

REPORT TO THE BOARD OF MAYOR & ALDERMEN

DATE: July 27, 2026
FROM: Neetu Singh, Traffic Engineer
SUBJECT: Expenditures for the Traffic Operations Center Project

INTRODUCTION:

The purpose of this agenda item is to request approval for expenditures for Temple Inc. for the Traffic Operations Center.

BACKGROUND:

A Traffic Operations Center (TOC) serves as the centralized technological hub for managing our signal system network. By integrating intelligent transportation systems (ITS), fiber-optic communications, and real-time video and data feeds, the TOC enables engineering staff to monitor intersection performance, install/optimize signal timing, and respond to equipment failures.

The Town initiated a multi-phased project during Fiscal Year 2024–2025 to establish a Traffic Operations Center. The project is currently active and on track for completion in Fiscal Year 2026–2027. The total budget allocated and available for this project is \$270,000.

To launch the project efficiently, procurement was managed incrementally through separate standard Purchase Orders (POs) with two specialized vendors: Temple Inc. and Shelby Electric Inc. This approach allowed engineering staff to systematically investigate and fix field conditions such as fiber line investigations, break locations, and signal cabinet and hardware testing, as they were identified, while also establishing a functioning Traffic Operations Center within the Development Services Department.

As cumulative vendor expenditures progressed sequentially across these purchase orders, the project reached a level requiring Board authorization. Engineering staff is presenting this report to maintain full transparency and secure the necessary retroactive and forward-looking authorizations required to complete this infrastructure project.

This report addresses expenditures associated with Temple, Inc.; a related agenda item separately addresses those associated with Shelby Electric Inc.

DISCUSSION:

As part of the systematic diagnostic and repair phase, Temple Inc. performed critical work in identifying and resolving communication failures across the Town's signal infrastructure. This included OTDR (Optical Time Domain Reflectometer) testing to pinpoint fiber breaks and diagnostic work to determine why signal controllers and cabinet equipment were not communicating once fiber connections were restored.

Temple Inc. also worked closely with Shelby Electric Inc. throughout the diagnostic process, coordinating findings to determine necessary repairs and identifying the equipment required to bring the

system to full functionality. This included procurement of core TOC infrastructure, servers, computers, controllers, network switches, and video monitoring software, along with the equipment needed to integrate live video feeds into the system.

Temple Inc. was further instrumental in establishing the physical Traffic Operations Center, including setup of video monitoring capabilities and diagnostic tools, integrating live video feeds into the TOC to support real-time signal monitoring, and providing training to staff. Temple, Inc. is a sole source provider for Iteris products.

Since Fiscal Year 2023-2024, Purchase Orders totaling \$72,171.64 have been processed for this work, which exceeds the \$50,000 limit that can be administratively approved. No additional funds are being requested at this time.

**BUDGET IMPACT:
CIP**

Fund	Dept.	Obj. Code	Description	Approved Line Item Budget	Previous Expenses	Proposed Expense ⁽¹⁾	Balance	Budget Impact
321	43800	939-202401	Traffic Operations Center	\$270,000.00	\$65,134.56	\$72,171.64	\$132,693.80	N/A

(1) Five (5) purchase orders totaling \$72,171.64 have been processed and paid to date.

PROPOSED MOTION:

To approve expenditures in the amount of \$72,171.64 with Temple Inc. for the Traffic Operations Center.

Board Action: Motion By _____ Seconded By _____

Vote Total	Hall	Jordan	Robbins	Marshall	Stamps	Fraser
Yes						
No						
Abstain						