



## AGENDA MEMORANDUM

Future Item for the City Council Meeting of December 15, 2015  
Action Item for the City Council Meeting of January 12, 2016

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**DATE:** November 30, 2015

**TO:** Ronald L. Olson, City Manager

**THRU:** Gustavo Gonzalez, P. E., Assistant City Manager of Public Works and Utilities  
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**FROM:** J. H. Edmonds, P. E., Director of Engineering Services  
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<p style="text-align: center;"><b><u>Engineering Design Amendment No. 1</u></b> <b>Rodd Field Road Expansion BOND 2014 Proposition 2</b></p>
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**CAPTION:**

Motion authorizing the City Manager, or designee, to proceed with design phase work by executing Amendment No. 1 to a contract for professional services with LJA Engineering, Inc. of Corpus Christi, Texas in the amount of \$1,128,307.78 for a restated fee of \$1,178,207.78 for the Rodd Field Road Expansion from Saratoga Boulevard to Yorktown Boulevard. (Bond 2014, Proposition 2)

**PURPOSE:**

The purpose of this Agenda Item is to obtain authority to execute Amendment No. 1 for the Rodd Field Road Expansion project to begin design on a four lane roadway with improved intersection at Yorktown Boulevard.

**BACKGROUND AND FINDINGS:**

This project was approved through Bond 2014, Proposition No. 2 Street Issue by the community in the general election held on November 4, 2014.

**Brochure description:** "Rodd Field Road Expansion (Saratoga to Yorktown) \$9,600,000.00 – This project includes full-depth repair and capacity expansion of the existing two lane roadway (C-1 minor collector). This road is designated as an A-3 Arterial on the Urban Transportation Plan. Consideration will be given to increase the capacity of the current roadway and will assess the need to either a five lane roadway (four travel lanes and continuous center left turn lane) to conform to the A-1 Arterial designation of the current Urban Transportation Master Plan or a C-3 Collector (undivided four lane road with two

travel lanes in each direction). Improvements will include curb and gutter, sidewalks, ADA curb ramps, and pavement markings. Future bikeway requirements will require evaluation at the time of roadway design and shall conform to the adopted Mobility CC Plan.”

**Project Description:** This project provides for the engineering & design for the full depth reconstruction and widening of the existing 2-lane roadway to 4-lanes with access controlled median from Saratoga Boulevard to Yorktown Boulevard. The work includes new curb and gutter, sidewalks, ADA curb ramps, pavement markings, traffic control plans and improved traffic signal at Airline Road. The project also provides new 10-foot multi-use sidewalks for pedestrian and bicycles as proposed by the new Metropolitan Planning Organization Bicycle Master Plan. Utility improvements include storm water system, water, wastewater, and coordination for private utility adjustments, as required.

In addition, staff recommends reconfiguration and full reconstruction of the existing triangular intersection at Rodd Field and Yorktown. This includes the reconstruction of approximately 1,600 LF of Yorktown Boulevard and a new signalized intersection. The construction of this intersection and Yorktown Blvd reconstruction with new traffic signal is not included in the cost of this project and will require additional funding if approved. Remaining funds from previous bond elections have been prioritized to Park Road 22 Bridge and are not available for this improvement. If directed to continue this work, future Certificates of Obligation will need to be issued. It is estimated that an additional \$3.56 million will be required for this element of work.

**Design Contact:** LJA Engineering, Inc. was selected for this project under RFQ 2014-08. An initial small A/E contract in the amount of \$49,900 was previously authorized to complete conceptual design better defining the scope, cost and schedule for the project and preparation of a preliminary Engineering Letter Report (ELR). Tasks included Identifying Right Of Way (ROW), existing utility locations for upgrades, utility coordination, initial drainage areas served, and permitting. The preliminary ELR provided for a concise presentation of pertinent factors, such as, sketches, limits, concepts, cross section, preliminary layout, alignment, ROW requirements, and identification of utilities.

**Work authorized under Amendment No. 1 will include:**

- Initial tasks such as project kick-off meeting, geotechnical investigation, prepare conceptual life-cycle cost estimate with recommended pavement sections, hydraulic analysis for storm water design, public outreach, traffic impacts, stakeholder coordination, and refined ELR.
- Design tasks will provide completed ELR, project plans, specifications, and cost estimate (within prescribed budget). Additional work will include acquisition of four rights of way parcels.
- The Bid phase follows and provides Authorization to Advertise (ATA), pre-bid conference, bid opening, and a recommendation letter for award.
- Construction administration provides for pre-construction meeting, review contractor submittals, materials testing results analysis, as-builts, and any requests for clarification with design plans and specifications.

**ALTERNATIVES:**

1. Authorize execution of Amendment No. 1 as presented.
2. Authorize execution of Amendment No 1 and develop a phasing plan for construction of the intersection.

**OTHER CONSIDERATIONS:**

The requested additional intersection work will facilitate the anticipated future growth in the area. In addition to the new elementary school on Rodd Field Road, other planned projects include a future Del Mar South campus, proposed new shopping center and three new multi-residential housing units.

**CONFORMITY TO CITY POLICY:**

Complies with statutory requirements for architectural and engineering contracts.

**EMERGENCY / NON-EMERGENCY:**

Not applicable

**DEPARTMENTAL CLEARANCES:**

Street Department

**FINANCIAL IMPACT:**

Operating       Revenue       Capital       Not applicable

<b>Fiscal Year 2015-2016</b>	<b>Project to Date Expenditures (CIP only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Budget	\$9,600,000.00	\$437,600.00	\$3,062,400.00	\$13,100,000.00
Encumbered / Expended Amount	53,900.00			53,900.00
<b>This item</b>	<b>0.00</b>	<b>\$1,128,307.78</b>	<b>\$0.00</b>	<b>\$1,128,307.78</b>
Future Anticipated Expenditures This Project	0.00	8,566,100.00	3,062,400.00	11,628,500.00
BALANCE	9,546,100.00	-9,256,807.78	0.00	289,292.22

Fund(s): ST 21

**Comments:** If directed to continue with the construction of the intersection in addition to the approved Rodd Field Road street project, future Certificates of Obligation will need to be issued for the intersection. It is estimated that an additional \$3.56 million will be required for this element of work.

**RECOMMENDATION:**

City staff recommends execution of Amendment No. 1 with LJA Engineering, Inc. for \$1,128,307.78 for the Rodd Field Road Expansion Project including the new intersection and improvements at Rodd Road and Yorktown Boulevard. (BOND 2014, Proposition 2)

**LIST OF SUPPORTING DOCUMENTS:**

Project Budget  
Location Map  
Presentation