Capital Improvement Program Briefing

October 16, 2019
NHCRWA Overview

- Created by legislation (HB 2965) in June 1999 and confirmed by voters in January 2000.
- Service Area: ~ 335 square miles
- Population: ~ 710,000
- No taxing authority. Costs are paid for by fees.
Regional Water Supply Projects

- Luce Bayou Interbasin Transfer Project – Raw water supply transfer from Trinity River to Lake Houston

- Northeast Water Purification Plant (NEWPP) Expansion -- Treated water supply from Lake Houston

- Transmission Lines from NEWPP

- Internal Distribution Systems
NHCRWA Distribution System

- Approximately 180,000 LF of pipes
- Multi-phased approach: Permit year 2021 - 2025
- Size varies from 12-inch to 84-inch
- Estimated cost is $320M
Update on Major Activities – Projects 28A through 28F
**Project 28A** – Joint project(s) with Harris County Pct 3 and Pct 4.

- 6,147 LF of 54” WL construction is complete.
- Awaiting true-up and contract close-out with Harris County.
Project 28B – At 100% final design. ~ 9,400 LF of 54” and 60” along Grant Rd.
  o Working on submittal/approvals from TWDB and other agencies.
  o Requires +/- 16 parcels which are currently in acquisition phase.
  o Estimated $9.1 million. To advertise for bid in November 2019
**Project 28C** – In final design. ~ 9,400 LF 60” along Mills Road

- Working towards 100% submittal and approvals from TWDB and other agencies.
- Requires +/- 28 parcels currently in acquisition phase.
- Estimated $17.8 million. To advertise for bid in March 2020.
**Project 28D** – In Final Design. ~ 11,300 LF of 60” & 350 LF of 84”

- Working towards 100% submittal and approvals from TWDB and other agencies.
- Requires +/- 23 parcels.
- Estimated $17.4 million. To advertise for bid in January 2020.
Projects 28E – In Final Design. ~ 8,800 LF of 12” & 16”

- Working towards 100% plan submittal.
- Requires +/- 30 parcels. In acquisition process.
Project 28F – In Final Design ~ 17,000 LF of 12” & 16”

- Working towards 100% plan submittal.
- Requires +/- 20 parcels.
- Estimated $7.1 million. To advertise for bid in October 2019.
• **Project 25 and 28G** – Transmission Lines
  
  – Currently scheduled to advertise for bid in late summer and fall of 2020.
  – To be in service Not Later Than June 2022.

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**Project 28G**

~ Engineering Underway

~ Approximately 4,000 LF of 84” WL.

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**Projects 25A thru 25D**

~ Final Design Underway

~ Approximately 7.5 miles 84” WL in 4 Segments.

~ Requires Approximately 13 Easements. Acquisition in progress.
Project 24 – SH249 Regional Pump Station

Engineering Underway

Multiple Construction Packages

Scheduled to be advertised for bid in Summer 2020.

To be in service Not Later Than June 2022
Planning Level Projects

Project 31  (Second Loop)
- ~ 14+ miles of 12” to 48”
- Multi-segmented / Multi-phased

Project 6C-1
- ~ 4,470 LF of 16”
- Connection to Faulkey Gully MUD

Project 6C-2
- ~ 6,500 LF of 16”
- Connection to NWHCMUD 5

Project 7D-1
- ~ 5,920 LF of 16” & 30”
- Connection to NWHCMUD 32

Project 25E – Planning / Route Study Underway
- ~ 10,450 LF of 36”
- Interconnect NETL and SRRPS
Questions?