

V009-15804

ADDENDUM NUMBER 1

MILWAUKEE COUNTY 2015 SANITARY SEWER REHABILITATION
AT MULTIPLE LOCATIONS

Project Number: V009-15804
Bid Notice No. 7063

Date of Addendum: November 24, 2015

This Addendum to the Contract Documents is issued to modify, explain or correct the original documents, dated November 1st, 2015 and is hereby made part of the Contract Documents. Acknowledge receipt of this Addendum in the space provided on the Bid Form, or bid may be rejected.

CONTRACT #2 - REVISED BID FORM

Replace Bid Form pages 00410-2.1 through 00410-2.4 with revised pages 00410-2.1 through 00410-2.4 **dated November 24th, 2015**

CONTRACT #2 - DRAWINGS and SPECIFICATIONS

- 1.) Add Drawing Pages C45 and C46 to the project bid documents.
- 2.) Replace Work Schedule Drawings Pages C2, C3, and C4 with revised pages C2, C3, and C4 **dated November 24th, 2015**
- 3.) Note: For reference, previous years CCTV reports will be available on Milwaukee County's Website.

CONTRACT #1 AND #2 - PRE-BID DISCUSSION ITEMS

See attached for list of items discussed during 11-19-15 Pre-Bid Meeting.

END OF ADDENDUM

00900-1

Milwaukee County 2015 Sanitary Sewer Rehabilitation at Multiple Locations

11-19-15 PRE-BID DISCUSSION ITEMS:

Contract 1:

- 1.) In general, Milwaukee County will assist in locating manholes if contractor is having difficulty finding manholes.
- 2.) Milwaukee County will provide low bidder color copies of CCTV plans.
- 3.) Milwaukee County will provide low bidder maps showing which hydrants will be available in regards to getting water.
- 4.) Page 4 of 32; Discussed that CCTV for area just south of Swan Boulevard is under construction and there may be obstacles near manholes.
- 5.) Page 9 of 32; Discussed that CCTV in the area of Watertown Plank Road and Highway 100 would need be done at night due to traffic.
- 6.) Page 11 of 32; Pipe from 440-12S10 to 440-13S36 is newer construction.
- 7.) Page 14 of 32; Discussed that heavy cleaning may be required in the area between manholes 355-058B and 355-057.
- 8.) Page 19 of 32; Most of Pipe around new Greenhouse is newer construction.
- 9.) Page 24 of 32; Badging will not be required in the area of the GMIA 440th.

Contract 2:

- 10.) In general, Milwaukee County will assist in locating manholes if contractor is having difficulty finding manholes.
- 11.) Milwaukee County will provide low bidder color copies of plans.
- 12.) Page C-8; Pipe to west of manhole 440-12S10 is abandoned. Bulkhead will go into place if there isn't one already there.
- 13.) Page C-15; Proper Traffic coordination is required, manhole is 440-19S21 is in far right lane of traffic on Watertown Plank Road.

- 14.) Page C-17; 440-25S43-25S07 usually has moderate to heavy flow.
- 15.) Page C-18A; Manhole Top Rehab note should be pointing to manhole 440-26S06A.
- 16.) Page C-28; Manhole 766-023 is a storm manhole and is only shown for reference.
- 17.) Page C-31; Change 766-036-037 to CIPP FULL Liner.
- 18.) Page C-32; Badging will not be required for work at GMIA.
- 19.) Page C-34 and C35; Due to traffic, this work will need to be at night.
- 20.) Page C-38A; Manhole 620-027 is in the parking lot of private business, business should be notified at least 3-days ahead of work occurring.
- 21.) Page C-42; Coordination with the Parks department will be required to get access to manhole 694-001.
- 22.) Page C-44; Coordination with the House of Corrections will be required to gain access to pipe 295-001-003 which is on the secure side of the perimeter fencing.

END OF ADDENDUM

PROJECT NO. V009-15804
SCHEDULE OF PRICES
For: Milwaukee County 2015
Sanitary Sewer Rehabilitation at
Multiple Locations

11/24/2015

Note: Bidder must state unit prices in figures and sign proposal. Furnish and install each item as specified in the contract documents.

CONTRACT 2: Sewer Manhole & Pipe Rehabilitation

Item No.	Approx. Quantities	Unit	Items With Unit Bid Price Written in Words	Unit Price in Figures	Total Amount of Bid
4	4	Each	Manhole Top Repair: Remove existing Frame, adjust manhole to grade, reset existing frame and seal exterior of chimney. No new lid (Re-install existing lid). Backfill around top of Manhole with 4" to 6" of chipped bentonite. Restore Surface. See Drawings and Specifications for location of manholes.		
5	3	Each	Manhole Top Repair: Install Internal Seal		
6	3	Each	Manhole Top Repair: Install New Lid		
7	2	Each	Manhole Top Repair: Tighten Existing Internal Seal		
8	1	Each	Manhole Top Repair: Install Internal Seal and New Lid		
9	1	Each	Manhole Bottom Rehab: Patch hole at top of pipe with motar.		
9A	1	Each	Manhole Bottom Rehab: Injection Grout Runner at Outgoing pipe		
10	1	Each	Vactor Clean Bottom of Manhole and Investigate pipe sizes.		
11	1	Each	Bulkhead: Install Bulkhead in pipe(s) as directed and Per Specification		

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Item No.	Approx. Quantities	Unit	Items With Unit Bid Price Written in Words	Unit Price in Figures	Total Amount of Bid
12	3	Each	Remove Debris: Clean Bottom of Manhole by removing any debris, such as sticks, gravel, paper, stone, etc.		
13	2	Each	Manhole; Remove Roots; By Foam application		
14	321	Lineal Feet	8" dia. Sanitary Sewer Root Cut and Clean. Clean, mechanically remove roots and debris, and dispose of roots and debris per Section 02961 Part 3.3. See Drawings and Specifications for location of sewers to be root cut and cleaned.		
15	23	Each	Sanitary Sewer Chemical SPOT Grout. CCTV sewers to be grouted, clean and repair sewer to be grouted, test, seal with grout, retest, and reseal with grout joints as necessary per Section 02958 Part 3.5 through 3.7. See Drawings and Specifications for locations and diameters of sewer pipe to be grouted.		

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CONTRACT 2: Sewer Manhole & Pipe Rehabilitation

Item No.	Approx. Quantities	Unit	Items With Unit Bid Price Written in Words	Unit Price in Figures	Total Amount of Bid
16	6	Lineal Feet	6" dia. Sanitary Sewer Cured-in-Place PARTIAL Pipe Liner. CCTV sewers to be lined, clean and repair sewer to receive liner, install liner per Section 02955 Part 3.4, and CCTV sewer line as final inspection. See Drawings and Specifications for location of sewers to be lined. <i>(1 locations)</i>		
16A	24	Lineal Feet	8" dia. Sanitary Sewer Cured-in-Place PARTIAL Pipe Liner. Same as above. <i>(4 locations)</i>		
16B	6	Lineal Feet	10" dia. Sanitary Sewer Cured-in-Place PARTIAL Pipe Liner. Same as above. <i>(1 locations)</i>		
16C	12	Lineal Feet	12" dia. Sanitary Sewer Cured-in-Place PARTIAL Pipe Liner. Same as above. <i>(2 locations)</i>		
16D	6	Lineal Feet	15" dia. Sanitary Sewer Cured-in-Place PARTIAL Pipe Liner. Same as above. <i>(1 locations)</i>		

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11/24/2015

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CONTRACT 2: Sewer Manhole & Pipe Rehabilitation

Item No.	Approx. Quantities	Unit	Items With Unit Bid Price Written in Words	Unit Price in Figures	Total Amount of Bid
17	3,400	Lineal Feet	8" dia. Sanitary Sewer Cured-in-Place FULL Pipe Liner. CCTV sewers to be lined, clean and repair sewer to receive liner, install liner per Section 02955 Part 3.4, and CCTV sewer line as final inspection. See Drawings and Specifications for location of sewers to be lined.		
17A	360	Lineal Feet	10" dia. Sanitary Sewer Cured-in-Place FULL Pipe Liner. Same as above.		
18	342	Lineal Feet	12" dia. Sanitary Sewer Cured-in-Place FULL Pipe Liner. Same as above.		
19	400	Lineal Feet	Sanitary Sewer Root Foam.		
20	1500	Square Yards	Site Turf Restoration For Sanitary Sewer and Manhole Rehabilitation. Restore surface around sanitary manholes and open cut sanitary sewer repairs if necessary per Section 02951 Part 3.15.		
21	1	Lump Sum	Miscellaneous Allowance	\$10,000.00	\$10,000.00

CONTRACT 2: Total Amount for items four (4) through twenty-one (21)

Dollars \$

(Written in Words)

2015 Schedule of Sanitary Manhole Rehabilitation:

Manhole No.	Area	Description of Location	Sheet No.	Municipality	Ground Cover	Barrel Material	Depth	Recommendation	Comments
440-12510	Grounds	Inside Power Plant	C08	Wauwatosa	Turf	Precast	11.0	Bottom Rehab: Install Bulkhead on incoming pipe from West.	If not done already.
440-18515	Grounds	Between Bldgs at Mental Health	C11	Wauwatosa	Dir	D/A	D/A	Top Rehab: Raise 2" to Grade	
440-18508	Grounds	South of CATC	C09	Wauwatosa	Grass	D/A	D/A	Top Rehab: Raise 2" to Grade	
440-19514	Grounds	North of Childrens Hospital (in Lot)	C12	Wauwatosa	Asphalt	D/A	D/A	Top Rehab: Install New Lid	
440-19506A	Grounds	North of Curative In Parking Lot	C12	Wauwatosa	Asphalt	D/A	7.0	Bottom Clean: Remove Debris from MH	Piece of wood
440-18506	Grounds	North of Mental Health	C10	Wauwatosa	Asphalt	D/A	7.0	Bottom Clean: Remove Debris from MH	Soil (One bucket)
440-18505	Grounds	North of Mental Health	C10	Wauwatosa	Concrete	D/A	D/A	Top Rehab: Tighten Int Seal	
440-19521	Grounds	At Intersection of WTP & Connell	C15	Wauwatosa	Concrete	D/A	D/A	Top Rehab: Tighten Int Seal	
440-16508	Grounds	Behind Children's Court Center	C07	Wauwatosa	Grass	Precast	8.0	Bottom Rehab: Patch small hole (3" dia) at top of pipe	From 2015 CCTV Report
440-26506A	Grounds	In Parking Lot near 87th and Coffey	C18A	Wauwatosa	Asphalt	CMU	20' (+/-)	Top Rehab: Install Int. Seal	
440-26516	Grounds	SW of Intersection of 87th and Doyne	C19	Wauwatosa	Turf	D/A	10.0	Bottom Clean: Remove Debris from MH	Pipe pieces (One bucket)
220-26509	Grounds	87th Street near Wisconsin	C19	Wauwatosa	Turf	CMU	15.0	Root Foam Manhole	
290-280341	GMIA	South of Terminal	C36	Milwaukee	Concrete	Precast	D/A	Top Rehab: Install New Lid	
290-280351	GMIA	Near Howell & Hutsteiner	C33	Milwaukee	Concrete	Precast	20.0	Bottom Rehab: Injection Grout (Runner) at Outgoing Pipe	From 2015 CCTV Report
679-005	Parks North	Brown Deer (Clubhouse Parking Lot)	C43	Milwaukee	Block	Precast	8.0	Top Rehab: Install Internal Seal	
694-001	Parks North	Lincoln (Inside Water Park)	C42	Milwaukee	Asphalt	Precast	5.0	Top Rehab: Install Internal Seal	
782-008A	Parks South	Mitchell Park	C38	Milwaukee	Grass	Precast	D/A	Top Rehab: Install New Lid & Internal Seal	
782-008A	Parks South	Mitchell Park	C38	Milwaukee	Grass	Precast	8' (+/-)	Vector Clean Bottom of Manhole for Inspection	Verify Pipe Diameters: Appears to be 12" dia. IN Pipe, & 8" dia. OUT
782-008	Parks South	Mitchell Park	C38	Milwaukee	Grass	Precast	D/A	Top Rehab: Raise 6" to Grade, Reinstall Int. Seal	
265-002	Parks North	Art Museum	C39	Milwaukee	Asphalt	Precast	6" (+/-)	Root Foam Manhole	
355-105	Zoo	Near Oceans of Fun Service Yard	C22	Milwaukee	Asphalt	Precast	D/A	Top Rehab: Install New Lid	
STORM MH 1	TRANSIT	Transit - Fleet Maintenance	C45	Milwaukee	Grass	Block	15' (+/-)	Top Rehab: Raise 12" to Grade	Storm Manhole

Milwaukee County
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Milwaukee, WI 53203

DRAWN BY: MJS
CHECKED BY: KS

SCALE: N/A
DATE: 11/24/15

PROJECT TITLE:
SANITARY SEWER REHABILITATION AT MULTIPLE LOCATIONS
SHEET DESCRIPTION:
WORK SCHEDULE (2 OF 4)

SITE NO.: N/A
BUILDING NO.: N/A

PROJECT NO.:
V009-15804

SHEET NO.:
C-02

2015 - Schedule of Sanitary Sewer Pipe Rehabilitation

Sewer Segment	Area	Location	Upstream MH	Upstream MH	Sheet No.	Municipality	Sewer Material	Dia-meter	Total Length	Recommendation	# of known Laterals	Comments	CCTV Report (for Reference)
766-007-008	Parks South	Greenfield Park	007	008	C27	West Allis	VCP	8	187.5	FULL LINER	0		
766-008-021	Parks South	Greenfield Park	008	021	C28	West Allis	VCP	8	230.7	FULL LINER	0		
766-009-008	Parks South	Greenfield Park	009	008	C27	West Allis	VCP	8	18.8	FULL LINER	0		
766-010-009	Parks South	Greenfield Park	010	009	C27	West Allis	VCP	8	209.5	FULL LINER	0		
766-011-010	Parks South	Greenfield Park	011	010	C27	West Allis	VCP	8	205.7	FULL LINER	0		
766-012-011	Parks South	Greenfield Park	012	011	C28	West Allis	VCP	8	328.1	FULL LINER	0		
766-021-022	Parks South	Greenfield Park	021	022	C28	West Allis	VCP	8	244.2	FULL LINER	0		
766-024-025	Parks South	Greenfield Park	024	025	C28	West Allis	VCP	8	188.5	FULL LINER	0		
766-025-026	Parks South	Greenfield Park	025	026	C29	West Allis	VCP	8	294.1	FULL LINER	0		
766-026-027	Parks South	Greenfield Park	026	027	C29	West Allis	VCP	8	320.1	FULL LINER	0		
766-027-028	Parks South	Greenfield Park	027	028	C30	West Allis	VCP	8	291.3	FULL LINER	0		
766-028-034	Parks South	Greenfield Park	028	034	C30	West Allis	VCP	8	272.8	FULL LINER	0		
638-001-003	Parks South	Sheridan Park	001	003	C40	Cudahy	VCP	10	246.0	ROOT FOAM	D/A		2013 report
638-007-006	Parks South	Sheridan Park	007	006	C40	Cudahy	VCP	6	126.0	ROOT FOAM	D/A		2013 report
797-002-003	Parks North	Washington Park	002	003	C46	Milwaukee	VCP	8	250.3	FULL LINER	0		
797-003-004	Parks North	Washington Park	003	004	C46	Milwaukee	VCP	8	193.9	FULL LINER	0		

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633 W. Wisconsin
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Suite 1006
Milwaukee, WI 53203

DRAWN BY: MJS
CHECKED BY: KS

SCALE: N/A
DATE: 11/24/15

PROJECT TITLE:
**SANITARY SEWER REHABILITATION
AT MULTIPLE LOCATIONS**

SHEET DESCRIPTION:
WORK SCHEDULE (3 OF 4)

SITE NO: N/A
BUILDING NO: N/A

PROJECT NO:
V009-15804

SHEET NO:
C-03

2015 - Schedule of Sanitary Sewer Pipe Rehabilitation

Sewer Segment	Area	Location	Upstream MH	Upstream MH	Sheet No.	Municipality	Sewer Material	Dia-meter	Total Length	Recommendation	# of known laterals	Comments	CCTV Report
766-010-009	Parks South	Greenfield Park	010	009	C27	West Allis	VCP	8	209.5	SPOT GROUT	0	INFILTRATION: Drippers at 150.6 and 176.3 ft MH 010	2015 report
					C26								
766-016-015	Parks South	Greenfield Park	016	015	C26	West Allis	VCP	8	53.7	SPOT GROUT	0	INFILTRATION: Runners at 11.2 and 13.9 ft from MH 015	2015 report
					C26								
766-017-016	Parks South	Greenfield Park	017	016	C26	West Allis	VCP	8	101.2	SPOT GROUT	0	INFILTRATION: Dripper at 23.1 ft from MH 016	2015 report
					C26								
766-027-028	Parks South	Greenfield Park	027	028	C30	West Allis	VCP	8	309.5	SPOT GROUT	0	INFILTRATION: Dripper at 3 ft from MH 027	2015 report
					C31								
766-036-037	Parks South	Greenfield Park	036	037	C31	West Allis	VCP	10	360.0	FULL LINER	0	Install 30 ft long partial liner. Extend from 275 to 305 ft from MH 036	2015 report
620-026-027	Parks South	Jackson Park	026	027	C38A	Milwaukee	RCP	21	365.0	SPOT GROUT	0	INFILTRATION: Runners at 19.6, 55.2, 79.2, 97.9, 173.9, 287.5, 293, 312.7 ft from MH 026	2013 report
638-003-011	Parks South	Sheridan Park	003	011	C40	Cudahy	VCP	12	342.0	FULL LINER	0	Install 6 (+/-) ft long partial liner. Cover Defect (hole in pipe) at 241.1 ft from MH 004 and at least two pipe joints.	2013 report
638-004-005A	Parks South	Sheridan Park	004	005A	C40	Cudahy	VCP	8	267.0	PARTIAL LINER	0	Install 6 (+/-) ft long partial liner. Cover Defect (hole in pipe) at 241.1 ft from MH 004 and at least two pipe joints.	2013 report
638-005A-005	Parks South	Sheridan Park	005A	005	C40	Cudahy	VCP	8	50.0	SPOT GROUT	0	INFILTRATION: Runners at 1.5 ft from MH 005A	2013 report
852-002-003	Parks South	Parks Maintenance	002	003	C37	Wauwatosa	VCP	8	135.5	SPOT GROUT	0	INFILTRATION: Runners at 11.7, 54.2, and 56.4 ft from MH 002	2013 report
295-001-003	HOC	House of Corrections (HOC)	001	003	C44	Franklin	VCP	6	80.0	PARTIAL LINER	0	Install 6 (+/-) ft long partial liner. Cover Defect (hole in pipe) at 75.6 ft from MH 001 and at least two pipe joints.	2013 report
295-011-014	HOC	House of Corrections (HOC)	011	014	C44	Franklin	VCP	8	144.0	PARTIAL LINER	0	Install 6 (+/-) ft long partial liner. Cover Defect (fractured pipe) at 83.0 ft from MH 011 and at least two pipe joints.	2013 report

Milwaukee County
 Dept. of Administrative Services
 Facilities Management Division

Architecture,
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DRAWN BY: MJS
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SCALE: N/A
 DATE: 11/24/15

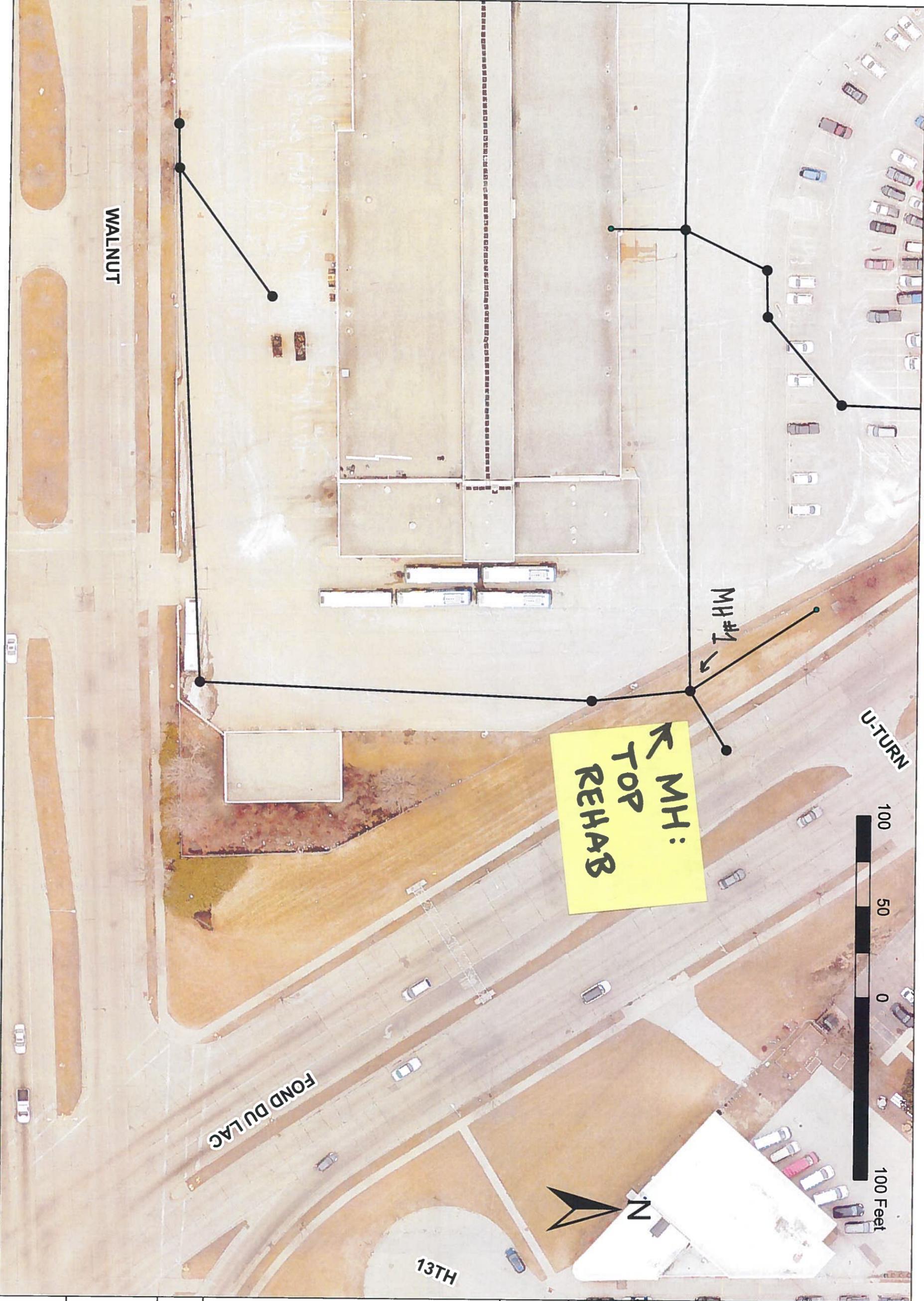
PROJECT TITLE:
 SANITARY SEWER REHABILITATION AT MULTIPLE LOCATIONS

SHEET DESCRIPTION:
 WORK SCHEDULE (4 OF 4)

SITE NO: N/A
 BUILDING NO: N/A

PROJECT NO:
 V009-15804

SHEET NO:
 C-04



Milwaukee County
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Architecture,
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DRAWN BY: MJS
 CHECKED BY: KS

SCALE: NONE
 DATE: 11/24/15

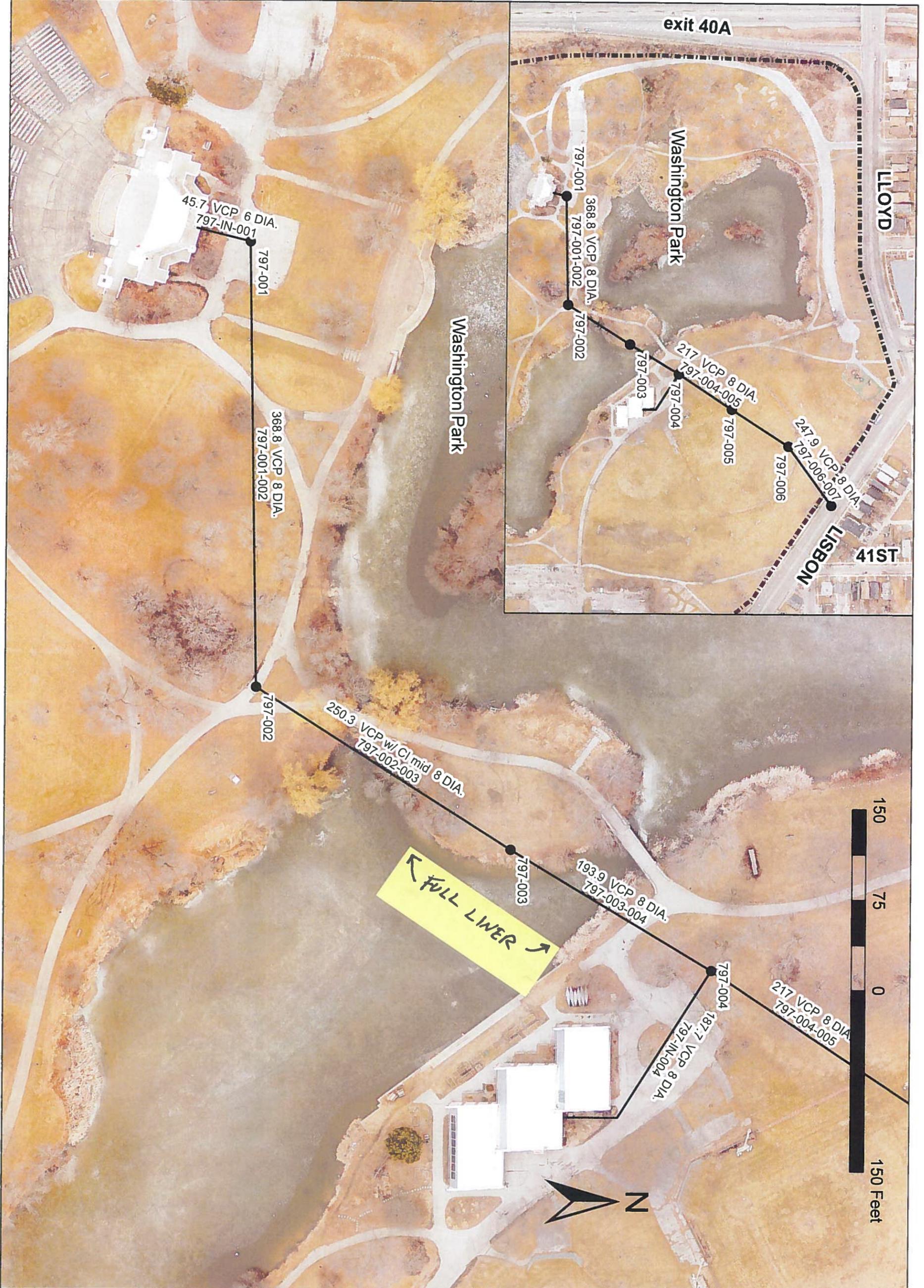
PROJECT TITLE:
SANITARY SEWER REHABILITATION AT MULTIPLE LOCATIONS

SHEET DESCRIPTION:
**MCTS - HILLSIDE CENTER
 1525 W. VINE STREET**

SITE NO.: 215
 BUILDING NO.: N/A

PROJECT NO.:
 V009-15804

SHEET NO.:
 C-45



Milwaukee County Dept. of Administrative Services Facilities Management Division	
Architecture, Engineering & Environmental Services Section 633 W. Wisconsin Ave. Suite 1006 Milwaukee, WI 53203	
DRAWN BY: MJS	CHECKED BY: KS
SCALE: NONE	DATE: 11/24/15
PROJECT TITLE: SANITARY SEWER REHABILITATION AT MULTIPLE LOCATIONS	SHEET DESCRIPTION: WASHINGTON PARK
SITE NO: 797	BUILDING NO: N/A
PROJECT NO: V009-15804	
SHEET NO: C-46	