



Sewer Repair and Water Valve Installation Program

RFB ADDENDUM NO. 02

Date of Addendum: September 28, 2020

NOTICE TO ALL POTENTIAL RESPONDENTS

The Request for Bid (RFB) is modified as set forth in this Addendum. The original RFB Documents and any previously issued addenda remain in full force and effect, except as modified by this Addendum, which is hereby made part of the RFB. Respondent shall take this Addendum into consideration when preparing and submitting its bid.

1.0 - BID SUBMITTAL DEADLINE

The Bid submittal deadline remains the same and is not changed by this Addendum.

2.0 - RFB – CHANGES

Item	Section	Description of Change
2.1	RFB Base Bid Sheet & Alternate Bid Sheet	<p>REPLACE – Pages 09-11 of the original RFB with the attached pages 09-11.</p> <p>CHANGE – The “Rebuild Manhole Bench” pay item 12 in the base bid and pay item 15 in the alternate bid have been deleted.</p> <p>The work on Park Avenue (Attachment 8) associated with the “Rebuild Manhole Bench” base bid and alternate bid items has been deleted from the bid.</p>
2.2	Attachment Four Special Provisions	<p>REPLACE – Pages 54.16 and 54.17 of Attachment Four with the attached pages 54.16 and 54.17.</p> <p>CHANGE – The “Rebuild Manhole Bench” pay item has been deleted from the special provisions.</p>
2.3	Addendum 01 Attachment Nine	<p>REPLACE – Pages 61.3 through 61.16 with the attached 61.3 through 61.16.</p> <p>CHANGE - The waterline and some private utilities (gas, telephone, electric) did not display correctly in the plan set. The new plan set sheets correct these utilities.</p>



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3.0 - QUESTIONS AND ANSWERS

The following questions and answers are provided as a matter of information to clarify issues raised about the RFB. To the extent that changes to the RFB are required based on the questions received, the RFB has been modified as noted above in the RFB section of this Addendum.

Item	Questions and Answers
3.1	<p><u>Question:</u> I don't see where the "rebuild manhole bench" pay item goes. I don't see it on the plans, is it for a storm or sanitary manhole? It is hard to price without knowing what pipes enter and leave the manhole.</p> <p><u>Answer:</u> REBUILD MANHOLE BENCH pay item has been removed from the bid. See item 2.1 and 2.2 above.</p>
3.2	<p><u>Question:</u> Can you tell us what type of pipe the existing 18" and 24" pipe is? We have to remove it to make the lined tap connections and it will make a difference in time/labor based on the type of pipe.</p> <p><u>Answer:</u> The host pipe material of the lined sewers on Central Avenue are as follows: 18" is VCP and 24" is brick.</p>
3.3	<p><u>Question:</u> I am being told there is a lead time for the LMT saddles needed for this job, per my conversation with the vendor. So, I am wondering if the completion date for this job can be pushed back? I understand that pushing the completion date back could move the work to when the asphalt plants are no longer open to pave the streets with hot mix. If you do allow the completion date to be moved, I can suggest the asphalt patch to be done in cold mix (which is available in the cold weather).</p> <p><u>Answer:</u> The purchase order for this work is anticipated to be issued on or about Oct. 14, 2020. The anticipated construction start date is Oct. 26, 2020. Our estimated lead time on this product is ten (10) business days. No changes will be made to the substantial completion date.</p>

4.0 - INFORMATION

The following item(s) are provided as a matter of information only to all respondents and do not modify or become part of the bid.

Item	Description
4.1	None

BASE BID SHEET

NO.	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
1	TRENCH BACKFILL	350	CY		\$
2	PCC SIDEWALK R & R, 5" & 6", SPECIAL	50	SF		\$
3	COMBINATION CONCRETE CURB AND GUTTER (B-4.12, B-6.12, B-6.18) R & R, SPECIAL	25	LF		\$
4	CLASS D PATCH, 3-INCH, SPECIAL	135	SY		\$
5	CLASS D PATCH, 4-INCH, SPECIAL	18	SY		\$
6	CLASS D PATCH, 8-INCH, SPECIAL	16	SY		\$
7	PAVEMENT PATCHING, COMPOSITE (9" PCC WITH HMA OVERLAY), SPECIAL	18	SY		\$
8	SAN/STM/COM SEWER R & R, SPECIAL, 10" PVC, SDR-26 [ASTM D-3034] (Repair 5'-90' length)	22	LF		\$
9	LMT LINED MAIN TAP, 18"	15	EA		\$
10	LMT LINED MAIN TAP, 24"	7	EA		\$
11	SEWER SERVICE R & R	1	EA		\$
12	ADDITIONAL SAN/STM/COM SEWER PIPE R&R, 8" OR 10" OR 12" PVC, SPECIAL	20	LF		\$
13	NEW GATE 6" VALVE WITH 48" VAULT, SPECIAL	4	EA		\$
14	WATER MAIN LINE STOP, 6", SPECIAL	1	EA		\$
15	REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES, NON-SPECIAL WASTE, SPECIAL	25	CY		\$
16	SOIL DISPOSAL ANALYSIS	1	EA		\$
17	BYPASS PUMPING, SPECIAL	1	LS		\$
18	EXPLORATORY EXCAVATION, SPECIAL	2	HR		\$
19	STORM DRAIN INLET PROTECTION, SPECIAL	1	LS		\$
20	TREE PROTECTION, SPECIAL	1	LS		\$
21	SEEDING, SPECIAL	20	SY		\$
22	SODDING, SPECIAL	20	SY		\$
23	TRAFFIC CONTROL AND PROTECTION, SPECIAL	1	LS		\$
24	PRE- AND POST SEWER VIDEO INSPECTION	1	LS		\$
TOTAL BASE BID:					\$
					To Page 08

ALTERNATE BID SHEET

NO.	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
1	TRENCH BACKFILL	475	CY		\$
2	PCC SIDEWALK R & R, 5" & 6", SPECIAL	125	SF		\$
3	COMBINATION CONCRETE CURB AND GUTTER (B-4.12, B-6.12, B-6.18) R & R, SPECIAL	38	LF		\$
4	BRICK DRIVEWAY, R & R	25	SF		\$
5	CLASS D PATCH, 3-INCH, SPECIAL	150	SY		\$
6	CLASS D PATCH, 4-INCH, SPECIAL	67	SY		\$
7	CLASS D PATCH, 8-INCH, SPECIAL	16	SY		\$
8	PAVEMENT PATCHING, COMPOSITE (9" PCC WITH HMA OVERLAY), SPECIAL	64	SY		\$
9	SAN/STM/COM SEWER R & R, SPECIAL, 10" PVC, SDR-26 [ASTM D-3034] (Repair 5'-90' length)	40	LF		\$
10	SAN/STM/COM SEWER R & R, SPECIAL, 12" PVC, SDR-26 [ASTM D-3034] (Repair 5'-90' length)	69	LF		\$
11	SAN/STM/COM SEWER R & R, SPECIAL, 15" PVC, SDR-26 [ASTM D-3034] (Repair 5'-90' length)	25	LF		\$
12	LMT LINED MAIN TAP, 18"	15	EA		\$
13	LMT LINED MAIN TAP, 24"	7	EA		\$
14	SEWER SERVICE R & R	7	EA		\$
15	ADDITIONAL SAN/STM/COM SEWER PIPE R&R, 8" OR 10" OR 12" PVC, SPECIAL	20	LF		\$
16	NEW GATE 6" VALVE WITH 48" VAULT, SPECIAL	5	EA		\$
17	WATER MAIN LINE STOP, 6", SPECIAL	1	EA		\$
18	REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES, NON-SPECIAL WASTE, SPECIAL	25	CY		\$
19	SOIL DISPOSAL ANALYSIS*	1	EA		\$
20	BYPASS PUMPING, SPECIAL	1	LS		\$
21	EXPLORATORY EXCAVATION, SPECIAL	2	HR		\$
22	STORM DRAIN INLET PROTECTION, SPECIAL	1	LS		\$
23	TREE PROTECTION, SPECIAL	1	LS		\$
24	SEEDING, SPECIAL	30	SY		\$

Continued on next page

ALTERNATE BID SHEET (CONTINUED)

NO.	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
25	SODDING, SPECIAL	30	SY		\$
26	LANDSCAPING ALLOWANCE	1	LS		\$
27	TRAFFIC CONTROL AND PROTECTION, SPECIAL	1	LS		\$
28	PRE- AND POST SEWER VIDEO INSPECTION	1	LS		\$
TOTAL ALTERNATE BID:					\$
					To Page 08

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per EACH for LMT™ LINED MAIN TAP, of the diameter indicated on the plans and as directed by the Engineer. This price shall include all the costs for removing host pipe, removing existing service, furnishing and installing the LMT™ Saddle by LMK and all fittings, installing up to 8' of new sewer pipe for sanitary service, connecting to existing service with non-shear "band-seal" couplings, installing concrete cap, and all other labor, material, and equipment necessary to complete the work.

The cost of the post inspection of the LMT main to lateral connection shall be included in the cost of PRE- AND POST SEWER VIDEO INSPECTION and shall not be paid for separately.

SEWER SERVICE REMOVAL AND REPLACEMENT

Description. This item shall consist of removing a section of existing sanitary, storm, or combined service sewer and replacing it with PVC SDR-26 pipe at the locations shown on the plans and as directed by the Engineer. Replacement pipe shall have the same inside diameter as the existing service sewer. All work shall comply with Section 563 of the Standard Specifications, except as noted herein.

Construction Requirements. If a sewer service is encountered in the section of sewer main being replaced, a PVC factory wye shall be installed. The wye connection to the existing service shall be completed with minimal replacement of the existing service. The replacement service pipe and non-shear "band-seal" couplings shall meet the same criteria as listed above.

Method of Measurement and Basis of Payment. This work shall be measured and paid for at the contract unit price EACH for SEWER SERVICE REMOVAL AND REPLACEMENT. This price shall include all costs for excavation, existing service pipe removal, disposal of excess excavated material, replacement of up to 8' of sewer service pipe, saw cuts, the non-shear "band-seal" couplings, and factory wyes.

The labor, material, and equipment necessary to backfill the trench will be paid under the item for TRENCH BACKFILL.

REBUILD MANHOLE BENCH

Description. Contractor shall furnish all labor, supervision, materials, equipment, and testing necessary to complete the Work including removal of the existing defective bench, and installation and sealing of the replacement bench.

~~This item is for reconstruction beyond the standard rehabilitation provided under the cementitious wall coating.~~

Construction Requirements. ~~This work item shall consist of the complete removal and reconstruction of the entire manhole bench. The existing deteriorated bench area shall be completely removed to a minimum depth of 12 inches below the existing invert. Care must be taken to avoid damaging other areas of the manhole structure. Loose and broken concrete shall be routinely removed from the manhole to eliminate the possibility of pieces entering the sewer lines. After removal of loose and broken concrete, CA-7, (¾ inch – 1 inch) washed limestone with no fines shall be installed to a depth of (8) eight inches as a base for the new bench to be formed using Portland Cement Concrete, (PCC). Sanitary sewer service shall be maintained during bench replacement. Minimum bench thickness shall be 4 inches in depth.~~

~~All inverts shall be formed to the diameter of the incoming and outgoing pipe diameter up to the pipe centerline and vertical beyond that point. The invert shall be formed to a depth of one half to two thirds the pipe diameter. Inverts shall be formed with a PCC mortar material and steel trowel to produce a dense, smooth finish and shape to form a "U" shaped channel connecting the pipelines. The new invert shall provide smooth transitions for pipes of different sizes, different elevations, and/or at different angles. The Contractor shall form benches to provide self cleaning by sloping normally two (2) inches from manhole wall to edge of "U" channel with a smooth finish. Care shall be taken to prevent the degradation of freshly poured benches.~~

~~The bench shall be furnished in such a manner so that a watertight seal exists between the manhole walls, pipe, and bench/trough area. The finished bench shall be cleaned of silt, debris or foreign matter of any kind.~~

~~Method of Measurement and Basis of Payment. This work shall be measured and paid for at the contract unit price EACH for REBUILD MANHOLE BENCH. This price shall include costs for removal of existing bench, removal of excavated material and debris, installation of washed aggregate (CA-7), supply of PCC to form the bench, and all other labor, material and equipment required to complete the work.~~

ADDITIONAL SANITARY/STORM/COMBINED SEWER PIPE REMOVAL AND REPLACEMENT, PVC, SPECIAL

Description. This item shall consist of removing a section of existing sewer and replacing it with PVC pipe at the location of a new catch basin, inlet, or manhole installation and sewer service or lateral pipe requiring replacement which is greater than 8' in length shown on the plans or as directed by the ENGINEER. All work shall comply with Section 563 of the Standard Specifications, except as modified herein.

Construction Requirements. The PVC pipe shall be polyvinyl chloride (PVC) sewer pipe conforming to ASTM D-3034 with rubber gasket joints conforming to ASTM D-3212. The Standard Dimension Ratio (SDR) for the PVC sewer pipe shall be 26. The PVC pipe shall be joined to the existing sewer pipe at each end with a band-seal coupling with stainless steel shear rings. Replacement pipe shall be the same inside diameter as the existing sewer.

When water main quality PVC pipe is specified on the plans, the material shall be polyvinyl chloride (PVC) SDR-26 conforming to ASTM D-2241 OR AWWA C-900/C-905 as specified on the plans. Joints shall be rubber gasket joints conforming to ASTM D-3139 for water main quality PVC.

Method of Measurement and Basis of Payment. Any sewer service pipe, lateral pipe or connection to a new structure requiring replacement which is greater than 8' in length shall be measured and paid for at the contract unit price per FOOT for ADDITIONAL SEWER PIPE R&R, SPECIAL, of the diameter indicated and meeting the same requirements as listed above.

CATCH BASINS, MANHOLES, INLETS, VALVE VAULTS

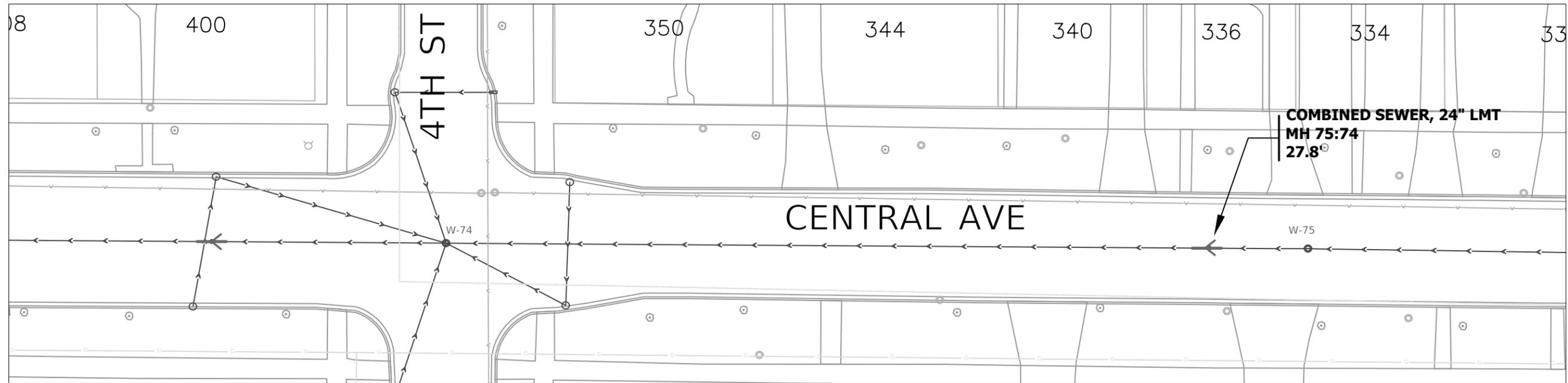
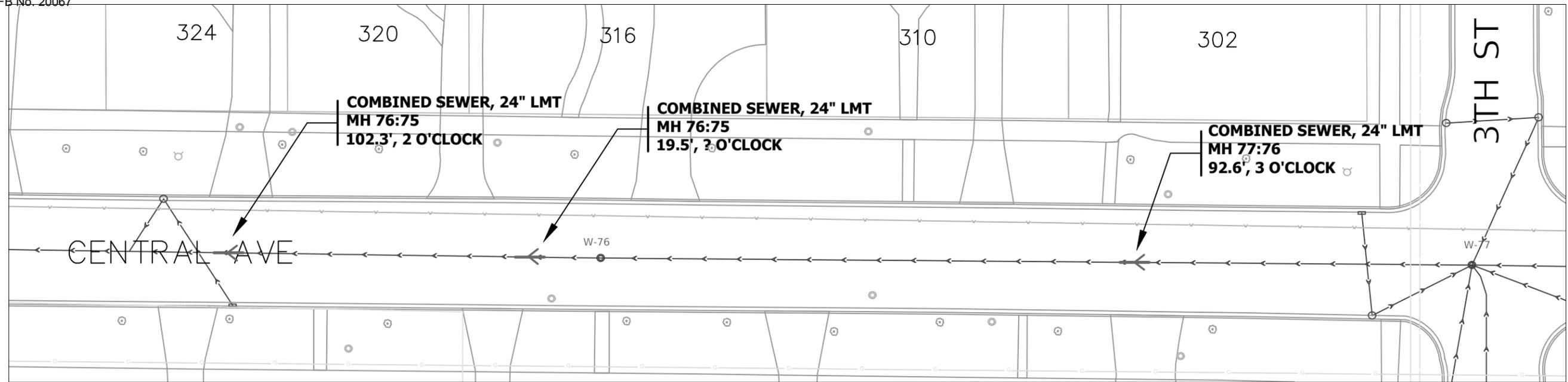
Description. This work shall consist of constructing catch basins, manholes, inlets, and valve vaults, together with the necessary cast iron frames and lids, in accordance with Section 602 of the Standard Specifications, except as specified herein.

Construction Requirements. All catch basins, manholes, or inlets shall be provided with flexible rubber boots for all pipes to ensure a watertight seal between the pipe and catch basin, manhole, or inlet. The flexible rubber boots shall conform to ASTM C-923.

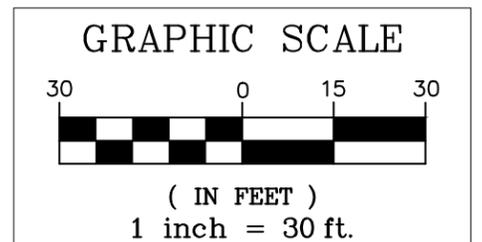
Catch basins, manholes, or inlets constructed in a location where an existing structure was removed shall include five feet of pipe for each existing pipe location. Sewer pipe shall be PVC SDR-26, RCCP, or ductile iron in accordance with the Standard Specifications, and connections to the existing sewer shall be made using non-shear, "band-seal" couplings with stainless steel shear rings. All half-trap pipes installed inside catch basins, manholes, or inlets shall be considered incidental to this pay item.

All closed lids shall have the words "COMBINED", "STORM", "SANITARY", or "WATER" cast into them, as shown in the plans and as directed by the Engineer.

Adjusting the frames on new drainage structures in the pavement to final grade, prior to paving the HMA surface course, will not be paid separately.



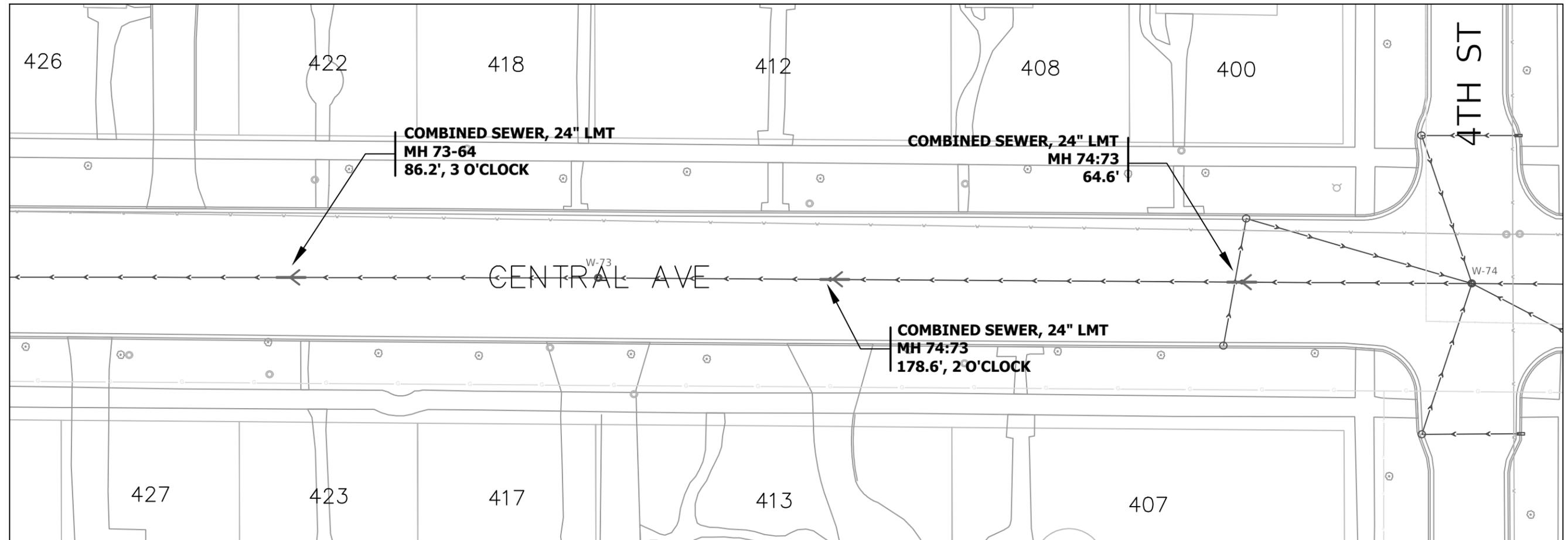
Street	Diameter/Type	MH to MH	Service(s)	Average Depth (FT)	Pavement	Patch
CENTRAL AVE (300 BLK)	24" LMT	77-76	92.6', 3 o'clock	9	2.5" HMA	3" HMA
CENTRAL AVE (300 BLK)	24" LMT	76-75	19.5'	9.5	2.5" HMA	3" HMA
CENTRAL AVE (300 BLK)	24" LMT	76-75	102.3', 2 o'clock	9.5	2.5" HMA	3" HMA
CENTRAL AVE (300 BLK)	24" LMT	75-74	27.8'	9.5	2.5" HMA	3" HMA



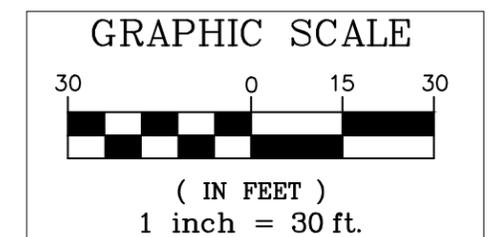
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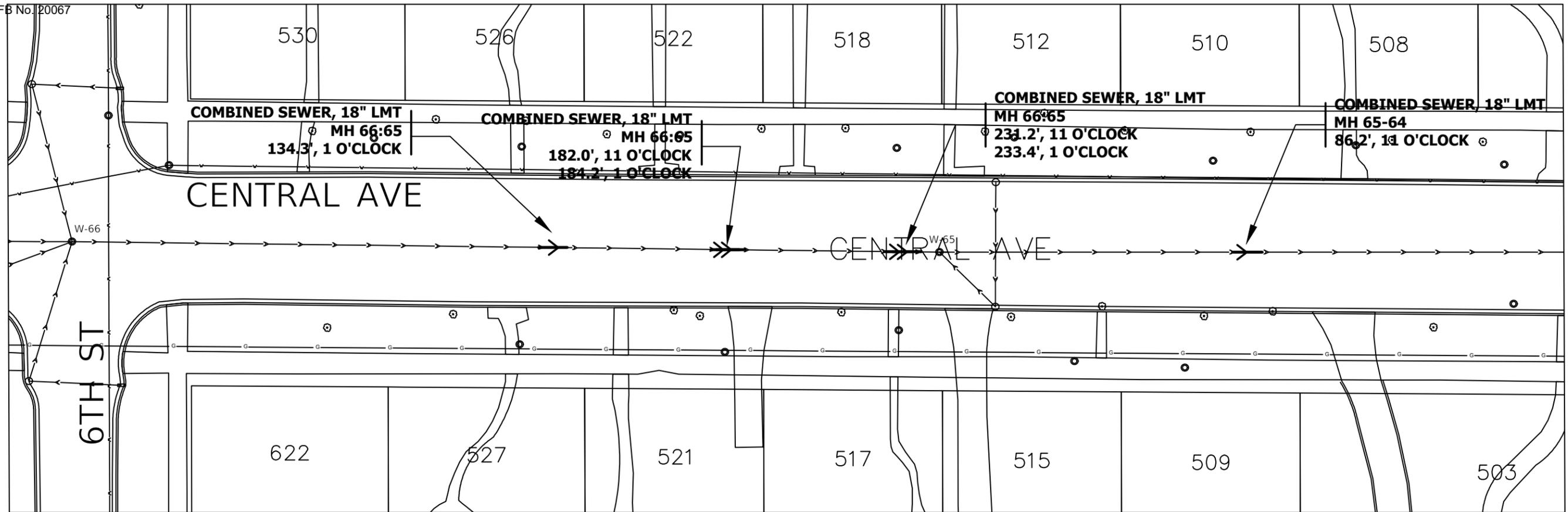


COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 20067		WILMETTE, ILLINOIS

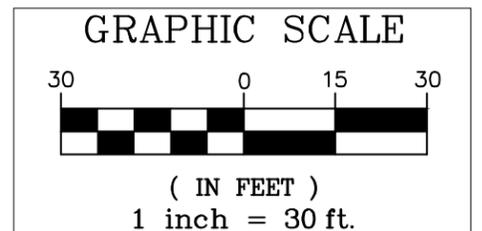


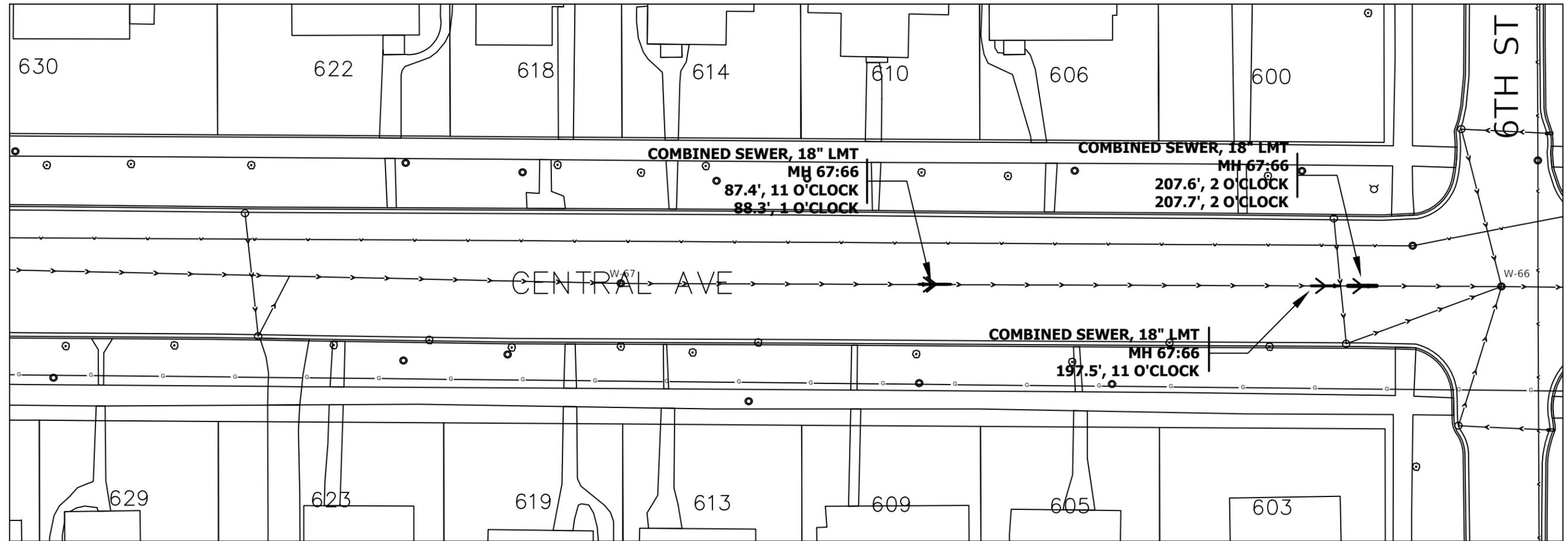
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CENTRAL AVE (400 BLK)	24" LMT	74-73	64.6'	10.5	2.5" HMA / 9.75" PCC	3" HMA
CENTRAL AVE (400 BLK)	24" LMT	74-73	178.6', 2 o'clock	10.5	2.5" HMA / 9.75" PCC	3" HMA
CENTRAL AVE (400 BLK)	24" LMT	73-64	86.2', 3 o'clock	10.5	2.5" HMA / 9.75" PCC	3" HMA



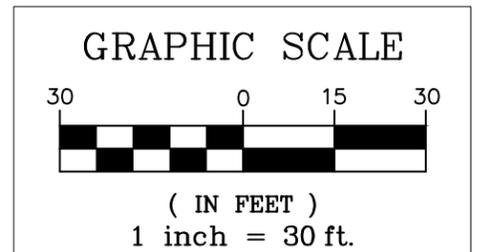


Street	Diameter/Type	MH to MH	Service(s)	Average Depth (FT)	Pavement	Patch
CENTRAL AVE (500 BLK)	18" LMT	66-65	134.3', 1 O'CLOCK	13.5	3.75" HMA / 8.25" PCC	3" HMA
CENTRAL AVE (500 BLK)	18" LMT	66-65	182.0', 11 O'CLOCK	13.5	3.75" HMA / 8.25" PCC	3" HMA
CENTRAL AVE (500 BLK)	18" LMT	66-65	184.2', 1 O'CLOCK	13.5	3.75" HMA / 8.25" PCC	3" HMA
CENTRAL AVE (500 BLK)	18" LMT	66-65	231.2', 11 O'CLOCK	13.5	3.75" HMA / 8.25" PCC	3" HMA
CENTRAL AVE (500 BLK)	18" LMT	66-65	233.4', 1 O'CLOCK	13.5	3.75" HMA / 8.25" PCC	3" HMA
CENTRAL AVE (500 BLK)	18" LMT	65-64	86.2', 11 O'CLOCK	13.5	3.75" HMA / 8.25" PCC	3" HMA





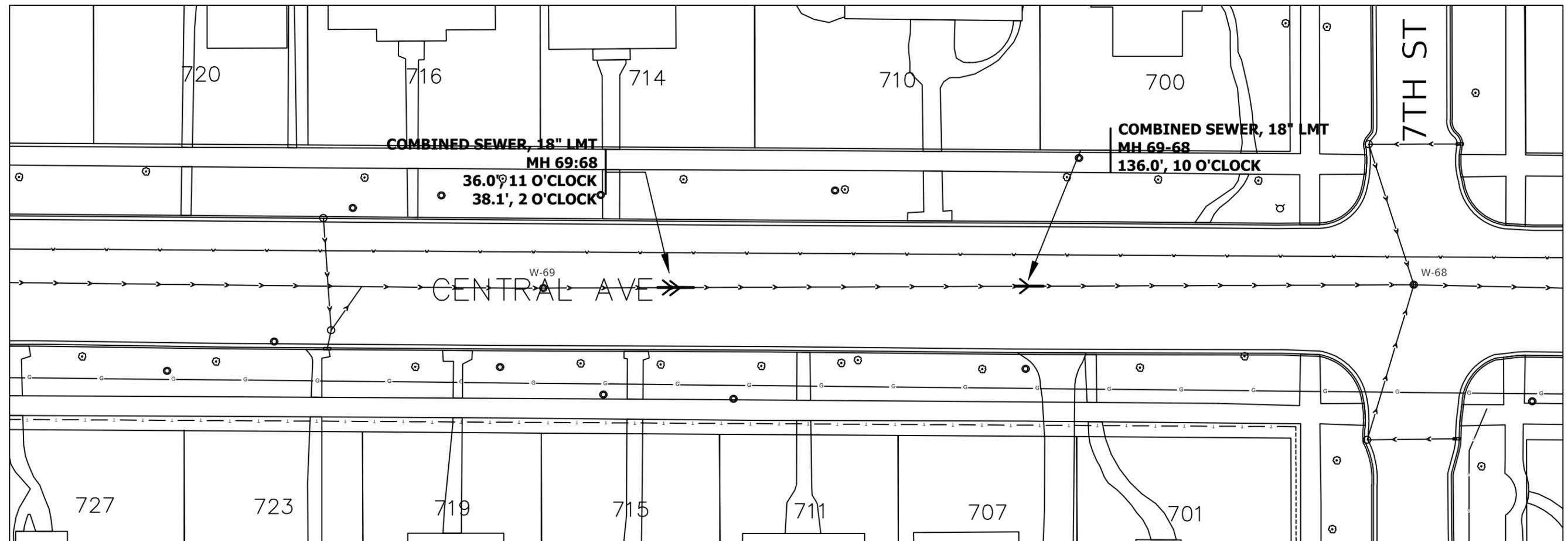
Street	Diameter/Type	MH to MH	Service(s)	Average Depth (FT)	Pavement	Patch
CENTRAL AVE (600 BLK)	18" LMT	67-66	87.4', 11 O'CLOCK	13.5	3.75" HMA / 8.25" PCC	3" HMA
CENTRAL AVE (600 BLK)	18" LMT	67-66	88.3', 1 O'CLOCK	13.5	3.75" HMA / 8.25" PCC	3" HMA
CENTRAL AVE (600 BLK)	18" LMT	67-66	197.5', 11 O'CLOCK	13.5	3.75" HMA / 8.25" PCC	3" HMA
CENTRAL AVE (600 BLK)	18" LMT	67-66	207.6', 2 O'CLOCK	13.5	3.75" HMA / 8.25" PCC	3" HMA
CENTRAL AVE (600 BLK)	18" LMT	67-66	207.7', 2 O'CLOCK	13.5	3.75" HMA / 8.25" PCC	3" HMA



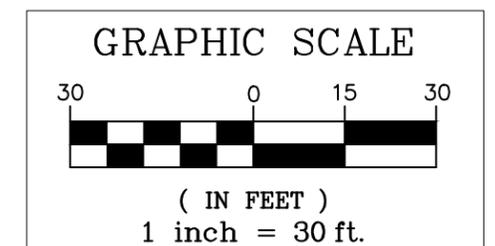
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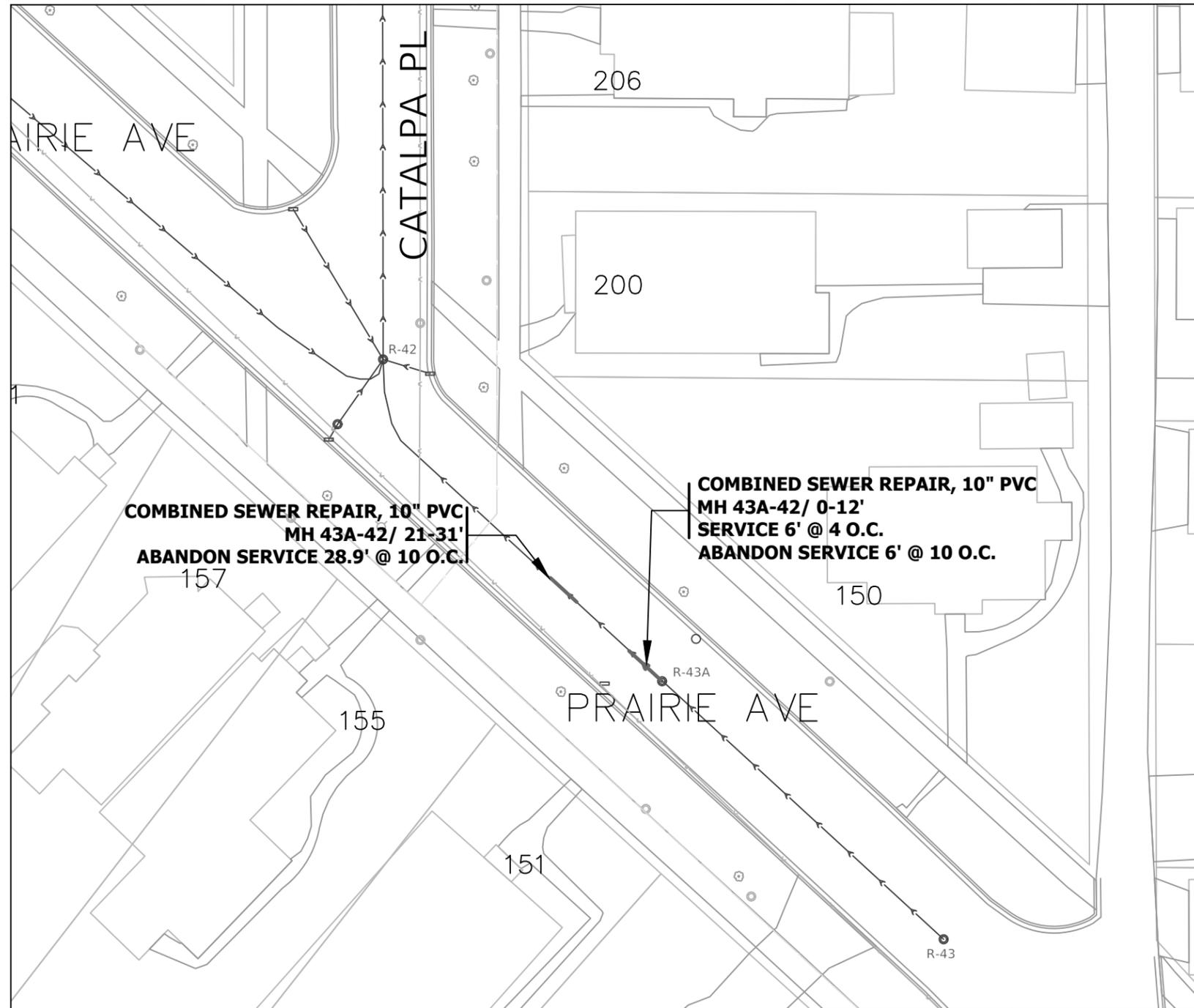


COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 20067		
WILMETTE, ILLINOIS		

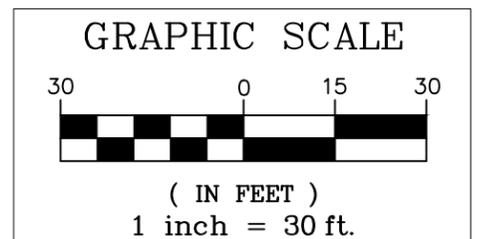


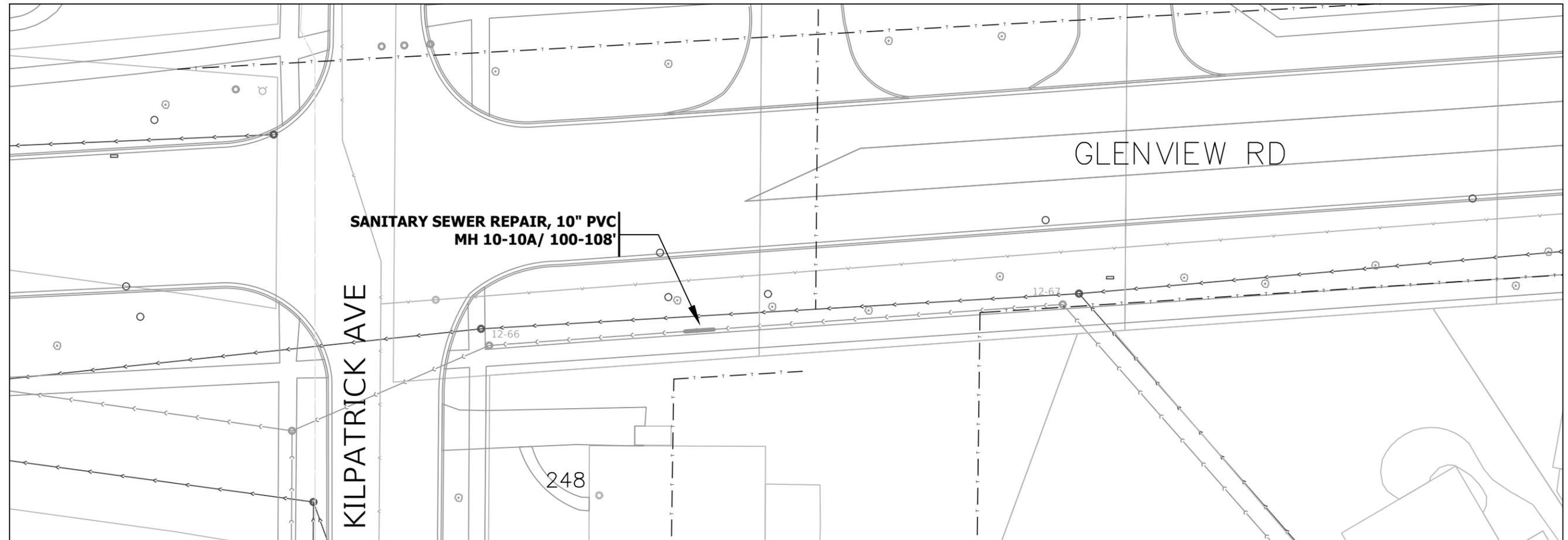
Street	Diameter/Type	MH to MH	Service(s)	Average Depth (FT)	Pavement	Patch
CENTRAL AVE (700 BLK)	18" LMT	69-68	36.0', 11 O'CLOCK	14.5	3.5" HMA / 9" PCC	3" HMA
CENTRAL AVE (700 BLK)	18" LMT	69-68	38.1', 2 O'CLOCK	14.5	3.5" HMA / 9" PCC	3" HMA
CENTRAL AVE (700 BLK)	18" LMT	69-68	136.0', 10 O'CLOCK	14.5	3.5" HMA / 9" PCC	3" HMA



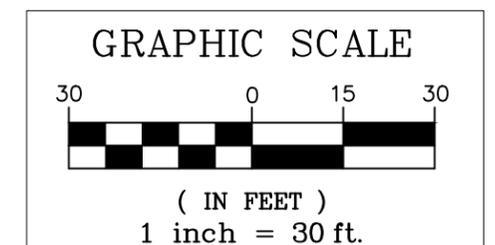


Street	MH to MH	Pipe Size/Type	Length of Repair (FT)	Average Depth (FT)	Service(s)	Pavement	Patch
Prairie Avenue	43A-42	10" PVC [ASTM D-3034]/ JOINT ASTM D-3212	12	6.5	1 replaced 1 abandoned	3.5" HMA / 4" Brick	4" HMA
Prairie Avenue	43A-42	10" PVC [ASTM D-3034]/ JOINT ASTM D-3212	10	6.5	1 abandoned	3.5" HMA / 4" Brick	4" HMA





Street	MH to MH	Pipe Size/Type	Length of Repair (FT)	Average Depth (FT)	Service(s)	Pavement	Patch
Glenview Road	67-66	10" PVC [ASTM D-3034]/ JOINT ASTM D-3212	10	6	0	Parkway	N/A

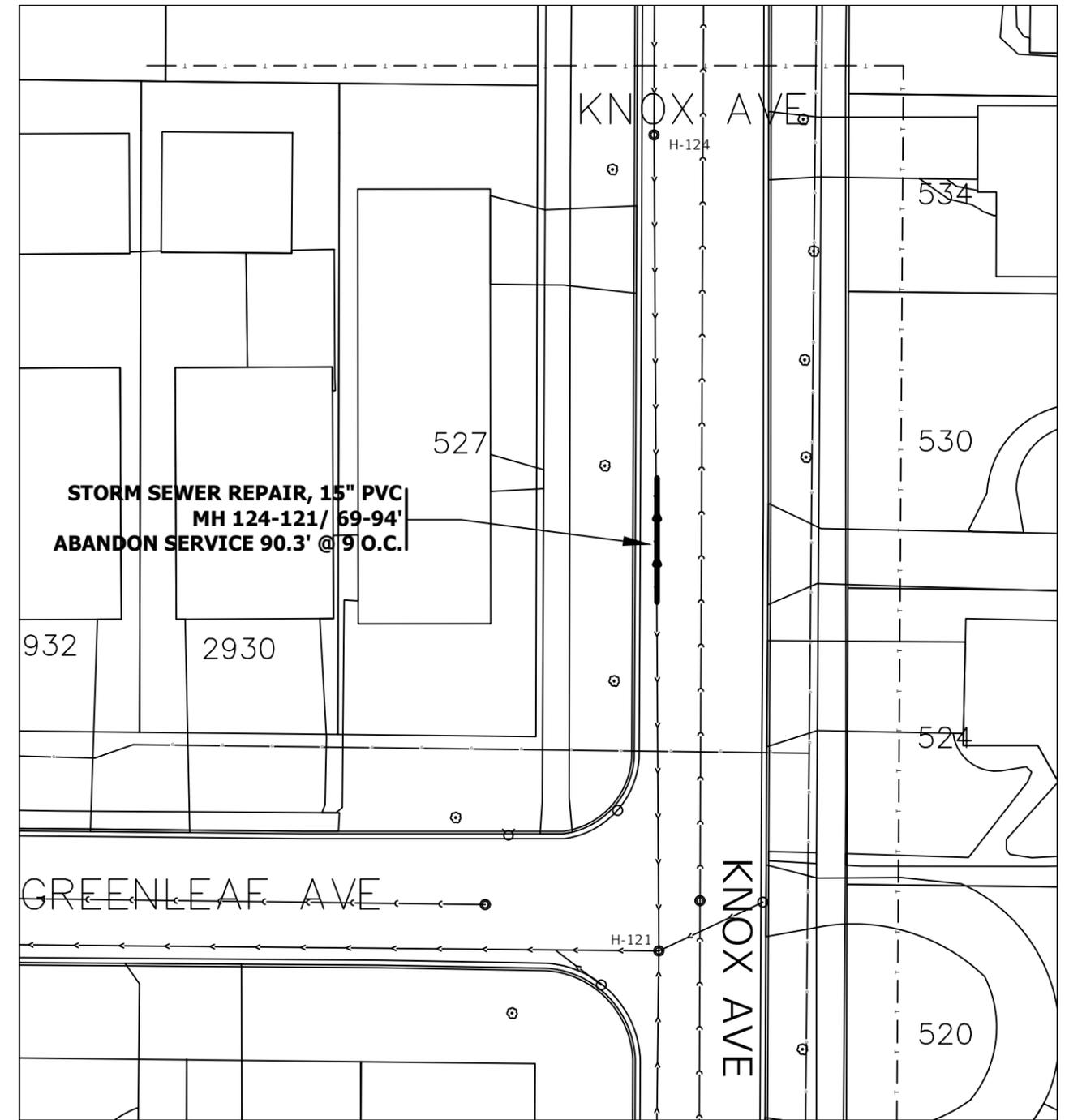
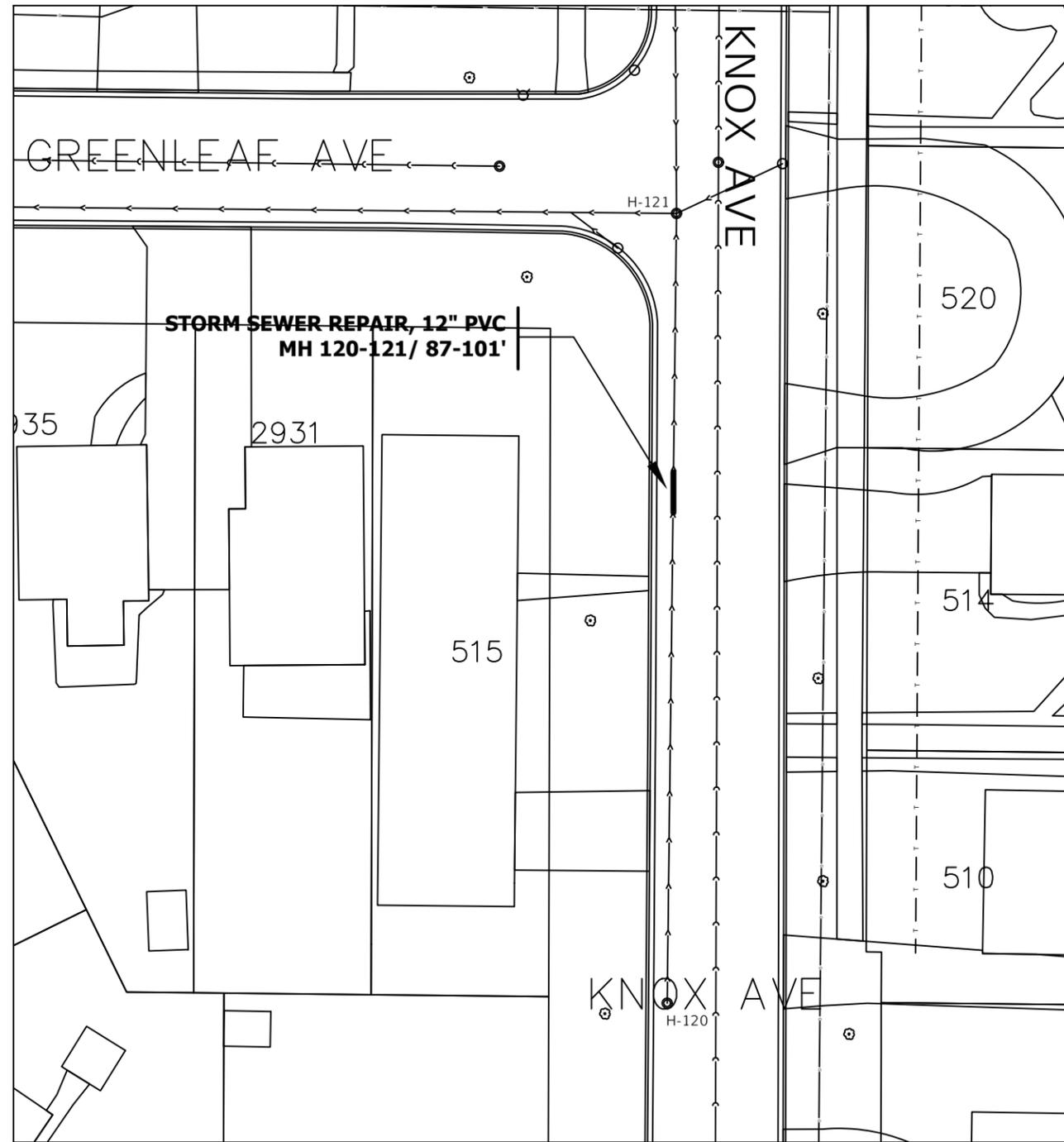


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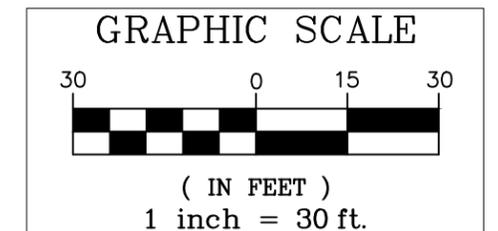


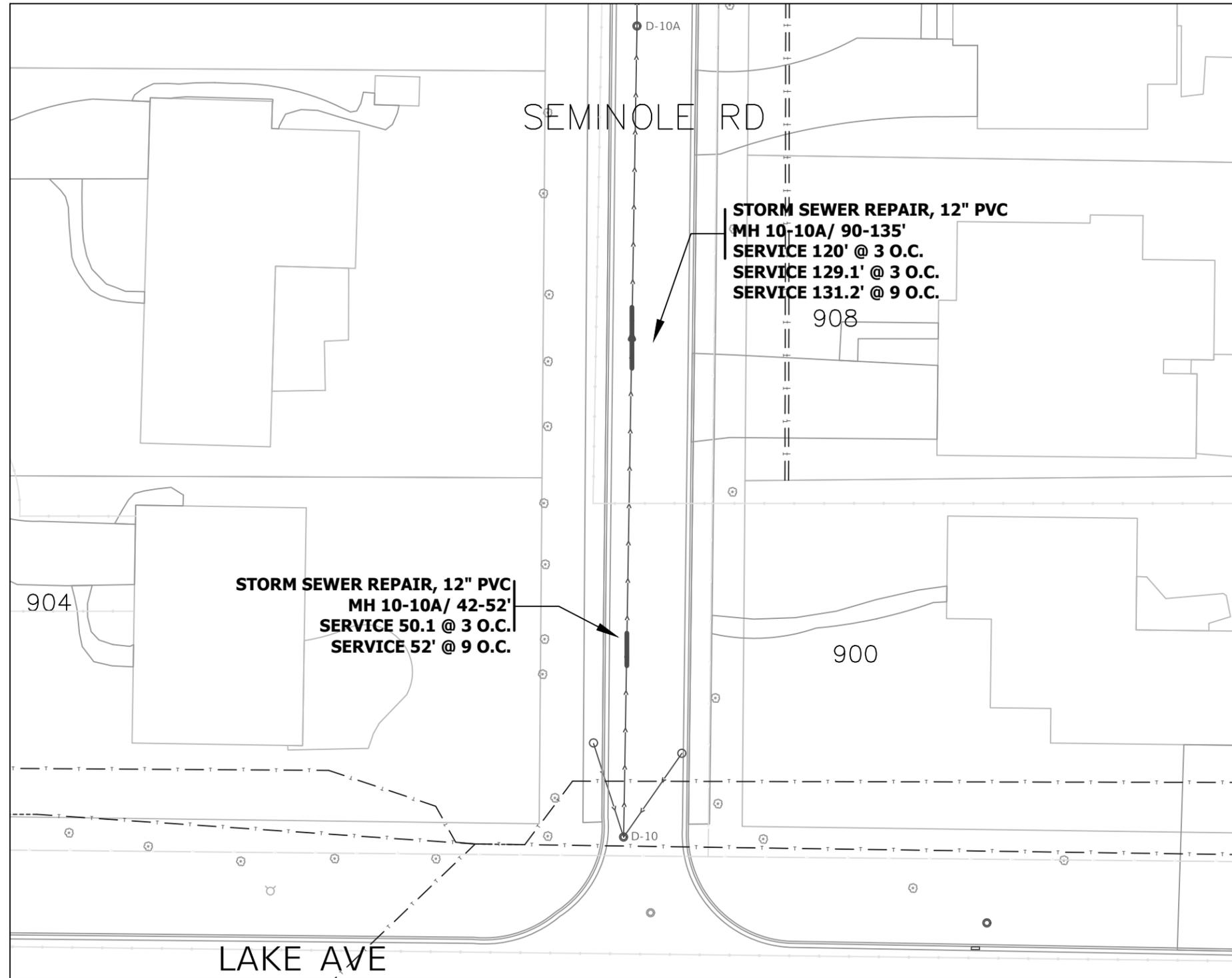
SCALE: 1"=30'	SHEET NO. 9 OF 21 SHEETS	STA. 0+00 TO STA. 0+00
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COUNTY	TOTAL SHEETS	SHEET NO.
COOK	21	9
CONTRACT NO. 20067		
WILMETTE, ILLINOIS		



Street	MH to MH	Pipe Size/Type	Length of Repair (FT)	Average Depth (FT)	Service(s)	Pavement	Patch
Knox Avenue	120-121	12" PVC [ASTM D-3034]/ JOINT ASTM D-3212	14	9	0	3.5" HMA	4" HMA Binder
Knox Avenue	124-121	15" PVC [ASTM D-3034]/ JOINT ASTM D-3212	25	9	1 abandoned	3.5" HMA	4" HMA Binder

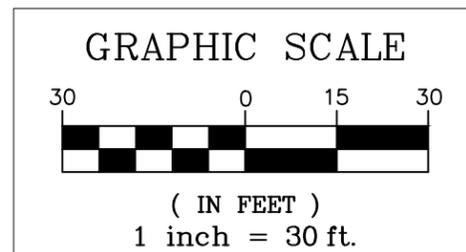




STORM SEWER REPAIR, 12" PVC
MH 10-10A/ 90-135'
SERVICE 120' @ 3 O.C.
SERVICE 129.1' @ 3 O.C.
SERVICE 131.2' @ 9 O.C.

STORM SEWER REPAIR, 12" PVC
MH 10-10A/ 42-52'
SERVICE 50.1 @ 3 O.C.
SERVICE 52' @ 9 O.C.

Street	MH to MH	Pipe Size/Type	Length of Repair (FT)	Average Depth (FT)	Service(s)	Pavement	Patch
Seminole Road	10-10A	12" PVC [ASTM D-3034]/ JOINT ASTM D-3212	10	6.5	2 replaced	5.5" HMA / 9" PCC	5.5" HMA / 9" PCC
Seminole Road	10-10A	12" PVC [ASTM D-3034]/ JOINT ASTM D-3212	45	6.5	3 replaced	5.5" HMA / 9" PCC	5.5" HMA / 9" PCC



USER NAME = *****	DESIGNED - DH	REVISED - 9/25/2020
PLOT SCALE = ViewportScale	DRAWN - ND	REVISED - -
PLOT DATE = 2/26/2019	CHECKED - -	REVISED - -
	DATE - -	REVISED - -

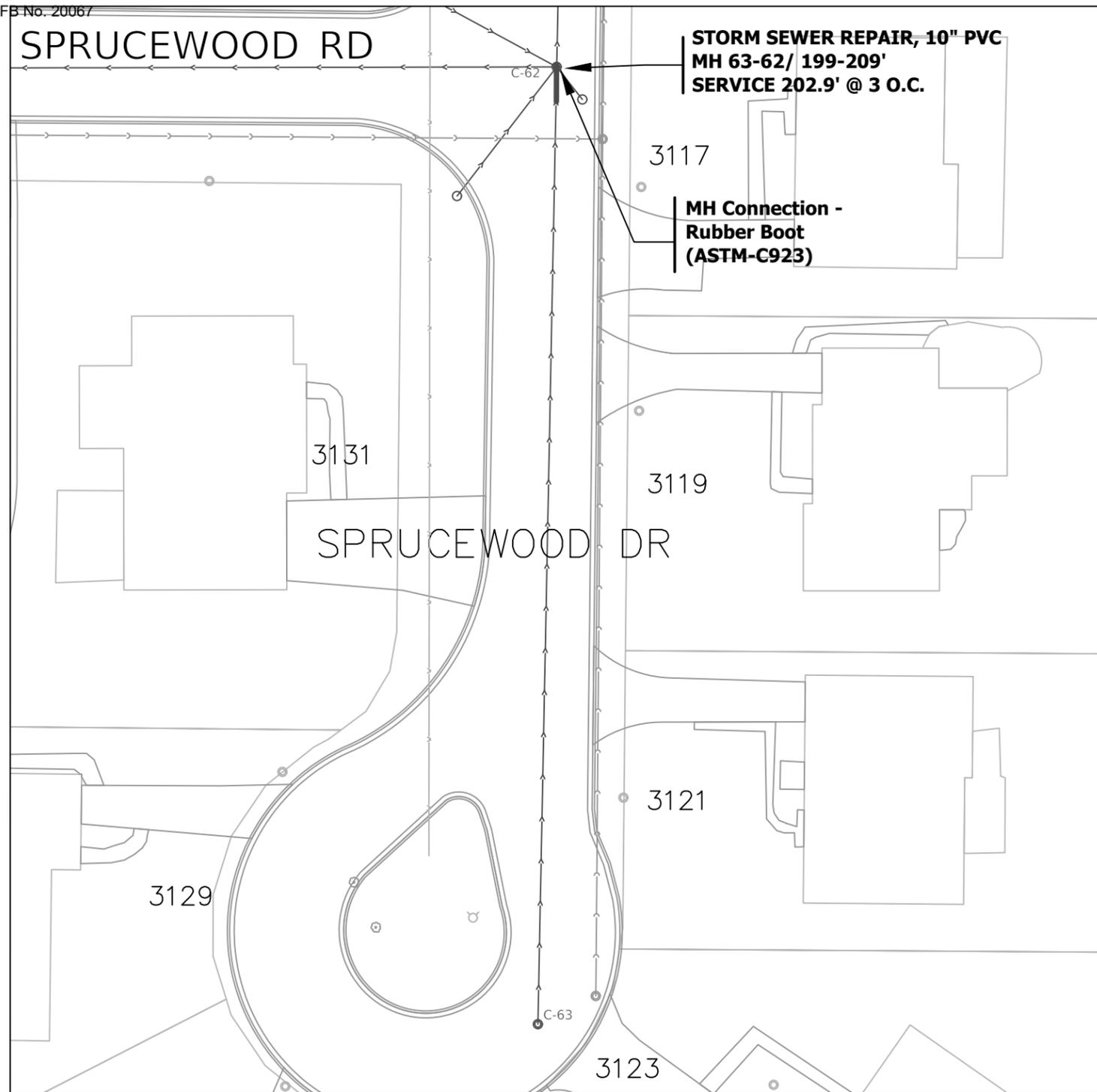


THE VILLAGE OF WILMETTE
 1200 WILMETTE AVENUE
 WILMETTE, ILLINOIS 60091
 P: 847-853-7660 F: 847-853-7701

2020 SEWER REPAIR AND VALVE INSTALLATION PROGRAM
 SEMINOLE ROAD SEWER REPAIR

SCALE: 1"=30' SHEET NO. 11 OF 21 SHEETS STA. 0+00 TO STA. 0+00

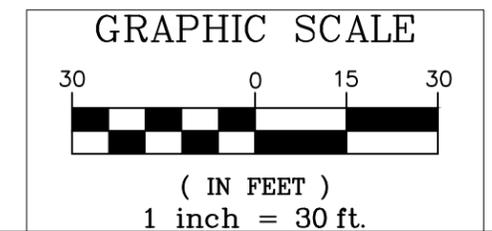
COUNTY	TOTAL SHEETS	SHEET NO.
COOK	21	11
CONTRACT NO. 20067		
WILMETTE, ILLINOIS		



**STORM SEWER REPAIR, 10" PVC
MH 63-62/ 199-209'
SERVICE 202.9' @ 3 O.C.**

**MH Connection -
Rubber Boot
(ASTM-C923)**

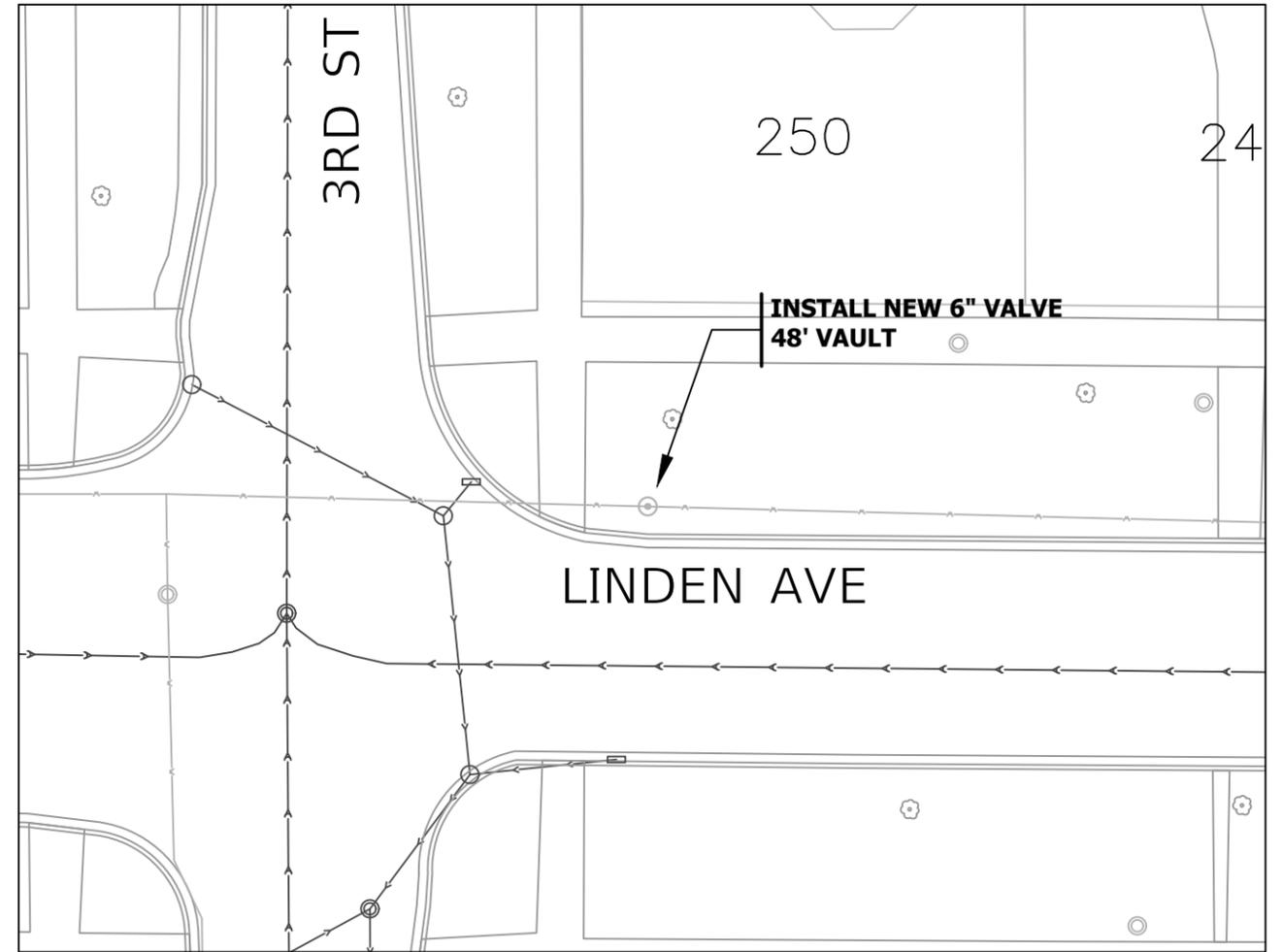
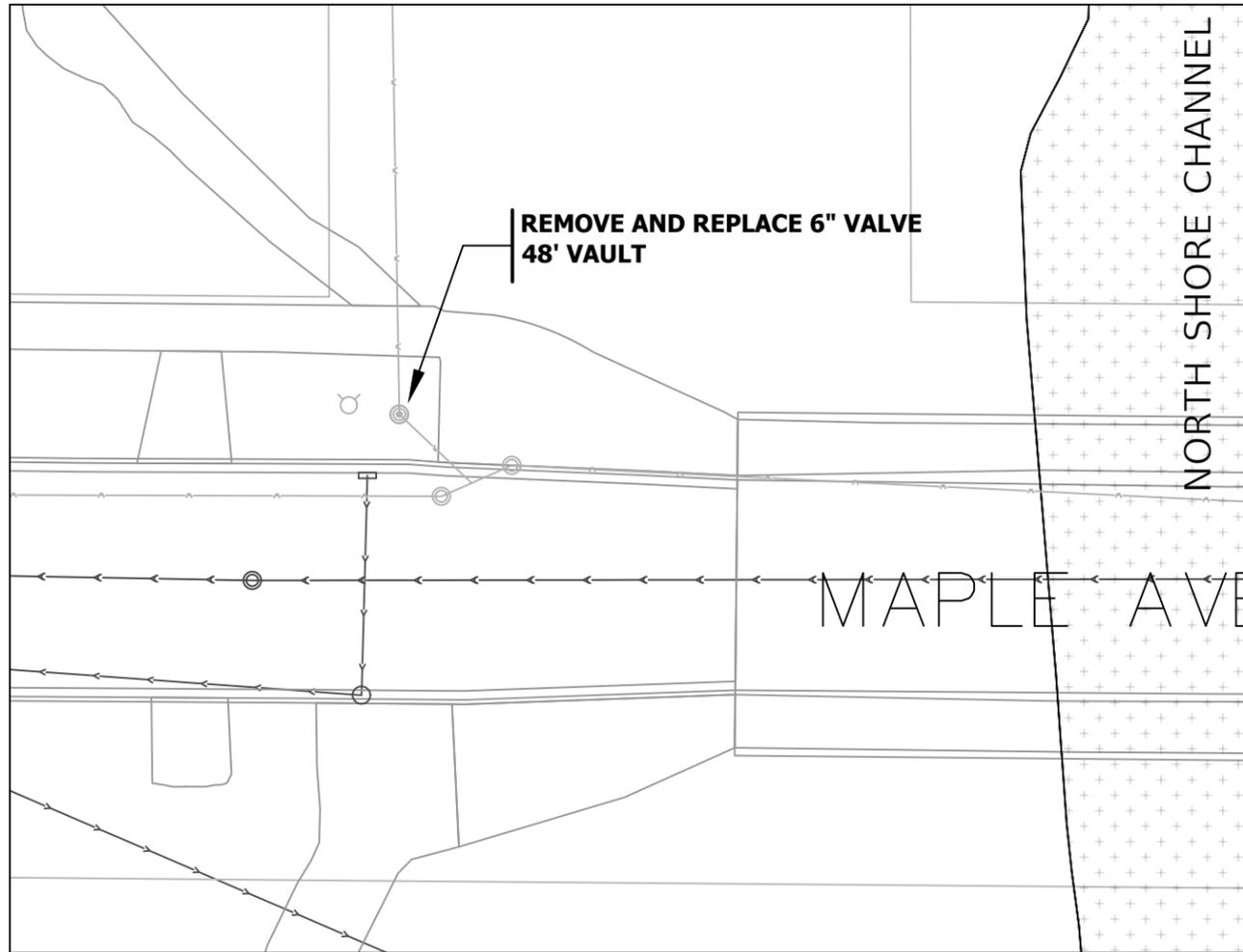
Street	MH to MH	Pipe Size/Type	Length of Repair (FT)	Average Depth (FT)	Service(s)	Pavement	Patch
Sprucewood Dr	63-62	10" PVC [ASTM D-3034]/ JOINT ASTM D-3212	10	5	1 replaced	4" HMA	4" HMA



USER NAME = *****	DESIGNED - DH	REVISED - 9/25/2020
PLOT SCALE = ViewportScale	DRAWN - ND	REVISED - -
PLOT DATE = 2/26/2019	CHECKED - -	REVISED - -
	DATE - -	REVISED - -



COUNTY	TOTAL SHEETS	SHEET NO.
COOK	21	12
CONTRACT NO. 20067		
WILMETTE, ILLINOIS		

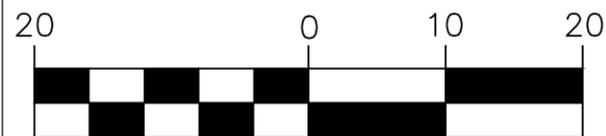


Street	Installation	Pavement	Patch
Maple Avenue	6" Gate Valve / 48" Vault	Parkway	N/A
Linden Avenue	6" Gate Valve / 48" Vault	Parkway	N/A

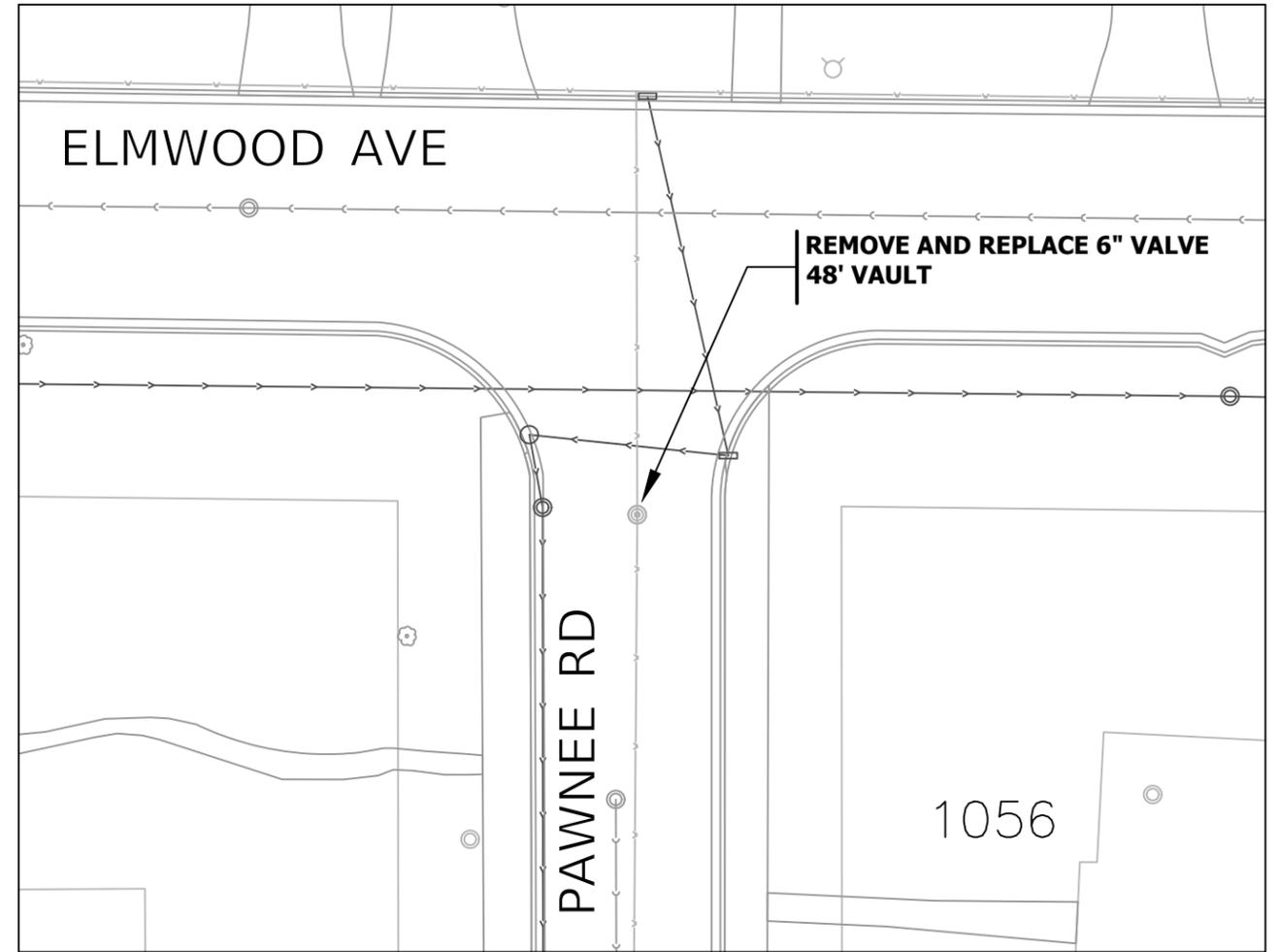
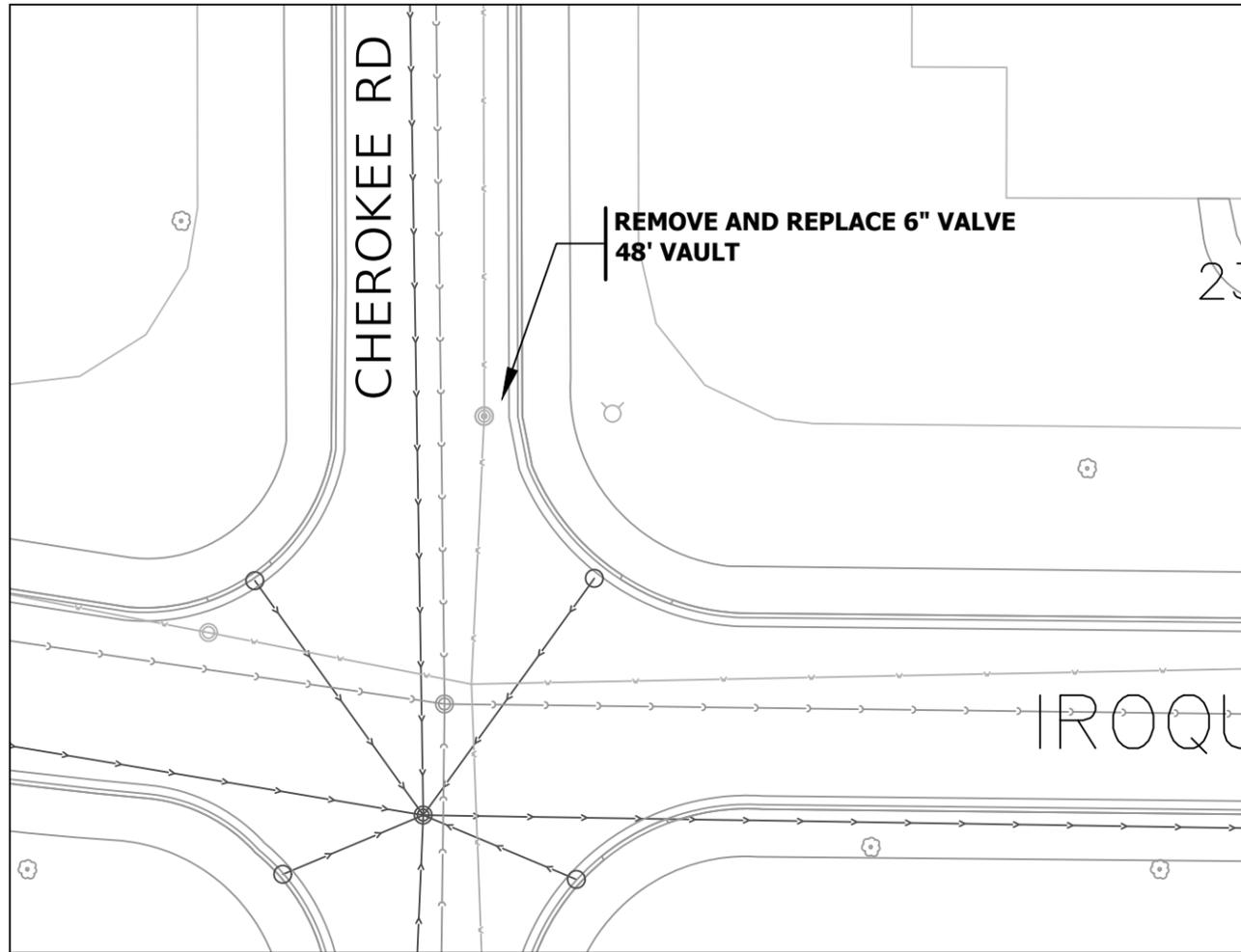
VALVE REPLACEMENT RESTRICTIONS:

- WATER SHUT-OFF TIMES ARE FROM 8:30AM TO 3:30PM (UNLESS OTHERWISE SPECIFIED)
- WATER MUST BE RESTORED BY 3:30PM
- CONTRACTOR CAN INSTALL A MAXIMUM OF TWO (2) VALVES PER DAY.
- UNDER NO CONDITION SHALL THE CONTRACTOR OPERATE ANY VILLAGE VALVES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION REQUIRING WATER MAIN SHUT DOWNS. THE CONTRACTOR SHALL COORDINATE ALL WATER MAIN SHUT DOWNS WITH THE ENGINEER. THE WATER & SEWER DIVISION WILL BE RESPONSIBLE FOR ALL MAIN SHUT DOWNS.

GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

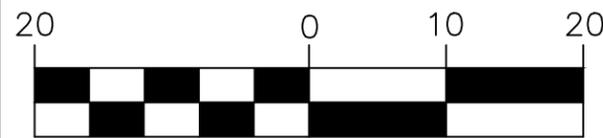


Street	Installation	Pavement	Patch
Cherokee Road	6" Gate Valve / 48" Vault	2.75" HMA / 9" PCC	1.5" HMA Surface / 1.5" HMA Binder / 9" PCC
Pawnee Road	6" Gate Valve / 48" Vault	10" HMA	2" HMA Surface / 6" HMA Binder

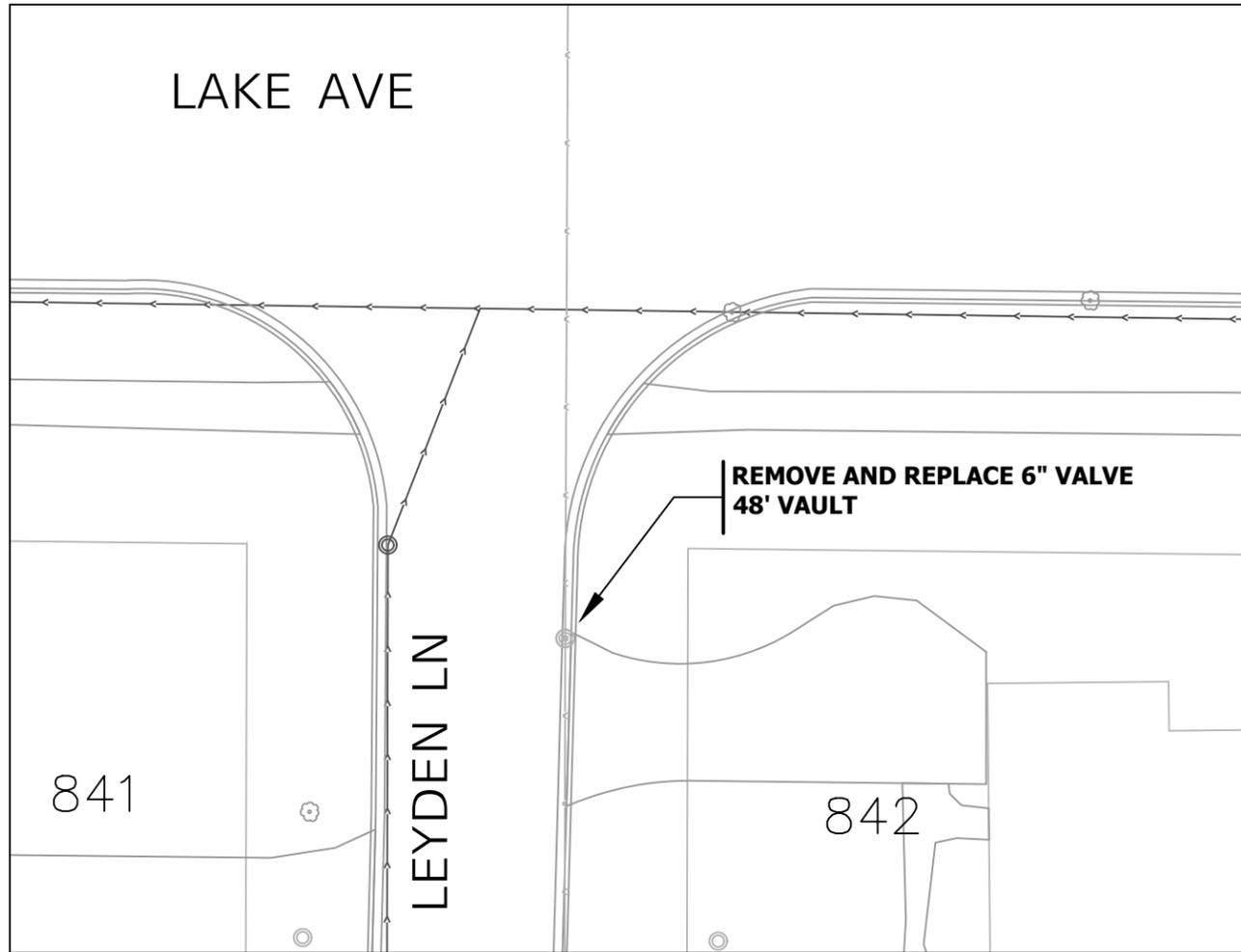
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GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.



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Street	Installation	Pavement	Patch
Leyden Lane	6" Gate Valve / 48" Vault	2.75" HMA	1.5" HMA Surface / 1.5" HMA Binder

