

TITLE: Traffic Signal Fiber Connections (23303)

STATUS: Ongoing

LOCATION: Townwide

PROGRAM DESCRIPTION: This project will provide for the installation of fiber optic connections to Town traffic signals to ensure system connectivity. This project will ensure traffic signal system connectivity for monitoring signal operations and communications. The project will also connect the remaining unconnected signals to the Town's traffic system network. This includes signals at the following intersections: Dry Mill Road/Catoctin Circle, West Market Street/Catoctin Circle/Fairview Avenue, Battlefield Parkway/Shanks Evans Road, Battlefield Parkway/Tennessee Drive, North King Street/Battlefield Parkway, North King Street/Dry Hollow Road, and North King Street/Smarts Mill Lane.

OPERATING IMPACT: Minimal.

GOAL ADDRESSED: Legacy Leesburg Town Plan (2022): Strategy 4.3.2 - Manage Traffic and Congestion

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2026	Fall 2028



Funding Sources

Sources	Total Required Project Funding	Approp. Through 6/30/24							Total 6 Yr CIP	Future Funds Required
			2025	2026	2027	2028	2029	2030		
PAY-GO	845,000	545,000	—	—	55,000	235,000	10,000	—	300,000	—
Total Sources	\$845,000	\$545,000	\$—	\$—	\$55,000	\$235,000	\$10,000	\$—	\$300,000	\$—

Planned Uses

Uses	Total Project Cost	Approp. Through 6/30/24							Total 6 Yr CIP	Future Project Cost
			2025	2026	2027	2028	2029	2030		
Project Management	65,000	15,000	—	—	20,000	20,000	10,000	—	50,000	—
Design/Engineering	35,000	—	—	—	35,000	—	—	—	35,000	—
Facility Repair/Renovation	745,000	530,000	—	—	—	215,000	—	—	215,000	—
Total Uses	\$845,000	\$545,000	\$—	\$—	\$55,000	\$235,000	\$10,000	\$—	\$300,000	\$—

Operating Impact

Operating/Maintenance	2025	2026	2027	2028	2029	2030
N/A	—	—	—	—	—	—
Total Impact	\$—	\$—	\$—	\$—	\$—	\$—