



AGENDA MEMORANDUM

Future Item for the City Council Meeting of March 8, 2016
Action Item for the City Council Meeting of March 29, 2016

DATE: February 15, 2016

TO: Ronald L. Olson, City Manager

THRU: Mark Van Vleck, P. E., Assistant City Manager of Public Works and Utilities
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<p style="text-align: center;"><u>Engineering Construction Change Order No. 5</u> McArdle Road Improvements BOND 2012</p>

CAPTION:

Motion authorizing the City Manager, or designee, to provide for the installation of a new traffic signal by executing Change Order No. 5 to a construction contract with Reytec Construction Resources, Inc. of Corpus Christi, Texas in the amount of \$286,512.96 for a restated fee of \$11,098,692.16 for the McArdle Road Improvements from Ennis Joslin Road to Whitaker Drive. (BOND 2012 Proposition 1)

PURPOSE:

The purpose of this Agenda Item is to obtain authority to execute Change Order No. 5 for the McArdle Road Improvement project, Bond 2012.

BACKGROUND AND FINDINGS:

McArdle Road improvements were listed as two projects under the Bond 2012 Proposition 1 and awarded as a single construction project. The proposed Traffic Signal at the McArdle and Nile intersection was prioritized under Bond 2012 Proposition 1 – Signal Improvements and Street Lighting. The new traffic signal is included as a change order to the existing construction contract to minimize disruption impacts to the local community, avoid future utility cuts to the new roadway, and reduce the overall cost for the signal construction. This work will not delay the construction project completion.

Brochure description: “McArdle Road from Nile Drive to Ennis Joslin (Bond 2012)” – This project includes the reconstruction and widening of the existing unimproved two lane roadway to three lane roadway with two travel lanes and a continuous left turn lane and bike lanes as prescribed by the

Integrated Community Sustainability Plan. Public safety improvements include sidewalks, curb and gutter, ADA curb ramps, lane striping and pavement markings, and accommodate recent improvement to area bus stops. Future bikeway requirements will require evaluation at the time of roadway design and shall conform to the adopted Bikeway Plan of the UTMP/ICSP.

“McArdle Road from Whitaker Drive to Nile Drive (Bond 2012)” – This project includes a combination of full-depth repair and resurfacing the existing four lane roadway (C-3 collector) and widening the existing travel lanes to conform to the C-3 Collector designation on the current UTMP. Public safety improvements include sidewalk, curb and gutter, ADA curb ramps, lane striping and pavement markings, and bus stop rehabilitation. Future bikeway requirements will require evaluation at the time of roadway design and shall conform to the adopted Bikeway Plan of the UTMP/ICSP.

“Signal Improvements and Street Lighting (Bond 2012)” – This includes replacement of span wire systems, which currently cannot accommodate pedestrian traffic light control due to lack of push button signal operation. Needed upgrades will bring intersections into ADA compliance and include electrical equipment to improve traffic safety and efficient traffic movement. This project will also upgrade and install additional street lighting in residential areas and streets city-wide, including replacing existing street lighting with more efficient lighting and adding lights for public safety and area beautification.

Work authorized under this Change Order includes:

This project change order provides the installation of a new traffic signal to be located at McArdle Road and Nile Drive. The signal improvement work will include new foundations, signal poles, mast arms, signal heads, pedestrian poles, pedestrian heads, conduits, conductors, controller cabinet, electrical services at all four corners Striping for turning movements will also be addressed with this item of work.

This project is one of the Bond Issue 2012 Proposition No. 1 Street Projects approved by the community in the general election held on November 6, 2012.

ALTERNATIVES:

1. Authorize execution of Change Order No. 5.
2. Do not authorize execution of Change Order No 5. (Not Recommended)

OTHER CONSIDERATIONS:

Previous Change Orders:

1. Change Order No. 1 (\$37,688.99) – Replaced an existing 5’ wastewater manhole with a 7’ manhole.
2. Change Order No. 2. (\$54,000) – Added a header curb to accommodate elevation changes between new sidewalk and adjacent property.
3. Change Order No. 3. (\$37,335.36) – Remove existing concrete cradle and wastewater 15” vitrified clay pipe with new 18” PVC pipe and provide temporary sidewalk at Nile Drive during construction.
4. Change Order No. 4 (\$29,155.45) – Remove existing wastewater manhole discovered under existing pavement and replace with new manhole at new location

CONFORMITY TO CITY POLICY:

Complies with statutory requirements for architectural and engineering contracts. Conforms to FY 2015-2016 Street Capital Improvement Planning (CIP) Budget.

EMERGENCY / NON-EMERGENCY:

Not applicable

DEPARTMENTAL CLEARANCES:

Street Department

FINANCIAL IMPACT:

☐ Operating ☐ Revenue ☒ Capital ☐ Not applicable

Fiscal Year 2015-2016	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Budget	\$9,685,468.30			\$9,685,468.30
Encumbered / Expended Amount	8,531,500			8,531,500
This item		\$286,512.96		\$286,512.96
Future Anticipated Expenditures This Project		238,152.64		238,152.64
BALANCE	1,153,968.30	524,665.60		629,302.70

Fund(s): Street Bond 2012 Funds

Comments: The traffic signal is being funded through the Traffic Signals and Lighting Improvements (City Wide) project included in Bond 2012.

RECOMMENDATION:

City staff recommends execution of Change Order No. 5 with Reytec Construction Resources, Inc. for \$286,512.96 for the McArdle Road Improvement for the installation of a new traffic signal.

LIST OF SUPPORTING DOCUMENTS:

Project Budget
Location Map
Presentation
Form 1295