



Minor Construction Projects (FY 2017)

August 8, 2017

Fiscal Year 2017 Report to Congress



Homeland
Security

United States Coast Guard

Foreword

August 8, 2017

I am pleased to present the following report, “Minor Construction Projects (FY 2017),” which has been prepared by the U.S. Coast Guard.

Senate Report 114-264 accompanying the Fiscal Year 2017 Department of Homeland Security Appropriations Act (P.L. 115-31) directs the submission of a report detailing minor construction, sustainment, repair, replacement, or maintenance projects exceeding \$1 million for FY 2017.

Pursuant to congressional requirements, this report is being provided to the following Members of Congress:



The Honorable John R. Carter
Chairman, House Appropriations Subcommittee on Homeland Security

The Honorable Lucille Roybal-Allard
Ranking Member, House Appropriations Subcommittee on Homeland Security

The Honorable John Boozman
Chairman, Senate Appropriations Subcommittee on Homeland Security

The Honorable Jon Tester
Ranking Member, Senate Appropriations Subcommittee on Homeland Security.

I am happy to answer any further questions that you may have. Please do not hesitate to contact me at (202) 372-4411 or the Department’s Chief Financial Officer (Acting), Stacy Marcott, at (202) 447-5751.

Sincerely,

A handwritten signature in blue ink that reads "Paul F. Zukunft".

Paul F. Zukunft
Admiral, U.S. Coast Guard
Commandant



Minor Construction Projects (FY 2017)

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I. Legislative Language

This report responds to language in Senate Report 114-264 accompanying the Fiscal Year 2017 Department of Homeland Security Appropriations Act (P.L. 115-31).

Senate Report 114-264 states:

MINOR SHORE INFRASTRUCTURE

The bill includes long-standing language to allow funds from the Operating Expenses appropriation to be used for the sustainment, repair, replacement, and maintenance of shore infrastructure, including projects to correct deficiencies for code compliance or that threaten life, health, or safety to an amount not exceeding 50 percent of a building's or structure's replacement value. Additionally, Operating Expenses funds are allowed to be used for contingent, emergent, or other unspecified minor construction projects, which includes new construction, procurement, development, conversion, rebuilding, improvement, or an extension of any facility not exceeding \$1,000,000 in total costs at any location for planned or unplanned operational needs.

Minor construction projects funded from the Operating Expenses appropriation can be combined with depot level maintenance projects for the sake of administrative and economic efficiency. The Coast Guard is to provide a report to the Committee not later than 45 days after the date of enactment of this act detailing such projects and any sustainment, repair, replacement, or maintenance projects over \$1,000,000 for fiscal year 2017.

II. Minor Construction Projects: Projects Exceeding \$1 Million

Table 1 provides the Coast Guard’s planned shore infrastructure projects exceeding \$1 million for execution using operating expense funds in FY 2017. The list represents 39 projects estimated at an aggregate of more than \$90 million. The list may change for a variety of reasons, such as final design development, increases/decreases in estimates due to the bidding environment, planning issues, permits, environmental concerns, etc. Also, projects currently estimated at less than \$1 million may increase and be executed on the basis of program priorities.

Projects with an asterisk at the beginning of the project title indicate projects that were submitted on the FY 2016 report but shifted into FY 2017 for execution.

Unit Name	Location	Project Title	Estimate	Project Description
Base Kodiak	Kodiak AK	Water Main Maintenance & Repairs	\$5,187,000	Repair approximately 7,500 linear feet of failing valves and deteriorated water main serving the base.
Base Kodiak	Kodiak AK	*Hangar 1 Replace Fire Protection System	\$4,128,000	Replace obsolete 75-year-old deluge and fire protection system. The FY 2016 estimate was based on conceptual design and a rough estimate. The project cost increased because the design contractor discovered that the existing gravity water supply did not have sufficient pressure for the new deluge systems, requiring new pumps and piping.
Base Kodiak	Kodiak AK	*Buskin Waterline Bridge Replacement	\$3,373,508	Replace the truss structure supporting the waterline above the Buskin River and the waterline that it supports. The work will prevent future flooding and reduce seismic risks. The project is being completed as a military interdepartmental purchase request with the Army Corps of Engineers (ACOE). The ACOE provided the FY 2016 cost estimate and undervalued the price.
Base Kodiak	Kodiak AK	Hangar 1 & Hangar 3 Replace High Bay Lights	\$2,581,545	Replace high bay lights in Hangars 1 and 3 and the stratification fans in Hangar 3.

Unit Name	Location	Project Title	Estimate	Project Description
Base Kodiak	Kodiak AK	Fuel Farm Containment Maintenance and Repair	\$2,808,000	Repair secondary containment storage for aboveground storage tanks.
Air Station Sitka	Sitka AK	*Housing Asbestos Abatement	\$2,076,096	Remove deteriorating and exposed vinyl asbestos tile and mastic contained within 12 housing units; replace deteriorated subfloor and flooring with appropriate materials.
Air Station Sitka	Sitka AK	Galley Maintenance & Repairs	\$1,286,476	Repair to galley mess deck dining area, scullery, serving line, food prep areas, storage spaces, and office spaces.
Sector Field Office Valdez	Valdez AK	Heating, Ventilation, & Air Conditioning (HVAC) Systems Replacement	\$1,237,598	Replace the HVAC direct digital control systems in the Marine Safety Unit and the Electronic Support Detachment buildings.
Sector Field Office Valdez	Valdez AK	*Underground Storage Tanks (UST) Replacement with Aboveground Storage Tanks (AST)	\$1,482,795	Replace 12 USTs with ASTs.
Aviation Training Center Mobile	Mobile AL	Medical & Dental Clinic Major Maintenance & Repairs	\$1,455,068	Maintenance and repairs to exterior and interior components (mechanical, electric, roofing, windows, etc.).
Base Alameda	Alameda CA	*Maintenance Dredging	\$2,800,000	Dredge at Base Alameda National Security Cutter pier and Station Golden Gate to maintain operational capability. The ACOE provided the FY 2016 cost estimate. By nature, dredging project estimates vary significantly. This specific project received bids ranging from \$2.8 million to \$7.2 million.
Air Station Sacramento	Sacramento CA	Hangar Doors Repairs	\$1,321,203	Replace hangar door wheel bearings, wheel guide assemblies, and seals, and repair damaged concrete deck.
Sector San Francisco (SF)	Yerba Buena CA	Slope Stabilization & Rockfall Mitigation	\$1,269,406	Stabilize hillside adjacent to Sector SF. Replace existing draped mesh and fence to provide slope erosion and sediment control.

Unit Name	Location	Project Title	Estimate	Project Description
Coast Guard Academy	New London CT	Roland Hall Pool Replace HVAC Equipment	\$1,367,662	Remove and replace existing pool HVAC equipment in Roland Hall.
Air Station Clearwater	Clearwater FL	Taxiways & Aprons Repairs	\$1,987,231	Repair pavements to prevent service failures.
Base Miami	Miami FL	Richmond Heights Building Major Maintenance & Repairs	\$1,317,501	Maintenance and repairs to the HVAC system and reconfigure underutilized space to accommodate additional personnel.
Coast Guard Cutter WYANCONDA	Dubuque IA	Main Building/Unaccompanied Personnel Housing Major Maintenance & Repairs	\$1,024,000	Maintenance and repairs to building's interior spaces and exterior structure, including replacement of HVAC system. Includes the removal of asbestos and lead-based paint.
Station Grand Isle	Grand Isle LA	Electrical Utility Divestiture	\$1,548,000	Demolish Coast Guard-owned, medium voltage electrical system and connect to commercial electric service.
Base Cape Cod	Nantucket MA	Housing Facility Maintenance & Repairs	\$3,141,000	Replace existing asphalt shingle roofs and trim on 29 housing units (13 duplex buildings and 3 single family houses); repair the housing maintenance shop and garage.
Station Pt Allerton Station Castle Hill	Hull MA Newport RI	Fueling System Repair & Replace	\$1,037,000	Repair and replace marine fueling system components.
Aids to Navigation (ATON) Team Baltimore	Baltimore MD	Upper Chesapeake Bay ATON Repairs	\$1,405,495	Repair six major ATON structures in the upper Chesapeake Bay.
Coast Guard Yard	Baltimore MD	Unaccompanied Personnel Housing Maintenance & Alteration	\$1,985,685	Replace roof and reconfigure attic floor to correct ceiling and mold damage caused by roof leaks; replace HVAC equipment; upgrade fire protection; and expand existing berthing.

Unit Name	Location	Project Title	Estimate	Project Description
Station Rockland	Rockland ME	Waterfront Facilities Maintenance & Repairs	\$3,688,000	Repair 2,000 square yards of waterfront facilities including: dislodged granite stones, large voids/localized failures, sinkholes, bulging/bowing of the wall, and loss of fill material underneath the waterfront's concrete; repair floating docks.
Sector Northern New England	South Portland ME	Buildings 1 & 2 Maintenance & Repairs	\$2,639,000	Repair exterior masonry; replace roofs; repair HVAC system; perform electrical system maintenance; update buildings to maintain code compliance; perform water intrusion prevention work.
Sector Northern New England	South Portland ME	Waterfront Facilities Maintenance & Repairs	\$6,464,000	Relocate steel sheet pile bulkhead; install anodes; repair sheet pile holes; replace fill material; install steel coating system for sheet pile bulkheads; replace structural tie rods support sheet pile bulkheads; repair floating docks.
Air Station Detroit	Detroit MI	Hangar Maintenance & Repairs	\$3,025,879	Repaint hangar floor; replace radiant heating system (including piping, boilers, and circulation pump); replace HVAC equipment; update lighting to meet aviation standards.
Coast Guard Cutter KICKAPOO	Vicksburg MS	Main Building Major Maintenance & Repairs	\$1,143,516	Maintenance and repairs throughout the entire main building (interior, exterior, and structural repairs), including the removal of asbestos and lead-based paint.
Base Elizabeth City	Elizabeth City NC	Roads, Parking, and Hangar Apron Maintenance and Repairs	\$4,365,292	Maintenance and repair of roadways, parking, and hangar building apron areas to prevent service failures.
Training Center Cape May	Cape May NJ	James Hall Concrete Deck Repairs	\$3,388,178	Repair concrete floor to address section loss and exposed rebar.
Sector NY	Fort Wadsworth NY	Bldg 212/215 Repairs & Code Compliance	\$1,974,000	Repairs to the HVAC system and fire protection code repairs.

Unit Name	Location	Project Title	Estimate	Project Description
Station Eatons Neck Sector Field Office Moriches	New Port NY East NY Moriches	Fueling System Repair & Replace	\$1,233,000	Repairs and replacement of marine fueling system components.
Sector Columbia River	Astoria OR	Housing Maintenance & Repairs Grey Harbor Phase 2	\$1,313,792	Exterior repairs to 12 housing buildings (duplexes and triplexes) to replace roof, siding, and windows, and to repair exterior components.
Station South Padre Island	South TX Padre Island	All Purpose Building Major Maintenance & Repairs	\$1,911,080	Maintenance and repairs throughout the entire main building (interior, exterior, and structural repairs), including the construction of a new addition to support operational readiness.
Base Portsmouth	Portsmouth VA	*South & North Pier Repairs	\$2,471,705	Replace torn and missing pile jackets; clean or replace all corroded reinforcing steel; replace concrete to provide sufficient cover to the reinforced steel. The initial FY 2016 estimate was based on conceptual design and a rough estimate. The project cost increased because of a complete cost estimate based on a detailed project scope with specific quantities and current market prices.
Base Portsmouth	Portsmouth VA	Waterfront Structure Repairs	\$2,650,034	Repairs to existing bulkhead to include: replacement of fender system, repair of corrosion holes in steel sheet pile bulkhead, replacement of bulkhead concrete facing on outboard side and concrete caps, replacement of concrete and asphalt behind bulkhead, and installation of cathodic protection.
Training Center Yorktown	Yorktown VA	Building 209 Equipment Repairs	\$2,535,098	Replace galley hoods and fire protection system, including installation of supporting fire detection, HVAC, and electrical components necessary to operate replacement hoods.
Training Center Yorktown	Yorktown VA	Dredge Wormley Creek	\$3,321,100	Dredge to maintain operational capability.

Unit Name	Location	Project Title	Estimate	Project Description
Base Seattle	Seattle WA	Building 3 Roof Replacement	\$1,310,235	Replace deteriorated roof.
Base Seattle	Seattle WA	*Waterfront Major Maintenance & Repairs	\$1,585,376	Repairs to restore structural capacity to piers 37, 36A, and 26B to retain the design load and operational requirements.
TOTAL (39 Projects)			\$90,839,554	