

Memo



To: Clay Pearson, City Manager
From: Cara Davis, Project Manager
CC: Trent Epperson, Assistant City Manager
Robert D. Upton, P.E., Director of Engineering
Skipper Jones, Assistant Director of Projects
Eric Wilson, Director of Public Works
Date: March 15, 2018
Re: Mykawa Road Widening (Beltway 8 to FM 518)

3/14/2018
To: Mayor and City Council members
Upcoming design contract consideration kicks-off the Mykawa Road widening improvements (Beltway 8 to FM 518). Clay

This memo provides an update on the Mykawa Road project and planned activities. This is the first memo in this series.

Background

In 2015, the Houston Galveston Area Council (H-GAC) Transportation Policy Council (TPC) approved the City's Mykawa Road Expansion application for funding in the 2015-2018 Transportation Improvement Program (TIP). The project was included in the 2015-2019 CIP Budget with funding for the design in FY 2017 and construction scheduled in FY2018. Subsequently, staff requested the Texas Department of Transportation (TxDOT) prepare the Advanced Funding Agreement (AFA) for the project.

In May 2017, the City entered into an AFA with the TxDOT to share the design, right-of-way and construction costs for all authorized expenditures on an 80/20% basis up to the maximum amount of \$31,641,226.00 per the AFA funding agreement. The City made an initial payment to TxDOT of \$20,980.00 to cover direct costs associated with the review of the project during the design phase. TxDOT will reimburse the City 80% of the costs related to the design engineering and right of way acquisition per the agreement. Per the AFA, the City is responsible for the performance of the architectural and engineering services, obtaining Environmental clearance (Finding of No Significant Impact) and mitigation/remediation of any environmental issues, and utility relocation. TxDOT will be responsible for advertising for construction, receiving and tabulating bids, awarding and administering the contract for construction. The City will be responsible for 20% of the construction costs up the agreed AFA amount of \$8,027,580.00. As with all AFA agreements the City will be responsible for 100% of all costs over the agreed to amount contained within the AFA.

In late February 2018, Staff received notification of TxDOT's approval to award the design contract.

Design Overview

The contract with LAN includes design phase services required for the preparation of Plans, Specifications, and Estimates (PS&E) for the Mykawa Road Widening Project from FM 518 to the west bound frontage road of BW8 south. The project will consist of replacing the 2-lane asphalt roadway with surface drainage, with a 4-lane divided roadway with underground drainage and raised medians conforming to the City's standard Major Thoroughfare cross section. Design elements include sidewalks, drainage, detention ponds, signal modifications (if required), signage and pavement markings, illumination, traffic control plans, storm water pollution prevention plans, and landscape/irrigation plans. Additional technical services include an environmental assessment, identification and parcel mapping of required Right of Way (ROW), geotechnical investigations, subsurface utility evaluations, surveying, utility coordination/relocation, and public involvement. See attached map for project location details.

Schedule

The preliminary design schedule submitted by the engineer reflects a 19-20 month design period. On this project TxDOT is administering the advertisement for bids, receiving and tabulating the bids, as well as overseeing the construction of the project. The letting is scheduled for August 2020, which would require final plans to be submitted to the TxDOT area office by March 2020. The final TxDOT review takes approximately five (5) months to complete. A Notice to Proceed for the design will be issued at the design kick-off meeting being scheduled at this time with TxDoT.

	<i>Base Line</i>	<i>Current</i>
<i>Design Start</i>	August-17	March-18
<i>Bid Start</i>	August-20	
<i>Construction Start</i>	TxDOT is managing Construction	
<i>Proposed Construction Completion</i>	June-22	

Budget Info:

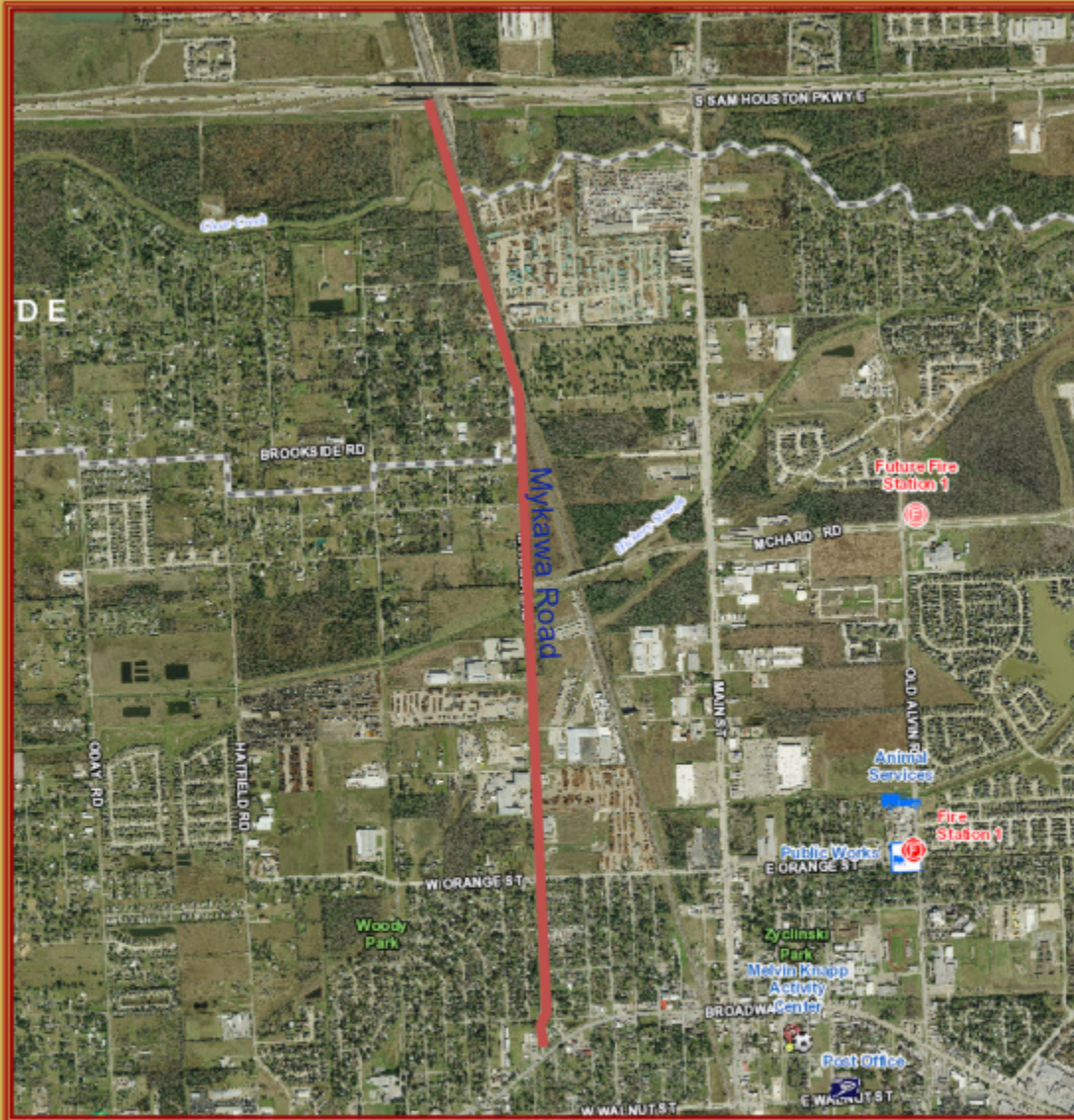
	<i>Budget</i>	<i>Encumbered</i>	<i>Contract Amendments / Change Orders</i>	<i>Balance</i>
<i>Prelim. Eng.</i>	\$108,723.00	\$108,723.38		-\$0.38
<i>Land*</i>	\$1,860,000.00			\$1,860,000.00
<i>Engineering</i>	\$4,044,000.00	\$22,498.60		\$4,021,501.40
<i>Construction*</i>	\$8,027,580.00			\$8,027,580.00
<i>FF&E</i>				\$0.00
<i>Contingency*</i>	\$1,528,000.00			\$1,528,000.00
Total	\$15,568,303.00	\$131,221.98	\$0.00	\$15,437,081.02

*scheduled in FY19 & FY20

Recommendation

Staff will recommend that Council approve and authorize the Design Contract be awarded to Lockwood, Andrews & Newnam, Inc. (LAN) for the Mykawa Road Expansion from FM 518 to BW 8 in the amount of \$2,987,697.11. The current schedule is to place the Design Contract on the March 26, 2018 City Council Meeting Agenda.

Mykawa Road



Mykawa Road Widening Project
Limits: Beltway 8 to FM 518

1:24,000

1 inch = 2,000 feet



This product is for informational purposes only and may not be prepared or be suitable for legal engineering or construction purposes.

WAP PREPARED: MARCH 1, 2018