National Capital Planning Commission Permanent Antenna Submission
Project Report

United States Department of Transportation
Office of the Secretary
Office of Facilities, Information, and Asset Management

October 14, 2026

Executive Summary

The United States Department of Transportation (DOT) has initiated a consolidation of its headquarters' (HQ) functions. This consolidation complies with government-wide guidance to increase Federal space utilization, specifically the Utilizing Space Efficiently and Improving Technologies Act.[1] Several of the Federal Aviation Administration's (FAA) Washington offices will be consolidated into DOT HQ. As part of this consolidation, DOT will need to install the proposed antenna tower on the roof of one of its headquarters buildings.

The antenna tower being placed on the west building of DOT's headquarters will ensure continued communication capabilities after the consolidation of functions into DOT HQ. It will be used solely for official government purposes and will have no commercial antennas affixed to it. There is no plan to create an antenna farm at the DOT HQ building. Should future security needs require an additional antenna, every effort will be made to place it adjacent to this antenna, utilizing the same or smaller structure, minimizing any visual impact.

[1] USE IT Act of 2023

National Capital Planning Commission (NCPC) Permanent Antenna Submission Project Report

This Project Report addresses all requested information related to NCPC's review of DOT's proposed permanent antenna tower installation, as documented in NCPC's Antenna Submission Guidelines.[2] DOT participated in a virtual Pre-Submission Briefing with NCPC, District of Columbia Historic Preservation Office (HPO), and U.S. Commission of Fine Arts (CFA) representatives on Wednesday, September 16, 2026. As discussed during that call, DOT is submitting this NCPC Submission Application form to request NCPC Permanent Antenna Submission Final Review.

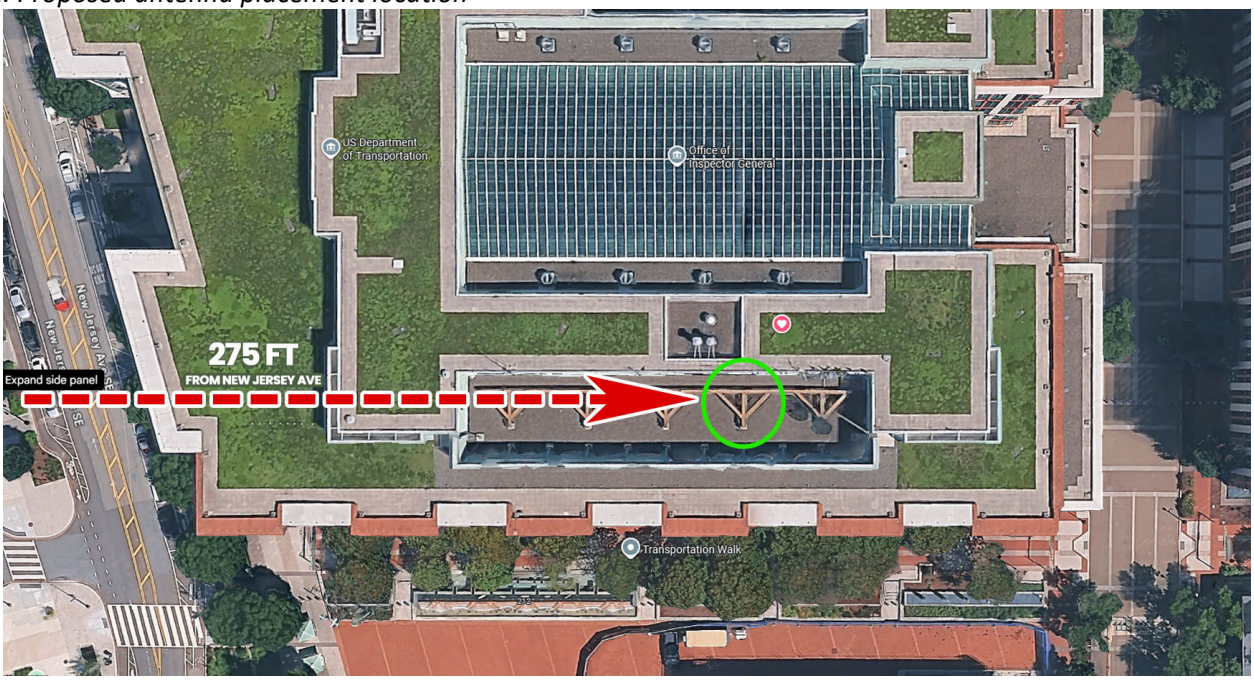
Project Overview

Project Description

The project site address is 1200 New Jersey Avenue SE, Washington, D.C. 20590. The tenant agency is the Department of Transportation. The antenna tower will be placed on the rooftop of the west building. The antenna will be four feet in diameter and will be affixed to a forty-eight foot tower, approximately thirty-three feet of which will extend beyond the existing rooftop privacy screen. It will be setback approximately fifty feet from the roof's south perimeter, approximately two hundred and fifty-five feet from the roof's west perimeter (the New Jersey Ave. perimeter), approximately two hundred and fifty-five feet from the north perimeter, and approximately one hundred and twenty-eight feet from the east perimeter.

[2] NCPC Submission Guidelines Final – January 2026

Image 1: Proposed antenna placement location



Description of Existing Antennas

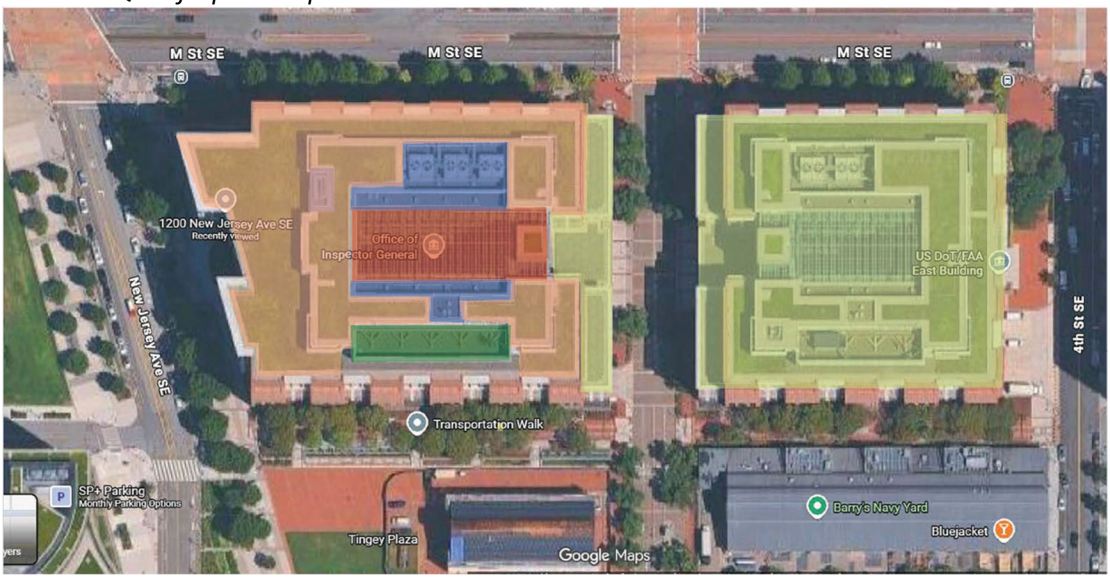
There are several small government-use antennas on the roof of the DOT HQ west building, with the tallest being a 15-foot antenna. These antennas are not structurally capable of supporting the planned antenna. There are no commercial antennas on the roof of the west DOT HQ building.

Alternatives

The Department considered alternatives to meet its communications needs. The proposed rooftop location is the only result that meets the Department's needs based on the below summarized requirements and constraints.

- The antenna tower must be directly affixed to the DOT HQ complex to communicate with spaces within the complex.
- The roof of the east building and the east side of the west building have a lower height roof than alternative locations, which would require a taller tower to which to affix the antenna.
    - These areas are highlighted in yellow in *Image 2* below.
- Additional areas of the west building including the glass atrium, green roof, and active mechanical equipment spaces would require extensive structural support and extensive change to the intended use of these spaces.
    - These areas are highlighted in red, orange, and blue, respectively in *Image 2* below.
- Existing antennas are not structurally capable of supporting the proposed antenna.
- The proposed location for the antenna installation is highlighted in green below. This roof location was designed specifically to provide the required structural support and privacy for rooftop mechanical equipment including antennas. The new antenna will be placed on the east side of structural supports, concealed in part by an existing privacy screen to its south, away from the New Jersey Avenue viewshed.

Image 2: DOT HQ rooftop aerial photo



Schedule

The antenna will be operational full time.

Public Engagement

The Department has not engaged with the public on this topic. The antenna tower will be located closest to the southern edge of the roof. The antenna tower will not change the building's footprint, will not generate new traffic, and does not alter public access to the building. Because the antenna tower will be a minor rooftop addition and will be set back from the edges of the roof (between fifty and two hundred and fifty-five feet from the various roof edges), it will be minimally visible from the street level. The measured distance from the antenna tower to New Jersey Avenue is estimated to be two hundred and seventy-five feet.

Coordination with Federal, State, and Local Jurisdictions

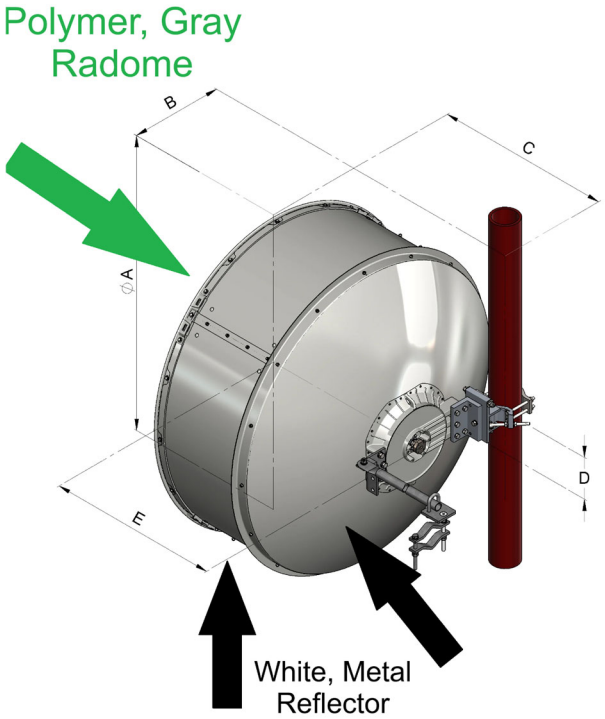
The Department remains committed to interagency coordination.

Detailed Project Information and Drawings

Design Details

The antenna will consist of white, smooth, metal with a flexible, woven, polymer gray radome.

Image 3: Proposed antenna rendering



Dimensions in inches (mm)					
Antenna size, ft (m)	A	B	C	D	E
4 (1.2)	50.8 (1291)	16 (407)	30.2 (767)	7.2 (183)	29.5 (748)

The antenna will be mounted on a triangular tower. The tower will be constructed using unpainted, galvanized, structural steel. Each side will be five feet wide.

Image 4: Proposed tower elevation rendering

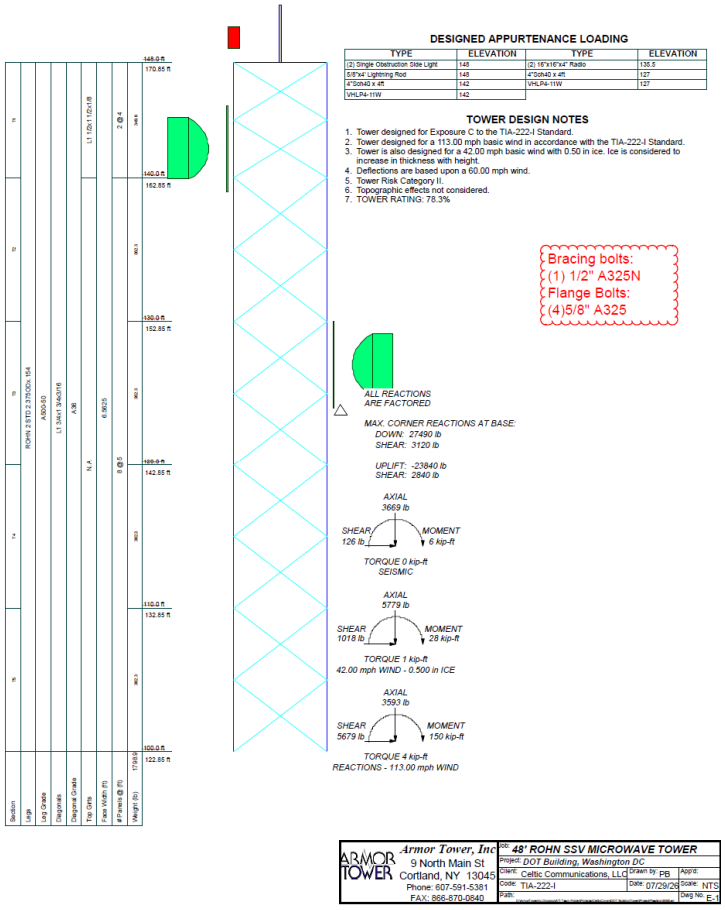
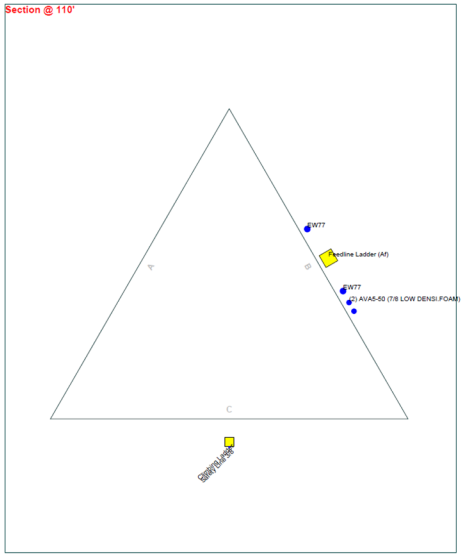


Image 5: Proposed tower aerial rendering



Renderings / Photo Simulations

Image 6: Street level rendering of proposed antenna from New Jersey Avenue SE at Tingey Square Park facing north, the proposed tower will be peripherally visible.



Image 7: Street level rendering of proposed antenna from New Jersey Avenue SE at Tingey Square SE facing north



Image 8: Street level rendering of proposed antenna from M Street SE at First Street SE facing east southeast



Environmental and Historical Considerations

Historic Preservation

No known historic preservation concerns are present within the Area of Potential Effect (APE).

Environmental

This action qualifies for a categorical exclusion based on FAA's environmental review standards, specifically FAA Categorical Exclusion 2.4(n). Supporting documentation is available upon request.

Safety Certifications

Agency Certifications and Commitments

The antenna complies with all applicable FCC, OSHA, and industry regulations.

End of Report.