Project Narrative: U.S. Department of Agriculture
Rooftop
1300 Independence Ave, SW, Washington DC 20004

Project Description:

This project is part of AT&T's Ericsson Modernization project which will upgrade the technology to the existing AT&T rooftop macro telecommunications site located at 1300 Independence Ave, SW. This upgrade will add significant speed and capacity to the existing AT&T macro site to support National/Homeland Security and First Responders ahead of upcoming major events at the National Mall and support future enhancements to the FirstNet Platform. There are four existing sectors on the existing rooftop, Alpha – Sector 1, Beta – Sector 2, Gamma – Sector 3, and Delta – Sector 4. Each sector houses four (4) antennas which define the macro site. The proposed installation will upgrade the site by installing new Ericsson equipment. Three (4) existing antennas will be removed, and (2) existing antennas will be relocated. The remaining antennas will stay in the same locations.

Proposed Design:

AT&T is proposing to keep the existing antenna sled mounts in place. No changes will be made to the antenna sled locations. AT&T is proposing to relocate two (2) exiting antennas and install four (4) new antennas. AT&T will be removing two (2) RRHs and installing seventeen (17) new RRHs. This will cause minimal visual impact on the site. The Ericsson equipment upgrade will add speed and capacity to the existing macro site and better support and the FirstNet Platform.

Proposed Antenna Description:

Alpha Sector:
AT&T is proposing to remove one (1) AEWB 5G 39GHz (23.6"x12"x4.7") antenna and install one (1) new GP3324-07769-112 (32.7" x 20.1" x 7") antenna. The three (3) existing antennas will remain in place. AT&T will be removing one (1) 4490 B5/B12A RRH. AT&T will be installing (6) new Ericsson 4467 B77D/B77G RRHs and one (1) new Ericsson 4494 B14/B29.

Beta Sector:
AT&T is proposing to remove one (1) AEWB 5G 39GHz (23.6"x12"x4.7") antenna and install one (1) new GP3324-07769-112 (32.7" x 20.1" x 7") antenna. One (1) existing 5X14-1727FTD antenna will be relocated within the existing sector. The two (2) existing antennas will remain in place. AT&T will be removing one (1) 4490 B5/B12A RRH. AT&T will be installing six (6) Ericsson 4467 B77D/B77G RRHs, three (3) Ericsson 4471 B30, and (1) 4494 B14/B29 RRHs.

Gamma Sector:
AT&T is proposing to remove one (1) SBNHH-1D454A (48"x18"x7") antenna. AT&T is proposing to install one (1) Ericsson AIR6472 B77G B77M (36.41"x16.14" x 7.48") antenna. The three (3) existing antennas will remain in place.

Delta Sector:
AT&T is proposing to relocate one (1) SBNHH-1D454A antenna within the existing sector. AT&T is proposing to remove one (1) AEWB 5G 39GHz (23.6"x12"x4.7") antenna and install one (1) new Ericsson AIR6472 B77G

B77M (36.41”x16.14” x 7.48”) antenna. The two (2) existing antennas will remain in place.

Project Schedule:

AT&T construction start date is TBD, pending owner 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

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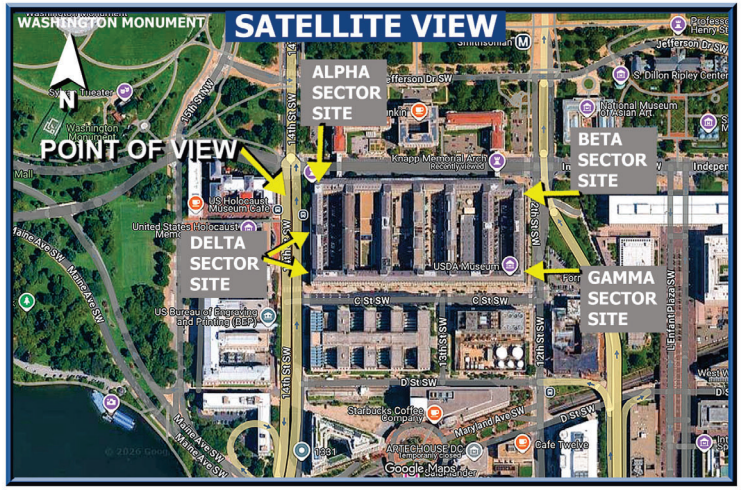
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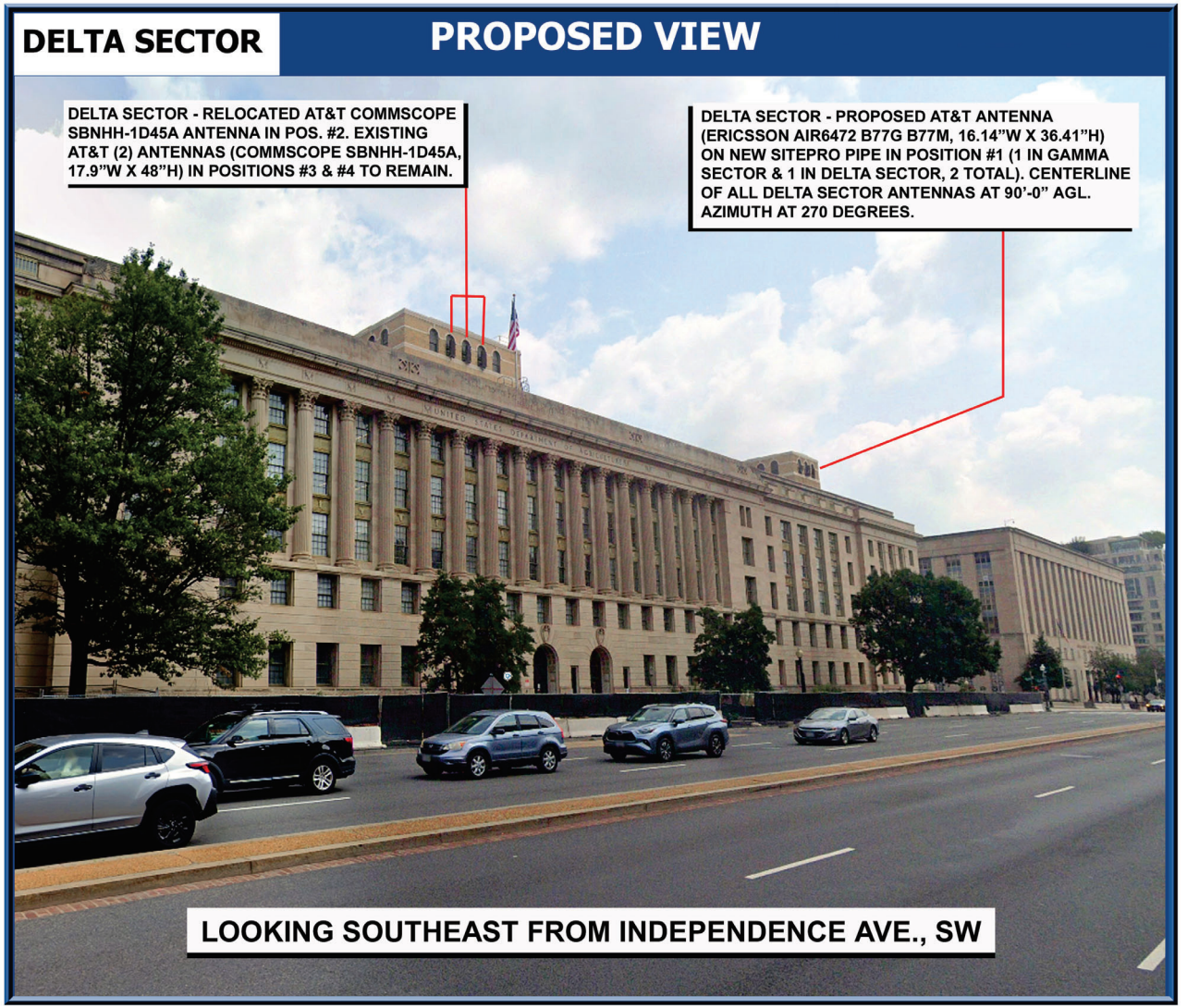
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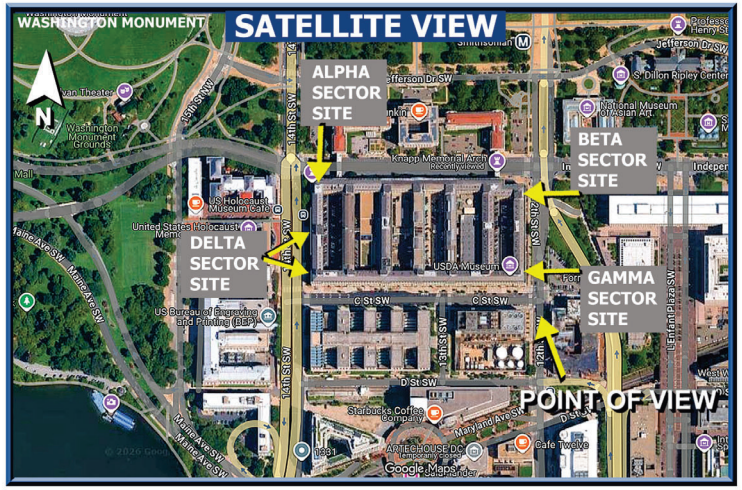
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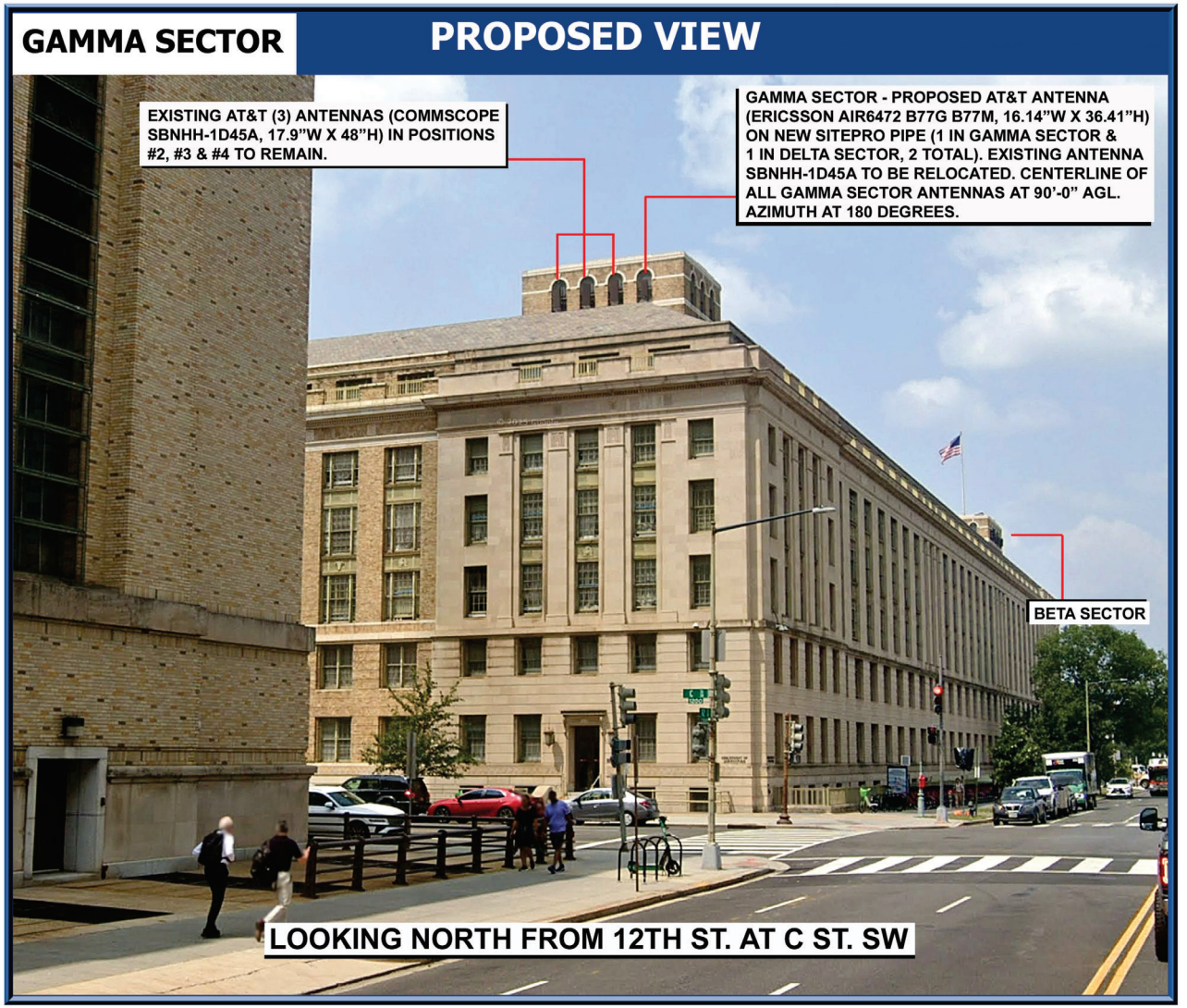
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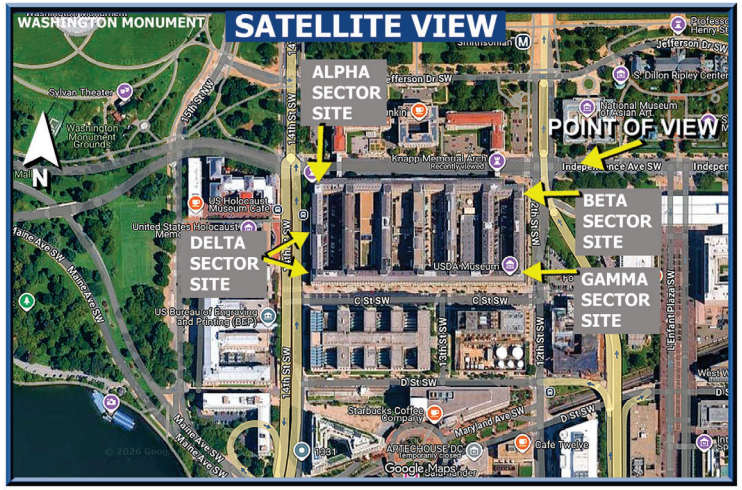
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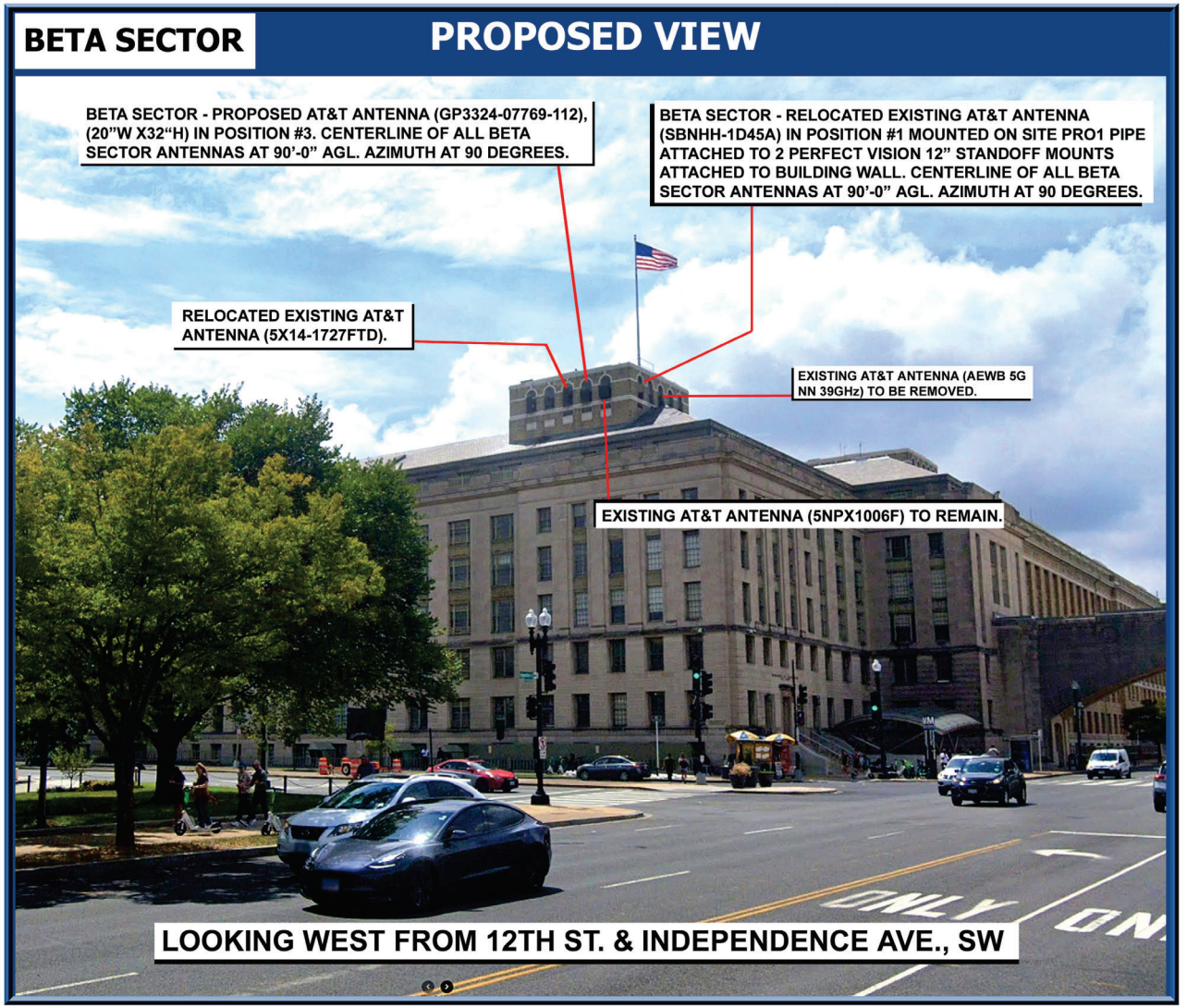
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