


ENGINEER'S STATUS REPORT
HARRIS COUNTY FRESH WATER SUPPLY DISTRICT No. 61
August 26, 2020



Prepared by William G. Rosenbaum, P.E. #45894
Lockwood, Andrews & Newnam, Inc., TBPE Firm #F-2614

A. Design – Construction Projects

1. Water, Sanitary and Lift Station Relocations: Eldridge Parkway at FM 1960 (12094) –
TxDOT is proposing to widen all four approaches of the N. Eldridge Parkway / FM 1960 intersection. TxDOT is acquiring additional Right-of-Way (ROW) adjacent to the existing ROW. Any existing utilities under the proposed pavement sections must be relocated. The District has many existing water lines and sanitary sewer lines located either within the existing street ROWs or within easements adjacent to the ROWs. The District's water & sanitary sewer relocation plans are complete. New easements are being proposed and some won't meet the City of Houston requirements without a variance being granted. We met with Ms. Kathlee Bullock, PhD, P. E., Assistant Director of Public Works for the City of Houston and per her direction and have resubmitted the plans.

Current TxDOT Schedule:

Letting (Advertising) Date: **August 2020**
Notice to Proceed: **October 2020**
Actual Construction Start: **January 2021**

<u>Remaining Tasks</u>	<u>Date</u>	<u>Status</u>
Receive Easement Value from Appraisers	8/14/2020	Comp
Receive Legal Fees from Smith, Murdaugh	8/14/2020	
Submit Draft Reimbursement Agreement to TxDOT	8/24/2020	See Draft
Submit plans to Review Agencies	8/18/2020	
Easements granted & recorded, take possession	Nov 2020	
After easements are obtained, submit plans for approval	Nov 2020	
Receive City of Houston Approval of Plans	Nov 2020	
Receive Construction Bids	Oct 2020	
Award Construction Contract	Nov 2020	
Submit Final Reimbursement Agreement to TxDOT		
Start Construction	Nov 2020	
Complete Construction	Mar 2021	

2. Sanitary Sewer Phase 7 & 9 Rehabilitation (12169) (BI 18) –The contractor is King Solution Services. The Notice to Proceed was issued on 5/25/20 and the work is underway. Pay Application 2 was approved at the 8/12/20 Board meeting.
3. WWTP No. 2 (Hastings Green) Lift Station Rehabilitation (12176) – The Preliminary Engineering Report was presented to the Board at the 2/12/20 meeting. The rehab plans will be prepared for a Fall 2020 Bidding Schedule.

4. WWTP No. 1 (Barwood) Lift Station & Remaining District Lift Stations – The Preliminary Engineering Report was presented to the Board at the 2/19/20 meeting.

B. Construction Warranty Status

<u>Inspection</u>	<u>Expiration</u>	<u>Project</u>
5/10/20	7/10/20	Sanitary Sewer 4 & 5 Rehabilitation (12021) MH's repairs being scheduled
12/12/20	2/12/21	Sanitary Sewer 6 Television (12049)
5/8/21	7/8/21	Wortham Falls DP Imp. (12188)
5/15/21	7/15/21	WP 3 & Aerial WL Crossings Recoating (12134)

C. Permit / Plan Status

1. America's Water Infrastructure Act (AWIA) of 2018 – Risk and Resilience Assessment due 6/30/21, Emergency Response Plan due 12/30/21
2. Barwood WWTP No. 1 – TPDES Discharge Permit 10876-001
Issued: 7/18/2017 Expires: **3/1/2022** Start permit renewal on **3/1/2021**
3. Barwood WWTP #1 - Storm Water Pollution Prevention Permit (SWPPP)
Issued: 8/14/2016 Expires: **8/14/2021** Start permit renewal on **8/14/2020**
Submit by 2/14/2021
4. Hastings Green WWTP No. 2 - TPDES Permit No. 10876-002
Issued: 7/6/2017 Expires: **3/1/2022** Start permit renewal on **3/1/2021**
5. Hastings Green WWTP No. 2 - Storm Water Pollution Prevention Permit (SWPPP)
Issued: 8/14/16 Expires: **8/14/2021** Start permit renewal on **8/14/2020**
Submit by 2/14/2021
6. Water Conservation Plan (WCP)
Next Plan Update due: **5/1/2024**
7. Drought Contingency Plan (DCP)
Next Plan Update due: **5/1/2024**
8. TCEQ Emergency Preparedness Plan
Approved by TCEQ: 4/26/10, submitted to the County Judge, Public Utility Commission, Texas Department of Emergency Management and the Harris County Office of Emergency Management.

D. Miscellaneous Projects

1. Buildout Projections & System Capacity – We are conducting an Alternative Capacity Study to determine the maximum number of connections that the water system can service.
2. Magellan Pipeline Easement – Assigned 8/9/18.
3. NHCRWA – Phase II Water Distribution Route Study is underway by the Authority. #61 Staff and LAN have reviewed the preliminary connection plans and met with the NHCRWA Consultant. After a meeting with the NHCRWA General Manager & Program Manager, the #61 General Manager & Engineer, the Authority has agreed to extend a water transmission line to #61 Water Plant 3.
4. Capital Improvement Plan (CIP) – Updated and presented at the 2/19/20 meeting.
5. Bond Issue 18 – Projects underway.
6. Bond Issue 19 – Received by the TCEQ, declared administratively complete on 7/13/20 and assigned to a reviewer. **The 45-day review period would end 8/28/20.**

E. Utility Commitments / Site Plan Reviews / Utility Requests

1. Tract 4C-1, 0.9642 acres, 3,530 SF Retail – Requested service to 1 ESFC on 2/5/20.
2. Tract 4N2 – 0 Glenora, 3.1077 acres proposed townhomes – On 5/29/19 requested utility info from Eric Lien with Mission Engineering, acting as agent for the owner. Previous contact info was the Developer is Drew Patel Development, engineer was J. L. Trevino.
3. Tract 8A6 – SE Corner of Huffmeister Road and White Oak Landing – Owner is NTV Group, designer is J.L. Trevino. Requesting utility capacity for 2 shell retail buildings, 11,925 SF of retail space, 1,089 gpd Water and 838 gpd Wastewater.
4. Tract 11B – Michoacani Meat Market & Shopping Center - 13867 Cypress N Houston, just west of Cypress Junction Shopping Center. 11,000 SF Meat Market & 4,000 SF Shopping Center, 13.5 ESFC, 5,528 gpd Water and 4,253 gpd Wastewater.
5. Tract 17I - NW corner Huffmeister & Birdcall - proposed Gas Station, Retail Center and Convenience Store. Vantani Consulting Engineers, Prasad Maragani, P.E.
6. Tract 17K3 – SE corner of Birdcall & Huffmeister Road, proposed 240-unit apartment complex. Utility commitment requested by Johnathan Rosen with The Interfin Companies on 5/17/19.
7. Tract 19C4 - 3.263 ac Business Park (9 Buildings) located on east side of Huffmeister just north of Tuckerton – Proposed 40,000 SF business pa buildings, 13.4 ESFC, 5,487 gpd Water, 4,221 gpd wastewater, Refugio Trejo, P.E. design engineer, Owner is Plaza On Huffmeister, LP.

8. Tract 19E – Industrial Business Park – A 108,280 SF Office/Warehouse Building is proposed within #61 requiring 16.9 ESFC or 5,492 gpd of water service from #61. A 92,800 SF & 66,980 SF building are proposed within HCMUD #188.
9. Tract 25A-C (NW corner of FM 1960 & Jones Road) - Wingfield Partners, potential redevelopment of Bank Tract and relocation of detention pond. Tract 25A Proposed Fast Food Restaurant requesting Utility Capacity Letter, Ray Alcala w/ Jones & Carter Engineers. Reviewed plans and sent comments.
10. Tract 36F - 1.5628 acres south of Foxburo Drive & east side N. Eldridge Parkway - Plaza North Eldridge LLC is the owner and on 2/22/18 they requested 2,500 gpd capacity for a 17,032 SF Retail Center.

F. Potential Annexations

No current activity