

4235-105

18





CITY OF HOUSTON  
HOUSTON PUBLIC WORKS  
WASTEWATER OPERATIONS BRANCH

No. 18

WORK ORDER

Wastewater Collection System Rehabilitation and Renewal  
Contract No. 4600014842  
Wastewater File No. 4235-105 WBS No. R-000266-0273-4

Date: September 10, 2019	Work Order Number: 18
Contractor: T. Construction, LLC	Maintenance Quadrant: SW
Council District: C	P-Map No.: P3714
Subdivision: Braeswood	Key Map No.: 532G,L

As of this date, you are hereby instructed and authorized to perform the work outlined below. Said work is to be performed and accomplished in accordance with the specifications set forth in City Outline Agreement No. 4600014842. Further guidance and instructions are contained in attached map(s)/drawing(s), which are hereby made a part of this work order. Any questions regarding this work order should be directed to Mr. Raghavender Nednur or Mr. David Tajadod.

Project Location: Sanitary sewers in street right-of-way, side and/or backlot easements generally bounded by Maroneal Street, Kirby Drive, and Main Street in Basins SW204 and AS034.

Description of Work:

1. Install an 8.625 inch outside diameter polyethylene liner in the existing 6-inch sanitary sewer by method of pipe bursting; and other work described below, between the following manholes:

IMS W.O. NO.	Upstream Manhole No.	Downstream Manhole No.	Diameter (inches)	Approx. Length (feet)	Other Work Description
13435312	SW204033	SW204032	6	237	CTV
13435313	SW204040	SW204039	6	165	CTV
Total Length				402 feet	

2. Install an 8.625 inch outside diameter polyethylene liner in the existing 8-inch sanitary sewer by method of pipe bursting; and other work described below, between the following manholes:

IMS W.O. NO.	Upstream Manhole No.	Downstream Manhole No.	Diameter (inches)	Approx. Length (feet)	Other Work Description
13443843	AS034033	AS034032	8	27	CTV
13443844	AS034034	AS034033	8	133	CTV
13443845	AS034036	AS034035	8	314	CTV
13443846	AS034039	AS034029	8	326	CTV
13443847	AS034040	AS034039	8	152	CTV
13443848	AS034041	AS034040	8	217	CTV

DISTRIBUTION:

- ☐ Contractor
- ☐ Construction Management Group
- ☐ Mike Cook, P.E. - TWDB
- ☐ CSO Project File
- ☐ \_\_\_\_\_

ISSUED BY: CITY OF HOUSTON

*Raghavender Rao*  
Raghavender Nednur, P.E. 09/10/2019  
Managing Engineer  
Collection Systems Operations  
Wastewater Operations Branch



**CITY OF HOUSTON  
HOUSTON PUBLIC WORKS  
WASTEWATER OPERATIONS BRANCH**

No. 18

**WORK ORDER**

Wastewater Collection System Rehabilitation Renewal  
Contract No. 4600014842  
Wastewater File No. 4235-105 WBS No. R-000266-0273-4

13443849	AS034042	AS034039	8	167	CTV
13443850	AS034043	AS034042	8	430	CTV / See Note 4
13443851	AS034044	AS034043	8	122	CTV
13435314	SW204057A	SW204056	8	68	CTV
13435310	SW204032	SW204031	8	556	CTV
13435309	SW204031	SW204030	8	426	CTV
13435308	SW204018	SW204017	8	368	CTV
13435307	SW204017	SW204016	8	20	CTV
13435306	SW204016	SW204015	8	360	CTV
13435305	SW204015	SW204014	8	364	CTV
<b>Total Length</b>				<b>4,050 feet</b>	

3. Install an 12.750 inch outside diameter polyethylene liner in the existing 12-inch sanitary sewer by method of pipe bursting; and other work described below, between the following manholes:

IMS W.O. NO.	Upstream Manhole No.	Downstream Manhole No.	Diameter (inches)	Approx. Length (feet)	Other Work Description
13443852	AS034029	AS034025	12	235	CTV
13443853	AS034031	AS034029	12	160	CTV
13443854	AS034032	AS034031	12	40	CTV
13443855	AS034035	AS034032	12	435	CTV
<b>Total Length</b>				<b>870 feet</b>	

4. Due to current ongoing maintenance issue, contractor shall prioritize pipe rehabilitation on this vicinity.
5. Contractor shall evaluate the site condition before pipe rehabilitation. Should pneumatic pipe bursting not be applicable due to constructability, the alternate method of pipe rehabilitation such as static pipe bursting is permitted.
6. The sanitary sewers listed for CTV (survey cleaning and television) under 'Other Work Description' shall have to be CTV'd and the video submitted. Upon approval by the City Engineer the Contractor shall perform the required rehabilitation.
7. Point Repair or Obstruction Removal shall be performed, as needed, for sanitary sewers with Eliminate Sag/Eliminate Drop Joint listed under 'Other Work Description'.
8. All service lines shall be replaced up to the right-of-way and a cleanout shall be installed at the right-of-way (both curb & gutter streets and asphalt streets with bar ditches). City Engineer has the authority to make changes depending on site conditions.
9. Manhole rehabilitation should be completed within two (2) weeks after the sanitary sewer are rehabilitated when directed by the City.
10. During on site evaluation of sewers by the Contractor, if any sewer segments are deemed to be rehabilitated by others (DBO), the Contractor shall submit an RFI (Request for Information)