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**Title:** CONSIDER APPROVAL OF THE PLANS, SPECIFICATIONS, AND ESTIMATES FOR PROJECT NO. 1422: BROADWAY INTERSECTION IMPROVEMENTS - TRAFFIC SIGNAL MODIFICATIONS, AUTHORIZE STAFF TO ADVERTISE FOR CONSTRUCTION BIDS, AND APPROVE AMENDMENT TO THE FUNDING AGREEMENT WITH LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY (CITY COUNCIL)

**Sponsors:**

**Indexes:**

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**Attachments:** 1. Exhibit No. 1 - LocationMap.pdf, 2. Exhibit No. 2 - LACMTA Amendment No2.pdf

Date	Ver.	Action By	Action	Result
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**Report to Mayor and City Council**

Tuesday, February 04, 2020

Consent

**SUBJECT:**

**CONSIDER APPROVAL OF THE PLANS, SPECIFICATIONS, AND ESTIMATES FOR PROJECT NO. 1422: BROADWAY INTERSECTION IMPROVEMENTS - TRAFFIC SIGNAL MODIFICATIONS, AUTHORIZE STAFF TO ADVERTISE FOR CONSTRUCTION BIDS, AND APPROVE AMENDMENT TO THE FUNDING AGREEMENT WITH LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY (CITY COUNCIL)**

**I. SUMMARY**

Project No. 1422: Broadway Intersection Improvements - Traffic Signal Modifications is included in the City’s CIP list (Exhibit No. 1). The Los Angeles County Metropolitan Transportation Authority (LACMTA) is providing reimbursable grant funds in the amount of \$528,638 for this project. Progress has been made, and the project plans, specifications, and estimates (PS&E) that were prepared by CNC Engineering, Inc. (CNC) are available for review in the City Engineer’s Office.

Based on the estimated project timeline, the funding agreement with LACMTA needs to be amended to extend the lapsing date through February 28, 2021. (Exhibit No 2).

## **II. RECOMMENDATION**

TAKE the following actions:

1. APPROVE the Plans, Specification and Estimates for Project No. 1422: Broadway Intersection Improvements - Traffic Signal Modifications.
  
2. AUTHORIZE staff to advertise the work and call for construction bids
  
3. AUTHORIZE the City Manager to sign Amendment No. 2 - Funding Agreement CFP ID#F7322 - Broadway Intersection Improvements - Traffic Signal Modifications between the City of Carson and Los Angeles County Metropolitan Transportation Authority.

1.

## **III. ALTERNATIVES**

1. DO NOT APPROVE the above recommendations.
  
2. TAKE another action the City Council deems appropriate, consistent with the requirements of the law.

## **IV. BACKGROUND**

The City's Capital Improvement Program (CIP) calls for the construction of Project No. 1422: Broadway Intersection Improvements - Traffic Signal Modifications.

The project will improve the operation, efficiency, and visibility of five signalized intersections that are located on Broadway between Alondra Boulevard and Victoria Street. Broadway is a major north-south four lane arterial truck route that is adjacent to heavy and light industrial land uses with some commercial establishments. The length of the corridor is 1.5 miles and the signalized intersections include the following locations:

1. Alondra Boulevard at Broadway
2. Gardena Boulevard at Broadway
3. Albertoni Street at Broadway
4. Pedestrian Crossing (south of Albertoni Street) at Broadway
5. Victoria Street at Broadway

The City retained CNC to prepare the PS&E for this project, and this work has been completed and is consistent with staff's requirements.

The anticipated timeline for this project is as follows:

Preparation of Plans, Specifications, and Estimates	Completed
Advertise Notice Inviting Bids	March 2020
Award of Construction Contract	April/May 2020
Start of construction	June/July 2020
Completion of construction	December 2020
Project Close-Out	February 2021

**V. FISCAL IMPACT**

This project is partially funded by a reimbursable grant through LACMTA in the amount of \$528,638 and by Measure R local funds in the amount of \$284,651.

It is anticipated that additional funding in the amount of approximately \$408,000 will be needed to cover the total project cost. After construction bids are received, staff will return to City Council to amend the City's budget and to award a construction contract.

Anticipated project costs:

Description	Estimated Project Cost
Design (CNC Engineering)	\$50,320
Design Contingency (10%)	\$5,032
Construction (TBD)	\$1,000,000
Construction Contingency (15%)	\$150,000
SCE Fees	\$15,000
Publication / Printing	\$500
<b>Total</b>	<b>\$1,220,852</b>

**VI. EXHIBITS**

1. Location Map. (pg. 4)
2. Amendment No. 2 - Funding Agreement CFP ID#F7322 - Broadway

Intersection Improvements - Traffic Signal Modifications between the City of Carson and Los Angeles County Metropolitan Transportation Authority Agreement. (pgs. 5-8)

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