



Executive Director's Recommendation

Commission Meeting: April 4, 2013

PROJECT

**New Wireless Sprint Nextel
Telecommunications Monopole**
*Joint Base Anacostia – Bolling
Mitscher Road and Robbins Road
Washington, DC*

NCPC FILE NUMBER

7481

NCPC MAP FILE NUMBER

84.22(38.30)43753

APPLICANT'S REQUEST

*Approval of comments on
preliminary and final site and
building plans*

SUBMITTED BY

Department of the Navy

REVIEW AUTHORITY

*Approval of Comments on Plans Located in
the Bolling-Anacostia Tract
610(a) of Public Law 93-166*

PROPOSED ACTION

Approve comments as requested

ACTION ITEM TYPE

Consent Calendar

PROJECT SUMMARY

The United States Department of the Navy has submitted preliminary and final site and building plans for the installation of a wireless telecommunications monopole and equipment and storage building at Joint Base Anacostia Bolling (JBAB) in Washington, DC.

KEY INFORMATION

- The proposed 70 foot tall Sprint Nextel Corporation monopole tower will replace an existing 64 foot light pole.
 - Nine transmitting and receiving cellular panel antennas will be mounted to the monopole at a centerline height of 70 feet above ground level.
 - Lights from the existing light pole will be relocated on the proposed monopole at centerline heights of 61 feet and 64 feet above ground level.
 - The telecommunications equipment and storage building, which measures 40 foot by 13 foot, will be constructed north of the base of the proposed monopole.
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RECOMMENDATION

The Commission:

Approves the preliminary and final site and building plans for the installation of a Sprint Nextel Wireless Telecommunications Monopole and equipment and storage building at Joint Base Anacostia - Bolling in Washington, DC.

PROJECT REVIEW TIMELINE

Previous actions	N/A
Remaining actions <i>(anticipated)</i>	N/A

*Prepared by Dereth Bush
3/19/2013*

I. PROJECT DESCRIPTION

Site

The wireless monopole installation site is located at the northern end of JBAB approximately 100 feet east of the intersection of Mitscher Road and Robbins Road. The monopole will replace an existing light pole that stands at the western edge of an existing baseball field. Surrounding land uses to the project site include recreation fields and the Child Center 3 facility.

Background

Joint Base Anacostia Bolling (JBAB) is located in southeast DC along the east bank of the Anacostia River. The installation is bound by South Capitol St SW to the north; South Capitol Street SE and Overlook Avenue SE to the east; the Bellevue neighborhood to the south; and a levy that runs along the Anacostia River to the west. JBAB was formerly two separate military installations, the Naval Air Station Anacostia and the Bolling Air Force Base, which were officially consolidated in 2010 under the 2005 order of the Base Realignment and Closure Commission.

Proposal

The United States Department of the Navy has submitted preliminary and final site and building plans for the installation of a new wireless telecommunications monopole and telecommunications equipment and storage building at JBAB in Washington, DC. The proposed monopole will replace an existing 64 foot light pole with a 70 foot tall Sprint Nextel Corporation monopole tower. Nine transmitting and receiving cellular panel antennas will be mounted to the monopole at a centerline height of 70 feet above ground level. The lights from the existing light pole will be relocated on the proposed monopole at centerline heights of 61 feet and 64 feet above ground level. The proposed monopole will include RFS APX18-206516S-C

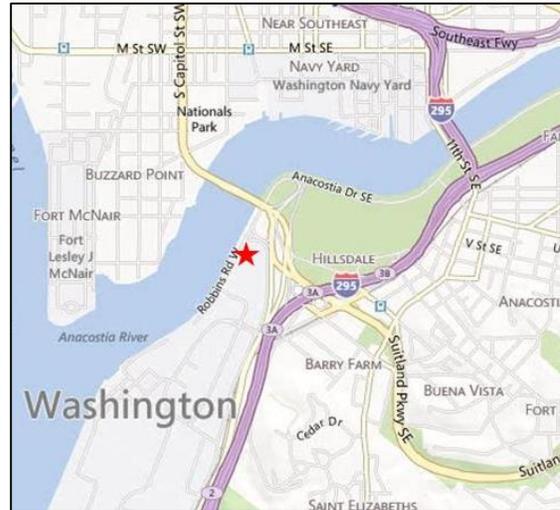


Figure 1: Vicinity Map



Figure 2: Project Site



Figure 3: Existing light pole that monopole will replace

panel antennas, which will operate on 1930 to 1945 MHz frequency band and will receive 1850 to 1865 MHz frequency with an emission bandwidth of 1.32 MHz. Additionally, the panel antennas will be oriented below the horizon to minimize co-channel interference and also to provide close-in, ground level coverage.

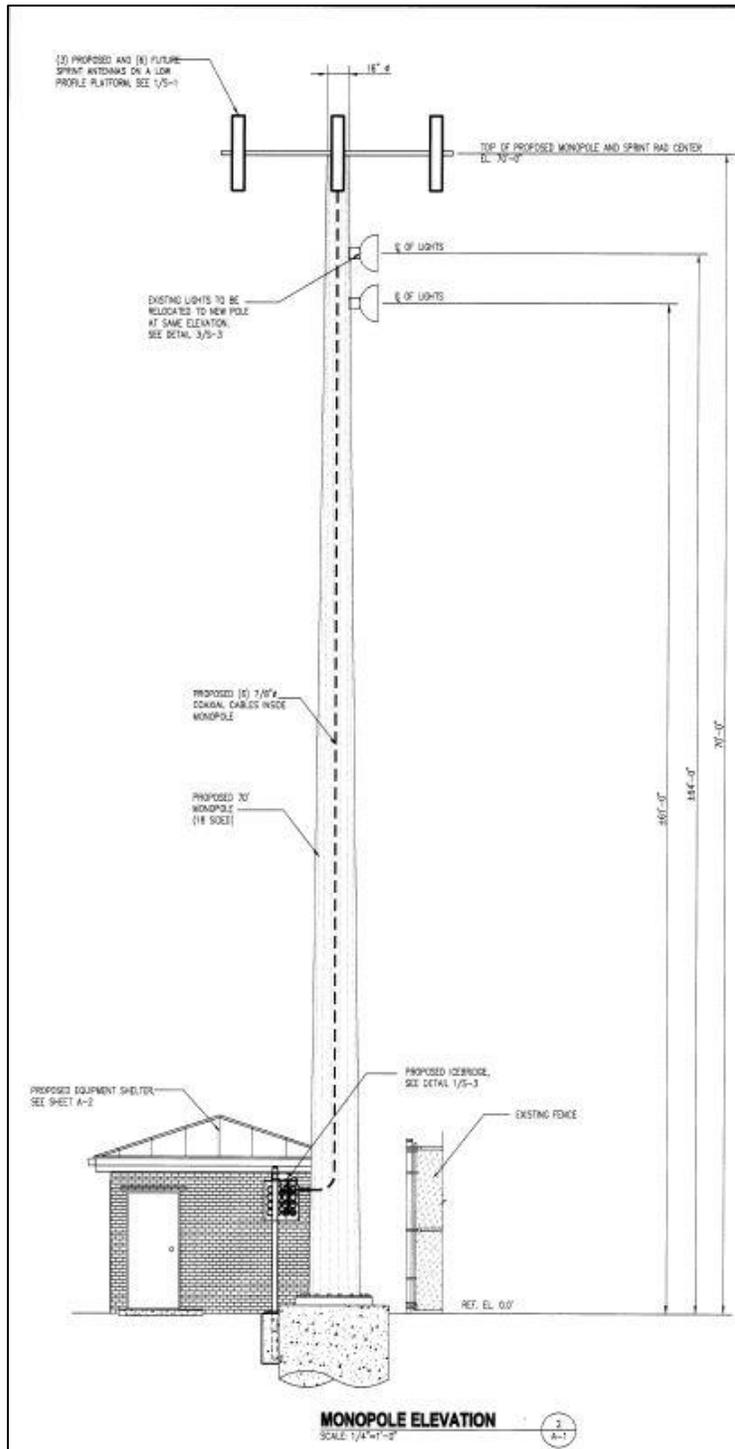


Figure 4: Proposed Monopole and Equipment and Storage Building Elevation Drawing

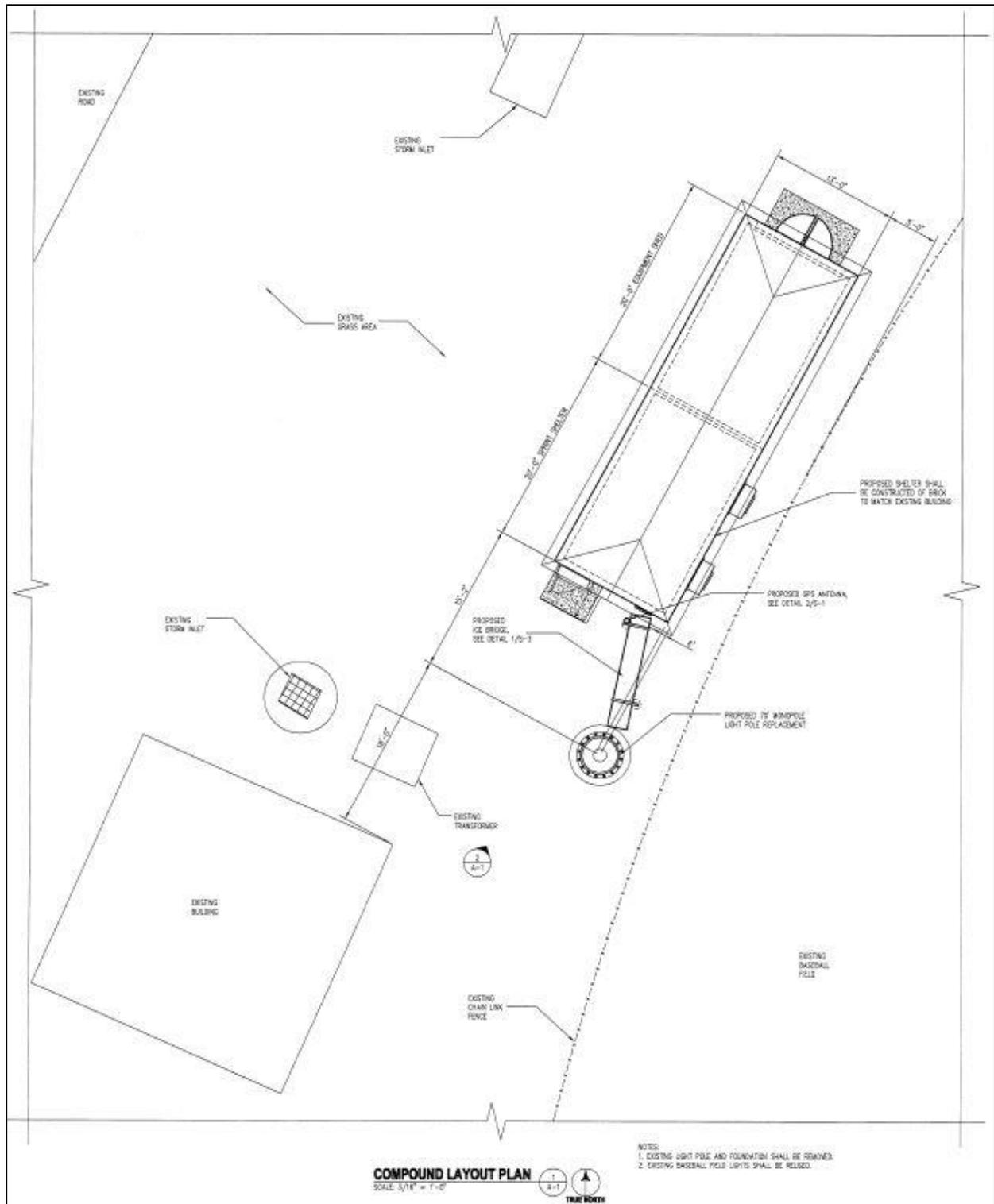


Figure 5: Proposed Monopole and Equipment and Storage Building Plan

The proposed project will also include a 40 foot by 13 foot telecommunications equipment and storage building constructed north of the base of the proposed monopole. Nine 7/8" coaxial cables will be routed from the antennas down through the interior of the monopole and across an ice bridge to the equipment and storage building. One proposed GPS antenna will also be installed on the ice bridge. Additionally, the telecommunications equipment and storage building's façade will use materials that are consistent with existing structures on the installation.

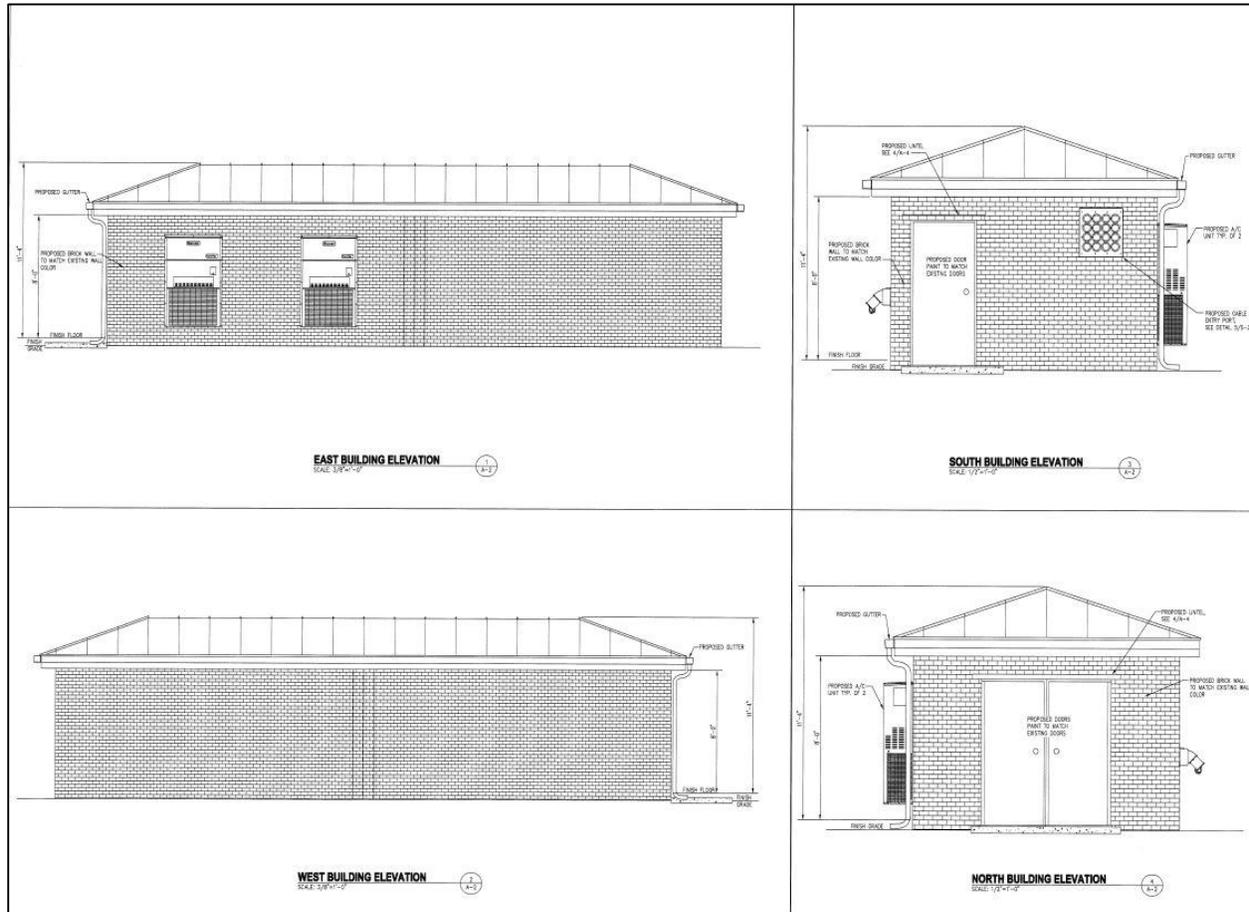


Figure 6: Proposed Equipment and Storage Building Elevation Drawings

II. PROJECT ANALYSIS/CONFORMANCE

Executive Summary

Staff recommends the Commission **approve the preliminary and final site and building plans for the installation of a Sprint Nextel Wireless Telecommunications Monopole and equipment and storage building at Joint Base Anacostia - Bolling in Washington, DC.**

Analysis

The Navy completed a visual analysis study for the monopole installation. The study demonstrates that the visual impacts of the proposed monopole will be minimal. The shape and size of the new monopole is very similar to the existing light pole that the monopole will replace. The following figures depict potential views of the proposed monopole from locations surrounding JBAB. Largely the monopole is not visible from any public access point outside of the installation, with the exception of Figure 8, which shows the monopole is visible when looking toward JBAB from across the Potomac River to the northwest.



Figure 7: View looking east toward the project site from the closest public access point near Fort McNair (Monopole Not Visible).



Figure 8: View looking southeast across the Potomac River toward the project. The black arrow indicates the existing light pole to be replaced.



Figure 9: View looking northwest toward Saint Elizabeth's Historic District at the closest public access point in the vicinity of the project (Monopole Not Visible).



Figure 10: View looking southwest toward the project site from Anacostia Drive (Monopole Not Visible).

Radiofrequency Radiation Analysis

The Navy conducted an Electromagnetic Environmental Effects (E3) safety review of the proposed installation and concluded that there are no predicted problems with regard to Electromagnetic Compatibility (EMC); Hazards to Electromagnetic Radiation to Personnel (HERP); or Hazards of Electromagnetic Radiation to Fuel (HERF).

Comprehensive Plan for the National Capital

The proposed installation is generally not inconsistent with the antenna-related policies contained in the Federal Elements of the Comprehensive Plan.

Relevant Federal Facility Master Plan

The Commission approved the comments on the draft Joint Base Anacostia-Bolling Master Plan at their May 5, 2011 meeting. The draft Master Plan expresses the intent to evaluate the utility systems and infrastructure present on the installation and address immediate adequate, future capacity, operational efficiency and physical location. Necessary upgrades and improvements to the existing utility infrastructure, which includes water, wastewater, stormwater, central heating and cooling, electricity, and telephone and communications, will be completed to meet existing and near-term demands of the installation.

National Environmental Policy Act (NEPA)

Pursuant with regulations implementing the National Environmental Policy Act (NEPA), the Department of the Navy made the determination that the project meets their criteria for a Categorical Exclusion per reference, section 5.5.1(b)(28), and can be excluded from further NEPA documentation: "Minor land acquisitions or disposals where anticipated or proposed land use is similar to existing land use and zoning, both in type and intensity." The Commission does not have independent NEPA responsibilities for this project.

National Historic Preservation Act (NHPA)

The Navy determined the project will have No Adverse Effect on historic properties. The DCSHPO reviewed the project and concurred with this finding in a letter dated February 28, 2013. The Commission does not have independent NHPA responsibilities for this project.

III. CONSULTATION

Coordinating Committee

The Coordinating Committee reviewed the proposal at its March 13, 2013 meeting and forwarded the proposal to the Commission with the statement that the proposal has been coordinated with all participating agencies. The participating agencies were NCPC; the National Park Service; the General Services Administration; the District of Columbia Department of

Transportation; District of Columbia Office of Planning; District of Columbia State Historic Preservation Office; and the Washington Metropolitan Area Transit Authority.