



# CITY OF CARSON

## Legislation Text

File #: 2019-413, Version: 1

### Report to Mayor and City Council

Tuesday, May 07, 2019

Consent

#### **SUBJECT:**

**CONSIDER APPROVAL OF PLANS, SPECIFICATIONS AND ESTIMATES, AND  
AUTHORIZATION TO ADVERTISE FOR CONSTRUCTION BIDS FOR PROJECT NO.  
1393-2: CITYWIDE ANNUAL OVERLAY PROGRAM AND PROJECT NO. 1411-2:  
CITYWIDE ANNUAL CONCRETE REPLACEMENT PROGRAM (CITY COUNCIL)**

#### **I. SUMMARY**

The plans, specifications and estimates (PS&E) for Project No. 1393-2: Citywide Annual Overlay Program, and Project No. 1411-2: Citywide Annual Concrete Replacement Program for FY 2018/19 have been completed and are ready for construction bids (Exhibit Nos. 1 and 2). To maximize economies of scale, the two projects have been combined, and the estimated construction cost totals \$1,112,000.00.

It is requested that the City Council approve the PS&E for the combined projects, and authorize staff to advertise for construction bids.

#### **II. RECOMMENDATION**

TAKE the following actions:

1. APPROVE the plans, specifications and estimates, and order the work for Project No. 1393-2: Citywide Annual Overlay Program and Project No. 1411-2: Citywide Annual Concrete Replacement Program for FY 2018/19.
2. AUTHORIZE staff to advertise the work and call for construction bids for Project No. 1393-2: Citywide Annual Overlay Program and Project No. 1411-2: Citywide Annual Concrete Replacement Program for FY 2018/19.

#### **III. ALTERNATIVES**

1. DO NOT APPROVE the PS&E and the call for bids.

2. TAKE another action the City Council deems appropriate, consistent with the requirements of the law.

#### **IV. BACKGROUND**

Each year the City performs pavement overlay and concrete replacement work, and makes its best effort to implement the street repair and rehabilitation needed in order to maintain the integrity of the City's infrastructure. Selection of street projects is based on the data contained in the City's Pavement Management Program (PMP). Each street segment in the PMP is assigned a corresponding Pavement Condition Index (PCI) which indicates the treatment needed to maintain structural integrity.

The City has an annual budget of approximately \$1.1M for pavement overlay and concrete reconstruction of City streets as listed in the City's Capital Improvement Program (CIP). Major streets in need of immediate attention based on the City's PMP are given a higher priority, and staff makes its best effort to implement the maximum street improvements within the allocated budget.

In prior years, the City has completed the following projects:

1. Project Nos 1393 & 1411: Del Amo Boulevard Rehabilitation from Avalon Boulevard to Central Avenue, which was accepted as complete on September 20, 2018, with a final construction cost of \$1,011,488.78 (Exhibit No. 3)
2. Project No. 1392: Citywide Annual Concrete Replacement program, which was accepted as complete on November 8, 2016, with a final construction cost of \$316,603.85 (Exhibit No. 4).
3. Project No. 1444: Avalon Boulevard Pavement Reconstruction from Dominguez Street to Victoria Street, which was accepted as complete on February 22, 2017, with a final construction cost of \$1,595,615.74 (Exhibit No. 5).
4. Project No. 1547: Turmont Street Rehabilitation, which was accepted as complete on September 18, 2018, with a final construction cost of \$581,321.00 (Exhibit No. 6).

For FY 2018/19, the following projects are listed in the City's Capital Improvement Program:

1. Project No. 1393-2: Citywide Annual Overlay Program. This project will improve Sepulveda Boulevard from Figueroa Street to Main Street. It consists of grinding four inches of existing asphalt pavement surface, removal and reconstruction of deteriorated

roadway section, laying-down of AC leveling course and asphalt rubberized hot mix (ARHM), installation of pavement markings, re-striping, and other related work.

2. Project No. 1411-2: Citywide Annual Concrete Replacement Program. This project will improve various locations within the area. It consists of repair of damaged concrete pavement, sidewalks, driveway approaches, cross gutters, curbs and gutters, access ramps, and tree removal, restoration of concrete improvements to City standard, and compliance with Americans with Disabilities Act (ADA) requirements.

The plans and specifications for these FY 2018/19 projects have been completed, and are now ready to be advertised for construction bids. These projects are combined to maximize economies of scale while addressing sub-standard elements, maintenance issues, and ADA compliance. These projects were selected based on the 2017 Pavement Management Program (PMP), the 2017 Sidewalk Assessment Report (SAR), and the allocated budget. The PS&E were prepared by the Engineering Services Division staff, and the approximate timeline for the combined projects is as follows:

Approval of PS&E	May 7, 2019
Advertise Notice Inviting for Bids	June 2019
Award of Construction Contract	July 2019
Start of construction	August 2019
Completion of construction	November 2019

In addition to the annual pavement overlay and concrete projects, the City's Public Works Maintenance crew performs pothole repairs on a regular basis at various locations citywide. These routine repairs are made in order to address major potholes that need immediate attention and lessen the risk of vehicle damage until permanent repairs can be made by way of a pavement overlay project. Staff also continuously seeks grant opportunities to fund additional improvement projects.

## **V. FISCAL IMPACT**

The estimated construction cost for the Citywide annual overlay program: Sepulveda Boulevard Pavement Rehabilitation from Figueroa Street to Main Street, Project No. 1393-2 is \$852,000.00. The estimated construction cost for the Citywide annual concrete replacement program Project No. 1411-2 is \$260,000.00. The combined estimated project construction cost is \$1,112,000.00. Funds in this amount were included in the FY 2018/19 general fund budget under the following account numbers:

<b>PW1393-2: Annual Pavement Overlay:</b>	
219-80-820-904-8009	\$200,000.00
254-80-820-904-8009	\$652,000.00
<b>Sub-Total</b>	<b>\$852,000.00</b>

<b>PW1411-2: Annual Concrete Replacement:</b>	
215-80-720-100-6004	\$200,000.00
217-80-820-904-8009	\$60,000.00
<b>Sub-Total</b>	<b>\$260,000.00</b>
<b>Total Available Funds</b>	<b>\$1,112,000.00</b>

**VI. EXHIBITS**

1. Location Map for Project No. 1393-2 and Project No. 1411-2 (pg. 5)
2. Location List for Project No. 1393-2 and Project No. 1411-2 (pgs. 6 & 7)
3. Location Map for Project No. 1393 & 1411- Del Amo Boulevard Rehabilitation (pg. 8).
4. Location Map for Project No. 1392: Citywide Annual Concrete Replacement Program (pg. 9).
5. Location Map for Project No. 1444: Avalon Boulevard Pavement Reconstruction from Dominguez Street to Victoria Street (pg. 10).
6. Location Map for Project No. 1547: Turmont Street Rehabilitation (pg. 11)

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