



15 October 2020
 To: Mayor and City Council members
 Three elements of upgrade to lift station nearing completion by calendar year end. Clay

Mykawa Lift Stations

Is It On 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>Example</i> - Improves Mobility; Renews Sewer Infrastructure

Highlights: Since the last project update the contractor, Black Castle, has completed the following on Package 2:

- Finished modifying the staircase and railings on the Scott/Mykawa Lift Station. This will provide a safe walkway up the elevated platform without the Control Panel blocking the passageway.
- Drainage Swale was completed on Scott Lane.
- Continued grass seeding on Orange Street.
- Removed pipe plugs in influent lines in order to receive water on the lift station.
- Installed power poles for the transformers on Orange Street and Scott Lane.
- Power inspection was completed on September 25, 2020 for the Orange/Mykawa LS.
- City has submitted request for a Move-In Order to provide power to the Orange/Mykawa Lift Station.
- Electrical service rack was delivered on September 28, 2020 for the Scott/Mykawa LS.
- Change Order #3 was created to add additional days to the original contract due to, weather, Service Rack color confirmation for the Scott Street LS, and permit activation for Centerpoint.

Budget Info:

Funding Sources	Series	To Date	Future	Total Budget
General Revenue - Cash				-
Certificates of Obligation				-
Certificates of Obligation				-
W/S Revenue Bonds	2017	795,000		795,000
W/S Revenue Bonds	2018	5,551,620		5,551,620
W/S Revenue Bonds				-
Impact Fee - Debt				-
Other Funding Sources		898,421		898,421
Total Funding Sources		7,245,041	-	7,245,041
Expenditures		To Date	Future	Total
PER		93,712		93,712
Land		90,026		90,026
Design		554,113		554,113
Construction		5,569,162		5,569,162
Construction Management/Inspection				-
Construction Materials Testing		53,000		53,000
FF&E				-
Total Expenditures		6,360,013	-	6,360,013
Project Balance/Contingency				885,028



Schedule Info:

	Base Line	Current
Design Start	May-16	May-16
Bid Start	August-17	April-19
Construction Start - Package 1	July-19	August-19
Construction Completion - Package 1	February-20	December-19
Construction Start - Package 2	July-19	September-19
Proposed Construction Completion - Package 2	September-20	October-20
Construction Start - Package 3	July-19	August-19
Construction Completion - Package 3	March-20	May-20

Rain Days: 25

Upcoming Work Items:

- The start-up and check out will begin once power is connected at the Orange/Mykawa Lift Station.
- A final connection manhole at an abandoned lift station is being reconfigured due to the close proximity of other utilities near the work. The work will not impact the overall project progress and any cost implications will be evaluated as the work is progressing.
- Blackcastle schedule for substantial completion is late October or early November depending on power being provided by Centerpoint to the Orange/Mykawa Lift Stations.

Project Manager: Darcy Gomez

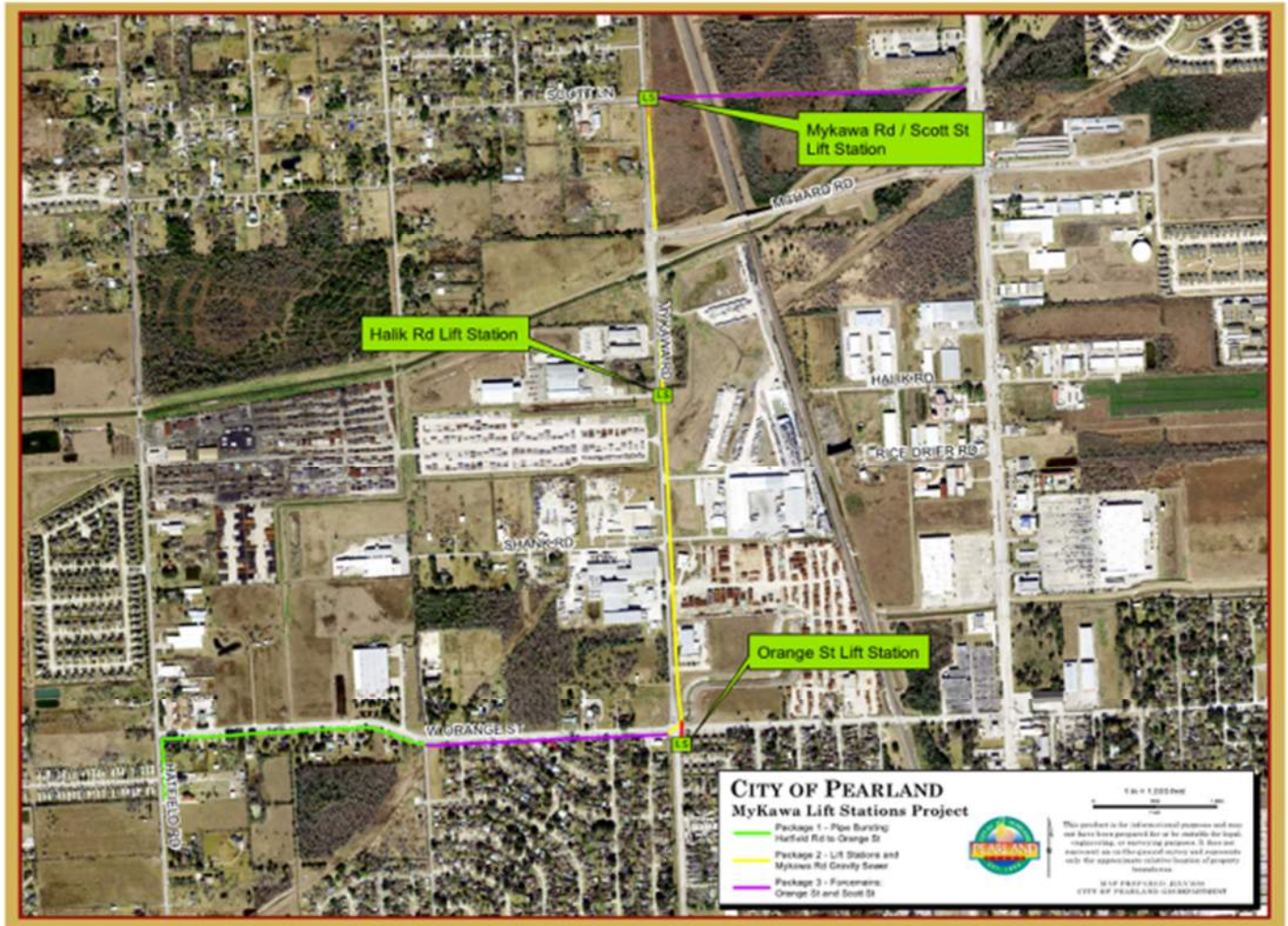
Designer: 5Engineering, LLC

Contractor: (Package 1&3)- Nerie Construction, LLC (Construction Completed)

(Package 2) – Black Castle General Contractor



Project Location Map:



Scope: Project includes installation of 18” gravity sewer on Hatfield Rd: the replacement and relocation of the Orange-Mykawa Lift Station to the ROW adjacent to Town Ditch to be served with the installation of a 12” gravity sewer line~3,400 LF along Mykawa from Orange to Walnut, and 8” force main from Mykawa west 2500 LF to Hatfield Rd; abandonment Shank Street Lift Station; replacement and relocation of Mykawa-Scott Lift Station, installation of new 8-inch force main for approximately 2,500 LF from Mykawa to SH35, and new 8-12-inch gravity line approximately 3,450 LF along Mykawa from Scott to Shank. Project will be coordinated with Mykawa Road construction.

Justification: Orange-Mykawa Lift Station will require a major rehabilitation within the next five years and is poorly located for servicing the area. The project will eliminate an existing inverted siphon in a gravity line and relocate the Orange-Mykawa Lift Station. In addition, the project will eliminate the Shank Street Lift Station and relocate the Scott Street Lift Station presently in conflict with the future Mykawa Road Widening.

Previous Memos: 01/26/17;04/27/16;02/02/17;09/21/17;02/15/18;06/27/19;07/03/19;11/07/19;05/21/2020; 07/23/2020



Package 2 -New Stair Case on Scott/Mykawa LS



Package 2- New Discharge Piping



Package 2 - Orange/ Mykawa New Generator



Package 2 - Orange/Mykawa LS Enclosure



Package 2 – Electrical and Gas lines near MH A-1