



*City of Arts & Innovation*

# City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: MARCH 5, 2019

FROM: PUBLIC WORKS DEPARTMENT WARDS: 2 AND 3

SUBJECT: BID NO. 7460 - TEQUESQUITE ARROYO TRUNK SEWER REPLACEMENT  
PHASE IIB – CONSTRUCTION UPDATE

## **ISSUES:**

Receive and file the construction update for Bid No. 7460 - Tequesquite Arroyo Trunk Sewer Replacement Phase IIB.

## **RECOMMENDATIONS:**

That the City Council receive and file an update on the construction of the Tequesquite Arroyo Trunk Sewer Replacement Phase IIB.

## **BACKGROUND:**

On April 10, 2018, the City Council awarded a construction contract for Bid No. 7460 to replace the Tequesquite Arroyo Trunk Sewer Phase IIB to Steve P. Rados, Inc., of Santa Ana, California, in the amount of \$12,080,359. This project replaces approximately two miles of 21 to 24 inch sewer mains with 36 inch sewer mains, from east of the 91 Freeway to Andulka Park via the Victoria Country Club golf course.

## **DISCUSSION:**

Construction for this project started on July 25, 2018 and to date, approximately 3,400 linear feet of pipe has been installed. As construction progressed towards the Victoria Country Club, the contractor, staff, and representatives from the Victoria Country Club reviewed the sewer alignment and respective construction impacts. Collectively, the group recommended re-aligning the segment of the sewer line through the golf course to reduce the construction time, construction cost, and minimize interruption to the golf course operations. The revisions to the project would impact a different and larger portion of the golf course property, while the construction staging area would remain relatively unchanged.

The new alignment of the proposed sewer main would eliminate the micro tunneling operation, which equates to \$3,035,700 of the total project budget. Instead, the pipe would be installed via normal open trench method at the reduced cost of \$1,969,832, for a savings of \$1,065,868. The

new sewer alignment traverses the golf course in a different area than the original alignment, thereby increasing the impacts to the Victoria Country Club golf course. Staff would secure a Right-of-Entry with the Victoria Country Club to allow for construction of the re-aligned sewer main.

The cost to remediate the increased construction impacts at the golf course is an additional \$790,287.50. Even with these increased costs, there is still a net benefit savings of approximately \$275,580.50. These changes will also accelerate construction time by approximately three months.

The Public Works Department supports re-aligning the sewer line through the Victoria Country Club as it would result in a net savings and accelerate construction of the project.

### **FISCAL IMPACT:**

The re-alignment of the Tequesquite Arroyo trunk sewer traversing through the Victoria Country Club would result in a net saving of approximately \$275,580.50 to the Project Account No. 9770923-440301 (Tequesquite/Arroyo Trunk Line).

Prepared by: Kris Martinez, Public Works Director  
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