

Hubert H. Humphrey Federal Building T-Mobile Antenna Facility Modification

200 Independence Avenue SW,
Washington DC

Approval of Preliminary and Final Building Plans

United States General Services Administration

Project Summary



Commission Meeting Date: October 2, 2025

NCPC Review Authority: Review of Federal Projects in the District 40 U.S.C. § 8722(b)(1) and (d)

Applicant Request: Approval of Preliminary and Final Building Plans

Session: Delegated Action

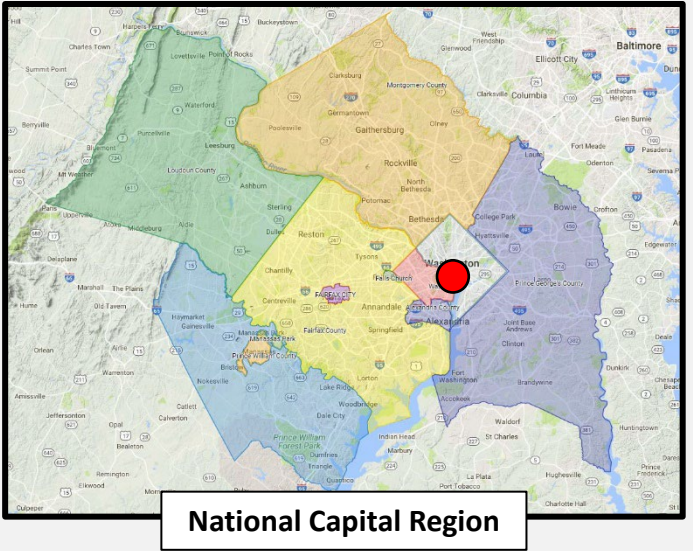
NCPC Review Officer: Michael Weil

NCPC File Number: 8698

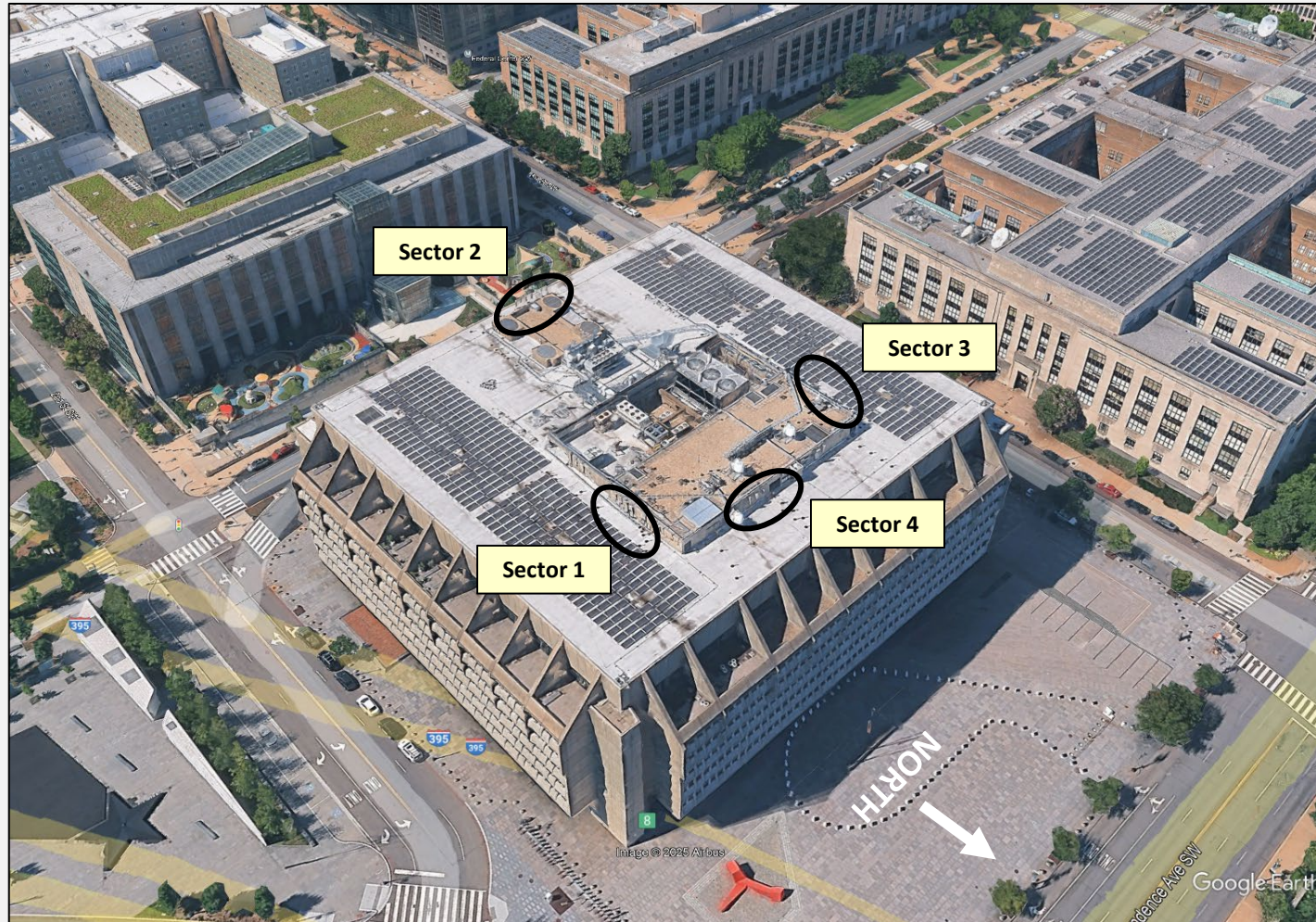
Project Summary:

The United States General Services Administration (GSA), on behalf of a private telecommunications provider, has submitted preliminary and final plans to replace two small cell antennas (measuring 7.8" x 7.8") with new mmWave antennas (measuring 8.0" x 11.0") on the upper wall of the United States Health and Human Services (DHHS) Hubert H. Humphrey Building. The new antennas will increase user capacity and maintain acceptable wireless calling and data signals in the area, with line-of-sight operations that target pedestrian cellular users. The telecommunications provider will replace one antenna in Sector 1 (facing east) and one in Sector 4 (facing north), with no upgrades made to the other sectors. The new antennas will each be installed using ballasted overhang flush mounts placed near the edge of the roof. The original equipment was installed on the building in 2004, and the private carrier has upgraded the antennas several times over the last 20 years to maintain the latest technology on-site. The replacement antennas will not adversely affect the viewshed since they will be roughly the same size as the existing antennas and painted to match the exterior facade of the building.

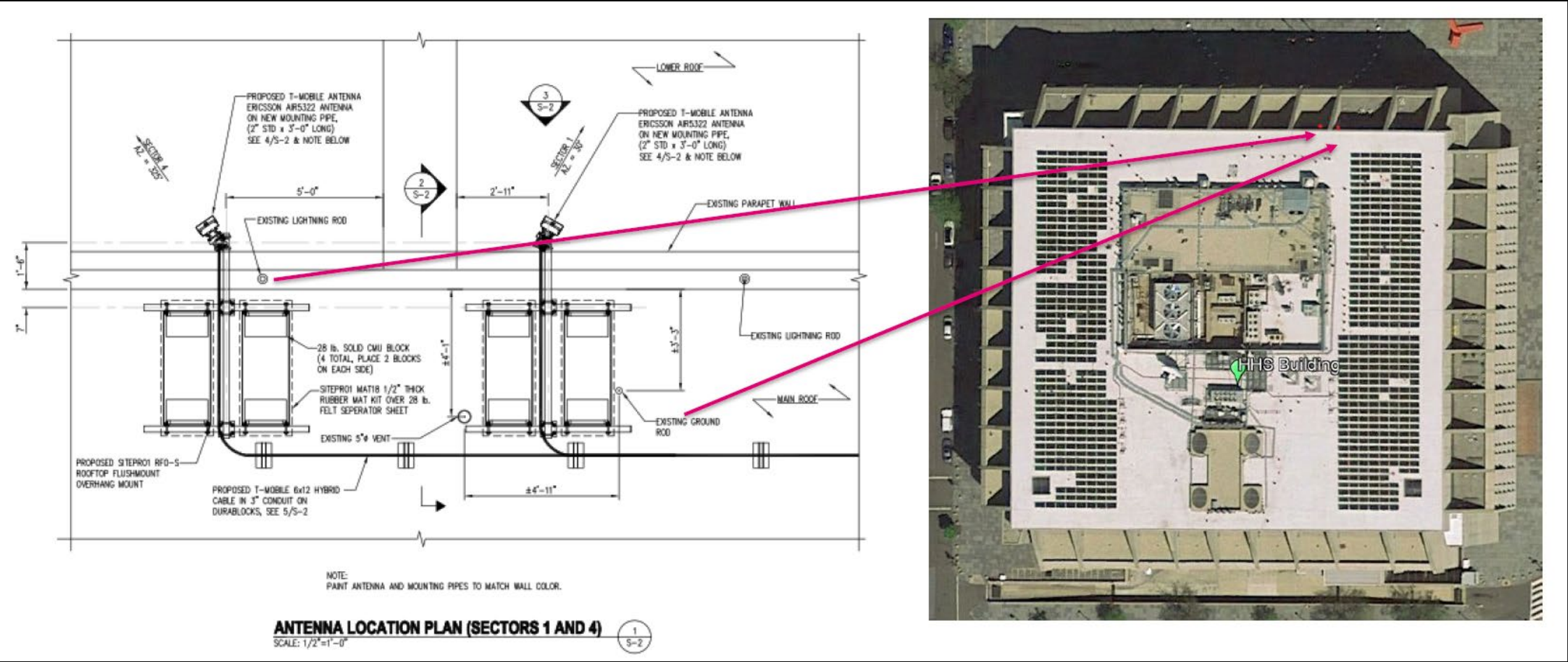
Project Location



Existing Equipment Locations



Proposed Installations



Antenna Details

Antenna and Mount Specifications: Proposed mmWave Air 5322

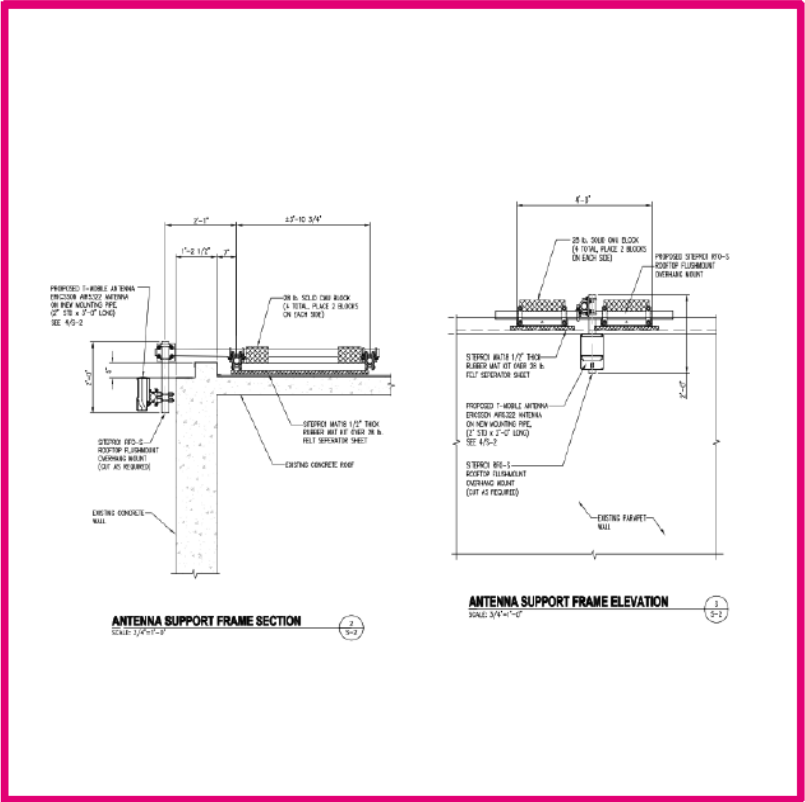
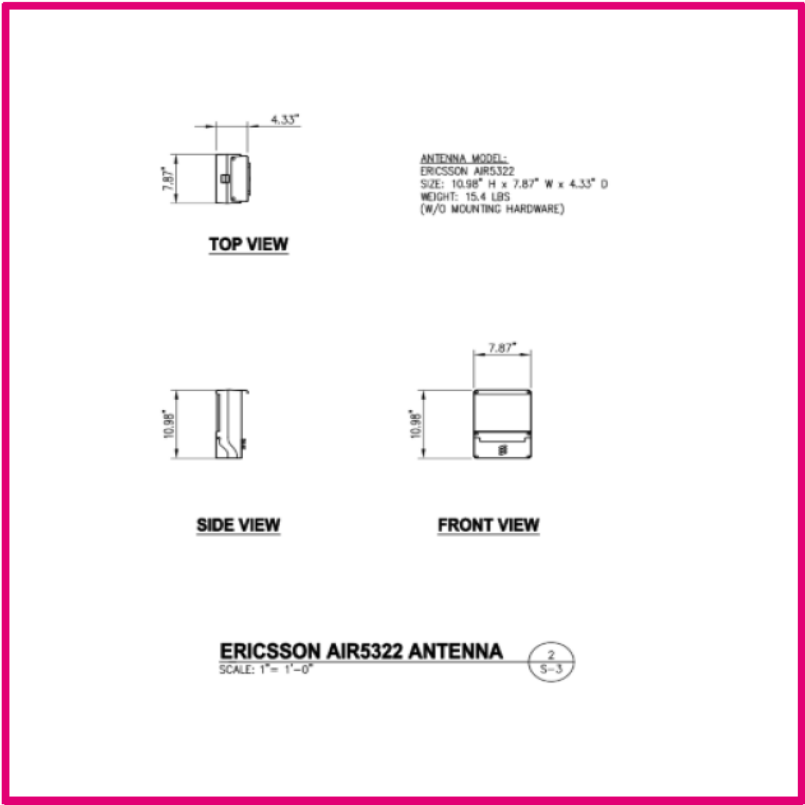
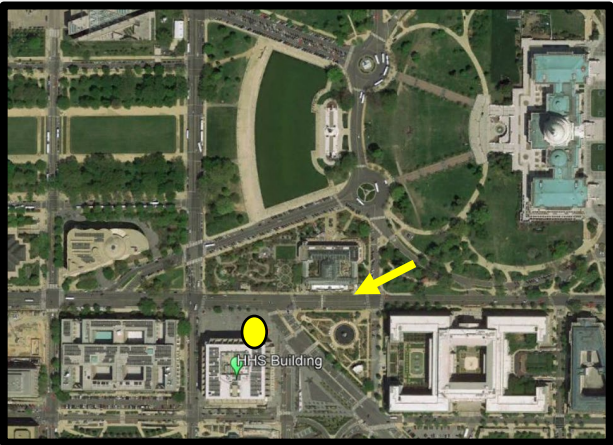


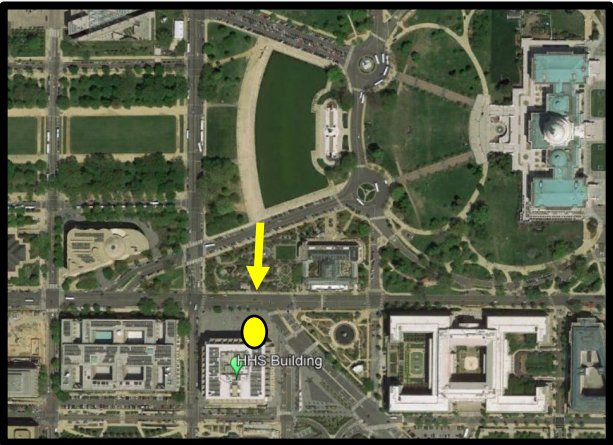
Photo Simulations



T-Mobile Existing vs. Proposed (View 1)



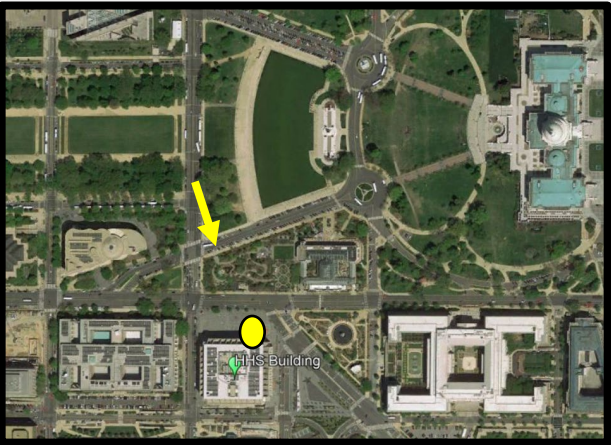
Photo Simulations



T-Mobile Existing vs. Proposed (View 2)



Photo Simulations



T-Mobile Existing vs. Proposed (View 3)

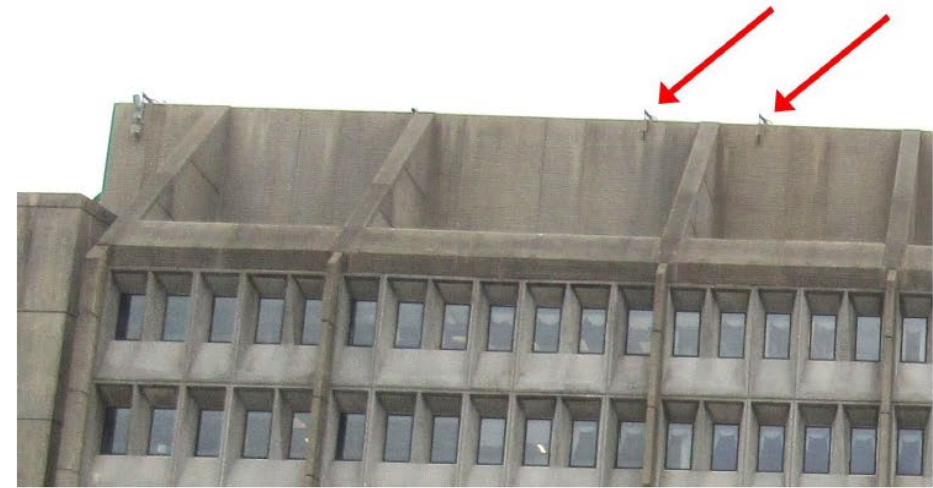


Photo Simulations

T-Mobile Existing vs. Proposed (Close-Up)



Existing w/Verizon on the Corner



Proposed T-Mobile mmWave Antennas