

STAFF REPORT
City of Lancaster

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12/08/15
MVB

Date: December 8, 2015

To: Mayor Parris and City Council Members

From: Carlyle S. Workman, Public Works Manager

Subject: **Funding Agreement with Los Angeles County Metropolitan Transportation Authority for Design, Project Development, Right-of-Way, and Construction of Traffic Signal System Modernization**

Recommendations:

- a. Approve the plan for use of Los Angeles County Metropolitan Transportation Authority – Call for Project Proposition C Funding, which includes:
 - 1. Increase estimated revenues in Account No. 321-3350-102 by \$675,600.00 for Fiscal Year 2015-2016.
 - 2. Appropriate \$675,600.00 in Proposition C funds to Capital Improvement Account No. 321-16TS028-924, Traffic Signal System Modernization.
 - 3. Appropriate \$675,600.00 in Signal Impact funds to Capital Improvement Account No. 217-16TS028-924, Traffic Signal System Modernization.
- b. Approve the Proposition C Funding Agreement with Los Angeles County Metropolitan Transportation Authority for Design, Project Development, Right-of-Way, and Construction of Traffic Signal System Modernization. Authorize the City Manager, or his designee, to sign all documents.

Fiscal Impact:

\$1,351,200.00; sufficient funds are available in the Signal Impact Fees fund balance to fund the match for this grant. With this action sufficient funds are available to complete this project.

Background:

At its September 22, 2011 meeting, the Los Angeles County Metropolitan Transportation Authority (LACMTA) approved the project list and funding allocation for Traffic Signal System Modernization. The proposed Proposition C Funding Agreement is for design, project development, right-of-way, and construction of traffic signal system modernization. The total funds designated for this project are \$2,018,784.00. Project Funds are programmed over Fiscal Year 2015-2016 and Fiscal Year 2016-2017. The matching fund requirement for the City is fifty percent (50%) of project expenditures.

The Traffic Signal System Modernization project will replace twenty-eight (28) miles of copper cable with fiber optic cable in the existing conduits, install new Ethernet switches in existing controller cabinets at one hundred forty-seven (147) signalized intersections, update existing fiber backbone equipment, install equipment to view images remotely through existing video detection at fifty-four (54) signalized intersections, and install wireless communication to eighteen (18) remote signalized intersections. The project boundaries are from Avenue H to Avenue N and 70th Street West to 30th Street East. The project will reduce travel times and increase level of service by providing real-time data allowing for reduced cycle lengths at signalized intersections.

SC:tl

Attachment:
Agreement