



# Administrative Report

---

H.8., File # 25-0769

Meeting Date: 6/17/2025

---

**To:** MAYOR AND CITY COUNCIL  
**From:** ANDREW WINJE, PUBLIC WORKS DIRECTOR

## **TITLE**

APPROVE FUNDING AGREEMENT #9200000000M550722 BETWEEN THE CITY AND THE LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY, FOR THE TRAFFIC SIGNAL COMMUNICATION AND NETWORK SYSTEM - PHASE 2 PROJECT

## **EXECUTIVE SUMMARY**

The Los Angeles County Metropolitan Transportation Authority (LACMTA) Board approved funding for the preparation of Plans, Specifications, and Estimates (PS&E) for the Traffic Signal Communication and Network System - Phase 2 Project and allocated \$2,630,000 of Regional Measure M Funds to the City of Redondo Beach. Approval of the Funding Agreement will ensure reimbursement of expenditures to design proposed improvements to traffic signal systems along key corridors in the City.

The purpose of the project is to upgrade the City's traffic signal system technology and Intelligent Transportation System (ITS) to enhance infrastructure for integration into an advanced traffic signal network/communications system. Systems of this type are integral to connecting to regional systems and controls to improve traffic operation and flow within the City and across multiple jurisdictions. Prospect Avenue, Catalina Avenue, and Artesia Blvd. are the corridors selected under this phase of traffic signal infrastructure upgrades and modifications. The funding agreement lists a project completion date of June 30, 2027.

## **BACKGROUND**

Measure M is a one-half cent sales tax approved by the Los Angeles County voters in November 2016 to meet the transportation, highway, and transit needs of Los Angeles County. On September 28, 2023, the LACMTA Board programmed \$2,130,000 in Measure M funds to the City for the PS&E phase of the Traffic Signal Communication and Network System - Phase 2 Project. On September 26, 2024, the LACMTA Board programmed an additional \$500,000 towards the Project.

The Traffic Signal Communication and Network System - Phase 2 Project is part of the South Bay Subregion Measure M Multi-Year Subregional Plan - Transportation System & Mobility Improvements Program. The lack of network/communications equipment and automated detection has made it difficult to utilize current technologies that would allow the City to continuously and efficiently monitor traffic conditions and to accommodate future technologies including autonomous vehicles, connected vehicles, and smart city capabilities. To address these issues, this Project aims to implement dynamic signal timing modifications, add monitoring capabilities for existing corridor and intersection

flow and operations, and accommodate future upgrades to traffic signal infrastructure. The corridors selected for improvements in this phase are Prospect Avenue, Catalina Avenue, and Artesia Blvd.

Approval of the Funding Agreement will enable design of the Project with the intent to upgrade traffic signal infrastructure and explore alternative solutions to manage traffic operations along these corridors.

### **COORDINATION**

The Funding Agreement has been approved as to form by the City Attorney's Office.

### **FISCAL IMPACT**

The total allocation of Regional Measure M Funds to the City of Redondo Beach for the PS&E phase of the Traffic Signal Communication and Network System - Phase 2 Project is \$2,630,000. The funding does not require a local match. Funds are paid to the City on a cost-reimbursement basis and are appropriated in Capital Project, Job. No. 41490.

### **APPROVED BY:**

*Mike Witzansky, City Manager*

### **ATTACHMENTS**

- Agmt - Measure M Funding Agreement #9200000000M550722