

**PWCSA CAPITAL IMPROVEMENT PROJECT DATA SHEET**

**PROJECT INFORMATION**

**Project Name:** Manassas Southside Booster Pumping Station Modifications  
**CIP Number:** WSUP-112  
**JDE Number(s):** 22WMSF1851, 24SMWF1851  
**Location:** Blooms Quarry Ln., Manassas  
**Pressure Zone:** MS – Manassas Southside  
**Sewershed:** YS – Yorkshire  
**Magisterial District:** CO – Coles  
**Project Estimate:** PER  
**Estimate By:** Engineering and Planning Division

**PROJECT DESCRIPTION**

**Project Description:** Design and construction of modifications and upgrades including new larger impellers for the two existing pumps, a new 3rd pump in kind, VFD controllers and new pump control valves. A standby generator will be installed, the HVAC system will be modified for easier maintenance, and the SCADA and electrical systems will be updated to current standards. This project also includes a new offsite pressure reducing valve to improve hydraulic conditions upstream of the station.

**Project Benefit:** The increased pumping capacity at the booster pumping station will improve pumping efficiencies and provide better service and reliability to existing and future customers within the Manassas South Pressure Zone.

**Source Derivation:** Engineering and Planning Division, Operations and Maintenance Division, Manassas Southside Booster Pumping Station PER – Hazen and Sawyer (January 2018, Revision July 27, 2018); Managed By Engineering and Planning Division.

**PROJECT PICTURE**



**PROJECT FUNDING**

PRE-FY21	FY21	FY22	FY23	FY24	FY25	POST-FY25	TOTAL
525	1550	198	0	0	0	0	2273

Proposed Funding Sources	
Exp. Fund (02) – Availability Fees	50%
Commit. Fund (03) – Availability Fees	-
Repl. Fund (04) – User Rates	50%
Other Contrib. – Development Contributions	-
<b>PROJECT TOTAL</b>	<b>100%</b>