January 15, 2025

ADDENDUM No. 1

TO: All Potential Bidders

PROJECT: **GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM**

BID OPENING: Tuesday, January 21, 2025, 10:30 A.M.

The following is a list of changes to the above-referenced project. Please indicate your acknowledgment of Addendum No. 1 by executing the attached acknowledgement form and submitting it with your bid. Bidder shall also state on the envelope of the Bid that he or she is in receipt of Addendum #1.

ADDENDUM No. 1 CONSISTS OF (107) PAGES IN TOTAL. In addition to the (12) addendum pages, there are (32) pages of Special Provisions updates, as well as (63) pages of Construction Plan Set revisions.

CLARIFICATIONS:

1. **Please see attached clarifications:**
   a. Questions & Answers

2. **The entire revised plan set is attached, with a total of (31) sheets revised. The description of changes for each sheet can be found in this document.**

CHANGE THE FOLLOWING ITEM(S) IN THE BID DOCUMENTS:

SPECIFICATIONS:

1. **COMPLETION OF WORK**

DELETE the following on page 23.

“

2.3 COMPLETION OF WORK:

The Contractor shall fully complete the work to the satisfaction of the City within the time period specified in the proposal. Time is the essence of this agreement. All work shall be completed in an orderly and diligent manner. The Contractor shall cooperate with and conform to the requests of the City to expedite particular portions of the work where such alteration of the Contractor’s operation is deemed advisable by the City.

In the event no notice has been given but the work has nevertheless commenced, then such time shall begin to run from the actual commencement of work.

The N Broadway St area from Theodore St to Ruby St has scheduled water main replacement projects that the Contractor will have to build into their timeline. For the N Broadway St area, the water main project will begin on 4/1/2025. For the N Broadway St area, all work, as shown in the Plans, must be substantially complete by Tuesday, April 1, 2025."

INSERT the following on page 23.

"

2.3 COMPLETION OF WORK:

The Contractor shall fully complete the work to the satisfaction of the City within the time period specified in the proposal. Time is the essence of this agreement. All work shall be completed in an orderly and diligent manner. The Contractor shall cooperate with and conform to the requests of the City to expedite particular portions of the work where such alteration of the Contractor's operation is deemed advisable by the City.

In the event no notice has been given but the work has nevertheless commenced, then such time shall begin to run from the actual commencement of work.

The City has scheduled water main improvement projects that the Contractor will have to build into their timeline. For areas with coinciding water main improvement projects, all work must be completed prior to the Notice to Proceed or after Final Completion of the water main improvement project."

2. LIQUIDATED DAMAGES FOR DELAY

DELETE the following on page 24.

"Substantial Completion for the N Broadway St area from Theodore St to Ruby St will be Tuesday, April 1, 2025 to adhere to the water main project schedule. Please see the Plans for the Water Main Project Area."

INSERT the following on page 24.

"Substantial Completion for all project areas will be 335 Calendar Days from the Notice to Proceed."

3. GARNSEY PARK SEQUENCING OF CONSTRUCTION

DELETE the following on page 46.

"

8. GARNSEY PARK SEQUENCING OF CONSTRUCTION

Description. For the area of N Broadway St from Theodore St to Ruby St, the water main project will begin on 4/1/2025. The Contractor must coordinate their schedule with the water main contractor."

INSERT the following on page 46.

"

8. GARNSEY PARK SEQUENCING OF CONSTRUCTION

Description. For all areas overlapping with the water main project, the Contractor must coordinate their schedule with the water main contractor based on the dates shown in the table below. Please refer to the plans for specific areas.

The following table outlines the relevant water main improvement project names and dates. Please refer to the plans for specific areas.

Water Main Project Name	NTP Date	Final Date
Broadway (Theodore to Ruby)	4/1/2025	9/28/2025
North Downtown	4/1/2025	11/27/2025
Emerald Lawns Phase 1	5/1/2025	10/28/2025
Virginia Phase 1	3/15/2025	6/3/2025
Midland and Campbell	7/1/2025	10/29/2025
Upper Bluff	6/1/2025	12/28/2025
Marquette Park	5/1/2025	10/28/2025
North Prairie	6/1/2025	10/29/2025
Reedwood Phase 3	4/1/2025	8/29/2025
Hickory Creek West	5/1/2025	10/28/2025

"

4. CONTRACT COMPLETION

DELETE the following on page 47.

"

9. CONTRACT COMPLETION

It shall be understood and agreed that completion within the time limit is an essential part of the contract. The undersigned agrees to complete the work according to the schedules below unless additional time is granted in accordance with the specifications.

Garnsey Park – N Broadway St

- **Substantial Completion: Tuesday April 1, 2025.**
- **Final Completion: 365 Calendar Days from the NTP**

Garnsey Park – All Other Areas

- **Substantial Completion: 335 Calendar Days from the NTP.**
- **Final Completion: 365 Calendar Days from the NTP.**"

INSERT the following on page 47.

"

9. CONTRACT COMPLETION

It shall be understood and agreed that completion within the time limit is an essential part of the contract. The undersigned agrees to complete the work according to the schedules below unless additional time is granted in accordance with the specifications.

- **Substantial Completion: 335 Calendar Days from the NTP.**
- **Final Completion: 365 Calendar Days from the NTP.**"

5. TRANSITION LINER (OF DIAMETER SPECIFIED)

DELETE the following on page 68.

"

26. TRANSITION LINER

Description. This work consists of the installation of a diameter transition Cured-in-Place Pipe liner. The transition liner shall be the material specified, diameters specified, thicknesses specified for each diameter and installed as indicated under the provision CURED-IN-PLACE PIPELINING.

The design parameters shall be the same as described under the provision CURED-IN-PLACE PIPELINING.

This item shall be done at the locations shown on the plans or where directed by the Engineer.

Basis of Payment:

This work will be paid for at the Contract unit price per each for TRANSITION LINER (SPECIFIED TRANSITION) and shall include all labor, materials and equipment necessary to complete the work as specified herein. The contractor will be paid the length of each specified diameter lining separately as well as the TRANSITION LINER (SPECIFIED TRANSITION) for each transition liner installed."

INSERT the following on page 68.

"

26. TRANSITION LINER (OF DIAMETER SPECIFIED)

Description. This work consists of the installation of a diameter transition Cured-in-Place Pipe liner. The pertains to the lining of segment 19150B:19150 found on sheet 15 in the plans. The transition liner shall be the material specified, diameters specified, thicknesses specified for each diameter and installed as indicated under the provision CURED-IN-PLACE PIPELINING.

The design parameters shall be the same as described under the provision CURED-IN-PLACE PIPELINING.

This item shall be done at the locations shown on the plans or where directed by the Engineer.

Basis of Payment:

This work will be paid for at the Contract unit price per each for TRANSITION LINER (OF DIAMETER SPECIFIED) and shall include all labor, materials and equipment necessary to complete the work as specified herein. The contractor will be paid the length of each specified diameter lining separately as well as the TRANSITION LINER (OF DIAMETER SPECIFIED) for each transition liner installed."

6. PROPOSAL FORM

DELETE pages 141 through 145 in their entirety (5 pages).

INSERT the revised pages 142 through 146 in their entirety (5 pages).

On page 141, the schedules for Substantial Completion and Final Completion have been updated.

The following items have been removed from the SCHEDULE OF PRICES:

- Item 16 – Air Test and Grout Mainline Joint (10")
- Item 17 – Air Test and Grout Mainline Joint (12")
- Item 18 – Air Test and Grout Mainline Joint (15")
- Item 19 – Air Test and Grout Mainline Joint (18")
- Item 25 – Flowable Fill Abandon Mainline Sewer (15")

Quantities for the following items have been updated in the SCHEDULE OF PRICES:

- Item 12 – Transition Liner, 8" to 10"
- Item 15 – Air Test and Grout Mainline Joint (8")
- Item 34 – Install New Sanitary Manhole, Type A, 4' Diameter, Type 1 Frame, Closed Lid
- Item 42 – Vacuum Testing
- Item 47 – Plug Pipe with Mechanical Plug and Concrete Cap
- Item 48 – Abandon Sanitary Manhole

The Unit Type for Item 42 – Vacuum Testing has been changed from VF to Each.

7. NOTICE TO PROCEED

DELETE the following on page 171.

“

Garnsey Park – N Broadway St

- Substantial Completion: Tuesday April 1, 2025
- Final Completion: 365 Calendar Days on or before _____

Garnsey Park – All Other Areas

- Substantial Completion: 335 Calendar Days on or before _____.
- Final Completion: 365 Calendar Days on or before _____”

INSERT the following on page 172.

“

Garnsey Park – All Areas

- Substantial Completion: 335 Calendar Days on or before _____.
- Final Completion: 365 Calendar Days on or before _____”

SEWER REHABILITATION SCHEDULES:

1. APPENDIX A – PRE-CLEANING AND TELEVISING SCHEDULE

DELETE the PRE-CLEANING AND TELEVISING SCHEDULE in its entirety (6 pages).

INSERT the revised PRE-CLEANING AND TELEVISING SCHEDULE in its entirety (6 pages).

The segments 19084:19076, 18958:17075, and 19143 (9691):10247 (16606) have been removed from the project. Segment 19063:19062 has been added to the project.

2. APPENDIX B – PIPELINING SCHEDULE

DELETE the PIPELINING SCHEDULE in its entirety (7 pages).

INSERT the revised PIPELINING SCHEDULE in its entirety (7 pages).

The segments 19084:19076, 18958:17075, and 19143 (9691):10247 (16606) have been removed from the project. Segment 19063:19062 has been added to the project.

3. APPENDIX C – SERVICE GROUTING SCHEDULE

DELETE the SERVICE GROUTING SCHEDULE in its entirety (12 pages).

INSERT the revised SERVICE GROUTING SCHEDULE in its entirety (7 pages).

Duplicate manhole rehabilitation schedules were removed.

4. APPENDIX D – MANHOLE REHABILITATION SCHEDULE

DELETE the MANHOLE REHABILITATION SCHEDULE in its entirety (7 pages).

INSERT the revised MANHOLE REHABILITATION SCHEDULE in its entirety (7 pages).

The manholes 20119, 20116A, 19119, and 19150B have been removed from the project.

CONSTRUCTION PLAN SET:

1. COVER PAGE

DELETE the COVER PAGE in its entirety (1 sheet).

INSERT the revised COVER PAGE (1 sheet).

2. GENERAL NOTES

DELETE the GENERAL NOTES in its entirety (1 sheet).

INSERT the revised GENERAL NOTES (1 sheet).

The COMPLETION DATES SCHEDULE section has been revised to include updated Substantial Completion and Final Completion dates and to include a table with relevant water main improvement project names and milestones.

3. SUMMARY OF QUANTITIES

DELETE the SUMMARY OF QUANTITIES in its entirety (1 sheet).

INSERT the revised SUMMARY OF QUANTITIES (1 sheet).

The Summary of Quantities has been updated to match quantities in proposal.

3. SEWER REHABILITATION SHEETS

DELETE sheets 6, 9, 17, 19, 22, 23, 25 through 28, and 30 through 34.

INSERT sheets 6R, 9R, 17R, 19R, 22R, 23R, 25R through 28R, and 30R through 34R.

Sheets have been updated to reflect the milestones to which the Contractor must adhere corresponding to coinciding water main improvement projects.

DELETE sheet 13 – SEWER REHABILITATION – AREA 10.

INSERT the revised sheet 13R – SEWER REHABILITATION – AREA 10.

Manhole 20116A is to be installed under the separate North Downtown Water Main Improvements project prior to pipelining operations. Segment Capped:19642 has been removed from the project. The sheet has been updated to reflect the milestones to which the Contractor must adhere corresponding to the coinciding water main improvement project.

DELETE sheet 14 – SEWER REHABILITATION – AREA 11.

INSERT the revised sheet 14R – SEWER REHABILITATION – AREA 11.

The segment 19084:19076 has been removed from the project. The note pertaining to the sequencing of construction in relation to the water main improvement project has been removed.

DELETE sheet 15 – SEWER REHABILITATION – AREA 12.

INSERT the revised sheet 15R – SEWER REHABILITATION – AREA 12.

The City shall install a manhole at the 8” to 6” transition in order to secure better TV footage for the Contractor.

DELETE sheet 20 – SEWER REHABILITATION – AREA 17.

INSERT the revised sheet 20R – SEWER REHABILITATION – AREA 17.

The segment 19063:19062 has been added to the project. The sheet has been updated to reflect the milestones to which the Contractor must adhere corresponding to the coinciding water main improvement project.

DELETE sheet 21 – SEWER REHABILITATION – AREA 18.

INSERT the revised sheet 21R – SEWER REHABILITATION – AREA 18.

The segment 19084:19076 has been removed from the project. The sheet has been updated to reflect the milestones to which the Contractor must adhere corresponding to the coinciding water main improvement project.

DELETE sheet 24 – SEWER REHABILITATION – AREA 21.

INSERT the revised sheet 24R – SEWER REHABILITATION – AREA 21.

The segment 18958:17075 has been removed from the project. The sheet has been updated to reflect the milestones to which the Contractor must adhere corresponding to the coinciding water main improvement project.

DELETE sheet 29 – SEWER REHABILITATION – AREA 26.

INSERT the revised sheet 29R – SEWER REHABILITATION – AREA 26.

The segment 19143 (9691):10247 (16606) has been removed from the project. The sheet has been updated to reflect the milestones to which the Contractor must adhere corresponding to the coinciding water main improvement project.

4. MANHOLE REHABILITATION SHEETS

DELETE sheets 37 and 48.

INSERT sheets 37R and 48R.

Sheets have been updated to reflect the milestones to which the Contractor must adhere corresponding to coinciding water main improvement projects.

DELETE sheet 40 – MANHOLE REHABILITATION – M6.

INSERT the revised sheet 40R – MANHOLE REHABILITATION – M6.

Manholes 20119 and 20116A have been removed from the project and will be completed under the separate North Downtown Water Main Improvements project. The sheet has been updated to reflect the milestones to which the Contractor must adhere corresponding to the coinciding water main improvement project.

DELETE sheet 41 – MANHOLE REHABILITATION – M7.

INSERT the revised sheet 41R – MANHOLE REHABILITATION – M7.

Manhole 19119 has been removed from the project.

DELETE sheet 44 – MANHOLE REHABILITATION – M10.

INSERT the revised sheet 44R – MANHOLE REHABILITATION – M10.

Manholes 20119 and 20116A have been removed from the project and will be completed under the separate North Downtown Water Main Improvements project. The sheet has been updated to reflect the milestones to which the Contractor must adhere corresponding to the coinciding water main improvement project.

DELETE sheet 46 – MANHOLE REHABILITATION – M12.

INSERT the revised sheet 46R – MANHOLE REHABILITATION – M12.

The proposed manhole installation at 1108 Highland Ave has been removed from the project and will be completed by the City during the bidding process.

5. DETAILS

DELETE sheet 62 – DETAILS 2.

INSERT the revised sheet 62R – DETAILS 2.

A detail related to the abandonment of sewers and structures has been removed from the detail sheet.

QUESTIONS FROM POTENTIAL BIDDERS AND ANSWERS

Q: Item 42 in the Schedule of Prices shows VF for the units. Should this be Each, instead of Vertical Feet?

A: Yes, The Unit Type for Item 42 – Vacuum Testing has been changed from VF to Each.

Q: Please confirm the contractor is allowed to release filtered water removed during the pipe vacuuming process (known as “decant water”) into the sanitary or storm system.

a. If the decant water is to be released to the sanitary system, please confirm the sanitary sewer operator has granted permission.

b. If the decant water is to be released to the storm system, please provide a copy of the MS4 permit.

A: The Contractor is authorized to decant in the sanitary system, but is not permitted to release into the storm system.

Q: *For storm sewer rehabilitation.* Please confirm that the water introduced for the pipe jetting process is allowed to remain in the storm system.

A: Yes, the water introduced for the pipe jetting process may remain in the storm system.

Q: Are there any well water areas, wetland areas, ground water or other sensitive environments proximate to the work area? If so, are there specific controls required to protect these areas such as “preliners”?”

A: There are no such areas proximate to the work area, therefore no specific controls are required to protect these areas.

Q: *In the case of Hot Water Cured CIPP Lining.* Are there any requirements to capture the water used to invert/cure the CIPP liner? If so, where should contractor dispose of such captured water?”

A: For sanitary system lining, the Contractor does not need to capture the water used to invert/cure the CIPP liner. For storm system lining, the Contractor is required to capture the water and dispose of it in the sanitary system.

CITY OF JOLIET

PROJECT: **City of Joliet, GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM**

BID OPENING: Tuesday, January 21, 2025, 10:30 A.M.

ADDENDUM NO. 1

Instructions: Please sign and date this receipt as acknowledgement of ADDENDUM NO.1 for the above-referenced project and submit it with your bid.

Failure to acknowledge receipt of ADDENDUM NO.1 may result in Contractor's BID being considered non-compliant.

Bidder shall also state on the OUTSIDE of the bid submittal envelope that he or she is in receipt of addendum #1 or your bid may not be opened

Signature: _____

Name: _____

Company: _____

Position: _____

Date: _____

within the time limit is an essential part of the contract. The undersigned agrees to complete the work according to the schedules below unless additional time is granted in accordance with the specifications.

Garnsey Park – All Areas

- **Substantial Completion: 335 Calendar Days from the NTP.**
- **Final Completion: 365 Calendar Days from the NTP.**

In case of failure to complete the work in or before the time named herein or within such extra time as may have been allowed by extensions, the undersigned agrees that the City of Joliet shall withhold, from each sums as may be due him under the terms of this contract, the costs, set forth in the specifications of the contract, which costs shall be considered and treated not as a penalty but as damages due to the City of Joliet from the undersigned by reason on inconvenience to the public, added cost of engineering and supervision and other items which have caused an expenditure of public funds resulting from the failure of the under signed to complete the work within the time specified in the contract.

13. Accompanying this proposal is a bank draft, bank cashier's check, bid bond or a certified check, complying with the requirements of the specifications, made payable to the City of Joliet.

THE AMOUNT OF THE CHECK OR DRAFT IS ($_____

_____

If this proposal is accepted and the undersigned shall fail to execute a contract and contract bond as required within, it is hereby agreed that the amount of the check or bank draft shall become the property of the City of Joliet and shall be considered as payment of damages due to delay and other causes suffered by the City of Joliet because of the failure to execute said contract and contract bond; otherwise said check or draft, shall be returned to the undersigned.

14. The undersigned submits herewith his schedule of prices covering the work to be performed under this contract; he understands that he must show in the schedule of unit prices for which he proposes each item of work, that the extensions must be made by him and that if not so done his proposal may be rejected as irregular.

15. All bidders must furnish current financial statement with the bid.

16. All bidders must furnish a list of equipment available for and to be used on this project with their bid.

17. The undersigned submits herewith his schedule of prices covering the work to be performed.

BIDDER agrees to perform all the work described in CONTRACT Documents for the following unit prices. BIDS shall include all applicable taxes and fees. OWNER reserves the right to increase or decrease quantities without changes in unit price.

SCHEDULE OF PRICES
(PART A AND B)

ITEM NO.	PART A ITEM DESCRIPTION	BID QTY	UNITS	UNIT PRICE	TOTAL PRICE
1	Pre-Construction Cleaning and Televising	42,450	LF		
2	Field Locate & Mark (Sonde Locating)	5	EACH		
3	Project Management	14	HR		
4	Cured-in-Place Pipelining (6")	275	LF		
5	Cured-in-Place Pipelining (8")	17,770	LF		
6	Cured-in-Place Pipelining (10")	11,700	LF		
7	Cured-in-Place Pipelining (12")	4,070	LF		
8	Cured-in-Place Pipelining (15")	4,900	LF		
9	Cured-in-Place Pipelining (18")	1,080	LF		
10	Cured-in-Place Pipelining (24")	720	LF		
11	Lateral Reinstatements	945	EACH		
12	Transition Liner, 8" to 10"	2	EACH		
13	Cut Protruding Taps	185	EACH		
14	Cut Protruding Taps using Schwalm Robot	20	EACH		
15	Air Test and Grout Mainline Joint (8")	5	EACH		

ITEM NO.	PART A ITEM DESCRIPTION	BID QTY	UNITS	UNIT PRICE	TOTAL PRICE
16	Air Test Service Connection (5-foot)	500	EACH		
17	Grout Service Connection (5-foot)	500	EACH		
18	Dye Testing of Parcels	95	EACH		
19	Lateral Launch Parcels	15	EACH		
20	Flowable Fill Abandon Mainline Sewer (10")	2	CY		
21	Replace Sanitary Cover	13	EACH		
22	Seal & Adjust Manhole Frame (Paved)	67	EACH		
23	Seal & Adjust Manhole Frame (Unpaved)	3	EACH		
24	Raise Buried Manhole (Paved)	1	EACH		
25	Raise Buried Manhole (Unpaved)	1	EACH		
26	Replace Sanitary Frame & Cover (Paved)	20	EACH		
27	Replace Sanitary Frame & Cover (Unpaved)	3	EACH		
28	Internal Chimney Seal	8	EACH		
29	Install New Sanitary Manhole, Type A, 4' Diameter, Type 1 Frame, Closed Lid	1	EACH		
30	Install Barrel Section	1	EACH		
31	Grout Wall Joints	20	EACH		
32	Grout Bottom 18"	6	EACH		
33	Curtain Grout Manhole	1	EACH		
34	Cementitious Manhole Sealing, 24" Dia.	10	VF		
35	Cementitious Manhole Sealing, 36" Dia.	215	VF		
36	Cementitious Manhole Sealing, 48" Dia.	700	VF		
37	Vacuum Testing	26	EACH		

ITEM NO.	PART A ITEM DESCRIPTION	BID QTY	UNITS	UNIT PRICE	TOTAL PRICE
38	Epoxy Coating, 36" Dia.	25	VF		
39	Repair Bench & Trough	2	EACH		
40	Replace Bench & Trough	7	EACH		
41	Pour Bench	5	EACH		
42	Plug Pipe with Mechanical Plug and Concrete Cap	2	EACH		
43	Abandon Sanitary Manhole	2	EACH		
44	HMA Driveway Pavement Removal and Replacement	25	SY		
45	PCC Driveway Pavement Removal and Replacement	25	SY		
46	Contingent Cash Allowance	1	LS	$85,000.00	$85,000.00
				PART A BID TOTAL	

PART A BID TOTAL:

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(in writing)

Company name: _____

Address: _____

_____

Phone number: _____

Contact person: _____

Email address: _____

ITEM NO.	PART B ITEM DESCRIPTION	BID QTY	UNITS	UNIT PRICE	TOTAL PRICE
47	Replace Water Valve Vault Cover	5	EACH		
48	Replace Water Valve Vault Frame & Cover (Paved)	15	EACH		
				PART B BID TOTAL	

PART B BID TOTAL:

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(in writing)

Company name: _____

Address: _____

_____

Phone number: _____

Contact person: _____

Email address: _____

CITY OF JOLIET

GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM

PRE-CLEANING AND TELEVISING SCHEDULE

USMH	DSMH	Type	Street	Material	Diameter (in)	Length (ft)	Protruding Taps	Project Work	Exhibit Grid Number(s)
19129	19131	Sanitary	CLEMENT ST	VCP	8	322.0	2	CIPP Lining, Service Grouting,	1
19129	19136	Sanitary	CLEMENT ST	VCP	8	311.0	2	CIPP Lining, Service Grouting,	1
19128	19259	Sanitary	HIGHLAND AVE	VCP/PVC	8	343.0	4	CIPP Lining, Service Grouting,	1
19131	19133	Sanitary	CLEMENT ST	VCP	8	275.0	1	CIPP Lining, Service Grouting,	1
19139	19140	Sanitary	HIGHLAND AVE	VCP	8	317.0	2	CIPP Lining, Service Grouting,	1
19140	19128	Sanitary	HIGHLAND AVE	VCP	8	357.0	1	CIPP Lining, Service Grouting,	1
19582	19699	Sanitary	NICHOLSON ST	VCP	8	312.0	1	CIPP Lining, Service Grouting,	2
19584	19698	Sanitary	DEARBORN ST	PVC/VCP	8	325.0	4	CIPP Lining, Service Grouting,	2
19693	19694	Sanitary	NICHOLSON ST	VCP	8	339.0	4	CIPP Lining, Service Grouting,	2
19697	19695	Sanitary	DEARBORN ST	VCP	8	337.0	4	CIPP Lining, Service Grouting,	2
19698	19697	Sanitary	DEARBORN ST	VCP	8	362.0	4	CIPP Lining, Service Grouting,	2
19699	19693	Sanitary	NICHOLSON ST	VCP	8	360.0	6	CIPP Lining, Service Grouting,	2
20127	20125	Sanitary	N BROADWAY ST	VCP	15	380.0	1	CIPP Lining, Service Grouting,	3
20125	20124	Sanitary	N BROADWAY ST	VCP	18	214.0	0	CIPP Lining, Service Grouting,	3
20128	20127	Sanitary	N BROADWAY ST	VCP	15	341.0	0	CIPP Lining, Service Grouting,	3
19581	19582	Sanitary	NICHOLSON ST	VCP	8	310.0	1	CIPP Lining, Service Grouting,	4
19581	19680	Sanitary	NICHOLSON ST	VCP	10	320.0	3	CIPP Lining, Service Grouting,	4
19136	19135	Sanitary	CLEMENT ST	VCP	10	305.0	5	CIPP Lining, Service Grouting,	4
19141	19115	Sanitary	CLEMENT ST	VCP	10	296.0	0	CIPP Lining, Service Grouting,	4
19143	19141	Sanitary	CLEMENT ST	VCP	10	329.0	3	CIPP Lining, Service Grouting,	4
19144	19139	Sanitary	HIGHLAND AVE	VCP	8	306.0	3	CIPP Lining, Service Grouting,	4
19680	19679	Sanitary	NICHOLSON ST	VCP	10	312.0	3	CIPP Lining, Service Grouting,	4
19135	19143	Sanitary	RUSSELL AVE	VCP	10	111.7	2	CIPP Lining, Service Grouting,	4
19138	19130	Sanitary	LAWRENCE AVE	VCP	8	309.0	0	CIPP Lining, Service Grouting,	4, 1
19671	19674	Sanitary	FRANK AVE	CIPP	8	343.0	0	Service Grouting,	5
19663	19664	Sanitary	ELIZABETH ST	VCP	10	232.0	1	CIPP Lining, Service Grouting,	5
19667	19675	Sanitary	N CENTER ST	VCP	8	230.0	3	CIPP Lining, Service Grouting,	5
19667	19666	Sanitary	N CENTER ST	VCP	8	252.0	2	CIPP Lining, Service Grouting,	5
19684	19583	Sanitary	DEARBORN ST	VCP/PVC	8	327.0	0	CIPP Lining, Service Grouting,	5
19684	19683	Sanitary	DEARBORN ST	VCP	8	302.0	3	CIPP Lining, Service Grouting,	5
19583	19584	Sanitary	DEARBORN ST	VCP/PVC	8	298.0	1	CIPP Lining, Service Grouting,	5
19585	19676	Sanitary	CORA ST	VCP	8	232.0	1	CIPP Lining, Service Grouting,	5
19661	19585	Sanitary	RUSSELL ST	VCP	8	347.0	1	CIPP Lining, Service Grouting,	5

CITY OF JOLIET

GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM

PRE-CLEANING AND TELEVISING SCHEDULE

USMH	DSMH	Type	Street	Material	Diameter (in)	Length (ft)	Protruding Taps	Project Work	Exhibit Grid Number(s)
19662	19661	Sanitary	N CENTER ST	VCP	8	253.0	2	CIPP Lining, Service Grouting,	5
19669	19671	Sanitary	CORA ST	VCP	8	234.0	0	CIPP Lining, Service Grouting,	5
19673	19674	Sanitary	ELIZABETH ST	VCP	10	236.0	1	CIPP Lining, Service Grouting,	5
19675	19661	Sanitary	N CENTER ST	VCP	8	237.0	3	CIPP Lining, Service Grouting,	5
19692	19662	Sanitary	N CENTER ST	VCP	8	237.0	3	CIPP Lining, Service Grouting,	5
19674	19677	Sanitary	FRANK AVE	CIPP	8	173.0	0	Service Grouting,	5, 6
19596	19597	Sanitary	FRANK AVE	CIPP	8	194.0	0	Service Grouting,	6
19597	19558	Sanitary	FRANK AVE	CIPP	8	156.0	0	Service Grouting,	6
19677	19596	Sanitary	FRANK AVE	CIPP	8	176.0	0	Service Grouting,	6
19643	19596	Sanitary	N HICKORY ST	VCP	8	232.0	0	CIPP Lining, Service Grouting,	6
19529	19531	Sanitary	INDUSTRY AVE	CAS	18	345.0	0	CIPP Lining, Service Grouting,	6
19646	19645	Sanitary	N HICKORY ST	VCP	10	232.0	3	CIPP Lining, Service Grouting,	6
20118	20117	Sanitary	N BROADWAY ST	VCP	15	235.0	0	CIPP Lining, Service Grouting,	6
20122	20118	Sanitary	N BROADWAY ST	VCP	15	400.0	0	CIPP Lining, Service Grouting,	6
20124	19529	Sanitary	INDUSTRY AVE	VCP	18	58.0	0	CIPP Lining,	6
19645	19596	Sanitary	FRANK AVE	VCP	10	232.1	0	CIPP Lining, Service Grouting,	6
19116	19118	Sanitary	WILCOX ST	CIPP	10	315.0	0	Service Grouting,	7
19093	19119	Sanitary	WILCOX ST	PVC/VCP/Iron	8	227.0	4	CIPP Lining, Service Grouting,	7
19090	19117	Sanitary	KELLY AVE	VCP	8	193.0	3	CIPP Lining, Service Grouting,	7
19109	19117	Sanitary	KELLY AVE	VCP	10	627.0	18	CIPP Lining, Service Grouting,	7
19117	19118	Sanitary	INGALLS AVE	VCP	10	330.0	1	CIPP Lining, Service Grouting,	7
19118	19120	Sanitary	INGALLS AVE	VCP	10	328.0	0	CIPP Lining, Service Grouting,	7
19111	19116	Sanitary	WILCOX ST	PVC/VCP	8	200.0	1	CIPP Lining, Service Grouting,	7
19113	19112	Sanitary	OAKLAND AVE	VCP/PVC	10	314.0	1	CIPP Lining, Service Grouting,	8
19112	19120	Sanitary	OAKLAND AVE	PVC/VCP	10	334.0	1	CIPP Lining, Service Grouting,	8
19114	19121	Sanitary	CLEMENT ST	VCP	10	324.0	0	CIPP Lining, Service Grouting,	8
19115	19114	Sanitary	CLEMENT ST	VCP	10	342.0	0	CIPP Lining, Service Grouting,	8
19120	19121	Sanitary	INGALLS AVE	VCP	10	314.0	0	CIPP Lining, Service Grouting,	8
19121	19127	Sanitary	INGALLS AVE	VCP/Iron	10	331.0	1	CIPP Lining, Service Grouting,	8
19124	19660	Sanitary	INGALLS AVE	VCP	10	329.0	1	CIPP Lining, Service Grouting,	8
19126	19127	Sanitary	HIGHLAND AVE	VCP/Iron	10	38.0	0	CIPP Lining,	8
19127	19124	Sanitary	INGALLS AVE	VCP	10	327.0	0	CIPP Lining, Service Grouting,	8
19146	19127	Sanitary	HIGHLAND AVE	VCP	10	323.0	2	CIPP Lining, Service Grouting,	8

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USMH	DSMH	Type	Street	Material	Diameter (in)	Length (ft)	Protruding Taps	Project Work	Exhibit Grid Number(s)
19156	19126	Sanitary	HIGHLAND AVE	P/PVC/Concr	10	245.0	2	CIPP Lining, Service Grouting,	8
19157	19125	Sanitary	NICHOLSON ST	VCP/PVC	8	199.0	1	CIPP Lining, Service Grouting,	8
19678	19124	Sanitary	NICHOLSON ST	VCP	10	329.0	2	CIPP Lining, Service Grouting,	8
19679	19678	Sanitary	NICHOLSON ST	VCP	10	332.0	3	CIPP Lining, Service Grouting,	8
19125	19124	Sanitary	NICHOLSON ST	VCP	10	74.6	0	CIPP Lining, Service Grouting,	8
19672	19656	Sanitary	ELIZABETH ST	CIPP	8	386.0	0	Service Grouting,	9
19657	19656	Sanitary	INGALLS AVE	VCP	8	162.0	1	CIPP Lining, Service Grouting,	9
19668	19669	Sanitary	CORA ST	VCP	8	230.0	1	CIPP Lining, Service Grouting,	9
19668	19658	Sanitary	CORA ST	VCP	8	387.0	2	CIPP Lining, Service Grouting,	9
19672	19673	Sanitary	ELIZABETH ST	VCP	8	230.0	1	CIPP Lining, Service Grouting,	9
19592	19659	Sanitary	N CENTER ST	VCP	10	332.0	1	CIPP Lining, Service Grouting,	9
19599	19658	Sanitary	CORA ST	PVC/VCP/Iron	8	232.0	2	CIPP Lining, Service Grouting,	9
19601	19656	Sanitary	ELIZABETH ST	VCP/Iron	8	331.0	0	CIPP Lining, Service Grouting,	9
19656	19655	Sanitary	INGALLS AVE	VCP	8	304.0	1	CIPP Lining, Service Grouting,	9
19658	19657	Sanitary	INGALLS AVE	VCP	8	180.0	1	CIPP Lining, Service Grouting,	9
19659	19658	Sanitary	INGALLS AVE	VCP/PVC	8	334.0	0	CIPP Lining, Service Grouting,	9
19660	19659	Sanitary	INGALLS AVE	VCP	8	334.0	0	CIPP Lining, Service Grouting,	9
19665	19659	Sanitary	N CENTER ST	VCP	10	300.0	2	CIPP Lining, Service Grouting,	9
19666	19665	Sanitary	N CENTER ST	VCP	8	301.0	1	CIPP Lining, Service Grouting,	9
19682	19660	Sanitary	DEARBORN ST	VCP	8	325.0	2	CIPP Lining, Service Grouting,	9
19683	19682	Sanitary	DEARBORN ST	VCP/PVC	8	335.0	3	CIPP Lining, Service Grouting,	9
19642	19641	Sanitary	SMITH AVE	CIPP	8	234.0	0	Service Grouting,	10
19643	19642	Sanitary	N HICKORY ST	VCP/PVC	8	232.0	0	CIPP Lining, Service Grouting,	10
19644	19642	Sanitary	N HICKORY ST	VCP	8	327.0	0	CIPP Lining, Service Grouting,	10
19651	19649	Sanitary	N HICKORY ST	VCP	10	316.0	0	CIPP Lining, Service Grouting,	10
19652	19655	Sanitary	SUMMIT ST	VCP	10	334.0	1	CIPP Lining, Service Grouting,	10
19655	19649	Sanitary	INGALLS AVE	VCP	12	299.0	0	CIPP Lining, Service Grouting,	10
19881	19882	Sanitary	INGALLS AVE	VCP/PVC	15	58.0	0	CIPP Lining,	10
19882	19552	Sanitary	INGALLS AVE	DI	10	318.0	0	CIPP Lining,	10
19883	19881	Sanitary	N BROADWAY ST	VCP/Concrete	15	388.0	0	CIPP Lining, Service Grouting,	10
20105	19881	Sanitary	N BROADWAY ST	VCP/PVC	15	299.0	0	CIPP Lining, Service Grouting,	10
20117	19883	Sanitary	N BROADWAY ST	VCP	15	236.0	0	CIPP Lining, Service Grouting,	10
19649	19881	Sanitary	INGALLS AVE	VCP	12	292.0	0	CIPP Lining, Service Grouting,	10

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USMH	DSMH	Type	Street	Material	Diameter (in)	Length (ft)	Protruding Taps	Project Work	Exhibit Grid Number(s)
20116	19882	Sanitary	N BROADWAY ST	VCP	15	403.0	3	CIPP Lining, Service Grouting,	10
20116A	20116	Sanitary	N BROADWAY ST	VCP	15	375.0	0	CIPP Lining, Service Grouting,	10
19091	19092	Sanitary	WILCOX ST	VCP	8	198.0	4	CIPP Lining, Service Grouting,	11
19092	19093	Sanitary	WILCOX ST	PVC/VCP	8	212.0	4	CIPP Lining, Service Grouting,	11
19150	19156	Sanitary	HIGHLAND AVE	PVC/Concrete/VCP	10	63.0	2	CIPP Lining, Service Grouting,	12
19155	19157	Sanitary	NICHOLSON ST	VCP/Iron	8	225.0	2	CIPP Lining, Service Grouting,	12
19150B	19150	Sanitary	HIGHLAND AVE	PVC/Concrete/VCP	10, 8	73.3	0	CIPP Lining, Service Grouting,	12
19150A	19150B	Sanitary	HIGHLAND AVE	VCP	6	246.7	0	CIPP Lining, Service Grouting,	12
19591	19592	Sanitary	N CENTER ST	VCP	10	329.0	0	CIPP Lining, Service Grouting,	13
19593	19594	Sanitary	CORA ST	VCP	8	357.0	6	CIPP Lining, Service Grouting,	13
19594	19598	Sanitary	CORA ST	VCP	8	324.0	7	CIPP Lining, Service Grouting,	13
19600	19602	Sanitary	ELIZABETH ST	VCP	8	346.0	3	CIPP Lining, Service Grouting,	13
19602	19601	Sanitary	ELIZABETH ST	VCP	8	331.0	1	CIPP Lining, Service Grouting,	13
19598	19599	Sanitary	CORA ST	VCP/PVC	8	97.3	0	CIPP Lining, Service Grouting,	13
20110	20105	Sanitary	N BROADWAY ST	VCP	15	300.0	0	CIPP Lining, Service Grouting,	14
19650	19651	Sanitary	N HICKORY ST	VCP	10	287.0	0	CIPP Lining, Service Grouting,	14
19701	19652	Sanitary	SUMMIT ST	VCP	10	329.0	6	CIPP Lining, Service Grouting,	14
20114	19869	Sanitary	MORAN ST	VCP	8	288.0	0	CIPP Lining,	14
17461	17666	Sanitary	BRENTWOOD PL	VCP	8	343.0	0	CIPP Lining,	15
18385	18384	Sanitary	ROOSEVELT AVE	VCP	8	212.0	0	CIPP Lining,	16
19063	19062	Sanitary	FREDERICK ST	VCP	8	225.0	1	CIPP Lining,	17
19062	19061	Sanitary	FREDERICK ST	VCP	8	229.0	0	CIPP Lining,	17
19061	19071	Sanitary	FREDERICK ST	VCP	8	229.0	0	CIPP Lining,	17
19337	19336	Sanitary	N PRAIRIE AVE	VCP	8	241	1	CIPP Lining,	18
19332	19331	Sanitary	WAVERLY PL	VCP	12	204.0	0	CIPP Lining,	18
19331	19330	Sanitary	WAVERLY PL	VCP	12	214.0	0	CIPP Lining,	18
19908	19912	Sanitary	N BROADWAY ST	VCP	12	150.0	0	CIPP Lining,	19
19907	19908	Sanitary	N BROADWAY ST	VCP	12	115.0	0	CIPP Lining,	19
19905	19907	Sanitary	ROSS ST	VCP	12	107.0	0	CIPP Lining,	19
19904	19905	Sanitary	ROSS ST	VCP	12	54.0	0	CIPP Lining,	19
19902	19904	Sanitary	N BROADWAY ST	VCP	12	114.0	0	CIPP Lining,	19
19903	19902	Sanitary	N BROADWAY ST	VCP	12	38.0	0	CIPP Lining,	19
19901	19903	Sanitary	N BROADWAY ST	VCP	12	131.0	0	CIPP Lining,	19

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PRE-CLEANING AND TELEVISING SCHEDULE

USMH	DSMH	Type	Street	Material	Diameter (in)	Length (ft)	Protruding Taps	Project Work	Exhibit Grid Number(s)
19896	19901	Sanitary	N BROADWAY ST	VCP	12	69.0	0	CIPP Lining,	19
19893	19896	Sanitary	N BROADWAY ST	VCP	12	85.0	0	CIPP Lining,	19
19870	19893	Sanitary	N BROADWAY ST	VCP	12	123.0	0	CIPP Lining,	19
19869	19870	Sanitary	MORAN ST	VCP	8	25.0	0	CIPP Lining,	19
19906	19905	Sanitary	ROSS ST	VCP	12	245.0	0	CIPP Lining,	19
19912	19914	Sanitary	N BROADWAY ST	VCP	12	110.0	0	CIPP Lining,	20
19900	19899	Sanitary	N BROADWAY ST	VCP	12	47.0	0	CIPP Lining,	20
19899	19898	Sanitary	N BROADWAY ST	VCP	12	130.0	0	CIPP Lining,	20
19898	19797	Sanitary	GRANITE ST	VCP	12	40.0	0	CIPP Lining,	20
26450 (13139)	18678 (8670)	Storm	DIXON AVE	Unknown	12	159.0	0	CIPP Lining,	21
18678 (8670)	18651 (9400)	Storm	DIXON AVE	Unknown	12	12.0	0	CIPP Lining,	21
17762	17763	Sanitary	SCOTT ST	Clay Tile	10	148.0	0	CIPP Lining,	22
17763	17764	Sanitary	E CLAY ST	Clay Tile	10	44.0	0	CIPP Lining,	22
2337	2268	Sanitary	E JACKSON ST	VCP	15	221.0	0	CIPP Lining,	22
17879	17876	Sanitary	OHIO ST	VCP	15	159.0	0	CIPP Lining,	22
651	2020	Storm	E JACKSON ST	Unknown	15	210.0	0	CIPP Lining,	23
15367	15366	Sanitary	STRATFORD CT	VCP	15	188.0	0	CIPP Lining,	24
15381	15363	Sanitary	CAMPBELL ST	VCP	18	165.0	0	CIPP Lining,	24
15363	15362	Sanitary	WOODLAWN AVE	VCP	18	165.0	0	CIPP Lining,	24
15364	15362	Sanitary	MARQUETTE RD	VCP	24	295.0	1	CIPP Lining,	24
14307	14305	Sanitary	N MIDLAND AVE	VCP	15	324.0	0	CIPP Lining,	25
14305	14294	Sanitary	N MIDLAND AVE	VCP	18	338.0	0	CIPP Lining,	25
19127 (9679)	19131 (9683)	Storm	CAMPBELL ST	Unknown	12	83.0	0	CIPP Lining,	26
19125 (9678)	19127 (9679)	Storm	CAMPBELL ST	Unknown	12	143.0	0	CIPP Lining,	26
19131 (9683)	19134 (9684)	Storm	CAMPBELL ST	Unknown	15	317.0	0	CIPP Lining,	26
19134 (9684)	19143 (9691)	Storm	CAMPBELL ST	Unknown	18	188.0	0	CIPP Lining,	26
17120	17012	Sanitary	WOODWORTH AVE	PVC	8	237.0	1	CIPP Lining,	27
17012	17082	Sanitary	WOODWORTH AVE	PVC	8	198.0	0	CIPP Lining,	27
17119	16911	Sanitary	NICHOLSON ST	VCP	8	177	1	CIPP Lining,	27
16909	16904	Sanitary	NICHOLSON ST	PVC	8	35.0	0	CIPP Lining,	27
16912	16913	Sanitary	BUELL AVE	VCP	10	310.0	0	CIPP Lining,	27
17080	16903	Sanitary	BUELL AVE	PVC	24	89.0	0	CIPP Lining,	27
18054	18053	Sanitary	WENBERG ST	VCP	10	118.0	0	CIPP Lining,	28

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PRE-CLEANING AND TELEVISING SCHEDULE

USMH	DSMH	Type	Street	Material	Diameter (in)	Length (ft)	Protruding Taps	Project Work	Exhibit Grid Number(s)
1549	1459	Sanitary	IOWA AVE	Clay Tile	10	224.0	1	CIPP Lining,	29
1459	1374	Sanitary	IOWA AVE	Unknown	10	230.0	0	CIPP Lining,	29
16376	16373	Sanitary	WHEELER AVE	VCP	10	126.0	0	CIPP Lining, Service Grouting,	30
16062	16065	Sanitary	PARK DR	VCP	8	272.0	0	CIPP Lining,	31

Pipe Diameter Totals	Length (ft)	Protruding Taps
6" Total	247	0
8" Total:	19639	113
10" Total:	11997	66
12" Total:	2964	0
15" Total:	4834	4
18" Total:	1473	0
24" Total:	384	1
Total:	41538	184

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PIPE LINING

Upstream Manhole (USMH)	Downstream Manhole (DSMH)	Address	Pipe Diameter (in.)	Pipe Material	Segment Length (ft.)	USMH Depth (ft.)	DSMH Depth (ft.)	Number of Live Services	Number of Capped Services	Number of Protruding Taps	Exhibit Grid Number(s)
19128	19259	HIGHLAND AVE	8	VCP/PVC	343	8.5	13.1	12	11	4	1
19129	19131	CLEMENT ST	8	VCP	322	7.4	8.0	9	11	2	1
19129	19136	CLEMENT ST	8	VCP	311	7.4	7.4	8	7	2	1
19131	19133	CLEMENT ST	8	VCP	275	8.0	13.5	6	9	1	1
19139	19140	HIGHLAND AVE	8	VCP	317	11.0	10.5	8	10	2	1
19140	19128	HIGHLAND AVE	8	VCP	357	10.5	8.5	10	6	1	1
19582	19699	NICHOLSON ST	8	VCP	312	8.1	9.4	8	5	1	2
19584	19698	DEARBORN ST	8	PVC/VCP	325	13.2	5.5	12	6	4	2
19693	19694	NICHOLSON ST	8	VCP	339	9.8	7.6	10	8	4	2
19697	19695	DEARBORN ST	8	VCP	337	12.0	8.0	11	8	4	2
19698	19697	DEARBORN ST	8	VCP	362	5.5	12.0	13	7	4	2
19699	19693	NICHOLSON ST	8	VCP	360	9.4	9.8	11	12	6	2
20125	20124	N BROADWAY ST	18	VCP	214	10.4	9.9	1	0	0	3
20127	20125	N BROADWAY ST	15	VCP	380	11.7	10.4	2	5	1	3
20128	20127	N BROADWAY ST	15	VCP	341	12.3	11.7	1	5	0	3
19135	19143	RUSSELL AVE	10	VCP	112	8.2	8.9	2	2	2	4
19136	19135	CLEMENT ST	10	VCP	305	7.4	8.2	9	11	5	4
19141	19115	CLEMENT ST	10	VCP	296	7.5	9.3	4	4	0	4
19143	19141	CLEMENT ST	10	VCP	329	8.9	7.5	7	3	3	4
19144	19139	HIGHLAND AVE	8	VCP	306	7.6	11.0	10	10	3	4
19581	19582	NICHOLSON ST	8	VCP	310	9.7	8.1	8	8	1	4
19581	19680	NICHOLSON ST	10	VCP	320	9.7	9.2	10	10	3	4
19680	19679	NICHOLSON ST	10	VCP	312	9.2	7.9	8	10	3	4
19138	19130	LAWRENCE AVE	8	VCP	309	10.4	11.7	6	2	0	4, 1
19583	19584	DEARBORN ST	8	VCP/PVC	298	7.9	13.2	10	5	1	5

Note: Actual quantity of lateral reinstatements and grouts may be lower than indicated in the schedule based on dye testing results.

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GARNSEY PARK SANITARY SEWER REHABILITIATION PROGRAM

PIPE LINING

Upstream Manhole (USMH)	Downstream Manhole (DSMH)	Address	Pipe Diameter (in.)	Pipe Material	Segment Length (ft.)	USMH Depth (ft.)	DSMH Depth (ft.)	Number of Live Services	Number of Capped Services	Number of Protruding Taps	Exhibit Grid Number(s)
19585	19676	CORA ST	8	VCP	232	6.5	10.4	7	3	1	5
19661	19585	RUSSELL ST	8	VCP	347	12.3	6.5	3	5	1	5
19662	19661	N CENTER ST	8	VCP	253	9.6	12.3	8	3	2	5
19663	19664	ELIZABETH ST	10	VCP	232	7.7	14.1	6	4	1	5
19667	19675	N CENTER ST	8	VCP	230	7.4	7.4	9	6	3	5
19667	19666	N CENTER ST	8	VCP	252	7.4	5.8	6	7	2	5
19669	19671	CORA ST	8	VCP	234	9.1	10.0	6	2	0	5
19673	19674	ELIZABETH ST	10	VCP	236	7.2	13.8	9	1	1	5
19675	19661	N CENTER ST	8	VCP	237	7.4	12.3	10	3	3	5
19684	19583	DEARBORN ST	8	VCP/PVC	327	8.1	7.9	9	6	0	5
19684	19683	DEARBORN ST	8	VCP	302	8.1	8.1	9	5	3	5
19692	19662	N CENTER ST	8	VCP	237	5.0	9.6	7	8	3	5
19529	19531	INDUSTRY AVE	12	CAS	345	9.1	11.6	1	0	0	6
19643	19596	N HICKORY ST	8	VCP	232	5.4	9.9	4	2	0	6
19645	19596	FRANK AVE	10	VCP	232	6.6	9.9	6	0	0	6
19646	19645	N HICKORY ST	10	VCP	232	5.7	6.6	8	4	3	6
20118	20117	N BROADWAY ST	15	VCP	235	7.6	7.8	4	0	0	6
20122	20118	N BROADWAY ST	15	VCP	400	7.7	7.6	6	4	0	6
20124	19529	INDUSTRY AVE	15	VCP	58	9.9	9.1	0	0	0	6
19090	19117	KELLY AVE	8	VCP	193	6.6	6.0	7	2	3	7
19093	19119	WILCOX ST	8	PVC/VCP/Iron	227	6.5	9.9	8	1	4	7
19109	19117	KELLY AVE	10	VCP	627	7.5	6.0	30	23	18	7
19111	19116	WILCOX ST	8	PVC/VCP	200	8.0	10.3	8	3	1	7
19117	19118	INGALLS AVE	10	VCP	330	6.0	11.2	3	2	1	7
19118	19120	INGALLS AVE	10	VCP	328	11.2	14.8	3	1	0	7

Note: Actual quantity of lateral reinstatements and grouts may be lower than indicated in the schedule based on dye testing results.

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GARNSEY PARK SANITARY SEWER REHABILITIATION PROGRAM

PIPE LINING

Upstream Manhole (USMH)	Downstream Manhole (DSMH)	Address	Pipe Diameter (in.)	Pipe Material	Segment Length (ft.)	USMH Depth (ft.)	DSMH Depth (ft.)	Number of Live Services	Number of Capped Services	Number of Protruding Taps	Exhibit Grid Number(s)
19112	19120	OAKLAND AVE	10	PVC/VCP	334.0	10.9	14.8	10	1	1	8
19113	19112	OAKLAND AVE	10	VCP/PVC	314	7.2	10.9	13	4	1	8
19114	19121	CLEMENT ST	10	VCP	324	13.4	15.9	11	2	0	8
19115	19114	CLEMENT ST	10	VCP	342	9.3	13.4	11	1	0	8
19120	19121	INGALLS AVE	10	VCP	314	14.8	15.9	1	0	0	8
19121	19127	INGALLS AVE	10	VCP/Iron	331	15.9	9.8	3	1	1	8
19124	19660	INGALLS AVE	10	VCP	329	8.3	9.7	3	3	1	8
19125	19124	NICHOLSON ST	10	VCP	75	7.0	8.3	1	0	0	8
19126	19127	HIGHLAND AVE	10	VCP/Iron	38	7.8	9.8	0	0	0	8
19127	19124	INGALLS AVE	10	VCP	327	9.8	8.3	2	3	0	8
19146	19127	HIGHLAND AVE	10	VCP	323	10.2	9.8	11	8	2	8
19156	19126	HIGHLAND AVE	10	VCP/PVC/Concrete	245	6.4	7.8	11	1	2	8
19157	19125	NICHOLSON ST	8	VCP/PVC	199	3.8	7.0	10	1	1	8
19678	19124	NICHOLSON ST	10	VCP	329	8.1	8.3	6	8	2	8
19679	19678	NICHOLSON ST	10	VCP	332	7.9	8.1	12	8	3	8
19592	19659	N CENTER ST	10	VCP	332	6.5	10.8	10	7	1	9
19599	19658	CORA ST	8	PVC/VCP/Iron	232	7.0	13.0	7	4	2	9
19601	19656	ELIZABETH ST	8	VCP/Iron	331	8.8	9.4	10	1	0	9
19656	19655	INGALLS AVE	8	VCP	304	9.4	11.3	4	3	1	9
19657	19656	INGALLS AVE	8	VCP	162	8.4	9.4	2	2	1	9
19658	19657	INGALLS AVE	8	VCP	180	13.0	8.4	2	1	1	9
19659	19658	INGALLS AVE	8	VCP/PVC	334	10.8	13.0	1	3	0	9
19660	19659	INGALLS AVE	8	VCP	334	9.7	10.8	2	3	0	9
19665	19659	N CENTER ST	10	VCP	300	8.9	10.8	9	8	2	9
19666	19665	N CENTER ST	8	VCP	301	5.8	8.9	9	3	1	9

Note: Actual quantity of lateral reinstatements and grouts may be lower than indicated in the schedule based on dye testing results.

CITY OF JOLIET

GARNSEY PARK SANITARY SEWER REHABILITIATION PROGRAM

PIPE LINING

Upstream Manhole (USMH)	Downstream Manhole (DSMH)	Address	Pipe Diameter (in.)	Pipe Material	Segment Length (ft.)	USMH Depth (ft.)	DSMH Depth (ft.)	Number of Live Services	Number of Capped Services	Number of Protruding Taps	Exhibit Grid Number(s)
19668	19669	CORA ST	8	VCP	230	7.7	9.1	7	3	1	9
19668	19658	CORA ST	8	VCP	387	7.7	13.0	10	11	2	9
19672	19673	ELIZABETH ST	8	VCP	230	8.6	7.2	8	2	1	9
19682	19660	DEARBORN ST	8	VCP	325	8.6	9.7	9	6	2	9
19683	19682	DEARBORN ST	8	VCP/PVC	335	8.1	8.6	13	4	3	9
19643	19642	N HICKORY ST	8	VCP/PVC	232	5.4	6.7	4	3	0	10
19644	19642	N HICKORY ST	8	VCP	327	6.7	6.7	4	4	0	10
19649	19881	INGALLS AVE	12	VCP	292	10.7	7.9	2	2	0	10
19651	19649	N HICKORY ST	10	VCP	316	9.8	10.7	10	5	0	10
19652	19655	SUMMIT ST	10	VCP	334	8.8	11.3	12	2	1	10
19655	19649	INGALLS AVE	12	VCP	299	11.3	10.7	4	3	0	10
19881	19882	INGALLS AVE	15	VCP/PVC	58	7.9	7.9	0	0	0	10
19882	19552	INGALLS AVE	10	DI	318	7.9	6.6	0	0	0	10
19883	19881	N BROADWAY ST	15	VCP/Concrete	388	7.3	7.9	2	6	0	10
20105	19881	N BROADWAY ST	15	VCP/PVC	299	7.8	7.9	5	0	0	10
20116	19882	N BROADWAY ST	15	VCP	403	7.5	7.9	6	5	3	10
20117	19883	N BROADWAY ST	15	VCP	236	7.8	7.3	1	4	0	10
20116A	20116	N BROADWAY ST	15	VCP	375	7.0	7.5	8	4	0	10
19091	19092	WILCOX ST	8	VCP	198	7.8	5.8	7	3	4	11
19092	19093	WILCOX ST	8	PVC/VCP	212	5.8	6.5	9	5	4	11
19150	19156	HIGHLAND AVE	10	PVC/Concrete/VCP	63	6.4	6.4	3	2	2	12
19155	19157	NICHOLSON ST	8	VCP/Iron	225	3.2	3.8	8	2	2	12
19150B	19150	HIGHLAND AVE	10, 8	PVC/Concrete/VCP	73	8.0	6.4	3	0	0	12
19150A	19150B	HIGHLAND AVE	6	VCP	247	8.0	6.4	8	0	0	12
19591	19592	N CENTER ST	10	VCP	329	6.7	6.5	9	9	0	13

Note: Actual quantity of lateral reinstatements and grouts may be lower than indicated in the schedule based on dye testing results.

CITY OF JOLIET

GARNSEY PARK SANITARY SEWER REHABILITIATION PROGRAM

PIPE LINING

Upstream Manhole (USMH)	Downstream Manhole (DSMH)	Address	Pipe Diameter (in.)	Pipe Material	Segment Length (ft.)	USMH Depth (ft.)	DSMH Depth (ft.)	Number of Live Services	Number of Capped Services	Number of Protruding Taps	Exhibit Grid Number(s)
19593	19594	CORA ST	8	VCP	357	7.9	6.9	15	5	6	13
19594	19598	CORA ST	8	VCP	324	6.9	9.5	9	10	7	13
19598	19599	CORA ST	8	VCP/PVC	97	9.5	7.0	4	1	0	13
19600	19602	ELIZABETH ST	8	VCP	346	8.7	10.7	10	3	3	13
19602	19601	ELIZABETH ST	8	VCP	331	10.7	8.8	11	3	1	13
19650	19651	N HICKORY ST	10	VCP	287	8.1	9.8	12	5	0	14
19701	19652	SUMMIT ST	10	VCP	329	6.3	8.8	14	5	6	14
20110	20105	N BROADWAY ST	15	VCP	300	7.1	7.8	6	1	0	14
20114	19869	MORAN ST	8	VCP	288	*	*	5	0	0	14
17461	17666	BRENTWOOD PL	8	VCP	343	*	*	0	0	0	15
18385	18384	ROOSEVELT AVE	8	VCP	212	*	*	9	6	0	16
19061	19071	FREDERICK ST	8	VCP	229	*	*	7	0	0	17
19063	19062	FREDERICK ST	8	VCP	225	*	*	9	2	1	17
19062	19061	FREDERICK ST	8	VCP	229	*	*	6	0	0	17
19331	19330	WAVERLY PL	12	VCP	214	*	*	2	2	0	18
19332	19331	WAVERLY PL	12	VCP	204	*	*	2	8	0	18
19337	19336	N PRAIRIE AVE	8	VCP	241	*	*	0	0	1	18
19869	19870	MORAN ST	8	VCP	25	*	*	0	0	0	19
19870	19893	N BROADWAY ST	12	VCP	123	*	*	2	6	0	19
19893	19896	N BROADWAY ST	12	VCP	85	*	*	1	4	0	19
19896	19901	N BROADWAY ST	12	VCP	69	*	*	1	2	0	19
19901	19903	N BROADWAY ST	12	VCP	131	*	*	4	6	0	19
19902	19904	N BROADWAY ST	12	VCP	114	*	*	1	7	0	19
19903	19902	N BROADWAY ST	12	VCP	38	*	*	1	1	0	19
19904	19905	ROSS ST	12	VCP	54	*	*	1	2	0	19

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CITY OF JOLIET

GARNSEY PARK SANITARY SEWER REHABILITIATION PROGRAM

PIPE LINING

Upstream Manhole (USMH)	Downstream Manhole (DSMH)	Address	Pipe Diameter (in.)	Pipe Material	Segment Length (ft.)	USMH Depth (ft.)	DSMH Depth (ft.)	Number of Live Services	Number of Capped Services	Number of Protruding Taps	Exhibit Grid Number(s)
19905	19907	ROSS ST	12	VCP	107	*	*	2	4	0	19
19906	19905	ROSS ST	12	VCP	245	*	*	6	0	0	19
19907	19908	N BROADWAY ST	12	VCP	115	*	*	2	4	0	19
19908	19912	N BROADWAY ST	12	VCP	150	*	*	5	6	0	19
19898	19797	GRANITE ST	12	VCP	40	*	*	1	0	0	20
19899	19898	N BROADWAY ST	12	VCP	130	*	*	4	2	0	20
19900	19899	N BROADWAY ST	12	VCP	47	*	*	3	0	0	20
19912	19914	N BROADWAY ST	12	VCP	110	*	*	4	5	0	20
18678 (8670)	18651 (9400)	DIXON AVE	12	Unknown	12	*	*	0	0	0	21
26450 (13139)	18678 (8670)	DIXON AVE	12	Unknown	159	*	*	0	0	0	21
2337	2268	E JACKSON ST	15	VCP	221	*	*	8	0	0	22
17762	17763	SCOTT ST	10	Clay Tile	148	*	*	4	0	0	22
17763	17764	E CLAY ST	10	Clay Tile	44	*	*	0	0	0	22
17879	17876	OHIO ST	15	VCP	159	*	*	8	0	0	22
651	2020	E JACKSON ST	15	#N/A	210	*	*	1	0	0	23
15363	15362	WOODLAWN AVE	18	VCP	165	8.8	9.0	0	0	0	24
15364	15362	MARQUETTE RD	24	VCP	295	10.0	9.0	5	0	1	24
15367	15366	STRATFORD CT	15	VCP	188	*	*	9	0	0	24
15381	15363	CAMPBELL ST	18	VCP	165	8.4	8.8	0	0	0	24
14305	14294	N MIDLAND AVE	18	VCP	338	8.9	9.0	0	0	0	25
14307	14305	N MIDLAND AVE	15	VCP	324	*	*	0	0	0	25
19125 (9678)	19127 (9679)	CAMPBELL ST	12	Unknown	143	*	*	0	0	0	26
19127 (9679)	19131 (9683)	CAMPBELL ST	12	Unknown	83	*	*	0	0	0	26
19131 (9683)	19134 (9684)	CAMPBELL ST	15	Unknown	317	*	*	0	0	0	26
19134 (9684)	19143 (9691)	CAMPBELL ST	18	Unknown	188	7.0	7.0	0	0	0	26

Note: Actual quantity of lateral reinstatements and grouts may be lower than indicated in the schedule based on dye testing results.

CITY OF JOLIET

GARNSEY PARK SANITARY SEWER REHABILITIATION PROGRAM

PIPE LINING

Upstream Manhole (USMH)	Downstream Manhole (DSMH)	Address	Pipe Diameter (in.)	Pipe Material	Segment Length (ft.)	USMH Depth (ft.)	DSMH Depth (ft.)	Number of Live Services	Number of Capped Services	Number of Protruding Taps	Exhibit Grid Number(s)
16909	16904	NICHOLSON ST	8	PVC	35	*	*	0	0	0	27
16912	16913	BUELL AVE	10	VCP	310	*	*	7	2	0	27
17012	17082	WOODWORTH AVE	8	PVC	198	*	*	1	1	0	27
17080	16903	BUELL AVE	24	PVC	89	6.2	7.0	1	0	0	27
17119	16911	NICHOLSON ST	8	VCP	177	*	*	7	3	1	27
17120	17012	WOODWORTH AVE	8	PVC	237	*	*	7	4	1	27
18054	18053	WENBERG ST	10	VCP	118	*	*	5	1	0	28
1459	1374	IOWA AVE	10	Unknown	230	*	*	11	0	0	29
1549	1459	IOWA AVE	10	Clay Tile	224	*	*	11	0	1	29
16376	16373	WHEELER AVE	10	VCP	126	*	*	3	1	0	30
16062	16065	PARK DR	8	VCP	272	*	*	4	0	0	31

Pipe Diameter Totals	Length (ft)		Live	Capped	Protruding
6" Total:	247		8	0	0
8" Total:	17977		484	283	113
10" Total:	11682		322	162	66
12" Total:	3309	**Services Totals**	49	64	0
15" Total:	4892		67	34	4
18" Total:	1070		1	0	0
24" Total:	384		6	0	1
Total:	**39561**		**937**	**543**	**184**

Note: Actual quantity of lateral reinstatements and grouts may be lower than indicated in the schedule based on dye testing results.

*** Manhole depths to be measured during field work.**

Note: Actual quantity of lateral reinstatements and grouts may be lower than indicated in the schedule based on dye testing results.

CITY OF JOLIET
GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM
SERVICE GROUTING SCHEDULE

USMH	DSMH	Street	Diameter (in)	Length (ft)	TV Direction	Pipe Material	Estimated Service Testing/Grouting (5-foot)	Do Not Grout Laterals	Exhibit Grid Number(s)
19128	19259	HIGHLAND AVE	8	343	DS	VCP/PVC	6	38.3, 90.9, 143.1, 179, 182.1, 236.7	1
19129	19131	CLEMENT ST	8	322	DS	VCP	8	83.6	1
19129	19136	CLEMENT ST	8	311	DS	VCP	4	23.5, 60.3, 174.2, 189.8	1
19131	19133	CLEMENT ST	8	275	DS	VCP	4	8, 181.5	1
19139	19140	HIGHLAND AVE	8	317	US	VCP	4	273.1, 166.3, 65.3, 28.3	1
19140	19128	HIGHLAND AVE	8	357	DS	VCP	8	103.3, 301.8	1
19582	19699	NICHOLSON ST	8	312	DS	VCP	7	87.5	2
19584	19698	DEARBORN ST	8	325	DS	PVC/VCP	9	104.9, 202.6, 292.7	2
19693	19694	NICHOLSON ST	8	339	DS	VCP	5	74.2, 128.3, 170.6, 238.2, 239.4	2
19697	19695	DEARBORN ST	8	337	DS	VCP	6	31.8, 118.9, 174.9, 232.6, 233.9	2
19698	19697	DEARBORN ST	8	362	DS	VCP	10	152.2, 268, 344.1	2
19699	19693	NICHOLSON ST	8	360	DS	VCP	5	61.9, 102.2, 136.9, 196, 204.8, 282.9	2
20125	20124	N BROADWAY ST	18	214	DS	VCP	1		3
20127	20125	N BROADWAY ST	15	380	DS	VCP	2		3
20128	20127	N BROADWAY ST	15	341	DS	VCP	1		3
19135	19143	RUSSELL AVE	10	112	DS	VCP	2		4
19136	19135	CLEMENT ST	10	305	DS	VCP	8	126	4
19141	19115	CLEMENT ST	10	296	DS	VCP	2	62.2, 108.9	4

Notes: Laterals designated as Do Not Grout are to be lined in a future rehabilitation project with the City.

CITY OF JOLIET
GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM
SERVICE GROUTING SCHEDULE

USMH	DSMH	Street	Diameter (in)	Length (ft)	TV Direction	Pipe Material	Estimated Service Testing/Grouting (5-foot)	Do Not Grout Laterals	Exhibit Grid Number(s)
19143	19141	CLEMENT ST	10	329	DS	VCP	5	127.2, 271.5	4
19144	19139	HIGHLAND AVE	8	306	US	VCP	7	207.7, 120.7, 34.7	4
19581	19582	NICHOLSON ST	8	310	DS	VCP	0	54.6, 84.6, 104.4, 151.2, 190.5, 253.1, 262.5, 298.4	4
19581	19680	NICHOLSON ST	10	320	DS	VCP	6	47.9, 132.2, 207.1, 279.6	4
19680	19679	NICHOLSON ST	10	312	DS	VCP	4	26.9, 53.6, 79.1, 207.1	4
19138	19130	LAWRENCE AVE	8	309	DS	VCP	4	110.8, 131	4, 1
19583	19584	DEARBORN ST	8	298	DS	VCP/PVC	4	73.8, 100.6, 169.5, 256.9, 259.9, 293.7	5
19585	19676	CORA ST	8	232	DS	VCP	6	68.7	5
19661	19585	RUSSELL ST	8	347	DS	VCP	3		5
19662	19661	N CENTER ST	8	253	DS	VCP	6	71.3, 79.4	5
19663	19664	ELIZABETH ST	10	232	DS	VCP	2	80.4, 87.2, 149.2, 188.2	5
19667	19675	N CENTER ST	8	230	DS	VCP	7	85.7, 196.3	5
19667	19666	N CENTER ST	8	252	DS	VCP	4	18.3, 83.5	5
19669	19671	CORA ST	8	234	DS	VCP	4	9.8, 95.2	5
19671	19674	FRANK AVE	8	343	DS	VCP	3		5
19673	19674	ELIZABETH ST	10	236	DS	VCP	7	40.4, 145.6	5
19675	19661	N CENTER ST	8	237	DS	VCP	6	75.9, 136, 142.1, 177.6	5
19684	19583	DEARBORN ST	8	327	DS	VCP/PVC	3	16.3, 63.7, 162.4, 198.1, 210.3, 267.2	5

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CITY OF JOLIET
GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM
SERVICE GROUTING SCHEDULE

USMH	DSMH	Street	Diameter (in)	Length (ft)	TV Direction	Pipe Material	Estimated Service Testing/Grouting (5-foot)	Do Not Grout Laterals	Exhibit Grid Number(s)
19684	19683	DEARBORN ST	8	302	DS	VCP	2	63.9, 71.3, 127.7, 134.2, 170.1, 182.3, 275.9	5
19692	19662	N CENTER ST	8	237	DS	VCP	7		5
19674	19677	FRANK AVE	8	173	DS	VCP	3		5, 6
19529	19531	INDUSTRY AVE	12	345	DS	CAS	1		6
19596	19597	FRANK AVE	8	194	DS	VCP	4		6
19597	19558	FRANK AVE	8	156	DS	VCP/PVC	3		6
19643	19596	N HICKORY ST	8	232	DS	VCP	1	40.5, 99.7, 112.5	6
19645	19596	FRANK AVE	10	232	DS	VCP	4	106.2, 154.9	6
19646	19645	N HICKORY ST	10	232	DS	VCP	4	64.9, 90.9, 106.3, 183.9	6
19677	19596	FRANK AVE	8	176	US	VCP/PVC	2		6
20118	20117	N BROADWAY ST	15	235	DS	VCP	3	96.4	6
20122	20118	N BROADWAY ST	15	400	DS	VCP	0	8.5, 51.6, 69.7, 118.1, 167.9, 190.7	6
19090	19117	KELLY AVE	8	193	DS	VCP	6	101.9	7
19093	19119	WILCOX ST	8	227	DS	PVC/VCP/Iron	5	63.5, 111.1, 179.3	7
19109	19117	KELLY AVE	10	627	DS	VCP	12	48.3, 81.1, 188.6, 196.8, 198.6, 228.9, 242.1, 246.4, 301.8,	7
19111	19116	WILCOX ST	8	200	DS	PVC/VCP	6	55.2, 87.9	7
19116	19118	WILCOX ST	10	315	DS	PVC/VCP	7	39, 235	7
19117	19118	INGALLS AVE	10	330	DS	VCP	3		7

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CITY OF JOLIET
GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM
SERVICE GROUTING SCHEDULE

USMH	DSMH	Street	Diameter (in)	Length (ft)	TV Direction	Pipe Material	Estimated Service Testing/Grouting (5-foot)	Do Not Grout Laterals	Exhibit Grid Number(s)
19118	19120	INGALLS AVE	10	328	DS	VCP	2	61.6	7
19112	19120	OAKLAND AVE	10	334	DS	PVC/VCP	8	69.2, 119	8
19113	19112	OAKLAND AVE	10	314	DS	VCP/PVC	7	150.1, 157.7, 198.3, 228.7, 246.5, 302.1	8
19114	19121	CLEMENT ST	10	324	DS	VCP	9	91.1, 165.1	8
19115	19114	CLEMENT ST	10	342	DS	VCP	6	59.1, 82.7, 109.3, 163.1, 190.4	8
19120	19121	INGALLS AVE	10	314	DS	VCP	1		8
19121	19127	INGALLS AVE	10	331	DS	VCP/Iron	2	254.8	8
19124	19660	INGALLS AVE	10	329	DS	VCP	1	146.4, 194.7	8
19125	19124	NICHOLSON ST	10	75	US	VCP	1		8
19127	19124	INGALLS AVE	10	327	DS	VCP	2		8
19146	19127	HIGHLAND AVE	10	323	DS	VCP	2	30.9, 72.8, 76, 94, 122.2, 130.3, 184.4, 229.5, 269.2	8
19156	19126	HIGHLAND AVE	10	245	DS	VCP/PVC/Concrete	2	2.2, 30.3, 48, 71.5, 151.8, 195.6, 201.6, 211.7, 235.7	8
19157	19125	NICHOLSON ST	8	199	DS	VCP/PVC	8	87, 174.8	8
19678	19124	NICHOLSON ST	10	329	DS	VCP	3	8.9, 119.8, 165.2	8
19679	19678	NICHOLSON ST	10	332	DS	VCP	8	86.2, 139.9, 251.5, 267.7	8
19592	19659	N CENTER ST	10	332	DS	VCP	8	13.8, 40.6	9
19599	19658	CORA ST	8	232	DS	PVC/VCP/Iron	7		9
19601	19656	ELIZABETH ST	8	331	DS	VCP/Iron	7	56.4, 62.7, 117.1	9

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CITY OF JOLIET
GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM
SERVICE GROUTING SCHEDULE

USMH	DSMH	Street	Diameter (in)	Length (ft)	TV Direction	Pipe Material	Estimated Service Testing/Grouting (5-foot)	Do Not Grout Laterals	Exhibit Grid Number(s)
19656	19655	INGALLS AVE	8	304	DS	VCP	4		9
19657	19656	INGALLS AVE	8	162	DS	VCP	2		9
19658	19657	INGALLS AVE	8	180	DS	VCP	2		9
19659	19658	INGALLS AVE	8	334	DS	VCP/PVC	0	74.8	9
19660	19659	INGALLS AVE	8	334	DS	VCP	2		9
19665	19659	N CENTER ST	10	300	DS	VCP	5	136.8, 218.5, 245.2, 251.2	9
19666	19665	N CENTER ST	8	301	DS	VCP	8	34.8	9
19668	19669	CORA ST	8	230	DS	VCP	7		9
19668	19658	CORA ST	8	387	DS	VCP	4	36.2, 72.7, 236.1, 260.2, 318, 385.2	9
19672	19656	ELIZABETH ST	8	386	DS	VCP	10		9
19672	19673	ELIZABETH ST	8	230	DS	VCP	6	81.8, 207.7	9
19682	19660	DEARBORN ST	8	325	DS	VCP	4	104.5, 136.2, 160.1, 188.5, 203.5	9
19683	19682	DEARBORN ST	8	335	DS	VCP/PVC	5	35, 64.2, 175.4, 193, 226.8, 271.6, 313.6, 325.3	9
19643	19642	N HICKORY ST	8	232	DS	VCP/PVC	4		10
19642	19641	SMITH AVE	8	234	US	VCP	7	162.0	10
19644	19642	N HICKORY ST	8	327	DS	VCP	1	43.2, 117.2, 179.4	10
19649	19881	INGALLS AVE	12	292	DS	VCP	1	105.2	10
19651	19649	N HICKORY ST	10	316	DS	VCP	3	32.1, 68.2, 83.1, 145, 216, 234.1, 237.2	10

Notes: Laterals designated as Do Not Grout are to be lined in a future rehabilitation project with the City.

CITY OF JOLIET
GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM
SERVICE GROUTING SCHEDULE

USMH	DSMH	Street	Diameter (in)	Length (ft)	TV Direction	Pipe Material	Estimated Service Testing/Grouting (5-foot)	Do Not Grout Laterals	Exhibit Grid Number(s)
19652	19655	SUMMIT ST	10	334	DS	VCP	5	23.2, 50.5, 74.7, 146.7, 252.9, 255.3, 276.8	10
19655	19649	INGALLS AVE	12	299	DS	VCP	2	14, 97.2	10
19883	19881	N BROADWAY ST	15	388	DS	VCP/Concrete	0	179.7, 313.5	10
20105	19881	N BROADWAY ST	15	299	DS	VCP/PVC	1	72.6, 118.3, 168.7, 256.2	10
20116	19882	N BROADWAY ST	15	403.0	DS	VCP	4	129.6, 132.5	10
20117	19883	N BROADWAY ST	15	236	DS	VCP	1		10
20116A	20116	N BROADWAY ST	15	375.0	US	VCP	5	75.6, 103.3, 234.7	10
19091	19092	WILCOX ST	8	198	DS	VCP	2	69.8, 74.9, 109, 159.7, 167.5	11
19092	19093	WILCOX ST	8	212	DS	PVC/VCP	5	13.3, 101, 114.3, 196.8	11
19150	19156	HIGHLAND AVE	10	63	DS	PVC/Concrete /VCP	2	11.9	12
19155	19157	NICHOLSON ST	8	225	US	VCP/Iron	5	86.9, 75.6, 55.1	12
19150A	19150B	HIGHLAND AVE	6	247	US	VCP	7	236	12
19150B	19150	HIGHLAND AVE	10	73	US	PVC/Concrete /VCP	2	47.7	12
19591	19592	N CENTER ST	10	329	DS	VCP	5	56.6, 90.8, 178.8, 186.3	13
19593	19594	CORA ST	8	357	DS	VCP	9	9.4, 93.4, 147.6, 151.1, 204.3, 213.8	13
19594	19598	CORA ST	8	324	DS	VCP	6	82.5, 234, 301.4	13
19598	19599	CORA ST	8	97	DS	VCP/PVC	3	37.3	13
19600	19602	ELIZABETH ST	8	346	DS	VCP	6	23.3, 174.7, 205.1, 250.6	13

Notes: Laterals designated as Do Not Grout are to be lined in a future rehabilitation project with the City.

CITY OF JOLIET
GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM
SERVICE GROUTING SCHEDULE

USMH	DSMH	Street	Diameter (in)	Length (ft)	TV Direction	Pipe Material	Estimated Service Testing/Grouting (5-foot)	Do Not Grout Laterals	Exhibit Grid Number(s)
19602	19601	ELIZABETH ST	8	331	DS	VCP	7	68.3, 116.9, 138.4, 220.5	13
19650	19651	N HICKORY ST	10	287	DS	VCP	9	110.3, 114.8, 201.3	14
19701	19652	SUMMIT ST	10	329	DS	VCP	8	20.5, 31.7, 119.6, 146.8, 207.3, 316.2	14
20110	20105	N BROADWAY ST	15	300	DS	VCP	2	68.4, 80.6, 213.1, 271.4	14
16376	16373	WHEELER AVE	10	126	DS	VCP	3		30

Notes: Laterals designated as Do Not Grout are to be lined in a future rehabilitation project with the City.
Some laterals may not be reinstated due to dye testing results.

Diameter	Quantity
6" Total	7
8" Total:	303
10" Total:	170
12" Total:	4
15" Total:	19
18" Total:	1
Total:	**497**

Notes: Laterals designated as Do Not Grout are to be lined in a future rehabilitation project with the City.

Joliet , IL

GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM

MANHOLE REHABILITATION SCHEDULE - PART A - GARNSEY PARK

GENERAL INFORMATION									RECOMMENDATIONS																
Manhole No.	Street Number	Street Name	MACP Location Code	Surface Type	Structure Depth (ft)	Structure Diameter (in)	Chimney Height (in)	Wall Material	Replace Cover	Replace Frame & Cover (Paved)[1]	Replace Frame & Cover (Non-Paved)[1]	Seal & Adjust Frame (Paved)[1]	Seal & Adjust Frame (Non-Paved)[1]	Internal Chimney Seal	Cementitious Manhole Sealing	Grout Wall Joints	Number of Wall Joints	Wall Joint Location[2]	Curtain Grout Bottom 18"	Repair Bench & Trough	Replace Bench & Trough	Epoxy Coating	Add Barrel Section (Non-Paved)	Install New Manhole (Paved)	Abandon Manhole	Exhibit Grid #
19128	1511	Highland Ave	Street Pavement	Asphalt	8.5	48	4	Concrete Block							X											1
19129	1502	Clement St	Street Pavement	Asphalt	7.42	48	4	Concrete Block				X			X											1
19130	610	Berlin Ave	Street Pavement	Asphalt	11.65	48	14	Precast Concrete		X									X	X						1
19131	1512	Clement St	Street Pavement	Asphalt	8	48	9.5	Concrete Block							X											1
19132	600	Theodore St	Street Pavement	Concrete	10	48	9.5	Precast Concrete						X		X	1	A								1
19133	600	Theodore St	Street Pavement	Concrete	13.5	48	8	Precast Concrete	X					X		X	1	A								1
19134	600	Theodore St	Grass Easement	Grass/Dirt	11.23	48	8	Precast Concrete								X	1	A	X							1
19140	1423	Highland Ave	Street Pavement	Asphalt	10.5	48	7	Concrete Block				X			X											1
19259	607	Theodore St	Street Pavement	Asphalt	13.1	48	6	Precast Concrete						X		X	2	C, D								1
19685	1503	N Center St	Within 2 Feet of Pavement	Concrete	8.82	48	12	Precast Concrete		X						X	1	B								2
19693	1513	Nicholson St	Street Pavement	Asphalt	9.8	48	14	Concrete Block							X											2
19694	601	Theodore St	Street Pavement	Asphalt	7.58	48	4	Precast Concrete						X		X	1	A								2
19695	408	Theodore St	Street Pavement	Asphalt	7.98	48	8	Precast Concrete						X		X	1	B								2
19696	391	Theodore St	Street Pavement	Asphalt	10.64	48	18	Precast Concrete						X												2
19697	1513	Dearborn St	Street Pavement	Asphalt	12.01	48	10	Concrete Block				X			X											2
19698	1501	Dearborn St	Street Pavement	Asphalt	5.46	48	22	Concrete Block				X			X				X		X					2
19699	1423	Nicholson St	Street Pavement	Asphalt	9.42	48	2	Concrete Block				X			X											2
20517	1517	N Center St	Grass Easement	Grass/Dirt	8.42	48	5	Precast Concrete			X					X	1	A								2
19687	1411	Cora St	Grass Easement	Grass/Dirt	12.92	48	8	Precast Concrete					X			X	1									3
19688	1425	N Broadway St	Grass Easement	Grass/Dirt	7.3	36	12	Precast Concrete					X													3
19689	1423	N Broadway St	Woods	Grass/Dirt	10	48	6	Precast Concrete			X															3
19691	1424	N Broadway St	Grass Easement	Grass/Dirt	9.92	48	10	Precast Concrete			X								X							3
20125	1424	N Broadway St	Paved Easement	Concrete	10.4	48	12	Concrete Block	X						X				X							3
20127	1555	N Broadway St	Main Highway - Suburban/Rural	Asphalt	11.7	48	2	Concrete Block				X			X											3
20128	1555	N Broadway St	Main Highway - Suburban/Rural	Asphalt	12.3	48	12	Concrete Block						X												3
19135	1402	Clement St	Street Pavement	Asphalt	8.21	48	10.5	Concrete Block				X			X											4
19136	1415	Clement St	Street Pavement	Asphalt	7.42	48	1.5	Concrete Block							X											4
19138	1418	Lawrence Ave	Street Pavement	Asphalt	10.36	48	4	Precast Concrete				X				X	1	A	X							4
19139	1411	Highland Ave	Street Pavement	Asphalt	11.02	48	6	Concrete Block				X			X											4
19141	1311	Clement St	Street Pavement	Asphalt	7.5	48	2	Concrete Block				X			X											4
19142	1309	Highland Ave	Street Pavement	Asphalt	9.6	48	8	Concrete Block				X			X											4
19143	1324	Clement St	Street Pavement	Asphalt	8.88	48	8	Concrete Block		X					X											4
19144	1401	Highland Ave	Street Pavement	Asphalt	7.56	48	6	Concrete Block				X			X											4
19581	1401	Nicholson St	Street Pavement	Asphalt	9.7	48	6	Concrete Block				X			X											4
19582	1403	Nicholson St	Street Pavement	Asphalt	8.12	48	4	Concrete Block				X			X											4

1. Includes External Chimney Seal
2. Joint A is the joint that attaches the cone to the wall. Every subsequent joint below is labeled alphabetically.

Joliet , IL
GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM
MANHOLE REHABILITATION SCHEDULE - PART A - GARNSEY PARK

GENERAL INFORMATION									RECOMMENDATIONS																
Manhole No.	Street Number	Street Name	MACP Location Code	Surface Type	Structure Depth (ft)	Structure Diameter (in)	Chimney Height (in)	Wall Material	Replace Cover	Replace Frame & Cover (Paved)[1]	Replace Frame & Cover (Non-Paved)[1]	Seal & Adjust Frame (Paved)[1]	Seal & Adjust Frame (Non-Paved)[1]	Internal Chimney Seal	Cementitious Manhole Sealing	Grout Wall Joints	Number of Wall Joints	Wall Joint Location[2]	Curtain Grout Bottom 18"	Repair Bench & Trough	Replace Bench & Trough	Epoxy Coating	Add Barrel Section (Non-Paved)	Install New Manhole (Paved)	Abandon Manhole	Exhibit Grid #
19680	1311	Nicholson St	Street Pavement	Asphalt	9.2	48	4	Concrete Block				X			X										4
5478	1424	N Center St	Woods	Grass/Dirt	6	36	12	Precast Concrete					X		X										5
19583	1401	Dearborn St	Street Pavement	Asphalt	7.92	48	0	Concrete Block							X										5
19584	1413	Dearborn St	Street Pavement	Asphalt	13.24	48	8	Concrete Block				X													5
19585	1315	Cora St	Street Pavement	Asphalt	6.48	48	2	Concrete Block		X					X										5
19661	1401	N Center St	Street Pavement	Asphalt	12.26	48	7	Concrete Block				X			X										5
19662	1410	N Center St	Street Pavement	Asphalt	9.62	48	0	Concrete Block							X										5
19663	1314	Elizabeth St	Street Pavement	Asphalt	7.68	48	0	Concrete Block				X			X										5
19664	1307	Elizabeth St	Street Pavement	Asphalt	14.12	48	14	Concrete Block		X					X										5
19667	1301 B	N Center St	Street Pavement	Asphalt	7.35	36	0	Concrete Block				X			X										5
19670	1304	N Center St	Street Pavement	Asphalt	9.18	24	8	Precast Concrete	X																5
19671	1268	Cora St	Street Pavement	Asphalt	10.02	36	2	Concrete Block				X			X										5
19674	1265	Elizabeth St	Street Pavement	Asphalt	13.82	48	22	Concrete Block	X						X										5
19675	1315	N Center St	Street Pavement	Asphalt	7.42	48	4	Concrete Block							X										5
19676	1309	Cora St	Street Pavement	Asphalt	10.4	48	14	Concrete Block				X			X										5
19684	1309	Dearborn St	Street Pavement	Asphalt	8.08	48	12	Concrete Block				X			X										5
19692	1420	N Center St	Street Pavement	Asphalt	4.99	48	4	Concrete Block				X			X										5
19529	1416	N Broadway St	Street Pavement	Asphalt	9.14	48	2	Concrete Block	X						X						X				6
19531	180	Industry Ave	Street Pavement	Asphalt	11.62	48	4	Concrete Block		X					X										6
19532	1	Industry Ave	Street Pavement	Asphalt	7.32	48	4	Concrete Block	X						X										6
19558	1231	N Broadway St	Street Pavement	Asphalt	8.54	48	10	Precast Concrete				X			X										6
19596	1265	N Hickory St	Street Pavement	Asphalt	9.92	48	6	Concrete Block				X			X										6
19597	204	Frank Ave	Street Pavement	Asphalt	6.4	48	6	Concrete Block							X										6
19645	1307	N Hickory St	Street Pavement	Asphalt	6.6	48	0	Concrete Block							X										6
19646	1317	N Hickory St	Street Pavement	Asphalt	5.68	36	32	Precast Concrete				X											X		6
19647	1317	N Hickory St	Street Pavement	Asphalt	5.94	36	2	Concrete Block																X	6
19648	1314	Elizabeth St	Paved Easement	Asphalt	3.84	36	3	Precast Concrete				X													6
19677	1265	N Hickory St	Street Pavement	Asphalt	9.86	36	7	Concrete Block							X										6
20118	1231	N Broadway St	Street Pavement	Asphalt	7.58	48	2	Concrete Block	X						X										6
20122	1317	N Broadway St	Paved Easement	Concrete	7.66	48	6	Concrete Block		X					X										6
20124	1425	N Broadway St	Paved Easement	Concrete	9.9	48	4	Concrete Block		X					X						X				6
19109	1228	Kelly Ave	Street Pavement	Asphalt	7.46	36	1	Brick	X						X										7
19110	1222	Wilcox St	Street Pavement	Asphalt	6.34	36	12	Brick				X			X										7
19111	1219	Wilcox St	Street Pavement	Asphalt	8.04	48	1	Precast Concrete																	7
19116	1211	Wilcox St	Street Pavement	Asphalt	10.26	48	1	Precast Concrete				X													7

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Joliet , IL
GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM
MANHOLE REHABILITATION SCHEDULE - PART A - GARNSEY PARK

GENERAL INFORMATION									RECOMMENDATIONS																
Manhole No.	Street Number	Street Name	MACP Location Code	Surface Type	Structure Depth (ft)	Structure Diameter (in)	Chimney Height (in)	Wall Material	Replace Cover	Replace Frame & Cover (Paved)[1]	Replace Frame & Cover (Non-Paved)[1]	Seal & Adjust Frame (Paved)[1]	Seal & Adjust Frame (Non-Paved)[1]	Internal Chimney Seal	Cementitious Manhole Sealing	Grout Wall Joints	Number of Wall Joints	Wall Joint Location[2]	Curtain Grout Bottom 18"	Repair Bench & Trough	Replace Bench & Trough	Epoxy Coating	Add Barrel Section (Non-Paved)	Install New Manhole (Paved)	Abandon Manhole	Exhibit Grid #
19117	709	Ingalls Ave	Street Pavement	Asphalt	6	48	10.5	Concrete Block		X					X											7
19118	1124	Wilcox St	Street Pavement	Asphalt	11.18	48	4	Concrete Block		X					X											7
19122	1229	Kelly Ave	Street Pavement	Asphalt	7.92	48	2	Precast Concrete		X											X					7
19112	1210	Oakland Ave	Street Pavement	Asphalt	10.89	48	13	Precast Concrete				X				X	3									8
19113	1227	Oakland Ave	Street Pavement	Asphalt	7.24	36	10	Brick		X					X											8
19114	1211	Clement St	Street Pavement	Asphalt	13.43	48	10	Concrete Block				X			X											8
19115	1225	Clement St	Street Pavement	Asphalt	9.34	48	2	Concrete Block				X			X											8
19120	1124	Oakland Ave	Street Pavement	Asphalt	14.84	48	7	Concrete Block							X											8
19121	1126	Clement St	Street Pavement	Asphalt	15.9	48	4	Concrete Block				X			X											8
19124	1123	Nicholson St	Street Pavement	Asphalt	8.32	48	2	Concrete Block				X			X											8
19125	1121	Nicholson St	Light Highway	Asphalt	7	48	2	Concrete Block							X											8
19126	1120	Highland Ave	Street Pavement	Asphalt	7.83	48	2	Concrete Block				X			X											8
19127	1122	Highland Ave	Street Pavement	Asphalt	9.79	48	2	Concrete Block							X											8
19145	1224	Highland Ave	Street Pavement	Asphalt	10.12	48	6	Concrete Block				X			X											8
19146	1211	Highland Ave	Street Pavement	Asphalt	10.16	48	6	Concrete Block				X			X											8
19678	1215	Nicholson St	Street Pavement	Asphalt	8.12	48	1	Concrete Block				X			X											8
19679	1223	Nicholson St	Street Pavement	Asphalt	7.9	48	4	Concrete Block							X											8
19681	1300	Highland Ave	Street Pavement	Asphalt	7.8	48	15	Precast Concrete				X				X	1	A								8
19656	1126	Elizabeth St	Street Pavement	Asphalt	9.4	36	9	Concrete Block				X			X											9
19657	1200	Ingals	Street Pavement	Asphalt	8.42	36	20	Concrete Block							X											9
19658	1124	Cora St	Street Pavement	Asphalt	12.98	36	9	Concrete Block							X							X				9
19659	1124	N Center St	Street Pavement	Asphalt	10.76	36	0	Concrete Block							X							X				9
19660	1200	Dearborn St	Street Pavement	Asphalt	9.71	48	2	Concrete Block		X					X											9
19665	1209	N Center St	Street Pavement	Asphalt	8.86	36	0	Concrete Block				X			X											9
19666	1223	N Center St	Street Pavement	Asphalt	5.8	36	0	Concrete Block							X											9
19668	1215	Cora St	Street Pavement	Asphalt	7.67	36	6	Concrete Block				X			X											9
19669	1258	Cora St	Street Pavement	Asphalt	9.14	36	20	Concrete Block				X			X											9
19672	1250	Elizabeth St	Street Pavement	Asphalt	8.6	36	4	Concrete Block				X			X											9
19673	1257	Elizabeth St	Street Pavement	Asphalt	7.22	48	10	Concrete Block		X					X											9
19682	1211	Dearborn St	Street Pavement	Asphalt	8.56	48	13	Concrete Block		X					X											9
19683	1301	Dearborn St	Street Pavement	Asphalt	8.06	48	5	Concrete Block		X					X											9
19552	111	Ingalls Ave	Street Pavement	Asphalt	6.62	48	15	Concrete Block		X					X						X					10
19641	1215	N Broadway St	Street Pavement	Asphalt	6	48	12	Concrete Block							X											10
19642	225	Smith Ave	Street Pavement	Asphalt	6.73	48	4	Concrete Block							X											10
19643	1257	N Hickory St	Street Pavement	Asphalt	5.4	48	8	Concrete Block				X			X											10

1. Includes External Chimney Seal
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Joliet , IL

GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM

MANHOLE REHABILITATION SCHEDULE - PART A - GARNSEY PARK

GENERAL INFORMATION									RECOMMENDATIONS															
Manhole No.	Street Number	Street Name	MACP Location Code	Surface Type	Structure Depth (ft)	Structure Diameter (in)	Chimney Height (in)	Wall Material	Replace Cover	Replace Frame & Cover (Paved)[1]	Replace Frame & Cover (Non-Paved)[1]	Seal & Adjust Frame (Paved)[1]	Seal & Adjust Frame (Non-Paved)[1]	Internal Chimney Seal	Cementitious Manhole Sealing	Grout Wall Joints	Number of Wall Joints	Wall Joint Location[2]	Curtain Grout Bottom 18"	Repair Bench & Trough	Replace Bench & Trough	Epoxy Coating	Add Barrel Section (Non-Paved)	Install New Manhole (Paved)	Abandon Manhole	Exhibit Grid #
19644	1201	N Hickory St	Street Pavement	Asphalt	6.74	48	5	Concrete Block				X			X										10
19649	209	Ingalls Ave	Street Pavement	Asphalt	10.74	48	10	Concrete Block				X			X										10
19655	300	Ingalls Ave	Street Pavement	Asphalt	11.26	48	14	Concrete Block				X			X										10
19881	1201	N Broadway St	Street Pavement	Asphalt	7.9	48	7	Concrete Block	X						X										10
19882	1201	N Broadway St	Street Pavement	Asphalt	7.9	48	10	Concrete Block	X						X										10
19883	209	Smith Ave	Street Pavement	Asphalt	7.3	48	8	Concrete Block	X						X										10
20116	1216	N Broadway St	Paved Easement	Concrete	7.5	48	8	Concrete Block	X						X										10
20117	1225	N Broadway St	Street Pavement	Concrete	7.8	48	2	Concrete Block	X						X										10
19090	1120	Kelly Ave	Street Pavement	Asphalt	6.6	48	12	Precast Concrete				X													11
19091	1101	Wilcox St	Street Pavement	Asphalt	7.82	48	2	Brick				X								X					11
19092	1108	Wilcox St	Street Pavement	Concrete	5.8	36	20	Precast Concrete				X													11
19093	1117	Wilcox St	Street Pavement	Asphalt	6.48	48	14	Precast Concrete				X				X	1	A							11
19149	1100	Highland Ave	Street Pavement	Asphalt	8.09	48	1	Concrete Block				X			X										12
19150	1108	Highland Ave	Street Pavement	Asphalt	6.36	48	2	Precast Concrete				X									X				12
19155	1105	Nicholson St	Paved Easement	Concrete	3.24	25	4	Precast Concrete				X			X										12
19156	1112	Highland Ave	Street Pavement	Asphalt	6.4	48	4	Precast Concrete				X													12
19157	1115	Nicholson St	Paved Easement	Concrete	3.78	48	0	Precast Concrete				X													12
19150A	1100	Highland Ave	Street Pavement	Asphalt	8.0	48	-	Precast Concrete																X	12
19591	1025	N Center St	Street Pavement	Asphalt	6.66	36	0	Concrete Block				X			X										13
19592	1113	N Center St	Street Pavement	Asphalt	6.48	36	0	Concrete Block							X										13
19593	1013	Cora St	Street Pavement	Asphalt	7.93	36	9	Concrete Block				X			X										13
19594	1027	Cora St	Street Pavement	Asphalt	6.9	36	9	Concrete Block				X			X										13
19598	1113	Cora St	Street Pavement	Asphalt	9.48	36	15	Concrete Block							X										13
19599	1116	Cora St	Street Pavement	Asphalt	7	48	12	Precast Concrete		X						X	1	B							13
19600	1014	Elizabeth St	Street Pavement	Asphalt	8.67	36	2	Concrete Block				X			X										13
19601	1112	Elizabeth St	Street Pavement	Asphalt	8.76	36	20	Concrete Block				X			X										13
19602	1100	Elizabeth St	Street Pavement	Asphalt	10.7	36	2	Concrete Block							X										13
21136	1023	Elizabeth St	Street Pavement	Concrete	3.62	28	0	Precast Concrete				X									X				13
19650	1100	N Hickory St	Grass Easement	Grass/Dirt	8.1	48	6	Concrete Block							X										14
19651	1114	N Hickory St	Street Pavement	Asphalt	9.8	48	4	Concrete Block				X			X										14
19652	1113	Summit St	Street Pavement	Asphalt	8.78	48	14	Concrete Block				X			X										14
19701	301	Hutchins St	Street Pavement	Asphalt	6.32	48	2	Concrete Block				X			X										14
20105	1121	N Broadway St	Paved Easement	Concrete	7.84	48	5	Concrete Block		X					X										14
20107	1101	N Broadway St	Paved Easement	Concrete	3.24	25	5	Precast Concrete						X											14

1. Includes External Chimney Seal
2. Joint A is the joint that attaches the cone to the wall. Every subsequent joint below is labeled alphabetically.

Joliet , IL

GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM

MANHOLE REHABILITATION SCHEDULE - PART A - GARNSEY PARK

GENERAL INFORMATION									RECOMMENDATIONS																
Manhole No.	Street Number	Street Name	MACP Location Code	Surface Type	Structure Depth (ft)	Structure Diameter (in)	Chimney Height (in)	Wall Material	Replace Cover	Replace Frame & Cover (Paved)[1]	Replace Frame & Cover (Non-Paved)[1]	Seal & Adjust Frame (Paved)[1]	Seal & Adjust Frame (Non-Paved)[1]	Internal Chimney Seal	Cementitious Manhole Sealing	Grout Wall Joints	Number of Wall Joints	Wall Joint Location[2]	Curtain Grout Bottom 18"	Repair Bench & Trough	Replace Bench & Trough	Epoxy Coating	Add Barrel Section (Non-Paved)	Install New Manhole (Paved)	Abandon Manhole	Exhibit Grid #
20108	1101	N Broadway St	Paved Easement	Asphalt	2.78	25	2	Precast Concrete				X													14
20109	1030	N Hickory St	Street Pavement	Asphalt	2.38	24	0	Precast Concrete							X										14
20110	1101	N Broadway St	Paved Easement	Concrete	7.1	36	0	Concrete Block		X					X										14
								Totals	**13**	**20**	**3**	**67**	**3**	**8**	**104**	**14**	**17**		**6**	**2**	**7**	**2**	**1**	**1**	**1**	

1. Includes External Chimney Seal
2. Joint A is the joint that attaches the cone to the wall. Every subsequent joint below is labeled alphabetically.

Joliet , IL
GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM
MANHOLE REHABILITATION SCHEDULE - PART B - ESSINGTON ROAD

GENERAL INFORMATION					RECOMMENDATIONS		
Manhole No.	Street Number	Street Name	MACP Location Code	Surface Type	Replace Cover	Replace Frame & Cover (Paved)[1]	Exhibit Grid #
14099	2410	Essington Rd	Main Highway - Suburban/Rural	Asphalt	X		15
14103	2302	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	16
14105	2202	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	16
Unmapped Valve at Water Service Point 45282	2222	Essington Rd	Main Highway - Suburban/Rural	Asphalt	X		16
12584	1984	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	17
12585	1984	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	17
12586	1984	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	17
13182	1932	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	17
13250	1984	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	17
13178	1850	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	18
13179	1850	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	18
13180	1850	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	18
13159	1602	Essington Rd	Main Highway - Suburban/Rural	Asphalt	X		19
13161	1602	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	19
13162	1602	Essington Rd	Main Highway - Suburban/Rural	Asphalt	X		19
13176	1630	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	19

1. Includes External Chimney Seal

Joliet , IL
GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM
MANHOLE REHABILITATION SCHEDULE - PART B - ESSINGTON ROAD

GENERAL INFORMATION					RECOMMENDATIONS		
Manhole No.	Street Number	Street Name	MACP Location Code	Surface Type	Replace Cover	Replace Frame & Cover (Paved)[1]	Exhibit Grid #
13163	1407	Essington Rd	Main Highway - Suburban/Rural	Asphalt	X		20
13165	1407	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	20
2839	1202	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	21
13241	1222	Essington Rd	Main Highway - Suburban/Rural	Asphalt		X	21
				Totals	**5**	**15**	

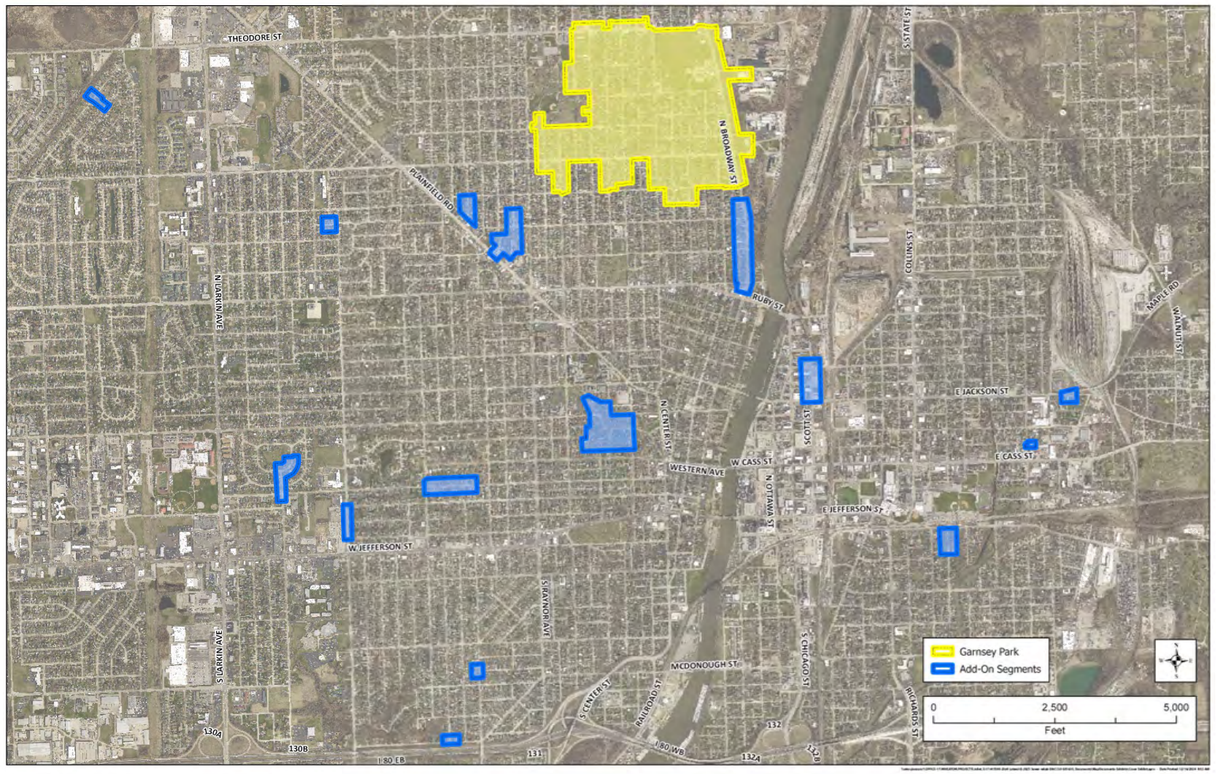
1. Includes External Chimney Seal

CITY OF JOLIET
GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM
CONTRACT NO. 2881-0225

INDEX OF SHEETS

1	COVER
2R	GENERAL NOTES
3R	SUMMARY OF QUANTITIES
4 - 34R	SEWER REHABILITATION EXHIBITS
35 - 55	MANHOLE REHABILITATION EXHIBITS
56-60	IDOT STANDARD TRAFFIC CONTROL
61-64	DETAILS

⚠1



LOCATION MAP
(NOT TO SCALE)

⚠ ADDENDUM 1: JANUARY 2025

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES.

FOR UNDERGROUND UTILITY LOCATIONS CALL
J.U.L.I.E. 1-800-892-0123

ADDENDUM 1
DECEMBER 2024

LICENSED PROFESSIONAL ENGINEER
SAI ARCHANA KUCHIMANCHI
062-069026
OF ILLINOIS

K. S. Archana

REGISTERED P.E., STATE OF ILLINOIS — EXPIRES 11/30/2025

rjn group Engineering infrastructure for tomorrow

LICENSE #062-071408
EXPIRES 04/30/2025

2655 WARRENVILLE RD
SUITE 225
DOWNERS GROVE, IL
60515

\\aws-panzura1\office-11\WHEATON\PROJECTS\joliet_il\11415500 2024 lateral & 2025 sewer rehab d&c\9.0 2025 sewer rehab design\2.0 cad\Sheets\1 Cover.dwg

CITY OF JOLIET
GENERAL NOTES

1. Division II, III and IV, and the applicable standard drawings of the "Standard Specifications for Water and Sewer Main Construction in Illinois" Dated January 2022, shall govern the construction of the proposed improvement, except as modified or revised, and/or amended as shown on the plans, or called for on the contract document, and/or as ordered by the engineer. All the references in Division II, III and IV to Division I of the Standard Specifications shall be deleted and reference made to the applicable sections of the contract documents. Paving improvements shall be constructed in conformance with standard Specifications for Road and Bridge Construction Adopted January 2022 by Illinois Department of Transportation.

2. The maximum allowable rate of infiltration shall not exceed 200 gallons per 24 hours per inch-diameter per mile of sewer pipe.

3. Sanitary sewer pipe shall be PVC-SDR26, unless stated otherwise, in accordance with ASTM D-2241 with gasket and integral bell joint conforming to ASTM F477 and ASTM D-3139 respectively.

4. All sanitary sewer shall be constructed on a minimum bedding of 6" embedment material Class II per ASTM D-2321.

5. All proposed sanitary sewer, water main and services under and within 2' of pavement or sidewalk shall be backfilled with trench backfill which shall be crushed stone, gradation CA-7 or CA-6.

6. Non Shear rubber mission connectors with stainless steel bands, nuts and housings shall be used at all points of change in sanitary sewer pipe material.

7. When connecting to the existing sanitary sewer, if no wye, tee or manhole is existing, one of the following methods shall be used:

A. Circular saw-cut sewer main by proper tools ("Sewer-Tap" machine or similar) and proper installation of hub-wye or hub-tee saddle.

B. With pipe cutter, neatly and accurately cut out desired length of pipe for insertion of proper fitting, using "BAND-SEAL" or similar coupling to hold it firmly in place.

8. Horizontal and vertical separation of water mains and sewer lines shall be done in accordance with Section 41-2.01B and Section 41-2.01C of the "Standard Specification for Water and Sewer Main Construction in Illinois" Adopted January 2022.

9. The locations of existing underground utilities, such as water mains, sewer, gas lines, etc., as shown on the plans have been determined from the best available information and is given for the convenience of the contractor. However, the engineer and owner do not assume responsibility for the accuracy of the locations shown. It shall be the contractor's responsibility to contact all utility companies and their facilities shall be located prior to any work.

10. Wherever obstructions not shown on the plans are encountered during the progress of the work and interfere to such an extent that an altercation in the plans is required, the engineer shall be notified prior to any changes.

11. As-Built drawings shall be prepared by the contractor and submitted to the engineer as soon as the project is completed. Any change in the length, location or alignment shall be shown in red.

12. The City of Joliet must be notified at (815) 724-4220 at least two working days prior to commencement of work.

13. Connections to existing manholes to be made by corning a hole through the manhole sidewall and installing an A-LOC OR KOR-N-SEAL type boot.

14. Leakage testing and deflection testing shall be performed in accordance with Section 31-1.11B (3 & 4) of the "Standard Specifications for Sewer and Watermain Construction in Illinois", Latest Edition. Vacuum testing of the manholes shall be performed in accordance with ASTM C-1244.

15. Erosion control will be constructed in accordance with standard specifications for soil erosion and sediment control as contained in IEPA/WPC/87-012 or Current Edition.

16. It shall be the Contractor's duty and responsibility to ascertain and execute the means, methods and sequence of construction in accordance with the plans, specifications and other contract documents. This shall include, but shall not be limited to, the exclusive duty and responsibility to provide for workplace safety and worker supervision. It shall exclusively be the Contractor's duty and responsibility to investigate and ascertain the current physical state and operational status of the City's water supply system and the City's sanitary sewer system, including whether a water main or other vessel is operational, contains water, is pressurized or is otherwise safe to alter. Any information provided by the City, or its employees and consultants, regarding the state of its water supply and sanitary sewer systems is provided as a courtesy to the Contractor but is not warranted to be true and may not be relied on by the Contractor in satisfaction of, or to diminish, its exclusive duty to ascertain and execute the means, methods and sequence of construction in accordance with the plans, specifications and other contract documents and its exclusive responsibility to provide for workplace safety and worker supervision.

CITY OF JOLIET
PROJECT NOTES

1. Contractor shall be responsible for coordinating access to manholes in backyards.

2. The utility locations drawn on the plan sheets are approximate locations. The contractor is responsible for all utility locates.

3. The contractor shall protect all existing utilities and infrastructure, if possible.

4. Notifications to affected homeowners should be handed out at least 24 hours in advance before Pre-Cleaning, CIPP, Grouting, and Post TV.

5. The contractor shall get approval by the Engineer and the City before removing and replacing any water main or storm sewer.

6. The Contractor shall provide bypass pumping as needed to maintain the sewer service and to prevent sewage backups during construction.

7. On a daily basis, the work and the adjacent areas affected thereby shall be cleaned up and all rubbish, surplus materials, and unneeded construction equipment shall be removed and all damage repaired so that the public and private owners will be inconvenienced as little as possible. Upon completion of the work, these areas shall be left in a clean and neat condition.

8. Traffic control shall be per the City of Joliet or State requirements.

9. Prior to removal of existing trees and shrubs for access and/or excavation, the Contractor shall coordinate with the City of Joliet, the Homeowner and the Engineer.

10. Contractor to verify all dimensions prior to rehabilitation.

11. Contractor to utilize plywood or equivalent material to minimize damage to yards and driveways by equipment or stockpiled backfill.

12. Cured-in-place Pipelining shall be completed before the cementitious coating of any adjacent manholes.

13. Dye test list shall be determined by the contractor and the plans are solely to assist with the buildings that may need to be dye tested. Only buildings that have more than one service or no services identified during pre-tv will be authorized for payment.

14. Only one active lateral reinstatement per property shall be allowed during cured-in-place pipelining unless otherwise approved in advance by the City.

15. Services that are determined to be active and scheduled to be lateral lined as part of the City's separate, multi year 2025 Sanitary Service Lateral Lining Project shall not be air tested and grouted. If a service scheduled for lining is determined to be inactive, it shall not be reinstated following CIPP lining.

SANITARY SEWER
MANHOLE MATERIALS LIST

1. MANHOLE CASTING
Casting shall be East Jordan 1022-3 lid with seal and 1050 frame & cover
Castings for bolted manholes shall be R-1916-C frame and lid.

2. EXTERNAL CHIMNEY SEALS
Shall be Infi-Shield Uni-Bands or approved equal

3. INTERNAL CHIMNEY SEALS
FlexSeal Utility Sealant or approved equal for all manholes

4. MANHOLE GROUT
Avanti AV-100 or approved equal for all manholes.
Hydrostop-Flex 40/500, Avanti AV-100, Deneprox 40 or approved equal shall be used for Severe Grout Infiltration

5. MANHOLE INTERNAL COATINGS
Strong Seal QSR, Quadex Hyperform or approved equal shall be used for patching
Strong Seal High Performance Mix shall be used for all Cementitious Coating
Strong-Plug, Quadex Quad-Plug, or approved equal shall be used for any visible infiltration

6. RUBBER COMPOSITE ADJUSTMENT RINGS
EJ Infra-Riser or pre-approved equal shall be used

7. PRECAST CONCRETE ADJUSTMENT RINGS
Shall conform to ASTM C478

8. BARREL SECTION
Shall conform to C478

9. BITUMASTIC GASKET MATERIAL
EZ-STIK or approved equal shall be used

HOT-MIX ASPHALT
MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
ROADWAY	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm)	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	4% @ 50 Gyr.
HOT-MIX ASPHALT DRIVEWAY PAVEMENT	4% @ 50 Gyr.

NOTES:
- The unit weight used to calculate all hma surface mixture quantities is 112 lbs/sq yd/in.
- The "ac type" for polymerized hma mixes shall be "sbs/sbr pg 70-22" and for non-polymerized hma the "ac type" shall be "pg 64-22" unless modified by district one special provisions. For "percent of rap" see district one special provisions.
- This note must always be present under the mixture table when including a pay item for surface course that is measured in tons. use 135 lbs/sq yd/in. if using an sma surface course.

State Standards

000001-08 Symbols & Abbreviations
424001-11 Perpendicular Curb Ramps for Sidewalks
602401-07 Precast Manhole, Type A, 4' (1.22m) Diameter
602601-06 Precast Reinforced Concrete Flat Slab Top
602701-02 Manhole Steps
606001-08 Conc. Curb Type B & Comb Curb & Gutter
701502-09 Urban Lane Closure, 2L, 2W, With Bidirectional Left Turn Lane
701701-10 Urban Lane Closure, Multilane 2W, With Bidirectional Left Turn Lane
701801-06 Sidewalk, Corner or Crosswalk Closure
701901-09 Traffic Control Devices
704001-08 Temporary Concrete Barrier
782006-01 Guardrail and Barrier Wall Reflector Mounting
780001-05 Typical Pavement Markings
B.L.R. 21-9 Typical Application of Traffic Control Devices on Rural Local Highways

1

COMPLETION DATES SCHEDULE

GARNSEY PARK - ALL AREAS
- Substantial Completion: 335 Calendar Days from NTP
- Final Completion: 365 Calendar Days from NTP

For all areas with a coinciding water main improvement project, the Contractor must complete all work prior to the Notice to Proceed or after Final Completion of the water main improvement project. Refer to the table below for a list water main improvement project areas and dates. Refer to individual rehabilitation exhibits to determine overlapping sewer rehabilitation and water main improvement project areas.

Water Main Project Name	NTP Date	Final Date
Broadway (Theodore to Ruby)	4/1/2025	9/28/2025
North Downtown	4/1/2025	11/27/2025
Emerald Lawns Phase 1	5/1/2025	10/28/2025
Virginia Phase 1	3/15/2025	6/3/2025
Midland and Campbell	7/1/2025	10/29/2025
Upper Bluff	6/1/2025	12/28/2025
Marquette Park	5/1/2025	10/28/2025
North Prairie	6/1/2025	10/29/2025
Reedwood Phase 3	4/1/2025	8/29/2025
Hickory Creek West	5/1/2025	10/28/2025

	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	GENERAL NOTES	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL / 63 / 2R
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	

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SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNITS	TOTAL QUANTITY
	PART A - GARNSEY PARK		
1	Pre-Construction Cleaning and Televising	LF	42,450
2	Field Locate & Mark (Sonde Locating)	EACH	5
3	Project Management	HR	14
4	Cured-in-Place Pipelining (6")	LF	275
5	Cured-in-Place Pipelining (8")	LF	17,770
6	Cured-in-Place Pipelining (10")	LF	11,700
7	Cured-in-Place Pipelining (12")	LF	4,070
8	Cured-in-Place Pipelining (15")	LF	4,900
9	Cured-in-Place Pipelining (18")	LF	1,080
10	Cured-in-Place Pipelining (24")	LF	720
11	Lateral Reinstatements	EACH	945
12	Transition Liner, 8" to 10"	EACH	2
13	Cut Protruding Taps	EACH	185
14	Cut Protruding Taps using Schwalm Robot	EACH	20
15	Air Test and Grout Mainline Joint (8")	EACH	5
16	Air Test Service Connection (5-foot)	EACH	500
17	Grout Service Connection (5-foot)	EACH	500
18	Dye Testing of Parcels	EACH	95
19	Lateral Launch Parcels	EACH	15
20	Flowable Fill Abandon Mainline Sewer (10")	CY	2
21	Replace Sanitary Cover	EACH	13
22	Seal & Adjust Manhole Frame (Paved)	EACH	67
23	Seal & Adjust Manhole Frame (Unpaved)	EACH	3
24	Raise Buried Manhole (Paved)	EACH	1
25	Raise Buried Manhole (Unpaved)	EACH	1
26	Replace Sanitary Frame & Cover (Paved)	EACH	20
27	Replace Sanitary Frame & Cover (Unpaved)	EACH	3
28	Internal Chimney Seal	EACH	8

ITEM NO.	ITEM DESCRIPTION	UNITS	TOTAL QUANTITY
	PART A - GARNSEY PARK CONT.		
29	Install New Sanitary Manhole, Type A, 4' Diameter, Type 1 Frame, Closed Lid	EACH	1
30	Install Barrel Section	EACH	1
31	Grout Wall Joints	EACH	20
32	Grout Bottom 18"	EACH	6
33	Curtain Grout Manhole	EACH	1
34	Cementitious Manhole Sealing, 24" Dia.	VF	10
35	Cementitious Manhole Sealing, 36" Dia.	VF	215
36	Cementitious Manhole Sealing, 48" Dia.	VF	700
37	Vacuum Testing	EACH	26
38	Epoxy Coating, 36" Dia.	VF	25
39	Repair Bench & Trough	EACH	2
40	Replace Bench & Trough	EACH	7
41	Pour Bench	EACH	5
42	Plug Pipe with Mechanical Plug and Concrete Cap	EACH	2
43	Abandon Sanitary Manhole	EACH	2
44	HMA Driveway Pavement Removal and Replacement	SY	25
45	PCC Driveway Pavement Removal and Replacement	SY	25
46	Contingent Cash Allowance	LS	$ 85,000.00
	PART B - ESSINGTON ROAD		
47	Replace Water Valve Vault Cover	EACH	5
48	Replace Water Valve Vault Frame & Cover (Paved)	EACH	15

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	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SUMMARY OF QUANTITIES	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL / 63 / 3R
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	

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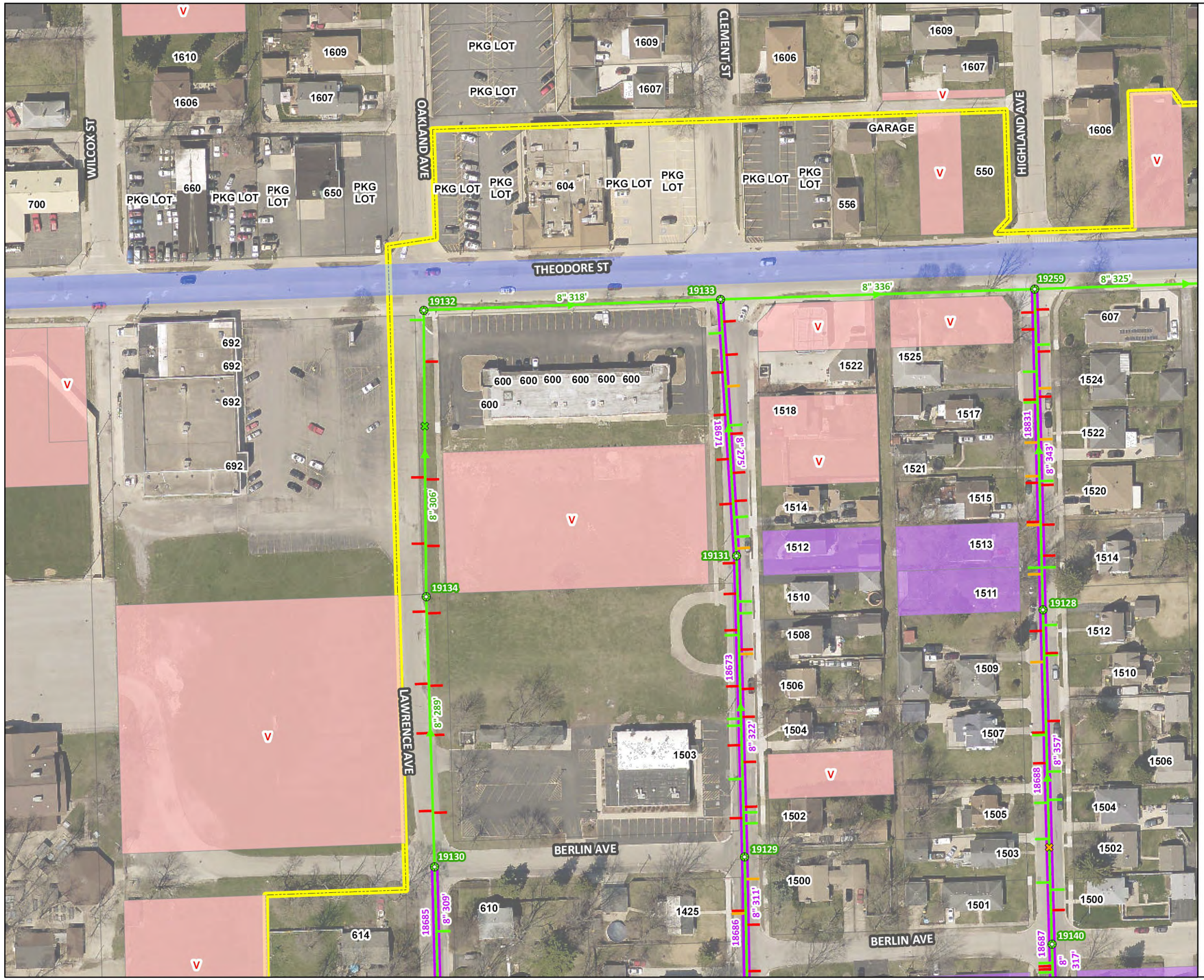

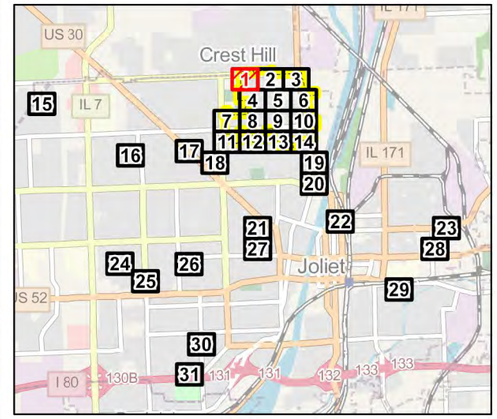

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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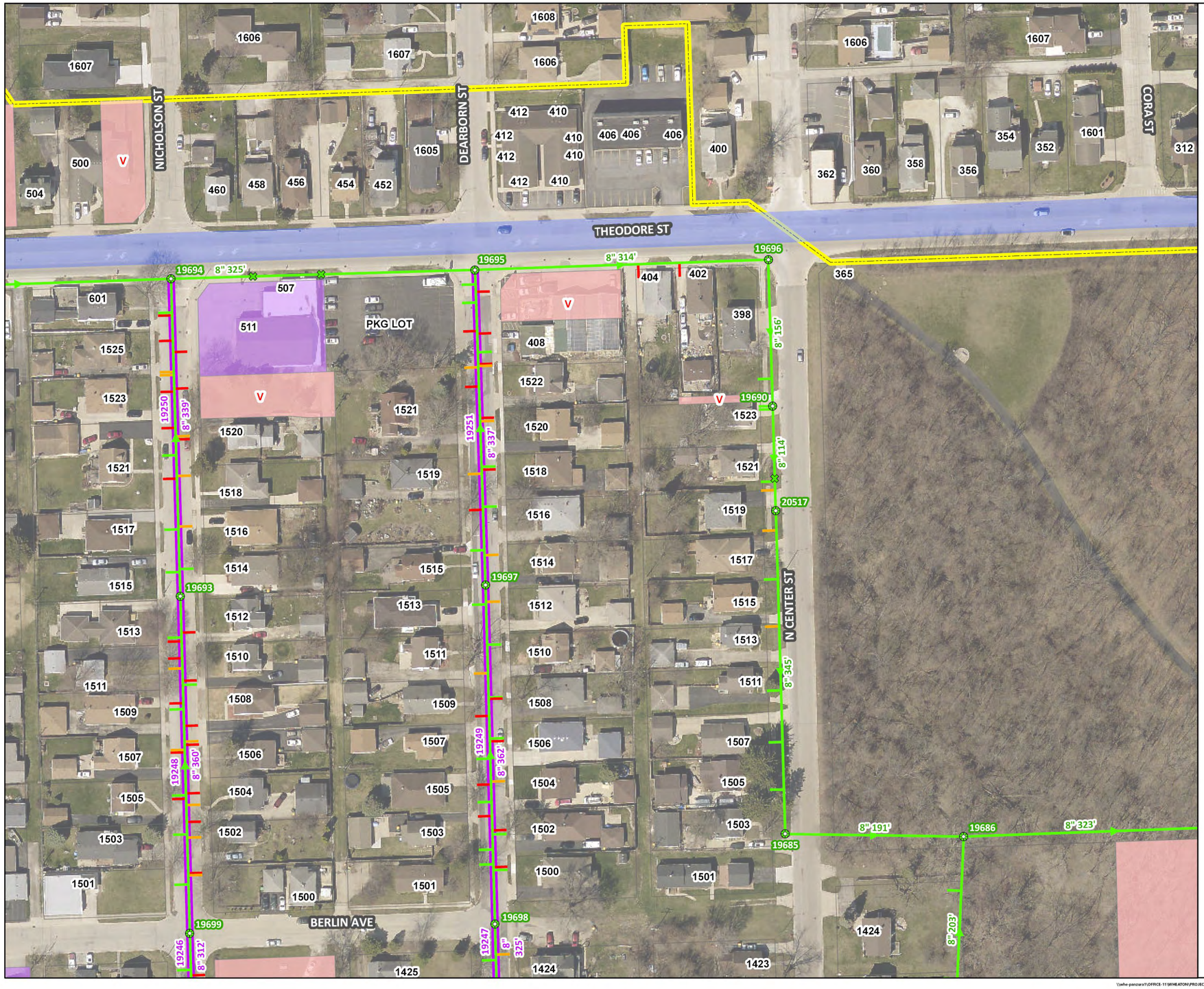
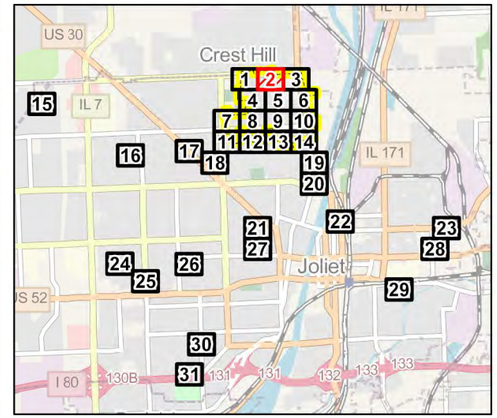
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	





- Joliet Sanitary Manhole
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- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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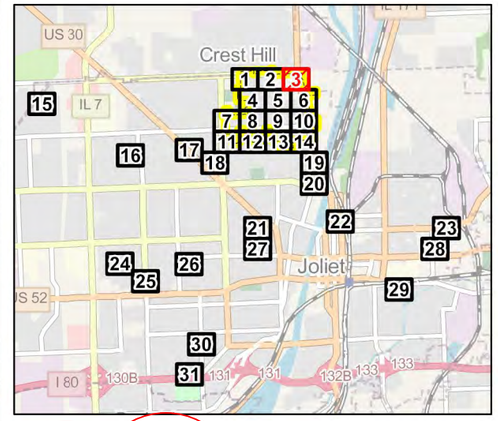
	DESIGNED: YG			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 2	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL	63	5
	CHECKED: AK					VERTICAL:	STA.	TO STA.	
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00			





All work must be completed prior to the Notice to Proceed or after Final Completion of the Broadway (Theodore to Ruby) Water Main Improvements.

1

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Interceptor
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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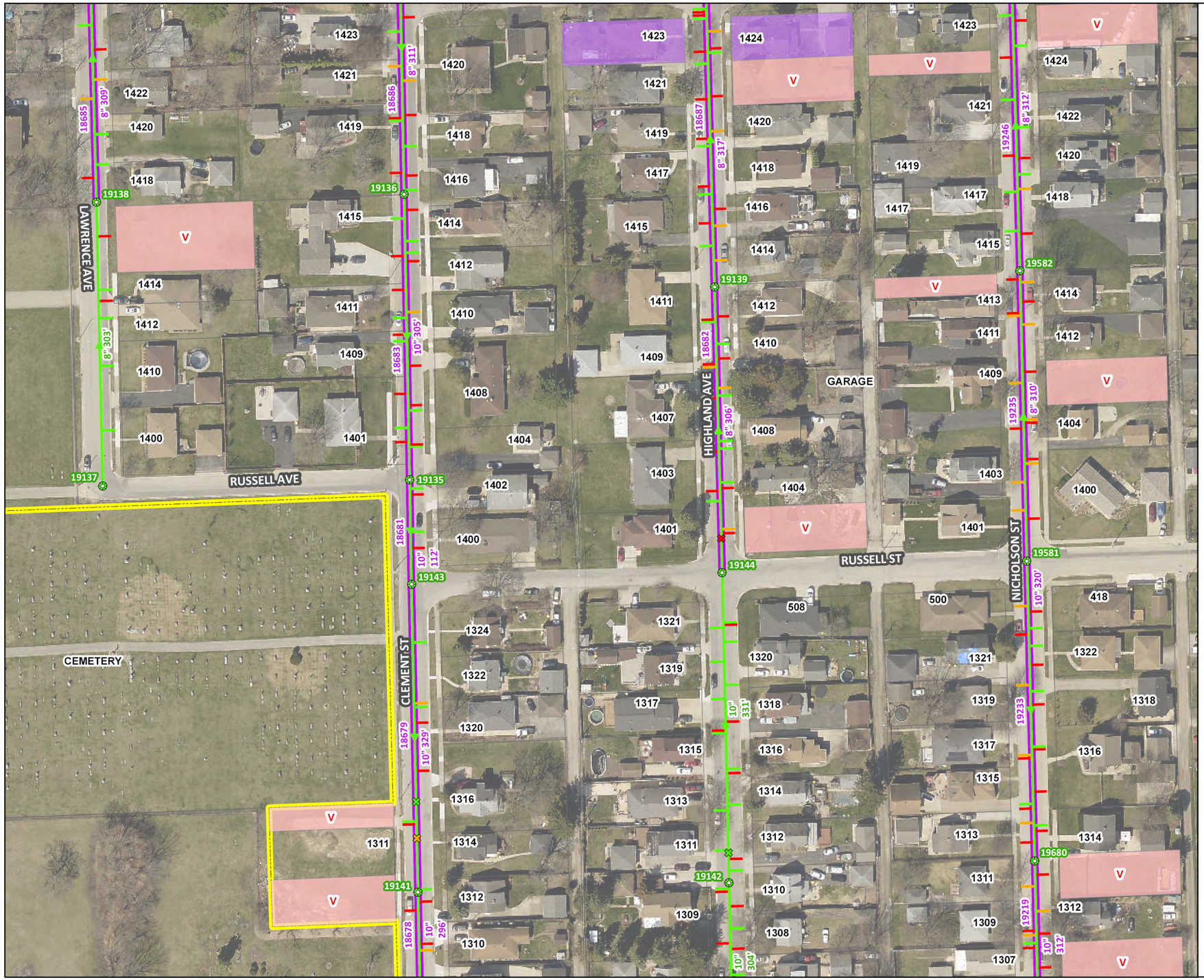
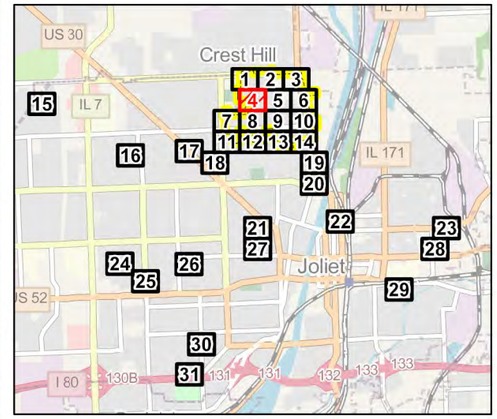
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025				SCALES	COUNTY	TOTAL SHEETS / SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL	63 / 6R
	CHECKED: AK					VERTICAL:	STA.	TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00		

GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM

SEWER REHABILITATION – AREA 3





- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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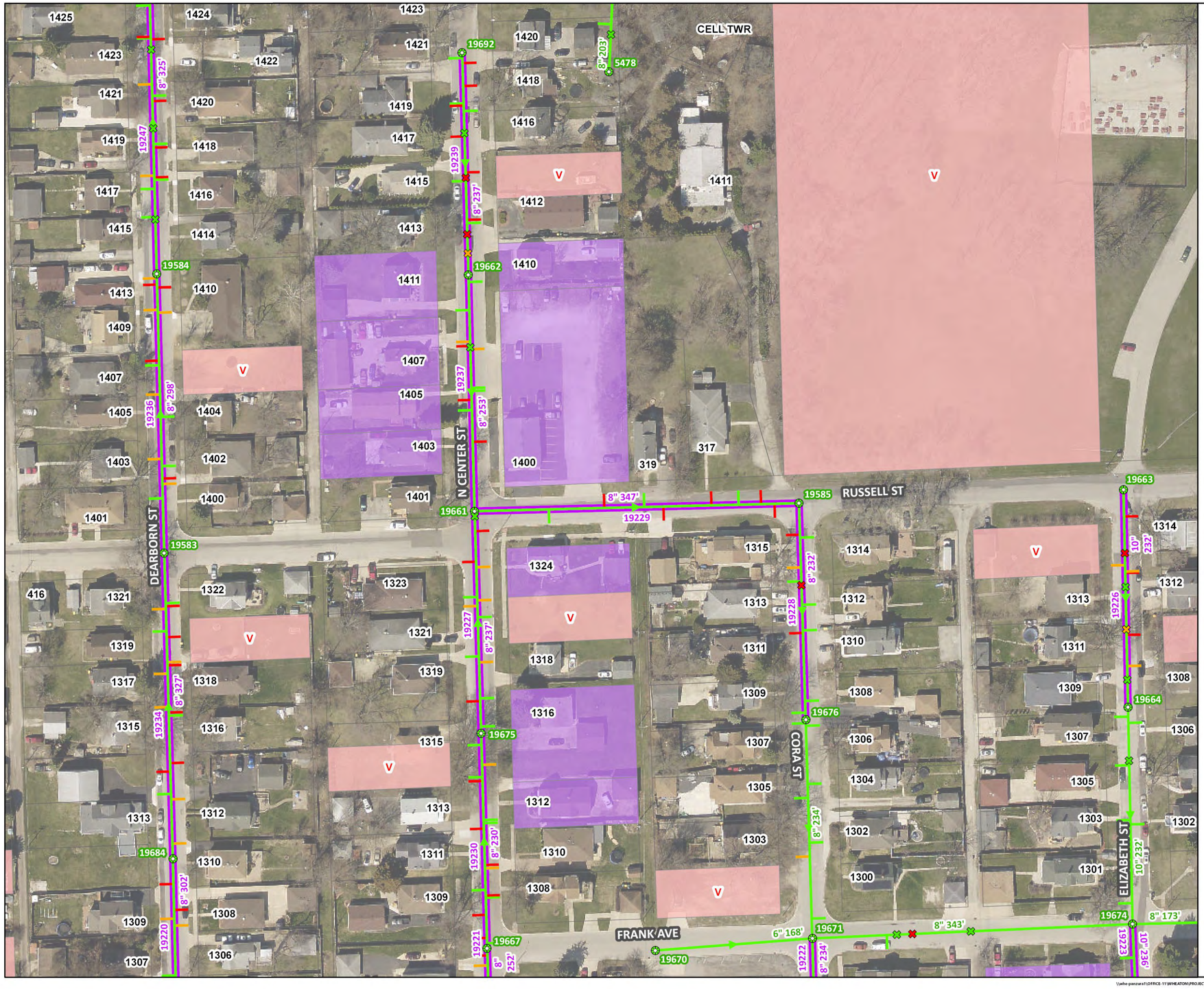
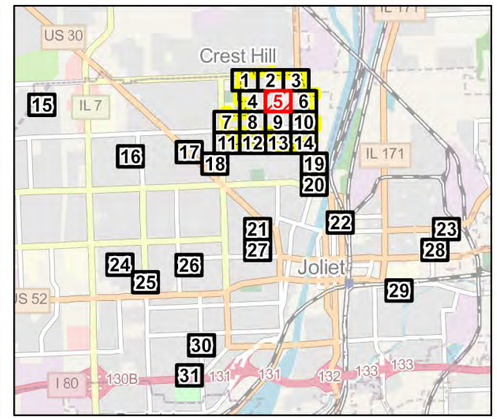
	DESIGNED: YG			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 4	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL / 63 / 7
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	





- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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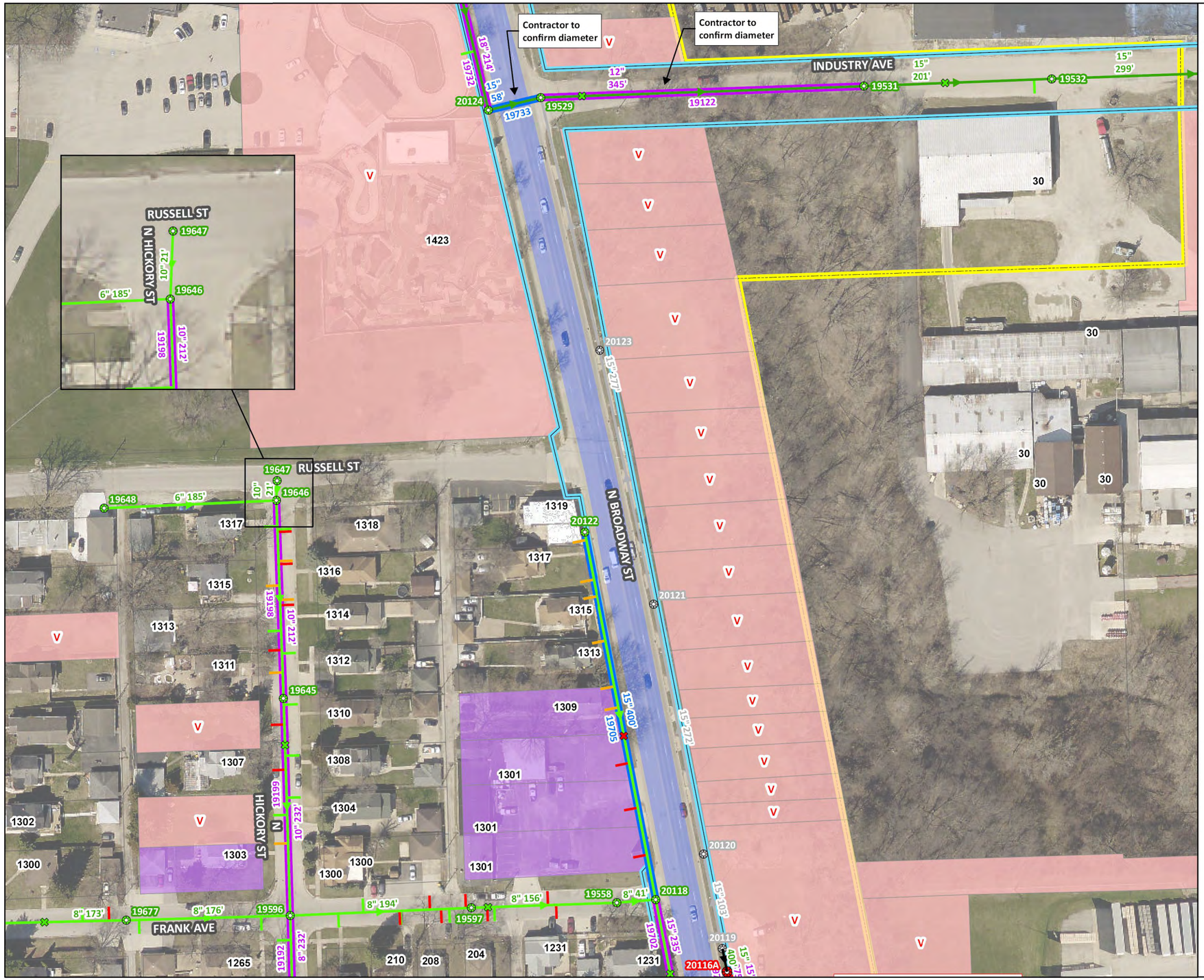
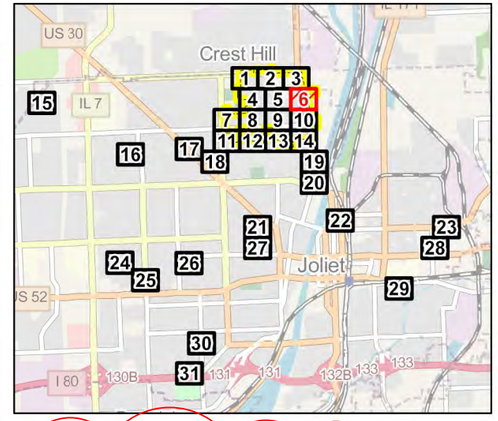
	DESIGNED: YG			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 5	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL / 63 / 8
	CHECKED: AK					VERTICAL:	STA. / TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	





All work must be completed prior to the Notice to Proceed or after Final Completion of the Broadway (Theodore to Ruby) Water Main Improvements.

1

- Proposed New Manhole
- Segment to be Abandoned
- Joliet Sanitary Manhole
- Abandoned Sewer Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Interceptor
- Abandoned Sewer Main Sanitary
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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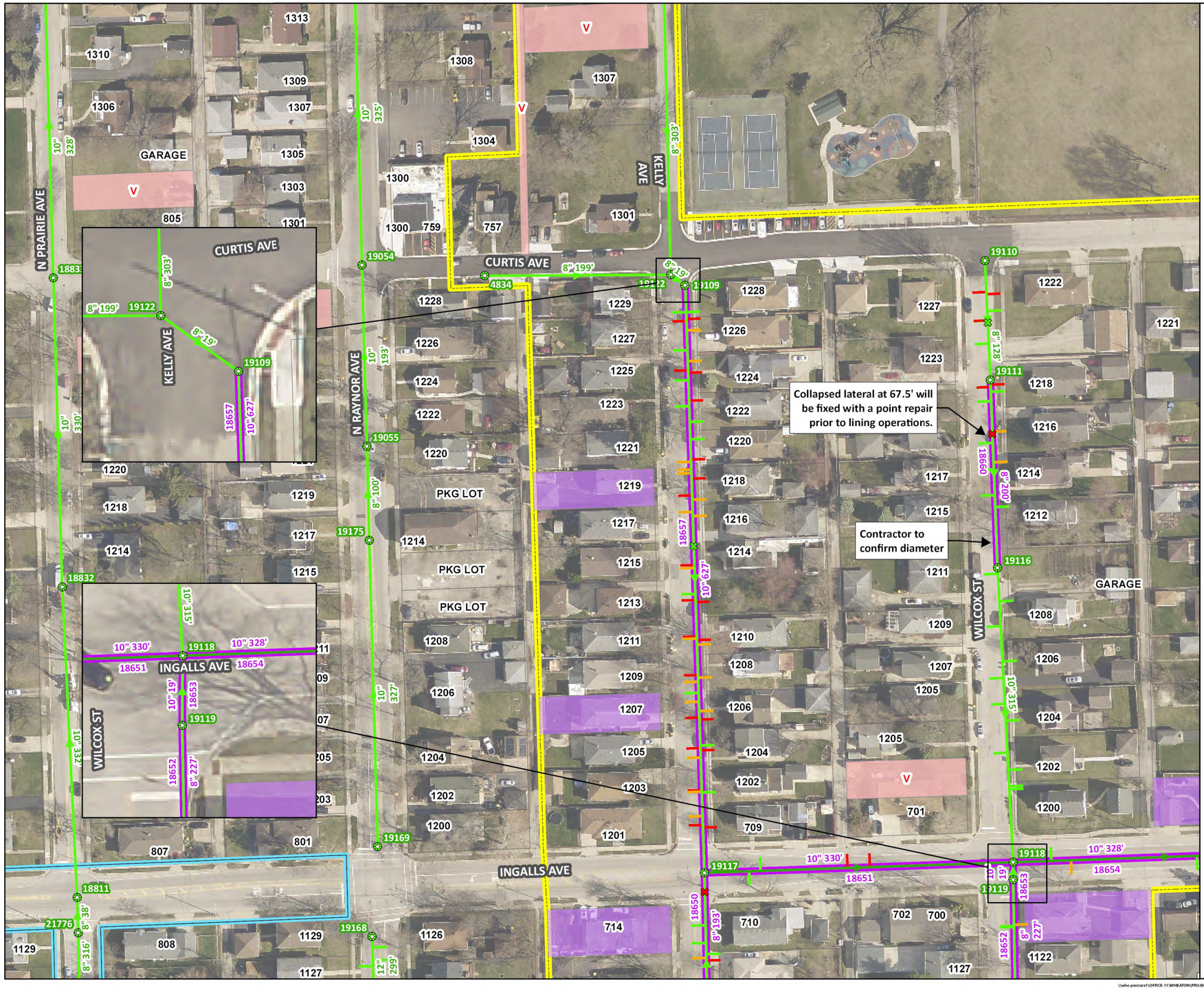
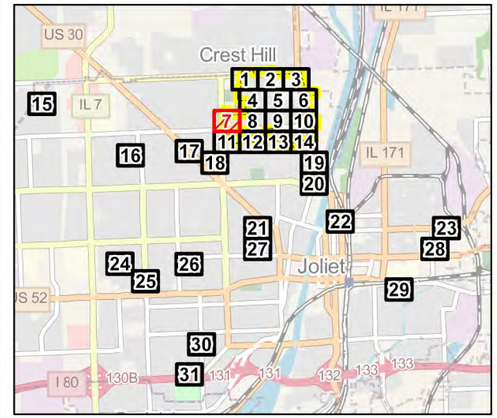
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 6	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL	63	9R
	CHECKED: AK					VERTICAL:	STA.	TO STA.	
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00			





- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Interceptor
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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	DESIGNED: YG			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 7	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL	63	10
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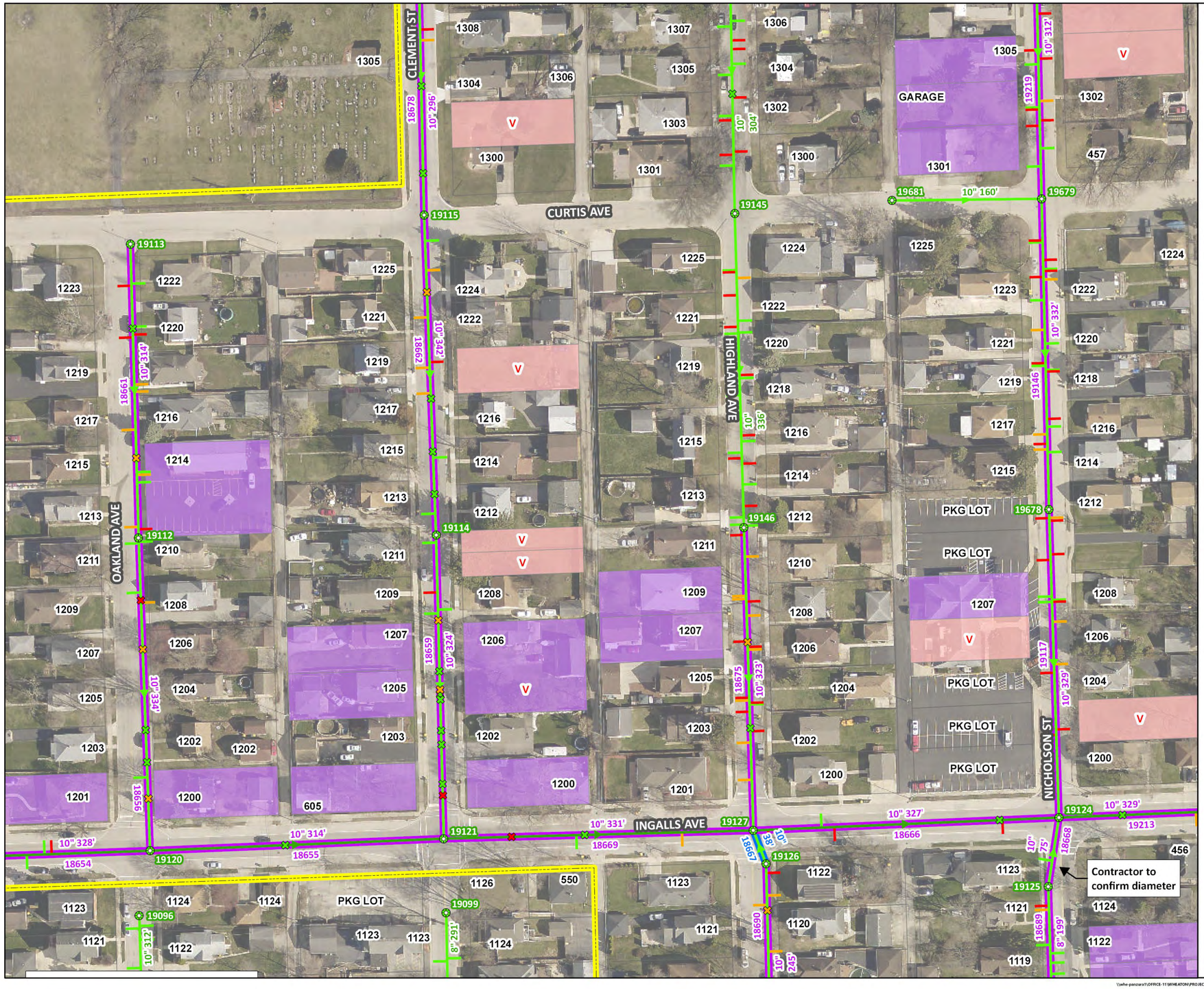
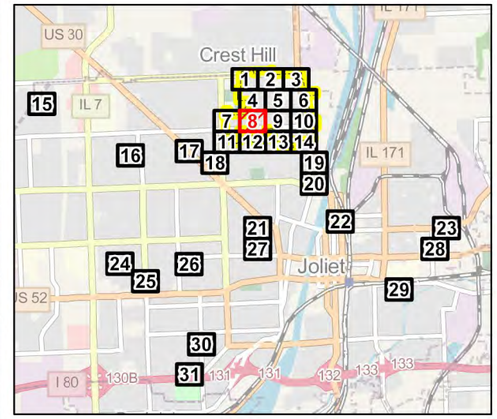
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00			





- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Interceptor
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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	DRAWN: ML					HORIZONTAL:	WILL / 63 / 11
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	

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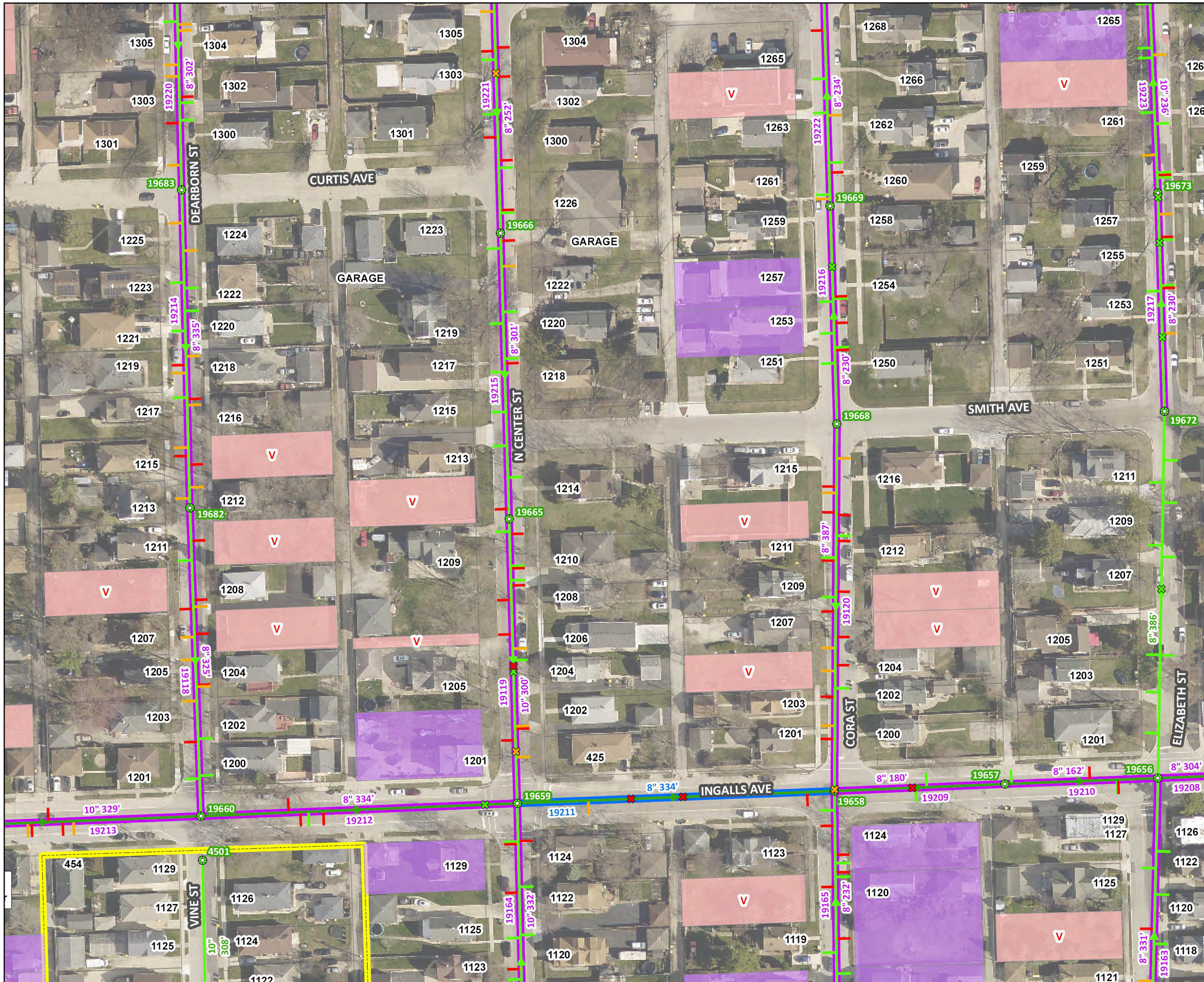
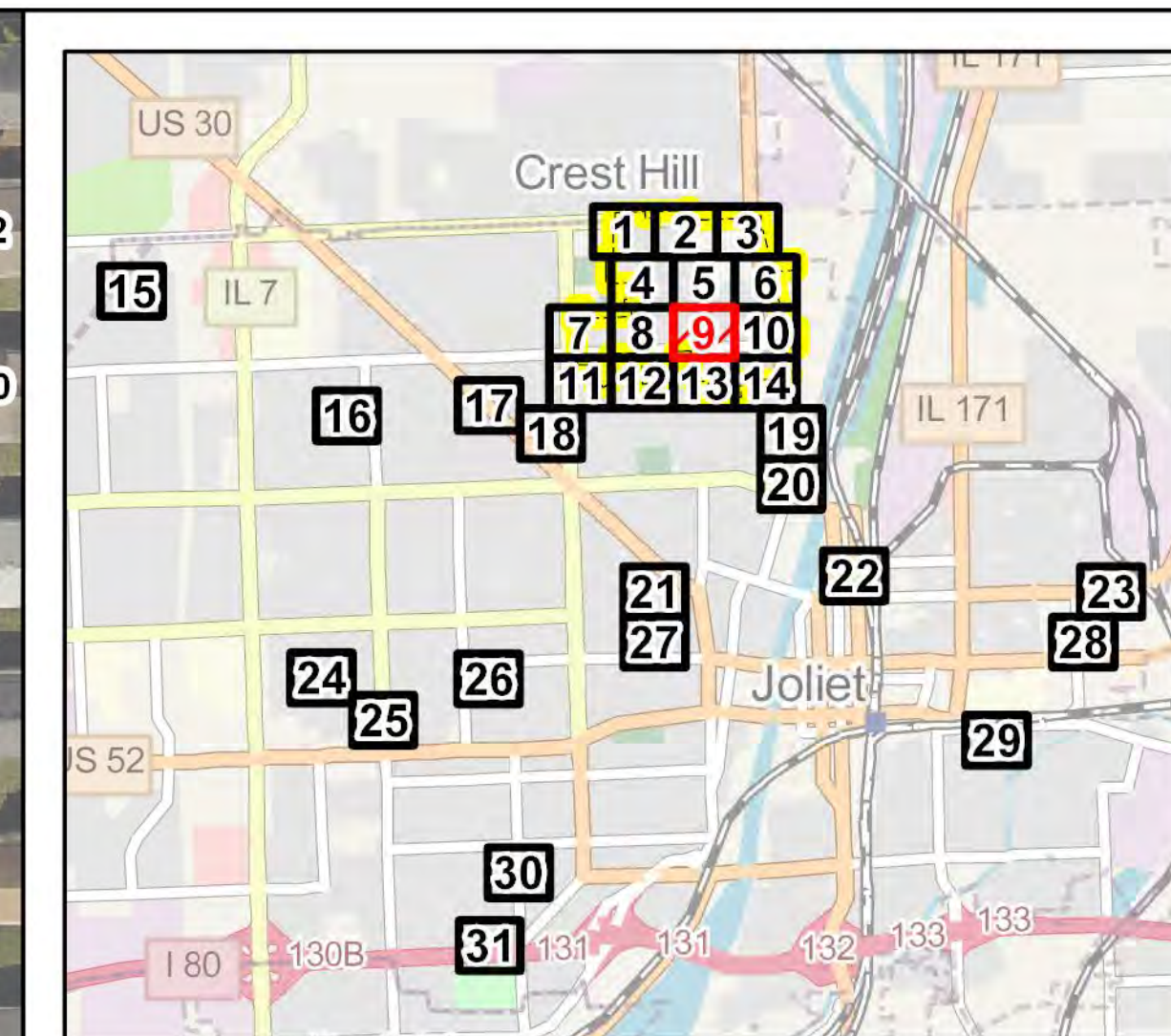
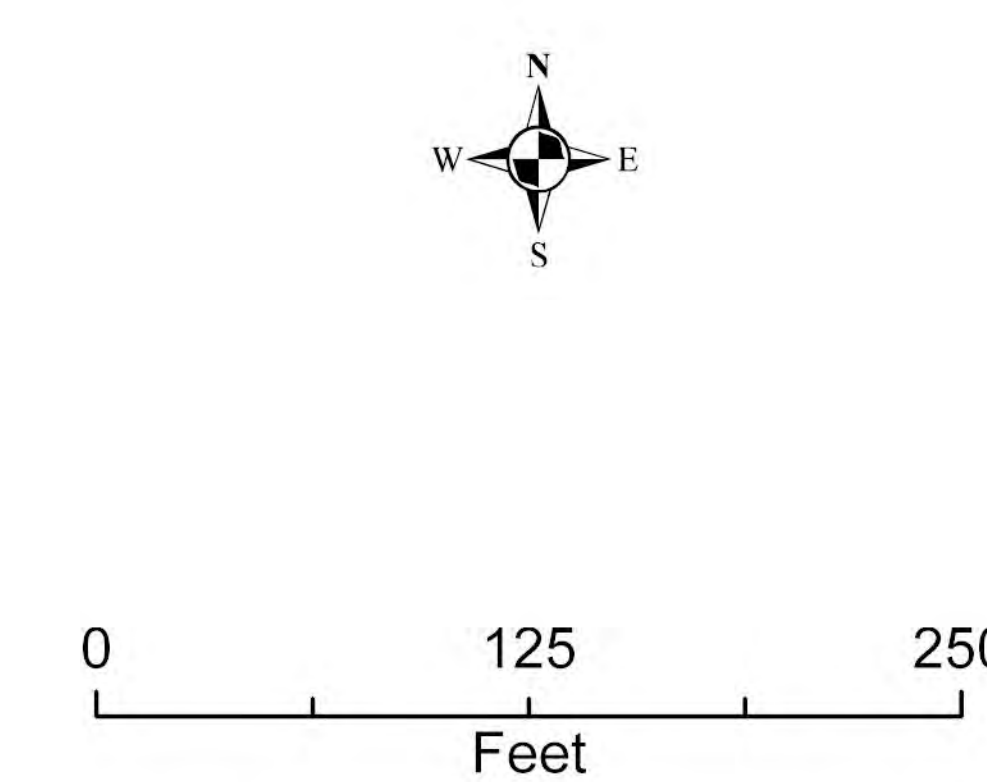




- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Interceptor
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park



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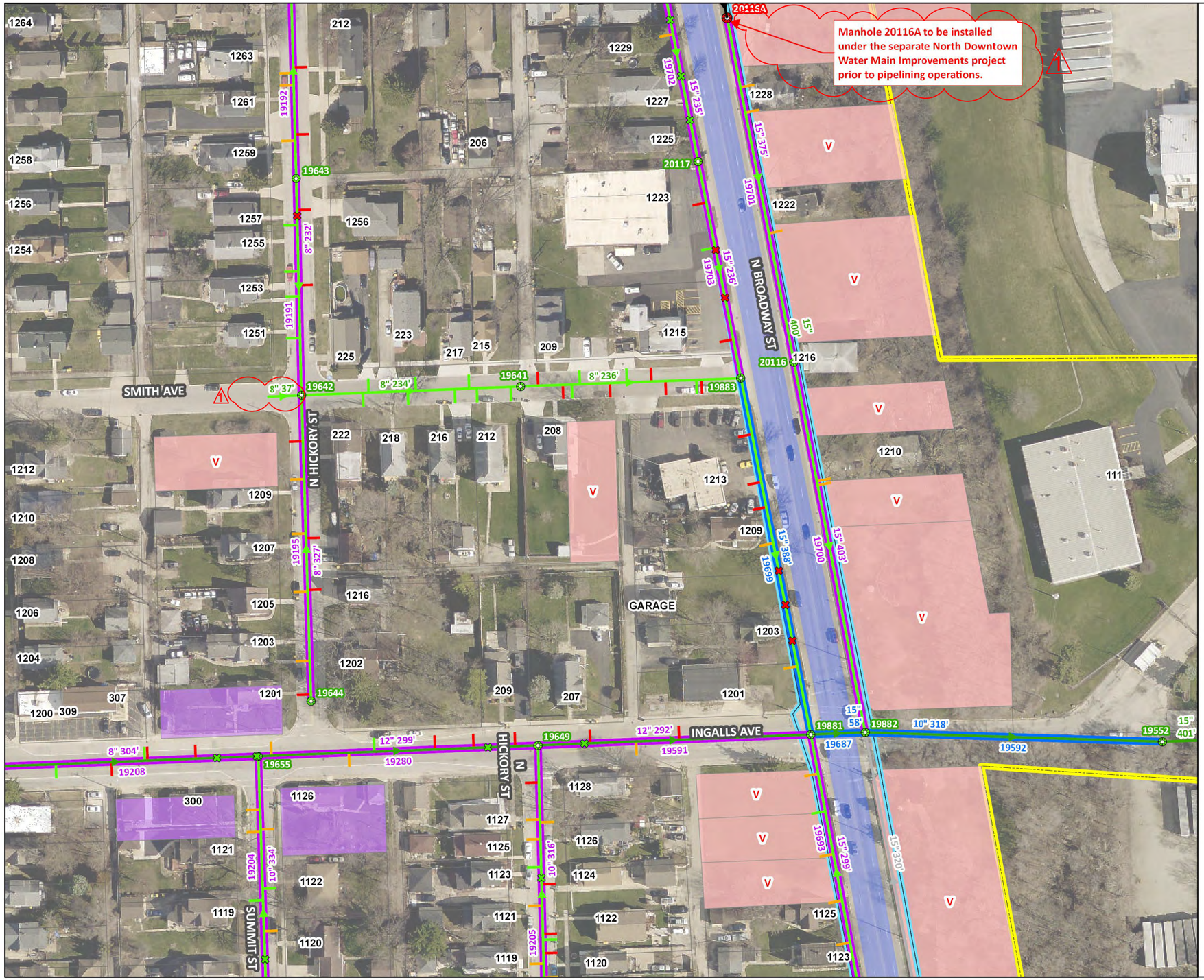
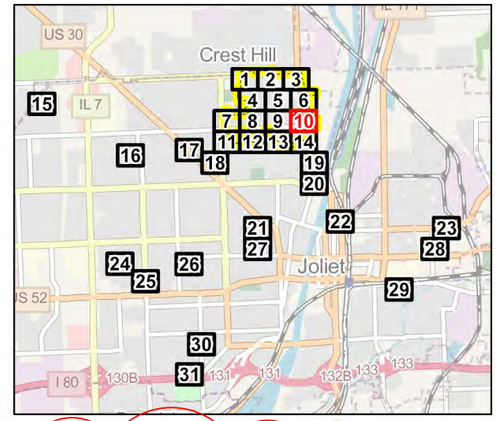
	DESIGNED: YG			rjn group	GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 9	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: ML						HORIZONTAL:	WILL	63	12
	CHECKED: AK						VERTICAL:	STA.	TO STA.	
1/9/2025	DATE: DECEMBER 2024						PROJECT NO. 11–4155–00			





All work must be completed prior to the Notice to Proceed or after Final Completion of the Broadway (Theodore to Ruby) Water Main Improvements.

- Proposed New Manhole
- Segment to be Abandoned
- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Interceptor
- Abandoned Sewer Main Sanitary
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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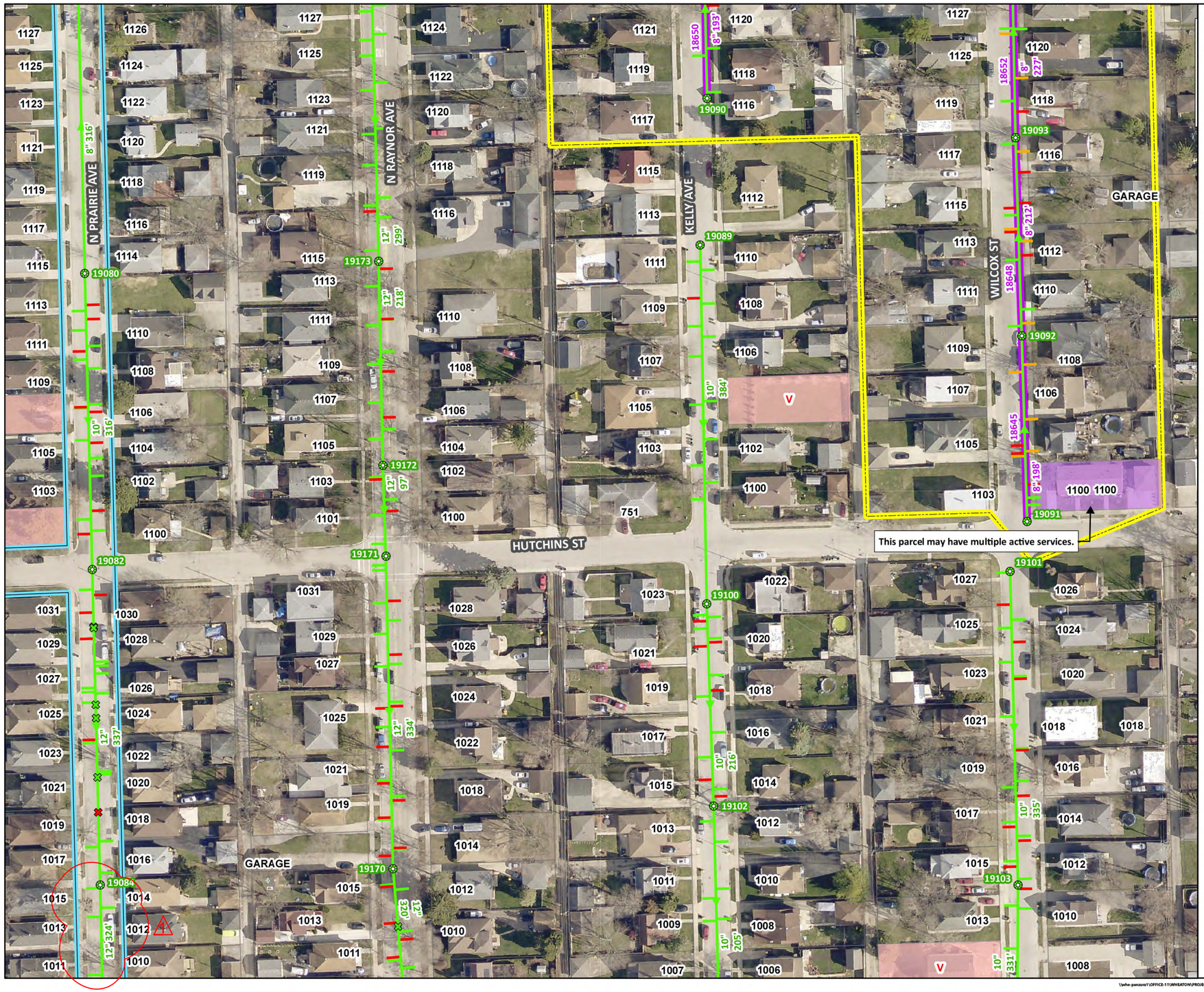
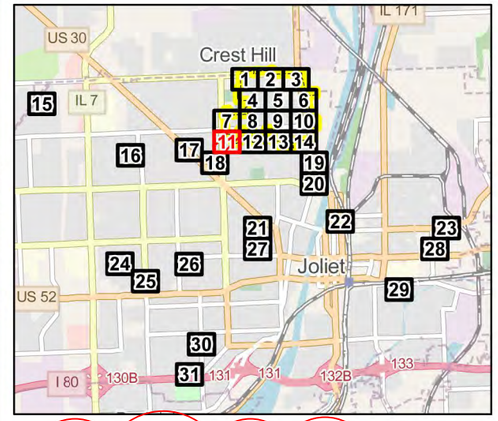
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025				SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: ML			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 10	HORIZONTAL:	WILL	63	13R
	CHECKED: AK					VERTICAL:	STA.	TO STA.	
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00			





~~Substantial completion will be completed prior to April 1st, 2025 in lieu of the ongoing North Downtown Water Main Improvements.~~ 1

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 11	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: ML						HORIZONTAL:	WILL	63	14R
	CHECKED: AK						VERTICAL:	STA.	TO STA.	
1/9/2025	DATE: DECEMBER 2024						PROJECT NO. 11-4155-00			

19149:19150 TV incomplete due to diameter changes. City to install a manhole at the 8" to 6" transition in order to secure better TV footage for Contractor. During construction, the Contractor shall install another manhole upstream before pipelining operations.

Transition Liner 10" to 8"

City to install manhole at 8" to 6" Transition

Proposed New Manhole

HUTCHINS ST

OAKLAND AVE

CLEMENT ST

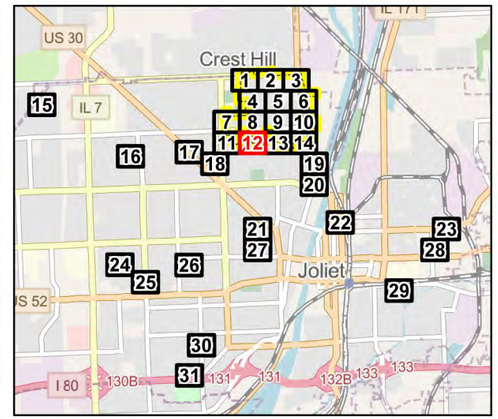
HIGHLAND AVE

NICHOLSON ST

GARAGE

PKG LOT

Unknown 28'



- Proposed New Manhole
- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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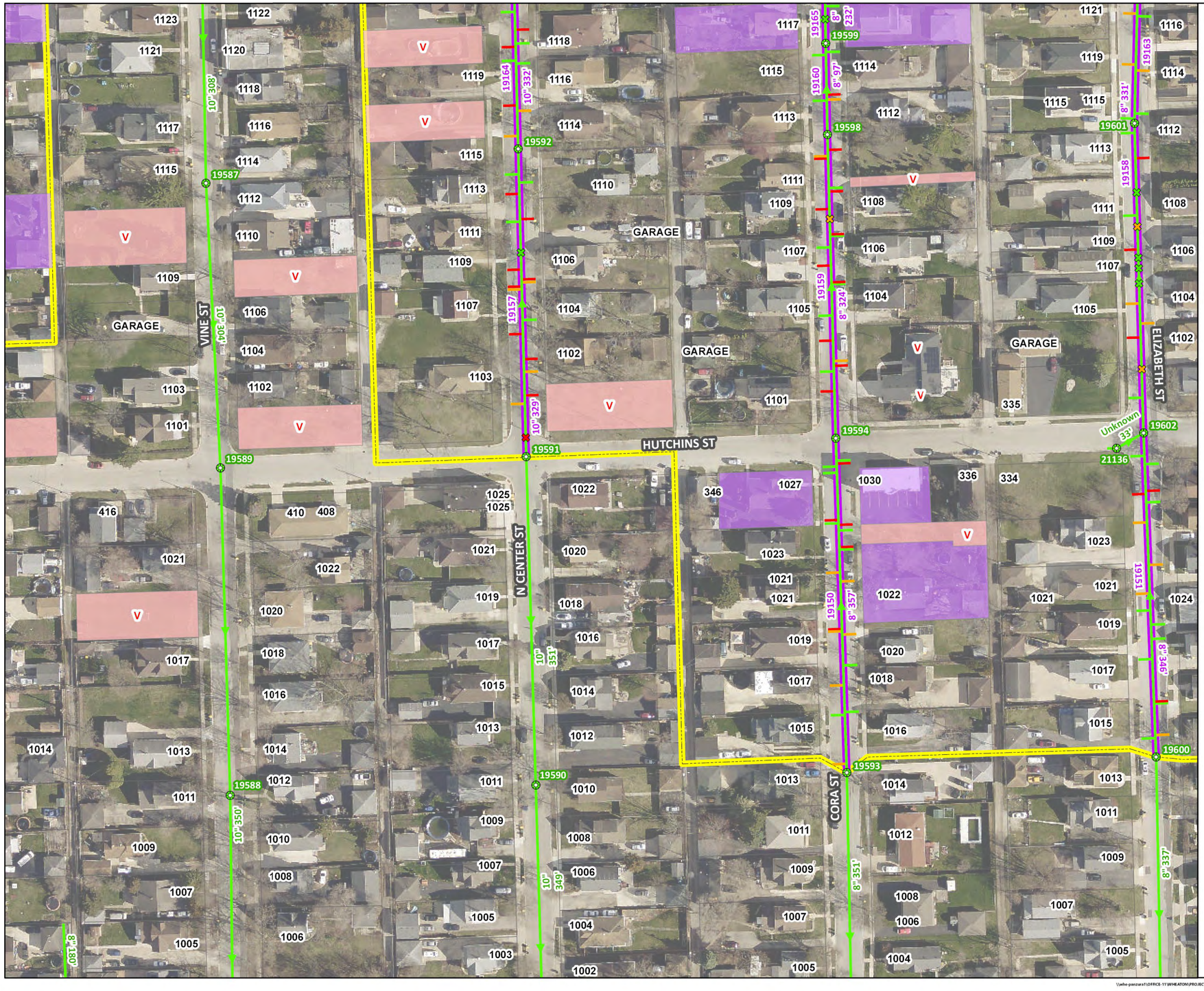
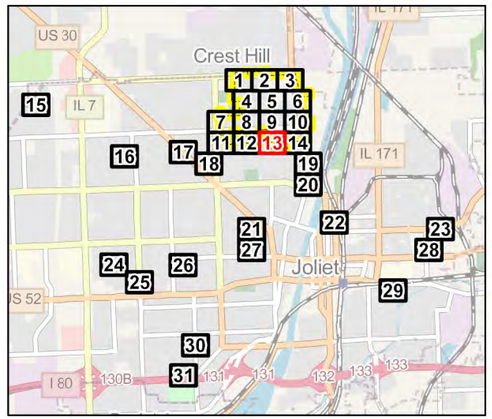
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025
	DRAWN: ML	
	CHECKED: AK	
1/9/2025	DATE: DECEMBER 2024	

GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM

SEWER REHABILITATION – AREA 12

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL:	WILL	63	15R
VERTICAL:	STA.	TO STA.	
PROJECT NO. 11-4155-00			





- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
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- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
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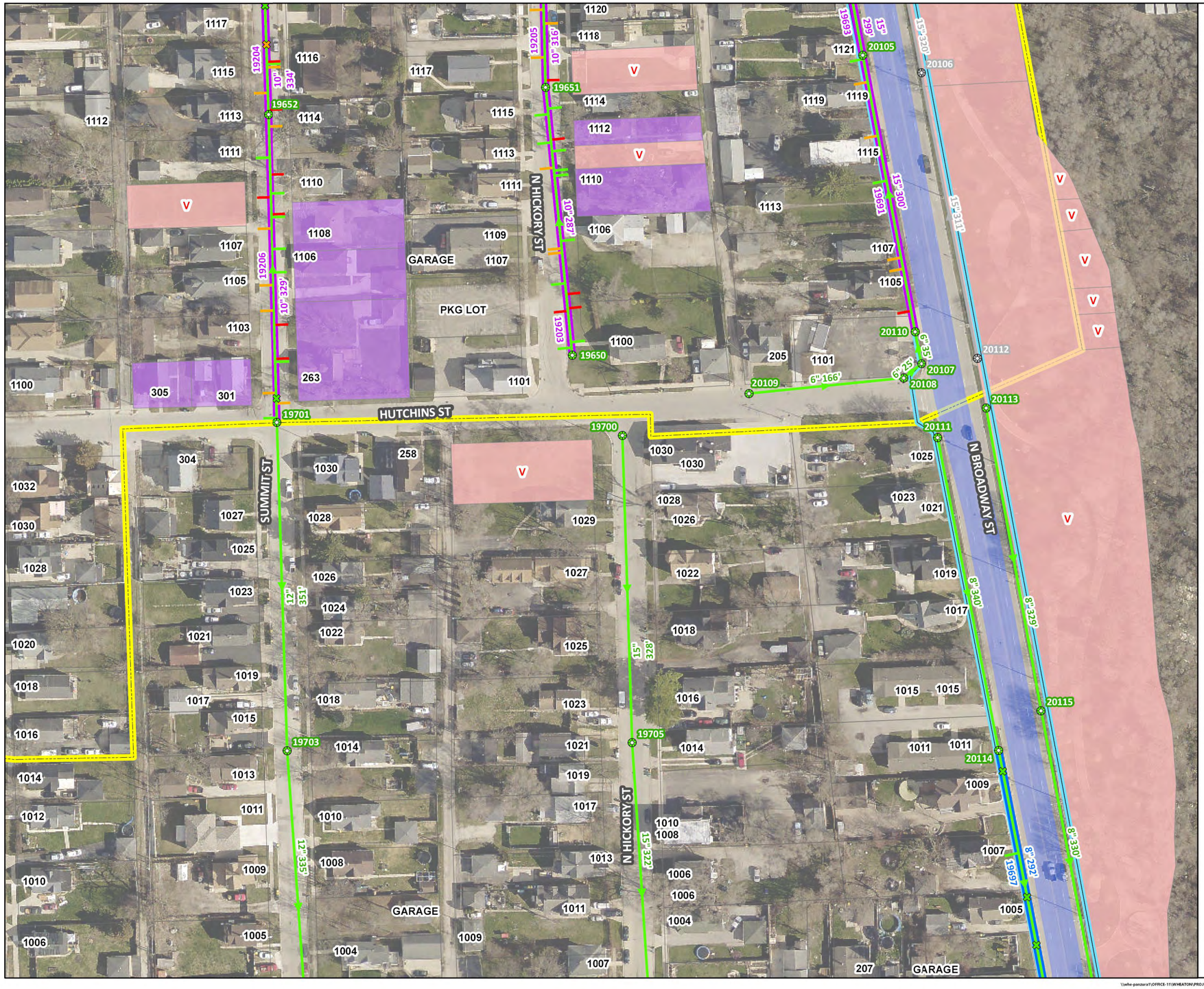
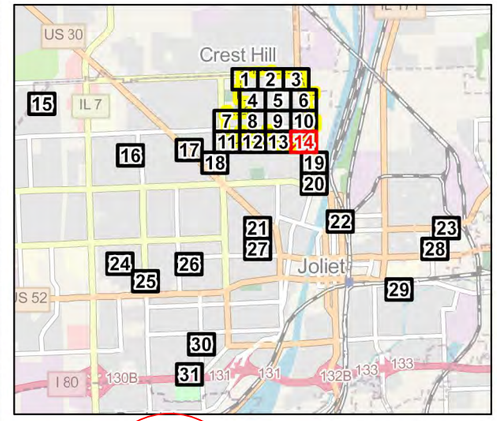
\\whe-panzara1\OFFICE-11\WHEATON\PROJECTS\Joliet_IL\11415500 2024 Lateral & 2025 Sewer rehab D&C\5.0 GIS\GIS_Documents\MapDocuments-Exhibits\Sewer and Lateral Rehab Exhibits.aprx - Date Printed: 12/16/2024 9:15 AM

\\whe-panzara1\office-11\WHEATON\PROJECTS\Joliet_IL\11415500 2024 lateral & 2025 sewer rehab d&c\9.0 2025 sewer rehab design\2.0 cad\Sheets\16 Sewer Rehabilitation - Area 13.dwg

	DESIGNED: YG			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 13	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL	63	16
	CHECKED: AK					VERTICAL:	STA.	TO STA.	
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00			





All work must be completed prior to the Notice to Proceed or after Final Completion of the Broadway (Theodore to Ruby) Water Main Improvements.

1

- Joliet Sanitary Manhole
- Abandoned Sewer Manhole
- Joliet Sanitary Gravity Main
- Abandoned Sewer Main Sanitary
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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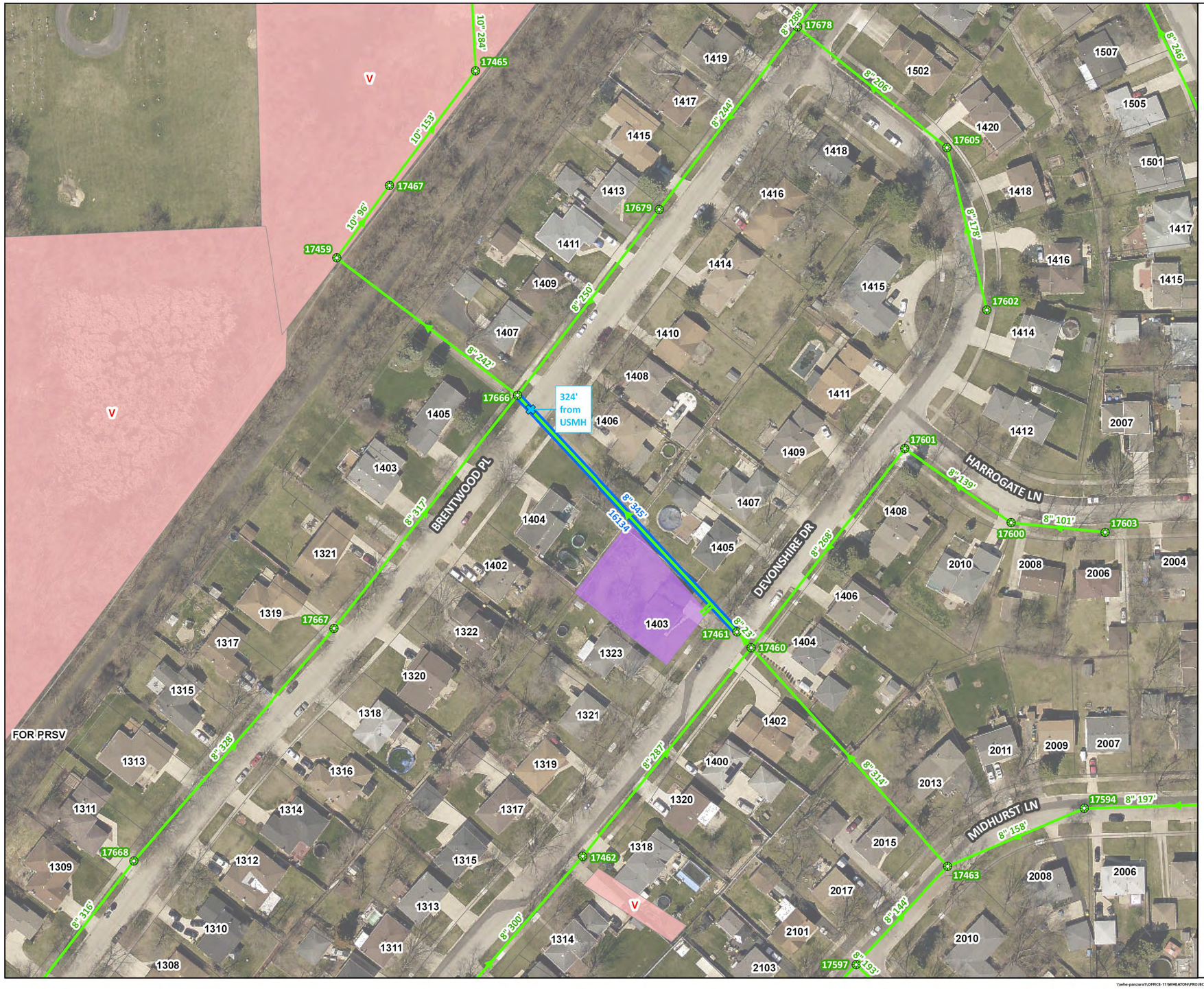
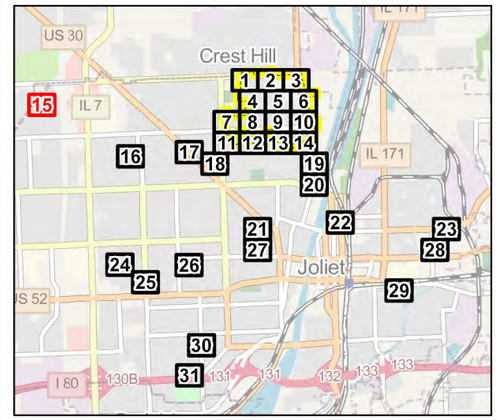
\\ehs-panzura1\OFFICE-11\WHEATON\PROJECTS\Joliet_IL\11415500 2024 Lateral & 2025 Sewer rehab DS\C\5.0 GIS\GIS_Documents\Map Documents-Exhibits\Sewer and Lateral Rehab Exhibits.aprx - Date Printed: 1/8/2025 7:23 AM

	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 14	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL / 63 / 17R
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	

\\ehs-panzura1\office-11\WHEATON\PROJECTS\Joliet_IL\11415500 2024 lateral & 2025 sewer rehab ds\c\5.0 2025 sewer rehab design\2.0 cad\Sheets\17 Sewer Rehabilitation - Area 14.dwg





- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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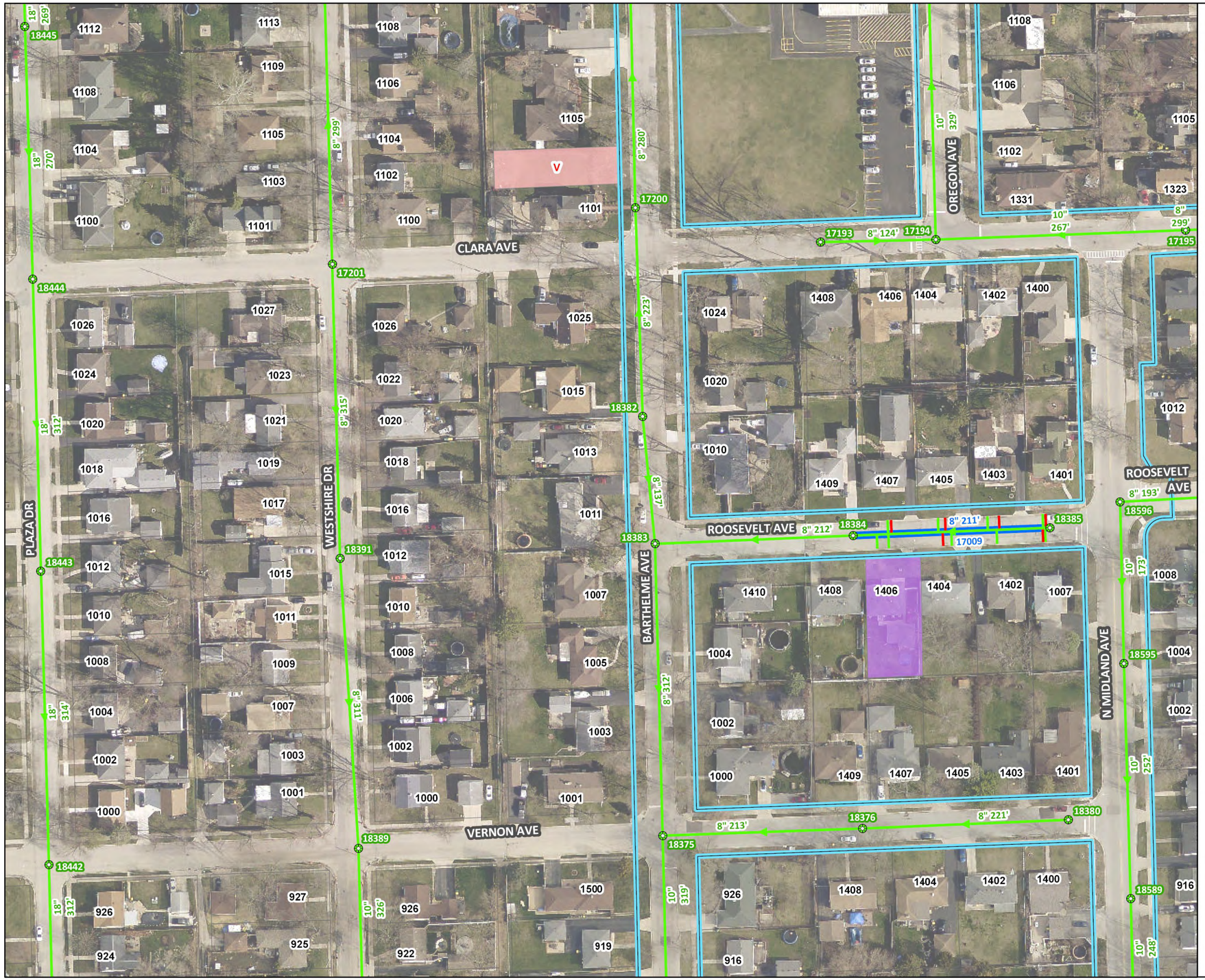
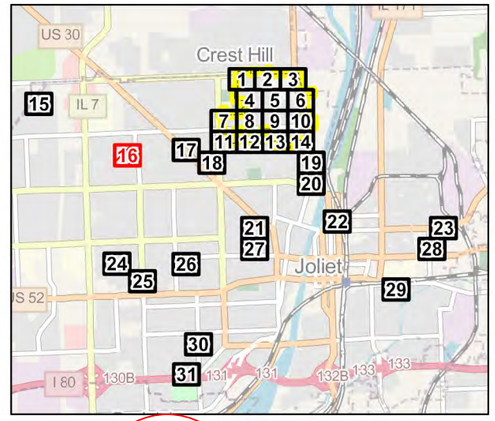
	DESIGNED: YG			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 15	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL / 63 / 18
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	





All work must be completed prior to the Notice to Proceed or after Final Completion of the Emerald Lawns Phase 1

1

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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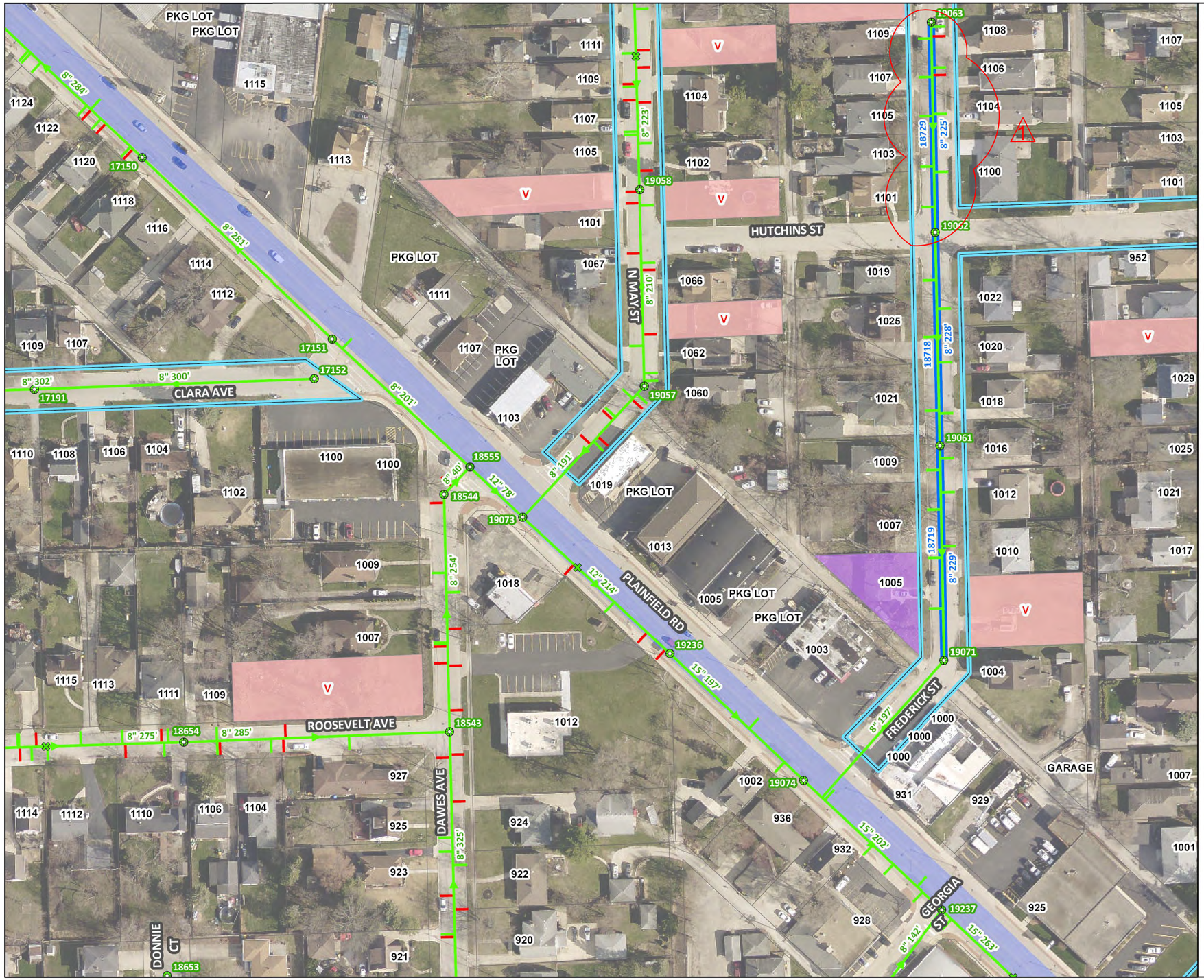
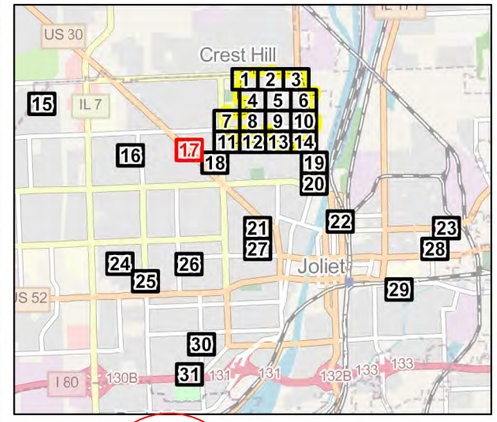
\\ehe-panzura1\office-11\WHEATON\PROJECTS\Joliet_IL\11415590 2024 lateral & 2025 sewer rehab d&c\9.0 2025 sewer rehab design\2.0 cad\Sheets\19 Sewer Rehabilitation - Area 16.dwg

	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 16	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL	63	19R
	CHECKED: AK					VERTICAL:	STA.	TO STA.	
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00			





All work must be completed prior to the Notice to Proceed or after Final Completion of the North Prairie Water Main Improvements. 1

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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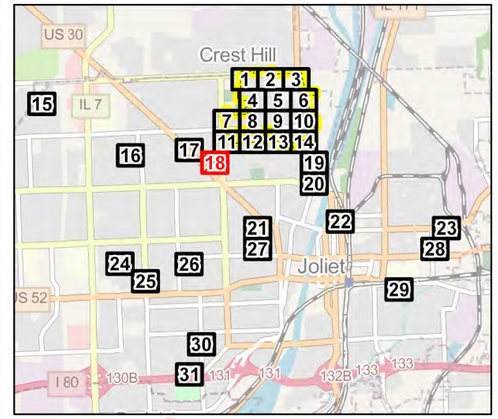
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 17	
	DRAWN: ML						
	CHECKED: AK						
1/9/2025	DATE: DECEMBER 2024						

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL:	WILL	63	20R
VERTICAL:	STA.	TO STA.	
PROJECT NO. 11-4155-00			





All work must be completed prior to the Notice to Proceed or after Final Completion of the North Prairie Water Main Improvements.

1

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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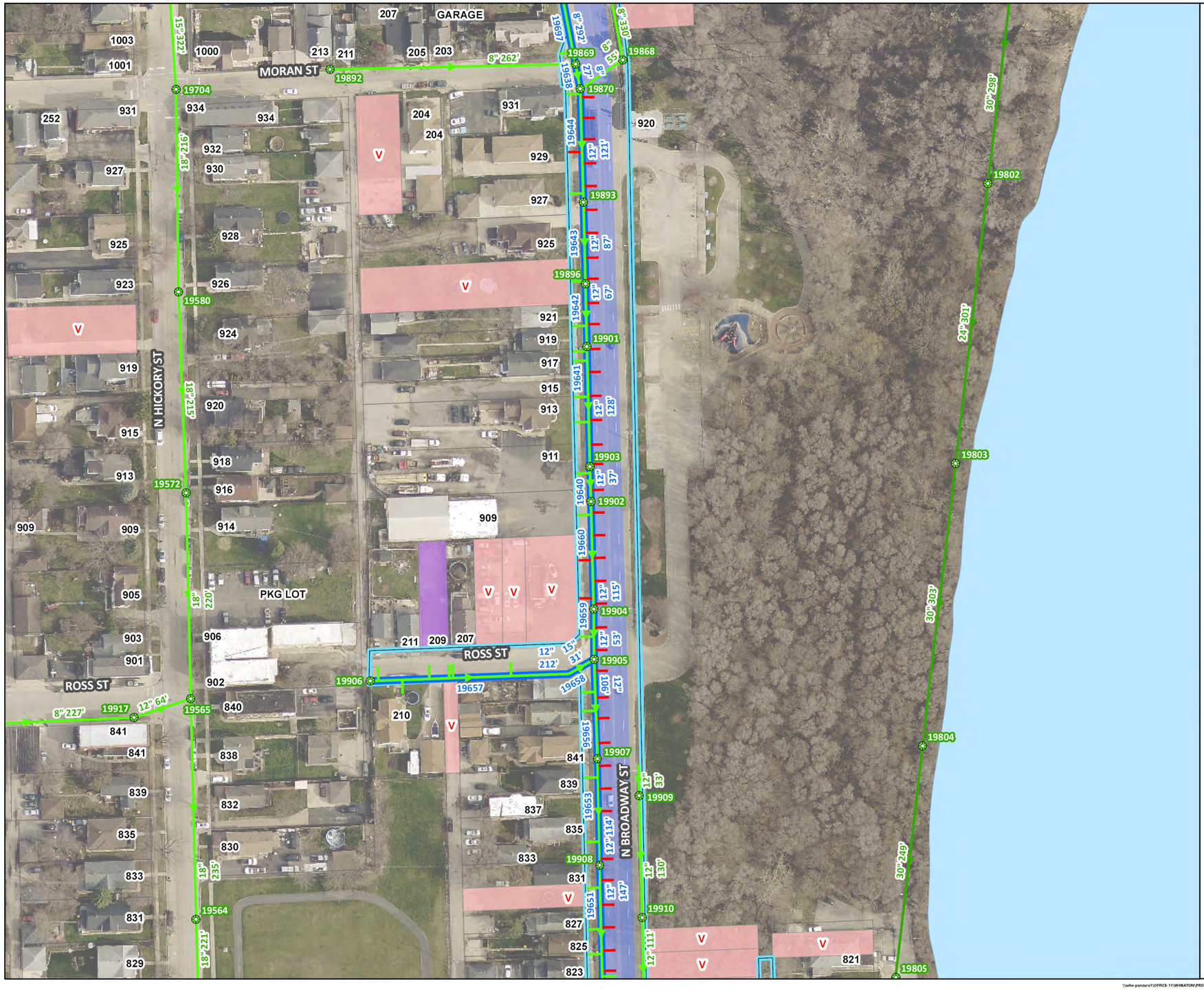
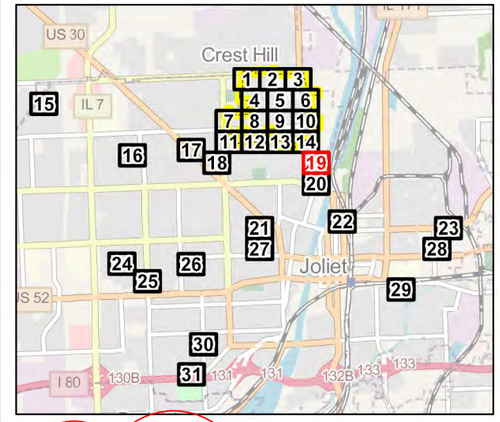
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 18	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: ML						HORIZONTAL:	WILL	63	21R
	CHECKED: AK						VERTICAL:	STA.	TO STA.	
1/9/2025	DATE: DECEMBER 2024						PROJECT NO. 11-4155-00			





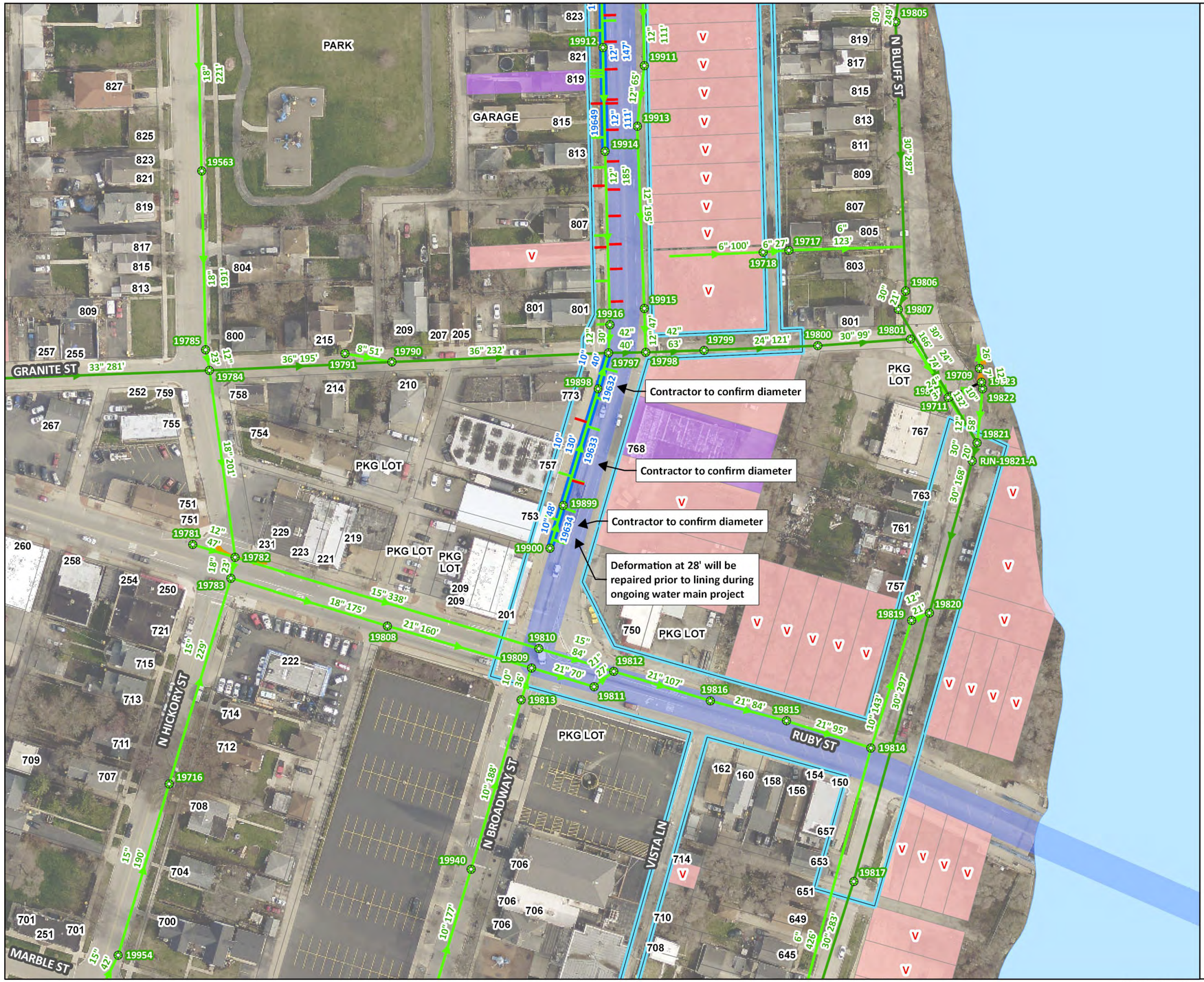
All work must be completed prior to the Notice to Proceed or after Final Completion of the Broadway (Theodore to Ruby) Water Main Improvements.

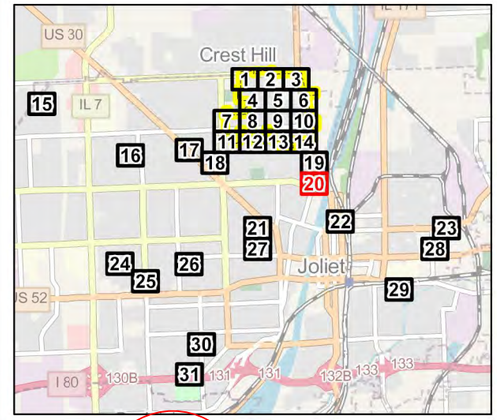
1

\\ewhe-panzura1\OFFICE-11\WHEATON\PROJECTS\Joliet_IL\11415500 2024 Lateral & 2025 Sewer rehab D&C\5.0 GIS\GIS_Documents\MapDocuments-Exhibits\Sewer and Lateral Rehab Exhibits.aprx - Date Printed: 1/8/2025 7:24 AM

	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 19	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL / 63 / 22R
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	

\\ews-panzura1\office-11\WHEATON\PROJECTS\Joliet_IL\11415500 2024 lateral & 2025 sewer rehab d&c\8.0 2025 sewer rehab design\2.0 cad\Sheets\22 Sewer Rehabilitation - Area 19.dwg





All work must be completed prior to the Notice to Proceed or after Final Completion of the Broadway (Theodore to Ruby) Water Main Improvements.

1

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Interceptor
- Joliet Overflow
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

N W E S

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Feet

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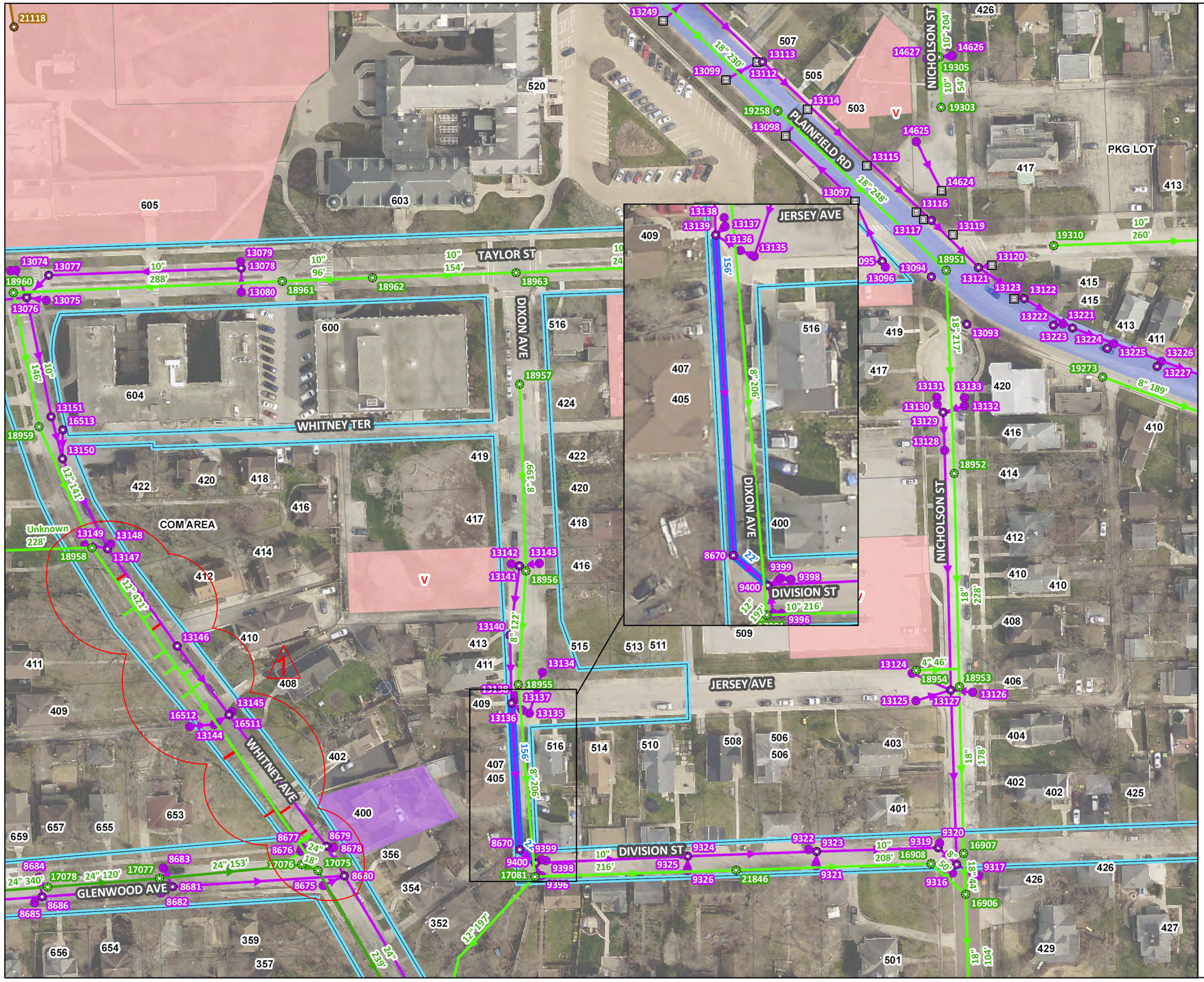
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 20	SCALES	COUNTY
	DRAWN: ML					HORIZONTAL:	WILL
	CHECKED: AK					VERTICAL:	STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	

TOTAL SHEETS	SHEET NO.
63	23R
TO STA.	



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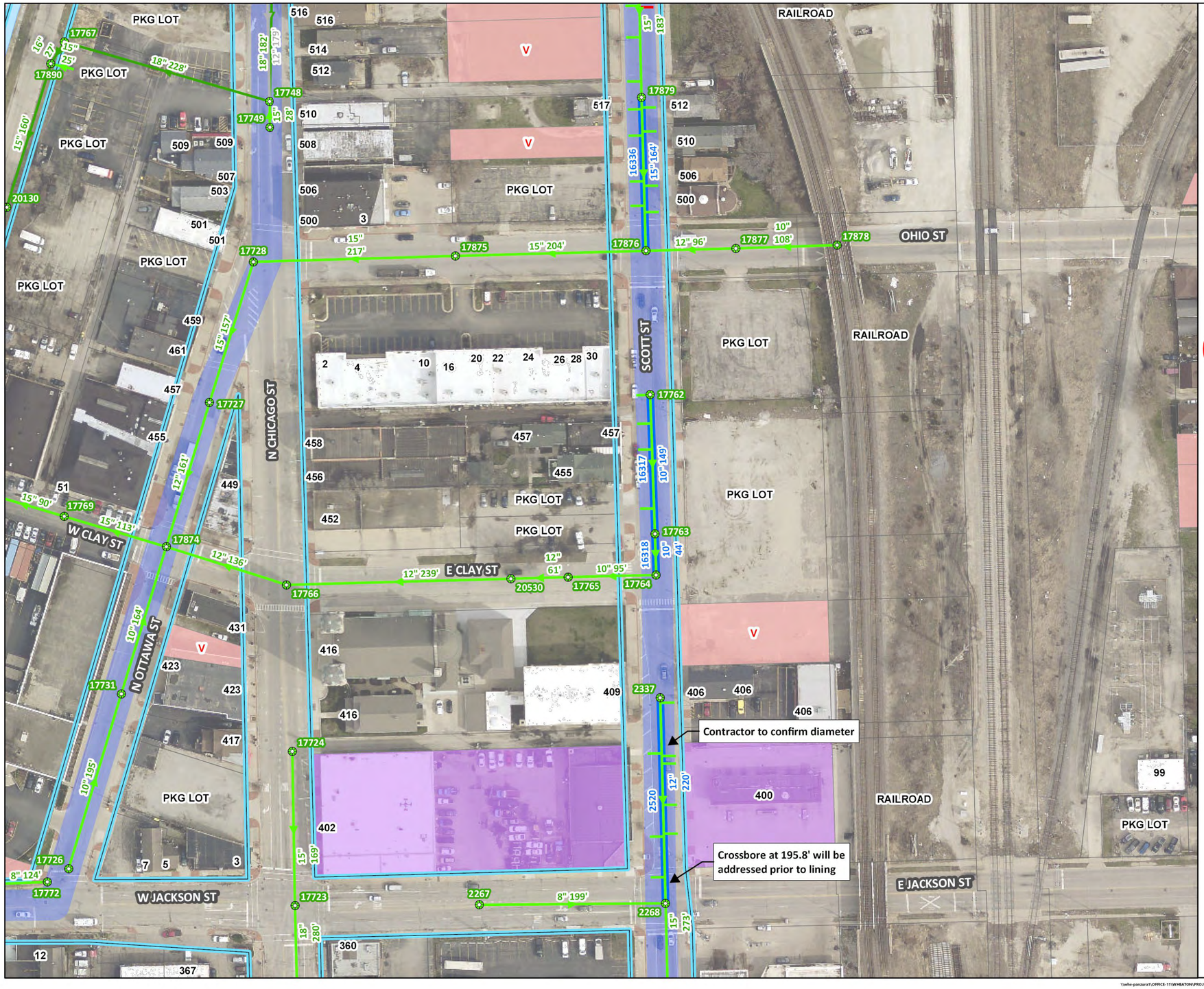
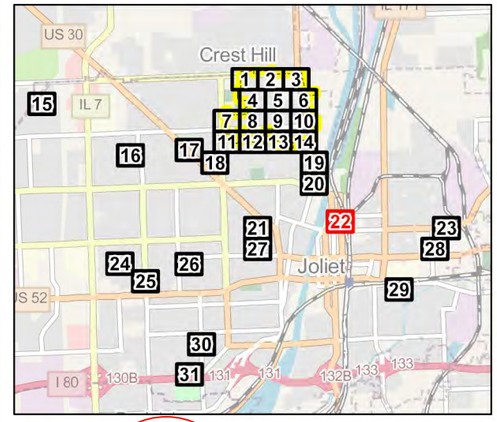
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 21	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL / 63 / 24R
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	





All work must be completed prior to the Notice to Proceed or after Final Completion of the North Downtown Water Main Improvements.

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Interceptor
- Abandoned Sewer Main Sanitary
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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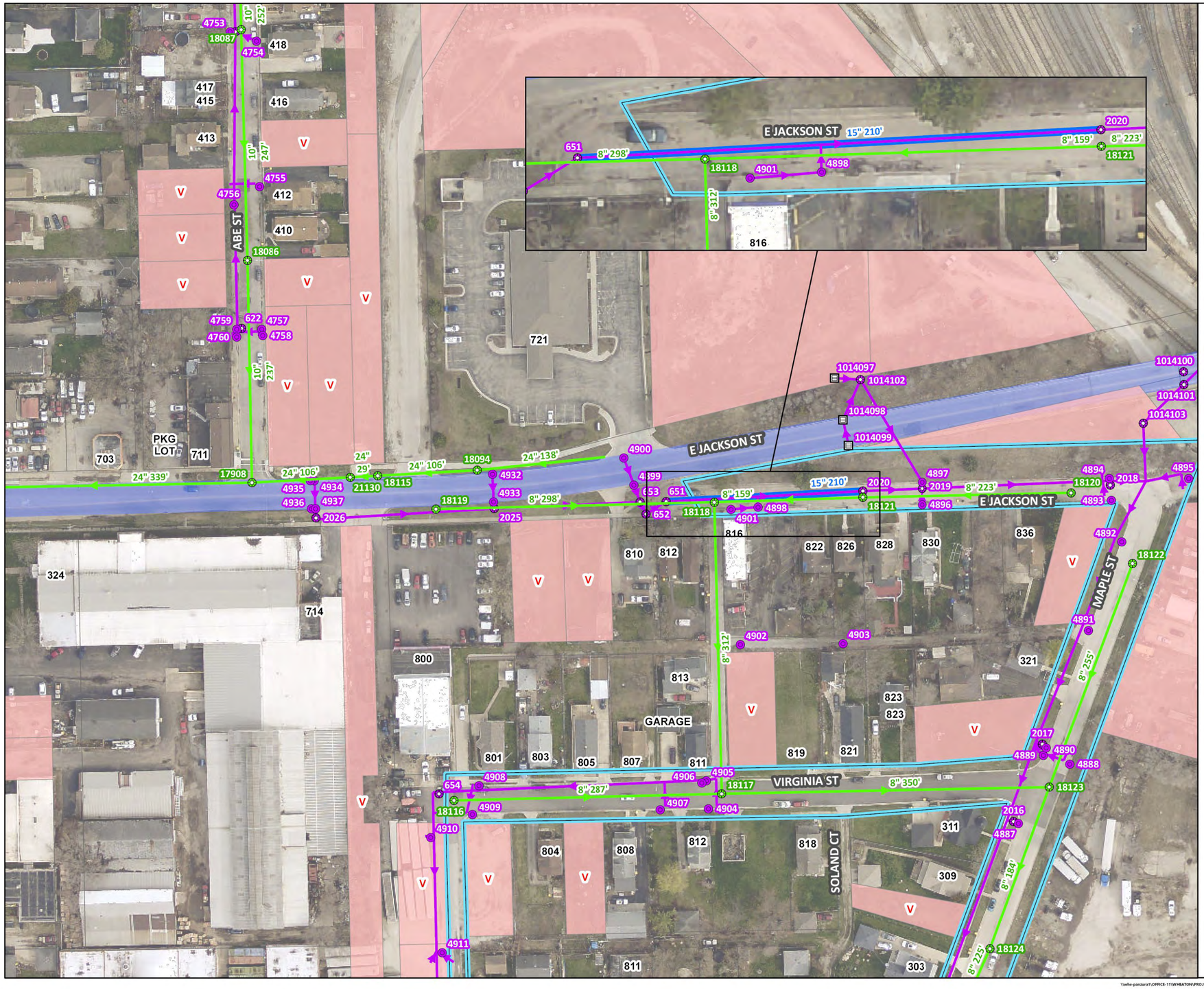
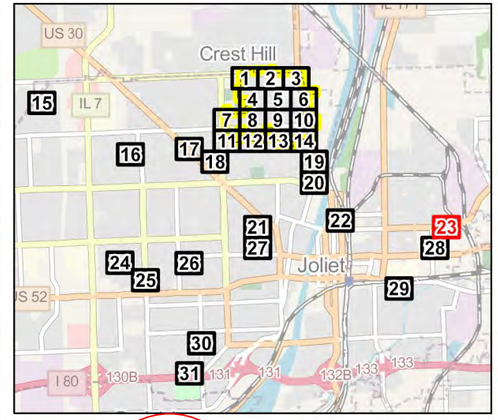
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 22	SCALES	COUNTY
	DRAWN: ML					HORIZONTAL:	WILL
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	

TOTAL SHEETS	SHEET NO.
63	25R





All work must be completed prior to the Notice to Proceed or after Final Completion of the Virginia Phase 1 Water Main Improvements.

1

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Storm Manhole
- Storm Catch Basin
- Storm Inlet
- Storm Gravity Pipes
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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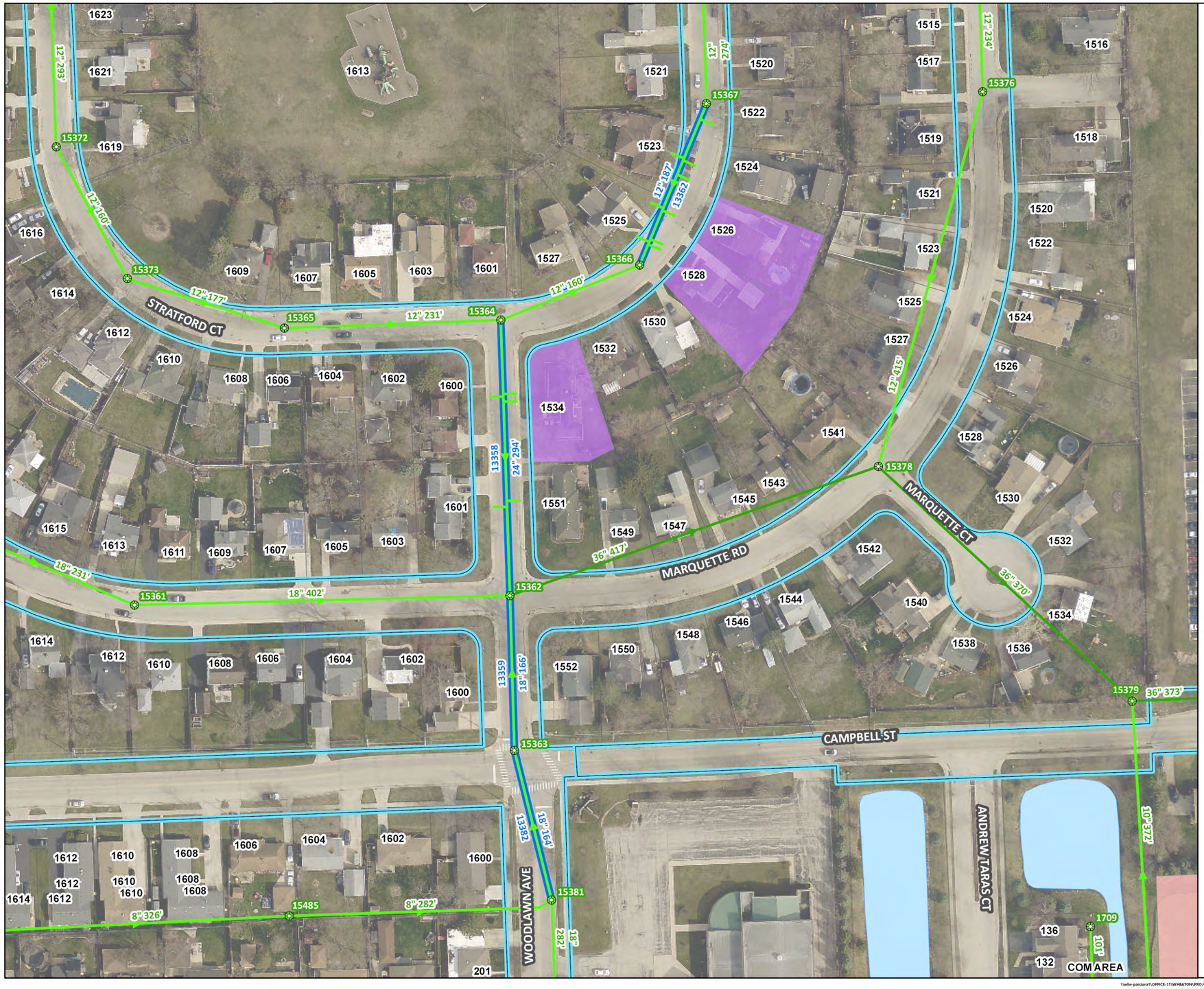
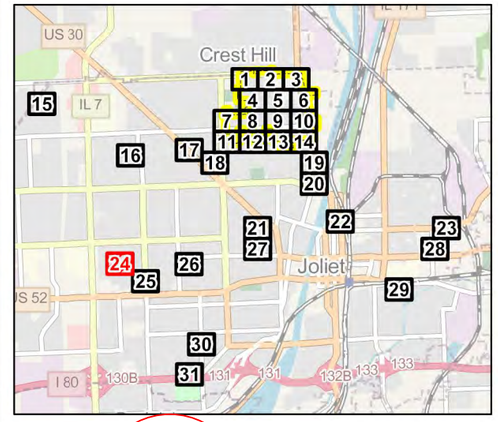
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 23	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL / 63 / 26R
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	





All work must be completed prior to the Notice to Proceed or after Final Completion of the Marquette Park Water Main Improvements. 1

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Interceptor
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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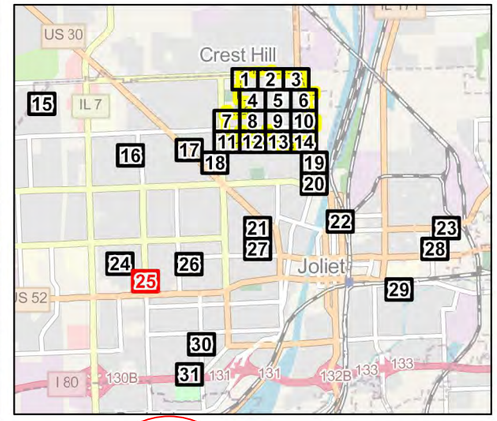
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 24	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL	63	27R
	CHECKED: AK					VERTICAL:	STA.	TO STA.	
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00			





All work must be completed prior to the Notice to Proceed or after Final Completion of the Midland and Campbell Water Main Improvements.

1

- Joliet Sanitary Manhole
- Non-Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Interceptor
- Non-Joliet Sanitary Gravity Main
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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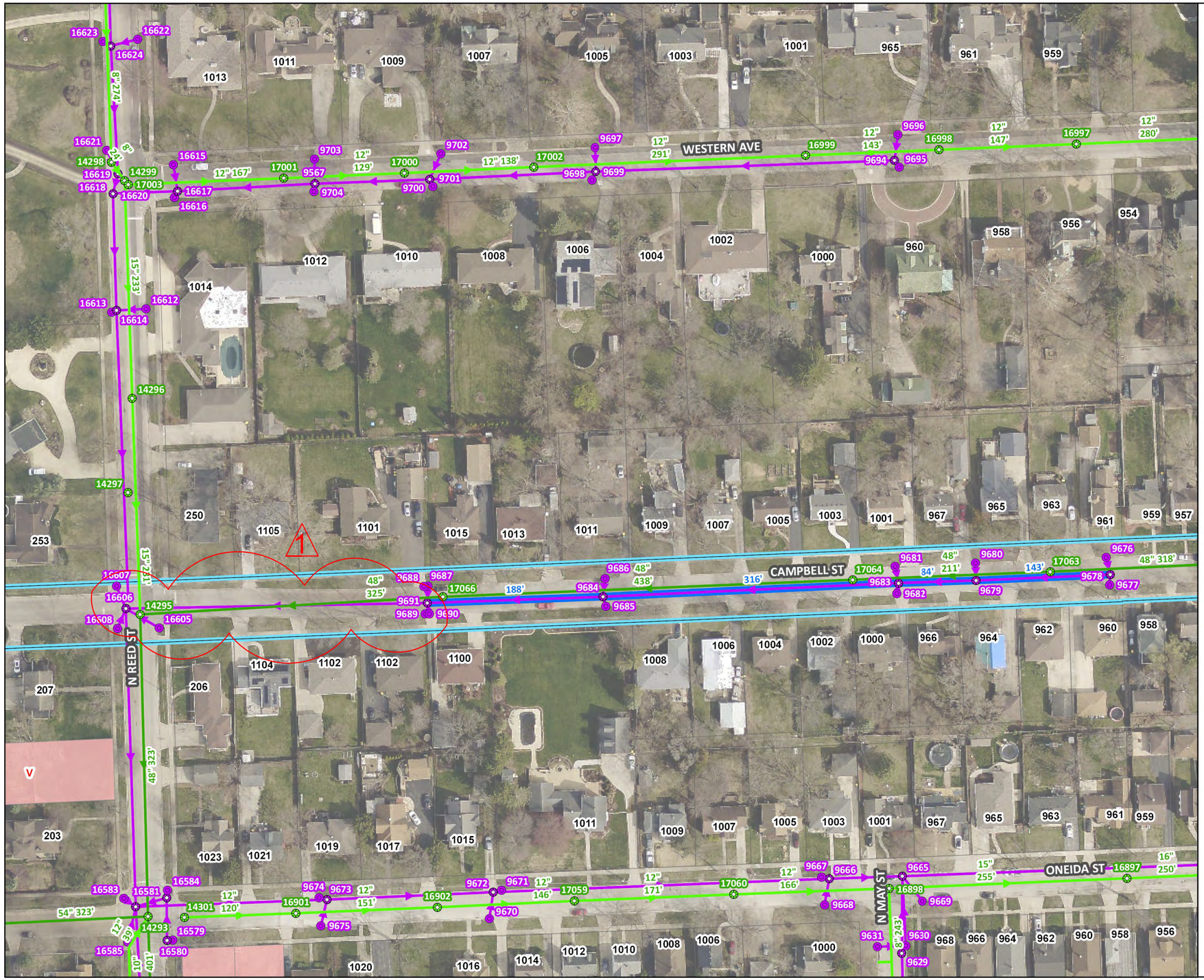
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025				SCALES	COUNTY	TOTAL SHEETS / SHEET NO.
	DRAWN: ML			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 25	HORIZONTAL:	WILL	63 / 28R
	CHECKED: AK					VERTICAL:	STA.	TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00		



All work must be completed prior to the Notice to Proceed or after Final Completion of the Midland and Campbell Water Main Improvements.

1

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Interceptor
- Storm Manhole
- Storm Inlet
- Storm Gravity Pipes
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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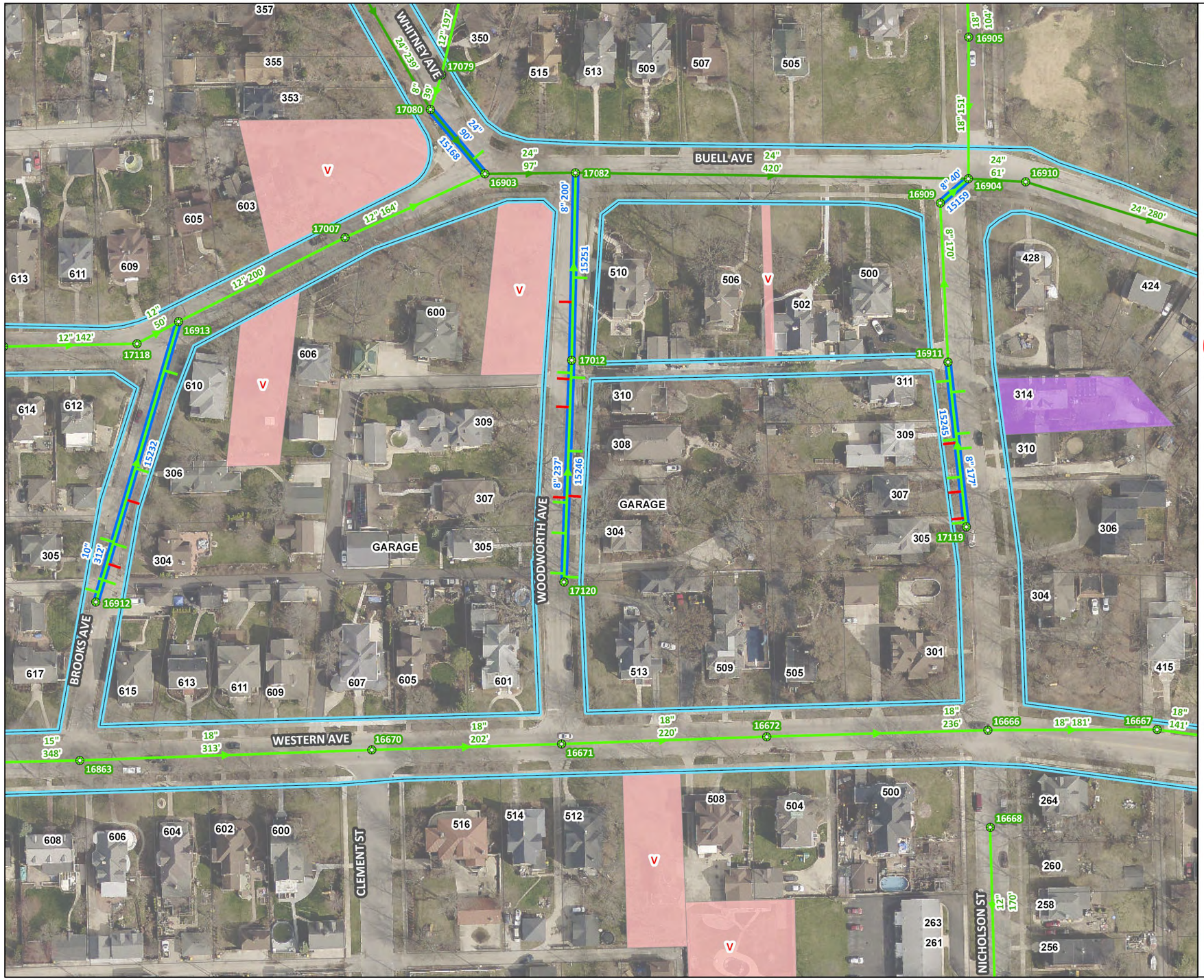
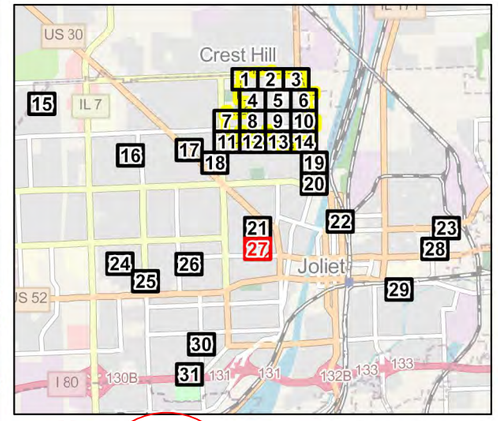
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 26	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL / 63 / 29R
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	





All work must be completed prior to the Notice to Proceed or after Final Completion of the Upper Bluff Water Main Improvements. 1

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Interceptor
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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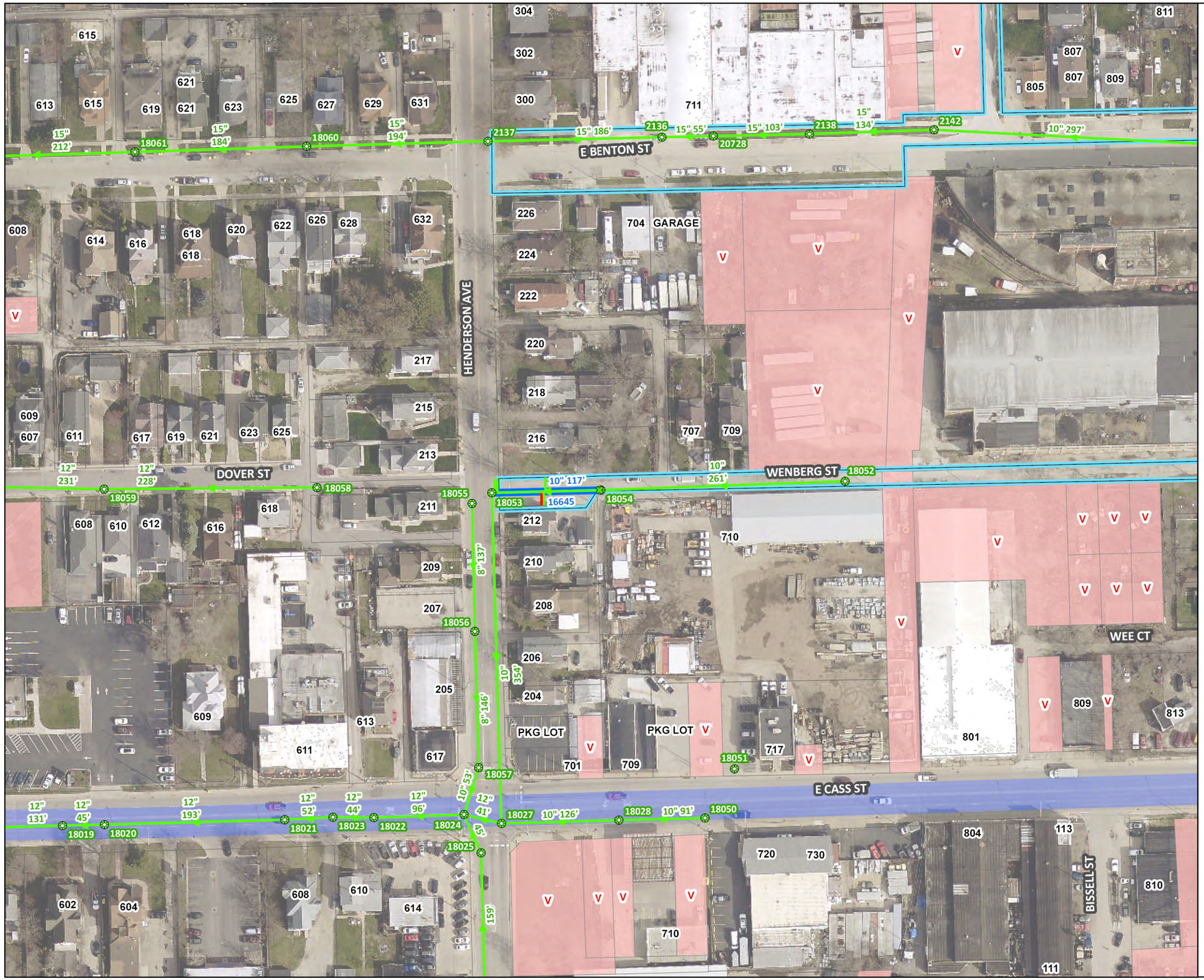
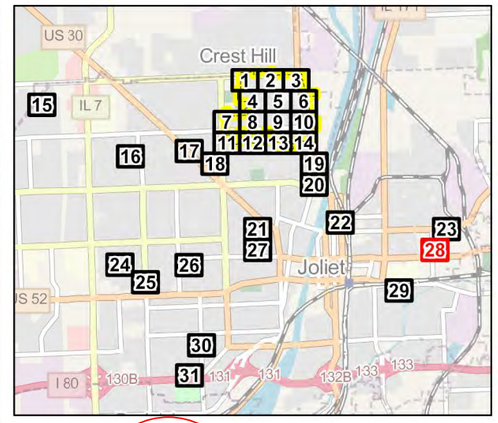
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 27	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL / 63 / 30R
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	





All work must be completed prior to the Notice to Proceed or after Final Completion of the Virginia Phase 1 Water Main Improvements. 1

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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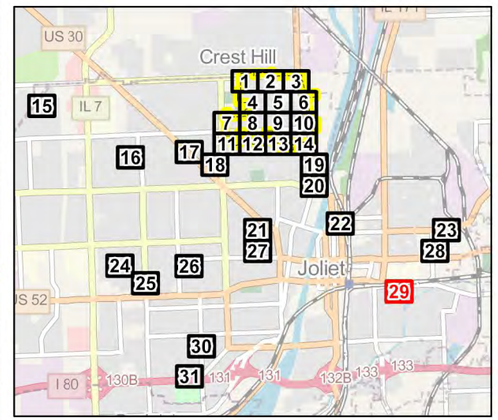
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 28	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: ML						HORIZONTAL:	WILL	63	31R
	CHECKED: AK						VERTICAL:	STA.	TO STA.	
1/9/2025	DATE: DECEMBER 2024						PROJECT NO. 11-4155-00			





All work must be completed prior to the Notice to Proceed or after Final Completion of the Hickory Creek West Water Main Improvements.

1

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Interceptor
- Abandoned Sewer Main Sanitary
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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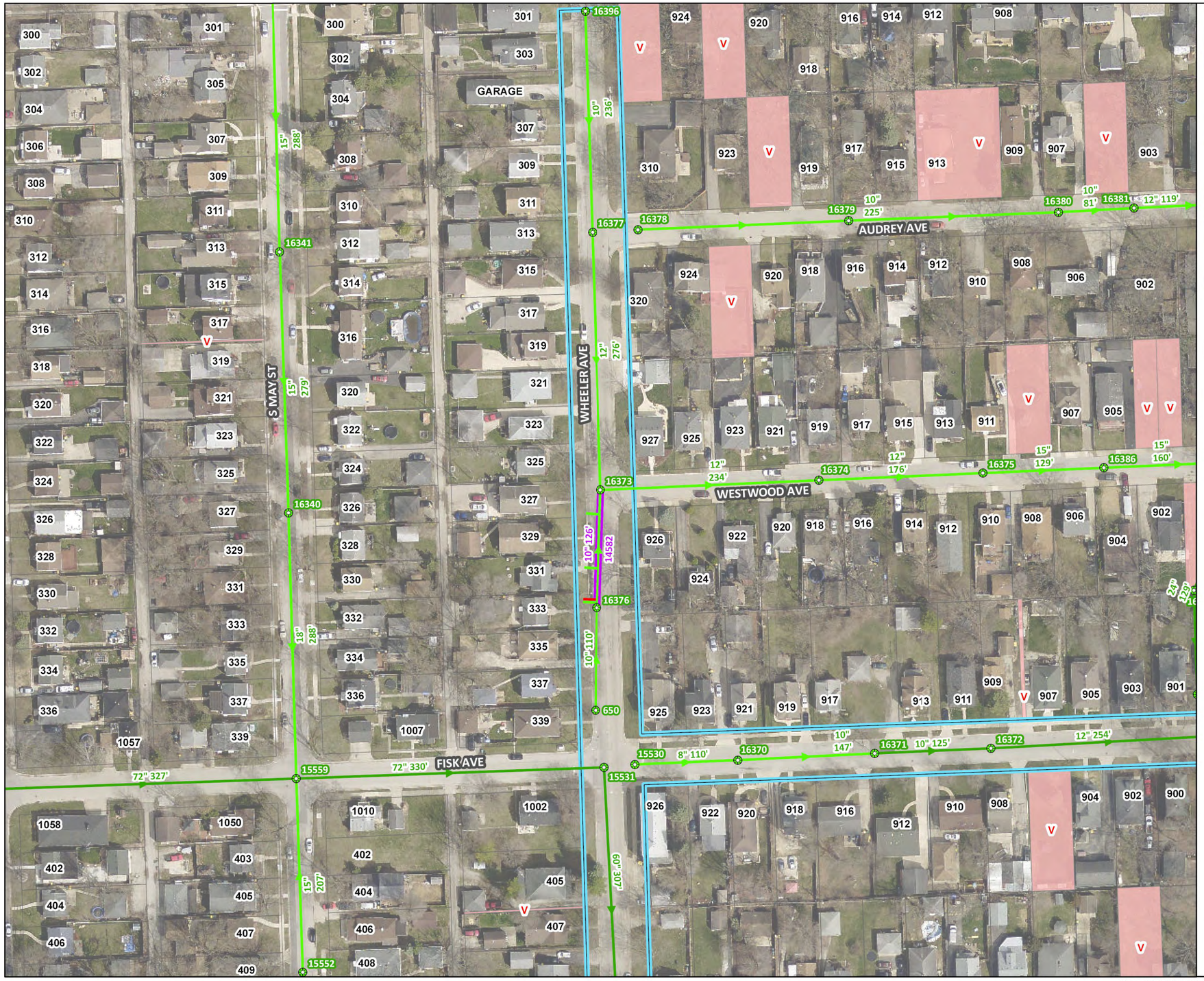
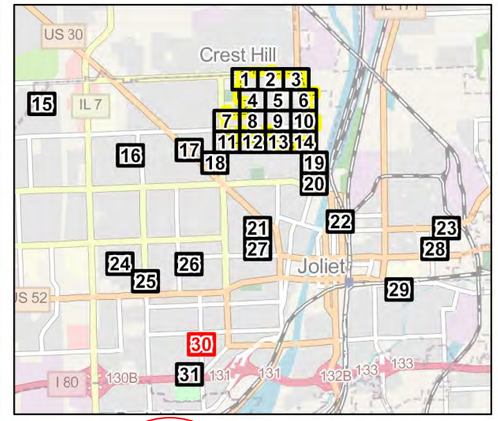
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 29	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL	63	32R
	CHECKED: AK					VERTICAL:	STA.	TO STA.	
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00			





All work must be completed prior to the Notice to Proceed or after Final Completion of the Reedwood Phase 3 Water Main Improvements.

1

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Interceptor
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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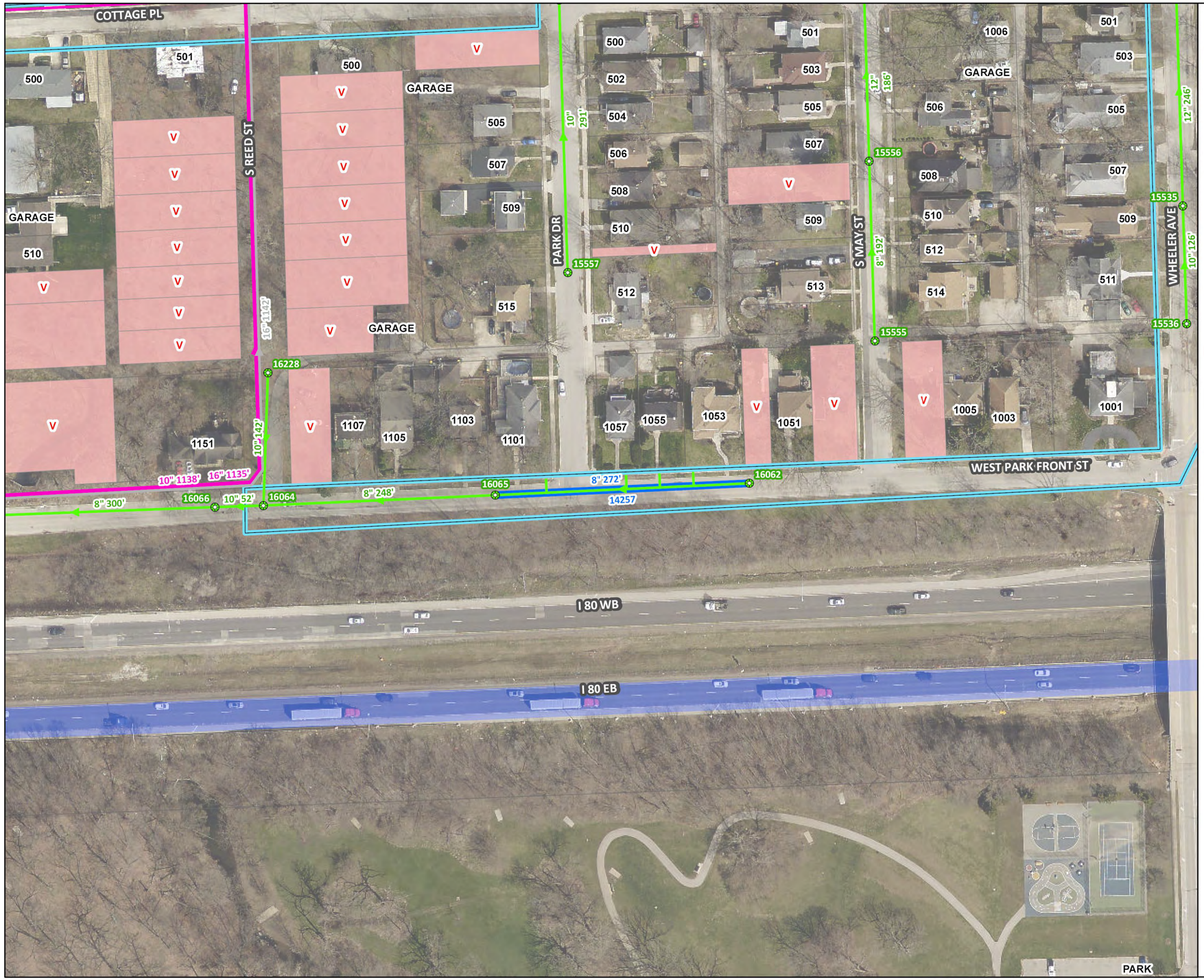
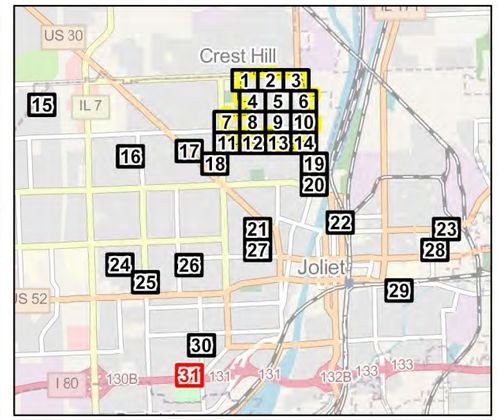
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025		GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 30	SCALES	COUNTY
	DRAWN: ML					HORIZONTAL:	WILL
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	

TOTAL SHEETS	SHEET NO.
63	33R





All work must be completed prior to the Notice to Proceed or after Final Completion of the Reedwood Phase 3 Water Main Improvements. 1

- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Joliet Sanitary Force Main
- Abandoned Sewer Main Sanitary
- Active Lateral at 6 or 12 O'Clock
- Capped Lateral at 6 or 12 O'Clock
- Active Lateral
- Capped Lateral
- Do Not Grout Lateral
- Do Not Grout Lateral - 6 or 12 O'Clock
- Mainline Grouting
- Clean, TV, & CIPP
- Clean, TV, CIPP & Service Grouting
- Parcel Identified for Dye Test
- Vacant Parcel
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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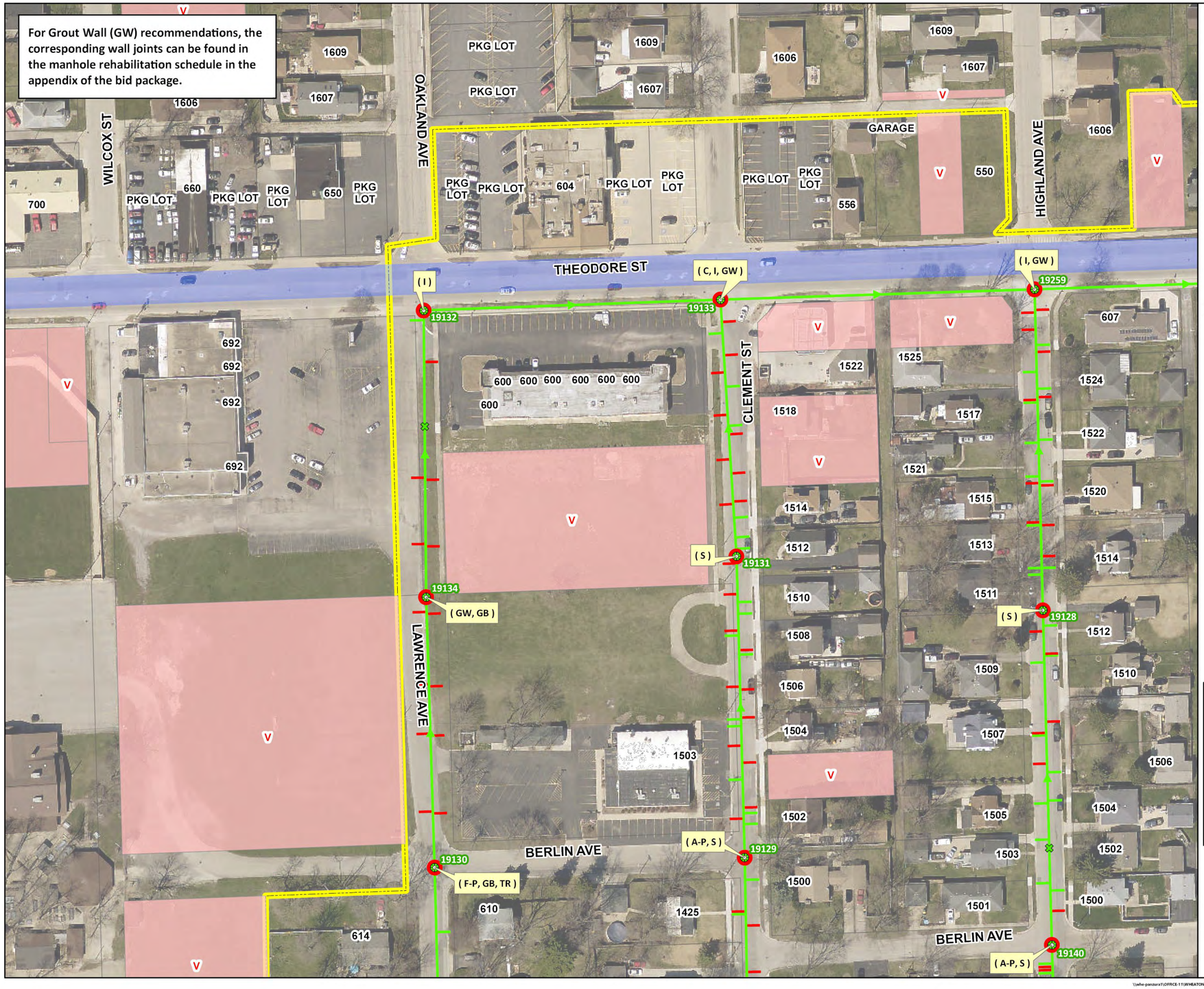
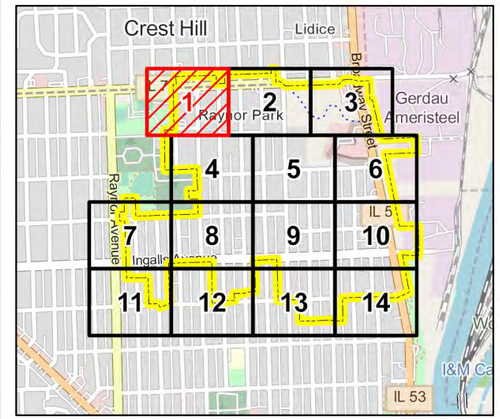
	DESIGNED: YG	⚠ ADDENDUM 1: JANUARY 2025			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	SEWER REHABILITATION – AREA 31	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: ML						HORIZONTAL:	WILL	63	34R
	CHECKED: AK						VERTICAL:	STA.	TO STA.	
1/9/2025	DATE: DECEMBER 2024						PROJECT NO. 11-4155-00			

For Grout Wall (GW) recommendations, the corresponding wall joints can be found in the manhole rehabilitation schedule in the appendix of the bid package.





2025 Manhole Rehabilitation: Part A - Garnsey Park

Manhole Rehabilitation Codes

C - Replace Cover
F-P - Replace Frame & Cover (Paved)
F-NP - Replace Frame & Cover (Non-Paved)
A-P - Seal & Adjust Frame (Paved)
A-NP - Seal & Adjust Frame (Non-Paved)
I - Internal Chimney Seal
S - Cementitious Manhole Sealing
GW - Grout Wall Joints
GB - Curtain Grout Bottom 18"
TR - Repair Bench & Trough
T - Replace Bench & Trough
E - Epoxy Coating
IB-NP - Add Barrel Section (Non-Paved)
AM - Abandon Manhole
IM - Install New Manhole
O - Other Recommendation

- Structure to Rehabilitate
- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Vacant Parcel
- Active Lateral at 12 O'Clock
- Capped Lateral at 12 O'Clock
- Active Lateral
- Capped Lateral
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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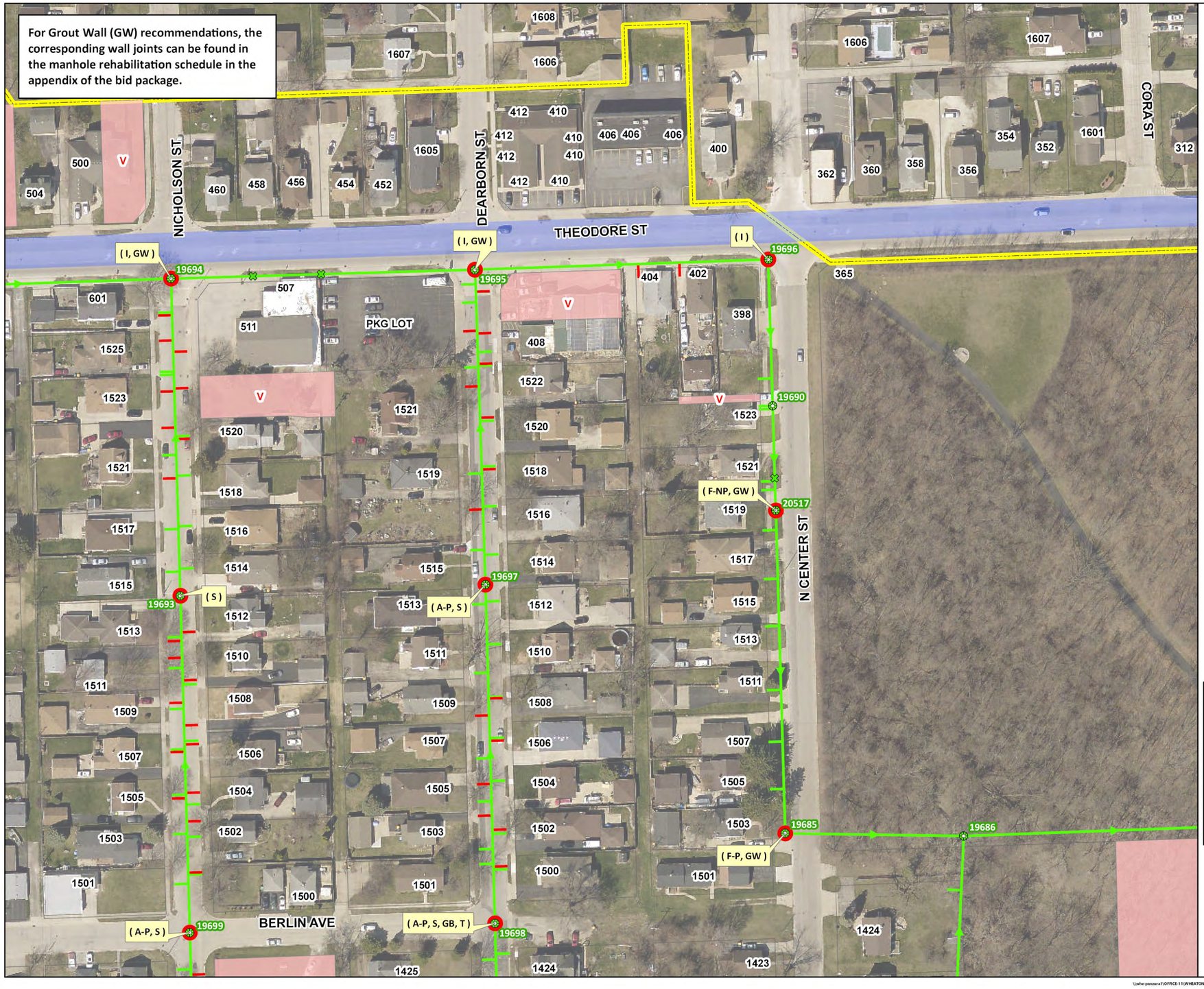
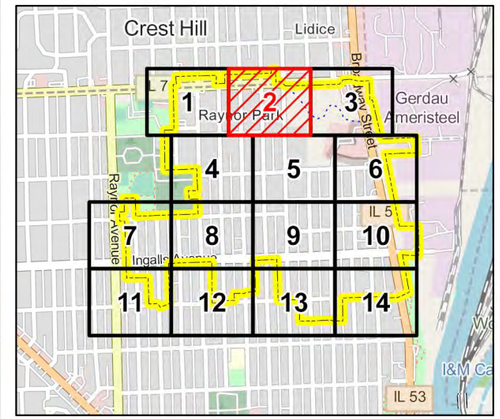
	DESIGNED: YG			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	MANHOLE REHABILITATION – M1	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL / 63 / 35
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	

For Grout Wall (GW) recommendations, the corresponding wall joints can be found in the manhole rehabilitation schedule in the appendix of the bid package.





2025 Manhole Rehabilitation: Part A - Garnsey Park

Manhole Rehabilitation Codes

C - Replace Cover
F-P - Replace Frame & Cover (Paved)
F-NP - Replace Frame & Cover (Non-Paved)
A-P - Seal & Adjust Frame (Paved)
A-NP - Seal & Adjust Frame (Non-Paved)
I - Internal Chimney Seal
S - Cementitious Manhole Sealing
GW - Grout Wall Joints
GB - Curtain Grout Bottom 18"
TR - Repair Bench & Trough
T - Replace Bench & Trough
E - Epoxy Coating
IB-NP - Add Barrel Section (Non-Paved)
AM - Abandon Manhole
IM - Install New Manhole
O - Other Recommendation

- Structure to Rehabilitate
- Joliet Sanitary Manhole
- Joliet Sanitary Gravity Main
- Vacant Parcel
- Active Lateral at 12 O'Clock
- Capped Lateral at 12 O'Clock
- Active Lateral
- Capped Lateral
- Hydrography
- IDOT Road
- 2025 Water Main Project Areas
- Garnsey Park

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	DESIGNED: YG			GARNSEY PARK SANITARY SEWER REHABILITATION PROGRAM	MANHOLE REHABILITATION – M2	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: ML					HORIZONTAL:	WILL / 63 / 36
	CHECKED: AK					VERTICAL:	STA. TO STA.
1/9/2025	DATE: DECEMBER 2024					PROJECT NO. 11-4155-00	