

TITLE: Tuscarora Creek Restoration - TMDL Project (16301)

STATUS: Ongoing

PROGRAM DESCRIPTION: This project includes stream restoration, realignment of the channel to reduce and/or eliminate erosion and improve the overall stream health, and planting of a riparian buffer along portions of the stream. Preparation of a FEMA letter of map revision will be required after the work is complete.

The project will be constructed in phases, with the initial Phase I construction located upstream of Harrison Street behind the T.W. Perry and bowling alley properties. Phase II is located downstream of Harrison Street and behind the skate park and Loudoun County rescue squad properties.

This project will be constructed concurrently with a project to mitigate flooding of the townhomes adjacent to Tuscarora Creek (Project Number 06306 - Tuscarora Creek Flood Mitigation). The Town applied for and received approximately \$641,100 in Virginia Department of Environmental Quality grant funding for Fiscal Year 2015 from the Storm Water Local Assistance Fund Grant (SLAF).

OPERATING IMPACT: Mowing and landscape maintenance.

GOAL ADDRESSED: 2012 Town Plan

- Natural Resources Objective 2 calls for protection and restoration of the ecological integrity of streams by utilizing watershed management tools to offset the impacts of development.
- Natural Resources Objective 9 calls for protection of people and property from natural hazards such as flooding.

Significant Dates

UTILITY RELOCATION START	CONSTRUCTION START	ESTIMATED COMPLETION
Spring 2019	Spring 2019	Summer 2020



Storm Drainage

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/19	Year						Total for 6 Yr CIP	Future Funds Required
			2020	2021	2022	2023	2024	2025		
GO Bonds	\$ 3,131,900	\$ 3,131,900	—	—	—	—	—	—	—	—
PAY-GO	46,300	46,300	—	—	—	—	—	—	—	—
State - DEQSLAF	641,100	641,100	—	—	—	—	—	—	—	—
Total Sources	\$ 3,819,300	\$ 3,819,300	—	—	—	—	—	—	—	—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/19	Year						Total for 6 Yr CIP	Future Project Cost
			2020	2021	2022	2023	2024	2025		
Project Management	\$ 217,100	\$ 217,100	—	—	—	—	—	—	—	—
Land	40,000	40,000	—	—	—	—	—	—	—	—
Design/Engineering	265,200	265,200	—	—	—	—	—	—	—	—
Utility Relocation	20,000	20,000	—	—	—	—	—	—	—	—
Construction	3,277,000	3,277,000	—	—	—	—	—	—	—	—
Total Uses	\$ 3,819,300	\$ 3,819,300	—	—	—	—	—	—	—	—

Operating Impact

Operating/Maintenance	2020	2021	2022	2023	2024	2025	Total for 6 Yr CIP
General Maintenance	\$ 10,000	\$ 10,300	\$ 10,600	\$ 11,000	\$ 11,300	\$ 11,600	\$ 64,800
Total Impact	\$ 10,000	\$ 10,300	\$ 10,600	\$ 11,000	\$ 11,300	\$ 11,600	\$ 64,800