



DEPARTMENT OF PUBLIC WORKS
AND ENGINEERING
WASTEWATER OPERATIONS BRANCH

No. 02

WORK ORDER

Wastewater Collection System Rehabilitation and Renewal
Contract No. 400013231
Wastewater File No. 4235-78 WBS No. R-000266-0218-4

Date:	June 1, 2016	Work Order Number:	02
Contractor:	D G Medina Construction, LLC	Maintenance Quadrant:	NW
Council District:	C	P-Map No:	T1384
Subdivision:	Almeda Sims	Key Map No.:	492v


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 Outline Agreement No. 4600013231. 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. Daniel Oefner or Mr. David Tajadod.

Project Location: Sanitary sewers in 1700 & 1800 blocks of Harold St and Kipling St right-of-ways in Basin AS077.

Description of Work:

1. Install cleanout on existing service lead for the following addresses as described below:

IMS W.O. NO.	Upstream Manhole No.	Downstream Manhole No.	Diameter (inches)	Approx. Length (feet)	Other Work Description
12734329	AS068179	AS068179A	27	260	Cleanout to serve 1849/1851 Harold. Connection location at 87ft from manhole AS068179.
12734624	AS068179A	AS068179B	27	159	Cleanout to serve 1831 Harold. Connection location at 129ft from manhole AS068179A.
12734630	AS068179B	AS068179C	27	319	Cleanout to serve 1821 Harold. Connection location at 17ft from manhole AS068179B.
12734633	AS068179B	AS068179C	27	319	Cleanout to serve 1815 Harold. Connection location at 169ft

DISTRIBUTION:	ISSUED BY: CITY OF HOUSTON
<input type="checkbox"/> Contractor	
<input type="checkbox"/> Construction Management Group	Daniel Oefner, P.E.
<input type="checkbox"/> Mike Cook, P.E. - TWDB	Supervising Engineer
<input checked="" type="checkbox"/> CSO Project File	Collection Systems Operations
<input type="checkbox"/> _____	Wastewater Operations Branch



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IMS W.O. NO.	Upstream Manhole No.	Downstream Manhole No.	Diameter (inches)	Approx. Length (feet)	Other Work Description
					from manhole AS068179B.
12734640	AS068179B	AS068179C	27	319	Cleanout to serve 1807 Harold. Connection location at 229ft from manhole AS068179B.
12734651	AS068179D	AS068179E	27	319	Cleanout to serve 1801 Harold. Connection location at 85ft from manhole AS068179D.
12734756	AS077187	AS077186	8.00	366	Cleanout to serve 1704/ 1708 Kipling. Connection location at 10ft from manhole AS077187.
12734760	AS077187	AS077186	8.00	366	Cleanout to serve 1705 Kipling. Connection location at 10ft from manhole AS077187.
12734765	AS077187	AS077186	8.00	366	Cleanout to serve 1712/1716 Kipling. Connection location at 110ft from manhole AS077187.
12735311	AS077187	AS077186	8.00	366	Cleanout to serve 1719/1723 Kipling. Connection location at 210ft from manhole AS077187.
12735325	AS077187	AS077186	8.00	366	Cleanout to serve 1724 Kipling. Connection location at 210ft from manhole AS077187.
12735329	AS077187	AS077186	8.00	366	Cleanout to serve 1727 Kipling. Connection location at 310ft from manhole AS077187.
12735331	AS077187	AS077186	8.00	366	Cleanout to serve 1728 Kipling. Connection location at 310ft from manhole AS077187.
12735335	AS077186	AS077185	8.00	375	Cleanout to serve 1736 Kipling. Connection location at 46ft from manhole AS077186.
12735337	AS077186	AS077185	8.00	375	Cleanout to serve 1739 Kipling. Connection location at 46ft from manhole AS077186.
12735343	AS077186	AS077185	8.00	375	Cleanout to serve 1743 Kipling. Connection location at 154ft from manhole AS077186.
12736916	AS077186	AS077185	8.00	375	Cleanout to serve 1744 Kipling. Connection location at 154ft from manhole AS077186.
12735349	AS077186	AS077185	8.00	375	Cleanout to serve 1751 Kipling. Connection location at 228ft from manhole AS077186.



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IMS W.O. NO.	Upstream Manhole No.	Downstream Manhole No.	Diameter (inches)	Approx. Length (feet)	Other Work Description
12735353	AS077186	AS077185	8.00	375	Cleanout to serve 1756 Kipling. Connection location at 274ft from manhole AS077186.
12735379	AS077188	AS077185	8.00	340	Cleanout to serve 1801 Kipling. Connection location at 85ft from manhole AS068179D.
12735386	AS077188	AS077185	8.00	340	Cleanout to serve 1807 Kipling. Connection location at 82ft from manhole AS077185.
12735387	AS077188	AS077185	8.00	340	Cleanout to serve 1817 Kipling. Connection location at 179ft from manhole AS077185.
12735393	AS077188	AS077185	8.00	340	Cleanout to serve 1819/1823 Kipling. Connection location at 297ft from manhole AS077185.
12735430	AS077189	AS077188	8.00	361	Cleanout to serve 1827/1831 Kipling. Connection location at 63ft from manhole AS077188.
12735435	AS077189	AS077188	8.00	361	Cleanout to serve 1833/1837 Kipling. Connection location at 163ft from manhole AS077188.
12735468	AS077189	AS077188	8.00	361	Cleanout to serve 1845 Kipling. Connection location at 257ft from manhole AS077188.
12735469	AS077189	AS077188	8.00	361	Cleanout to serve 1853 Kipling. Connection location at 13ft from manhole AS077189.

2. Prior to installation of service lead, contractor shall televise the sewer main to locate the existing service connection. Verify and confirm with City Engineer. Perform service connection as directed by City Engineer.
3. The size of the proposed service lead shall match with the existing lateral. Length of pipe to be installed shall be field determine.
4. 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.
5. Point Repair or Obstruction Removal shall be performed, as needed, for sanitary sewers with Eliminate Sag/Eliminate Drop Joint listed under 'Other Work Description'.



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6. 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.
7. Manhole rehabilitation should be completed within two (2) weeks after the sanitary sewer are rehabilitated when directed by the City.
8. 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 a RFI (Request for Information) requesting approval to Clean and Televis (CTV) with site specific details. Upon approval, the Contractor shall CTV the sewer segments and submit videos to the City.
9. Perform excavations on or under pavement in the City's right-of-way in accordance with the Street Cut Ordinance and the contract specifications Section 01110 Summary of Work, 1.06 Street Cut Ordinance, Paragraphs A and B.
10. Prior to locating utilities or mobilizing on any Work Order issued on this project, the Contractor shall, in coordination with Mr. David Tajadod, (832) 395-6119, schedule a meeting with the neighborhood association of the affected area to inform the resident and business owners 1) of the nature and locations of the work to be performed, 2) the anticipated dates of disruption of service, 3) street closures, and 4) potential benefit to the neighborhood. The Contractor shall at that time distribute flyers showing the Contractor's name, information in items 1-4 above, and a map of the limits of the work order area. No work will be allowed to proceed on the work order until the meeting is held with the neighborhood association or until the City Engineer has determined that it may be waived.
11. Contractor shall comply with the Ordinance Relating to Impairments and Obstruction of Roadways and Sidewalks
12. Notify affected and adjacent occupants by customer contact or by door hanger not less than 72 hours or more than 2 weeks prior to commencement of work. Notify affected and adjacent occupants in accordance with the contract specifications Section 01145 Use of Premises, 1.05 Notification to Adjacent Occupants, Paragraphs A and B and Section 01145-S Use of Premises, 1.05 Notification to Adjacent Occupants, Paragraph D.
13. Complete site restoration within 21 calendar days of having disturbed over 50% of total project linear footage, or 2,000 linear feet, whichever is greater. Complete site restoration in accordance with the contract specifications Section 01740 Site Restoration, 1.05 Scheduling, Paragraph C and Section 01740-S Site Restoration, 1.05 Scheduling, Paragraph D. Failure to maintain the backlog of restoration at less than 21 calendar days will result in the City withdrawing payment for all items on the affected Work Orders. Items for which payment has been made will be deducted from subsequent pay applications and withheld until restoration is accepted.
14. Additional work as approved by the City Engineer.



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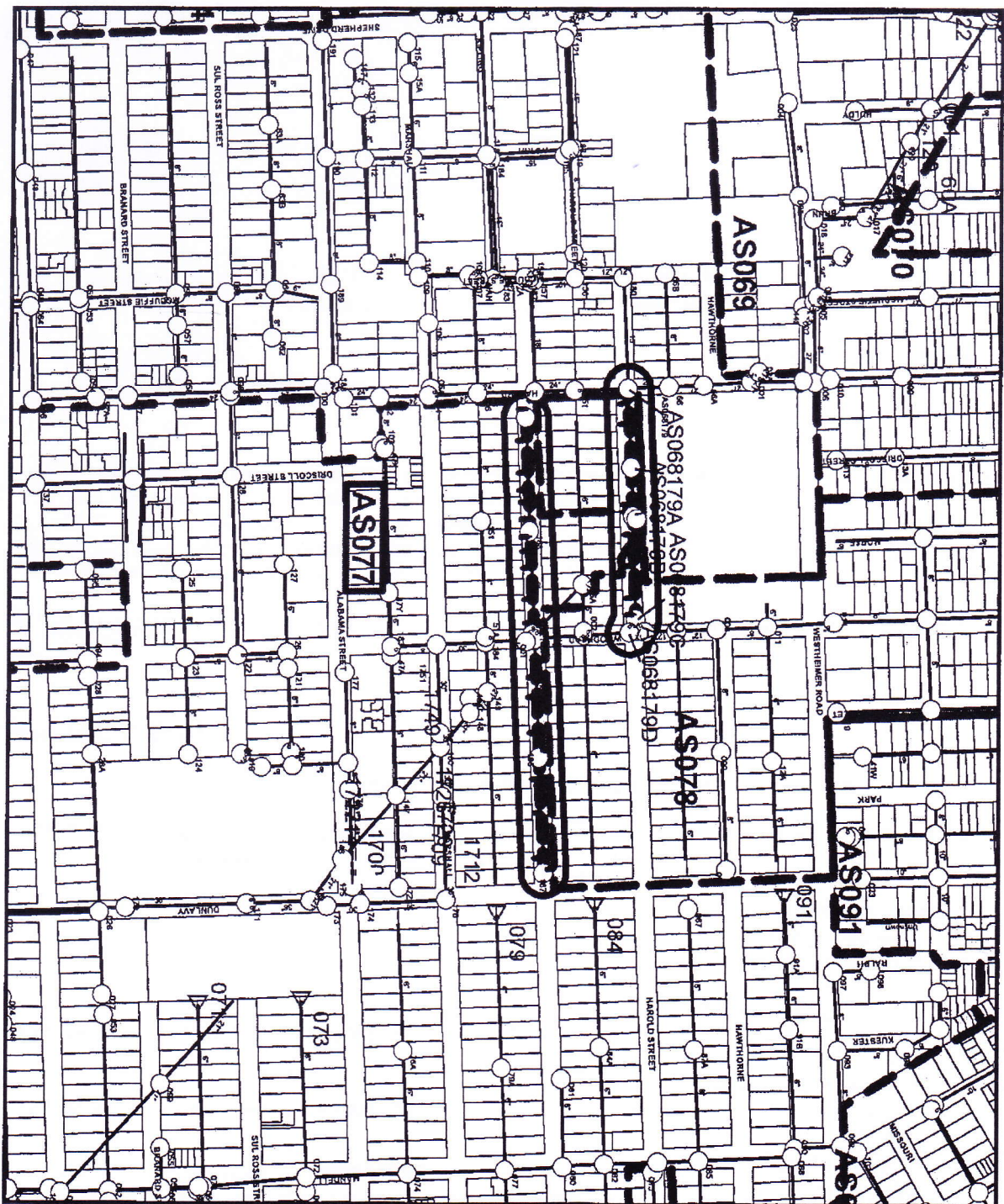
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15. The details of the work are shown on the attached plans.

16. Take color video or pictures of the job site showing salient features and physical condition before moving in equipment and materials.

Please consult with the City Engineer prior to submitting the project schedule. Mr. David Tajadod will assign the inspector for this work order location. Mr. Tajadod can be contacted at (832) 395-6119.

WORK ORDER SKETCH



T1384

4235-78 02

CITY OF HOUSTON

WBS No.:

R-000266-0218-4

Outline Agreement No.:

4600013231

Quadrant: NW

Key Map: 492V

TILE NO: 5356a

Subdivision:

ALMEDA SIMS

☐ Customer

☐ Complaint

☐ Neighborhood

☐ Analysis

☐ Point Repair

☐ Sanitary Sewer

☐ Overflow

☒ Critical Sewer