



PUBLIC WORKS FACT SHEET

Community begins here.

Traffic Signal System Analysis

Strategic Commitment:
*Providing a Vibrant
Infrastructure &
Sustainable
Environment*

City of Modesto Public Works

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Our Mission:
*“Our mission is to
construct and maintain
public infrastructure and
operate utility and
transportation systems to
the highest standard of
excellence and
accountability in order to
support a vibrant business
environment and to
enhance the quality of
community life.”*



Start Date: February 2019

**Anticipated
End Date: June 2019**

Project Summary:

Hire outside consultant to analyze the City of Modesto’s traffic signal operations and propose future modifications system wide.

Project Description:

Consultant shall perform and document a signal system analysis, culminating in the selection of recommended traffic signal equipment, ATMS equipment, communication equipment, traffic signal/ATMS maintenance protocols, traffic engineering practices, type of equipment for an adaptive traffic signal operation and equipment for autonomous vehicle operation, and how often corridors should be evaluated. The consultant shall provide recommendations and implementations over the next five years including the best phased approach for implementation of equipment. The analysis shall include a utility/cost analysis and shall reflect the procedures outlined in the Federal Highway Administration/ Institute of Traffic Engineers (FHWA/ITE) and be in compliance with all National Transportation Communications for ITS Protocol (NTCIP) requirements. The consultant shall also detail how these recommendations will affect existing staff, operations, and inventory.

Funding:

Measure L

