



Agenda Item No: 1.i

PLACENTIA CITY COUNCIL AGENDA REPORT

Meeting Date: July 21, 2026

Submitted by: Gabriel Guerrero-Gabany

From: Public Works

Subject:

AMENDMENT NO. 7 TO THE PROFESSIONAL SERVICES AGREEMENT WITH BIGGS CARDOSA AND ASSOCIATES INC., FOR CONSTRUCTION ENGINEERING SUPPORT SERVICES RELATED TO THE GOLDEN AVENUE BRIDGE PROJECT NO. 1801

Financial Impact:

Additional Expense:

\$ 35,426.00 Construction Engineering

Available Budget:

\$6,073,025.55 Total Project Budget

\$2,200,000.00 Community Project Funding/Congressionally Directed Spending (CPFCDs)
(505-90300-9600)

\$2,647,046.00 Highway Bridge Program (HBP) (224-90400-9600)

\$ 215,682.00 County of Orange OC Loop Segment D Contribution

\$1,010,297.55 Measure U (including required City Federal Match) (102-90300-9600)

Summary:

On November 18, 2025, City Council awarded a construction contract for the reconstruction of the Golden Avenue Bridge. The bridge is located along Golden Avenue, West of Imperial Highway and East of Valencia Avenue. The total project cost was \$6,037,599.55 which funds the construction, contingency, construction management and inspection, and construction engineering support from the design firm. The cost breakdown consists of \$2,647,046 of Federal Highway Bridge Program funds, \$2,200,000 of Community Project Funding/Congressionally Directed Spending, \$215,682 of County of Orange contribution for OC Loop D construction, and \$974,871.55 of Measure U funds. As a part of this action on November 18, 2025, Council also approved amending the contract with Biggs Cardosa and Associates (BCA), the design engineering firm responsible for preparing the project plans and specifications, a sixth time to include construction engineering support services. The approved amount was for \$168,797 which was included as part of the total project cost of \$6,037,599.55.

During construction, the team has encountered multiple situations which required the input and expertise of the design engineer. Their frequent involvement has helped ensure that questions asked in the field by the general contractor are answered quickly, which in turn has allowed the project to remain on schedule. BCA is also critical to the quality control process,

confirming as-built conditions and whether or not any discrepancies are within acceptable levels of tolerance according to Caltrans' requirements. Their hours of involvement exceeded their original proposal and staff is requesting the contract be amended to maintain the current level of effort on the project.

Staff requests City Council approve Amendment No.7 to the contract with BCA in the amount of \$35,426 to provide for additional construction engineering support for the remainder of the project. This would increase the construction engineering support from the originally approved amount of \$168,797 to \$204,223. This would also revise BCA's total contract not-to-exceed amount from \$1,139,735 to \$1,175,161 where a majority of this contract amount was due to the extensive effort to design and coordinate the bridge plans and specifications from January 2017 to November 2025.

Recommended Action:

It is recommended that the City Council:

1. Approve Amendment No. 7 to the Professional Services Agreement with Biggs Cardosa and Associates Inc., for an additional \$35,426, to provide additional professional services for the pavement management plan for a cumulative contract not-to-exceed amount of \$1,175,161; and
2. Authorize the Acting City Administrator and/or her designee to execute the 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 was a earth-filled reinforced concrete arch bridge supported on spread footings. The bridge was 34 feet long and 27 feet wide and carried two lanes of traffic over the channel. There were 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.

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The project is now approximately 70% complete.

During construction, the team has encountered multiple situations which required the input and expertise of the design engineer. These situations include:

- Review of the vibration and displacement monitoring plan, and research required to institute the design change to loosen vibration threshold values
- Check of new abutments for loading due to creep during girder placement
- Extended back-and-forth with SoCal Gas on hanger redesign
- Assessing channel damage & repair
- Temporary facilities review (girder bracing, overhang formwork, channel protection plan)
- Structure mounted utilities review
- Channel protection plan review
- Type A joint seal assessment

Their frequent involvement has helped ensure that questions asked in the field by the general contractor are answered quickly, which in turn has allowed the project to remain on schedule. BCA is also critical to the quality control process, confirming as-built conditions and whether or not any discrepancies are within acceptable levels of tolerance according to Caltrans' requirements. Their hours of involvement exceeded their original proposal, and staff is recommending the contract be amended to maintain their current level of effort on the project.

The revised total construction cost, including potential contingency, construction engineering and construction management and inspection amounts to \$6,073,025.55. Staff requests City Council approve Amendment No.7 to the contract with BCA in the amount of \$35,426 to provide for additional construction engineering support for the remainder of the project. This would increase the construction engineering support from the originally approved amount of \$168,797 to \$204,223. This would also revise BCA's total contract not-to-exceed amount from \$1,139,735 to \$1,175,161 where a majority of this contract amount was due to the extensive effort to design and coordinate the bridge plans and specifications from January 2017 to November 2025.

Financial Summary:

The revised total construction cost for the Golden Avenue Bridge Replacement Project would amount to \$6,073,025.55. 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 revised construction engineering support services with BCA increasing the amount from \$168,797 to \$204,223.

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

Funding Source	Amount	Account(s)
FY 25/26 Misc. Grants and Contribution	\$5,062,728.00	505-90300-9600, 224-90400-9600
FY 25/26 Measure U Funds	\$1,010,297.55	102-90300-9600
Total	\$6,073,025.55	

Attachments

[Attachment 1 - BCA PSA Amendment No. 7](#)