



*City of Arts & Innovation*

# City Council Memorandum

**TO: HONORABLE MAYOR AND CITY COUNCIL** **DATE: OCTOBER 4, 2016**

**FROM: PUBLIC WORKS DEPARTMENT** **WARDS: ALL**

**SUBJECT: AWARD BID NO. 7419 FOR GREEN BICYCLE CONFLICT ZONES TO CAL STRIPE INC., IN THE AMOUNT OF \$83,841.75 – SUPPLEMENTAL APPROPRIATION IN THE AMOUNT OF \$121,505**

## **ISSUES:**

Award Bid No. 7419 for the installation of green bicycle conflict zones at 36 intersections throughout the City to Cal Stripe, Inc. in the amount of \$83,841.75, and authorize a supplementation appropriation in the amount of \$121,505 from State SB 821 (Bicycle and Pedestrian Facilities) grant funds.

## **RECOMMENDATIONS:**

That the City Council:

1. Award Bid No. 7419 for the installation of green bicycle conflict zones at 36 intersections throughout the City to Cal Stripe, Inc. in the amount of \$83,841.75; and
2. Authorize a supplemental appropriation in the amount of \$121,505 in SB 821 (Bicycle and Pedestrian Facilities) grant funds to the Bike Conflict Zone Improvements – Article 3 Transp Dev Act account number 9891029-440221 and increase the estimated revenue by the same amount in Bike Conflict Zone Improvements – SB325 Article 3 account number 9891029-335911.

## **BACKGROUND:**

To improve safety for bicyclists traveling throughout the City, the Public Works Department applied for grant funding under the local SB 821 Program (Bicycle and Pedestrian Facilities) to install 46 green bicycle conflict zones at 36 intersections throughout the City (Attachment 1). The City was awarded a \$121,505 grant to fund the project, which requires a 15% City match.

Green bicycle conflict zones, also known as green mixing zones, are designed to raise motorist and bicyclist awareness of potential areas of conflict, increase motorist yielding behavior, and help reduce bicycle conflicts with turning motorists. Green conflict zones are typically installed in the zone where bicyclists and motorists cross paths as they approach a dedicated right turn lane (Attachment 2). With design guidance from the National Association of City Transportation

Officials (NACTO) *Urban Street Design Guide* and endorsement by the California Department of Transportation, green conflict zones have been incorporated into several recent projects throughout the City and have become the new City standard for bicycle conflict areas.

## **DISCUSSION:**

Bids were solicited for installation of the proposed green bicycle conflict zones and on August 25, 2016, five bids were received (Attachment 3). The lowest responsive bid was from Cal Stripe, Inc., in the amount of \$83,841.75. The low bid is significantly lower than the engineer's estimate and completion of the proposed project including construction, engineering and contingencies is estimated at \$96,600 of which 85% will be funded by the grant and 15% will be funded with local funds.

In order to fund this project, it is recommended that the City Council appropriate the full grant amount of \$121,505 in local SB 821 Program funds. Any unused grant funds of \$39,395 will be considered for additional bicycle or pedestrian projects, subject to the approval of the grant agency.

The Purchasing Services Manager concurs with the recommendation to award a construction contract as specified in this report.

## **FISCAL IMPACT:**

With the grant award and recommended appropriation, there will be sufficient funds to award the contract and construct the project. Grant funds will be available in Bike Conflict Zone Improvements – Article 3 Transp Dev Act project account number 9891029-440221. The estimated local match of \$14,500 is available in Public Works, Bike Conflict Zone Improvements – 2009 Measure A account number 9891033-440313.

Prepared by:	Kris Martinez, Public Works Director
Certified as to availability of funds:	Scott G. Miller, PhD, Chief Financial Officer/City Treasurer
Approved by:	Al Zelinka, FAICP, Assistant City Manager
Approved as to form:	Gary G. Geuss, City Attorney

## **Attachments:**

1. Project Location Map
2. Typical Green Conflict Zone
3. Bid Award Recommendation