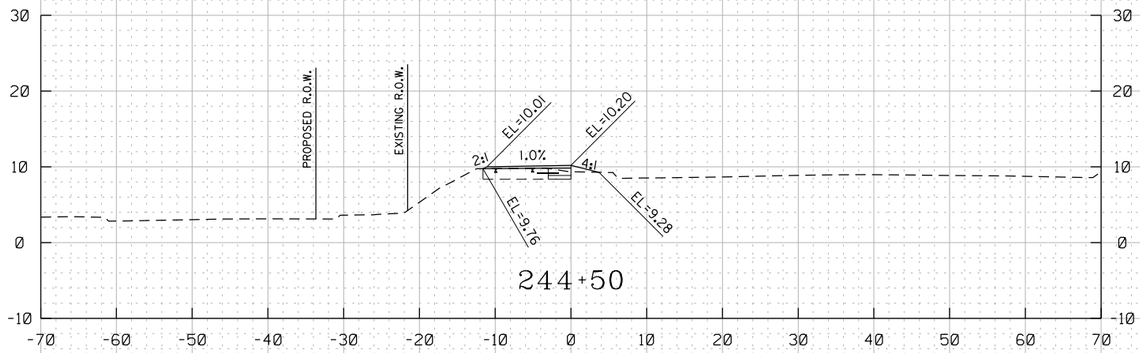
DISTRICT OF COLUMBIA
BRANDON D. SIMONS
NO. PE014760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

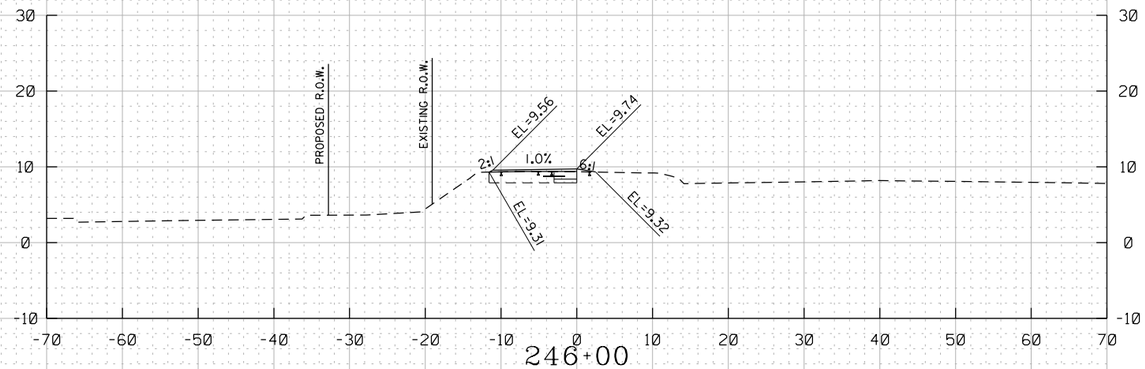
pXS-P08_Overlook5.dgn
8/8/2025

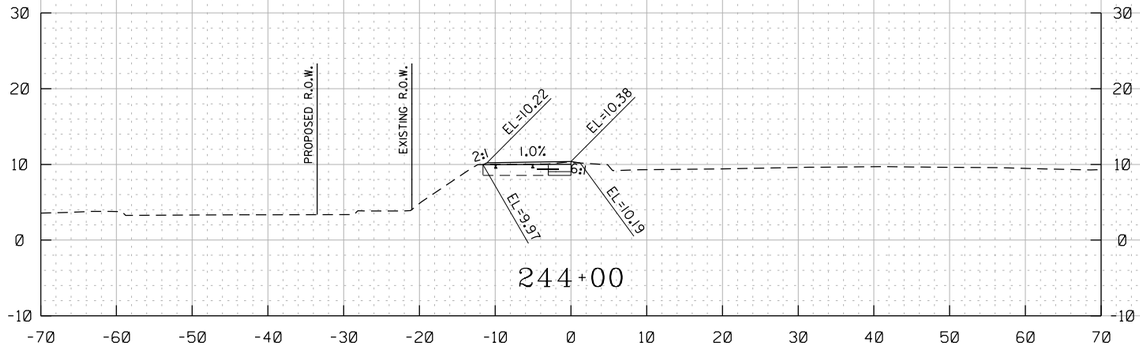
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	D.C.	1501(044)	575	576

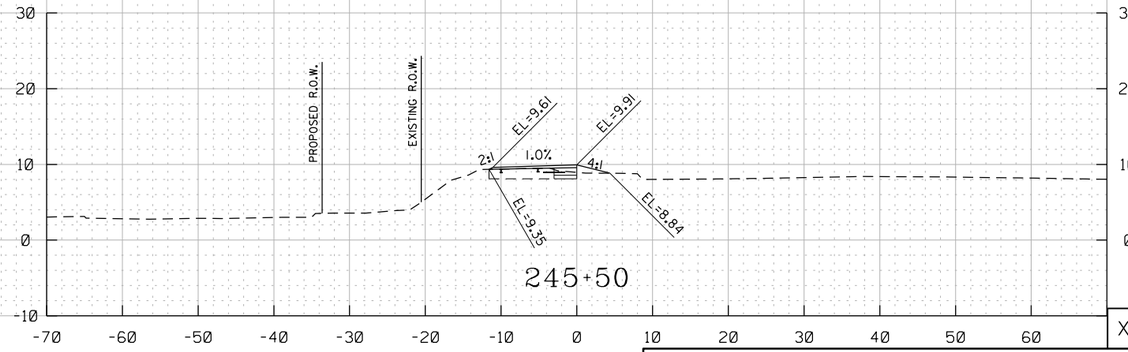












XS–80

pXS-P08.Overlook5.dgn
8/8/2025

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE904780
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

ch2m
TOOLE
DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 244+00 TO STA 246+50

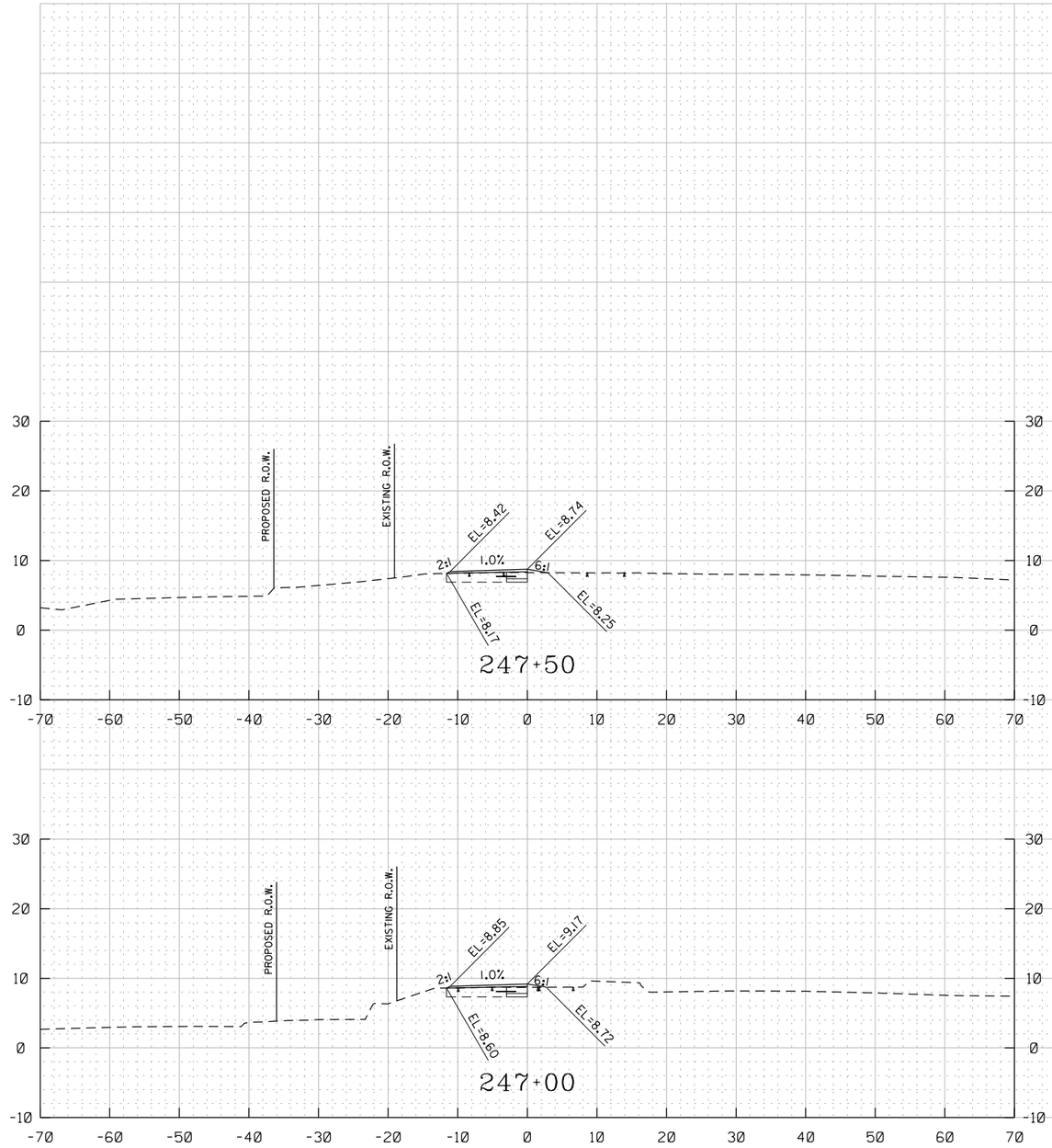
DIVISION CHIEF

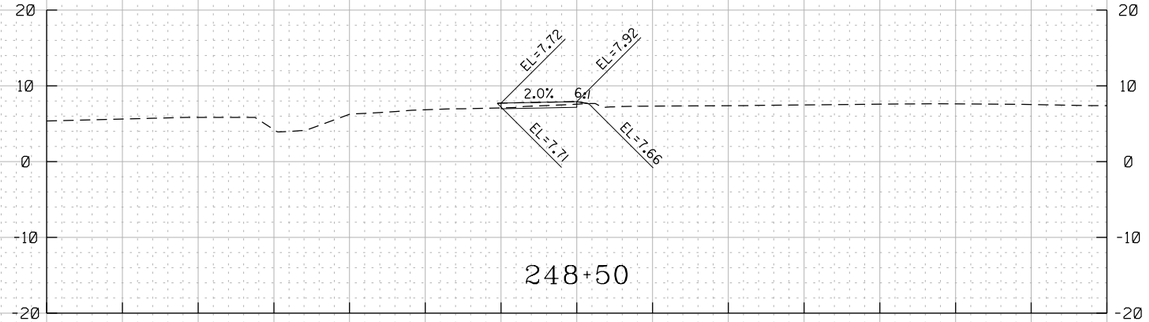
DATE

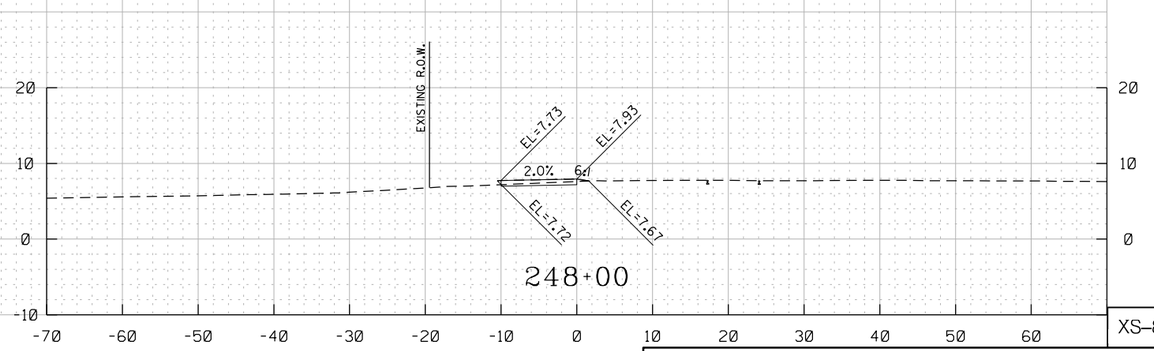
FILE

SHEET 575 OF 576

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	D.C.	1501(044)	576	576







XS–81

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 20'

SOUTH CAPITOL STREET TRAIL
FROM: W. OF OXON COVE PARK & DC VILLAGE
TO: FIRTH STERLING AVE./S. CAPITOL ST. INTER.

PROJECT ENG.	BN
DESIGNED BY	BN
CHECKED BY	MS
DRAWN BY	BN
PROJECT MGR.	MS

PROPOSED CROSS-SECTIONS
OVERLOOK AVENUE
STA 247+00 TO STA 248+50

DIVISION CHIEF

DATE

FILE

SHEET 576 OF 576

ch2m TOOLE DESIGN

NO	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT OF COLUMBIA
RAMLON D. SINGLETON
NO. PE009760
3-31-2026
REGISTERED
PROFESSIONAL ENGINEER

pXS-P08_Overlook5.dgn
8/8/2025