

PWCSA CAPITAL IMPROVEMENT PROJECT DATA SHEET

PROJECT INFORMATION

Project Name: Replacement of Old Carolina Road and Route 29 Crossing
CIP Number: SEW-156
JDE Number(s): Not Assigned
Location: East of the intersection of Lee Hwy. (Rt.29) and Old Carolina Rd.
Pressure Zone: HM – Haymarket
Sewershed: NB –North Branch
Magisterial District: BR – Brentsville
Criteria: 1, 2, 3, 5
Project Estimate: Order of Magnitude
Estimate By: Engineering and Planning Division, Baker

PROJECT DESCRIPTION

Project Description: Replacement and upgrade of approximately 550 feet of existing 8-inch sanitary sewer with 12-inch sanitary sewer in the vicinity of the Shops at Stonewall Shopping Center. This project will be constructed in conjunction with future development through the MPAU process.
Project Benefit: This project will increase capacity to accommodate future anticipated growth in the area.
Source Derivation: Engineering and Planning Division

PROJECT PICTURE



PROJECT FUNDING

PRE-FY20	FY20	FY21	FY22	FY23	FY24	POST-FY24	TOTAL
0	577	0	0	0	0	0	577

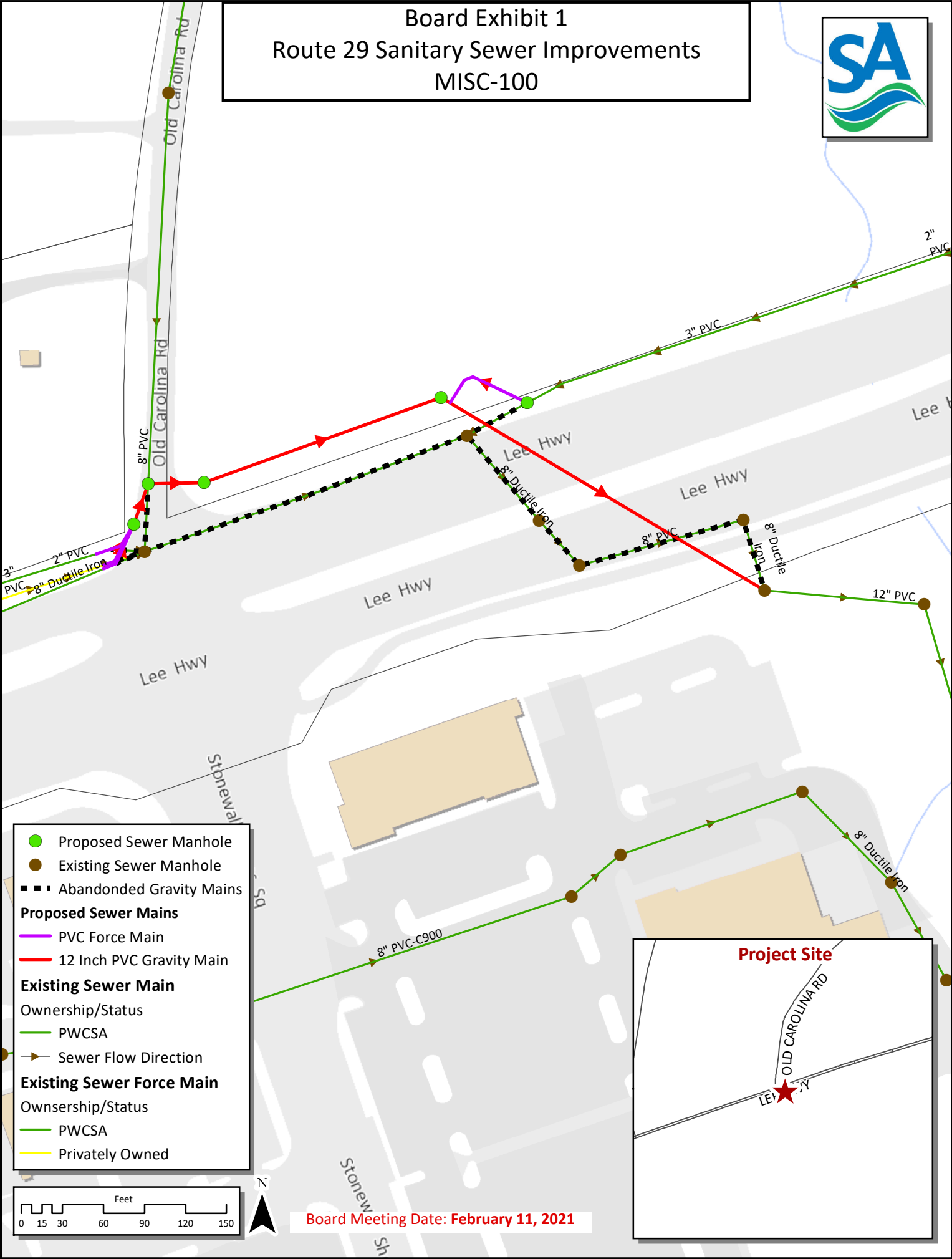
Proposed Funding Sources	
Exp. Fund (02) – Availability Fees	100%
Commit. Fund (03) – Availability Fees	-
Repl. Fund (04) – User Rates	-
Other Contrib. – Development Contribution	-
PROJECT TOTAL	100%

SEW-156

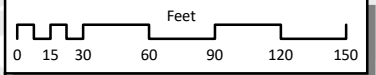
Board Exhibit 1

Route 29 Sanitary Sewer Improvements

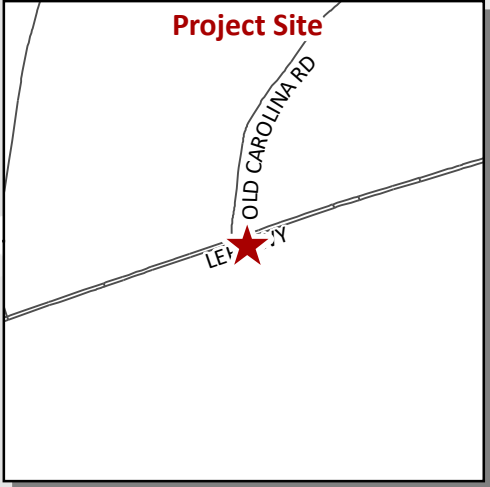
MISC-100



- Proposed Sewer Manhole
- Existing Sewer Manhole
- Abandoned Gravity Mains
- Proposed Sewer Mains**
- PVC Force Main
- 12 Inch PVC Gravity Main
- Existing Sewer Main**
- Ownership/Status
- PWCSA
- Sewer Flow Direction
- Existing Sewer Force Main**
- Ownership/Status
- PWCSA
- Privately Owned



Board Meeting Date: February 11, 2021



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**Resolution: 21-02-12
February 11, 2021**

**APPROVAL OF A MASTER PLAN UTILITY ADJUSTMENT AGREEMENT
BETWEEN PRINCE WILLIAM COUNTY SERVICE AUTHORITY AND
WOODBOURNE VENTURE, LLC FOR THE INSTALLATION OF A 12-INCH
SANITARY SEWER INTERCEPTOR WITH THE ROUTE 29 SANITARY SEWER
PUBLIC IMPROVEMENT PLAN**

WHEREAS, this Agreement is for the reimbursement to design, acquire easements, and construct a 12-inch sanitary sewer interceptor in the Route 29 Sanitary Sewer Public Improvement Plan (project No. SPR2021-00060) as a Master Plan Utility Adjustment identified as MISC-100 in the FY 2021-FY 2025 Capital Improvements Program (CIP); and,

WHEREAS, Woodbourne Venture, LLC is developing a 56 lot, single family dwelling subdivision off Thoroughfare Road with development plan Woodbourne Preserve (project No. SDR2020-00016), which is tributary to the existing 8-inch sanitary sewer main crossing Route 29. A sanitary sewer study was prepared by Woodbourne Venture, LLC which determined the sanitary sewer main crossing Route 29 needs to be replaced with a 12-inch interceptor to accommodate future flows from new development within the sewer shed; and,

WHEREAS, this 12-inch sewer interceptor is a required transmission facility and its construction is funded by the Prince William County Service Authority; and,

WHEREAS, the Woodbourne Venture, LLC will construct the Route 29 Sanitary Sewer Public Improvement Plan on behalf of the Prince William County Service Authority and has submitted a proposal for the design, easement acquisition, and construction to replace the existing 8-inch sanitary sewer main with 533 linear feet of 12-inch C-900 sanitary sewer interceptor, 42 feet of 8-inch ductile iron force main, 101 feet of 3-inch polyvinyl chloride low pressure force main, and 36 feet of 2-inch polyvinyl chloride low pressure force main at a cost of \$1,571,529;

NOW, THEREFORE, BE IT RESOLVED that the Prince William County Service Authority Board of Directors hereby authorizes the General Manager to execute a Master Plan Utility Adjustment Agreement with Woodbourne Venture, LLC for the design, easement acquisition, and construction of 533 linear feet of 12-inch C-900 sanitary sewer interceptor, 42 feet of 8-inch ductile iron force main, 101 feet of 3-inch polyvinyl chloride low pressure force main, and 36 feet of 2-inch polyvinyl chloride low pressure force main in the amount of \$1,571,529, plus a 10% contingency of \$157,153, for a total authorization not to exceed \$1,728,682.

Motion: Mrs. Eagles
Second: Mr. O'Meara
Ayes : Eagles, O'Meara, Kooyoomjian, Thomas Watson, Voggenreiter, Wiggins
Absent : Allen