

Capital Improvement Plan Projects
City of Olathe, Kansas

2024 thru 2028

Department Public Works
Contact Nate Baldwin
Type Improvement
Category Traffic

Project #3-TS-000-XX

Project NameTraffic Signals

Focus Area Infrastructure

Description

Total Project Cost: \$3,450,000

This annual project will include installation of new signals, signal modifications, and/or replacement of existing signals that are beyond their useful life. This project also includes replacement of traffic signal LED indicators.

Justification

Maintaining city traffic signals and associated equipment, and installing new traffic signals are necessary at locations throughout the City to provide more uniform traffic flow and to ease traffic congestion.

The LED indicators are present at 122 intersections and were originally installed in 2007. The indicators are already well past their 5-year warranty period and are past the end of their useful life of 8-10 years.

Expenditures	2024	2025	2026	2027	2028	Total
Construction	620,000	620,000	620,000	620,000	620,000	3,100,000
Design	70,000	70,000	70,000	70,000	70,000	350,000
Total	690,000	690,000	690,000	690,000	690,000	3,450,000

Funding Sources	2024	2025	2026	2027	2028	Total
CIP Fund	190,000					190,000
GO Bonds 10 yr	500,000	690,000	690,000	690,000	690,000	3,260,000
Total	690,000	690,000	690,000	690,000	690,000	3,450,000

Budget Impact/Other

For the installation of new signals, there will be operational and maintenance costs associated with the new infrastructure.