



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

### **AGENDA ITEM**

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Report: Colorado Street and Columbus Avenue Rehabilitation Project

1. Resolution adopting the Plans and Specifications for the Colorado Street and Columbus Avenue Rehabilitation Project, Specifications No. 3629, Federal Project No. STPL-5144(072), Plan Nos. 1-3038, 49-236, 50-651, 50-652; and directing the City Clerk to Advertise for Bids.

### **COUNCIL ACTION**

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**Item Type:** Consent Calendar

**Approved for** \_\_\_\_\_ **March 24, 2020** **calendar**

### **ADMINISTRATIVE ACTION**

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**Submitted by:**

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**Prepared by:**

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**Reviewed by:**

Michele Flynn, Director of Finance

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

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

Michael De Ghetto, Chief Assistant General Manager Glendale Water and Power

**Approved by:**

Yasmin K. Beers, 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 Colorado Street and Columbus Avenue Rehabilitation Project, Specifications No. 3629, Federal Project No. STPL-5144(072), and Plan Nos. 1-3038, 49-236, 50-651, 50-652; and directing the City Clerk to Advertise for Bids.

## **BACKGROUND/ANALYSIS**

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As part of Public Works Engineering's ongoing effort to improve the condition of the City's streets, the Plans and Specifications have been prepared for the Colorado Street and Columbus Avenue Rehabilitation Project. The project locations are as follows:

- Colorado Street from San Fernando Road to Central Avenue (3,280 LF centerline of street resurfacing); and
- Columbus Avenue from Colorado Street to Broadway (1,480 LF centerline of street resurfacing).

The scope of work generally includes the following:

- Selective removal/reconstruction/surface grinding of deteriorated pavement and placement of asphalt concrete pavement;
- Placement of asphalt rubber hot mix pavement (ARHM) over asphalt leveling course;
- Selective removal and repair of broken and damaged sidewalks (10,765 SF), curbs, curbs and gutters (2,300 LF), driveway approaches (26 Total), and alley aprons;
- Installation of new curb ramps (11 Total) meeting current Federal ADA requirements;
- Planting of new street trees (8 Total);
- Adjustment of existing manholes, water meters and utility boxes to finished grade;
- Relocation of street light and traffic signal pull boxes;
- Traffic signal modifications at Colorado Street and San Fernando Road and Colorado Street and Columbus Avenue intersections;
- Removal and replacement of existing traffic striping and installation of new striping and;
- Reconstruction of 121 linear feet of damaged sewer mains.

### **Pavement Rehabilitation**

Street resurfacing involved the rehabilitation of existing street pavement that has deteriorated beyond normal maintenance work. It consists of the removal of the top 2-

inches to variable thickness of existing asphalt concrete (AC) pavement, followed by the placement of a 0.5-inch to variable thickness AC leveling course. Then the street is paved by the placement of 1.5-inches of ARHM pavement wearing surface. This method of street resurfacing improves the ride of the roadway, the structural integrity of the pavement, as well as begins a new service life for the street.

ARHM is composed of conventional asphalt concrete mixed with recycled tire rubber material. ARHM provides a longer service life than conventional asphalt concrete. IT also provides a smoother and quieter ride while reducing the amount of scrap rubber tires buried in the landfill. As part of this project, approximately 5,350 recycled tires will be used in the ARHM.

Asphalt Concrete is composed of aggregate and emulsified liquid asphalt. The aggregate is allowed to contain up to 20 percent recycled asphalt concrete, which extends the life of both landfills and quarries. As part of this project, up to 450 tons of recycled asphalt concrete may be used in the Asphalt Concrete.

#### *Traffic Signal Improvements*

Two traffic signal systems at Colorado Street and San Fernando Road and Colorado Street and Columbus Avenue intersections will be modified to meet current Caltrans standards and improve motorist and pedestrian operations through the intersections and travel corridor.

#### *Tree Plantings*

As part of this project, eight new trees will be planted on Colorado Street.

#### *Federal Funds – Federal Project No. 5144(072)*

City staff was able to secure Federal Funds from the Surface Transportation Program – Local (STPL) funds to fund the majority of the City's portion of the construction and construction management of the Colorado Street and Columbus Avenue Rehabilitation Project. Caltrans obligated funds for the construction, construction contingency and construction engineering in the amount of \$1,975,973.50. Included in this obligation is the approval to use the Federal Toll Credit in lieu of the 11.47 percent local match. Furthermore, METRO has earmarked additional STPL Funds through Caltrans in the amount of \$498,000. The City will construct the project and then invoice Caltrans for reimbursement. Caltrans has issued a Finance Letter (E-76) authorizing the City to proceed with the construction phase of the project.

### Americans with Disabilities Act (ADA)

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

### Environmental Review

This project is Categorically Exempt under the provisions of the California Environmental Quality Act as a Class 1 Exemption pursuant of 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.

### Anticipated Project Schedule

The construction of this project is anticipated to begin in July 2020 and be completed by November 2020 barring any unforeseen conditions. Traffic signal material lead times will vary based on the manufacturer's demand at the time of procurement; therefore the schedule will be adjusted to account for any potential delays.

## **FISCAL IMPACT**

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The engineer's estimate for the construction of this project is between \$2,045,000 and \$2,250,000. Funding for this project has been budgeted from State Gas Tax Fund, CIP Reimbursement Fund, Electric Depreciation Fund, and Water Depreciation Fund.

## **ALTERNATIVES**

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The alternatives relating to the proposed resolution are as follows:

Alternative 1: Approve the attached Resolution. The pavement condition of Colorado Street and Columbus Avenue will be improved.

Alternative 2: Do not approve attached Resolution. The project will not be constructed and the condition of the city streets will not be improved.

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

## **EXHIBITS**

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Exhibit 1: Project Location Map