



## **CITY OF GLENDALE, CALIFORNIA REPORT TO THE CITY COUNCIL**

### **AGENDA ITEM**

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Report: Traffic Signal Installations and Modifications at Various Locations Phase 2 Project

1. Resolution adopting the Plans and Specifications for the Traffic Signal Installations and Modifications at Various Locations Phase 2 Project, Specifications No. 3843, Plan Nos. 1-3085, 49-250, 50-661R, 50-674, 50-677; and directing the City Clerk to Advertise for Bids.

### **COUNCIL ACTION**

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**Item Type:** Consent Calendar

**Approved for**      March 9, 2021      **calendar**

### **ADMINISTRATIVE ACTION**

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**Submitted by:**

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**Prepared by:**

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**Reviewed by:**

Edward G. Hitti, P.E., Assistant Director of Public Works/City Engineer

Michele Flynn, Director of Finance

Michael J. Garcia, City Attorney

**Approved by:**

Roubik R. Golanian, P.E., Interim City Manager

## **RECOMMENDATION**

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Staff respectfully recommends that the City Council approve the following:

1. Resolution adopting the Plans and Specifications for the Traffic Signal Installations and Modifications at Various Locations Phase 2 Project, Specifications No. 3843, Plan Nos. 1-3085, 49-250, 50-661R, 50-674, and 50-677; and directing the City Clerk to Advertise for Bids.

## **BACKGROUND/ANALYSIS**

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Street intersections are potential points of conflict in any roadway system. Motorized and non-motorized users are crossing paths as they travel through or turn from one route to another. Therefore, a major part of road safety challenges involve addressing intersections. Intersections can also become congested when traffic volumes are high, creating inefficiencies that result in user delay and frustration. The benefits of new and modified signalized intersections include:

- Enhanced traffic flow along surface streets in the vicinity of the subject intersections;
- Enhanced operational and pedestrian safety; and
- Reduced traffic delays, improved travel time, and consequently reduced fuel consumption and vehicle emissions.

The project locations are at the following intersections:

1. Chevy Chase Drive and Sinclair Avenue (New Signal Installation);
2. Pacific Avenue and Arden Avenue (New Signal Installation); and
3. San Fernando Road and Highland Avenue (Existing Signal Modification).

The scope of work generally includes the following:

- Installation of new traffic signals;
- Modification of existing traffic signal;
- Installation of new curb ramps to meet current Americans with Disabilities Act (ADA) requirements;
- Installation of new fiber optic infrastructure to link signalized intersections with each other and the Traffic Management Center; and
- Installation of new striping and pavement markings.

## **Measure R**

Measure R is a half-cent sales tax for Los Angeles County that finances new transportation projects and programs. In November 2008, Measure R was approved by two-thirds majority, committing a projected \$40 billion to traffic relief and transportation upgrades throughout the County over its 30 years life span. The City's share of Measure R funds for Highway Operational Improvements is approximately \$98.5 million.

The City is required to execute a Funding Agreement (FA) for each of our Measure R

funded projects. The FA must be executed in the first year that funds are available and prior to starting any work on the project. They include a general description of the project, the specific work elements to be completed, and the source of all funds.

The Traffic Signal Installations on Chevy Chase Drive, and Pacific Avenue Project are included in Los Angeles County Metro Board's approved project list in the amount of \$2,500,000. The Traffic Signal Modification on San Fernando Road Project is also included in Los Angeles County Metro Board's approved project list in the amount of \$1,650,000. Furthermore, the Glendale Regional Arterial Traffic Performance Measurement System Project that will fund the fiber optic improvements for this project is included in Los Angeles County Metro Board's approved project list in the amount of \$142,000. Staff has completed the design phase of the project, and construction is anticipated to begin four months after advertisement.

### **2013 Call for Projects Funds**

City staff was able to secure funds from the 2013 Call for Project funds to fund the fiber optic infrastructure improvements. Metro obligated funds for the design, construction, construction contingency and construction engineering in the amount of \$531,000. As part of this obligation, the City will need to utilize Measure R Regional Return funds for the required local matching component. The City will construct the project and then invoice Metro for reimbursement. Metro has issued a Funding Agreement authorizing the City to proceed with the design, construction, and construction management phase of the project.

### **Americans with Disabilities Act (ADA)**

The proposed project includes improvements that will comply with current Federal ADA guidelines.

### **Environmental Review**

This project is Categorically Exempt under the provisions of the California Environmental Quality Act as a Class 1 Exemption pursuant to the California Code of Regulations, Title 14, Section 15301.

### **Availability of Plans and Specifications**

A copy of the plans and specifications is available for review in the City Engineer's Office and the City website.

### **Anticipated Project Schedule**

The construction of this project is anticipated to begin in June 2021 and be completed by December 2021.

## **FISCAL IMPACT**

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The engineer's estimate for the construction of this project is between \$1,500,000 and \$1,800,000. Funding for this project has been budgeted from the Measure R Regional Return Fund (2550), State Gas Tax Fund (4020), and CIP Reimbursement Fund (4090).

## **ALTERNATIVES**

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The alternatives relating to the proposed resolution are as follows:

**Alternative 1: Approve the attached Resolution.** This project will significantly improve traffic congestion and traffic safety by signalizing and modifying the subject intersections.

**Alternative 2: Do not approve attached Resolution.** The subject intersections will not be signalized or modified.

**Alternative 3:** The City Council may consider any other alternative not proposed by staff.

## **EXHIBITS**

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Exhibit 1: Project Location Map