

Project Name: Water Tank Improvements
Project Number: 210-850-7A34
Program Area: Utilities

Prior Appropriations: 740,888
 Add New Appropriations: 1,621,000
 Add Future Appropriations: 3,248,000
Current Project Total: 5,609,888
 Add Unfunded: -
Current Project Total with Unfunded: 5,609,888

Status of Prior Year Appropriations as of 05/01/12:
Prior Year Appropriations: 740,888
 Less Expended: 368,052
Prior Year Funds Carried Over: 372,836
 Add New Appropriations: 1,621,000
Total FY 2013 Appropriations: 1,993,836
Percent Expended: 7%



Project Snapshot
 Original Project Total w/Unfunded: 2,850,000
 Current Project Total w/Unfunded: 5,609,888
 Percent Change: 97%
 Percent Completed: 3%
 Est. Completion Year: FY 2016

Description: This project funds the design, inspection and rehabilitation of two water tanks, Hunting Hill and Carr Avenue, and decommissioning Talbott Tank. Associated water system improvements and taking Talbott Tank out of service are mission critical strategies created to ensure safe drinking water compliance with Federal and State regulations. Talbott Tank is contributing poor water quality in the distribution system due to hydraulic limitations. Rehabilitating the two tanks will consist of new coatings (inside and outside) as well as minor structural repairs. These two tanks are not recommended for replacement for two reasons: the inspections indicated they are structurally sound; and replacing the tanks would provide minimal water quality improvements. The water system improvements, which support taking Talbott Tank off-line, include the creation of a smaller new pressure zone, new pressure-reducing valves and miscellaneous water main upgrades. The improvements in this project are recommended in the 2011 Tank Inspection Report, the 2011 Water Quality Study and the 2012 Twinbrook Rezoning Report.

Appropriation Schedule	Prior Approps	New Approps	Future Appropriation Schedule					Current Total
			FY 2014	FY 2015	FY 2016	FY 2017	Future Yrs	
Plan/Design/Insp	81,000	148,000	148,000	149,000	-	-	-	526,000
Construction	659,888	1,473,000	-	2,951,000	-	-	-	5,083,888
Total	740,888	1,621,000	148,000	3,100,000	-	-	-	5,609,888

Funding Schedule	Prior Funding	New Funding	Future Funding Schedule					Current Total
			FY 2014	FY 2015	FY 2016	FY 2017	Future Yrs	
Water Fund	740,888	1,621,000	148,000	-	-	-	-	2,509,888
Bond Proceeds (Water)	-	-	-	3,100,000	-	-	-	3,100,000
Total	740,888	1,621,000	148,000	3,100,000	-	-	-	5,609,888

Unfunded Schedule	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Future Yrs	Total
Unfunded	-	-	-	-	-	-	-

Operating Cost Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Future Yrs
Water Fund	-	5,000	-	-	-	-

Explanation of impact: The completion of the aeration and mixing system at Hunting Hill Tank will add \$5,000 to the FY 2014 operating budget to fund pump maintenance.

Schedule: Prior years work to be completed — Hunting Hill aeration and mixing system. FY 2013 — Design and construct pressure-reducing valves and vaults and miscellaneous pipe upgrades to support Talbott Tank being taken out of service. FY 2014 — Design of Hunting Hill and Carr Avenue Tank rehabilitation. FY 2015 — Construct tank repairs.

Status: Construction. This project first appeared in the FY 2007 CIP. An aeration and mixing system is being installed at Hunting Hill. The tank inspections are complete and repairs are included in this CIP.

Coordination: Neighborhood Civic Associations and Adjacent Landowners; Maryland Department of the Environment; Water System Facility Improvements project (210-850-1C34); SCADA Improvements (210/220-850-9D34).

Staff contact: Department of Public Works. Ilene Lish, Civil Engineer II, 240-314-8516.