



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

### AGENDA ITEM

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Report: Authorize Cooperative Agreement for Foothill Boulevard Traffic Signal Synchronization Program (TSSP)

- 1) Motion authorizing the City Manager or his designee to execute a Cooperative Agreement between the City of Glendale and the County of Los Angeles for the Foothill Boulevard TSSP
- 2) Resolution of appropriation to appropriate \$499,800 in Measure R Local Return Funds for the Foothill Boulevard TSSP

### COUNCIL ACTION

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**Item Type:** Action Item

**Approved for** October 1, 2024 **calendar**

### EXECUTIVE SUMMARY

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The Foothill Boulevard TSSP will synchronize 26 traffic signals in the cities of Glendale, Los Angeles, La Cañada Flintridge, and the unincorporated community of La Crescenta-Montrose on Foothill Boulevard, between Lowell Avenue and Crown Avenue. Upon completion, the signalized intersections in this corridor will be fully actuated, feature components for time-based coordination, and will integrate the Los Angeles County Public Work's Kimley-Horn Integrated Transportation System (KITS) into the Countywide Information Exchange Network (IEN).

The intent of this item is for the City Council to authorize the execution of a cooperative agreement with the County of Los Angeles for this program.

Additionally, a resolution of appropriation is needed from the Measure R Local Return Fund to fully fund Glendale's portion of the project.

## **RECOMMENDATION**

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Pass the motion authorizing execution of a Cooperative Agreement between the City of Glendale and the County of Los Angeles for the Foothill Boulevard TSSP and adopt the resolution of appropriation in the amount of \$499,800 for the project.

## **ANALYSIS**

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To improve operational safety and reliability on local highways and streets, the Los Angeles County Board of Supervisors launched the Countywide TSSP. Since 1988, the County's Public Works Department, collaborating with numerous cities, the California Department of Transportation, and the Los Angeles County Metropolitan Transportation Authority (Metro), has been enhancing traffic signal synchronization on major roadways.

The Los Angeles County Foothill Boulevard TSSP will synchronize 26 traffic signals along the Foothill Boulevard corridor in the cities of Glendale, Los Angeles, La Cañada Flintridge, and the unincorporated community of La Crescenta-Montrose. The project aims to upgrade intersections along Foothill Boulevard, spanning from Lowell Avenue to Crown Avenue. This synchronization of traffic signals on Foothill Boulevard will reduce delays and cut vehicle emissions by decreasing idling times.

The project will also include mobility and safety improvements, such as upgrading the pedestrian signals with countdown signals, upgrading the pedestrian push buttons with touch-free Accessible Pedestrian Signals (APS), installing new LED internally illuminated street name signs, upgrading the traffic controllers and cabinets, upgrading the LED vehicle traffic signal heads from 8-inches to 12-inches, and installing new video detection cameras that can detect bicyclists and count pedestrians.

The estimated total project cost for all participating agencies is \$3,735,600. The City of Glendale's participating portion is \$313,200 as a local match plus \$186,600 for contingency, construction engineering and inspection. The project includes installation of new traffic signal equipment at existing signalized intersections in Glendale and proposes to use existing underground conduits for new cables. The contingency amount is requested to address the potential, unforeseen need for new underground conduits infrastructure that may be required.

The following six Glendale traffic signals are part of the Foothill TSSP and shown on Exhibit 1.

1. Foothill Blvd and Lowell Ave;
2. Foothill Blvd and Boston Ave;
3. Foothill Blvd and Lauderdale Ave;
4. Foothill Blvd and Dunsmore Ave;
5. Foothill Blvd and New York Ave; and
6. Foothill Blvd and Pennsylvania Ave.

### **Scope of Work**

- a) Upgrade pedestrian signals and install pedestrian countdown heads;
- b) Upgrade pedestrian push buttons with touch-free APS;

- c) Install LED internally illuminated street name sign;
- d) Install retroreflective street name sign;
- e) Upgrade controller cabinet;
- f) Upgrade 2070 traffic controller;
- g) Install video detection cameras that can detect cars and bicycles;
- h) Install CCTV traffic incident management camera;
- i) Upgrade LED vehicle traffic signal heads to 12-inches;
- j) Install inductive traffic loop detectors; and
- k) Rewire intersection.

Approval of the proposed motion and resolution will allow Public Works Engineering to proceed with the execution of a Cooperative Agreement (Exhibit 2) with the County of Los Angeles. The County of Los Angeles is the public entity that will be managing the construction contract.

## STAKEHOLDERS/OUTREACH

The Foothill Boulevard TSSP will benefit the community in the following ways: creating more livable communities, improving safety for all users, encouraging multi-modal transportation, reducing fuel consumption and vehicle emission, lowering greenhouse gas emissions, and enhancing air quality.

Project information can be found at the Los Angeles County Public Works website ([https://pw.lacounty.gov/GIS/ProjectsMap/Home/iKGoogleStreetView?project\\_ID=TSM0010319&printable=1](https://pw.lacounty.gov/GIS/ProjectsMap/Home/iKGoogleStreetView?project_ID=TSM0010319&printable=1)). The website introduces the public to the project and to the project team, explains the scope of work, and provides the public with staff contact information for questions, discussion, and/or input.

The Public Works Department will also include the Foothill Boulevard TSSP project information on the City's website to supplement the Los Angeles County Public Works project website.

## FISCAL IMPACT

The Foothill Boulevard TSSP will cost up to \$499,800, which was not included as a part of the FY 2024-25 budget. Therefore, staff is requesting an appropriation of \$499,800 from the Measure R Local Return Fund balance. The appropriation request is outlined below:

Requesting Appropriation			
Amount	From (Account String)	To (Account String)	Funding Source
\$499,800	GL: 24212-2540-PWD-0000	GL: 52100-2540-PWD-0020-P0000 PL: PWD01303AN	Measure R Local Return Fund

## **ENVIRONMENTAL REVIEW (CEQA/NEPA)**

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The action being considered is categorically exempt from CEQA pursuant to CEQA Guidelines section 15301(c) because it provides for the minor alteration of existing facilities involving negligible or no expansion of an existing or former use.

## **CAMPAIGN DISCLOSURE**

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This item is exempt from campaign disclosure requirements.

## **ALTERNATIVES TO STAFF RECOMMENDATION**

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Alternative 1: Do not approve the attached motion authorizing a cooperative agreement with Los Angeles County or the resolution of appropriation. This alternative will not allow the City of Glendale to be part of the County's TSSP. The traffic signals on Foothill Blvd between Lowell Ave and Pennsylvania will not be improved and will not benefit from the County's TSSP program.

Alternative 2: The City Council may consider any other alternative not proposed by staff.

## **ADMINISTRATIVE ACTION**

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### **Submitted by:**

Daniel Hernandez, Interim Director of Public Works

### **Prepared by:**

Pastor Casanova, T.E., Principal Traffic Engineer  
Arek Harmandayan, T.E., Senior Traffic Engineer  
Tommy Chow, T.E., Project Manager

### **Approved by:**

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

## **EXHIBITS/ATTACHMENTS**

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- Exhibit 1: Foothill Boulevard Traffic Signal Synchronization Program – Vicinity Map
- Exhibit 2: Cooperative Agreement