



AGENDA MEMORANDUM

Action Item for the City Council Meeting of July 14, 2020

DATE: June 12, 2020

TO: Peter Zaroni, City Manager

FROM: Jeff H. Edmonds, P. E., Director of Engineering Services
jeffrey@cctexas.com
(361) 826-3851

Richard Martinez, Director of Public Works/Street Operations
richardm5@cctexas.com
(361) 826-3419

Kim Baker, Director of Contracts and Procurement
kimb2@cctexas.com
(361) 826-3169

Construction Contract Award

**Swantner Drive (Indiana Avenue to Texan Trail), Chamberlain Street
(Swantner Drive to Reid Drive) and Glazebrook Drive (Swantner Drive to Reid
Drive) (Bond 2018, Proposition A)**

CAPTION:

Motion awarding a construction contract to J Carroll Weaver, LLC for reconstruction of Swantner Drive from Indiana Avenue to Texan Trail, Chamberlain Street from Swantner Drive to Reid Drive and Glazebrook Drive from Swantner Drive to Reid Drive, located in Council District 2, with new asphalt pavement and utility improvements in the amount of \$7,113,357.76 with funding available from the Street Bond 2018 and FY 2020 Storm Water, Wastewater, Water and Gas Funds.

SUMMARY:

This motion approves a construction contract with J Carroll Weaver, LLC, in the amount of \$7,113,357.76 for reconstruction of Swantner Drive from Indiana Avenue to Texan Trail, Chamberlain Street from Swantner Drive to Reid Drive and Glazebrook Drive from Swantner Drive to Reid Drive with new asphalt pavement.

BACKGROUND AND FINDINGS:

The project scope includes Swantner Drive from Indiana Avenue to Texan Trail (Bond 2018 project), Chamberlain Street from Swantner Drive to Reid Drive (Bond 2018 Residential Street Rebuild Program (RSRP)) and Glazebrook Drive from Swantner Drive to Reid Drive (Bond 2018 RSRP). Chamberlain Street and Glazebrook Drive street sections were included with Swantner Drive due to the offsite storm drainage improvements proposed with the Swantner Drive project.

Swantner Drive is classified as a minor residential street from Indiana Avenue to Texan Trail. The roadway was included in the Bond 2018 Program because it exhibits extensive pavement failure throughout the project limits. The project scope includes reconstruction of 1.32 miles of street with new pavement, curb & gutter, sidewalks, driveways, ADA ramps, signage, pavement markings, and utilities. Bike Boulevard signage and markings will added to the street per the adopted MPO plan.

Utility improvements include new underground storm sewer system, new water main, and minor adjustments to wastewater and gas. Currently there is no storm sewer system on Swantner Drive and hence the storm drainage improvements are significant. The existing water main on Swantner Drive was installed in 1955 and the pipe material is asbestos cement. The proposed project will install plastic water main with in the project limits. Wasterwater improvements were addressed with the Indefinite Delivery/Indefinite quantity (ID/IQ) project.

The project was developed with two Base Bids. Bidders submitted bids on either Base Bid 1 or Base Bid 2 or both.

Base Bid No. 1 – This project includes reconstruction of approximately 7,000 LF of new asphalt pavement, curb & gutter, sidewalk, ADA ramps, pavement markings, and signage along with utility improvements.

Base Bid No. 2 – This project includes reconstruction of approximately 7,000 LF of new concrete pavement, curb & gutter, sidewalk, ADA ramps, pavement markings, and signage along with utility improvements.

PROJECT TIMELINE:

2018					2019					2020					2021																			
J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
Design															Bid/ Award			Construction																

Project schedule reflects City Council award in July 2020 with anticipated completion in

May 2021.

COMPETITIVE SOLICITATION PROCESS

The Contracts and Procurement Department issued a Request for Bids. The solicitation contained two base bids, Base Bid 1 (asphalt) and Base Bid 2 (concrete). On April 29, 2020, the City received six bids (four bids for asphalt and two bids for Concrete). A summary of the bids is provided below.

BID SUMMARY – BASE BID 1 (Asphalt)	
CONTRACTOR	BASE BID
J Carroll Weaver, LLC	\$7,113,357.76
JE Construction Services, LLC	\$7,169,039.15
Bay Ltd	\$7,289,121.72
Clark Pipeline Services LLC	\$8,811,773.27
<i>Engineer's Opinion of Probable Cost</i>	<i>\$8,545,256.56</i>

BID SUMMARY – BASE BID 2 (CONCRETE)	
CONTRACTOR	BASE BID
JE Construction Services, LLC	\$8,204,954.00
Clark Pipeline Services LLC	\$10,473,820.34
<i>Engineer's Opinion of Probable Cost</i>	<i>\$10,423,609.46</i>

Per City Council Policy 28 - Award Guidelines for Arterial and Collector Streets, an award recommendation for concrete pavement is made if the total cost of the concrete bid does not exceed \$125,000 per lane-mile of the asphalt cost. This project includes approximately 2.65 lane-miles of pavement. The recommendation would be for concrete if it were within \$331,250 of the asphalt bid. The cost of the concrete low bid is \$1,091,596.24 above the asphalt lowest bid.

Staff recommends the award of Base Bid 1 for asphalt pavement per City Council Policy 28 and based on the street classification. The surrounding streets in the neighborhood are of asphalt pavement.

City determined J Carroll Weaver, LLC, is the lowest responsive and responsible bidder. J Carroll Weaver has previously completed residential streets under RSRP and street preventive maintenance program.

ALTERNATIVES:

The alternative is not to award the construction contract to the low-bidder, J Carroll Weaver, LLC or award the concrete bid.

FISCAL IMPACT:

The item proposes to award a construction contract to J Carroll Weaver, LLC, in the amount of \$7,113,357.76 for the construction of Swantner Drive from Indiana Avenue to Texan Trail, Chamberlain Street from Swantner Drive to Reid Drive and Glazebrook Drive from Swantner Drive to Reid Drive. Project funds are available in Street Bond 2018, Proposition A Fund and FY2020 Storm Water, Wastewater, Water and Gas Funds.

Funding Detail:

The preliminary cost estimate budgeted for project in the Capital Improvement Program (CIP) was \$5,359,350 for Swantner Drive, \$499,305 for Chamberlain Street and \$346,741 for Glazebrook Drive including design and construction. The lowest bid received for the project was at \$7,113,357.76. The construction cost for the project is significantly higher due to the proposed storm drainage improvements and replacement of the existing water main. Estimates presented in the CIP were preliminary cost estimates. Funding for the storm water and water improvements have been budgeted through the utility revenue bonds. The remaining funding needed for the subject project has been transferred from portions of utility funding from CIP projects that are being delayed. Some of the projects that were delayed include Beach Avenue, Castenon Street and Long Meadow Drive. These projects are still in the preliminary stage of design. The utility funding for these projects will be funded with utility revenue bonds next fiscal year.

Fund: **Street Bond 2018, Proposition A (Fund 3556)**
Mission Elem: Street Pavement Maintenance (ME 051)
Project No.: Swantner Drive from Indiana Avenue to Texan Trail (18046A)
Account: Construction (Account #550910)
Activity: 18046-A-3556-EXP
Amount: \$1,809,345.63

Fund: **Storm Water (Fund 4532)**
Mission Elem: Storm Water Drainage (ME 043)
Project No.: Swantner Drive from Indiana Avenue to Texan Trail (18046A)
Account: Construction (Account #550910)
Activity: 18046-A-4532-EXP

Amount: \$3,732,071.57

Fund: **Wastewater (Fund 4257)**

Mission Elem: Wastewater Collection System (ME 042)

Project No.: Swantner Drive from Indiana Avenue to Texan Trail (18046A)

Account: Construction (Account #550910)

Activity: 18046-A-4257-EXP

Amount: \$36,427.61

Fund: **Water (Fund 4099)**

Mission Elem: Water Distribution System (ME 041)

Project No.: Swantner Drive from Indiana Avenue to Texan Trail (18046A)

Account: Construction (Account #550910)

Activity: 18046-A-4099-EXP

Amount: \$1,483,109.33

Fund: **Gas (Fund 4560)**

Mission Elem: Gas Distribution System (ME 022)

Project No.: Swantner Drive from Indiana Avenue to Texan Trail (18046A)

Account: Construction (Account #550910)

Activity: 18046-A-4099-EXP

Amount: \$52,403.62

RECOMMENDATION:

Staff recommends awarding of Swantner Drive from Indiana Avenue to Texan Trail for construction award in the amount of \$7,113,357.76 to J Carroll Weaver, LLC. The construction duration is planned for 10 months from issuance of the Notice to Proceed to begin construction in July 2020.

LIST OF SUPPORTING DOCUMENTS:

Location Map

Bid Tab

City Council Policy 28 Award Guidelines for Arterial and Collector Streets, Concrete or Asphalt Pavement