



HOUSTON PUBLIC WORKS
CAPITAL PROJECTS

Magnolia Point Unserved Areas Sanitary Sewer Services Project Informational Meeting

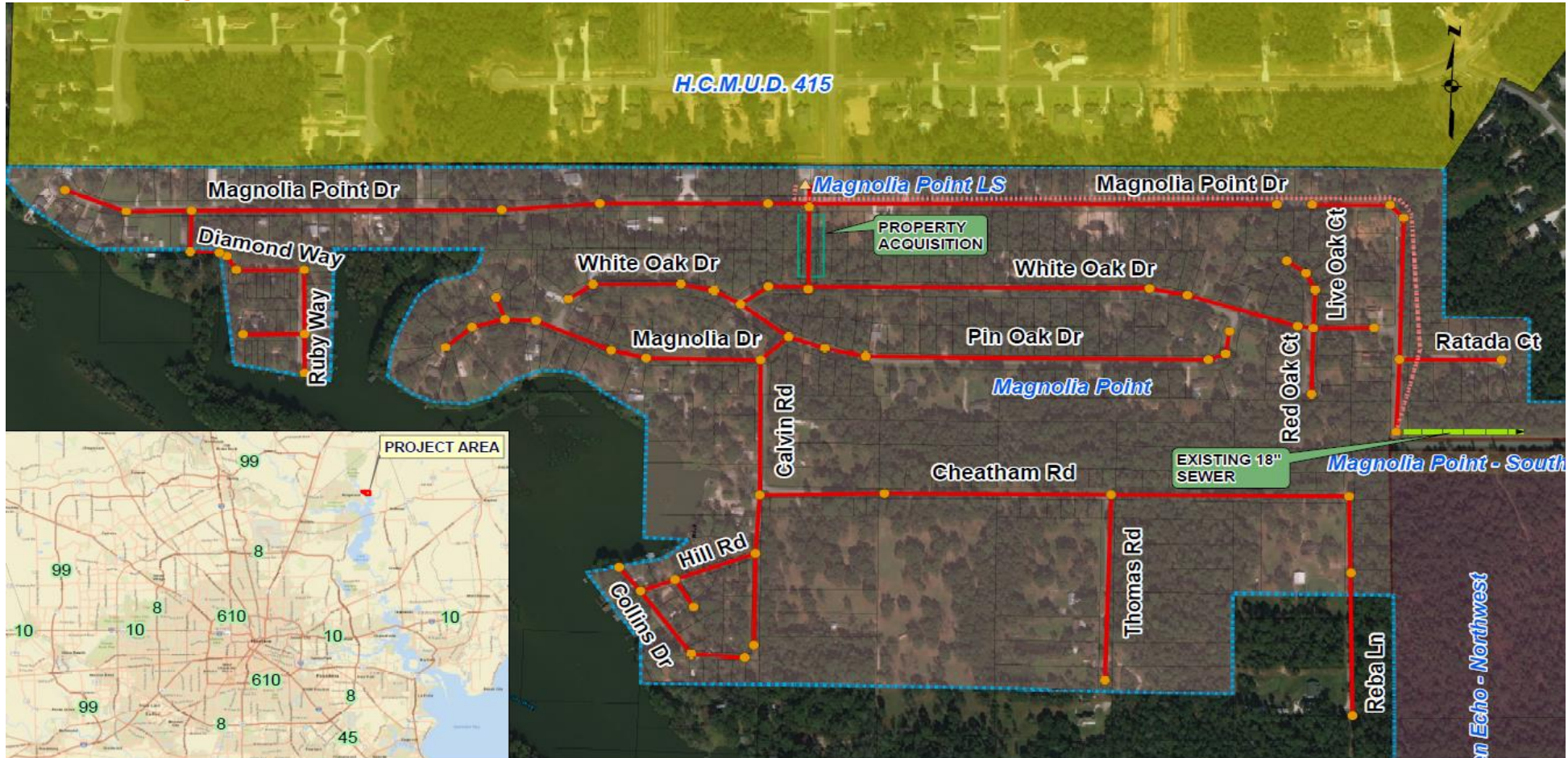
Nooreen Jilani, P.E. | Project No. R-000801-0015-3 |








Magnolia Point Unserved Areas Sanitary Sewer Services Project Overview

- Install new sanitary sewer collection system within Magnolia Point Subdivision
- Connect to recently constructed Magnolia Point Lift Station
- Restore pavement on areas impacted by construction

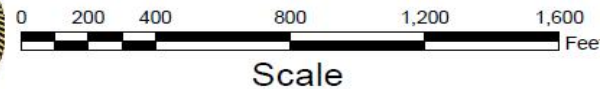
Magnolia Point Unserved Areas Sanitary Sewer Services

Overall Project Map



- Legend**
-  Lift Station
 -  Prop Sanitary Sewer
 -  H.C.M.U.D. 415
 -  Service Area Boundary
 -  Property Acquisition
 -  Parcels
 -  Forcemain

Magnolia Point Sanitary Sewer



Magnolia Point Unserved Areas Sanitary Sewer Services

Project Justification

- **Legislative Compliance:** Texas House Bill 2714 (The Bailey Bill) requires municipalities to provide water and/or sanitary sewer services to all developed areas within the municipalities corporate limits.
- **City Ordinance Sec 47-11:** Requires connections to public sewers. All owners of real property having a building or structure thereon shall ascertain the availability of city sewer service for the owner's property. (this mandate is only applicable for sewer connection, homeowners are allowed to keep their water wells)
- **Environmental Compliance:** project area lies within the Lake Houston Watershed. The use of private septic systems and holding tanks represents a potential for contamination of the drinking water supply. Sanitary sewer service will eliminate existing septic tanks and holding tanks.

Sewer Tie-In Process

Step 1. City Notification to Residents

City will send notice to residents after construction is complete.

Step 2. Residents Responsibility

Residents have 60 days after notification from the City to apply for a sewer tap permit and pay any fee to the City for the permit including sewer impact fees if applicable. Residents can have impact fee reviewed for possible waiver. The sewer tap permit is valid for six months.

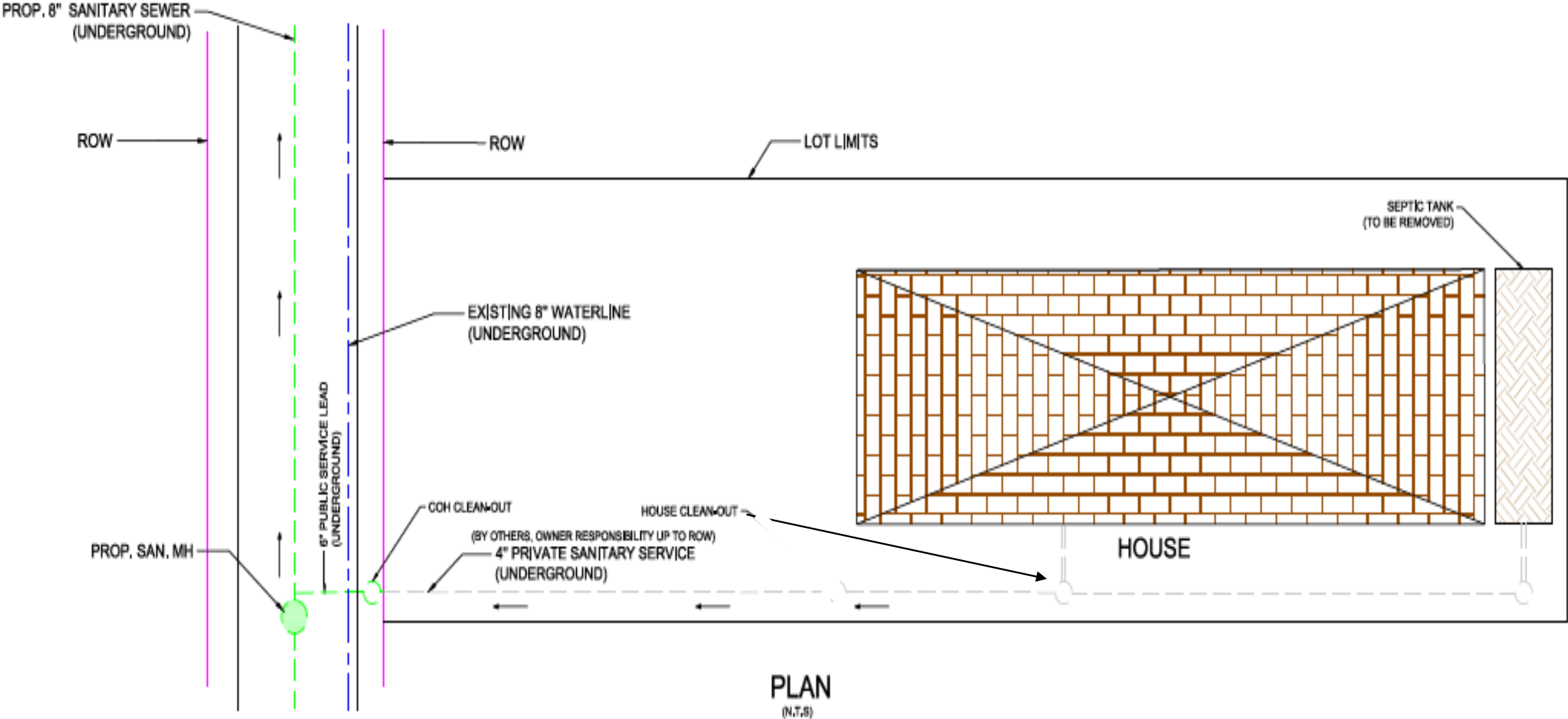
Resident hires licensed plumber to acquire permits, build the homeowner's portion of the sewer and abandon the septic system as per TCEQ requirements and finally connecting to the new city sewer line.

Disconnection from Septic Tank – City Inspection(TCEQ required) – Connection to the new city sewer is done same day to avoid any discontinuation in the service.

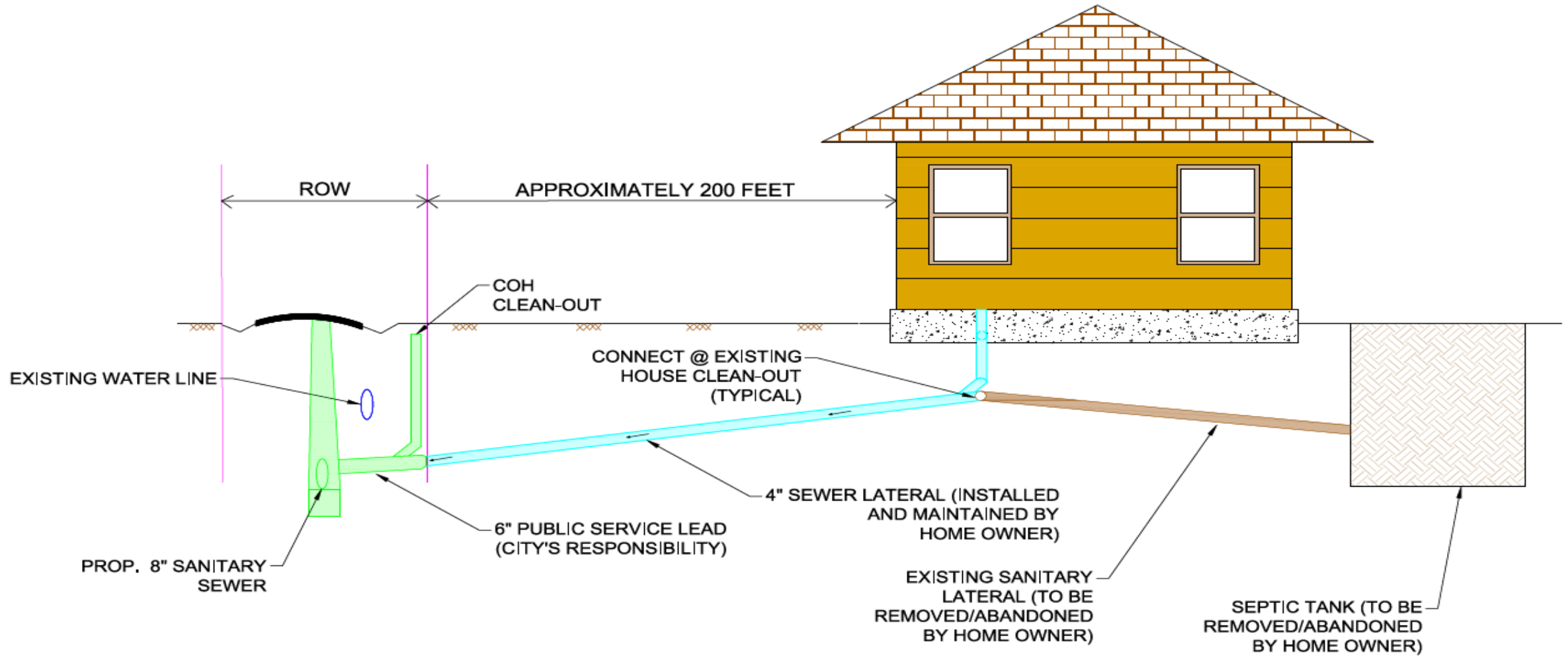
Step 3. Actions Taken due to Non-Compliance to the Tie-In Deadlines

Water service to the property may be terminated after notice and the opportunity for an administrative hearing as provided in Section 47-70 of City of Houston Code of Ordinances. A citation may be issued with a fine of up to \$2000.00 per day.

Typical Sewer Connection Plan View



TYPICAL SEWER LINE CONNECTION



NOTE: SEWER LINE CONNECTIONS LOCATION AND LENGTH MAY VARY FROM HOUSE TO HOUSE

PROFILE
(N.T.S)

LEGEND:

- CITY OF HOUSTON RESPONSIBILITY
- HOMEOWNER RESPONSIBILITY
- EXISTING LINE TO SEPTIC TANK

Magnolia Point Unserved Areas Sanitary Sewer Services

Approximate Connection Cost to Each Resident

1. Approximate resident cost of connection from home clean out to City Right-of-Way is \$28 to \$ 35 per LF (assume 200 linear feet (LF) at \$28 per LF for 4" line and incidentals) : \$ 5,600.00
2. Resident Permit for Connection to City ROW connection stub-out : \$ 300.00.
3. Approximate resident cost of septic tank disconnect and Abandonment/Removal. Must comply with TCEQ requirements (assume 1 septic tank per resident) : Ranges from \$ 1500.00 (for abandonment) to \$ 6,500.00 (for removal)

Approximate Total Cost to Residents Ranges from \$ 7400.00 to \$ 12,400.00

Magnolia Point Unserved Areas Sanitary Sewer Services Timeline



****Timeline subject to change.***

Magnolia Point Unserved Areas Sanitary Sewer Services

Contact Information

PROJECT NAME	Magnolia Point Unserved Areas Sanitary Sewer Services
PROJECT NUMBER	R-000801-0015-3
TYPE OF PROJECT DRAINAGE COMPLETE STREET MOBILITY WATER WASTEWATER	New Sanitary Sewer Line
COUNCIL DISTRICT	District E
PROJECT CONTACT	Nooreen Jilani, P.E.
CONTACT EMAIL	Nooreen.Jilani@houstontx.gov
SECONDARY CONTACT EMAIL	Info.rebuildhouston@houstontx.gov

Magnolia Point Unserved Areas Sanitary Sewer Services Project

Thank You!

***For Further Questions & Rate Information Please Visit
Following Websites:***

https://drive.google.com/file/d/1R6YSUBQcVwx0Ry_4ycuGej3i5v_WJrOF/view

<https://www.publicworks.houstontx.gov/pds/impact-fee-administration.html>

Sanitary Sewer Improvements

Overall Proposed Components:

- Install new sanitary sewer collection system within Magnolia Point Subdivision.
- Approximately 22,000 LF of 8-inch, 10-inch, 12-inch, 15-inch gravity
- Approximately 34,000 LF of 6-inch leads to ROW
- Connect to recently constructed Magnolia Point Lift station
- Paving repair improvements for sewer installation
- Anticipated Construction Cost = \$10.5 M

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