



AGENDA MEMORANDUM

First Reading for the City Council Meeting of May 10, 2016
Second Reading for the City Council Meeting of May 17, 2016

DATE: April 22, 2016

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<p style="text-align: center;"><u>Engineering Change Order No. 2</u> South Staples Street from Morgan Avenue to IH 37 BOND 2012</p>

CAPTION:

Ordinance appropriating \$300,000 of anticipated revenues from the Regional Transportation Authority (RTA); changing the FY 2016 Capital Improvement Budget adopted by Ordinance No. 030621 to increase revenues and expenditures by \$300,000; authorizing the City Manager, or designee, to execute an Interlocal Agreement with the RTA; and authorizing the City Manager, or designee, to execute a change order with Bay, Ltd. of Corpus Christi, Texas in the amount of \$358,683.57 for the South Staples Street from Morgan Avenue to IH 37 project. Bond 2012, Proposition 1.

PURPOSE:

The purpose of this Agenda Item is to obtain authority to execute an Interlocal Agreement with the RTA and a Change Order with, Bay LTD, for repairs to streets damaged by RTA temporary bus detours.

BACKGROUND AND FINDINGS:

Bay LTD received the award for the Staples Street Reconstruction Project (Bond 2012 Proposition 1) in July 2015 in the amount of \$13,414,114.10. This street reconstruction was coordinated with the RTA's construction of the new Bus Terminal to minimize disruption of services and the overall cost of both projects. As a result of the temporary bus route detours, several streets were damaged near City Hall as follows:

Leopard Street	N. Brownlee Boulevard to Staples Street
Mexico Street	Lipan to Leopard Street
Josephine Street	Lipan to Leopard Street (Overlay)
Sam Rankin Street	Mestina Street to Leopard Street (Overlay)
Sam Rankin Street	Leopard Street to Antelope Street
North Alameda Street	Leopard Street to Antelope Street

The proposed improvements in Change Order No. 2 in the amount of \$358,683.57 provides for the various full depth repairs, patching and crack seals to restore the streets to the same or better condition prior to the detour as shown on the attached Street Repair Map. The three worst blocks will receive a thin overlay to restore the pavement. This is recommended since the required repairs sufficiently repaired the pavement condition allowing a TxDOT approved fiberglass reinforced mat to restore, strengthen and extend the roadway lifecycle.

The Interlocal Agreement provides a joint City/RTA participation with the RTA providing \$300,000 for the repairs to restore the streets only. The City's participation is to execute the design, award, construction, inspection and contract administration for the repairs plus shared cost for the additional surface restoration to extend the pavement lifecycle.

The TxDOT approved matting is the first application of this technology for the City, however, this is currently utilized by TxDOT and numerous other public and private agencies for similar rehab. The City and industry has used geotextile matting (GEOGRID) for decades that is applied to the base and subgrade. This reinforced fiberglass mat is applied between existing and a new hot mix asphalt concrete (HMAC) layer. There are other types of matting applied between the HMAC layers that performs to minimize reflective cracking. This "reinforced" matting minimizes reflective cracking for a much longer duration and adds to the structural integrity of the pavement thus extending the lifecycle.

ALTERNATIVES:

1. Authorize execution of the construction contract.
2. Do not authorize execution of the construction contract. (Not Recommended)

OTHER CONSIDERATIONS:

Change Order No. 1 for \$35,376.00 provided for installing 18" Arch Concrete Reinforced Storm Water Pipe in lieu of 18" Round Concrete Pipe to avoid existing AEP and AT&T duct banks. Change Order 1 & 2 combined is \$394,059.57 that represents approximately 3% increase to the total contract value.

CONFORMITY TO CITY POLICY:

Conforms to FY 2015-2016 Street Capital Improvements 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	15,711,063.80	300,000.00		16,011,063.80
Encumbered / Expended Amount	15,607,290.83			15,607,290.83
This item		358,683.57		358,683.57
Future Anticipated Expenditures This Project		44,479.69		44,479.69
BALANCE	103,772.97	-103,163.26		609.71

Comments: City Council awarded the original construction project to Bay, LTD on July 21, 2015 in the amount of \$13,414,114.00.

RECOMMENDATION:

City staff recommends approval of the Interlocal agreement and approval of the change order with Bay Ltd, Inc. of Corpus Christi, Texas in the amount of \$358,683.57, for the South Staples Street from Morgan Avenue to IH 37 Bond 2012 Proposition 1 project for additional repairs along streets damaged by bus traffic.

LIST OF SUPPORTING DOCUMENTS:

Ordinance
Budget
Change Order No. 2
Form 1295
Project Location Map
Street Repair Location Map
Presentation