

3/18/2020

To: Mayor and City Council members

Worked through the drainage, wetland, AFA, and various other TxDOT requirements to add northbound frontage road east of SH 288. Big improvement will be advanced five years from TxDOT target thanks to cooperation of City, Brazoria County, and PEDC. Clay

SH288 Northbound Frontage Road (CR59 to FM 518)



Scope: Construct a northbound 3-lane concrete curb and gutter “urban” cross-section frontage road from Magnolia Parkway to FM 518 (Broadway), with three (3) northbound driveway approaches for access management, scope also includes a U-turn lane under the main lanes overpass and an access lane to the SH288 main lanes. Project includes right of way acquisition for detention pond.

Justification: This project is expected to be a major traffic congestion reliever in the SH288/Broadway interchange area by enhancing access to the major commercial areas. The main access to the Silverlake Commercial Center is one entrance on Broadway with minor entrances on CR94. The frontage road will not only provide additional access but will also open up prime commercial frontage along SH288 between CR59 and Broadway to development while reducing traffic on Broadway. The City has partnered with Brazoria County to fund the design and construction of the project. A revised AFA has been developed where TxDOT will be letting the project and managing the construction and testing. The project is anticipated for letting in Fall of 2020. This will **accelerate the project by approximately 5 years** with a target completion date of late 2021.



Project Manager: Fatema Weekly

Designer: HDR Engineering, Inc.

Contractor: N/A

Budget Info:

Funding Sources	Series	To Date	Future	Total Budget
General Revenue - Cash				-
Certificates of Obligation	2017	450,000		450,000
Certificates of Obligation			5,600,000	5,600,000
General Obligation Bonds				-
General Obligation Bonds				-
W/S Revenue Bonds				-
PEDC		750,000		750,000
Other Funding Sources - Fund Balance		410,000		410,000
Other Funding Sources - County			1,500,000	1,500,000
Total Funding Sources		1,610,000	7,100,000	8,710,000

Expenditures	To Date	Future	Total
PER			-
Land	13,440	596,560	610,000
Design	706,137		706,137
Construction		7,000,000	7,000,000
Construction Management/Inspection			-
Construction Materials Testing			-

FF&E			-
Total Expenditures	719,577	7,596,560	8,316,137
Project Balance/Contingency			393,864

Schedule Info:

	Base Line	Current
Design Start	September-18	September-18
Bid Start	October-20 - TxDOT	
Construction Start		
Proposed Construction Completion	April-21	

Highlights:

- Staff received an approved Advanced Funding Agreement (AFA) from TxDOT on January 10, 2020 for the proposed SH288 Northbound Frontage Road improvements. Council approved the AFA during the January 27, 2020 regular meeting. This AFA provided TxDOT to let and manage the construction, construction management and material testing of the project.
- On January 8, 2020, Staff submitted to TxDOT communications from the United States Army Corps of Engineers (USACE), which indicated “a letter from them is not warranted to begin construction if the Environmental consultant’s assessment shows no Waters Of the U.S. (WOUS), including wetlands exist and/or will be impacted within the proposed project area”. The City’s Environmental consultant, Crouch Environmental Services, Inc., drafted a Letter of Professional Opinion on January 14, 2019, indicating the Subject Property “does not” contain any potentially jurisdictional WOUS, including wetlands.
- **On February 18, 2020 the 95% construction drawings were delivered to TxDOT’s Houston office to initiate their required review and approval of the plans. With an anticipated five-month review timeframe, TxDOT is projected to let the project in October 2020 and construction is expected to have a 12-15 duration period.**
- Staff worked with TxDOT to address additional questions on the previously submitted Traffic Noise Technical Report (TNTR) and returned a revised report to TxDOT on February 18, 2020.
- After speaking with TxDOT Environmental personnel on February 18, 2020, it was agreed upon that the City can proceed with acquiring the additional land needed for drainage as there are no environmental concerns identified. The City’s Acquisition Manager has initiated this process and projects it will take 6 months to finalize the transfer of land ownership.
- Staff received communications from TxDOT on March 9, 2020 requesting additional updates to the previously approved Traffic Noise Technical Report (TNTR). The TNTR was updated to include the requested data and assumptions and returned to TxDOT on March 10, 2020.
- Staff and project Engineer met with TxDOT on March 11, 2020 to discuss comments received regarding the Drainage Analysis submitted to TxDOT on January 27, 2020. An updated analysis addressing these comments was provided to TxDOT during the meeting; and at a glance, all comments appear to have been successfully addressed. TxDOT has indicated a final review of the revised study should be completed by March 23rd. Upon receipt of an approval for the Drainage Analysis, TxDOT will commence their review of the 95% construction drawings with a consensus of the project letting in October 2020.

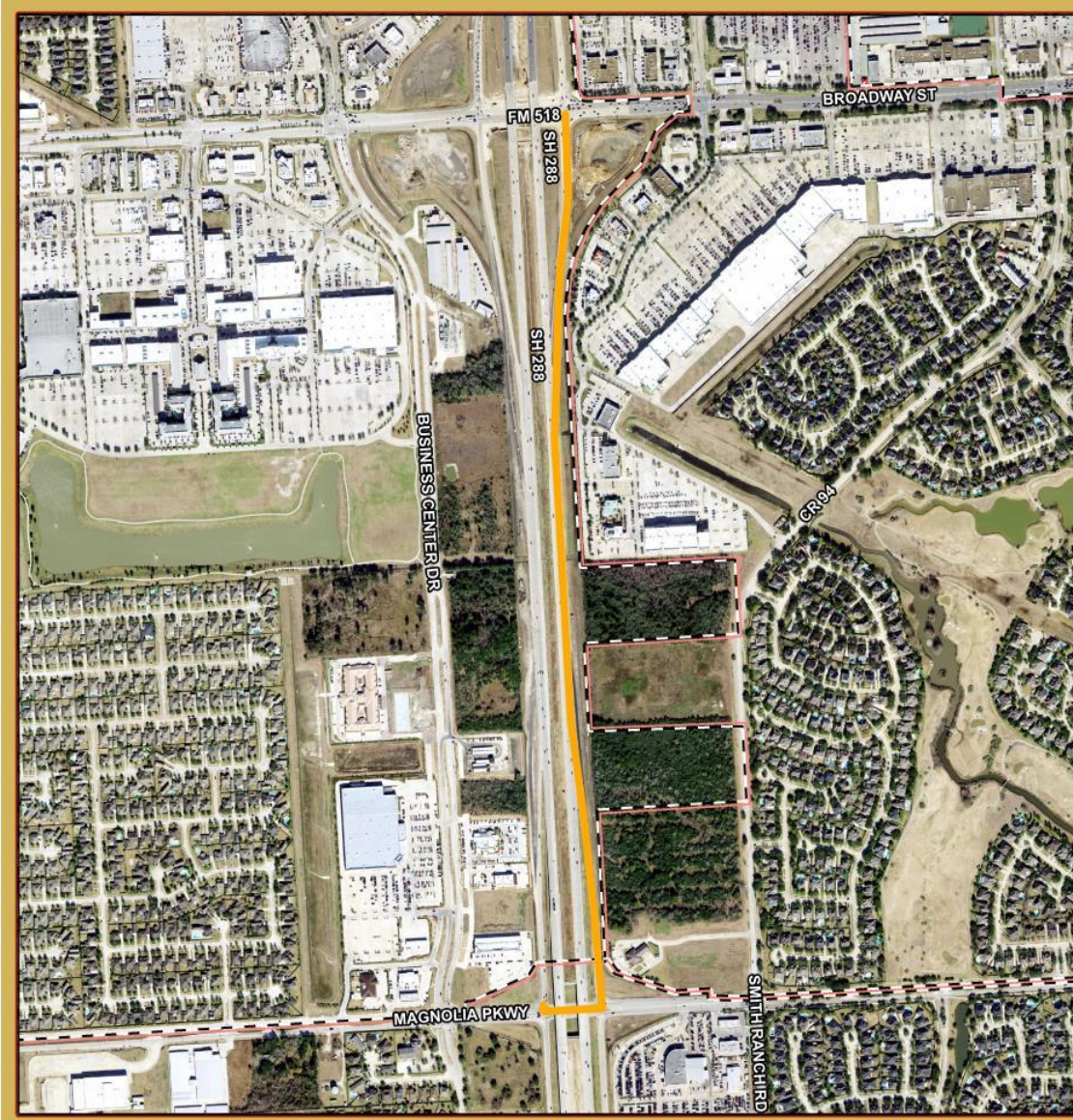
- Staff is also still waiting on the approval of the TxDOT Frontage Road Justification process that also includes three driveway locations to access the properties on the east side of the frontage road. The application is still in the TxDOT Austin office

Upcoming Work Items:




- Staff and consultant will work with TxDOT to coordinate the required 90% utility meeting to ensure remedies for any utility conflict are in place prior to construction.
- Staff and consultant will work with TxDOT to complete and input the project estimate and create associated specifications list within the TxDOTCONNECT system. Launched in early 2019, TxDOTCONNECT is the agency's new, custom-built system for managing the delivery of transportation programs, projects and right of way while providing a platform to standardize data and reporting formats.
- Staff will finalize the land acquisition needed for additional drainage capacity.
- Staff will coordinate with TxDOT on holding a public meeting to inform development/business owner(s) adjacent to the project area of proposed improvements.

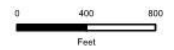
Previous Memos: 03.02.17, 07.26.18, 09.06.18, 08.08.19, 01.09.20

Project Location Map



CITY OF PEARLAND SH 288 Northbound Frontage Rd

-  Project Area
-  City Limits
-  ETJ



This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

MAP PREPARED: MARCH 2020
CITY OF PEARLAND GIS DEPARTMENT