

1/16/2020

To: Mayor and City Council members

Update on the ongoing design efforts and coordination efforts with TxDOT for the Mykawa widening scheduled for late 2021. Coordination with adjacent businesses will continue throughout the design efforts. - Trent



# 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.

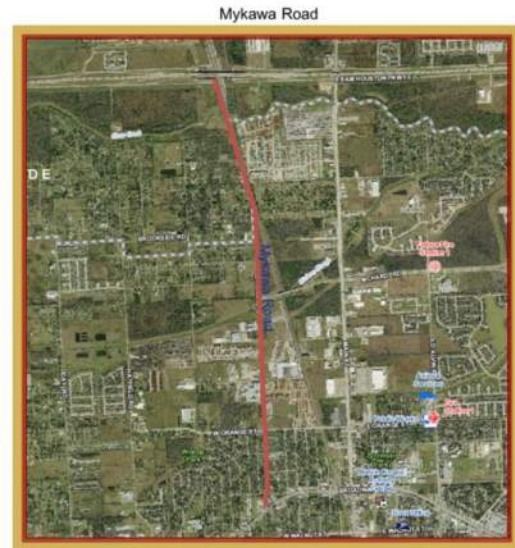
**Justification:** This proposed roadway, included in the City's Thoroughfare Plan and one of the 2007 Bond Program, projects to alleviate traffic between Beltway 8 and FM 518. This roadway moves commercial/industrial truck traffic and fronts many developed commercial entities as well as future commercial 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             |
| <b>Total Funding Sources</b> |        | <b>6,512,723</b> | <b>9,055,580</b> | <b>15,568,303</b> |

| 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                               |                  |                   | -                 |
| <b>Total Expenditures</b>          | <b>3,119,519</b> | <b>10,431,580</b> | <b>13,551,099</b> |

|                                    |                  |
|------------------------------------|------------------|
| <b>Project Balance/Contingency</b> | <b>2,017,204</b> |
|------------------------------------|------------------|

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> |
|---|------------------|----------------|
| <i>Design Start</i>                     |                  | May-18         |
| <i>Bid Start</i>                        | August-21        | TxDOT          |
| <i>Construction Start</i>               |                  | TxDOT          |
| <i>Proposed Construction Completion</i> | 2023             |                |

**Highlights:**

- This memo is the first in the series of design updates and will bring the reader current with progress on the project.
- Stakeholder meetings with businesses along the corridor and Brookside officials was held on December 19, 2018.
- Staff and the consultant held an Environmental coordination meeting with TxDOT on February 14, 2019
- **Public Meeting was hosted on April 23, 2019 at the PISD administration building. The meeting was well attended by over 70 participants from the public.**
- Design Concept Conference (DCC) was held on June 12, 2019
- TxDOT agreed on the proposed road profile at October 19, 2019 meeting with the Houston district Drainage section
- Staff performed extensive review of right of way availability and requirements to review against the use of retaining walls in some locations.
- Staff has requested additional soil sampling for hydro-carbon contaminates at 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
- **30% Construction Plans were submitted on December 23, 2019. Comments are expected back the last week of January.**
- Environmental clearance activities continue with some components of the overall clearance already receiving approval. 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. **Full environmental clearance is expected to be completed as early as mid-2020.**
- **Continuing coordination with businesses along the corridor to ensure the design maintains accessibility and functionality of the businesses.**
- Continued coordinating drainage for the corridor south of Orange Street with BDD4 and consultants designing adjacent projects. Staff authorized additional drainage hydraulic study on the Willowcrest and Mimosa Acres subdivisions and their impact on the Mykawa ditch to conclude that improvements in these two areas would not be adversely impacted by the work the Drainage District is doing to that ditch
- Draft Geotechnical report has been completed and is being reviewed

**Upcoming Work Items:**

- The Mykawa Drainage impact analysis report is scheduled for submittal in late March 2020
- Begin ROW acquisition in second quarter of 2020
- 60% plan submittal schedule for June 2020

**Previous Memos:** 3/8/18

Project Location Map:

# 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 financial purposes.

MAP PREPARED: MARCH 1, 2018