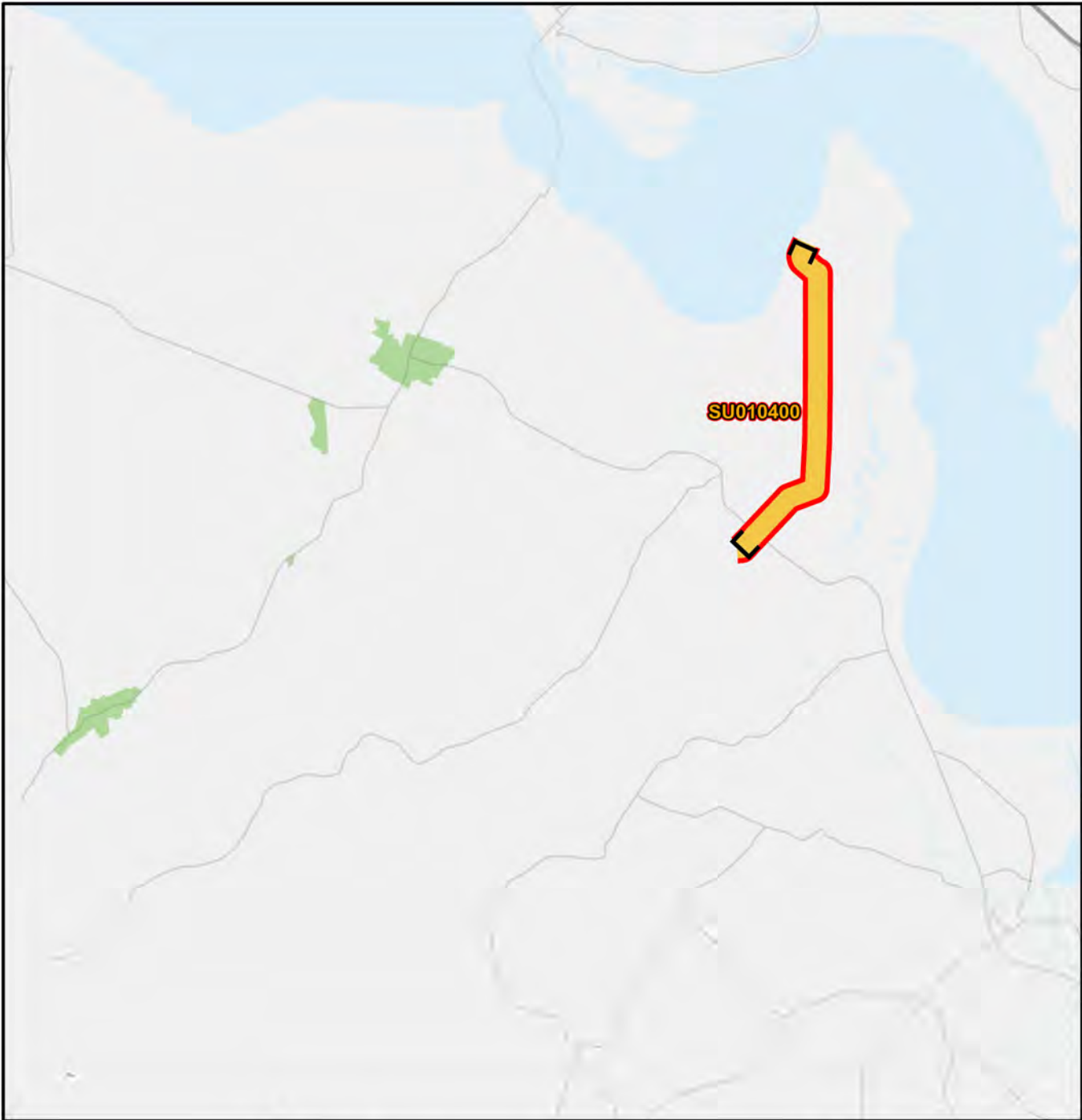




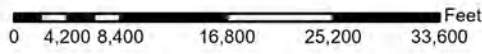
# Surry Treatment Plant



**Legend**

WTP Surry

- CIP Interceptor Point
- CIP Pump Station Point
- CIP Interceptor Line
- CIP Abandonment
- Treatment Plant Service Area
- HRSD Interceptor Force Main
- HRSD Interceptor Gravity Main
- HRSD Treatment Plant
- HRSD Pressure Reducing Station
- HRSD Pump Station



**Surry Service Area CIP Projects**

Treatment Plant Projects



**CIP Location**



Service Area

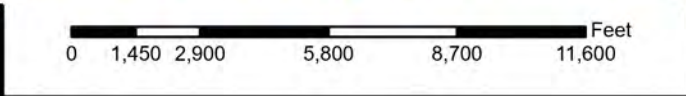


**SUO 10400**

- Project Interceptor Line
- Project Interceptor Point
- Project Location Point
- Project Area

**Legend**

- CIP Interceptor Point
- CIP Pump Station Point
- CIP Interceptor Line
- CIP Abandonment
- CIP Project Area
- HRSD Interceptor Force Main
- HRSD Interceptor Gravity Main
- HRSD Treatment Plant
- HRSD Pressure Reducing Station
- HRSD Pump Station



## SUO 10400

### Surry Force Main and Pump Station- Dominion Power Extension

**CIP Location**

System: Surry  
Type: Pipelines

Driver Category: Capacity Improvements  
Project Phase: Design  
Regulatory: None

**PROGRAM CASH FLOW PROJECTION (\$,000)**

Prog Cost	Exp to Previous Year	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36
\$16,726	\$16,676	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT DESCRIPTION**

This project will provide a new 6.7 mile force main and pump station extending from the Surry Nuclear Power Plant to HRSD's Mt. Ray Pump Station. The project will be fully reimbursed through a cost sharing agreement with Dominion Virginia Power.

**PROJECT JUSTIFICATION**

Dominion has contacted HRSD about the possibility of abandoning their existing wastewater treatment plant and connecting to HRSD's Surry Interceptor Force Main at the Mt. Ray Pump Station. This proposed 6-inch force main will be located along both public and private property along the suggested route. A pump station will be constructed at the Surry Nuclear Power Facility and will be ultimately owned and operated by HRSD. A multi-step cost sharing agreement process will be used to consider the feasibility of this project. Most of the project costs will be borne by Dominion.

**FUNDING TYPE**

Funding Type: Cash

**CONTACTS**

Contacts-Requesting Dept: Operations-Interceptors  
Contacts-Dept Contacts: Jeff Layne  
Contacts-Managing Dept: Engineering

**PROPOSED SCHEDULE START DATE**

PrePlanning	04/27/2021
PER	06/02/2021
Design Delay	02/22/2022
Design	02/01/2023
Bid Delay	02/01/2025
PreConstruction	02/01/2025
Construction	02/01/2025
Closeout	07/01/2026

**COST ESTIMATE**

<b>Cost Estimate Class:</b>	<b>Class 1 (-3% to +15%)</b>
PrePlanning	\$0
PER	\$0
Design	\$8,801,574
PreConstruction	\$0
Construction	\$50,000
Closeout	\$50,000
<b>Est. Program Cost</b>	<b>\$8,901,574</b>
Contingency Budget	\$1,901,703
<b>Est. Project Costs</b>	<b>\$10,803,277</b>