

25 June 2020

To: Mayor and City Council members

Large Mykawa Road widening project, road widening for safety and capacity plus associated drainage improvements, inching along for design and permitting. Getting closer to land acquisition. Then bid winter 2021 for complete in 2023. Clay



Mykawa Road Widening (Beltway 8 to FM 518)

Scope: Construct approximately 3 miles of 4-lane concrete curb and gutter divided boulevard section roadway, including storm sewers, outfalls and detention, traffic signals and related items. Data from previous efforts will be incorporated into the design process. This project will require full environmental assessment and ROW acquisitions along the alignment. Installation of approximately 11,000' of fiber from FM 518 to intersection at Brookside Rd. Funding is an 80/20 split with TxDOT and TxDOT will let and construct project.

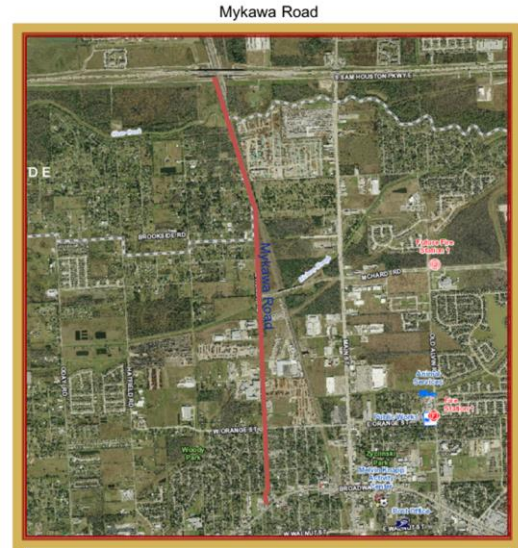
Justification: This proposed roadway, included in the City's Thoroughfare Plan and one of the 2007 Bond Program, projects to alleviate traffic between Beltway 8 and FM 518. This roadway moves commercial/industrial truck traffic and fronts many developed commercial entities as well as future commercial lots.

Project Manager: Cara Davis

Designer: LAN

Contractor: TBD

Budget Info:



Funding Sources	Series	To Date	Future	Total Budget
General Revenue - Cash		2,000		2,000
Certificates of Obligation		108,723		108,723
Certificates of Obligation			4,606,285	
General Obligation Bonds	2017	1,036,639		1,036,639
General Obligation Bonds	2018	2,240,720		2,240,720
General Obligation Bonds	TBS	881,600	4,449,295	5,330,895
W/S Revenue Bonds				-
HGAC- TIP		2,237,680		
Other Funding Sources		5,361		5,361
Total Funding Sources		6,512,723	9,055,580	15,568,303

Expenditures	To Date	Future	Total
PER	108,723		108,723
Land	600	2,404,000	2,404,600
Design	3,010,196		3,010,196
Construction		8,027,580	8,027,580
Construction Management/Inspection			-
Construction Materials Testing			-
FF&E			-
Total Expenditures	3,119,519	10,431,580	13,551,099

Project Balance/Contingency	2,017,204
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The Mykawa Road project is funded through TxDOT’s LGPP program where the City will be reimbursed via an 80/20 split as outlined in the Advanced Funding Agreement (AFA).

Schedule Info:

	<i>Base Line</i>	<i>Current</i>
Design Start		May-18
Bid Start	November-21 TxDOT	
Construction Start	TxDOT	
Proposed Construction Completion	2023	

Highlights:

- Franchise utility coordination meeting was held at TxDOT on March 10, 2020. Another round of meetings will be necessary once final Right of Way has been determined and then again once that Right of Way has been acquired.
- The Mykawa Drainage impact analysis report was submitted to Staff on April 21, 2020 to City staff for review. That review was completed, and comments were returned to the Engineer in mid-June for inclusion and finalization.
- Parcel mapping for right-of-way acquisition began in May 2020. Acquisition of Right of Way and any easements will begin after Environmental Clearance and State authorization is received.
- 60% plans were submitted to the City on June 8, 2020 for Staff review.
- Staff performed extensive review of right of way availability and requirements against the use of retaining walls in some locations. Due to elevation differences between the roadway and surrounding natural ground, retaining walls were still required in some locations at the north end of the project. Decisions on retaining walls versus additional Right of Way acquisition are pending full review of Harris County Flood Control plans to widen Clear Creek, including re-constructing the bridge at that location.
- Environmental clearance efforts continue with some components of the overall clearance already receiving approval. The Traffic Noise Study, Archaeology Background Study and Historic Survey Report were started in June 2020 with the 60% design and are continuing at this time. Packages that are already complete include: Air Quality Technical Report, Historic PCR, Species Analysis Form, Species Analysis Spreadsheet, TIER I Assessment, Hazmat ISA and the Public Meeting Summary.
- Continued coordinating drainage for the Mykawa corridor south of Orange Street with Brazoria Drainage District 4 (BDD4) and two City projects: Mimosa Acres and Willowcrest subdivisions. The BDD4 project to enclose the roadside ditch along the west side of Mykawa, between Cherry St and Orange St, is being incorporated into the Hydraulic and Hydrologic study for Mykawa. The BDD4 ditch enclosure project was awarded in January 2020 and is scheduled to complete in July 2020.
- Harris County Flood Control District (HCFCD) is currently planning improvements along Clear Creek which includes removal and replacement of the Mykawa Rd bridge over Clear Creek at the north end of the project. The City’s original project planning did not include any improvements to this bridge. HCFCD has requested that the bridge be added to the Mykawa Rd design with the expense borne by the Clear Creek project. LAN is providing a proposal to incorporate this into the plans. However, HCFCD’s project is behind the roadway in

schedule and final hydraulics for the bridge may not be available in time to incorporate the bridge into the plans before bidding. All agencies are making a concerted effort to try and make this work.

- In early June 2020 City staff received an email stating that TxDOT is planning to amend the AFA for Mykawa Rd and Staff are awaiting H-GAC action to make this change to the TIP to account for the roadway spanning two counties. TxDOT said this should not affect the project schedule/progress and items currently underway with the project.

Upcoming Work Items:

- To continue coordination efforts with heavy traffic generators on Mykawa, exhibits representing proposed driveway access and proposed new right-of-way will be submitted to local businesses along the corridor. Individual meetings will be scheduled with stakeholders as requested.
- Additional soil sampling for hydro-carbon contaminants is planned for locations of former and current gas station facilities to determine if construction can avoid potentially contaminated areas or if not, accommodate any remediation as part of the plan. This additional sampling will be change ordered into the environmental contracts once it is approved and accepted by TxDOT.
- 90% drawings are scheduled for submittal in early September 2020.
- Take revised AFA's before Council when ready.
- Project letting November 2021
- Start of Construction in first quarter 2022

Previous Memos: 3/8/18, 1/16/20

Project Location Map:

Mykawa Road



Mykawa Road Widening Project
Limits: Beltway 8 to FM 518

1:24,000
1 inch = 2,000 feet



NORTH

This map and/or its information purposes only and may not be prepared or be subject to legal review as to accuracy & contents.

MAP PREPARED: MARCH 1, 2018