

Damascus Town Center WWPS Replacement

A. Identification and Coding Information			PDF Date	October 1, 2019	Pressure Zones	
Agency Number	Project Number	Update Code	Date Revised		Drainage Basins	Patuxent North 26; Seneca Creek 15
S - 000094.13	382002	Change			Planning Areas	Damascus & Vicinity PA 11

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'19	Estimate FY'20	Total 6 Years	Year 1 FY'21	Year 2 FY'22	Year 3 FY'23	Year 4 FY'24	Year 5 FY'25	Year 6 FY'26	Beyond 6 Years
Planning, Design & Supervision	1,658	215	464	979	567	180	180	52			
Land											
Construction	6,778			6,778		2,343	4,280	155			
Other	1,233		70	1,163	85	378	669	31			
Total	9,669	215	534	8,920	652	2,901	5,129	238			

C. Funding Schedule (000's)

WSSC Bonds	6,768	150	374	6,244	456	2,031	3,590	167			
SDC	2,901	65	160	2,676	196	870	1,539	71			

D. Description & Justification

DESCRIPTION <p>This project provides for the planning, design and construction of a 0.416 MGD wastewater pumping station (WWPS), approximately 2,100 LF of gravity sewer and 2,100 LF of force main (FM). The new WWPS and associated FM and gravity sewer will provide service to the existing and future Damascus Town Center service area.</p>
JUSTIFICATION <p>The existing pumping station, which is over thirty-five years old, was originally built as a privately owned facility and did not conform to WSSC standards. The pumping station was taken over by WSSC in the late 1970s. It has reached the end of its useful life and replacement parts are obsolete. Additionally, the capacity of the pumping station must be increased to accommodate the future service area in accordance with the Maryland National Capital Park and Planning Commission Damascus Master Plan. The Asset Management Office Business Case CNPV7 recommended the pumping station replacement.</p>
COST CHANGE <p>Not applicable.</p>
OTHER <p>The project scope remained the same. The schedule and expenditure projections shown in Block B above are preliminary planning level estimates and may change based upon site conditions and design constraints. Planning work began in FY'18 under ESP project S-602.01, Damascus Town Center WWPS Replacement. Land costs are included in WSSC project S-203.00.</p>
COORDINATION <p>Coordinating Agencies: Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Montgomery County Department of Environmental Protection; Montgomery County Department of Public Works and Transportation; Montgomery County Government Coordinating Projects: Not Applicable</p>

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	\$440	25
Total Cost	\$440	25
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

Date First in Program	FY20
Date First Approved	FY20
Initial Cost Estimate	9,460
Cost Estimate Last FY	9,460
Present Cost Estimate	9,669
Approved Request Last FY	520
Total Expense & Encumbrances	215
Approval Request Year 1	652

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	Planning
Percent Complete	5 %
Estimated Completion Date	June 2024

Growth	30%
System Improvement	70%
Environmental Regulation	
Population Served	854
Capacity	0.416 MGD

H. Map

MAP NOT APPLICABLE
