

# Theodore Roosevelt Federal Building T-Mobile Antenna Facility Modification

1900 E Street NW  
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

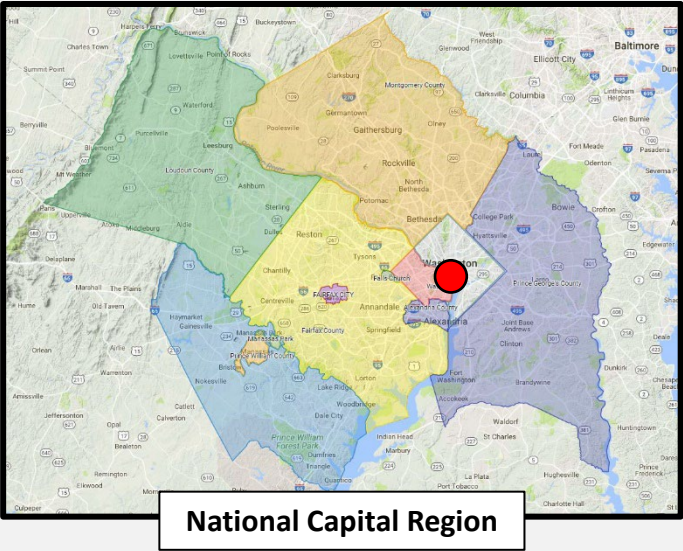
**NCPC File Number:** 8700

## Project Summary:

The United States General Services Administration (GSA), on behalf of a private telecommunications provider, has submitted preliminary and final plans to install one new mmWave antenna (measuring 8.0" x 11.0") on an existing rooftop pipe mount on the US Office of Personnel Management (OPM) Theodore Roosevelt Federal Building. The new antenna will increase user capacity and to maintain acceptable wireless calling and data signals in the area. The new mmWave antenna is a line-of-sight antenna that targets pedestrian cellular users. The telecommunications provider will install the new antenna in Sector 2, with no new upgrades made to the other three sectors (1,3,4). The original equipment was installed on the building in 2006, and the private carrier has upgraded the antennas several times over the last 19 years to maintain the latest technology on-site. The new antenna will not adversely affect the viewshed based on its relatively small size.

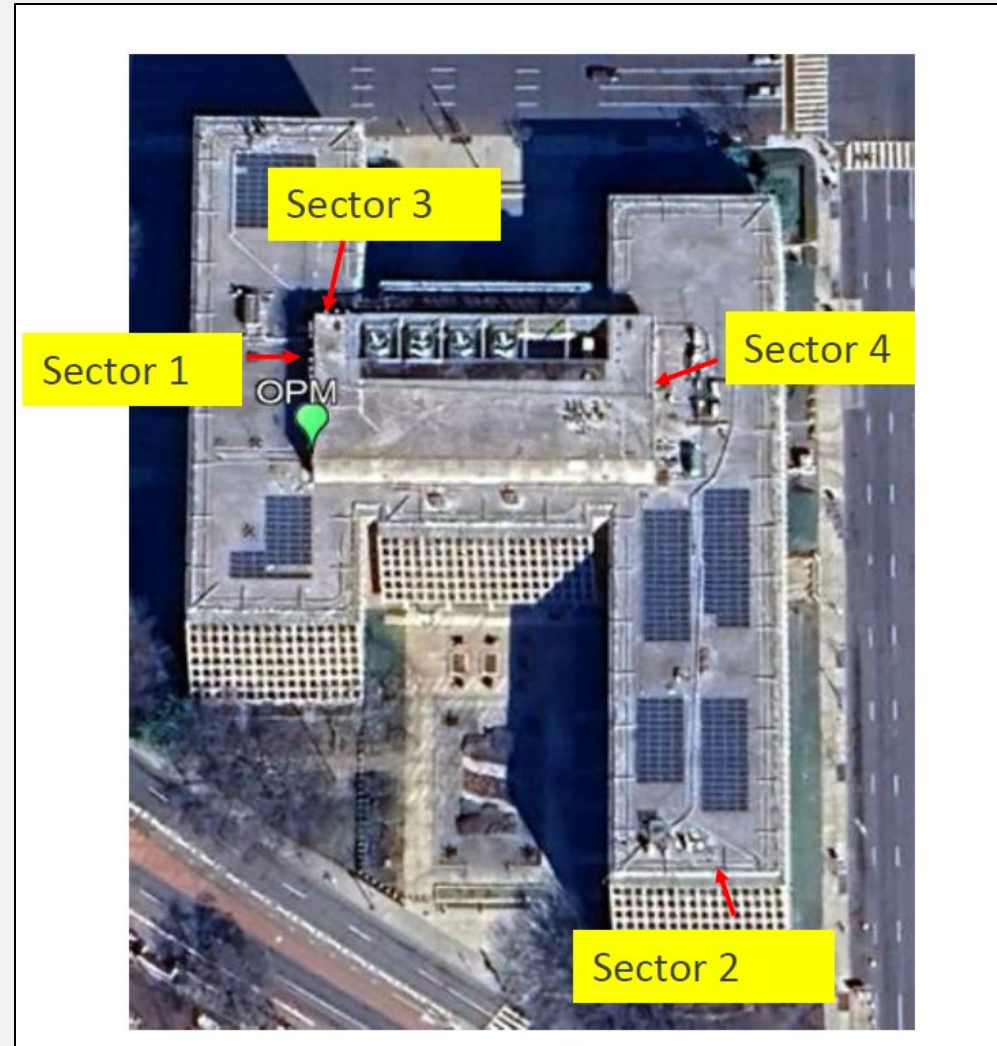


# Project Location



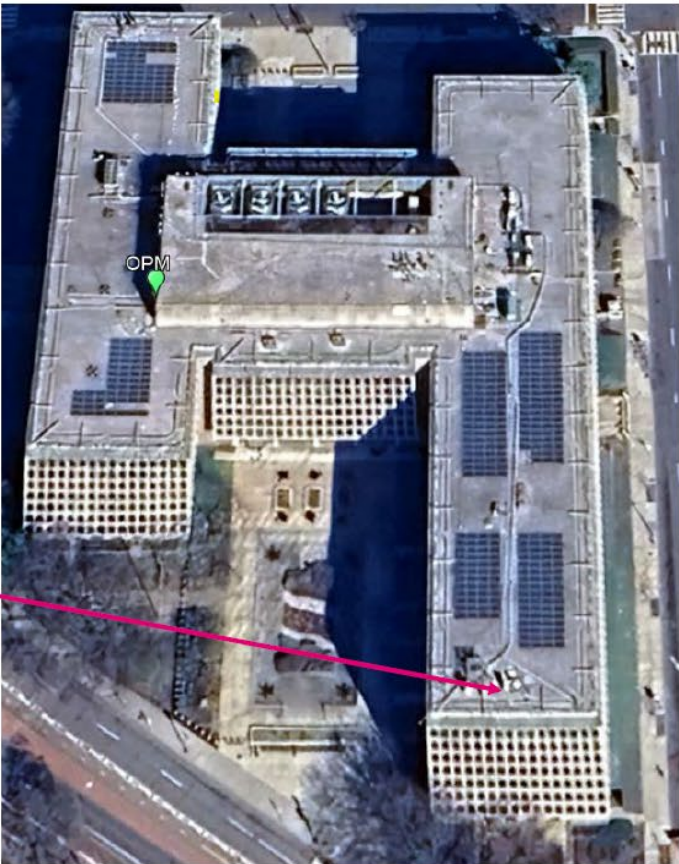
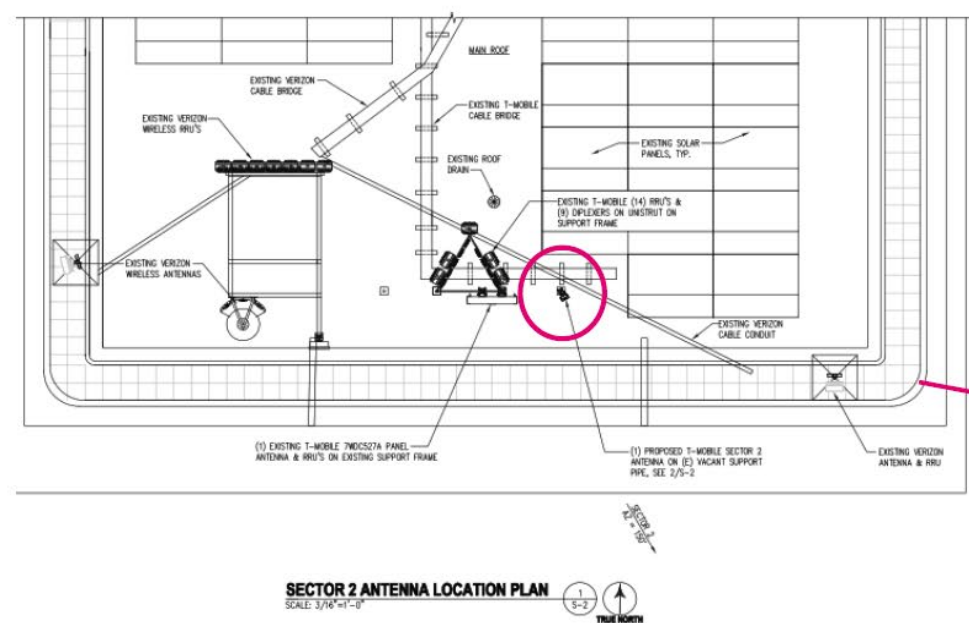


# Existing Equipment Locations



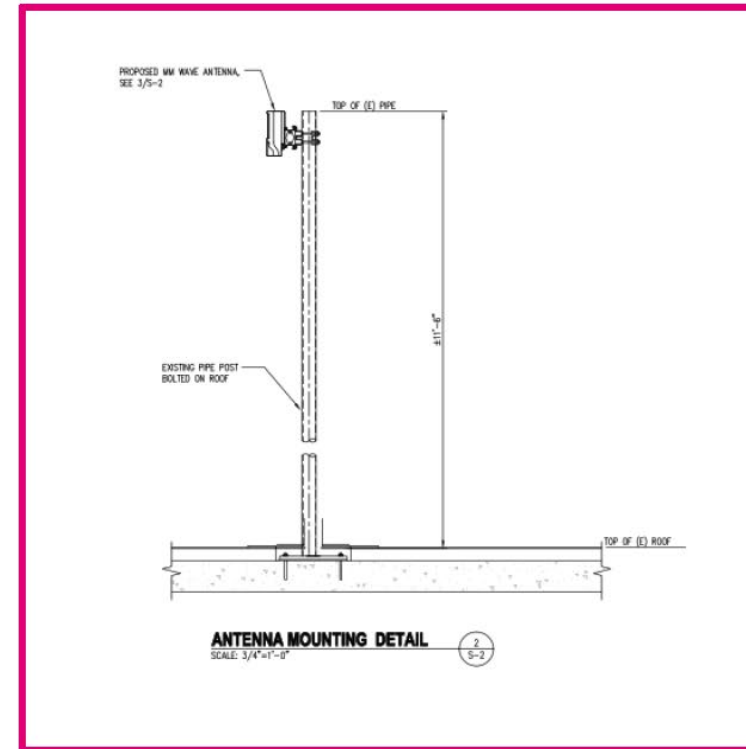
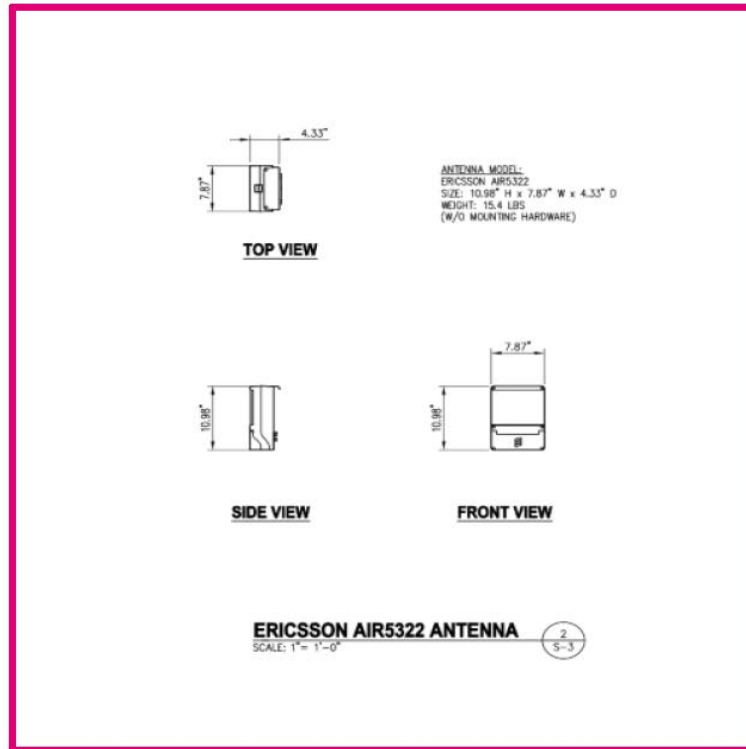
# Proposed Installation

## T-Mobile Proposed Antenna Installation



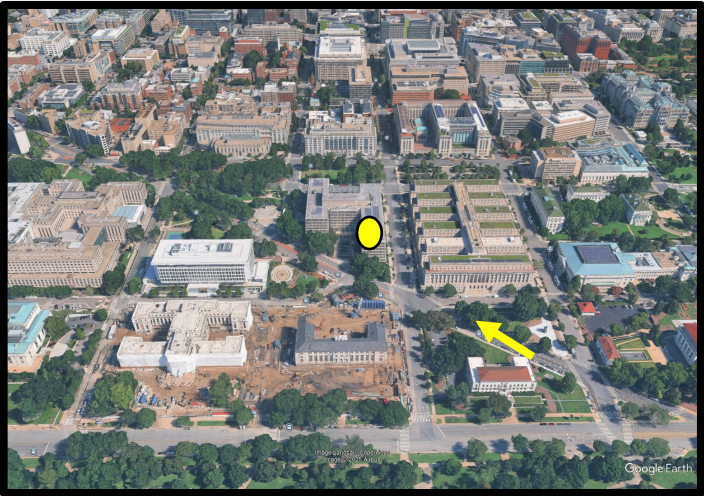
# Antenna Details

## Antenna and Mount Specifications: Proposed mmWave Air 5322





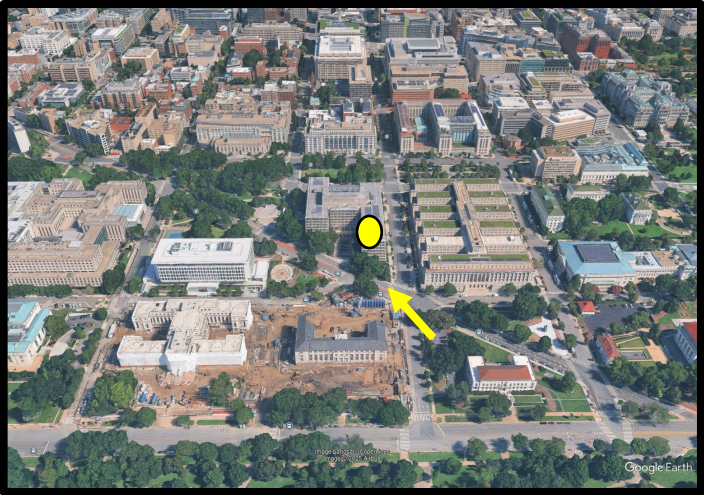
# Photo Simulations



T-Mobile Existing vs. Proposed (View 1)



# Photo Simulations



T-Mobile Existing vs. Proposed (View 2)



Site Name: 7WDC154B  
Wireless Communication Facility  
1800 E Street NW  
Washington, DC 20024

Photograph Information:  
View 2: 19th Street NW &  
Virginia Avenue NW  
View from the South  
Showing the Existing Site



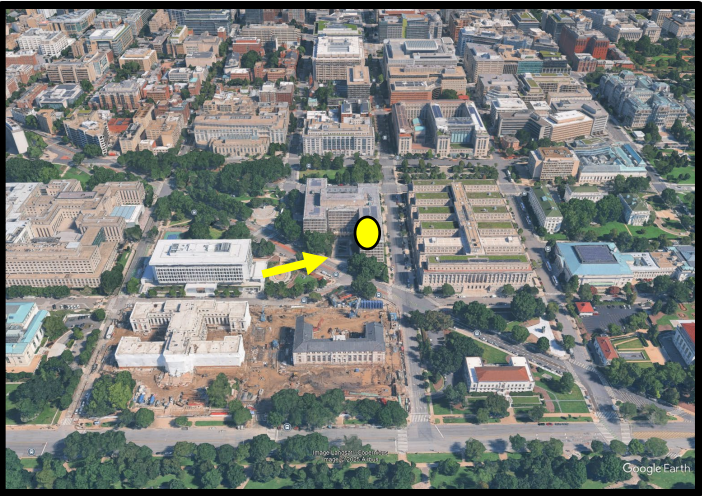
Site Name: 7WDC154B  
Wireless Communication Facility  
1800 E Street NW  
Washington, DC 20024

Photograph Information:  
View 2: 19th Street NW &  
Virginia Avenue NW  
View from the South  
Showing the Proposed Site





# Photo Simulations



T-Mobile Existing vs. Proposed (View 3)



Site Name: TWDC154B  
Wireless Communication Facility  
1900 E Street NW  
Washington, DC 20024

Photograph Information:  
View from the Southwest  
Showing the Existing Site

NBIC  
TOTALLY COMMITTED



Site Name: TWDC154B  
Wireless Communication Facility  
1900 E Street NW  
Washington, DC 20024

Photograph Information:  
View from the Southwest  
Showing the Proposed Site

NBIC  
TOTALLY COMMITTED

# Photo Simulations

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



Existing Verizon and T-Mobile Antennas



Proposed T-Mobile mmWave Antenna