

PWCSA CAPITAL IMPROVEMENT PROJECT DATA SHEET

PROJECT INFORMATION

Project Name: Powell’s Creek Sewage Pumping Station, L08 and Force Main
CIP Number: SPS-138
JDE Number(s): 22SPCL0401 & 24SPCL0401
Location: 2750 Dettingen Place, Woodbridge
Pressure Zone: DT - Dumfries
Sewershed: PC – Powell’s Creek
Magisterial District: WB – Woodbridge
Project Estimate: Order of Magnitude
Estimate By: Engineering and Planning Division

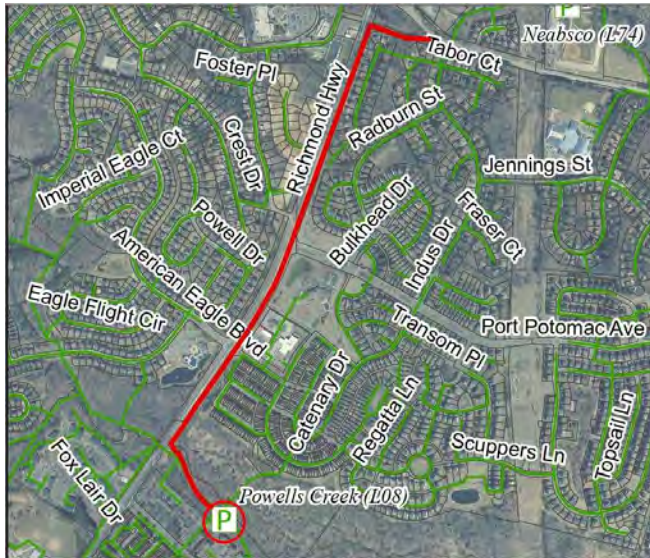
PROJECT DESCRIPTION

Project Description: Rehabilitation/replacement of the existing 25-year-old Powell’s Creek Sewage Pumping Station to upgrade structural, mechanical (piping and pumping capacity), electrical, SCADA, and HVAC systems as required, and include security measures and emergency storage considerations. Also included is the replacement of approximately 6,100 feet of existing 24-inch force main.

Project Benefit: The project shall improve pump station operation, reliability, security, reduce maintenance costs and ensure projected long-term wastewater flows are satisfied.

Source Derivation: Engineering and Planning Division; Managed by the Project Management Office.

PROJECT PICTURE



PROJECT FUNDING

| PRE-FY24 | FY24 | FY25 | FY26 | FY27 | FY28 | POST- FY28 | TOTAL |
|----------|------|------|------|------|------|------------|-------|
| 155 | 500 | 700 | 5000 | 8000 | 5645 | 0 | 20000 |

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