

# Damascus Town Center WWPS Replacement

A. Identification and Coding Information			PDF Date	October 1, 2020	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'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	1,798	312	478	1,008	584	185	185	54			
Land											
Construction	6,983			6,983		2,413	4,410	160			
Other	1,272		72	1,200	88	390	690	32			
Total	10,053	312	550	9,191	672	2,988	5,285	246			

## C. Funding Schedule (000's)

WSSC Bonds	7,036	218	385	6,433	470	2,092	3,699	172			
SDC	3,017	94	165	2,758	202	896	1,586	74			

## D. Description & Justification

### DESCRIPTION

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.

### JUSTIFICATION

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 Water standards. The pumping station was taken over by WSSC Water 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.

### COST CHANGE

Not applicable.

### OTHER

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 Water's project S-203.00.

### COORDINATION

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

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	\$458	25
Total Cost	\$458	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	9,669
Present Cost Estimate	10,053
Approved Request Last FY	652
Total Expense & Encumbrances	312
Approval Request Year 1	672

## G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	Planning
Percent Complete	80 %
Estimated Completion Date	June 2024

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

## H. Map

