



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: JANUARY 23, 2018

FROM: PUBLIC WORKS DEPARTMENT WARDS: 1, 2, 3, 5 AND 7

SUBJECT: ACCEPTANCE OF ACTIVE TRANSPORTATION PROGRAM (ATP) CYCLE 1 GRANT, AWARD BID NO. 7490 FOR THE CONSTRUCTION OF THE DOWNTOWN PEDESTRIAN AND BICYCLE IMPROVEMENTS TO HORIZONS CONSTRUCTION COMPANY IN THE AMOUNT OF \$1,233,881.62 – SUPPLEMENTAL APPROPRIATION IN THE AMOUNT OF \$877,000

ISSUES:

Accept the California Department of Transportation Active Transportation Program (ATP) Cycle 1 grant in the amount of \$877,000 awarded to the Public Works Department; award a construction contract for Bid No. 7490 for the construction of the Downtown Pedestrian and Bicycle Improvements at various locations to Horizons Construction Company, in the amount of \$1,233,881.62; and approve a supplemental appropriation of \$877,000 in ATP Cycle 1 grant funds.

RECOMMENDATIONS:

That the City Council:

1. Accept Public Works Department receipt of grant funds in the amount of \$877,000 from the California Department of Transportation Active Transportation Program Cycle 1 grant;
2. Award a construction contract for Bid No. 7490 for the Downtown Pedestrian and Bicycle Improvements to Horizons Construction Company, of Orange, California, in the amount of \$1,233,881.62;
3. Authorize the City Manager, or his designee, to execute the construction contract with Horizons Construction Company including making minor non-substantial changes; and
4. Authorize a supplemental appropriation in the amount of \$877,000 in California Department of Transportation Active Transportation Program Cycle I to Downtown Bike/Ped Improvements project account number 9889100-440236 and increase the estimated revenue by the same amount in Downtown Bike/Ped Improvements project account number 9889100-335450.

BACKGROUND:

The California Department of Transportation (Caltrans) manages the Active Transportation Program (ATP) to encourage increased biking and walking. The Public Works Department worked

with local neighborhoods, businesses, the Bicycle Advisory Committee, and the Riverside County Transportation Commission (RCTC) to identify biking and walking components near Downtown area to promote an active lifestyle. The ATP application focused on improving sidewalk and Class II bike lane connectivity and deploying select project components to promote increased walking and biking. The Public Works Department requested \$877,000 in ATP grant funds and committed a local match of at least \$120,000 to construct the project.

On March 15, 2017, the California Transportation Commission (CTC) allocated \$877,000 of State funds to complete the Downtown Pedestrian and Bicycle Improvement. After project award, the Public Works Department submitted the award information to Caltrans Local Assistance Engineer to immediately proceed to the construction phase.

DISCUSSION:

The Project for the Downtown Pedestrian and Bicycle Improvements (Project) will construct various improvements within close proximity to Downtown to include:

1. Installation of HAWK/Pedestrian Signal Systems at Market Street at Eleventh Street and Market Street at Sixth Street;
2. Installation of six kiosks providing biking and walking connectivity and education information;
3. Installation of a bike corral near Mission Inn Boulevard at the Main Street Pedestrian Mall and University Avenue at the Main Street Pedestrian Mall;
4. Installation of Class II bike lanes to improve connectivity;
5. Installation of Accessible Pedestrian Signals (audible pedestrian push buttons) at five signalized intersection to facilitate crossings for the visually impaired;
6. Installation of a bike staging area near Tequesquite Avenue at the Santa Ana River Trail;
7. Sidewalk installation on Palm Avenue between Bandini Avenue and Jurupa Avenue;
8. Pedestrian Path construction on Glenwood Drive near Mt Rubidoux Park;
9. Tequesquite Avenue at San Andreas Avenue pedestrian Improvements;
10. Construction of Bicycle Stations at the Downtown, La Sierra, and Hunter Park Metrolink Stations (RCTC supported project); and
11. \$60,000 funding contribution towards the City's Bicycle Share Program.

Public Works Department Staff met with the Neighborhoods of Mt. Rubidoux Alliance (NoMA) to discuss the project components. After careful consideration, NoMA requested that the Project not construct traffic circles on Redwood Drive in efforts to reduce the upper end speeding concerns. The traffic circles would have required elimination of several multi-way stops and residents felt the multi-way stops were a better means to reduce traffic volumes and speeding. Further, the Project also omitted the construction of the westerly crosswalk leg at Mission Inn Avenue at Redwood Drive as it would have extended the green light for southbound Redwood Drive introducing increased delay at the intersection. In order to mitigate the additional delay, Public

Works Department Staff met with residents to consider the installation of eastbound and westbound dedicated left-turn lanes on Mission Inn Avenue, the proposal required elimination of some on-street parking. Instead, residents preferred to keep the existing configuration to preserve on-street parking and provide wider outside lanes so bicyclists and motorists can travel more comfortably. Staff will reach out to Caltrans, managing agency for ATP, to request omission of these two project components.

On September 20, 2017, five (5) bids were received for the construction of the Project (see Attachment 2). The lowest responsive bid was from Horizons Construction Company in the amount of \$1,233,881.62, which is 33% over the Engineer's Estimate. The project includes the construction of two HAWK/Pedestrian Traffic Signals which are hybrid beacon systems to assist pedestrian crossing on Market Street. At the time of the grant application submittal, there was limited information on the costs of these systems and the City requested \$70,000 per each system. The low bidder submitted unit costs of \$210,000 per system and the other bids submitted similar costs which increased the overall project cost. Nonetheless, the Public Works Department supports the low bid as it is fair and reasonable and rebidding the project may not result in a lower bid and would delay the construction work.

The Purchasing Manager concurs that the recommended action to award complies with the City's current Purchasing Resolution.

FISCAL IMPACT:

The estimated total project costs including design, construction, construction engineering, and contingencies is \$1,418,381.62 (Table 1).

Table 1—Project Costs

Task	Amount
Construction Contract	\$1,233,881.62
Construction Contingencies (10%)	\$123,000.00
Construction Engineering (Inspection, Survey, Materials Testing) (5%)	\$61,500.00
Total	\$1,418,381.62

Table 2—Funding Source

Task	Amount
Downtown Bike/Ped Improvements (Acct. 9889127-440223) – Local Match	\$220,000
ATP Cycle I Supplemental Appropriation (Acct.9889100-440236) - Grant	\$887,000
New Traffic Signals (Acct. 9834130-440313)	\$250,000
Miscellaneous Street Construction (Acct. 9507027-440223)	\$63,000
Total	\$1,420,000

With the supplemental appropriation, sufficient funds are available in the above accounts to provide the funding necessary to award the contract and complete the project.

Prepared by: Kris Martinez, Public Works Director
 Certified as to
 availability of funds: Adam Raymond, 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. Bid Award Recommendation
3. Presentation