



14 January 2021
 To: Mayor and City Council members
 Investment in existing neighborhoods to totally reconstruct streets and water, storm infrastructure. Construction pictures included. Setting for May `21 completion, going well. Clay

Street Reconstruction (Linwood Oaks & Orange Circle)

Is It In Budget?		Is It On Schedule?		Community Benefit
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<i>Improves Quality of Streets for Residents of the Community</i>
Project Phase?				
Construction				

Highlights:

- Storm sewer inlets have been reconstructed and connected to existing storm system at Plum Street on Briar Circle, Linwood Oaks and Yupon Circle.
- Storm sewer inlets have been replaced on Orange Circle North and Orange Circle South.
- Water lines have been replaced and connected on Orange Circle North and Orange Circle South.
- Street paving on Briar Circle has been completed.
- The inner portion of paving has been replaced on West Linwood Oaks and East Linwood Oaks.
- The Eastern portion of Linwood Oaks paving has been replaced.
- The Inner portion of paving has been removed, paving subbase has been installed and compacted and is currently being formed to be poured at Orange Circle North and South.

Water line conflicts with the storm water system has resulted in water line offsets in order to make connections to the storm water system. Briar, Linwood Oaks and Yupon Circle have all had to have these offsets made to the water system. The associated costs of the offsets have stayed within project budget and were included in the bid contingencies during design and bidding phases. **The City of Pearland Public Works Departments of Water Production and Distribution and Collections have worked with the contractor exceptionally well in order to make these connections as fast and easy as possible, with little interruption of services to residents.**

Budget Info:

Street:

Funding Sources	Series	To Date	Future	Total Budget
General Revenue - Cash				-
Certificates of Obligation				-
General Obligation Bonds	TBS 2021	2,230,000		2,230,000
General Obligation Bonds				-
W/S Revenue Bonds				-
Impact Fee - Debt				-
Other Funding Sources				-
Total Funding Sources		2,230,000	-	2,230,000
Expenditures		To Date	Future	Total
PER				-
Land				-
Design		207,170		207,170
Construction		1,391,485		1,391,485
Construction Management/Inspection				-
Construction Materials Testing		53,597		53,597



FF&E		-
Total Expenditures	1,652,252	-
Project Balance/Contingency		577,749

Water:

Funding Sources	Series	To Date	Future	Total Budget
General Revenue - Cash				-
Certificates of Obligation				-
Certificates of Obligation				-
General Obligation Bonds				-
System Revenue - Cash		320,000		320,000
W/S Revenue Bonds				-
Impact Fee - Debt				-
Other Funding Sources				-
Total Funding Sources		320,000	-	320,000

Expenditures	To Date	Future	Total
PER			-
Land			-
Design	27,635		27,635
Construction	118,181		118,181
Construction Management/Inspection			-
Construction Materials Testing	3,328		3,328
FF&E			-
Total Expenditures	149,144	-	149,144

Project Balance/Contingency	170,856
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Schedule Info:

	<i>Base Line</i>	<i>Current</i>
Design Start	August-19	August-19
Bid Start	June-20	July-20
Construction Start	October-20	November-20
Proposed Construction Completion	May-21	

Rain Days: 0

Upcoming Work Items:

- Completion of paving at Linwood Oaks, Yupon Circle and Orange Street North and South.
- Existing yards drains to be reconnected and formed into curbs.
- Curbs to be formed and poured on Briar Circle, Linwood Oaks, Yupon Circle and Orange Street North and South.
- Curbs to be backfilled and residents' yards to be graded to meet top of curbs.

Project Manager: Darcy Gomez

Construction Manager: Michael Collins



Designer: AARK Engineers

Contractor: PRV Services

Scope: The streets within Linwood Oaks subdivision designated for improvement are Briar Circle, Linwood Oaks, and Yupon Circle. This project involves reconstructing these streets with new 6" thick concrete curb & gutter pavement and includes the reconstruction of existing storm sewer inlets at Plum Street. Orange Circle is planned to be reconstructed with new 6" thick concrete curb & gutter pavement and includes the reconstruction of existing storm water inlets on Orange Circle North and Orange Circle South. This project also includes the replacement of 1000-feet of existing water lines on Orange Circle and approximately 700 feet of water line on Mykawa Road between Orange Street and Orange Circle.

Justification: In 2015 the City Council was presented with results of the Rights of Way Assessment Program Study which showed the current pavement condition index (PCI) rating score to be at 76/100. To maintain the current score of 76 an annual investment of \$3.75 million (2014 dollars). This recurring portion of the pavement program will focus on the reconstruction of the streets identified in the Assessment as requiring reconstruction. The other portion of the program will focus on the maintenance of streets through the operating budget. Replacement of the waterline is required due to the reconstruction of the street and utilities being located in close proximity to the pavement. Additionally, the existing waterline is transite pipe and due to age will be replaced with PVC pipe.

Previous Memos: 12.19.19, 03.05.20, 05.28.20, 09.10.20



Project Location Map:

VICINITY MAP



Legend/Notes

□ Parcels

Linwood Oaks



1:4,800

1 inch = 400 feet



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

MAP PREPARED: DECEMBER 17, 2019



VICINITY MAP



Legend/Notes

Parcels

Orange Circle



1:2,400

1 inch = 200 feet



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MAP PREPARED: DECEMBER 17, 2019



Installation of Storm Sewer at Yupon Circle



Freshly Poured Paving at Linwood Oaks



Connection of 6" water line on Orange Circle



Removal of Paving on Orange Circle South



Compaction of Subbase on Orange Circle



Removal of Old Base Material and Compaction of New Base Material