

White Oak Water Mains Augmentation

A. Identification and Coding Information			PDF Date	October 1, 2020	Pressure Zones	Montgomery Main 495A
Agency Number	Project Number	Update Code	Date Revised		Drainage Basins	
W - 000113.20	382001	Change			Planning Areas	Fairland-Beltsville (PG) PA 61; Langley Park & Vicinity PA 65

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'20	Estimate FY'21	Total 6 Years	Year 1 FY'22	Year 2 FY'23	Year 3 FY'24	Year 4 FY'25	Year 5 FY'26	Year 6 FY'27	Beyond 6 Years
Planning, Design & Supervision	891	44	318	529	318	106	105				
Land											
Construction	3,605			3,605		1,617	1,988				
Other	668		48	620	48	258	314				
Total	5,164	44	366	4,754	366	1,981	2,407				

C. Funding Schedule (000's)

SDC	5,164	44	366	4,754	366	1,981	2,407				
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D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction required for the replacement of 7,650 feet of 4-inch to 20-inch diameter water main along Cherry Hill Road, Gracefield Road, and Powder Mill Road/Perimeter Road to serve three planned projects in the White Oak area: Washington Adventist Hospital, VIVA Global LifeSci Village, and Food & Drug Administration White Oak Master Plan.

JUSTIFICATION

The existing mains in these areas will be upsized to provide adequate capacity to serve domestic and fire flow needs for the three new developments. The mains will also provide additional looping and redundancy to the 495A Pressure Zone. MWCOG Round 8.0 growth forecasts; WSSC Memorandum dated November 21, 2017; Capital Needs Process Validation #122 submitted December 4, 2017.

COST CHANGE

Not applicable.

OTHER

The schedule and expenditures shown in Block B above are planning level estimates and are expected to change once the project moves into design.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission; Montgomery County Government; Prince George's County Government
Coordinating Projects: W - 000113.21 - Viva White Oak Water Main

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	\$224	25
Debt Service		
Total Cost	\$224	25
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)	
Date First in Program	FY 20
Date First Approved	FY 20
Initial Cost Estimate	4,380
Cost Estimate Last FY	4,970
Present Cost Estimate	5,164
Approved Request Last FY	355
Total Expense & Encumbrances	44
Approval Request Year 1	366

G. Status Information	
Land Status	Not Applicable
Project Phase	Design
Percent Complete	0 %
Estimated Completion Date	April 2024
Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	

