



Agenda Item No: 1.f

PLACENTIA CITY COUNCIL AGENDA REPORT

Meeting Date: November 18, 2025

Submitted by: Gabriel Guerrero-Gabany

From: Public Works

Subject:

APPROVAL OF PLANS AND SPECIFICATIONS AND AWARD OF CONSTRUCTION CONTRACT TO CT&T CONCRETE PAVING FOR THE GOLDEN AVENUE BRIDGE REPLACEMENT PROJECT, CITY PROJECT NO. 1801

Financial Impact:

Fiscal Impact:

Expense:

<u>\$6,037,599.55</u>	Total Construction Cost
\$4,687,010.50	Construction Contract Amount
\$ 468,701.05	Construction Contingency Amount
\$ 713,091.00	Construction Management and Inspection
\$ 168,797.00	Construction Engineering

Available Budget:

<u>\$6,037,599.55</u>	Total Project Budget
\$2,200,000.00	Community Project Funding/Congressionally Directed Spending (CPFCDs)
\$2,647,046.00	Highway Bridge Program (HBP)
\$ 215,682.00	County of Orange OC Loop Segment D Contribution
\$ 974,871.55	Measure U (including required City Federal Match)

Summary:

The City of Placentia has budgeted in its Capital Improvement Program to replace the Golden Avenue Bridge and the related portion of the OC Bikeway Loop Segment D. The bridge is located along Golden Avenue west of Imperial Highway and East of Valencia Avenue. A total of \$2,647,046 of Federal Highway Bridge Program Funding and \$2,200,000 of Community Project Funding/Congressionally Directed Spending has been allocated for the construction phase. Included in the scope of work for this project is the completion of a portion of OC Bikeway Loop Segment D that's within the construction zone of the bridge. The City processed a cooperative agreement on October 2, 2019, which was amended on August 8, 2023, with the County of Orange for the contribution of funds towards the construction of their facility in the amount of \$215,682.

The City solicited competitive bids for the project. A total of four (4) bids were received on October 16, 2025. These bids consisted of two portions: Bid "A" + Additive Bid "B". Bid "A" is the base bid, which entails demolition and construction of the bridge. Bid "B" is for work

related to the OC Bikeway Loop Segment D. The grand total of all bids was used as the basis for determining the low bid for this project. The contract will be for the amount represented by the sum of Bid "A" and Additive Bid "B". The low bid received from CT&T Concrete Paving Inc., was found to be the lowest responsive and most responsible bid received. Staff recommends that City Council award a construction contract to CT&T Concrete paving in the amount of \$4,687,010.50.

In addition to the construction cost, a ten percent (10%) construction contingency amount of \$468,701.05 is provided to cover any unforeseen conditions found during construction.

The City also solicited a request for competitive proposals from qualified construction management and inspection firms to provide all required construction management and inspections services needed to deliver the project and ensure compliance with Caltrans funding requirements. After the proposal review process the committee found T.Y. Lin International submitted the most qualified proposal.

The City is also recommends amending the contract with Biggs Cardosa and Associates, the design engineering firm responsible for preparing the project plans and specifications, to include construction engineering support services.

The total construction contract cost, including contingency, construction engineering and construction management and inspection amounts to \$6,037,599.55.

Recommendation:

Recommended Action: It is recommended that the City Council:

1. Approve the Plans and Specifications prepared by Biggs Cardosa and Associates for the Golden Avenue Bridge Replacement Project, City Project No. 1801; and
2. Approve a Public Works Agreement with CT&T Concrete Paving for the Golden Avenue Bridge Replacement Project in the amount of \$4,687,010.50; and
3. Reject all other bids received and authorize return of the bid bonds; and
4. Authorize the City Administrator to approve contract change orders up to ten percent (10%) of the contract amount, or \$468,701.05, for a total construction contract not-to-exceed amount of \$5,155,711.55; and
5. Approve a Professional Services Agreement with T.Y. Lin to provide construction management and inspection services for a not to exceed amount of \$713,091.00; and
6. Approve Amendment No. 6 to the Professional Services Agreement with Biggs Cardosa and Associates for an additional \$168,797 to provide additional professional services for construction engineering support for a cumulative contract not-to-exceed amount of \$1,139,735 and extend the term of the contract by an additional 12 months; and
7. Authorize the City Administrator and/or her designee to execute all necessary documents, in a form approved by the City Attorney.

Strategic Plan Statement:

This item is not directly related to a specific strategic plan goal.

Discussion:

The City of Placentia has budgeted in its Capital Improvement Program to replace the Golden Avenue Bridge and the related portion of the OC Bikeway Loop Segment D. The bridge is located along Golden Avenue west of Imperial Highway and East of Valencia Avenue. Golden Avenue is a regionally significant collector roadway, providing east -west travel between the

cities of Placentia and Yorba Linda. The bridge was built in 1934 to span the Carbon Canyon Channel and was rated functionally obsolete in 2005 by Caltrans.

The existing bridge is an earth-filled reinforced concrete arch bridge supported on spread footings. The bridge is 34 feet long and 27 feet wide and carries two lanes of traffic over the channel. There are currently no sidewalks or bicycle lanes on the bridge resulting in potential conflicts between pedestrians, bicyclists and motorists.

The proposed bridge will be a 60 feet 4 inch wide structure designed to improve safety, mobility, and connectivity. The bridge will provide two 12 feet wide travel lanes and 6 feet wide sidewalks on both the south and north sides of the structure. The superstructure will consist of PC/PS CA I54 girders and will incorporate a Type 732SW(Modified) barrier to meet current safety standards. It is also designed to accommodate six telecommunications conduits, a 4 inch So Cal Gas line, six conduits for Southern California Edison (SCE), and a 16 inch casing for a future Yorba Lind Water District waterline. The substructure will be composed of abutments with a thickness of 3.5 feet, supported on 2.5 feet CIDH piles. In addition, the project will also complete 800 feet of Orange County Public Works' bike/pedestrian trail project, OC Loop Segment D, from Station 21+00 to 29+00, which runs directly under the bridge, providing a link for regional trail connectivity.

A total of \$2,647,046 of Federal Highway Bridge Program Funding and \$2,200,000 of Community Project Funding/Congressionally Directed Spending has been allocated for the construction phase. The City processed a cooperative agreement on October 2, 2019, which was amended on August 8, 2023, with the County of Orange for the contribution of funds towards the construction of their facility in the amount of \$215,682. To cover the required 11.47% Local Match and difference between available grant funds and total project cost, the City is allocating \$974,871.55 of local Measure U Funds.

On October 16, 2025 the City received four (4) bids from contractors. The following table provides the total bid amounts received from each contractor. These amounts reflect base bid "A" and additive bid "B", which form the basis of award:

Contractor	Bid Amount
CT&T Concrete Paving Inc.	\$4,687,010.50
Beador Construction Company Inc.	\$4,967,400.00
Los Angeles Engineering, Inc.	\$5,453,000.00
Toro Enterprises, Inc	\$6,001,127.00

After reviewing the bids, it was determined that CT&T Concrete Paving Inc. submitted the lowest responsible bid. Upon review and analysis, Staff determined the bid proposal to be responsive and valid. Based upon CT&T's reference check, and submitted bid, Staff recommends awarding a construction contract to CT&T Concrete Paving Inc., for the Golden Avenue Bridge Replacement Project.

A component of this project requires the allocation of funding for construction management and inspection services. Staff prepared a Request For Proposals (RFP) for Construction Management and Inspection Services. The City received seven proposals from qualified firms. Staff reviewed the submitted proposals and the cumulative composite score for the firm's proposal is noted below:

Consultant	Score
T.Y. Lin International	95.2
Berg & Associates, Inc.	93
SYRUSA Engineering	90.3
Southstar Engineering & Consulting, Inc.	87.3
Z&K Consultants	86
SPECS Engineering Group	82.7
Fountainhead Consulting Corporation	80.7

Staff recommends awarding the contract to T.Y. Lin International. T.Y. Lin has extensive experience and expertise in providing professional construction management and inspection services for bridge improvement projects. They have experience with Caltrans Local Assistance which will benefit the City in receiving reimbursements from Caltrans once the project enters the construction phase. The term of the proposed Professional Services Agreement will be for a total of 36 months from November 18, 2025, to November 18, 2028 in the amount of \$713,091.

Staff also recommends amending the contract with Biggs Cardosa and Associates, the design engineering firm responsible for preparing the project plans and specifications, to include construction engineering support services. Biggs Cardosa has proved essential in completing the construction documents in compliance with all Caltrans standards. Their technical assistance will be needed during the construction phase to respond to questions from the contractor as well reviewing material submittals to ensure compliance with contract documents.

Fiscal Impact Summary:

The total construction cost for the Golden Avenue Bridge Replacement Project amounts to \$6,037,599.55. This cost consists of the bid amount submitted by CT&T Concrete Paving Inc., Company in the amount of \$4,687,010.50, a construction contingency in the amount of \$468,701.05, construction management and inspection services with T.Y. Lin in the amount of \$713,091 and construction engineering support services in the amount of \$168,797.

Funding for this project is supported by numerous sources as outlined below:

Funding Source	Amount
FY 25/26 Misc. Grants	\$5,062,728.00
FY 25/26 Measure U Funds	\$974,871.55
Total	\$6,037,599.55

Attachments

[Attachment 1 - PWA Golden Ave Bridge_signed.pdf](#)

[Attachment 2 - CM_I_PSA.pdf](#)

[Attachment 3 - BCA PSA Amendment 6.pdf](#)