

White Oak Water Mains Augmentation

A. Identification and Coding Information			PDF Date	October 1, 2022	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'22	Estimate FY'23	Total 6 Years	Year 1 FY'24	Year 2 FY'25	Year 3 FY'26	Year 4 FY'27	Year 5 FY'28	Year 6 FY'29	Beyond 6 Years
Planning, Design & Supervision	944	25	20	899	348	318	233				
Land											
Construction	3,900			3,900		1,800	2,100				
Other	723		3	720	52	318	350				
Total	5,567	25	23	5,519	400	2,436	2,683				

C. Funding Schedule (000's)

SDC	5,567	25	23	5,519	400	2,436	2,683				
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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.

BENEFIT

Economic Development: This growth project supports the economic development goals of the Counties; System Capacity: This project will enhance existing infrastructure by building additional capacity in order to meet existing and/or future demand; System Reliability: This project will improve service reliability through fewer and shorter service interruptions

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 project scope has remained the same. The schedule and expenditure projections shown in Block B above are planning level estimates and are expected to change based upon site conditions and design constraints. Due to a paving moratorium, design activities have been suspended until FY'24.

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		
Debt Service		
Total Cost		
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	4,830
Cost Estimate Last FY	5,306
Present Cost Estimate	5,567
Approved Request Last FY	23
Total Expense & Encumbrances	25
Approval Request Year 1	400

G. Status Information	
Land Status	Not Applicable
Project Phase	Design
Percent Complete	0 %
Estimated Completion Date	June 2026
Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	

