

**PWCSA CAPITAL IMPROVEMENT PROJECT DATA SHEET**

**PROJECT INFORMATION**

**Project Name:** Manassas Southside Booster Pumping Station, F18  
**CIP Number:** WSUP-112  
**JDE Number(s):** 22WMSF1851, 24WMSF1851  
**Location:** Blooms Quarry Ln., Manassas  
**Pressure Zone:** MS – Manassas Southside  
**Sewershed:** YS – Yorkshire  
**Magisterial District:** CO – Coles  
**Project Estimate:** Contract Award  
**Estimate By:** Engineering and Planning Division

**PROJECT DESCRIPTION**

**Project Description:** Design and construction of modifications to the Manassas Southside Booster Pumping Station. Modifications to include: a third pump and new impellers to increase pumping capacity from 2 MGD to 4 MGD, pump control valves, and variable frequency drives (VFDs). A standby generator shall be provided, the HVAC system shall be modified for easier maintenance, and the SCADA and electrical systems shall be updated to current standards.

**Project Benefit:** The increased pumping capacity at the booster pumping station shall improve pumping efficiencies, provide better service and reliability to existing and future customers, and meet growth demands within the Manassas Southside 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 the Project Management Office.

**PROJECT PICTURE**



**PROJECT FUNDING**

PRE-FY24	FY24	FY25	FY26	FY27	FY28	POST- FY28	TOTAL
1565	35	0	0	0	0	0	1600

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>