

**TITLE:** Water Supply Emergency II and III Interconnect (23NEW5)

**STATUS:** Future

**PROGRAM DESCRIPTION:** This project includes design and construction of a second finished water interconnect with Loudoun Water(LW) in the Sycolin Zone to enhance water security in the event of a water emergency. This project may also complete a third connection with Leesburg's Water Treatment Plant (WTP) and LW at Loudoun Water Raw Water Pumping Station.

**OPERATING IMPACT:** None

**GOAL ADDRESSED:** 2012 Town Plan

- Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply to meet state and federal criteria. This project protects the Town from interrupted water supply and fire fighting including during water emergencies and WTP maintenance activities.

**Significant Dates**

UTILITY RELOCATION START	CONSTRUCTION START	ESTIMATED COMPLETION
NA	Fall 2023	Spring 2025



Utilities

**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		
Utilities Bonds	\$ 1,754,000	—	—	—	—	\$ 876,000	\$ 878,000	—	\$ 1,754,000	—
PAY-GO Utilities	1,435,400	—	—	—	—	717,300	718,100	—	1,435,400	—
<b>Total Sources</b>	<b>\$ 3,189,400</b>	—	—	—	—	<b>\$ 1,593,300</b>	<b>\$ 1,596,100</b>	—	<b>\$ 3,189,400</b>	—

**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	\$ 189,400	—	—	—	—	\$ 93,300	\$ 96,100	—	\$ 189,400	—
Design/Engineering	400,000	—	—	—	—	400,000	—	—	400,000	—
Construction	2,600,000	—	—	—	—	1,100,000	1,500,000	—	2,600,000	—
<b>Total Uses</b>	<b>\$ 3,189,400</b>	—	—	—	—	<b>\$ 1,593,300</b>	<b>\$ 1,596,100</b>	—	<b>\$ 3,189,400</b>	—

**Operating Impact**

Operating/Maintenance	2020	2021	2022	2023	2024	2025	Total for 6 Yr CIP
N/A	—	—	—	—	—	—	—
<b>Total Impact</b>	—	—	—	—	—	—	—