Project Narrative: GSA Education / Wilbur Wright/
FOB 10B Rooftop

600 Independence Avenue SW, Washington, D.C. 20024

Project Description:

This is part of AT&T's Ericsson Modernization project which will upgrade the technology of the existing rooftop macro telecommunications site located at 600 Independence Avenue SW, Washington, D.C. 20024. This upgrade will add significant speed and capacity to the existing AT&T macro site to support National/Homeland Security and First Responders. There are three existing sectors on the existing rooftop, Alpha – Sector 1, Beta – Sector 2, and Gamma – Sector 3. Alpha houses (5) antennas while Beta and Gamma sectors each house (4) antennas, which defines the macro site.

The proposed installation will supplement the existing AT&T macro site and will add CBAND and Ericsson antennas in Alpha, Beta, and Gamma sectors. The installation of the Ericsson AIR6472 B77G B77 antennas will enable the existing site to continue operations on the upgraded network. This upgrade will ensure continued functionality, as well as add speed and capacity to AT&T's network ahead of upcoming major events at the National Mall and support future enhancements to the FirstNet platform.

Proposed Design

AT&T is proposing to keep the existing flush mount sectors in place, while upgrading the antenna mounting equipment. This will cause minimal changes to the visual impact of the site. A total of nine (9) antennas will be removed. A total of seven (7) new antennas will be installed in all sectors. AT&T is removing two (2) Ericsson RRHs and installing eight (8) new Ericsson RRHs in Alpha sector. The remainder of AT&T's existing Ericsson RRH will remain. In Alpha sector four (4), existing antennas will remain. A total of nine (9) antennas will be removed. A total of seven (7) new antennas will be installed.

Proposed Antenna Description:

Alpha Sector:

In Alpha Sector AT&T is proposing to remove one (1) Kathrein 742264 (52.5" x 10.3" x 5.7") antenna. Four (4) existing antennas will remain with upgraded flush mounts and relocated within the existing sector. One (1) CommScope 5NPX1006F antenna, two (2) CommScope 5UPX0805F antenna, and one (1) CCI-BSA-M65R-BUU-H6-K antenna will remain. One (1) Galtronics GP3324-07769-212 – (32.7" x 20.1" x 7") will be installed. Two (2) Ericsson RRHs 4890 B25/B66 RRHs will be removed. Two (2) Ericsson 4494 B14/B29 RRHs, and six (6) Ericsson 4467 B77D/B77G RRHs will be installed.

Beta Sector:

In Beta Sector AT&T is proposing to remove one (1) Kathrein 742264 (52.5" x 10.3" x 5.7") antenna, and three (3) CCI-HPA-45R-BUU-H4-K (50.2" x 18.6" x 8.2") antennas. AT&T is proposing to install one (1) CCI TPA45R-BU6BB-K – (72" x 23.8" x 8.4") antenna, one (1) CommScope NNH4-65B-R3-UPM-V2 (72" x 19.6" x 7.1")mosaic antenna, and one (1) Ericsson AIR6472 B77G B77M (36.41"x16.14" x 7.48") antenna, which will be mounted inside the mosaic antenna. Existing Ericsson RRHs will remain.

Gamma Sector:

In Gamma Sector AT&T is proposing to remove one (1) Kathrein 742264 (52.5" x 10.3" x 5.7") antenna, and three (3) CommScope SBNHH-1D65A – (55" x 11.9" x 7.1") antennas. AT&T is proposing to install one (1) CCI TPA45R-BU6BB-K –(72" x 23.8" x 8.4") antenna, one (1) CommScope NNH4-65B-R3-UPM-V2 (72" x 19.6" x 7.1") mosaic antenna, and one (1) Ericsson AIR6472 B77G B77M (36.41"x16.14" x 7.48") antenna, which will be mounted inside the mosaic antenna. Existing Ericsson RRHs will remain.

MPE Report:

The MPE report dated 5/19/2026 ensures that the rooftop terrace area is safe from exposure to the proposed antennas as long as actions for Site Compliance (Section 5.1) are performed upon installation.

Project Schedule:

AT&T to install is TBD, pending owner and DCRA approval.

Proposed Antennas Operational timeline:

Antenna are proposed as permanent with a timeline of 5 years of operational use.

Supporting Documents Included with This Submission for Consideration:

- Construction Drawings
- Mount Analysis
- Structural Analysis
- Photo Simulations
- MPE (RF Report)
- SF299 Form

smartlink
10 Church Circle
Annapolis, MD 21401

FA # 10036024 / SITE ID # 55174
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600 INDEPENDENCE AVENUE SW, WASHINGTON, DC 20024

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AT&T Mobility
9000 Mendenhall Ct.
Columbia, MD 21045

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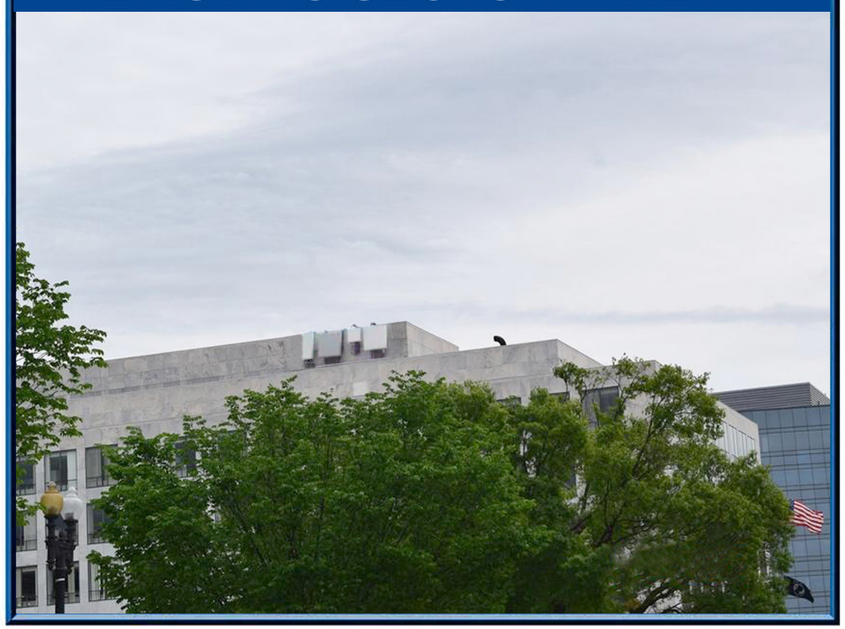
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SATELLITE VIEW



VIEW LOOKING SOUTHEAST FROM INDEPENDENCE AVE. SW

EXISTING SECTOR 1 VIEW



PROPOSED SECTOR 1 VIEW

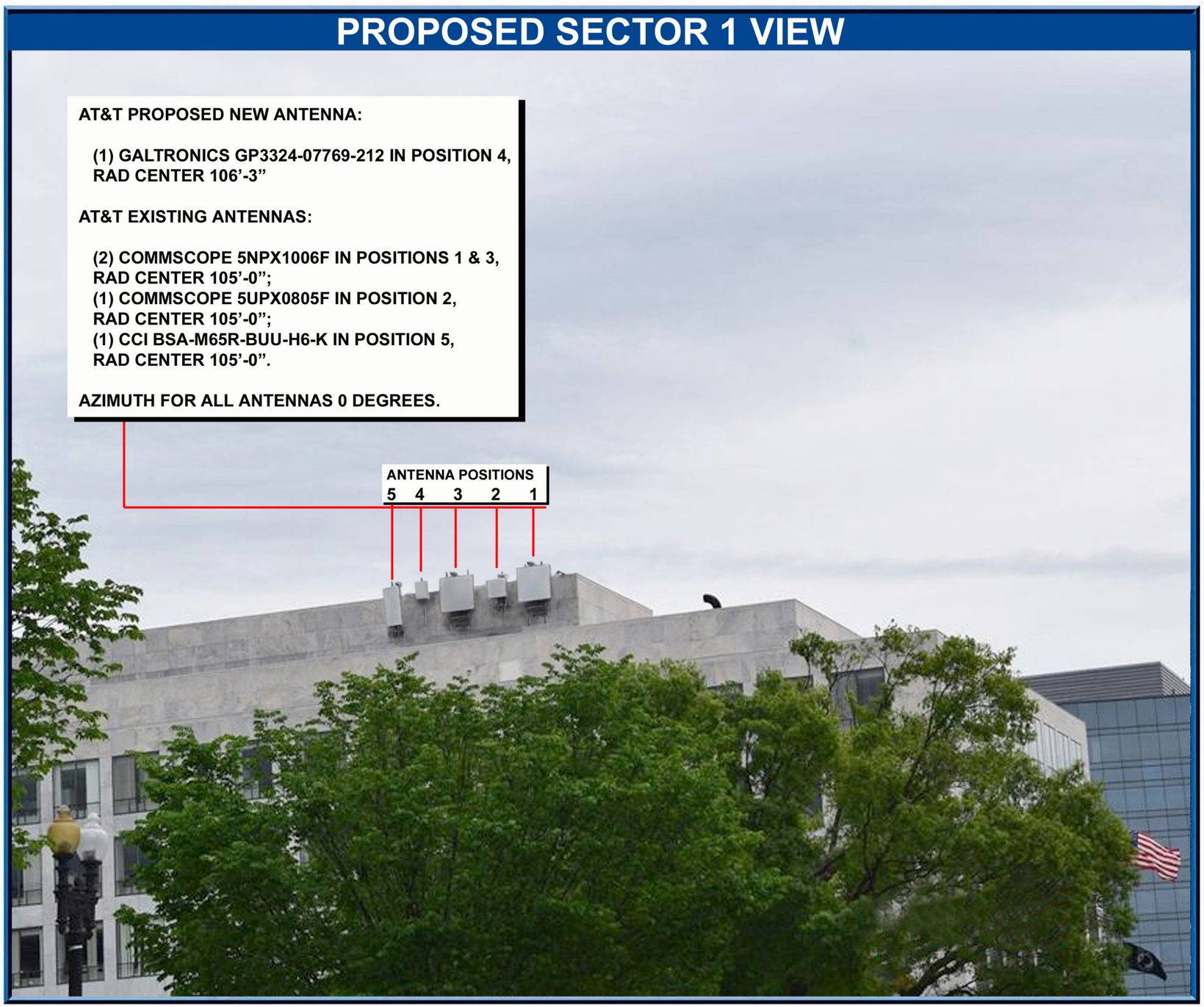
AT&T PROPOSED NEW ANTENNA:

(1) GALTRONICS GP3324-07769-212 IN POSITION 4,
RAD CENTER 106'-3"

AT&T EXISTING ANTENNAS:

(2) COMMSCOPE 5NPX1006F IN POSITIONS 1 & 3,
RAD CENTER 105'-0";
(1) COMMSCOPE 5UPX0805F IN POSITION 2,
RAD CENTER 105'-0";
(1) CCI BSA-M65R-BUU-H6-K IN POSITION 5,
RAD CENTER 105'-0".

AZIMUTH FOR ALL ANTENNAS 0 DEGREES.



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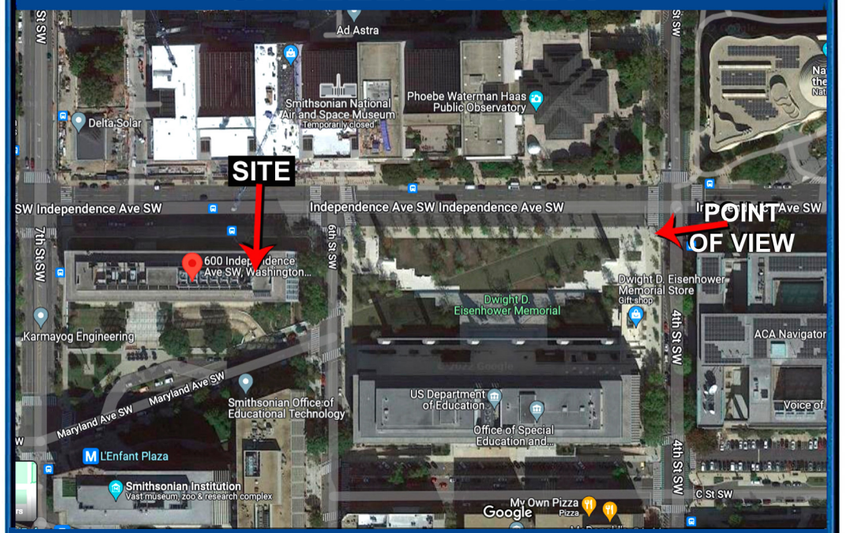
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SATELLITE VIEW



VIEW LOOKING WEST FROM 4TH ST. SW

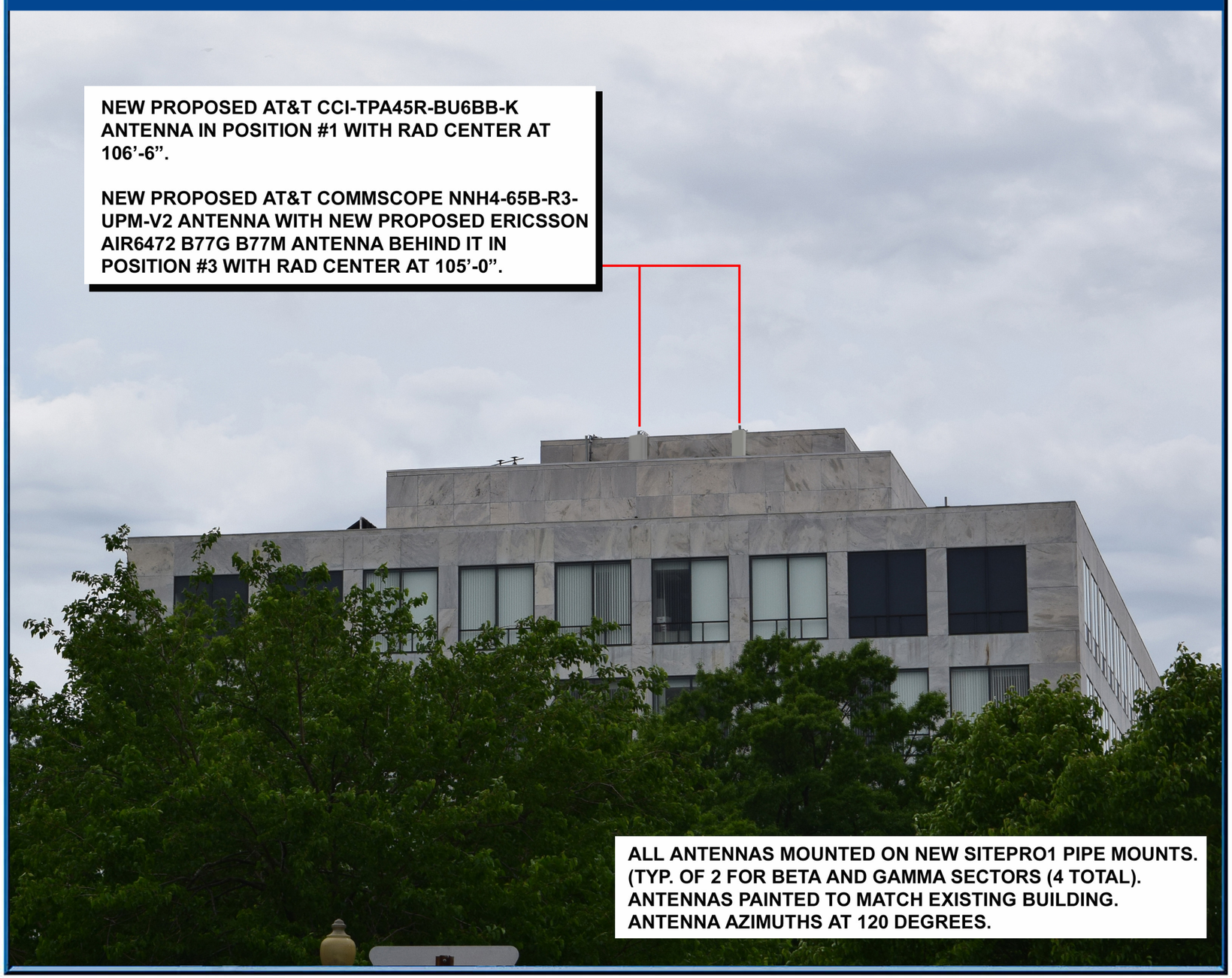
EXISTING SECTOR 2 VIEW



PROPOSED SECTOR 2 VIEW

NEW PROPOSED AT&T CCI-TPA45R-BU6BB-K ANTENNA IN POSITION #1 WITH RAD CENTER AT 106'-6".

NEW PROPOSED AT&T COMMSCOPE NNH4-65B-R3-UPM-V2 ANTENNA WITH NEW PROPOSED ERICSSON AIR6472 B77G B77M ANTENNA BEHIND IT IN POSITION #3 WITH RAD CENTER AT 105'-0".



ALL ANTENNAS MOUNTED ON NEW SITEPRO1 PIPE MOUNTS. (TYP. OF 2 FOR BETA AND GAMMA SECTORS (4 TOTAL). ANTENNAS PAINTED TO MATCH EXISTING BUILDING. ANTENNA AZIMUTHS AT 120 DEGREES.

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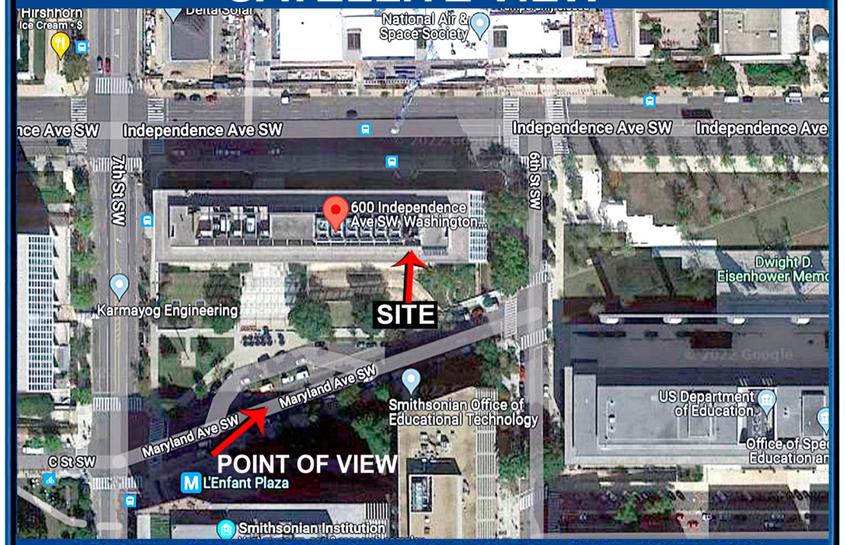
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SATELLITE VIEW

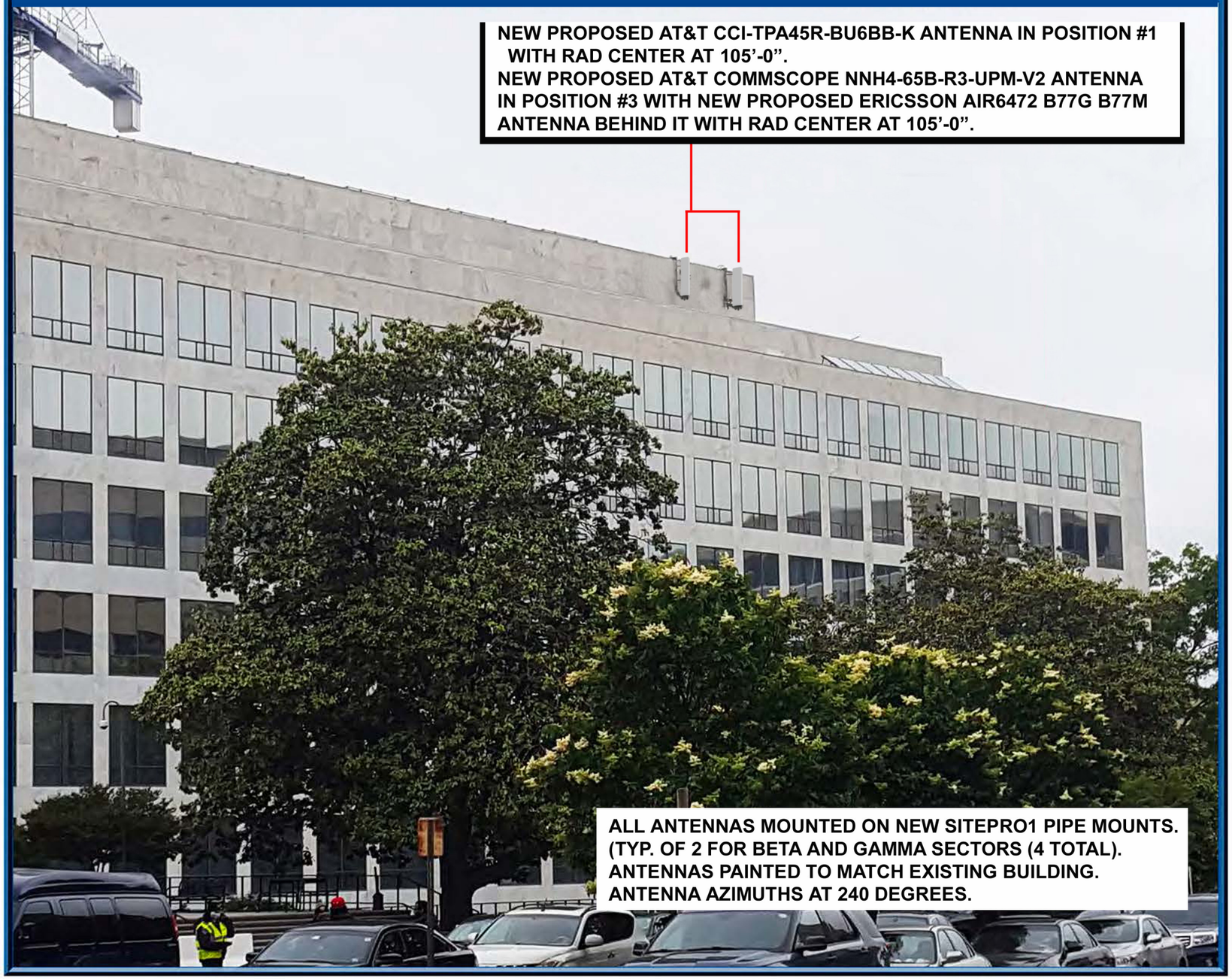


VIEW LOOKING NE FROM MARYLAND AVE. SW

EXISTING SECTOR 3 VIEW



PROPOSED SECTOR 3 VIEW



NEW PROPOSED AT&T CCI-TPA45R-BU6BB-K ANTENNA IN POSITION #1 WITH RAD CENTER AT 105'-0".
NEW PROPOSED AT&T COMMSCOPE NNH4-65B-R3-UPM-V2 ANTENNA IN POSITION #3 WITH NEW PROPOSED ERICSSON AIR6472 B77G B77M ANTENNA BEHIND IT WITH RAD CENTER AT 105'-0".

ALL ANTENNAS MOUNTED ON NEW SITEPRO1 PIPE MOUNTS. (TYP. OF 2 FOR BETA AND GAMMA SECTORS (4 TOTAL). ANTENNAS PAINTED TO MATCH EXISTING BUILDING. ANTENNA AZIMUTHS AT 240 DEGREES.