

1/23/2020

To: Mayor and City Council members  
Capital project for intersection Pearland Parkway improvements between McHard and Barry Rose Road. Prepping for bidding in March. Clay



# Pearland Parkway Traffic Improvements

**Scope:** The project scope consists of the installation of a traffic signal and intersection improvements at the intersection of Pearland Parkway and Forest Park Lane/Summit Springs Lane. Directional pedestrian ramps and crosswalks across Pearland Parkway will be included. Left turn bays on the minor-street approaches will be striped. A fiber optic line will be installed from Old Alvin Road to Barry Rose along Pearland Parkway to connect the new signal and the signal at Barry Rose to the Traffic Management System.



**Justification:** Accident reports dating back to 2013 indicated the need for the reduction of uncontrolled left turn movements along the entire corridor. These modifications provide the reduction of unprotected left turn movements and will reduce the number of entering left turns.

**Project Manager:** Fatema Weekly

**Designer:** Alliance Transportation Group, Inc.

**Contractor:** N/A

### Budget Info:

Funding Sources	Series	To Date	Future	Total Budget
General Revenue - Cash				-
Certificates of Obligation				-
Certificates of Obligation				-
General Obligation Bonds	TBS	1,124,000		1,124,000
General Obligation Bonds				-
W/S Revenue Bonds				-
Impact Fee - Debt				-
Other Funding Sources				-
<b>Total Funding Sources</b>		<b>1,124,000</b>	<b>-</b>	<b>1,124,000</b>

Expenditures	To Date	Future	Total
PER			-
Land			-
Design	125,581		125,581
Construction		858,900	858,900
Construction Management/Inspection			-
Construction Materials Testing		15,000	15,000
FF&E			-
<b>Total Expenditures</b>	<b>125,581</b>	<b>873,900</b>	<b>999,481</b>

<b>Project Balance/Contingency</b>			<b>124,519</b>
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**Schedule Info:**

	<i><b>Base Line</b></i>	<i><b>Current</b></i>
<i><b>Design Start</b></i>	July-19	July-19
<i><b>Bid Start</b></i>	December-19	March-20
<i><b>Construction Start</b></i>	May-20	
<i><b>Proposed Construction Completion</b></i>	April-21	

**Rain Days: N/A**

**Highlights:**

- Per the project schedule, staff received 90% design plans, specifications and opinion of probable construction costs; comments were returned to the design engineer December 12, 2019.
- The Engineer’s Opinion of Probable cost at 90% show the project currently remains within budget.
- Scope of work includes the installation of a new traffic signal and intersection improvements along with a fiber optic interconnect from Old Alvin Road to Barry Rose along Pearland Parkway to connect the new signal and the signal at Barry Rose to the Traffic Management System.
- Consultant has continued coordination with CenterPoint Energy to identify a suitable power source location for the proposed traffic signal.

**Upcoming Work Items:**

- Design Engineer will finalize construction documents based upon Staff 90% comments.
- The consultant will finalize coordination with utility companies.
- A Technical Review Committee (TRC) to review final project plans by the City Engineer has been scheduled for January 23, 2020. Final PS&E documents are anticipated February 14, 2020.
- Bid Phase services are expected to commence the week of February 17<sup>th</sup> with the project being advertised to the public.

**Previous Memos:** 6/20/19, 10/31/19

**Project Location:**

**VICINITY MAP**



**Legend/Notes**

Addresses



1:1,492  
1 inch = 124 feet



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MSP PREPARED: OCTOBER 26, 2019