



AGENDA MEMORANDUM

First Reading on the City Council Meeting of May 14, 2019
Second Reading on the City Council Meeting of May 21, 2019

DATE: May 3, 2019

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Construction Contract Award
Slough Road (Rodd Field Road to Amethyst Drive)
(Type B Funded)

CAPTION:

Ordinance appropriating \$154,430.54 and authorizing execution of a construction contract with Max Underground Construction, LLC of Corpus Christi in the amount of \$5,400,889.65 for base bid plus Additive Alternatives No. 1, 2 and 3 for Slough Road (Rodd Field Road to Amethyst Drive) Improvement Project.

PURPOSE:

The purpose of this agenda item is to obtain authority to execute a construction contract for reconstruction of Slough Road (Rodd Field Road to Amethyst Drive) and the construction Ametrine Road (County Road 7B - Slough Road to Brooke Road).

BACKGROUND AND FINDINGS:

The Slough Road Improvement Project was one of three Street Reconstruction projects (Slough, Everhart & Holly Road) approved by City Council and the Type B Board for funding with Type B funds (see attached Resolution and City Council Minutes). All three Type B projects were approved for 100% design funding in early 2018 with the intent of allowing construction to bid in early 2019.

The existing Slough Road is a narrow, 2-lane rural cross section roadway. In addition to being in poor condition, the road lacks sidewalks, underground drainage and adequate width to support the adjoining land uses. Slough Road is the single point of access and egress into an area with seven subdivisions comprising over 750 homes. Kolda Elementary is located at the intersection of Slough Road and Rodd Field. The school traffic further exacerbates the deficiencies of Slough Road and will complicate construction.

The project scope includes reconstruction and widening of Slough Road with sidewalks, related storm water and underground utility improvements. To better accommodate access and egress during construction and to help ease congestion from the ongoing Rodd Field Road Improvement Project (Bond 2014), Engineering Services included improvements to County Road 7B (Ametrine) in the Slough Road bid documents. Without Ametrine, the construction of Slough Road would require periods of one-way restriction requiring flagmen to direct traffic around the Slough Road construction zone. Given the fact that Slough Road is already experiencing traffic congestion, the one-way restriction could create significant inconvenience to area residents and school traffic.

Improvements to Ametrine will be the first phase for the Slough Road Project. The traffic control plan requires completion of Ametrine prior to restricting traffic to one lane on Slough Road. With Ametrine completed, the traffic control plan would allow one-way egress from Slough Road to Rodd Field with ingress using the newly constructed Ametrine Road to access Slough Road from Brooke Road.

Construction of Ametrine Drive will be funded with remaining Bond 2008 Developer Participation funds combined with Developer Contributions collected from the two subdivisions bordering Slough / Ametrine intersection. Ametrine construction also requires some property acquisition where County Road 7B only has 30' of existing right-of-way. The amount for the approximate one acre of right-of-way is \$40,000.

Ametrine Drive from Slough to Aquamarine Drive (funded with developer contributions) will be improved with 2-lanes with curb & gutter on both sides and a sidewalk with ADA ramps on the east side. Ametrine from Aquamarine to Brooke is proposed as a 2-lane rural roadway with roadside drainage ditches.

Project Scope:

The cost estimate rose during the design phase due to unforeseen scope and traffic coordination. To try and remain within the originally proposed budget, the project was developed with a base bid plus four additive alternates described below:

BASE BID – Includes street reconstruction of Slough Road and new construction of Ametrine as follows:

- **SLOUGH ROAD** – Reconstruction from Rodd Field Road to Amethyst Drive (approximately 3,500 LF) with new dedicated left turn lane at Ametrine. Street work includes full-depth reconstruction of the existing 2-lane HMAC roadway, adding new 5-foot wide sidewalks with ADA ramps, curb & gutter, pavement markings and signage. Utility improvements includes new underground storm water with upgrades to wastewater, water, and gas.
- **AMETRINE DRIVE** – New construction of a 2-lane roadway with HMAC from Slough Road to Brooke Road (approximately 2,600 LF). Brooke to Aquamarine improvements include new HMAC 2-lane rural roadway with roadside ditches, with no sidewalks or curb & gutter. Aquamarine to Slough will be a new 3-lane HMAC roadway (2-lanes with a turn lane) plus a new 5-foot wide sidewalk on the east side with ADA ramps, and curb & gutter on both sides. Utility improvements are limited to a new water line from Brooke to Slough Road with limited

wastewater improvements between Slough and Aquamarine to allow for removal of existing residential properties on existing septic systems.

ADDITIVE ALTERNATE NO. 1 – Includes widening the new sidewalk along the south side of Slough from Rodd Field Road to Amethyst Drive from 5' to 8' to support the minimum requirements of a multi-use trail in the MPO approved bicycle plan.

ADDITIVE ALTERNATE NO. 2 – Includes reconstruction of Slough/Pennine Way intersection with new HMAC pavement and extends the new sidewalk along the south side of Slough from Amethyst to the existing sidewalk just past Pennine Way intersection.

ADDITIVE ALTERNATE NO. 3 – Includes the mill and overlay of Slough Road from Amethyst Drive to end of street cul-de-sac.

ADDITIVE ALTERNATE NO. 4 – Eliminates construction of Ametrine Road and associated storm water, water, and wastewater line improvements. This does not remove the proposed designated turn lane from Slough Road to Ametrine Road, approximately \$30,000.

On April 26, 2019 the City received proposals from four (4) bidders. The proposal from CPC Interests was determined as non-responsive due to submission of the incorrect bid form. That did not affect order of the bids. The following is a summary of the bids received:

BID SUMMARY						
CONTRACTOR	BASE BID	ADD. ALT. 1	ADD. ALT. 2	ADD. ALT. 3	ADD. ALT. 4	TOTAL BID BASE BID WITH ADD ALTs 1 - 3
MAX UNDERGROUND CONSTRUCTION, LLC Corpus Christi, TX	\$5,217,558.85	\$46,364.00	\$64,815.00	\$72,151.80	(\$913,544.75)	\$5,400,889.65
BAY LTD. Corpus Christi, TX	\$5,662,793.77	\$78,783.20	\$158,332.25	\$83,330.10	(\$871,115.00)	\$5,983,239.32
HASS-ANDERSON CONSTRUCTION, LTD Corpus Christi, TX	\$7,179,935.50	\$94,222.00	\$140,543.00	\$48,722.10	(\$2,589.35)	\$7,463,422.60
CPC INTERESTS DBA CLARK PIPELINE SERVICES Corpus Christi, TX	\$6,571,347.43	\$73,275.20	\$138,326.00	\$85,720.22	(\$1,081,975.16)	\$6,868,668.85
Engineer's Opinion of Probable Cost	\$5,198,279.44	\$233,392.28			\$500,296.15	\$4,800,000.00

ALTERNATIVES:

1. Authorize execution of a construction contract for base bid and additive alternates 1, 2 and 3. (Recommended)
2. Do not authorize execution of a construction contract. (Not Recommended)

OTHER CONSIDERATIONS:

N/A

CONFORMITY TO CITY POLICY:

Complies with statutory requirements for construction contract procurement. Conforms to FY 2018 Capital Improvement Planning (CIP) Budget.

EMERGENCY / NON-EMERGENCY:

Non-Emergency

DEPARTMENTAL CLEARANCES:

Street Operations

FINANCIAL IMPACT:

☐ Operating ☐ Revenue ☒ **Capital** ☐ Not applicable

Fiscal Year 2018-2019	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Budget		6,895,229.00		6,895,229.00
Encumbered / Expended Amount		585,121.00		585,121.00
This item		5,400,889.65		5,400,889.65
Future Anticipated Expenditures This Project		909,218.35		909,218.35
BALANCE		0		0

Fund(s): Type B, Bond 2008, Bond 2014, Developer Contributions, and Utility CIP.

COMMENTS:

Fund Name: Street B Corp (Sales Tax) Fund 3250
Activity: 18042-A-3250-EXP 550910
Account No. 550910 (Construction)
Project No. 18042A Slough Road (Rodd Field Road to Amethyst Drive)
Sequence No. Street CIP Sequence #37

RECOMMENDATION:

Staff and Design Consultant, Munoz Engineering, recommend awarding the construction contract to Max Underground Construction, LLC. for the Base Bid plus Additive Alternatives No. 1, 2 and 3.

LIST OF SUPPORTING DOCUMENTS:

Ordinance
Project Budget
Location Map
Resolution
City Council Minutes
Presentation
Letter of Recommendation