

PWCSA CAPITAL IMPROVEMENT PROJECT DATA SHEET

PROJECT INFORMATION

Project Name: Water and Sewer Master Plan Utility Adjustments (MPUA)
CIP Number: MISC-100
JDE Number(s): Multiple
Location: County Wide
Pressure Zone: Multiple
Sewershed: Multiple
Magisterial District: Multiple
Project Estimate: Order of Magnitude
Estimate By: Engineering and Planning Division

PROJECT DESCRIPTION

Project Description: This project provides the funding for the SA to participate in the construction of water and sewer mains in conjunction with new development and VDOT/County road projects. This project also covers the cost for the SA to increase pipe sizes in accordance with the Master Plan and other studies to provide additional capacity and improve system operations and efficiencies.

Project Benefit: This project provides for a more efficient and effective way for the timely extension of infrastructure and improvement of system operations.

Source Derivation: Engineering and Planning Division

PROJECT PICTURE

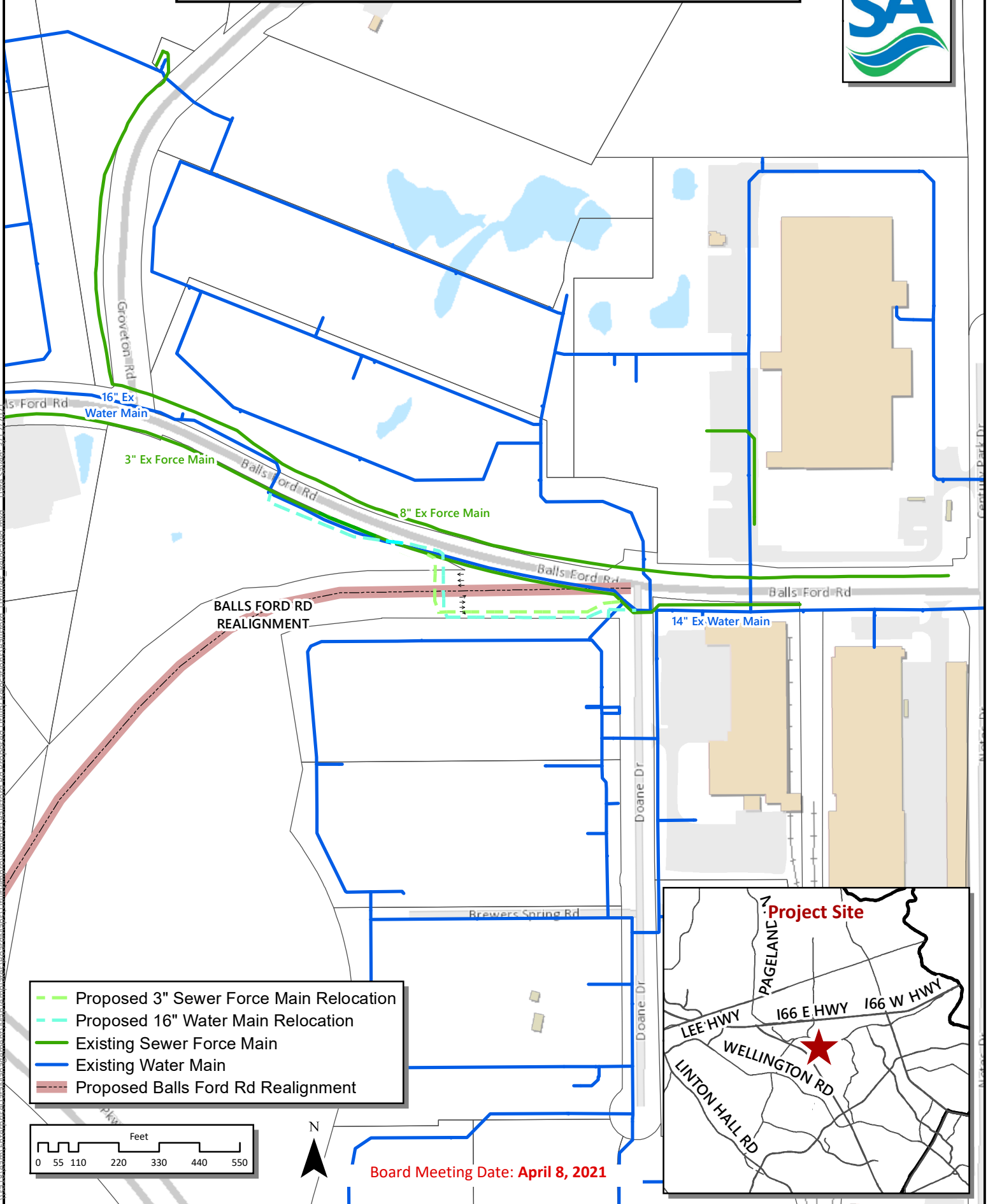


PROJECT FUNDING

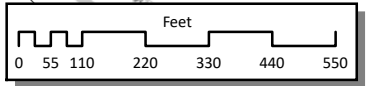
PRE-FY21	FY21	FY22	FY23	FY24	FY25	POST-FY25	TOTAL
0	2000	2000	2000	2000	2000	0	10000

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%

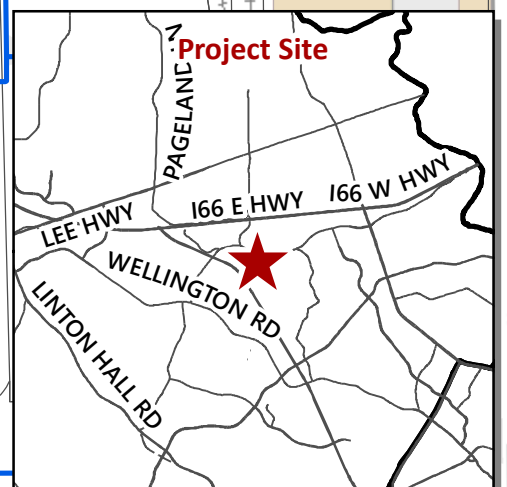
Board Exhibit 1 Balls Ford Road Proposed Utility Relocations



- Proposed 3" Sewer Force Main Relocation
- Proposed 16" Water Main Relocation
- Existing Sewer Force Main
- Existing Water Main
- Proposed Balls Ford Rd Realignment



Board Meeting Date: April 8, 2021



Resolution: 21-04-23
April 8, 2021

APPROVAL OF AN AGREEMENT BETWEEN THE PRINCE WILLIAM BOARD OF COUNTY SUPERVISORS AND THE PRINCE WILLIAM COUNTY SERVICE AUTHORITY FOR THE RELOCATION OF WATER AND SANITARY SEWER FACILITIES ON THE PRINCE WILLIAM PARKWAY INTERCHANGE AT REALIGNED BALLS FORD ROAD PROJECT

WHEREAS, the referenced Agreement is for the relocation of water and sanitary sewer facilities, including the design and construction of approximately 1,200 linear feet of 16-inch water main, 575 linear feet of 3-inch low pressure force main, and appurtenances as part of Prince William County's Prince William Parkway Interchange at Realigned Balls Ford Road project (project number 6234-076-266), as a Prince William County Service Authority (Service Authority) project associated with MISC-100 in the FY 2021-2025 Capital Improvements Program; and,

WHEREAS, the Service Authority operates and maintains an existing 14-inch water main and a 3-inch low pressure force main (utilities) along the edge of existing Balls Ford Road; and,

WHEREAS, Prince William County's road project proposes a significant realignment of Balls Ford Road, resulting in seven (7) lanes of traffic crossing the existing 14-inch water main and 3-inch low pressure force main utilities over a span of 450 feet near Doane Drive. The new road alignment complies with Virginia Department of Transportation's Road and Bridge Standards and poses no direct conflict with existing utilities; however, the resulting conditions would make access, operations, and maintenance of existing utilities extremely difficult and increase the risk and impact of line breaks; and,

WHEREAS, Prince William County's road project provides an opportunity for the Service Authority to coordinate the design and construction of utility relocations to enable better access for maintenance while reducing the risk and impact of line breaks. A 16-inch water main would replace the existing 14-inch water main within the limits of Prince William County's road project to comply with the Service Authority's current Utility Standards Manual pipe sizing requirements. A new 3-inch low pressure force main would replace the existing 3-inch low pressure force main in the same vicinity along Balls Ford Road; and,

WHEREAS, Prince William County Department of Transportation has coordinated with its design/build contractor and has submitted a Reimbursement Agreement of \$763,427 for design and construction, plus a seven percent (7%) fee to cover engineering, inspection and construction management services, for a total estimated cost of \$816,867 for the Service Authority's desired utility relocations;

NOW, THEREFORE, BE IT RESOLVED that the Prince William County Service Authority Board of Directors hereby authorizes the General Manager to execute an Agreement between the Prince William Board of County Supervisors and Prince William County Service Authority to design and construct approximately 1,200 linear feet of 16-inch water main, 575 feet of 3-inch low pressure force main, and appurtenances as part of Prince William County's Prince William Parkway Interchange at Realigned Balls Ford Road project in the amount of \$816,867, plus a thirty percent (30%) contingency in the amount of \$245,060, for a total authorization not to exceed \$1,061,927.

Motion : Mr. Wiggins

Second : Mr. O'Meara

Ayes : Wiggins, O'Meara, Almond (via telephone), Eagles, Kooyoomjian, Thomas
Watson

Absent : Allen