



Interoffice Memorandum

May 22, 2017

TO: Mayor Teresa Jacobs
and Board of County Commissioners

FROM: Mark V. Massaro, P. E., Director, Public Works Department

CONTACT PERSON: Raymond L.A. Williams, P. E., Manager
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SUBJ: Project Update regarding Amendment No. 6 to Contract Y2-827,
Design Services for Richard Crotty Parkway (formerly known as East-
West Road) – Discussion Item

Final engineering plans for the segment of the Richard Crotty Parkway from SR 436 to Harrell Road were submitted in May 2010. The project was delayed due to lack of funding for completion of right-of-way acquisition and construction. The INVEST program provided new funding, which together with CIP funding, will be sufficient to permit the construction of a portion of the abovementioned segment, from SR 436 to Goldenrod Road.

However, the original design contract was executed over 13 years ago. There have been many changes to the design standards and the project corridor since the final plans were submitted. Staff has therefore negotiated an amendment to the design contract to accommodate these changes and update the final engineering plans.

The following are the previous contract actions:

Original Contract: BCC Approval: 4/13/17 Executed: 4/13/04 Amount: \$1,596,643.84

Provided for engineering design, construction plan preparation and limited public involvement for the East-West Road Segment I project. Engineering design included roadway design, drainage design, permitting, signalization design, landscaping and maintenance of traffic. Public involvement included various small group meetings with the impacted citizens.

Amendment No. 1: BCC Approval: 4/12/05 Executed: 04/22/05 Amount: \$220,998.14

The original scope of work required a Bridge Concept Report (BCR). The purpose of the BCR was to determine the most economically feasible and structurally adequate structure for the crossing of the Crane Strand Creek. The determination of the report, which Orange County agreed upon, was to provide a two span – 150-foot long bridge over the creek. Additional design efforts were necessary to properly design the 150-foot long bridge structure. The scope of work also include the design of a drainage connection from the Hanging Moss Estates Subdivision (Wayland-Rose Moss Drainage Connection Project) to the proposed East West Road stormwater system and design services to incorporate stormwater runoff for a pedestrian trail that runs parallel to the proposed East West Road for a number of feet until the East West Road curves to the north.

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Project Update regarding Amendment No. 6 to Contract Y2-827, Design Services for Richard Crotty Parkway (formerly known as East-West Road) – Discussion Item

Amendment No. 2: BCC Approval: N/A Executed: 11/1/05 Amount: \$77,337.80

This amendment included field and laboratory services necessary to better delineate the horizontal and vertical extent of unsuitable material. Also, included engineering time to analyze the data, and conduct preliminary geotechnical analysis to provide various design alternatives to remedy the muck deposits between Station 1074 to Station 1085.

Amendment No. 3: BCC Approval: 9/23/08 Executed: 1/24/07 Amount: \$196,362.68

This amendment provided additional design work based on a Geotechnical Engineering Evaluation of a Deep Muck Pocket Investigation and Geotechnical Design Alternatives Report. The recommended alternative for the roadway construction through the muck area includes the application of surcharge along 550 feet of the roadway alignment west of Goldenrod Road and upgrading the proposed screen wall with a pile supported screen wall.

Amendment No. 4: BCC Approval: N/A Executed: 9/12/08 Amount: \$0.00

This amendment reallocated post design services to a subconsultant as required by the project tasks. These tasks represent coordination with SJRWMD to obtain modification to the previously issued permit due to the decrease of mitigation credits needed for the project.

Amendment No. 5: BCC Approval: N/A Executed: 01/19/17 Amount: \$0.00

This amendment to the original scope of service incorporates new contract rates due to the extended performance time of the contract. The CPI Index supports the increase and the rates are comparable to other existing contracts similar in nature.

Staff will provide a brief presentation covering project background and updates in detail.

Action Requested: Approval of Amendment No. 6, Contract Y2-827, Design Services for Richard Crotty Parkway (formerly known as East-West Road) from S.R. 436 to West of Harrell Road with Inwood Consulting Engineers, Inc. in the amount of \$647,288.77 for a revised contract amount of \$2,738,631.23. Districts 3 and 5.

MVM/RLAW/wsv