

**CITY OF AURORA, ILLINOIS
SERVICES AGREEMENT**

THIS AGREEMENT, is entered on the Effective Date between the City of Aurora, Illinois (“City”) an Illinois home rule municipal corporation, with its office of City Clerk located at 44 E Downer Place, Aurora, Illinois and the Contractor, for the Services herein described. The terms “Effective Date,” “Contractor,” and “Services” shall be defined as set forth in Exhibit A.

1. Scope of Services. The Contractor shall perform the Services set forth in Exhibit A and any attachments thereto.

2. Term. The term of this Agreement shall be as set forth in Exhibit A. If provided in Exhibit A, the Agreement shall renew without further action by the Parties as set forth in therein, provided that the City Council of the City has budgeted funds for the services contemplated by this Agreement.

3. Standard of Performance. Contractor shall perform all Services set forth in this Agreement, and any other agreed documents incorporated herein, with the degree, skill, care and diligence customarily required of a professional performing services of comparable scope, purpose and magnitude and in conformance with the applicable professional standards. Contractor shall, at all times, use its best efforts to assure timely and satisfactory rendering and completion of the Services. Contractor shall ensure that Contractor and all of its employees or subcontractors performing Services under this Agreement shall be: (i) qualified and competent in the applicable discipline or industry; (ii) appropriate licensed as required by law; (iii) strictly comply with applicable federal, state, and local laws, regulations or ordinances; and (iv) strictly conform to the terms of this Agreement. Contractor shall, at all times until the completion of the Services, remain solely responsible for the professional and technical accuracy of all Services and deliverables furnished, whether such services are rendered by the Contractor or others on its behalf, including, without limitation, its subcontractors. No review, approval, acceptance, nor payment for any and all of the Services by the City shall relieve the Contractor from the responsibilities set forth herein.

5. Payment. Contractor shall invoice the City for its Services rendered in the amount and with the frequency set forth in Exhibit A. Upon receipt, the City shall review and process such invoices for payment in accordance with the procedures and the time limitations provided by the Local Government Prompt Payment Act. Approved but unpaid amounts shall accrue interest and penalties in the amount and to the extent authorized the Act.

6. Termination.

Termination for Convenience. The City has the right to terminate this Agreement, in whole or in part, for any reason or if sufficient funds have not been appropriated to cover the estimated requirement of the Services not yet performed, by providing Contractor with thirty (30) days notice specifying the termination date. On the date specified, this Agreement will end. If this Agreement is terminated by the City, as provided herein, the City shall pay the Contractor only for services performed up the date of termination. After the termination date, Contractor has

no further contractual claim against the City based upon this Agreement and any payment so made to the Contractor upon termination shall be in full satisfaction for Services rendered. Contractor shall deliver to the City all finished and unfinished documents, studies and reports and shall become the property of the City.

7. Indemnification and Insurance

- (a) **Insurance.** The Contractor shall provide to the City evidence that it has obtained and maintains the insurance coverages set forth in Exhibit B. In all cases, the Contractor shall provide the City with a certificate naming the City as an additional insured party and shall not cancel such insurance without prior notice to the City.
- (b) **Indemnification.** Contractor shall indemnify, defend, and hold harmless the City, its elected officials, officers, and employees from and against all claims, losses, damages, costs and expenses, including without limitation, reasonable attorney's fees arising from or out of Contractor's performance of its obligations under this Agreement, including specifically those brought by third parties.
- (c) **Non-Wavier.** Neither by the insurance or indemnifications requirements of this Agreement does the City waive any privilege, defense, or immunity, which may be available to it, its elected officials, officers, or employees by law, including, but not limited to those set forth in the Local Governmental and Governmental Employees Tort Immunity Act.

8. Miscellaneous Provisions.

a. Illinois Freedom of Information Act. The Contractor acknowledges the requirements of the Illinois Freedom of Information Act (FOIA) and agrees to comply with all requests made by the City of Aurora for public records (as that term is defined by Section 2(c) of FOIA in the undersigned's possession and to provide the requested public records to the City of Aurora within two (2) business days of the request being made by the City of Aurora. The undersigned agrees to indemnify and hold harmless the City of Aurora from all claims, costs, penalty, losses and injuries (including but not limited to, attorney's fees, other professional fees, court costs and/or arbitration or other dispute resolution costs) arising out of or relating to its failure to provide the public records to the City of Aurora under this agreement.

b. Entire Agreement. This Agreement, along with the documents set forth in Section 1 and incorporated by reference elsewhere in this Agreement, with consent of the parties, represents the entire agreement between the parties with respect to the performance of the Services. No other contracts, representations, warranties or statements, written or verbal, are binding on the parties. This Agreement may only be amended as provided herein.

c. Consents and Approvals. The Parties represent and warrant to each other that each has obtained all the requisite consents and approvals, whether required by internal operating procedures or otherwise, for entering into this Agreement and the undertakings contemplated herein.

d. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be an original, but all of which shall constitute one and the same instrument.

e. Jurisdiction and Venue. The Parties agree that in the event of litigation arising from this Agreement, the exclusive venue for the adjudication of such disputes shall be the Circuit Court of the Sixteenth Judicial Circuit, Kane County and that the Illinois law shall apply to such disputes without regard to its choice of law principles.

f. Construction of Contract Provisions. The Parties acknowledge that this Agreement and all the terms and conditions contained herein have been fully reviewed and negotiated by the Parties. Having acknowledged the foregoing, the Parties agree that any principle of construction or rule of law that provides that, in the event of any inconsistency or ambiguity, an agreement shall be construed against the drafter of the agreement shall have no application to the terms and conditions of this Agreement.

Date: _____

FOR: CITY OF AURORA, ILLINOIS

By: _____

Jolene Coulter

Director of Purchasing

FOR: CONTRACTOR

Signed by: John Manijak

DF84E8149577401...
Print: John Manijak

Title: Business Development

**EXHIBIT A
CITY OF AURORA, ILLINOIS
SERVICES AGREEMENT**

Contractor Information (“Contractor”)	
Legal Name:	Hoerr Construction Inc
Type of Entity:	<input checked="" type="checkbox"/> Illinois Business Corporation <input type="checkbox"/> Illinois Not-For Profit Corporation <input type="checkbox"/> Illinois Limited Liability Company or Limited Partnership <input type="checkbox"/> Partnership or Solo Proprietorship <input type="checkbox"/> Other. Organized under the laws of the State of _____, and authorized to do business in Illinois.
Address:	1416 Country Road 200 N PO BOX 65 Goodfield, IL 61742
Email	jmanijak@hoerr.com
Phone	309-691-6653

Contract Term Information	
Effective Date:	Upon City Council Approval
Term:	Upon Final Completion August 31, 2026
Renewal Period:	No Renewals are Authorized

Payment Terms	
<input type="checkbox"/> Daily	The City shall compensate the Contractor on an hourly daily basis at the rate of \$100.00 per hour.
<input type="checkbox"/> Monthly	The City shall compensate the Contractor on a monthly basis at the rate of \$_____ per calendar month.
<input type="checkbox"/> Total	The total compensation of the Contractor under this Agreement shall be \$_____.
<input checked="" type="checkbox"/> Other	Billed monthly as work progresses. Maximum contract amount \$455,635.00

Expenses	
<input checked="" type="checkbox"/> Authorized	The City shall reimburse the Contractor for its ordinary and customary expenses incurred in the performance of the Services under this Agreement.
<input type="checkbox"/> Not Authorized	The Contractor is responsible for its ordinary and customary expenses incurred in the performance of the Services under this Agreement.

EXHIBIT B

INSURANCE REQUIREMENTS

The Contractor, at its own expense, shall secure and maintain in effect throughout the duration of this contract, insurance of the following kinds and limits to cover all locations of the Contractor's operations.

The Contractor shall furnish Certificates of Insurance to the City before starting or within ten (10) days after the execution of the contract, whichever date is reached first. All insurance policies shall be written with insurance companies approved by the City and licensed to do business in the State of Illinois and having a rating of not less than A IX, according to the latest edition of the A.M. Best Company; and shall include a provision preventing cancellation of the insurance policy unless thirty (30) days prior written notice is given to the City.

This provision shall also be stated on each Certificate of Insurance as: "Should any of the above described policies be canceled before the expiration date thereof, the issuing company will endeavor to mail ten (10) days written notice to the certificate holder named to the left."

If requested, the awardee of this proposal will give the City a copy of the insurance policies. The policies must be delivered to the City within two weeks of the request.

The limits of liability for the insurance required shall provide coverage for not less than the following amount, or greater where required by law:

- (1) Worker's Compensation Insurance - Statutory amount.
- (2) General Liability Insurance:
 - (a) \$1,000,000 per occurrence and \$2,000,000 general aggregate
 - (b) \$500,000 per occurrence for Property Damage
 - (c) \$1,000,000 per occurrence for Personal Injury
- (3) Auto Liability Insurance:
 - (a) Bodily injury with limits not less than \$1,000,000
 - (b) Property damage with limits not less than \$500,000
- (4) Umbrella excess liability of \$1,000,000 per occurrence, \$2,000,000 aggregate

The Contractor shall include the City as a primary, non-contributory additional named insured on both General and Auto Liability Insurance policies and indicate said status on any Certificates of Insurance provided to the City pursuant to this project. The Contractor shall pay all insurance premiums without cost to the City.



**Please upload COI
and reference the
project name**



Hoerr Construction, Inc.
1416 County Road 200 N
P.O. Box 65
Goodfield, IL 61742

Office: (309) 691-6653
Fax: (309) 508-7990

PROJECT PROPOSAL & CONTRACT - OMNIA

Description of Work: Lt. Cleaning / CCTV Sewer lines.

Project Address: Various – City of Aurora, IL

Omnia Contract: 23-065-PW(3).

Quote #: 260115-1 rev2.0

1/23/2026

City of Aurora

44 E Downer Place

Aurora, IL 60507

Attn: Cassandra Karsten

Ph: 630.256.3550

Email: karstenc@aurora.il.us

HOERR CONSTRUCTION, INC. to Provide:

- Lt. cleaning and televising of sanitary and storm sewers.
 - Combination vacuum-jetter truck w/ technician for Lt. cleaning of sewers.
 - Includes standard jetting nozzles & spinning jet heads.
 - Vacuum removal of debris jetted from pipe.
 - CCTV inspection van with technician for televising of sewers.
 - Color pan & tilt camera on track or wheeled transporter.
 - Digital video record of inspections & printed reports.
- Locating and televising lateral pipes.
 - CCTV inspection van with technician for televising of sewers.
 - Cues Lamp lateral inspection camera.
 - Digital video record of inspections & printed reports.
 - Marking / Documentation of lateral location above ground.
 - Option for GIS location / shape file deliverables.
- Cutting of protruding taps.
- Heavy cleaning of sewers.
- Hydro-excavation of water service B-boxes.
- Certificate of insurance, if requested
- Traffic control includes flashing lights and cones that are carried on the trucks.
- Prices quoted are good for 30 days

City of Aurora to Provide:

- Water for pipe cleaning operations.
- Dump site for debris removed from pipe.



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- Access to pipes being cleaned and inspected to include but not limited to
 - Locating and opening all manholes associated with project prior to crew mobilizing to the site
- *If Required - Notices to residents or property owners in the cleaning area to be passed at least one day prior to cleaning.
 - Notices need to state the nature of the work and protective measures that the home and business owners should take to protect their property from potential damage due to sewer jetting. A sample can be faxed or emailed.
- Any necessary bonds, permits, fees, licenses, association dues, special insurance coverage, surface restoration, erosion control, deflection testing, air testing, or staking

Project Pricing:

• Mobilization – 2 EA @ \$4,900.00	\$ 4,900.00
• Sanitary Sewer Televising Small (8"-18") – 75,000 LF @ \$2.60/LF	\$195,000.00
• Sanitary Sewer Televising Medium (20"-30") – 6,500 LF @ \$2.80/LF	\$ 18,200.00
• Sanitary Sewer Televising Large (33"+) – 11,250 LF @ \$3.30/LF	\$ 37,125.00
• Storm Sewer Televising Small (8"-18") – 2,550 LF @ \$4.00/LF	\$ 10,200.00
• Storm Sewer Televising Medium (20"-30") – 1000 LF @ \$5.00/LF	\$ 5,000.00
• Storm Sewer Televising Large (33"+) – 910 LF @ \$6.00/LF	\$ 5,460.00
• Televis Lateral – 6000 LF @ \$9.00/LF	\$ 54,000.00
• Cut Protruding Taps – 100 EA @ \$440.00 EA	\$ 44,000.00
• Heavy Sewer Cleaning – 50 HRS @ \$610.00/HR	\$ 30,500.00
• Hydro Excavate Water Services B-Box – 50 EA @ \$525 EA	\$ 26,250.00
• Items Ordered by Engineer – 1 EA @ \$25,000.00 EA	\$ 25,000.00
Total Project Pricing	\$460,535.00

Optional Pricing:

- Additional Laborer for Easement – 8 HRS @ \$240.00/HR
- Additional Laborer for Lateral Location (Sonde/GIS) – 1 HR @ \$150.00/HR

OMNIA Item Conversion:

STANDARD ITEM DESCRIPTION	OMNIA #	OMNIA DESCRIPTION		
Mobilization	507	Travel and Mobilization	EA	\$ 4,900.00
Sanitary Sewer Televising Small (8"-18")	57	8" Clean and TV	LF	\$ 2.60
Sanitary Sewer Televising Medium (20"-30")	62	21" Clean and TV	LF	\$ 2.80
Sanitary Sewer Televising Large (33"+)	66	33" Clean and TV	LF	\$ 3.30
Storm Sewer Televising Small (8"-18")	57	8" Clean and TV	LF	\$ 4.00
Storm Sewer Televising Medium (20"-30")	62	21" Clean and TV	LF	\$ 5.00
Storm Sewer Televising Large (33"+)	66	33" Clean and TV	LF	\$ 6.00
Televis Lateral	A23	Lateral Televising	LF	\$ 9.00
Cut Protruding Taps	78	Other Remote Obstruction Removal	EA	\$ 440.00
Heavy Sewer Cleaning (+3 Passes)	78	Other Remote Obstruction Removal	EA	\$ 610.00



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Hydro Excavate Water Services B-Box	78	Other Remote Obstruction Removal	EA	\$ 525.00
Items ordered by the Engineer	507	Travel and Mobilization	EA	\$ 15,200.00
Additional Laborer for Easement	186	Flagmen	HR	\$ 240.00
Additional Laborer for Lateral Location (Sonde/GIS)	82	GPS Survey of Manholes & Cleanouts	EA	\$ 200.00

Thank you for the opportunity to quote this pipe cleaning and televising project. If this proposal is accepted, regular payments to be made to Hoerr Construction, Inc. monthly as the work progresses, as billed, for the units that were installed. If a separate contract format is used, this document shall be included as an exhibit. This proposal may be retracted if not accepted within 30 days. If you have any questions, please call me at 312.350.0301.


 John P. Manijak
 Hoerr Construction, Inc.

Acceptance of Proposal

The pricing, specifications, and conditions noted above and on the following pages of this proposal are agreeable and are accepted in full. By signing below, you have our authorization to complete the work as specified.

 Customer Authorized Signature

 Customer Printed Name

 Acceptance Date

 Customer Company Name

Scope of Work

The Contractor agrees to perform the Services set forth herein pursuant to this Agreement.

CITY OF AURORA SPECIAL PROVISIONS

Revised 01/2026

The following Special Provisions supplement the Instruction to Bidders, the City of Aurora General Specifications, the Illinois Department of Transportation's Standard Specifications For Road and Bridge Construction (herein after called the Standard Specifications), the City of Aurora's Standard Specifications for Improvements, the Supplemental Specifications and Recurring Special Provisions, the Standard Specifications for Water And Sewer Main Construction in Illinois, Seventh Edition, the Standard Specifications for Traffic Control Items, Part 890 of the Illinois Plumbing Code (77 IL Admin Code 890.1150) and the latest edition of the Manual on Uniform Traffic Control Devices for Streets and Highways and the Illinois Supplement to the National Manual on Uniform Traffic Control Devices in effect on the date of invitation for proposals. These special provisions apply to and govern the proposed improvement designated as the **2026 Sewer Televising Contract** and in case of conflict with any part or parts of said specifications; these Special Provisions shall take precedence and shall govern.

SUMMARY OF 2026 MAJOR SPECIAL PROVISION REVISIONS:

- **WORKING DAY AND HOURS**
- **STORM MANHOLES**
- **CATCH BASINS**
- **STORM INFILTRATION CATCH BASINS**
- **INLETS**
- **CURED IN PLACE PIPE SEWER LINING**
- **SANITARY MANHOLES**
- **CHIMNEY REHABILITATION, NON-PAVEMENT**
- **RESET EXISTING FRAME**
- **MANHOLE RECONSTRUCTION, NON-PAVEMENT**
- **CCTV SEWER INSPECTION**
- **BYPASS PUMPING**
- **WATER SERVICE/WATER SERVICE RELOCATION**
- **VALVE IN VALVE VAULTS**
- **INSERTION VALVE**

ALTERATIONS TO PROJECT BY ENGINEER

The Engineer reserves the right to alter the Plans and details, extend or shorten the improvement, add such work as deemed necessary, increase or decrease the quantities of work to be performed, and/or eliminate entire pay items all in accordance with Section 104 of the Standard Specifications, except that the Contractor shall not be entitled to additional compensation or lost profits in the event that quantities are reduced below the original contract quantities, or in the event pay items are deleted entirely.

ITEMS ORDERED BY ENGINEER

When additional work not included in the Contract, is requested in writing by the Engineer, this additional work shall be measured and paid for in accordance with Sections 104 and 109 of the IDOT Standard Specifications, as modified by these special provisions.

Payment for all additional work ordered by the Engineer in writing, which is deemed by the

Engineer to be eligible for payment and is not covered by the Contract, shall be made from the allowance included in the contract under ITEMS ORDERED BY ENGINEER. The Contractor shall not be entitled to any additional compensation in the event that utilization of this allowance, either in whole or in part, is not required to complete the work.

RESPONSIBILITY OF WORK

During the progress of the work the Contractor shall assume total risk and liability, and will be responsible for any and all damages to the work, or to persons, or to public or private property caused by, or in any way resulting from doing the work, including actions of Subcontractors or Material Suppliers.

PUBLIC SAFETY AND CONVENIENCE

The Contractor shall maintain driveways, entrances, and side roads along the proposed improvement to allow emergency and local vehicle access to all adjacent properties. This access should not allow the passage of non-local vehicular traffic, which should abide by the approved traffic control plan. Interference with traffic movements and inconvenience to abutting property owners and the public shall be kept to a minimum. The Contractor shall also keep the sidewalk and curb ramps clear of debris and equipment whenever possible. The Contractor shall maintain at least one lane open to traffic at all times for emergency vehicles on all streets affected by the construction of these improvements. Adequate use of flaggers and other traffic control devices shall be used to permit such arrangements during working hours. The Contractor shall remove and reinstall all street signs/posts in conflict with the proposed improvements and the Contractor will be responsible for the replacement of signs/posts damaged during this process. All signage required for the proper control of traffic (i.e.: stop signs, yield signs, etc.) must be maintained on a temporary basis until the permanent sign can be reinstalled. **If the project is located in a business district, then business open signs provided by the Contractor shall be posted and maintained during construction.**

This work shall not be paid for separately but shall be considered incidental to TRAFFIC CONTROL AND PROTECTION.

COMPLETION DATE

The Contractor agrees to execute a Contract and a contract bond satisfactory to and in the form prescribed by the City in the penal sum of the full amount of the contract, guaranteeing the faithful performance of the work in accordance with the terms of the contract within **fifteen (15)** days after Notice of Award of the Contract.

The Contractor further agrees to begin work no later than **ten (10)** calendar days after the execution and approval of the contract and Contract bond, unless otherwise provided, and to prosecute the work in such a manner and with sufficient materials, equipment, and labor as will ensure its completion within the time limit specified herein, it being understood and agreed that the completion within the time limit is an essential part of the Contract.

The Contractor shall schedule their construction operations in such a manner so as to meet the

following completion deadlines:

- **Obtain Substantial completion of the entire project with 60% completion by May 31, 2026.**
- **Obtain Final completion of the entire project by August 31, 2026.**

Substantially complete shall mean the completion of all work except for the installation of the final HMA surface and minor punch list items.

Final completion shall be obtained when all the work in all respects has been completed; including the final HMA surface course, punch list work, and landscaping.

Special attention is called to Article 108.10 of the Standard Specifications for Road and Bridge Construction and shall be strictly adhered to in the event the Contractor fails to complete the project by the above-mentioned guidelines. Liquidated damages shall be assessed per **Working Day** for failure to meet the above deadlines.

The Contractor shall not discontinue progress towards the completion of the work until “Final Completion” has been obtained. This provision will be strictly enforced whether or not the abovementioned completion deadlines are being met. The Contractor shall be assessed liquidated damages for every working day that work is not being performed on the project.

Underground utilities shall not be installed between October 31st and April 1st of the following year if directed by the Engineer.

Deadline extensions shall not affect the underground utility shutdown dates. Underground work to be performed after October 31st shall be postponed until April 1st of the following year. Restoration pertinent to utilities installed prior to October 31st shall be completed November 15th of the same year.

PERFORMANCE GUARANTEE OF WORK

If after the approval of final payment for each class of work and prior to the expiration of 1 year after the date of approval of said final payment, or such longer period of time as may be prescribed by law or by terms of any applicable special guarantee required by the Contract Documents, any work is found to be defective, the Contractor shall promptly, without cost to the City and in accordance with written directions of the City, remove it from the site and replace it with non-defective work to the satisfaction of the Engineer.

Failure of the Contractor to complete or to remedy defective work within a reasonable time (not to exceed 30 days of notice to Contractor in any event) shall be deemed a default and the City may take steps as it deems necessary to complete or remedy said work and charge the cost thereof to the Contractor.

WORK DAYS AND HOURS

The Contractor shall not perform any work on City holidays (MLK Day, Juneteenth, & Veterans Day), Saturdays, or outside of regular working hours without prior written approval from the City. No work shall be done on Sundays or federal Holidays.

Regular working hours are between 7:00 AM and 3:30 PM, Monday through Friday.

If work is approved after regular working hours and Saturdays, the allowed working hours need to be agreed upon but shall be between 7:00 AM and 7:00 PM, Monday through Friday and between 8:00 AM and 5:00 PM on Saturdays

Equipment shall not be started before 6:45 AM.

INCIDENTAL WORK

All work required to install the improvements shown or called for on the Plans and in the specifications, shall be incidental to the various bid items in the proposal even though a specific item is not shown, and no additional compensation shall be made to the Contractor, unless it is indicated that additional payment will be allowed or a unit price is provided for said work in the Contract.

PRE-CONSTRUCTION MEETING

A pre-construction meeting shall be held prior to start of construction after execution of the Contract Documents. The Engineer shall establish the time and place of the pre-construction meeting. At the time of the meeting, the Contractor shall be required to furnish and/or discuss the following:

- Notify Engineer 7 days prior to the start of construction.
- Written progress schedule/Completion Deadline.
- Names of Subcontractors and Material Suppliers.
- Names of Project Manager and/or Field Supervisor, including the name and phone number of a responsible individual who can be reached twenty-four (24) hours per day, seven (7) days per week.
- Notifications
- Notify the Engineer 72 hours prior to the start of the project.
- General cleanup of the work site at the end of each day. The Contractor must have a water meter and hoses, or water truck on site prior to the start of excavation. Contractors and their sub-contractors will not be allowed to obtain water from private property.
- Granular trench backfill, method and equipment used for compaction.
- CCDD requirements
- Protection of existing pavement and placement of cold patch. The Contractor must be prepared to place temporary pavement within the same day of removing the existing pavement.
- Driveway access
- Landscape restoration
- A J.U.L.I.E status for the project site, scheduled by the Contractor, prior to commencement of any work.

Upon receipt of the Notice of Award, the Contractor shall prepare a traffic control plan and project schedule setting forth the hours and days of operation for each task required by the contract. The project schedule shall be reviewed, and revised as required, and submitted with each payment request and/or request for extension of time.

TRAFFIC CONTROL AND PROTECTION

Traffic control shall be in accordance with the applicable sections of the Standard Specifications for Road and Bridge Construction, the Recurring Special Provisions and Supplemental Specifications, the Manual on Uniform Traffic Control Devices for Streets and Highways and the Illinois Supplement to the National Manual on Uniform Traffic Control Devices, and any special details and Highway Standards contained herein and in the Traffic Specifications or Highway Specifications. Special attention is called to Article 107.09 of the Standard Specifications for Road and Bridge Construction.

The Contractor shall submit to the Engineer a Traffic Control Plan for approval by the Engineer. The Contractor shall adhere to the approved Traffic Control Plan. The Contractor shall obtain written approval from the Engineer forty-eight (48) hours in advance of the implementation of any and all alterations or deviations from the Traffic Control Plan. City to provide arrow board and barricades if necessary.

All orange signs used shall be fluorescent orange in color. Deteriorated, damaged, or signs with non-original material on the front surface will not be allowed.

Prior to the start of work the Contractor shall have a sufficient number of barricades, signs, and flagmen at the jobsite for the scheduled work. If satisfactory traffic control as determined by the Engineer is not in place, the Engineer shall order the work to be halted. Traffic control devices shall not be removed without prior written notice and approval of the Engineer.

The Contractor shall obtain, erect, maintain, and remove all signs, barricades, flagmen, and other traffic control devices as may be necessary for the purposes of regulating, warning, or guiding traffic. The supplying, installation, and maintenance of traffic control and protection shall be included in the Contract.

RESPONSIBILITY FOR CONSTRUCTION SAFETY, SHORING AND CONSTRUCTION METHODS

The Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions for the safety of; and shall provide the necessary protection to prevent damage, injury or loss to:

- a) All employees on the work and other persons who may be affected thereby.
- b) All work and materials or equipment to be incorporated therein, whether in storage on or off the site.
- c) Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, and utilities not designated for removal, relocation, or replacement during construction.

The Contractor shall be responsible for complying with all applicable laws, ordinances, rules, regulations, and orders of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury, or loss. The Contractor shall be responsible for erecting and maintaining, as required by the conditions and progress of the work, all necessary safeguards for its safety and protection, including tight sheeting or shoring of the trench. He shall notify owners of adjacent utilities when prosecution of the work may affect them. All damage, injury, or loss to any property referred to in paragraph (a) or (b) caused, directly or indirectly, in whole or in part, by any Contractor or Subcontractor or anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, shall be remedied by the Contractor. The Contractor's duties and responsibilities for the safety and protection of all work shall continue until such time as all the work is completed and acceptable. Any damages shall be repaired in a timely manner. Any and all interruptions of essential utilities such as water, electricity, or gas shall be corrected that same day and before the foreman leaves the site. (See Guarantee & Maintenance of Work for time of acceptance.)

The Contractor shall be responsible for coordinating with utility companies regarding the bracing or relocating of utility poles, and the relocation of any underground facilities.

The Engineer shall not be responsible for determining the Contractor's construction means or methods.

LOCATION OF UTILITIES

The Contractor, before submitting a Bid, shall carefully examine the Proposal, Plans, Details, Specifications, and Special Provisions. The successful Bidder shall inspect in detail the site of the proposed work and be familiar with all the local conditions affecting the proposal and the detailed requirements of construction.

When existing structures, services, utilities, pipelines and improvements (both above and below ground) are shown on the Plans, the locations shown are approximate only and are not guaranteed. Obstructions and improvements in addition to those shown on the Plans may also be encountered in carrying out the work. The Contractor shall be responsible for carrying out all work under this contract without additional compensation for whatever condition is found above or below ground.

The depth and alignment of the existing water mains and sewers are approximate and may vary in both alignment and depth between manholes and valves. The Contractor shall not be due any additional compensation in the event that the alignment of the sewers and water mains vary from what is shown on the Plans. The call outs shown on the Plans for the existing water mains are approximate and not guaranteed.

CLEANING ALL STRUCTURES

Before final acceptance, all structures and staging areas that were occupied by the Contractor in connection with this work shall be cleaned of all rubbish, excess materials, and other foreign materials deposited or accumulated on or in the structures and areas. Cleaning all structures shall be considered incidental to the cost of the contract and will not be paid for separately.

HEAVY SEWER CLEANING

This work shall be in accordance with NAASCO Sewer Pipe Cleaning Specification Guideline 1.4 D Heavy Sewer Cleaning insofar as applicable and the following provisions.

Heavy cleaning of sewers includes removal of large deposits of debris, root growth, mineral deposits, bricks, grease deposits, and other foreign materials. The Contractor shall utilize a Jetter-Vacuum Combination truck with high velocity (120 GPM or Higher) hydro-cleaning equipment. Scrapers and augers may be used. HEAVY SEWER CLEANING shall be approved by the Engineer prior to the work.

The Contractor shall be responsible for disposing of all septic material removed from the heavy cleaning procedure to a permitted disposal facility. In no circumstance shall passing material from manhole to manhole be left unattended in the invert of the sewer. Such material must be removed immediately.

The Contractor shall take all necessary precautions of not reducing the flow capacity of the sewers during the bucketing procedures. This can be accomplished by by-passing flows to downstream manholes.

The Contractor shall advise the Engineer 48 hours prior to starting the heavy cleaning. If this work is subcontracted to others, the City will require approval of said Subcontractor.

The cost of heavy cleaning, which includes debris removal and disposal, bucketing, root removal and disposal, and all necessary and appurtenant work shall be included in the contract unit price per HOUR (HR) for HEAVY SEWER CLEANING. The size of the sewers may vary from 8-inch to 96-inch diameter.

HAZARDOUS SPILL REMEDIATION

The Contractor shall be responsible for the cleanup of any hazardous spills on the jobsite including oil, diesel, gasoline, etc. and any spill that enters the sewer system or any bodies of water downstream. The Contractor shall expeditiously work with all requests from the Illinois Environmental Protection Agency (IEPA) to comply with cleaning up any spills. The Contractor will be required to hire a contractor specializing in environmental cleanup, and that contractor shall coordinate directly with the IEPA. Should the Fire Department be involved responding to reports of spills and the resulting clean up and the spill is traced back to the Contractor's jobsite, the Contractor shall be liable to reimburse the Fire Department any monies incurred for their efforts. The Fire Department efforts includes materials, equipment and labor that they deem necessary to contain or clean up the spill. All costs including coordination, fines and documentation with state and federal agencies, hiring of an environmental cleanup contractor, any environmental cleanup, reimbursement of the Fire Department, or any other costs associated with cleaning up or responding to spills originating from the jobsite shall be paid for by the Contractor. The City will not reimburse the Contractor for any of this work should it occur.

MOBILIZATION

This item consists of transportation and setup of various equipment necessary to any and all locations for the project, as well as the breakdown and removal of the same equipment.

This item shall be considered incidental to the contract and will not be paid for separately.

WATER FOR CONSTRUCTION PURPOSES

City water for construction purposes will be available to the Contractor at their cost according to the prevailing rates in effect at the time. Contractors and their sub-contractors will not be allowed to obtain water from private property. The Contractor shall secure a City water meter by presenting a deposit for \$1,600.00 in the form of a certified check made out to The City of Aurora to the Water Billing Department on the First Floor of 44 E. Downer Place, Aurora, Illinois. The name of the Contractor and their Tax ID number will be required. The Contractor will take the resulting forms to the Water & Sewer Maintenance Division located at **2185 Liberty Street, Aurora, Illinois** where the City water meter shall be provided. The Contractor and/or sub-contractor will be fined, according to ordinance, which will be deducted from moneys due, for each unauthorized use of City water regardless of the amount of water used or the reason for unauthorized use.

CUT PROTRUDING TAP

This work shall be in accordance with NAASCO Sewer Pipe Cleaning Specification Guideline 1.4 Lateral Cuts insofar as applicable and the following provisions.

This work consists of cutting services that protrude into the sanitary sewer. The services shall be trimmed flush with the inside of the existing sewer. The debris generated by cutting the protruding service shall be removed from the sewer and disposed of properly.

This work shall be paid for at the contract unit price per EACH (EA) for CUT PROTRUDING TAP which shall be payment in full for all material, equipment, and labor necessary to perform this work in accordance with the Plans, specifications, and as directed by the Engineer.

CCTV SEWER INSPECTION

This work shall be in accordance with NAASCO Pipe Condition Assessment Using CCTV Guideline Specification 1.1 Scope of Services and Working Phase insofar as applicable and the following provisions.

Prior to the City accepting new storm and sanitary sewer, the Contractor shall CCTV the storm and sanitary sewer, and the interior of each new lateral from the point of connection with the main. The CCTV inspection shall be performed from manhole to manhole with each lateral referenced from the upstream manhole.

The CCTV inspection shall be performed by an operator that is PACP certified according to NAASCO. All Operator's certifications shall be provided to the City.

In addition to televising the new storm and sanitary sewers, the Engineer may direct the Contractor to CCTV additional sewers during the project.

Prior to the CCTV inspection the Contractor shall flush and clean all sewers. The Contractor shall be responsible for the disposal of all solids or semi-solids resulting from the cleaning operations. Any cleaning that exceeds the efforts of "Light" cleaning shall be paid for as HEAVY SEWER CLEANING.

The camera used for the inspection shall be one specifically designed and constructed for sewer inspections. Lighting for the camera shall be suitable to allow a clear picture of the entire periphery of the pipe. The camera shall have a rotating head and shall be operative in 100 percent humidity conditions. The camera, monitor and other components of the video system shall be capable of producing a minimum 500 line resolution video picture in color. Picture quality and definition shall be to the satisfaction of the Engineer and if unsatisfactory, shall be redone at no cost to the City.

The inspection shall be done one manhole section at a time, and the flow in the section being inspected shall be suitably controlled. The camera shall be moved through the line from the upstream manhole to the downstream manhole at a uniform rate, stopping when necessary to ensure proper documentation of the sewer's condition, but in no case will the camera be moved at a speed greater than 30 feet per minute. **Televising shall be completed in the downstream direction unless approved by the Engineer.** Manual winches, power winches, TV cable and powered rewinds or other devices that do not obstruct the camera view or interfere with proper documentation of the sewer conditions shall be used to move the camera through the sewer line.

Measurement of any defects, connections, etc. as described in the following report shall be accurate to two tenths (0.2) of a foot over the length of the section being inspected.

Electronic copies of the reports shall be provided to the Engineer in pdf format. Reports shall clearly show the location, in relation to adjacent manholes, of points of significance such as locations of building sewer connections, unusual conditions, roots, storm and/or sanitary sewer connections, collapsed sections, presence of scale and corrosion, and other discernible features. **Each manhole shall be identified by numbers pre-selected by the Engineer and depths of the manholes shall be recorded.**

Electronic copies of the videos shall be provided to the Engineer of sections televised. **Videos and reports shall be provided to the Engineer bi-weekly.**

If this work is subcontracted to others, the City shall require approval of said Subcontractor.

The Closed Circuit TV Inspection required following the installation of sanitary sewer cured in place pipe lining will not be paid for separately, but shall be considered incidental to the lining process

Televising of sewers shall be paid for at the contact unit price per FOOT (LF) for SANITARY or STORM SEWER TELEVISIONING, of the size specified, measured from centerline manhole to centerline manhole.

BYPASS PUMPING

When work is to be performed on live, active sanitary sewers, the Contractor shall be required to by-pass the sewage flows around the area. Prior to any work being performed under this work item, the Contractor shall submit a detailed plan for the sewage by-pass system for review and approval by the City of Aurora and Fox Metro Water Reclamation District. The Contractor shall not be allowed to plug the sanitary services without approval of the proposed bypass system. The bypass shall be made by plugging the line at an existing upstream manhole and pumping the flow into a downstream manhole or adjacent wastewater system.

If the sewer is found under surcharged condition, the Contractor shall be responsible to flush all downstream lines to lower the flow in order to perform the work.

The Contractor shall make every effort to maintain sewer service usage throughout the duration of the project. The Contractor may choose to work during off business hours to accommodate the residents and businesses upon approval from the City. It shall be the responsibility of the Contractor to notify all residences and businesses at least 48 hours in advance before proceeding with the work.

When the by-pass pumping configuration involves a combined sewer system, the Contractor shall not begin the lining process if there is rain forecast during the duration of the lining process requiring by-pass pumping.

The Contractor shall submit to the City a detailed plan and descriptions outlining all provisions and precautions to be taken by the Contractor regarding the handling of existing wastewater flow. This plan must be specific and complete, including such items as schedules, locations, elevations, capacities of equipment, materials and all other incidental items necessary and/or required to ensure proper protection of the facilities, including protection of the access and bypass pumping locations from damage due to the discharge flows, and compliance with the requirements specified in these Contract Documents. The plan shall include but not be limited to details of the following:

- Staging areas for pumps including traffic control;
- Sewer plugging method and types of plugs;
- Number, size, material, location and method of installation of suction piping;
- Number, size, material, method of installation and location of installation of discharge piping;
- Bypass pump sizes, capacity, number of each size to be on site and power requirements;
- Calculations for selection of bypass pumping pipe size and of static lift, friction losses, and flow velocity;
- Standby power generator size, location;
- Method of protecting discharge manholes or structures from erosion and damage;
- Thrust and restraint block sizes and locations;
- Method of noise control for each pump and/or generator;
- Any temporary pipe supports and anchoring required;
- Schedule for installation of and maintenance of bypass pumping lines;

All pumps used shall be fully automatic self-priming units that do not require the use of foot-valves or vacuum pumps in the priming system. The pumps may be electric or diesel powered. All pumps used must be constructed to allow dry running for long periods of time to accommodate the

cyclical nature of effluent flows. The Contractor shall provide the necessary stop/start controls for each pump.

In order to prevent the accidental spillage of flows all discharge systems shall be temporarily constructed of rigid pipe with positive, restrained joints. Under no circumstances will aluminum "irrigation" type piping or glued PVC pipe be allowed. Discharge hose will only be allowed in short sections and by specific permission from the City.

Bypass pumping systems shall have sufficient capacity to pump the anticipated peak flows of the existing sanitary sewer pipe. The Contractor shall provide all pipeline plugs, pumps of adequate size to handle peak flow, and temporary discharge piping to ensure that the total flow of the main can be safely diverted around the project area. The bypass pumping system will be required to be operated 24 hours per day. The bypass pumping system shall be capable of bypassing the flow around the work area and of releasing any amount of flow up to full available flow into the work area as necessary for satisfactory performances of work. The Contractor shall have adequate standby equipment available and ready for immediate operation and use in the event of an emergency or breakdown.

The Contractor will not be permitted to stop or impede the main flows under any circumstances. The Contractor shall maintain sewer flow around the work area in a manner that will not cause surcharging of sewers, damage to sewers and that will protect public and private property from damage and flooding. The Contractor shall be responsible for all physical damage to all local sewer lines caused by human or mechanical failure. The Contractor shall protect water resources, wetlands and other natural resources.

The Contractor shall inspect bypass pumping system as needed to ensure that the system is working correctly. The Contractor shall ensure that the temporary pumping system is properly maintained and a responsible operator shall be on hand at all times when pumps are operating.

Plugging or blocking of sewage flows shall incorporate a primary and secondary plugging device. When plugging or blocking is no longer needed for performance and acceptance of work, it is to be removed in a manner that permits the sewage flow to slowly return to normal without surge, to prevent surcharging or causing other major disturbances downstream. The cost of bypass pumping shall be incidental to the cost of the pipe installation/lining, or manhole being bypassed.

The Contractor shall provide proper traffic control when bypass pumps are crossing intersections preventing vehicles from driving through. Traffic control shall include detour signage if needed and shall be considered incidental to the Contract.

LOCATE AND TELEWISE SEWER LATERAL

This work shall be in accordance with NAASCO Pipe Condition Assessment Using CCTV Guideline Specification 1.1 Scope of Services and Working Phase insofar as applicable and the following provisions.

The Contractor will be provided with a list of individual sewer laterals to be located with depths provided at the location of a proposed utility trench. The Contractor will be given a length from the sanitary main where the proposed utility trench will be located. In addition, at locations

where a lead water service is being replaced, the Contractor will typically be asked to locate the sewer lateral all the way to the house.

A few locations may require CCTV inspection of a sewer lateral as a post construction check to confirm the sewer lateral was not damaged during the construction project, the length to be televised in this case will average 20'-30'.

The Contractor shall use a lateral evaluation television system to CCTV inspect the requested sewer laterals which shall have the ability to provide a depth measurement of up to 10' deep. The Engineer will provide one list of services to be televised so that this pay item can be completed at one time. All laterals will have a minimum diameter of six (6) inches.

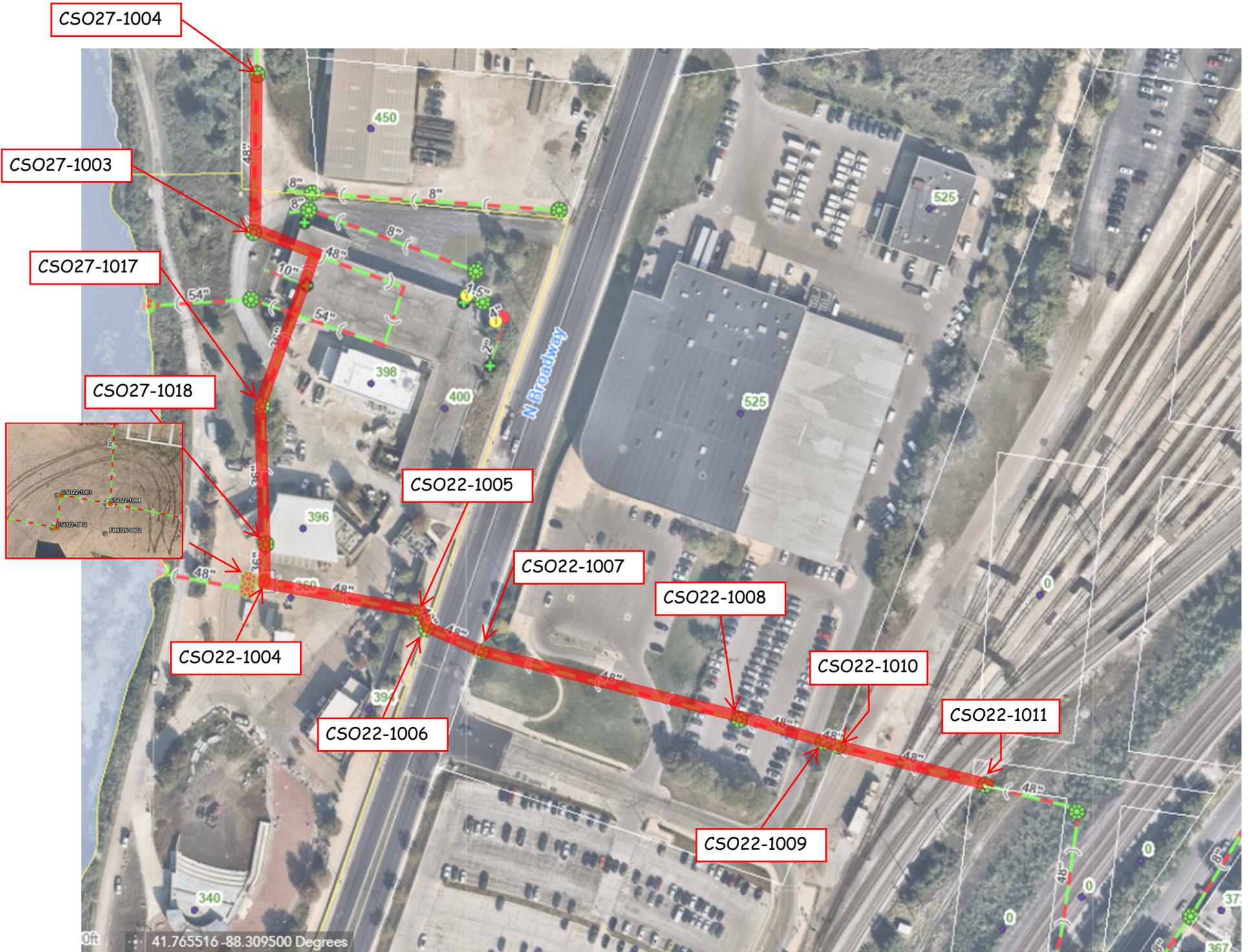
This activity shall be paid for at the contract unit price per FOOT (LF) for LOCATE AND TELEVISION SEWER LATERAL, measured from the main to the location requested by the Engineer.

HYDRO EXCAVATE WATER SERVICE B-BOX

This work shall include hydro excavating water services at the b-box to the depth of the existing water service material by use of a vacuum truck. Work includes excavation, exposure, identification, protection, and restoration. The Engineer must be on site at the time of the hydro excavation to confirm and document the service material. If the Engineer cannot be present at the time of excavation, the Contractor shall document the service material and take a pictures for City records. Picture shall include the address of the water service. Exact locations of the water services to be exposed will be determined and directed by the Engineer in the field. The approximate depth of each hydro excavation site is about five and half feet (5.5').

Upon completion of excavation, the Contractor shall secure each excavation site by installing four (4) lath stakes around the perimeter and tying high-visibility safety ribbon between the stakes to ensure public safety until the City can backfill the holes.

This work shall be paid for at the contract unit price per EACH (EA) for HYDRO EXCAVATE WATER SERVICE B-BOX, which shall include all labor, materials, disposal, and equipment required to hydro excavate existing water service b-boxes.



AS-BUILT

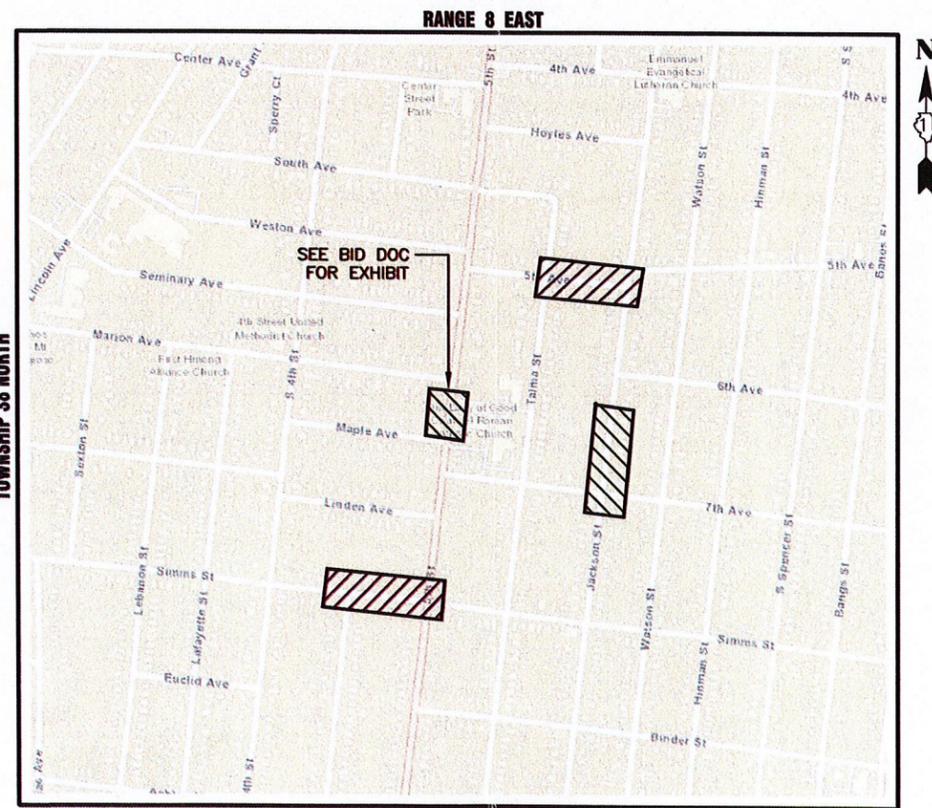
AURORA ILLINOIS

PLANS FOR THE PROPOSED JACKSON ST & SIMMS ST SEWER SEPARATION AND 5TH AVE WATER MAIN REPLACEMENT JACKSON ST. FROM 5TH AVE. TO SIMMS ST.

MARCH 2025

GENERALLY LOCATED IN THE N. 1/2 OF SEC 27 T38N, R8E

LEGEND		
	EXISTING	PROPOSED
SANITARY SEWER	—) —	—) —
STORM SEWER	— > —	— > —
WATER MAIN	— W —	— W —
FORCE MAIN	— FM —	— FM —
UNDERDRAIN	— UD —	— UD —
OVERHEAD LINE	— OH —	— OH —
CABLE TV LINE	— CATV —	— CATV —
GAS LINE	— GAS —	— GAS —
TELEPHONE LINE	— T —	— T —
ELECTRIC LINE	— E —	— E —
FENCE	— X —	— X —
MAJOR CONTOUR	— — —	— — —
MINOR CONTOUR	— — —	— — —
HIGH WATER LEVEL	— HWL —	— HWL —
NORMAL WATER LEVEL	— NWL —	— NWL —
PAVEMENT FLOW DIRECTION	— — —	— — —
SPOT ELEVATION	X 852.5	X 852.5
TOP OF CURB ELEVATION	X 852.6 TC	X 852.6 TC
TOP OF FOUNDATION ELEVATION	X 852.6 T/F	X 852.6 T/F
GUTTER ELEVATION	X 852.6 FL	X 852.6 FL
PAVEMENT ELEVATION	X 852.6 P	X 852.6 P
EDGE OF PAVEMENT	— — —	— — —
CURB AND GUTTER	— — —	— — —
RIGHT-OF-WAY	— — —	— — —
SANITARY MANHOLE	⊙	⊙
SANITARY CLEANOUT	⊙	⊙
STORM MANHOLE	⊙	⊙
CATCH BASIN	⊙	⊙
INLET	⊙	⊙
FLARED END SECTION	⊙	⊙
FIRE HYDRANT	⊙	⊙
VALVE VAULT	⊙	⊙
VALVE BOX	⊙	⊙
STREET LIGHT	⊙	⊙
POWER POLE	⊙	⊙
STREET SIGN	⊙	⊙
ELECTRIC BOX	⊙	⊙
TELEPHONE BOX	⊙	⊙
TELEPHONE MANHOLE	⊙	⊙
B-BOX	⊙	⊙
GAS VALVE	⊙	⊙
TRAFFIC HANDHOLE	⊙	⊙
ELECTRIC HANDHOLE	⊙	⊙
TREE W/ DIAMETER	⊙	⊙
MAILBOX	⊙	⊙
STRUCTURE TO BE REMOVED	⊙	⊙
PLUG EXISTING PIPE	⊙	⊙
UTILITY CROSSING	⊙	⊙
EXPLORATORY EXCAVATION LOCATION	⊙	⊙
SANITARY MANHOLE REHABILITATION NUMBER	⊙	⊙
SOIL BORING LOCATION WITH IDENTIFICATION NUMBER & ELEVATION	⊙	⊙



KANE COUNTY - AURORA TOWNSHIP
THIRD PRINCIPAL MERIDIAN

LOCATION MAP
NOT TO SCALE

INDEX OF SHEETS

- 1 COVER SHEET
- 2-4 PLAN AND PROFILE
- 5-10 STANDARD DETAILS

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CONSTRUCTION AND MAINTENANCE TO BE IN
ACCORDANCE WITH ALL APPLICABLE REGULATORY
REQUIREMENTS AND STANDARDS

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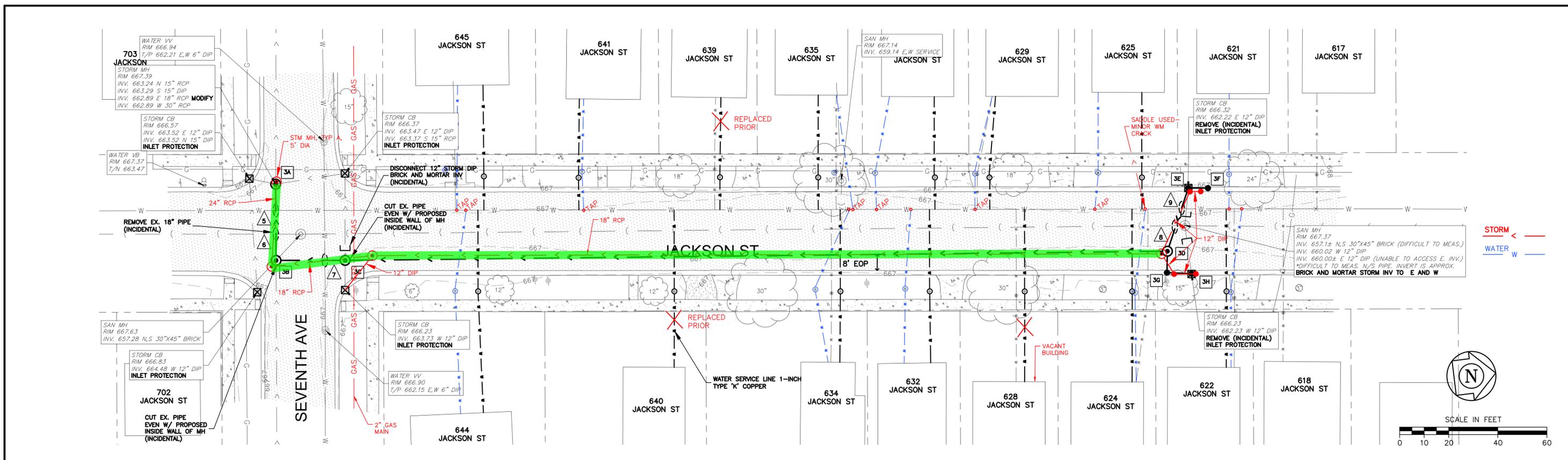
PLANS PREPARED BY:
CITY OF AURORA
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION
77 S. BROADWAY AVE, AURORA, IL 60505
PHONE: 630-256-3200 FAX: 630-256-3229

REVISIONS:					
DESIGNED BY: OSC	DRAWN BY: AHB	CHECKED BY: KTM	APPROVED BY: KTM	HORIZ. SCALE: N/A	DATE: MAR 2025
				VERT. SCALE: N/A	

STAMP

ILLINOIS REGISTERED PROFESSIONAL
ENGINEER No. 602.070660
LICENSE EXPIRES NOVEMBER 30, 2025

DATE: 3/2/25



	<p>5 WATER MAIN CROSSING B/PR STM = 662.74 T/WM = 661.24 LOWER 6" WM W/2 6" 45° BENDS</p> <p>6 SANITARY CROSSING B/PR STM = 662.74 T/SAN = 661.26</p>	<p>7 WATER MAIN CROSSING B/PR STM = 663.09 T/WM = 661.59 LOWER 6" WM W/2 6" 45° BENDS</p> <p>8 SANITARY CROSSING B/PR STM = 664.12 T/SAN = 662.01</p> <p>9 WATER MAIN CROSSING B/PR STM = 664.10 T/WM = 662.02</p>	<p>3A STORM MANHOLE NO. 3A STA. 0+50.54 0+50.88 STRUCTURE TAP 5 STORM MANHOLE TY A. 4' DIA. MH W/R - 1713 FR & TY A CL RIM = 667.39 666.893 INV. = 663.24 N, 15" RCP INV. = 663.29 S, 15" DIP INV. = 662.89 SE, 24" RCP INV. = 662.89 W, 30" RCP</p>	<p>3B STORM MANHOLE NO. 3B STA. 0+50.86 0+48.94 STORM MANHOLE TY A. 4' DIA. MH W/R - 1713 FR & TY A CL RIM = 667.44 667.057 INV. = 662.98 W, 24" RCP INV. = 662.98 N.E, 18" RCP 32 LF OF 24" RCP @ 0.28%</p>	<p>3C STORM MANHOLE NO. 3C STA. 0+78.82 0+89.96 STORM MANHOLE TY A. 4' DIA. MH W/R - 1713 FR & TY A CL RIM = 667.94 666.663 INV. = 662.99 N.S, 18" RCP INV. = 663.8 E, 12" DIP 28 LF OF 18" RCP @ 0.50%</p>	<p>3D STORM MANHOLE NO. 3D STA. 4+13.97 4+11.55 STORM MANHOLE TY A. 4' DIA. MH W/R - 1713 FR & TY A CL RIM = 666.87 666.467 INV. = 664.00 W.E, 12" DIP INV. = 664.00 S, 18" RCP 345 LF OF 18" RCP @ 0.25%</p>	<p>3E INFILTRATION CATCH BASIN NO. 3E STA. 4+22.50 4+23.15 REMOVE CATCH BASIN REPLACE W/3' DIA. INFL CATCH BASIN W/R - 3015 FR & TY R GR F/L = 666.32 665.843 INV. = 664.42 S, 12" DIP 27 LF OF 12" DIP @ 1.19%</p>	<p>3F INFILTRATION CATCH BASIN NO. 3F STA. 4+30.50 4+27.55 INFL CATCH BASIN W/3' DIA. W/R - 3015 FR & TY R GR F/L = 666.78 665.810 INV. = 664.32 N.E, 12" DIP 8 LF OF 12" DIP @ 1.25%</p>	<p>3G INFILTRATION CATCH BASIN NO. 3G STA. 4+13.78 4+16.71 INFL CATCH BASIN W/3' DIA. W/R - 3015 FR & TY R GR F/L = 666.56 665.810 INV. = 664.33 N.W, 12" DIP 664.23 8 LF OF 12" DIP @ 2.87%</p>	<p>3H INFILTRATION CATCH BASIN NO. 3H STA. 4+23.80 4+25.59 REMOVE CATCH BASIN REPLACE W/3' DIA. INFL CATCH BASIN W/R - 3015 FR & TY R GR F/L = 666.23 665.745 INV. = 664.23 S, 12" DIP 664.33 8 LF OF 12" DIP @ 1.25%</p>	<p>HORIZ. SCALE 0 10 20</p> <p>VERT. SCALE 0 2.5 5</p>	
685												685
680												680
675												675
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<p>CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505</p>	<p>REVISIONS:</p>	<p>DESIGNED BY: OSC CHECKED BY: KM SCALE: 1" = 20'</p> <p>DRAWN BY: AHB/MH APPROVED BY: KM DATE: 3/2025</p>			<p>PROJECT JACKSON STREET STORM SEWER SEPARATION</p> <p>SHEET TITLE PLAN & PROFILE - REDLINE</p>						<p>SHEET NUMBER 3</p>	
		<p>TOTAL SHEETS 10</p>										

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AURORA ILLINOIS

PLANS FOR THE PROPOSED

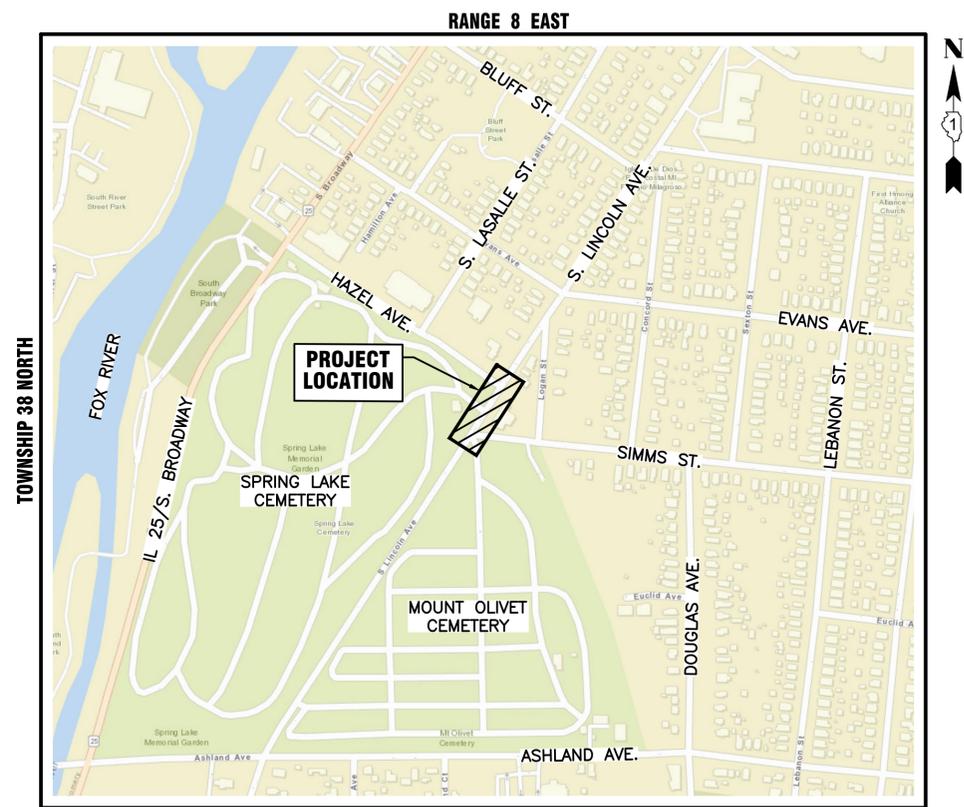
S. LINCOLN AVE. AND SIMMS ST. SEWER SEPARATION

S. LINCOLN AVE. BETWEEN SIMMS ST. AND HAZEL AVE.

MARCH 2025

GENERALLY LOCATED IN THE SE 1/4 OF SEC. 28, T38N, R8E

LEGEND		
EXISTING	PROPOSED	
SANITARY SEWER		
STORM SEWER		
WATER MAIN		
FORCE MAIN		
UNDERDRAIN		
OVERHEAD LINE		
CABLE TV LINE		
GAS LINE		
TELEPHONE LINE		
ELECTRIC LINE		
FENCE		
MAJOR CONTOUR		
MINOR CONTOUR		
HIGH WATER LEVEL		
NORMAL WATER LEVEL		
PAVEMENT FLOW DIRECTION		
SPOT ELEVATION		
TOP OF CURB ELEVATION		
TOP OF FOUNDATION ELEVATION		
GUTTER ELEVATION		
PAVEMENT ELEVATION		
EDGE OF PAVEMENT		
CURB AND GUTTER		
RIGHT-OF-WAY		
SANITARY MANHOLE		
SANITARY CLEANOUT		
STORM MANHOLE		
CATCH BASIN		
INLET		
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FIRE HYDRANT		
VALVE VAULT		
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POWER POLE		
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ELECTRIC BOX		
TELEPHONE BOX		
TELEPHONE MANHOLE		
B-BOX		
GAS VALVE		
TRAFFIC HANDHOLE		
ELECTRIC HANDHOLE		
TREE W/ DIAMETER		
MAILBOX		
STRUCTURE TO BE REMOVED		
PLUG EXISTING PIPE		
UTILITY CROSSING		
EXPLORATORY EXCAVATION LOCATION		
SANITARY MANHOLE REHABILITATION NUMBER		
SOIL BORING LOCATION WITH IDENTIFICATION NUMBER & ELEVATION		



KANE COUNTY - AURORA TOWNSHIP
THIRD PRINCIPAL MERIDIAN

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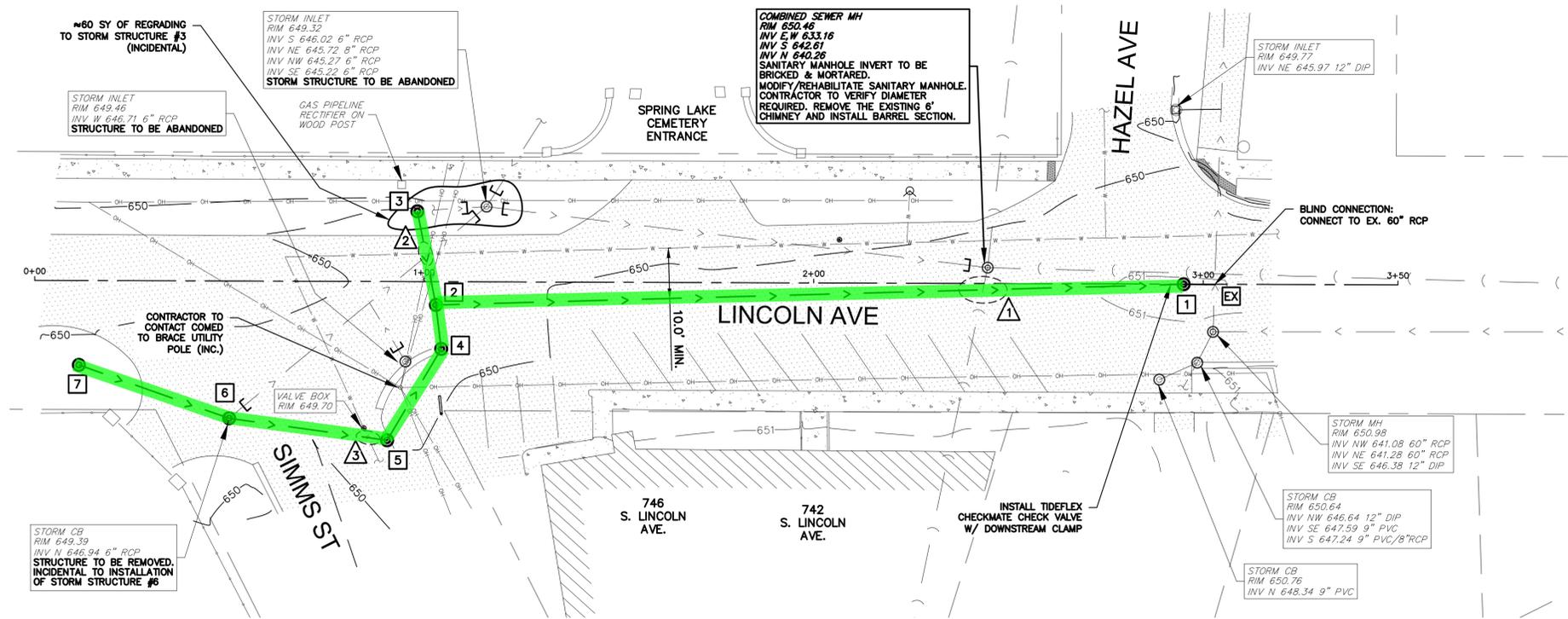
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PLANS PREPARED BY:
CITY OF AURORA
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION
2185 LIBERTY STREET, AURORA, IL 60502
PHONE: 630-256-3200 FAX: 630-256-3229

REVISIONS:

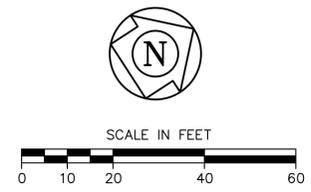
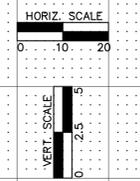
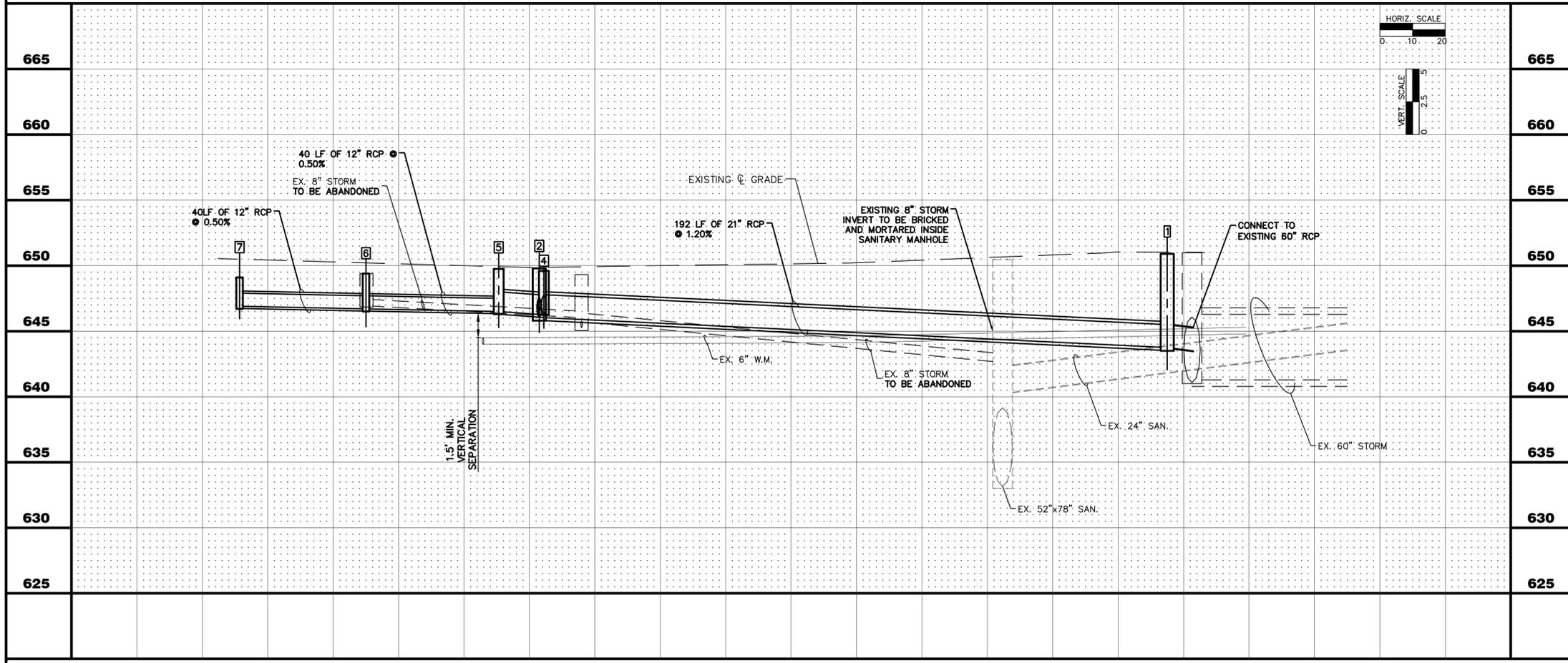
DESIGNED BY: GL	DRAWN BY: MH	CHECKED BY: GL	APPROVED BY: KM	HORIZ. SCALE: N/A	VERT. SCALE: N/A	DATE: MAR. 2025
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STAMP _____ DATE _____
ILLINOIS REGISTERED PROFESSIONAL
ENGINEER No. 062.59993
LICENSE EXPIRES NOVEMBER 30, 2025



- STORM SEWER STRUCTURES**
- CONNECT TO EXISTING 60" RCP
 - STA. 3+02.96, 0.1' RT
 - GROUND ELEV. = 651.00
 - EX. INV. = 641.00 E,W 60" RCP
 - INV. 643.50 S 20" DIP
- STORM STRUCTURE NO. 1**
- STA. 2+94.98, 0.0' RT
 - 4' DIA. STORM MANHOLE
 - W/R-1713 FR & TY A CL
 - RIM = 650.90
 - INV = 643.75 N,S 21" RCP
 - 20" DIP, 8 LF @ 3.00%
- STORM STRUCTURE NO. 2**
- STA. 1+03.01, 6.0' RT
 - 4' DIA. STORM MANHOLE
 - W/R-1713 FR & TY A CL
 - RIM = 649.80
 - INV = 646.05 N 21" RCP
 - INV = 646.05 E 18" RCP
 - INV = 646.50 W 12" RCP
 - 21" RCP, 192 LF @ 1.20%
- STORM STRUCTURE NO. 3**
- STA. 0+98.19, 18.0' LT
 - 2' DIA. STORM INLET
 - TYPE A W/ TY 8 GR
 - RIM = 649.00
 - INV = 647.00 E 12" RCP
 - 12" RCP, 24 LF @ 2.08%
- STORM STRUCTURE NO. 4**
- STA. 1+04.42, 17.2' RT
 - 3' DIA. INFILTRATION CATCH BASIN
 - W/ R-3015 FR & TY R GR
 - RIM = 649.60
 - INV = 646.25 E,W 18" RCP
 - 18" RCP, 11 LF @ 1.80%
- STORM STRUCTURE NO. 5**
- STA. 0+90.62, 40.6' RT
 - 3' DIA. INFILTRATION CATCH BASIN
 - W/ R-3015 FR & TY R GR
 - RIM = 649.75
 - INV = 646.50 W 18" RCP
 - INV = 646.50 S 12" RCP
 - 18" RCP, 27 LF @ 0.93%
- STORM STRUCTURE NO. 6**
- STA. 0+50.03, 35.2' RT
 - 2' DIA. STORM INLET
 - W/ R-2504 FR & TY D OL
 - RIM = 649.40
 - INV = 646.70 N,S 12" RCP
 - 12" RCP, 40 LF @ 0.50%
- STORM STRUCTURE NO. 7**
- STA. 0+11.40, 21.6' RT
 - 2' DIA. STORM INLET
 - TYPE A W/ TY 8 GR
 - RIM = 649.10
 - INV = 646.90 N 12" RCP
 - 12" RCP, 40 LF @ 0.50%

- UTILITY CROSSINGS**
- 1. UTILITY CROSSING
B/STM = 644.20
T/SAN = 640.10
NO PROTECTION REQUIRED
 - 2. UTILITY CROSSING
B/STM = 646.62
T/WM = 644.20
NO PROTECTION REQUIRED
W/ RUBBER GASKET RCP
 - 3. UTILITY CROSSING
B/STM = 646.30
T/WM = 644.35
NO PROTECTION REQUIRED
W/ RUBBER GASKET RCP



	0+00	1+00	2+00	3+00		
	CITY OF AURORA ENGINEERING DIVISION 2185 LIBERTY ST. AURORA, ILLINOIS 60502			REVISIONS:	PROJECT S. LINCOLN AVE. AND SIMMS ST. SEWER SEPARATION	SHEET NUMBER 2
	DESIGNED BY: GL CHECKED BY: GL SCALE: 1" = 20' DRAWN BY: MH APPROVED BY: KM DATE: 3/2025			SHEET TITLE PLAN & PROFILE	TOTAL SHEETS 5	

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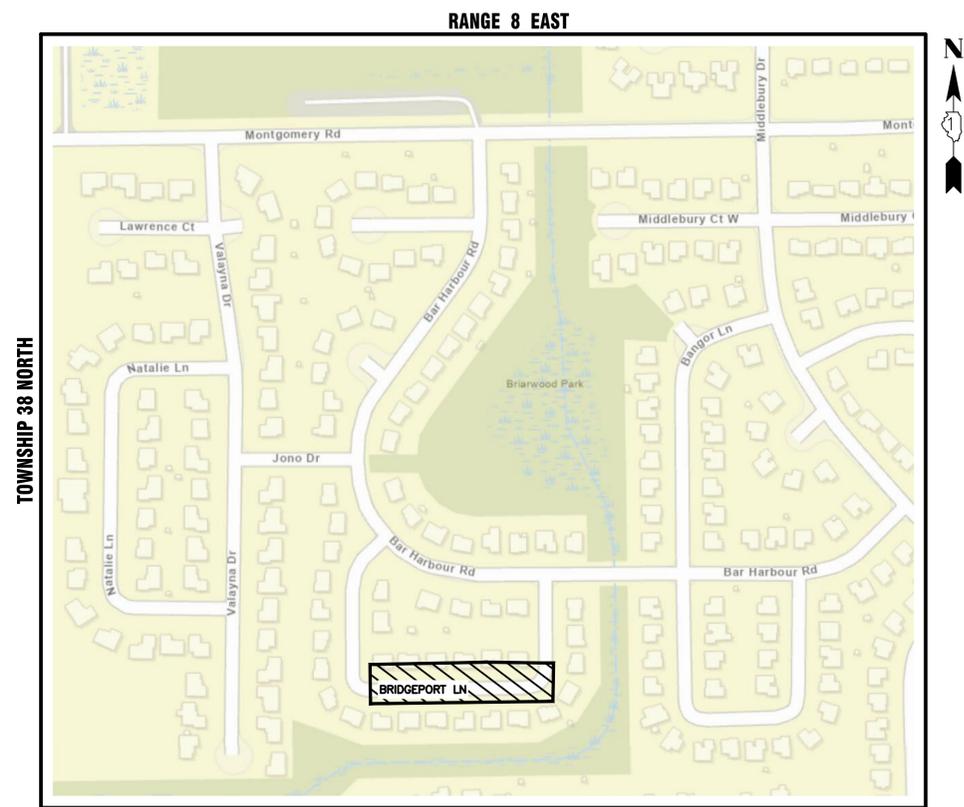
PLANS FOR THE PROPOSED

BRIDGEPORT LN STORM SEWER INSTALLATION

JULY 2025

GENERALLY LOCATED IN THE S. 1/2 OF SEC 32, T38N, R9E

LEGEND		
EXISTING	PROPOSED	
SANITARY SEWER		
STORM SEWER		
WATER MAIN		
FORCE MAIN		
UNDERDRAIN		
OVERHEAD LINE		
CABLE TV LINE		
GAS LINE		
TELEPHONE LINE		
ELECTRIC LINE		
FENCE		
MAJOR CONTOUR		
MINOR CONTOUR		
HIGH WATER LEVEL		
NORMAL WATER LEVEL		
PAVEMENT FLOW DIRECTION		
SPOT ELEVATION		
TOP OF CURB ELEVATION		
TOP OF FOUNDATION ELEVATION		
GUTTER ELEVATION		
PAVEMENT ELEVATION		
EDGE OF PAVEMENT		
CURB AND GUTTER		
RIGHT-OF-WAY		
SANITARY MANHOLE		
SANITARY CLEANOUT		
STORM MANHOLE		
CATCH BASIN		
INLET		
FLARED END SECTION		
FIRE HYDRANT		
VALVE VAULT		
VALVE BOX		
STREET LIGHT		
POWER POLE		
STREET SIGN		
ELECTRIC BOX		
TELEPHONE BOX		
TELEPHONE MANHOLE		
B-BOX		
GAS VALVE		
TRAFFIC HANDHOLE		
ELECTRIC HANDHOLE		
TREE W/ DIAMETER		
MAILBOX		
STRUCTURE TO BE REMOVED		
PLUG EXISTING PIPE		
UTILITY CROSSING		
EXPLORATORY EXCAVATION LOCATION		
SANITARY MANHOLE REHABILITATION NUMBER		
SOIL BORING LOCATION WITH IDENTIFICATION NUMBER & ELEVATION		



KANE COUNTY - AURORA TOWNSHIP
THIRD PRINCIPAL MERIDIAN

LOCATION MAP
NOT TO SCALE

INDEX OF SHEETS

- 1 COVER SHEET
- 2 PLAN AND PROFILE
- 3-5 STANDARD DETAILS



J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
811 OR 1-800-892-0123

CONSTRUCTION AND MAINTENANCE TO BE IN ACCORDANCE WITH ALL APPLICABLE REGULATORY REQUIREMENTS AND STANDARDS

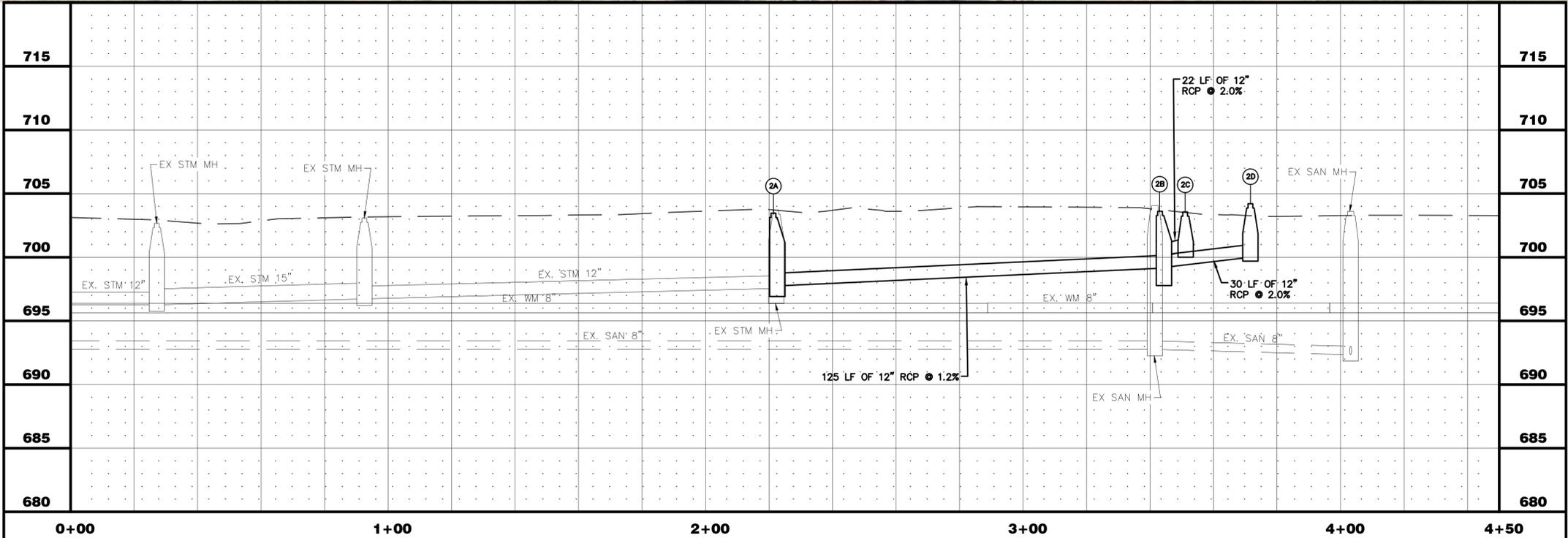
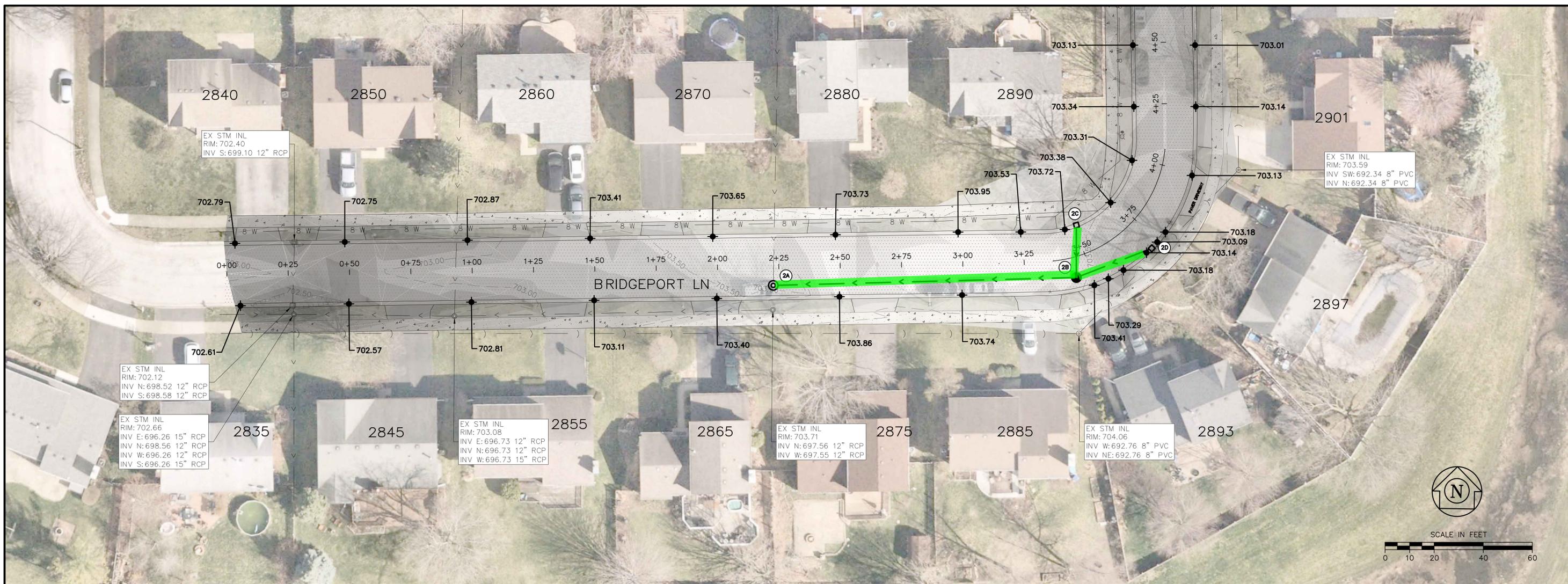
PRINTED BY THE AUTHORITY OF THE CITY OF AURORA

PLANS PREPARED BY:
CITY OF AURORA
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION
77 S. BROADWAY AVE, AURORA, IL 60505
PHONE: 630-256-3200 FAX: 630-256-3229

REVISIONS:

DESIGNED BY: NS	DRAWN BY: AHB	CHECKED BY: KTM	APPROVED BY: KTM	HORIZ. SCALE: N/A	VERT. SCALE: N/A	DATE: JULY 2025
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STAMP	DATE
ILLINOIS REGISTERED PROFESSIONAL	
ENGINEER No. 062.070660	
LICENSE EXPIRES NOVEMBER 30, 2025	



- STORM SEWER STRUCTURES**
- 2A** STORM MANHOLE NO. 2A
STA. 2+22.61
STORM MANHOLE DOGHOUSE 5' DIA.
CUT OPEN TOP OF 12" RCP
AND POUR CONCRETE BENCH
MH W/R - 1713 FR & TY A CL
RIM = 703.46
INV = 697.60 N, 12" RCP (ASSUMED ELEVATION)
INV = 697.58 S, 12" RCP (ASSUMED ELEVATION)
INV = 697.75 E, 12" RCP
 - 2B** STORM CATCH BASIN. 2B
STA. 3+40.90
STORM CATCH BASIN TY A. 4' DIA.
MH W/R - 1713 FR & TY A CL
RIM = 703.61
INV = 699.15 W, 12" RCP
INV = 699.20 E, 12" RCP
INV = 700.08 N, 12" RCP
125 LF OF 12" RCP @ 1.1%
 - 2C** STORM INLET NO. 2C
STA. 13+46.97
STORM INLET TY A. 2' DIA
MH W/R - 3501 FR & TY R GRATE
RIM = 703.56
INV = 700.50 S, 12" RCP
22' LF OF 12" RCP @ 1.9%
 - 2D** STORM INLET NO. 2D
STA. 13+46.97
STORM INLET TY A. 2' DIA
MH W/R - 3501 FR & TY R GRATE
RIM = 703.12
INV = 700.00 NW, 12" RCP
30' LF OF 12" RCP @ 2.6%
- NOTE:
CURB STRUCTURES 2C AND 2D SHALL HAVE A MINIMUM
6" OF ADJUSTING RINGS FOR FUTURE ADJUSTMENT

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	CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505	REVISIONS:	PROJECT BRIDGEPORT LN STORM SEWER INSTALLATION			SHEET NUMBER 2
			DESIGNED BY: NS CHECKED BY: KTM SCALE: 1" = 20' DRAWN BY: AHB APPROVED BY: KTM DATE: 7/2025			SHEET TITLE PLAN & PROFILE

AURORA ILLINOIS

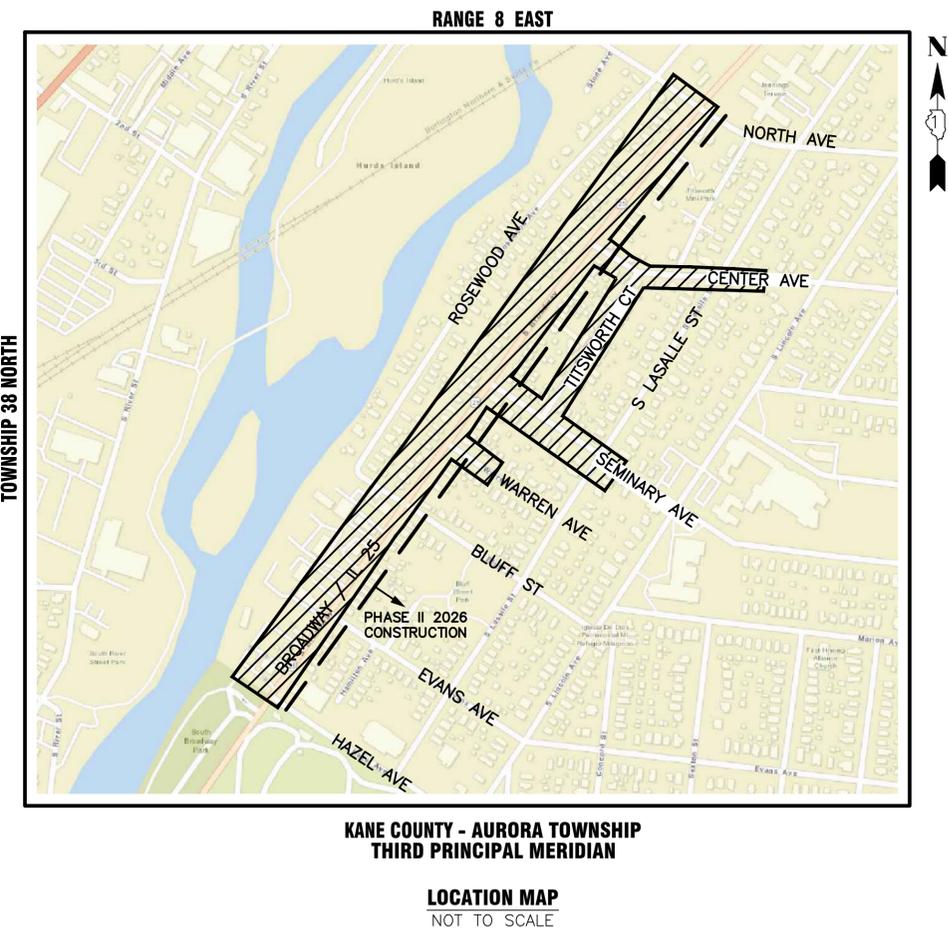
PLANS FOR THE PROPOSED BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION

HAZEL AVE TO NORTH AVE

JANUARY 2025

GENERALLY LOCATED IN THE SW 1/4 OF SEC. 22, T38N, R8E

LEGEND		
EXISTING	PROPOSED	
SANITARY SEWER		
STORM SEWER		
WATER MAIN		
FORCE MAIN		
UNDERDRAIN		
OVERHEAD LINE		
CABLE TV LINE		
GAS LINE		
TELEPHONE LINE		
ELECTRIC LINE		
FENCE		
MAJOR CONTOUR		
MINOR CONTOUR		
HIGH WATER LEVEL		
NORMAL WATER LEVEL		
PAVEMENT FLOW DIRECTION		
SPOT ELEVATION		
TOP OF CURB ELEVATION		
TOP OF FOUNDATION ELEVATION		
GUTTER ELEVATION		
PAVEMENT ELEVATION		
EDGE OF PAVEMENT		
CURB AND GUTTER		
RIGHT-OF-WAY		
SANITARY MANHOLE		
SANITARY CLEANOUT		
STORM MANHOLE		
CATCH BASIN		
INLET		
FLARED END SECTION		
FIRE HYDRANT		
VALVE VAULT		
VALVE BOX		
STREET LIGHT		
POWER POLE		
STREET SIGN		
ELECTRIC BOX		
TELEPHONE BOX		
TELEPHONE MANHOLE		
B-BOX		
GAS VALVE		
TRAFFIC HANDHOLE		
ELECTRIC HANDHOLE		
TREE W/ DIAMETER		
MAILBOX		
STRUCTURE TO BE REMOVED		
PLUG EXISTING PIPE		
UTILITY CROSSING		
EXPLORATORY EXCAVATION LOCATION		
SANITARY MANHOLE REHABILITATION NUMBER		
SOIL BORING LOCATION WITH IDENTIFICATION NUMBER & ELEVATION		



INDEX OF SHEETS

- 1 COVER SHEET
- 2 - 6 TRAFFIC CONTROL
- 7-13 PLAN AND PROFILE
- 14-19 STANDARD DETAILS

THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE LATEST ILLINOIS SUPPLEMENT TO THE MUTCD ARE TO BE USED FOR SIGNAGE. ALL TRAFFIC CONTROL DEVICES USED WITHIN IDOT RIGHT-OF-WAY SHALL CONFORM TO THE LATEST IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, IDOT HIGHWAY STANDARDS, AND IDOT APPROVED PRODUCT LIST.

Dial 811 or 1-800-892-0123



Know what's below.
Call before you dig.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
811 OR 1-800-892-0123

CONSTRUCTION AND MAINTENANCE TO BE IN ACCORDANCE WITH ALL APPLICABLE REGULATORY REQUIREMENTS AND STANDARDS

**PRINTED BY THE AUTHORITY
OF THE CITY OF AURORA**

PLANS PREPARED BY:

CITY OF AURORA

DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION
77 S. BROADWAY AVE, AURORA, IL 60505

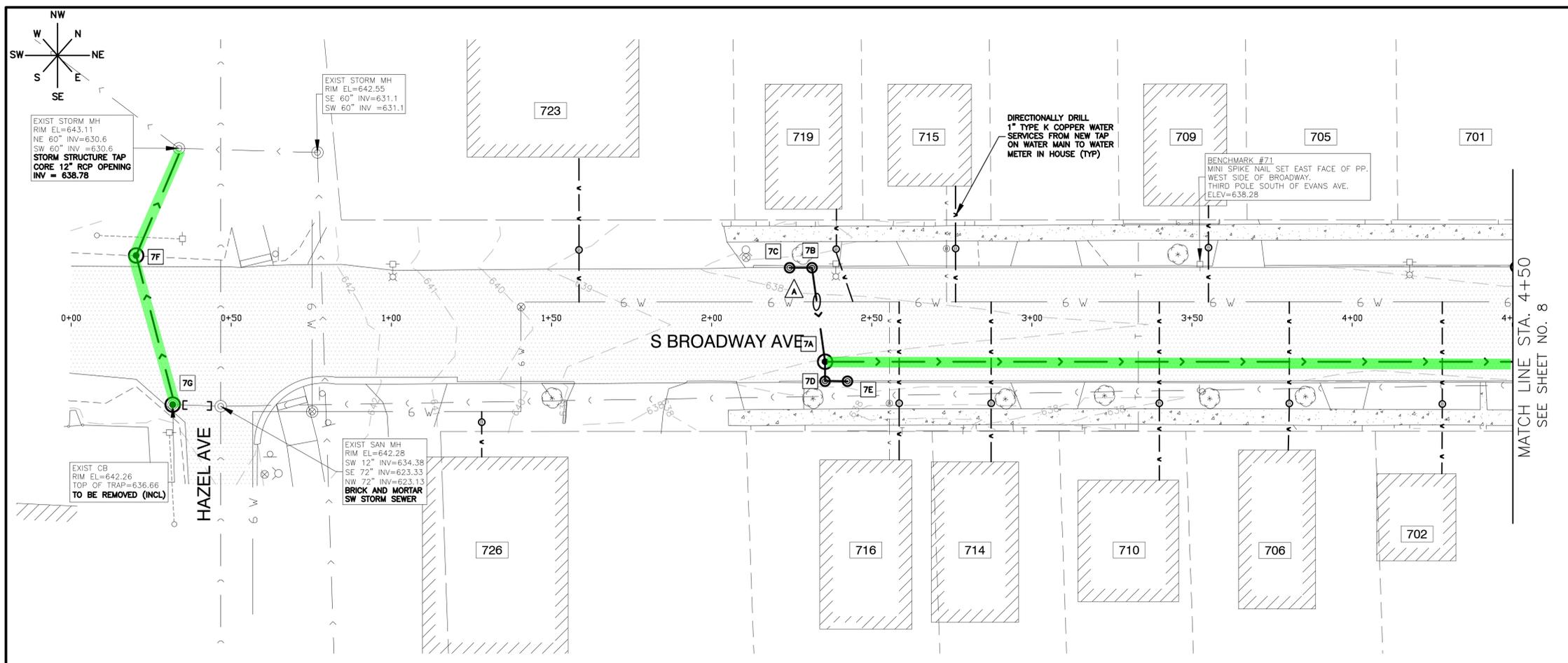
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REVISIONS:

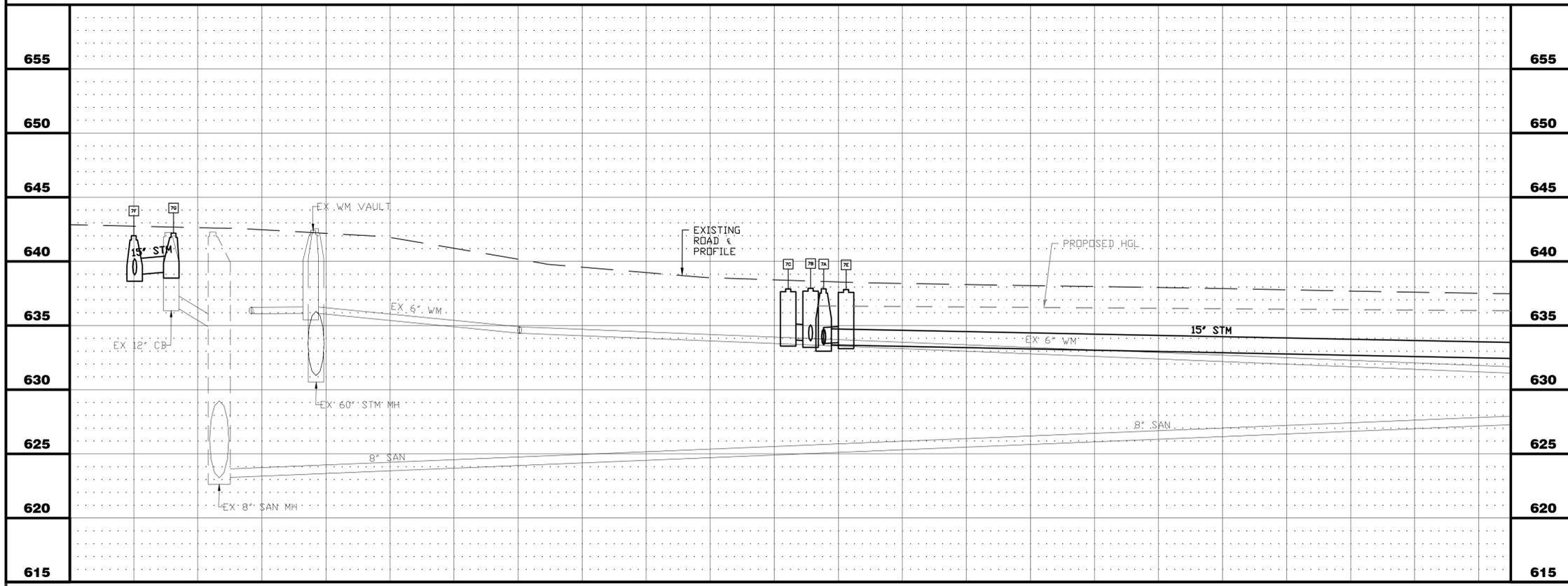
CONSTRUCTION ISSUE - 7/7/25

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				VERT. SCALE: N/A	

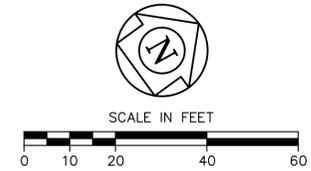
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ILLINOIS REGISTERED PROFESSIONAL	
ENGINEER No. 062.59993	
LICENSE EXPIRES NOVEMBER 30, 2025	



- STORM SEWER STRUCTURES**
- 7A** STORM MANHOLE NO. 7A
STA. 2+35
STORM MANHOLE TY A. 4' DIA.
MH W/R - 1713 FR & TY A CL
RIM = 638.00
INV = 633.50 NW, 15" RCP
INV = 633.50 SE, 15" RCP
INV = 633.50 NE, 15" RCP
240 LF OF 15" RCP @ 0.50%
 - 7B** CATCH BASIN NO. 7B
STA. 2+31
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
F/L = 637.90
INV = 633.80 S & E, 15" RCP
28 LF OF 15" RCP @ 1.07%
 - 7C** CATCH BASIN NO. 7C
STA. 2+24
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
F/L = 637.85
INV = 633.90 NE, 15" RCP
5 LF OF 15" RCP @ 2.00%
 - 7D** CATCH BASIN NO. 7D
STA. 2+35
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
RIM = 637.85
INV = 633.80 NW & NE, 15" RCP
8 LF OF 15" RCP @ 1.25%
 - 7E** CATCH BASIN NO. 7E
STA. 2+42
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
RIM = 637.80
INV = 633.70 SW, 15" RCP
8 LF OF 15" RCP @ 1.25%
 - 7F** CATCH BASIN NO. 7F
STA. 0+20
CATCH BASIN TY A. 2' DIA.
CB W/R - 1713 FR & TY A OL
RIM = 642.00
INV = 638.95 E, 15" RCP
INV = 638.95 NW, 15" RCP
36 LF OF 15" RCP @ 0.5%
 - 7G** CATCH BASIN NO. 7G
STA. 0+31
CATCH BASIN TY A. 2' DIA.
CB W/R - 1713 FR & TY A OL
RIM = 642.20
INV = 639.20 W, 15" RCP
48 LF OF 15" RCP @ 0.5%
- UTILITY CROSSINGS**
- A** WATER MAIN CROSSING
B/STM = 633.80
T/WM = 631.90
NO PROTECTION REQUIRED
RCP RUBBER GASKET STORM
SEWER

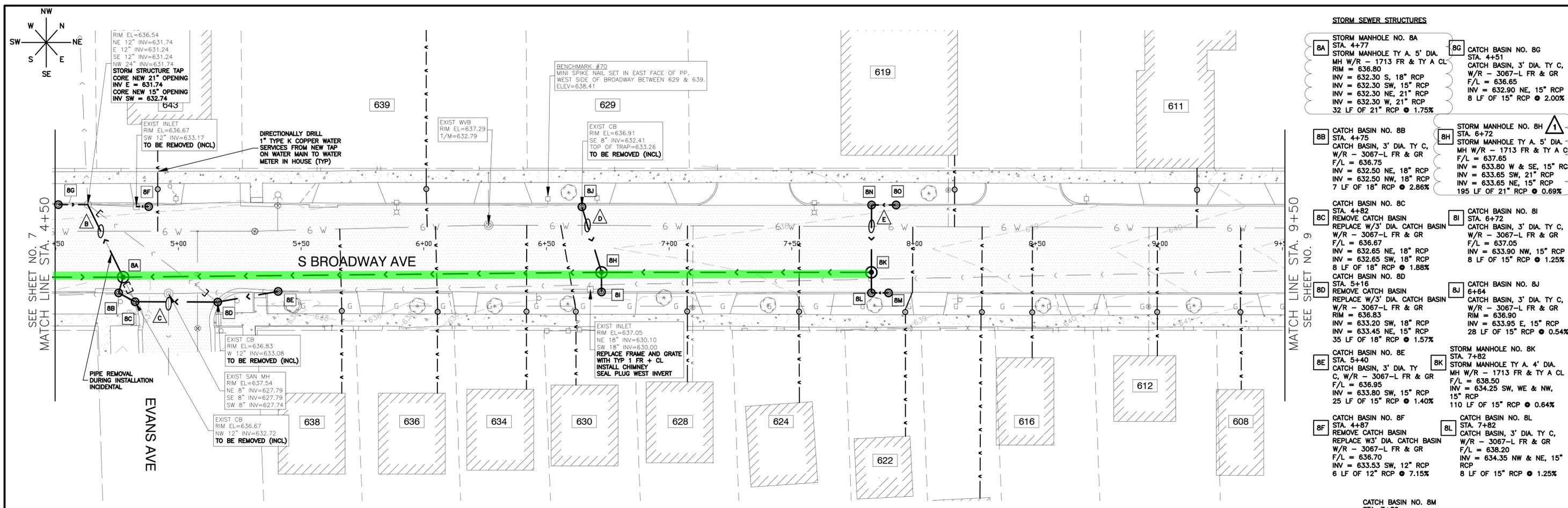


- NOTES:**
1. ALL FITTINGS SHALL BE DUCTILE IRON (DI) MECHANICAL JOINT (MJ) UNLESS OTHERWISE NOTED.
 2. ALL CONFIRMED LEAD SERVICES SHALL BE REPLACED TO THE WATER METER VIA TRENCHLESS METHODS WITH HOMEOWNER APPROVAL.
 3. CONTRACTOR TO LOCATE/COORDINATE WITH CITY FOR NEAREST VALVE FOR TEMPORARY SHUT DOWN (PER CITY DIRECTION).
 4. CONTRACTOR SHALL INSTALL 2" COPPER WHIPS INSIDE VALVE VAULTS AT EACH INTERSECTION (INCIDENTAL).
 5. ANY POWER POLE BRACING TO BE COORDINATED BY CONTRACTOR (INCIDENTAL).
 6. CONTRACTOR TO PATCH STORM SEWER TRENCH PRIOR TO SHIFTING TRAFFIC AS NEEDED TO DIG AT WATER MAIN FOR SERVICE REPLACEMENTS.
 7. TEMPORARY PAVEMENT SHALL BE UTILIZED AT INTERSECTIONS AS DIRECTED BY ENGINEER.
 8. IF NEEDED FLAGGERS, TO INSTALL STORM SEWER CROSSINGS SHALL BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION PAY ITEM
 9. THE USE OF CLSM AS BACKFILL WILL BE UTILIZED AS REQUIRED BY IDOT.

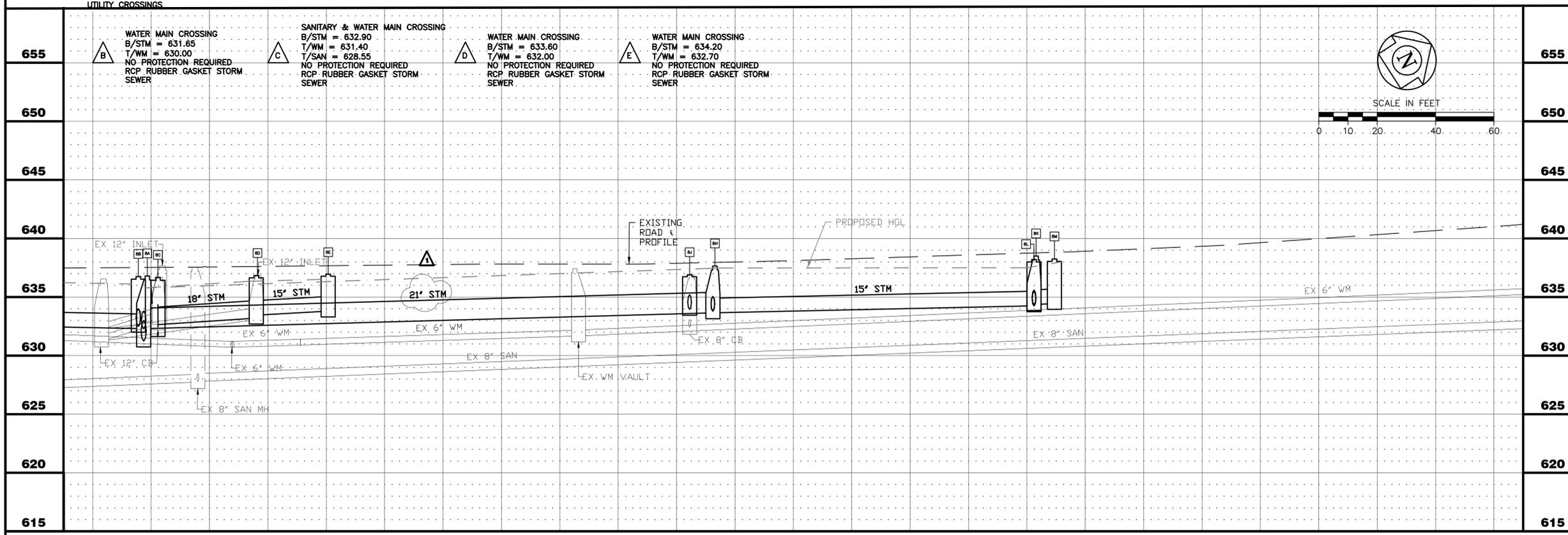


0+00	1+00	2+00	3+00	4+00	4+50
CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505					
REVISIONS:			PROJECT BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE		
DESIGNED BY: KTM CHECKED BY: KTM SCALE: 1" = 20'			SHEET TITLE PLAN & PROFILE - BROADWAY AVE - STA. 0+00 TO STA. 4+50		
DRAWN BY: AHB APPROVED BY: KTM DATE: 2025			SHEET NUMBER 7 TOTAL SHEETS 19		

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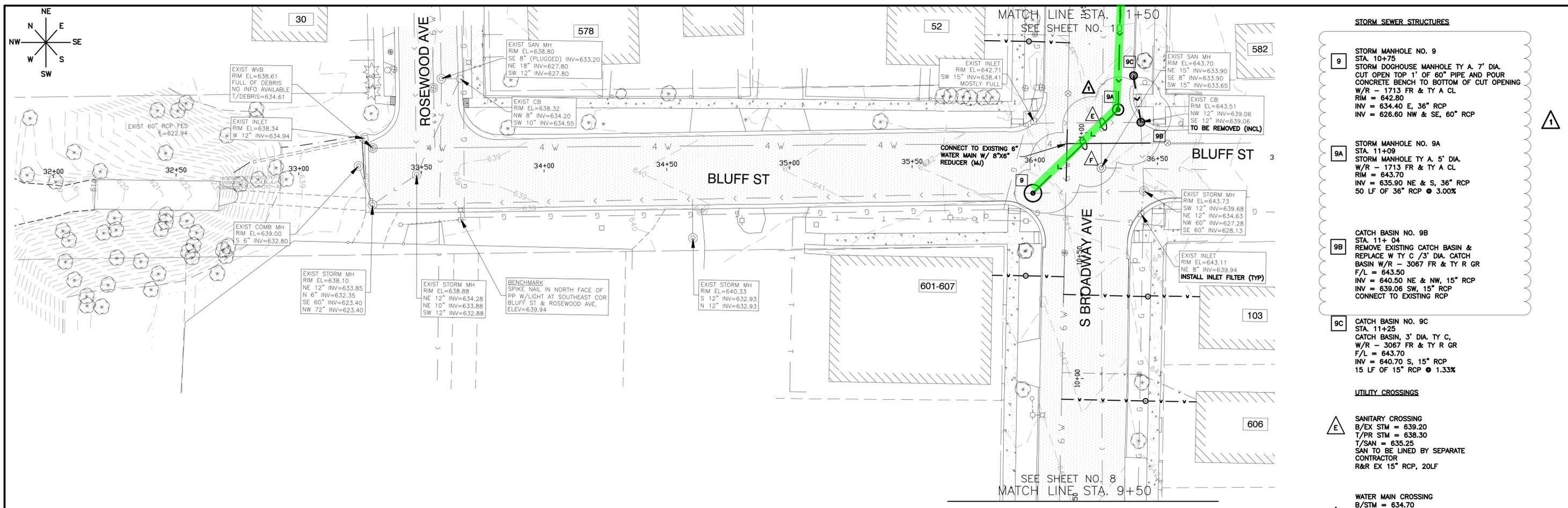
- STORM SEWER STRUCTURES**
- 8A** STORM MANHOLE NO. 8A
STA. 4+77
STORM MANHOLE TY A. 5' DIA.
MH W/R - 1713 FR & TY A CL
RIM = 636.80
INV = 632.30 S, 18" RCP
INV = 632.30 SW, 15" RCP
INV = 632.30 NE, 21" RCP
INV = 632.30 W, 21" RCP
32 LF OF 21" RCP @ 1.75%
 - 8B** CATCH BASIN NO. 8B
STA. 4+75
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
F/L = 636.75
INV = 632.50 NE, 18" RCP
INV = 632.50 NW, 18" RCP
7 LF OF 18" RCP @ 2.86%
 - 8C** CATCH BASIN NO. 8C
STA. 4+82
REMOVE CATCH BASIN
REPLACE W/3' DIA. CATCH BASIN
W/R - 3067-L FR & GR
F/L = 636.67
INV = 632.65 NE, 18" RCP
INV = 632.65 SW, 18" RCP
8 LF OF 18" RCP @ 1.88%
 - 8D** CATCH BASIN NO. 8D
STA. 5+16
REMOVE CATCH BASIN
REPLACE W/3' DIA. CATCH BASIN
W/R - 3067-L FR & GR
RIM = 638.83
INV = 633.20 SW, 18" RCP
INV = 633.45 NE, 15" RCP
35 LF OF 18" RCP @ 1.57%
 - 8E** CATCH BASIN NO. 8E
STA. 5+40
CATCH BASIN, 3' DIA. TY
C, W/R - 3067-L FR & GR
F/L = 636.95
INV = 633.80 SW, 15" RCP
25 LF OF 15" RCP @ 1.40%
 - 8F** CATCH BASIN NO. 8F
STA. 4+87
REMOVE CATCH BASIN
REPLACE W/3' DIA. CATCH BASIN
W/R - 3067-L FR & GR
F/L = 636.70
INV = 633.53 SW, 12" RCP
6 LF OF 12" RCP @ 7.15%
 - 8G** CATCH BASIN NO. 8G
STA. 4+51
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
F/L = 636.65
INV = 632.90 NE, 15" RCP
8 LF OF 15" RCP @ 2.00%
 - 8H** STORM MANHOLE NO. 8H
STA. 6+72
STORM MANHOLE TY A. 5' DIA.
MH W/R - 1713 FR & TY A CL
F/L = 637.65
INV = 633.80 W & SE, 15" RCP
INV = 633.65 SW, 21" RCP
INV = 633.65 NE, 15" RCP
195 LF OF 21" RCP @ 0.69%
 - 8I** CATCH BASIN NO. 8I
STA. 6+72
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
F/L = 637.05
INV = 633.90 NW, 15" RCP
8 LF OF 15" RCP @ 1.25%
 - 8J** CATCH BASIN NO. 8J
6+64
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
RIM = 636.90
INV = 633.95 E, 15" RCP
28 LF OF 15" RCP @ 0.54%
 - 8K** STORM MANHOLE NO. 8K
STA. 7+82
STORM MANHOLE TY A. 4' DIA.
MH W/R - 1713 FR & TY A CL
F/L = 638.50
INV = 634.25 SW, WE & NW,
15" RCP
110 LF OF 15" RCP @ 0.64%
 - 8L** CATCH BASIN NO. 8L
STA. 7+82
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
F/L = 638.20
INV = 634.35 NW & NE, 15"
RCP
8 LF OF 15" RCP @ 1.25%
 - 8M** CATCH BASIN NO. 8M
STA. 7+89
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
F/L = 638.25
INV = 634.45 SW, 15" RCP
8 LF OF 15" RCP @ 1.25%
 - 8N** CATCH BASIN NO. 8N
STA. 7+82
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
F/L = 637.90
INV = 634.50 N & E, 15" RCP
28 LF OF 15" RCP @ 0.54%
 - 8O** CATCH BASIN NO. 8O
STA. 7+92
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
F/L = 637.95
INV = 634.60 SW, 15" RCP
8 LF OF 15" RCP @ 1.25%



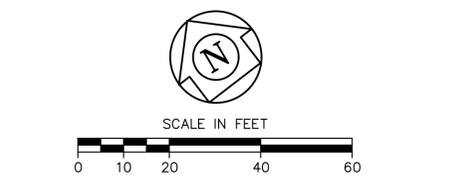
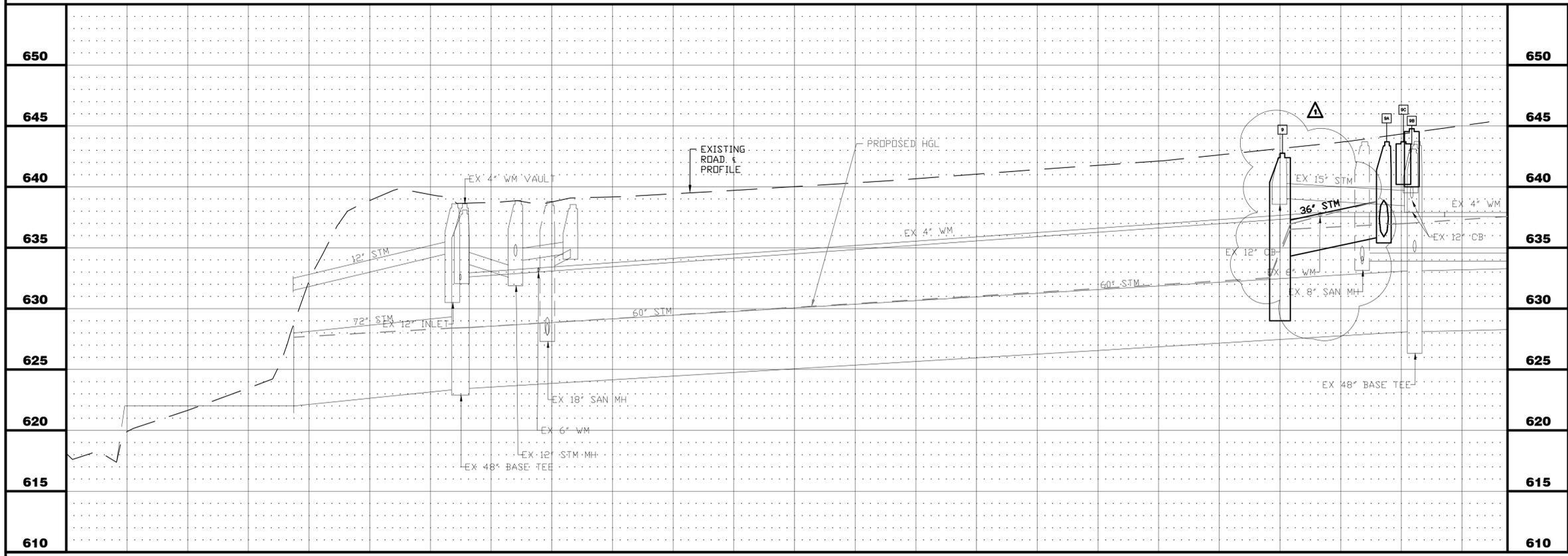
- NOTES:**
- ALL FITTINGS SHALL BE DUCTILE IRON (DI) MECHANICAL JOINT (MJ) UNLESS OTHERWISE NOTED.
 - ALL CONFIRMED LEAD WATER SERVICES SHALL BE REPLACED TO THE WATER METER VIA TRENCHLESS METHODS WITH HOMEOWNER APPROVAL.
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 - THE USE OF CLSM AS BACKFILL WILL BE UTILIZED AS REQUIRED BY IDOT.

<p>CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505</p>	<p>REVISIONS:</p> <p>1 CONSTRUCTION ISSUE - 7/7/25</p>	DESIGNED BY: KTM	CHECKED BY: KTM	SCALE: 1" = 20'	PROJECT	<p>BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE</p>	SHEET NUMBER
		DRAWN BY: AHB	APPROVED BY: KTM	DATE: 2025	SHEET TITLE		<p>PLAN & PROFILE - BROADWAY AVE - STA. 4+50 TO STA. 9+50</p>

PLOT DATE: 7/16/2025 12:58 PM LAST SAVED BY: Hemandra
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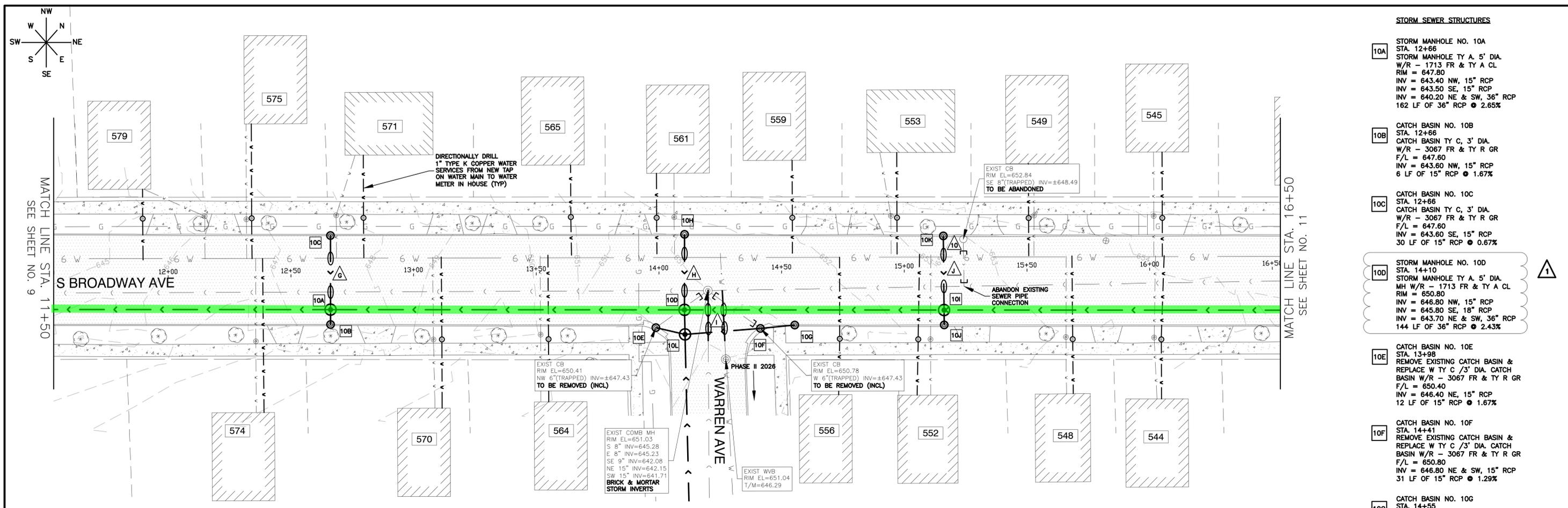
- STORM SEWER STRUCTURES**
- 9** STORM MANHOLE NO. 9
STA. 10+75
STORM DOGHOUSE MANHOLE TY A. 7' DIA.
CUT OPEN TOP 1' OF 60" PIPE AND POUR
CONCRETE BENCH TO BOTTOM OF CUT OPENING
W/R - 1713 FR & TY A CL
RIM = 642.80
INV = 634.40 E, 36" RCP
INV = 626.60 NW & SE, 60" RCP
 - 9A** STORM MANHOLE NO. 9A
STA. 11+09
STORM MANHOLE TY A. 5' DIA.
RIM = 643.70
INV = 635.90 NE & S, 36" RCP
50 LF OF 36" RCP @ 3.00%
 - 9B** CATCH BASIN NO. 9B
STA. 11+04
REMOVE EXISTING CATCH BASIN &
REPLACE W TY C / 3' DIA. CATCH
BASIN W/R - 3067 FR & TY R GR
F/L = 643.50
INV = 640.50 NE & NW, 15" RCP
INV = 639.06 SW, 15" RCP
CONNECT TO EXISTING RCP
 - 9C** CATCH BASIN NO. 9C
STA. 11+25
CATCH BASIN, 3' DIA. TY C,
W/R - 3067 FR & TY R GR
F/L = 643.70
INV = 640.70 S, 15" RCP
15 LF OF 15" RCP @ 1.33%
- UTILITY CROSSINGS**
- E** SANITARY CROSSING
B/EX STM = 639.20
T/PR STM = 638.30
T/SAN = 635.25
SAN TO BE LINED BY SEPARATE
CONTRACTOR
R&R EX 15" RCP, 20LF
 - F** WATER MAIN CROSSING
B/STM = 634.70
T/WM = 633.20
LOWER 4" WATER MAIN USING 8"
DIP, 8"x4" REDUCERS AND 8"
SOLID SLEEVES (ALL MJ)



- NOTES:**
1. ALL FITTINGS SHALL BE DUCTILE IRON (DI) MECHANICAL JOINT (MJ) UNLESS OTHERWISE NOTED.
 2. ALL CONFIRMED LEAD WATER SERVICES SHALL BE REPLACED TO THE WATER METER VIA TRENCHLESS METHODS WITH HOMEOWNER APPROVAL.
 3. CONTRACTOR TO LOCATE/COORDINATE WITH CITY FOR NEAREST VALVE FOR TEMPORARY SHUT DOWN (PER CITY DIRECTION)
 4. CONTRACTOR SHALL INSTALL 2" COPPER WHIPS INSIDE VALVE VAULTS AT EACH INTERSECTION (INCIDENTAL).
 5. ANY POWER POLE BRACING TO BE COORDINATED BY CONTRACTOR (INCIDENTAL).
 6. CONTRACTOR TO PATCH STORM SEWER TRENCH PRIOR TO SHIFTING TRAFFIC AS NEEDED TO DIG AT WATER MAIN FOR SERVICE REPLACEMENTS.
 7. TEMPORARY PAVEMENT SHALL BE UTILIZED AT INTERSECTIONS AS DIRECTED BY ENGINEER.
 8. IF NEEDED FLAGGERS, TO INSTALL STORM SEWER CROSSINGS SHALL BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION PAY ITEM
 9. THE USE OF CLSM AS BACKFILL WILL BE UTILIZED AS REQUIRED BY IDOT.

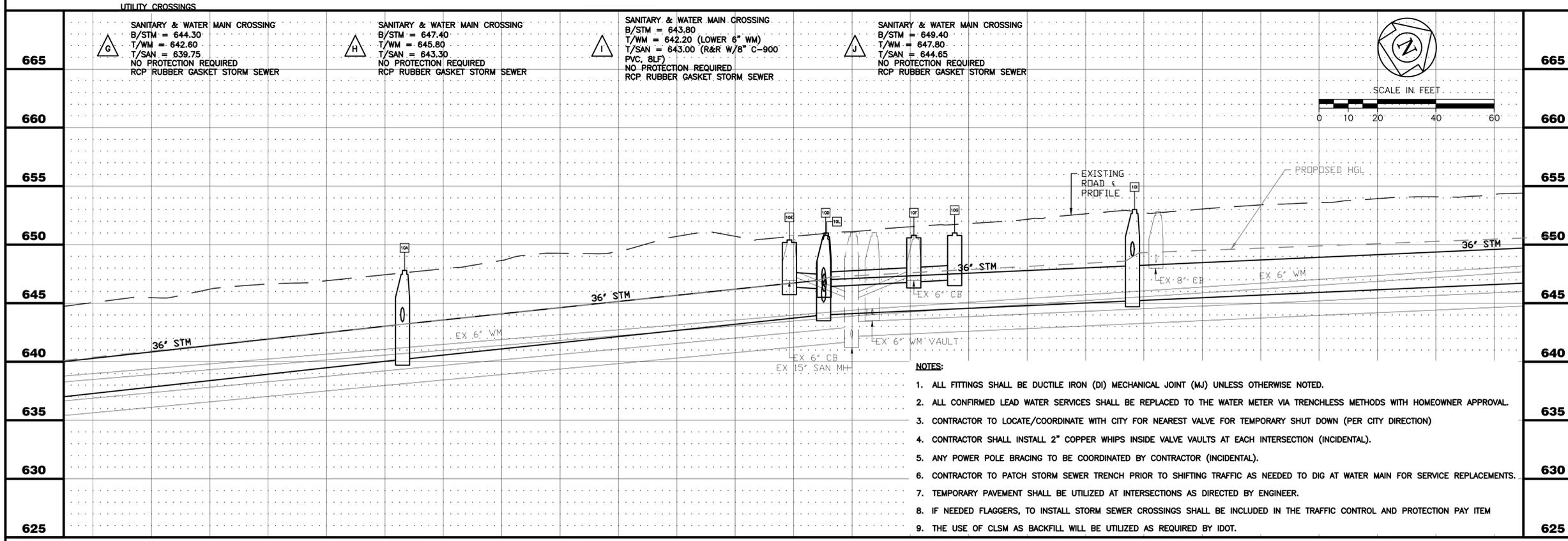
32+00	33+00	34+00	35+00	36+00	36+75		650	650	
CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505						REVISIONS: 1 CONSTRUCTION ISSUE - 7/7/25	PROJECT BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE		SHEET NUMBER 9
DESIGNED BY: KTM DRAWN BY: AHB			CHECKED BY: KTM APPROVED BY: KTM			SCALE: 1" = 20' DATE: 2025	SHEET TITLE PLAN & PROFILE - S BROADWAY - STA. 10+50 TO STA. 11+50		TOTAL SHEETS 19

PLOT DATE: 7/16/2025 12:58 PM LAST SAVED BY: HemandezA
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STORM SEWER STRUCTURES

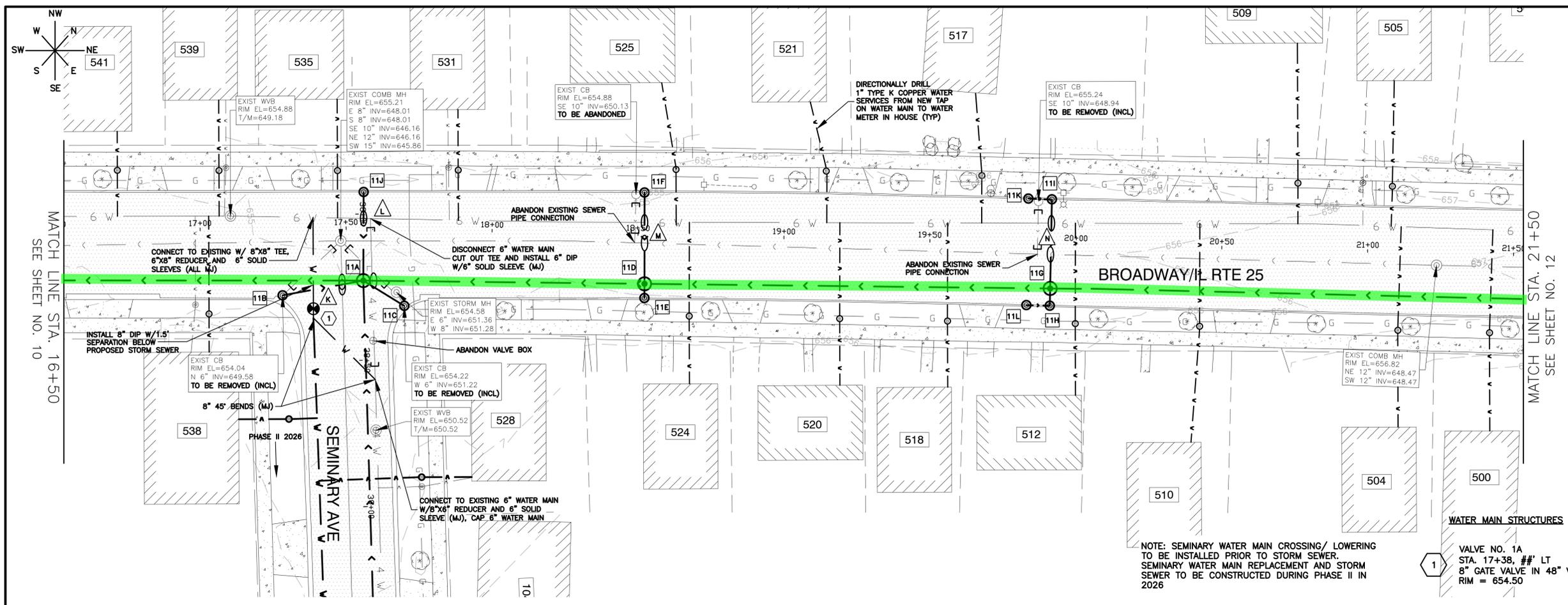
10A	STORM MANHOLE NO. 10A STA. 12+66 STORM MANHOLE TY A, 5' DIA. W/R - 1713 FR & TY A CL RIM = 647.80 INV = 643.40 NW, 15" RCP INV = 643.50 SE, 15" RCP INV = 640.20 NE & SW, 36" RCP 162 LF OF 36" RCP @ 2.65%
10B	CATCH BASIN NO. 10B STA. 12+66 CATCH BASIN TY C, 3' DIA. W/R - 3067 FR & TY R GR F/L = 647.60 INV = 643.60 NW, 15" RCP 6 LF OF 15" RCP @ 1.67%
10C	CATCH BASIN NO. 10C STA. 12+66 CATCH BASIN TY C, 3' DIA. W/R - 3067 FR & TY R GR F/L = 647.60 INV = 643.60 SE, 15" RCP 30 LF OF 15" RCP @ 0.67%
10D	STORM MANHOLE NO. 10D STA. 14+10 STORM MANHOLE TY A, 5' DIA. MH W/R - 1713 FR & TY A CL RIM = 650.80 INV = 646.80 NW, 15" RCP INV = 645.80 SE, 18" RCP INV = 643.70 NE & SW, 36" RCP 144 LF OF 36" RCP @ 2.43%
10E	CATCH BASIN NO. 10E STA. 13+98 REMOVE EXISTING CATCH BASIN & REPLACE W TY C /3' DIA. CATCH BASIN W/R - 3067 FR & TY R GR F/L = 650.40 INV = 646.40 NE, 15" RCP 12 LF OF 15" RCP @ 1.67%
10F	CATCH BASIN NO. 10F STA. 14+41 REMOVE EXISTING CATCH BASIN & REPLACE W TY C /3' DIA. CATCH BASIN W/R - 3067 FR & TY R GR F/L = 650.80 INV = 646.80 NE & SW, 15" RCP 31 LF OF 15" RCP @ 1.29%
10G	CATCH BASIN NO. 10G STA. 14+55 CATCH BASIN TY C, 3' DIA. W/R - 3067 FR & TY R GR F/L = 651.00 INV = 647.00 SW, 15" RCP 14 LF OF 15" RCP @ 1.43%
10H	CATCH BASIN NO. 10H STA. 14+10 CATCH BASIN TY C, 3' DIA. W/R - 3067 FR & TY R GR F/L = 650.70 INV = 647.70 SE, 15" RCP 31 LF OF 15" RCP @ 2.90%
10I	STORM MANHOLE NO. 10I STA. 15+16 STORM MANHOLE TY A, 5' DIA. W/R - 1713 FR & TY A CL RIM = 653.00 INV = 649.00 NW & SE, 15" RCP INV = 645.10 NE & SW, 36" RCP 106 LF OF 36" RCP @ 1.32%
10J	CATCH BASIN NO. 10J STA. 15+16 CATCH BASIN TY C, 3' DIA. W/R - 3067 FR & TY R GR F/L = 652.80 INV = 649.10 NW, 15" RCP 6 LF OF 15" RCP @ 1.67%
10K	CATCH BASIN NO. 10K STA. 15+16 CATCH BASIN TY C, 3' DIA. W/R - 3067 FR & TY R GR F/L = 652.80 INV = 649.80 SE, 15" RCP 30 LF OF 15" RCP @ 2.67%
10L	STORM MANHOLE NO. 10L STA. 14+10 STORM MANHOLE TY A, 4' DIA. MH W/R - 1713 FR & TY A CL RIM = 651.00 INV = 646.40 NE, 15" RCP INV = 646.20 SW, 15" RCP INV = 646.50 SE, 12" RCP BRICK & MORTAR INV = 646.00 NW, 18" RCP 10 LF OF 18" RCP @ 2.00%



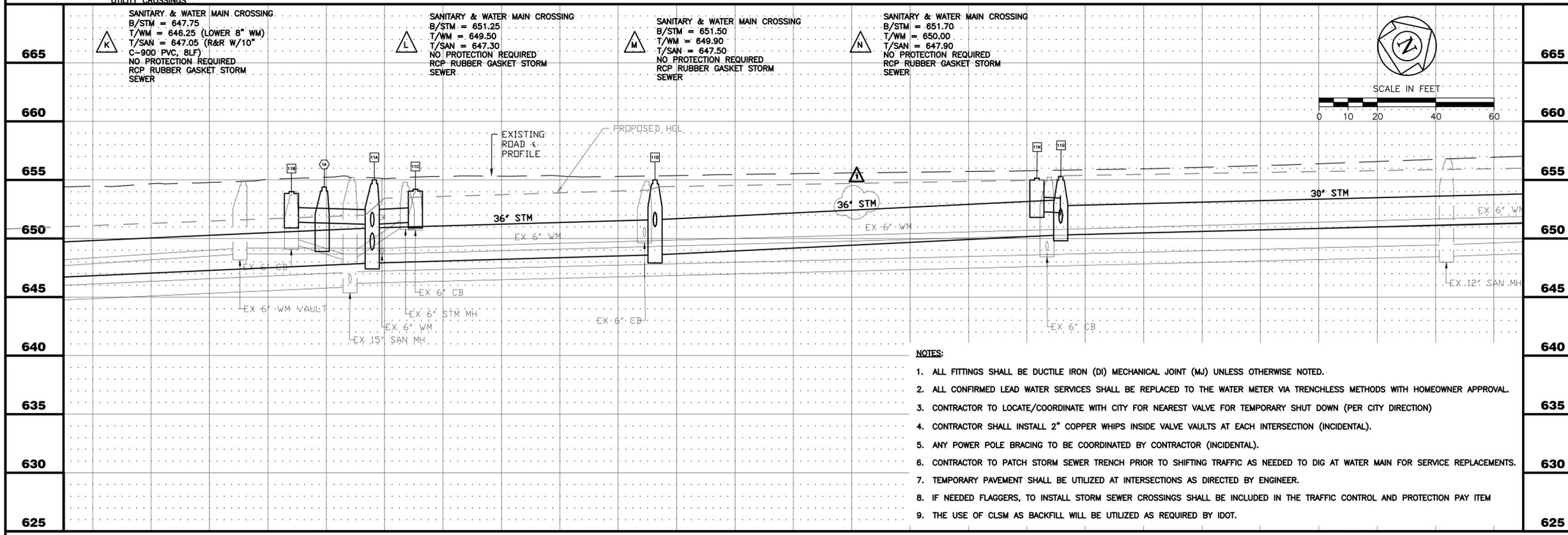
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11+50	12+00	13+00	14+00	15+00	16+00	16+50	
<p>CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505</p>		<p>REVISIONS:</p> <p> CONSTRUCTION ISSUE - 7/7/25</p>	<p>DESIGNED BY: KTM</p> <p>CHECKED BY: KTM</p> <p>SCALE: 1" = 20'</p>	<p>PROJECT</p> <p style="text-align: center; font-weight: bold;">BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE</p>	<p>SHEET NUMBER</p> <p style="font-size: 24px; font-weight: bold;">10</p>		
			<p>DRAWN BY: AHB</p> <p>APPROVED BY: KTM</p> <p>DATE: 2025</p>	<p>SHEET TITLE</p> <p style="font-weight: bold;">PLAN & PROFILE - S BROADWAY - STA. 11+50 TO STA. 16+50</p>			<p>TOTAL SHEETS</p> <p style="font-size: 24px; font-weight: bold;">19</p>



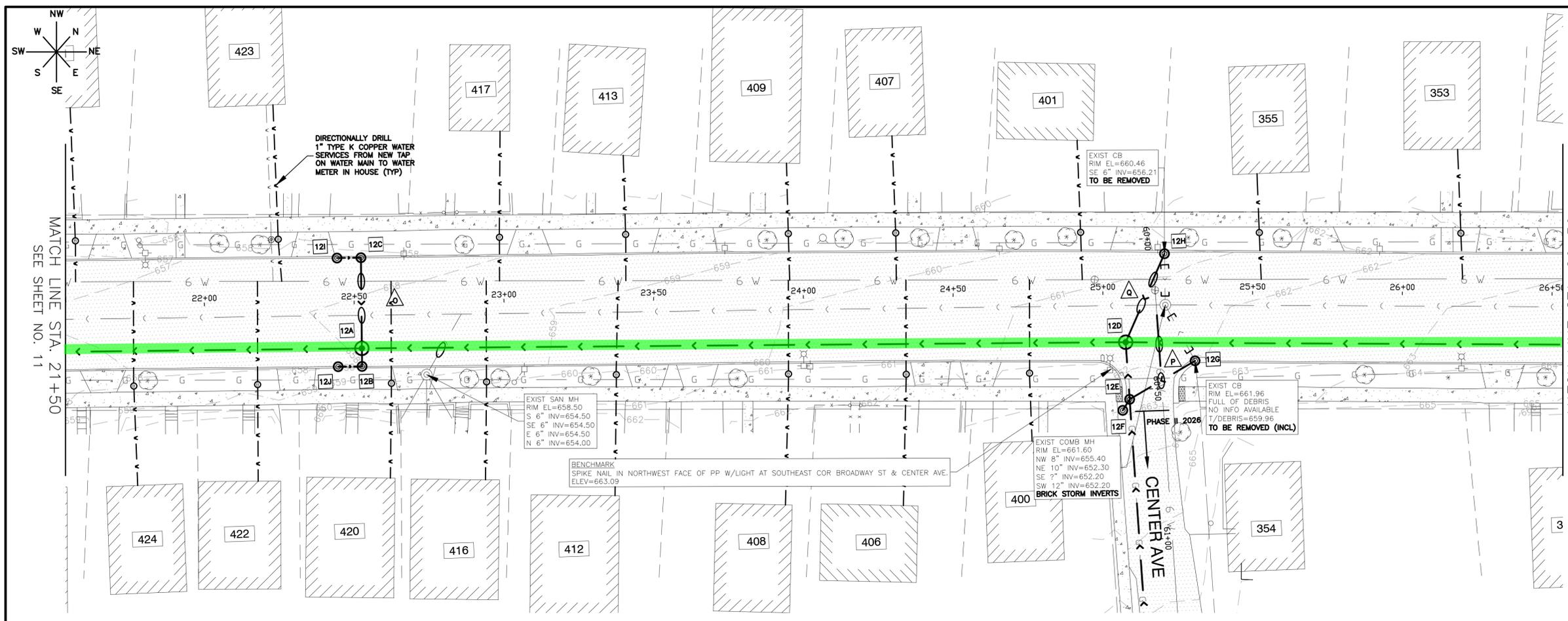
- STORM SEWER STRUCTURES**
- 11A STORM MANHOLE NO. 11A
STA. 17+55
STORM MANHOLE TY A. 5' DIA.
MH W/R - 1713 FR & TY A CL
RIM = 655.00
INV = 651.20 E & S, 15" RCP
INV = 651.00 NW, 15" RCP
INV = 649.00 SE, 18" RCP BRICK & MORTAR
INV = 647.90 NE & SW, 36" RCP
240 LF OF 36" RCP @ 1.17%
 - 11B CATCH BASIN NO. 11B
STA. 17+28
REMOVE CATCH BASIN
REPLACE W/3' DIA. CATCH BASIN
W/R - 3067 FR & TY R GR
F/L = 654.00
INV = 651.40 N, 15" RCP
28 LF OF 15" RCP @ 0.71%
 - 11C CATCH BASIN NO. 11C
STA. 17+70
REMOVE CATCH BASIN
REPLACE W/3' DIA. CATCH BASIN
W/R - 3067 FR & TY R GR
F/L = 654.20
INV = 651.40 W, 15" RCP
17 LF OF 15" RCP @ 1.18%
 - 11D STORM MANHOLE NO. 11D
STA. 18+52
STORM MANHOLE TY A. 5' DIA.
MH W/R - 1713 FR & TY A CL
RIM = 655.00
INV = 651.00 NW & SE, 15" RCP
INV = 648.60 NE, 36" RCP
INV = 648.60 SW, 36" RCP
96 LF OF 36" RCP @ 0.73%
 - 11E CATCH BASIN NO. 11E
STA. 18+52
CATCH BASIN W/3' DIA. CATCH BASIN
W/R - 3067 FR & TY R GR
F/L = 655.20
INV = 651.10 NW, 15" RCP
6 LF OF 15" RCP @ 1.67%
 - 11F CATCH BASIN NO. 11F
STA. 18+51
REMOVE CATCH BASIN
REPLACE W/3' DIA. CATCH BASIN
W/R - 3067 FR & TY R GR
F/L = 655.20
INV = 652.20 SE, 15" RCP
30 LF OF 15" RCP @ 4.00%
 - 11G STORM MANHOLE NO. 11G
STA. 19+91
STORM MANHOLE TY A. 5' DIA.
MH W/R - 1713 FR & TY A CL
RIM = 655.50
INV = 651.30 NW & SE, 15" RCP
INV = 649.60 NE, 30" RCP
INV = 649.60 SW, 36" RCP
139 LF OF 36" RCP @ 0.72%
 - 11H CATCH BASIN NO. 11H
STA. 19+91
CATCH BASIN W/3' DIA. CATCH BASIN
W/R - 3067 FR & TY R GR
F/L = 655.20
INV = 651.40 NW, 15" RCP
6 LF OF 15" RCP @ 1.67%
 - 11I CATCH BASIN NO. 11I
STA. 19+91
REMOVE CATCH BASIN
REPLACE W/3' DIA. CATCH BASIN
W/R - 3067 FR & TY R GR
F/L = 655.20
INV = 652.20 SE, 15" RCP
30 LF OF 15" RCP @ 3.00%
 - 11J CATCH BASIN NO. 11J
STA. 17+56
CATCH BASIN W/3' DIA. CATCH BASIN
W/R - 3067 FR & TY R GR
F/L = 655.00
INV = 652.00 SE, 15" RCP
30 LF OF 15" RCP @ 3.33%
 - 11K CATCH BASIN NO. 11K
STA. 19+83
CATCH BASIN 3' DIA. TY C
W/R - 3067-L FR & GR
F/L = 655.15
INV = 652.30 NE, 15" RCP
8 LF OF 15" RCP @ 1.25%
 - 11L CATCH BASIN NO. 11L
STA. 19+83
CATCH BASIN 3' DIA. TY C
W/R - 3067-L FR & GR
F/L = 655.15
INV = 651.50 NE, 15" RCP
8 LF OF 15" RCP @ 1.25%



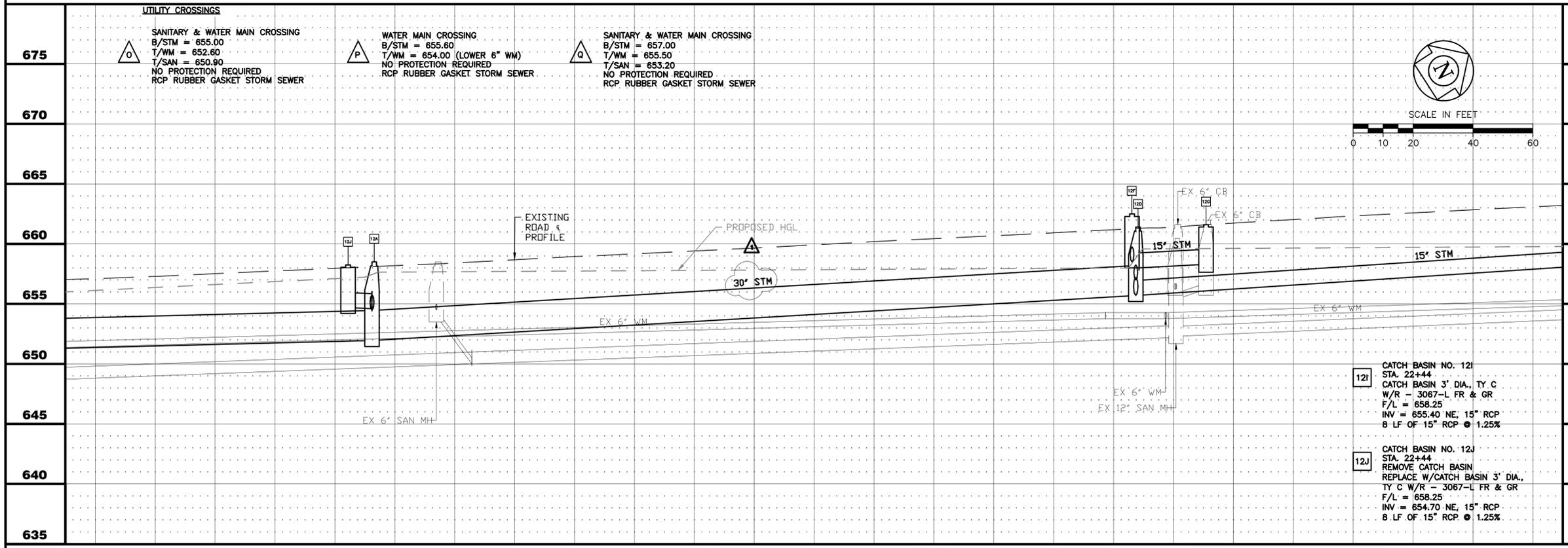
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16+50	17+00	18+00	19+00	20+00	21+00	21+50	
CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505		REVISIONS: 1 CONSTRUCTION ISSUE - 7/7/25	DESIGNED BY: KTM CHECKED BY: KTM DRAWN BY: AHB APPROVED BY: KTM	SCALE: 1" = 20' DATE: 2025	PROJECT BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE SHEET TITLE PLAN & PROFILE - S BROADWAY - STA. 16+50 TO STA. 21+50		SHEET NUMBER 11 TOTAL SHEETS 19

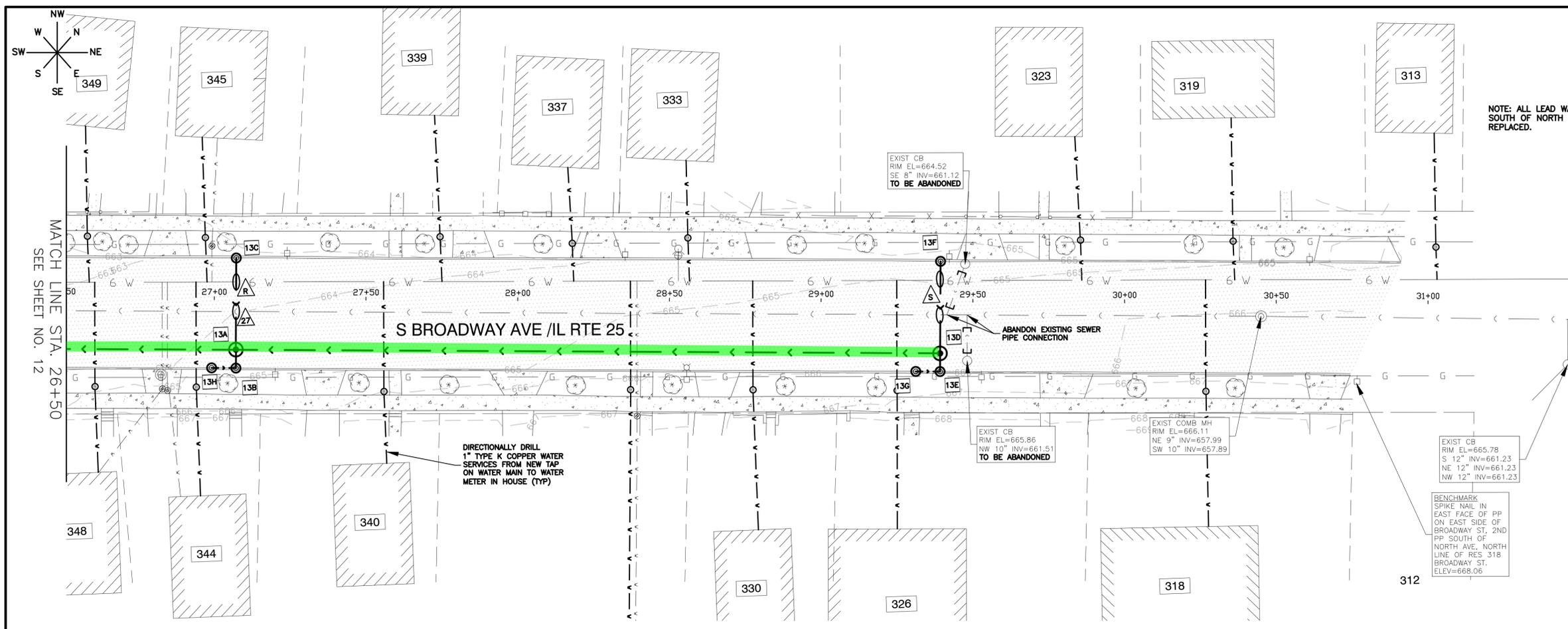


- STORM SEWER STRUCTURES**
- 12A** STORM MANHOLE NO. 12A
 STA. 22+52
 STORM MANHOLE TY A, 5' DIA.
 MH W/R - 1713 FR & TY A CL
 RIM = 658.50
 INV = 654.50 WN, 15" RCP
 INV = 654.50 SE, 15" RCP
 INV = 652.25 SW, 30" RCP
 261 LF OF 30" RCP @ 1.02%
 - 12B** CATCH BASIN NO. 12B
 STA. 22+52
 CATCH BASIN, 3' DIA. TY C
 W/R - 3067 FR & TY R GR
 F/L = 658.30
 INV = 654.60 NW, 15" RCP
 6 LF OF 15" RCP @ 1.67%
 - 12C** CATCH BASIN NO. 12C
 STA. 22+52
 CATCH BASIN, 3' DIA. TY C
 W/R - 3067 FR & TY R GR
 F/L = 658.30
 INV = 655.30 SE, 15" RCP
 30 LF OF 15" RCP @ 2.67%
 - 12D** STORM MANHOLE NO. 12D
 STA. 25+07
 STORM MANHOLE TY A, 5' DIA.
 MH W/R - 1713 FR & TY A CL
 RIM = 661.40
 INV = 657.00 NW, 15" RCP
 INV = 655.70 NE, 15" RCP
 INV = 655.70 SE, 18" RCP
 INV = 654.80 SW, 30" RCP
 250 LF OF 30" RCP @ 1.02%
 - 12E** STORM MANHOLE NO. 12E
 STA. 25+08
 STORM MANHOLE TY A, 4' DIA.
 MH W/R - 1713 FR & TY A CL
 RIM = 662.20
 INV = 658.00 N, 15" RCP
 INV = 658.30 S, 15" RCP
 INV = 656.60 SE, 15" RCP BRICK & MORTAR
 INV = 656.60 NW, 18" RCP
 19 LF OF 18" RCP @ 4.74%
 - 12F** CATCH BASIN NO. 12F
 STA. 25+06
 REMOVE CATCH BASIN
 REPLACE W/2' DIA. CATCH BASIN
 W/R - R4340-B GR
 F/L = 662.50
 INV = 658.50 N, 15" RCP
 6 LF OF 15" RCP @ 3.33%
 - 12G** CATCH BASIN NO. 12G
 STA. 25+30
 CATCH BASIN 3' DIA. TY C
 W/R - 3067-L FR & GR
 F/L = 661.60
 INV = 658.30 S, 15" RCP
 25 LF OF 15" RCP @ 1.20%
 - 12H** CATCH BASIN NO. 12H
 STA. 25+20
 CATCH BASIN 3' DIA. TY C
 W/R - 3067-L FR & GR
 F/L = 660.50
 INV = 657.30 S, 15" RCP
 25 LF OF 15" RCP @ 0.94%



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21+50	22+00	23+00	24+00	25+00	26+00	26+50
		REVISIONS: 1 CONSTRUCTION ISSUE - 7/7/25		PROJECT: BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE		SHEET NUMBER: 12
CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505		DESIGNED BY: KTM CHECKED BY: KTM SCALE: 1" = 20' DRAWN BY: AHB APPROVED BY: KTM DATE: 2025		SHEET TITLE: PLAN & PROFILE - S BROADWAY - STA. 21+50 TO STA. 26+50		TOTAL SHEETS: 19



- STORM SEWER STRUCTURES**
- 13A** STORM MANHOLE NO. 13A
STA. 27+07
REPLACE W/3' DIA. CATCH BASIN
W/R - 3067 FR & TY A CL
RIM = 663.30
INV = 659.40 NW, 15" RCP
INV = 659.10 SE, 15" RCP
INV = 659.00 NE & SW, 15" RCP
200 LF OF 15" RCP @ 1.65%
 - 13B** CATCH BASIN NO. 13B
STA. 27+07
REMOVE CATCH BASIN
REPLACE W/3' DIA. CATCH BASIN
W/R - 3067 FR & TY R GR
F/L = 663.30
INV = 659.30 NW, 15" RCP
6 LF OF 15" RCP @ 3.33%
 - 13C** CATCH BASIN NO. 13C
STA. 27+07
REMOVE CATCH BASIN
REPLACE W/3' DIA. CATCH BASIN
W/R - 3067 FR & TY R GR
F/L = 663.30
INV = 660.30 SE, 15" RCP
30 LF OF 15" RCP @ 3.00%
 - 13D** STORM MANHOLE NO. 13D
STA. 29+39
STORM MANHOLE TY A, 4' DIA.
MH W/R - 1713 FR & TY A CL
RIM = 664.70
INV = 660.70 NW & SE, 15" RCP
INV = 660.20 SW, 15" RCP
232 LF OF 15" RCP @ 0.52%
 - 13E** CATCH BASIN NO. 13E
STA. 29+39
CATCH BASIN 3' DIA., TY C
W/R - 3067-L FR & GR
F/L = 664.60
INV = 660.80 NW, 15" RCP
6 LF OF 15" RCP @ 1.67%
 - 13F** CATCH BASIN NO. 13F
STA. 29+39
REMOVE CATCH BASIN
REPLACE W/2' DIA. CATCH BASIN
W/R - 3067 FR & TY R GR
F/L = 664.60
INV = 661.60 SE, 15" RCP
30 LF OF 15" RCP @ 3.00%
 - 13G** CATCH BASIN NO. 13G
STA. 29+31
CATCH BASIN 3' DIA., TY C
W/R - 3067-L FR & GR
F/L = 664.55
INV = 660.90 N, 15" RCP
8 LF OF 15" RCP @ 1.25%
 - 13H** CATCH BASIN NO. 13H
STA. 26+99
CATCH BASIN 3' DIA., TY C
W/R - 3067-L FR & GR
F/L = 663.25
INV = 659.40 N, 15" RCP
8 LF OF 15" RCP @ 1.25%

NOTE: ALL LEAD WATER SERVICES SOUTH OF NORTH AVENUE TO BE REPLACED.

DIRECTIONALLY DRILL 1" TYPE K COPPER WATER SERVICES FROM NEW TAP ON WATER MAIN TO WATER METER IN HOUSE (TYP)

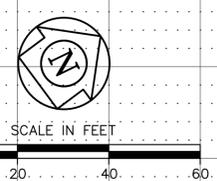
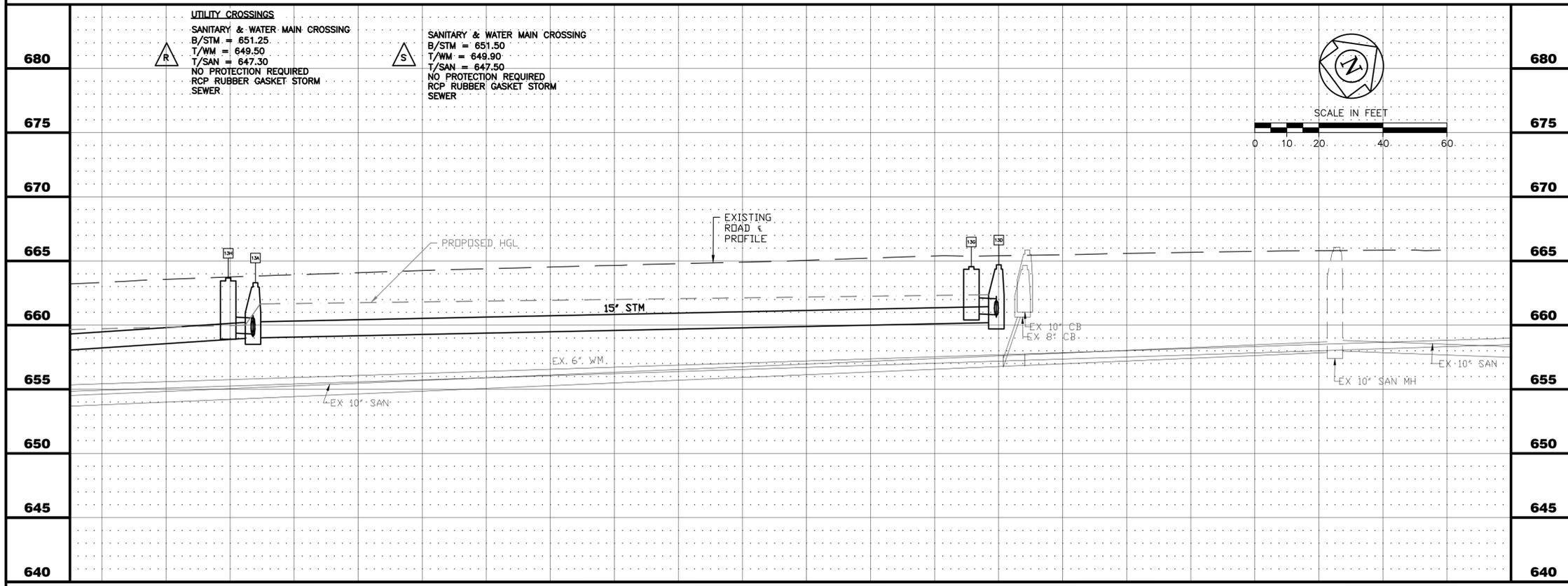
EXIST CB RIM EL=664.52 SF 9" INV=661.12 TO BE ABANDONED

ABANDON EXISTING SEWER PIPE CONNECTION

EXIST CB RIM EL=665.86 NW 10" INV=661.51 TO BE ABANDONED

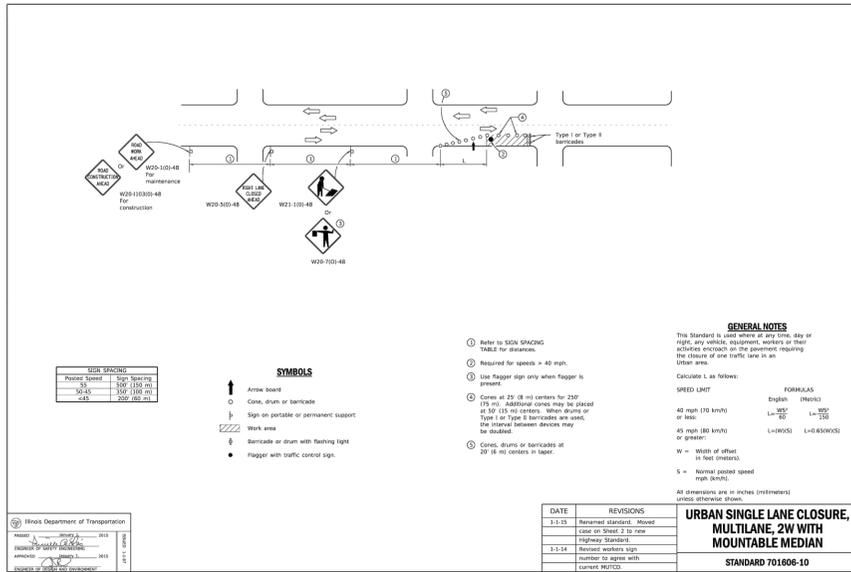
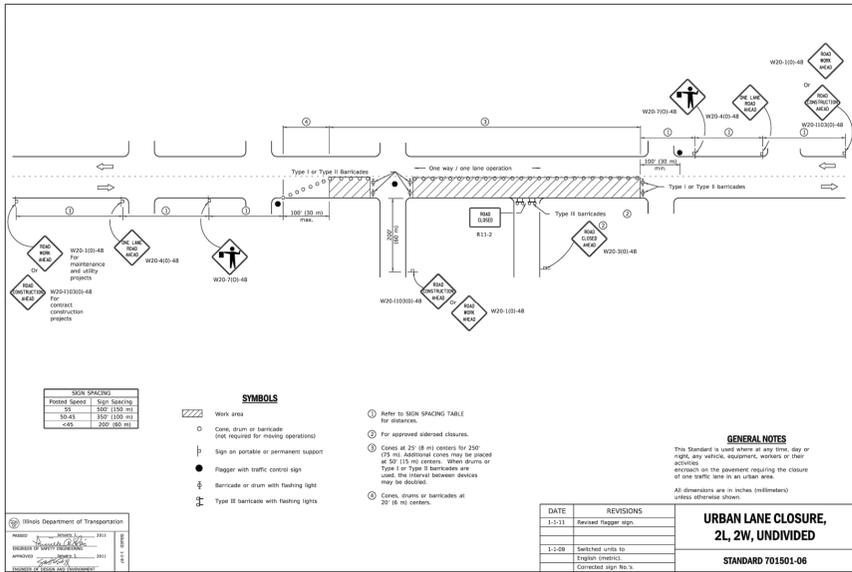
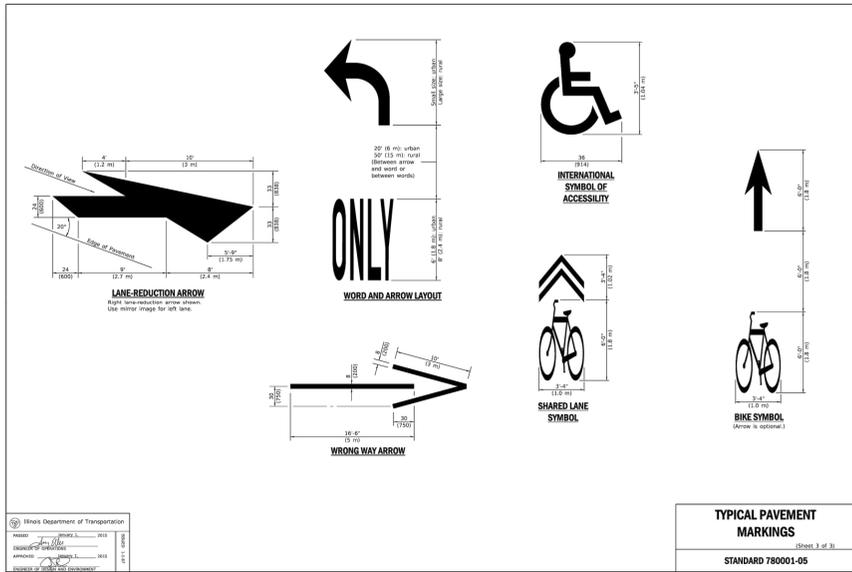
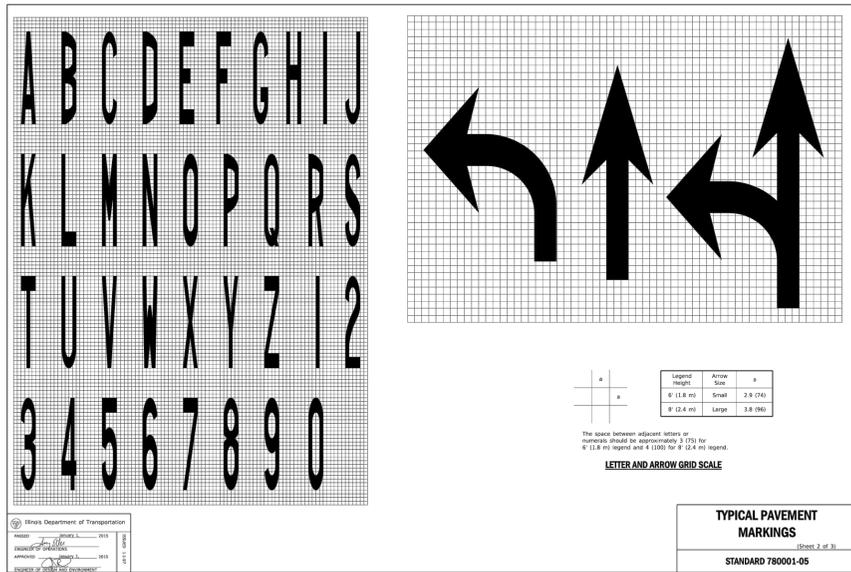
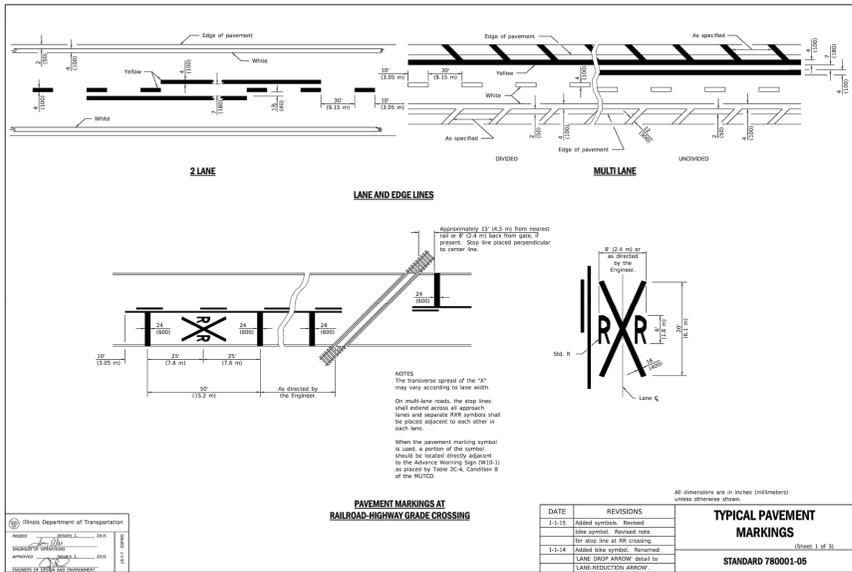
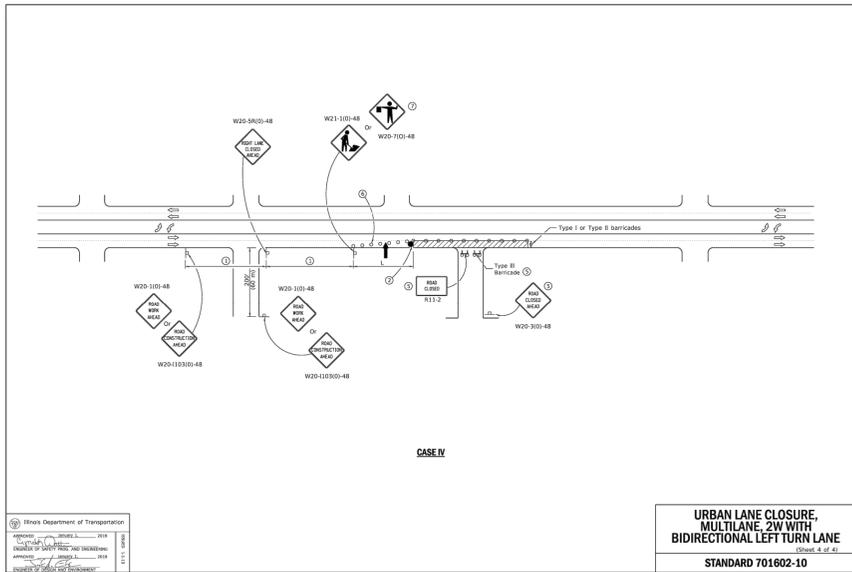
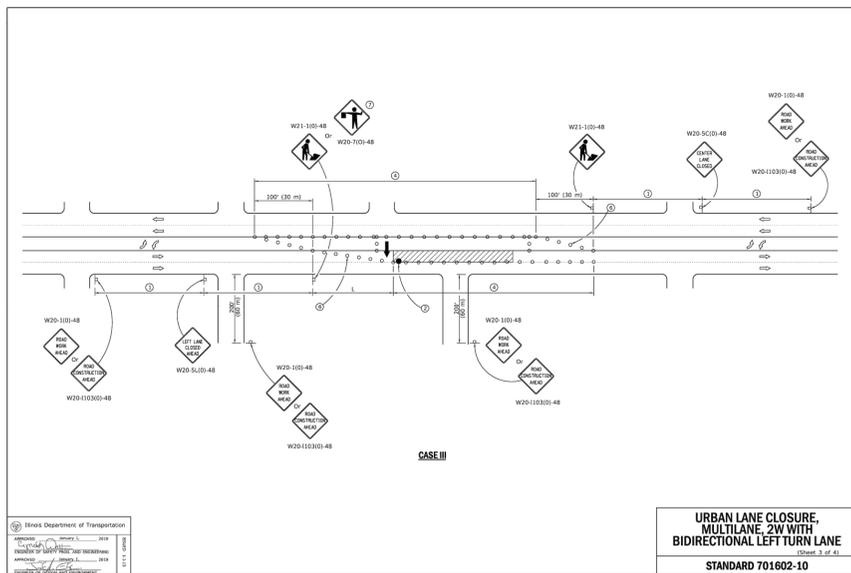
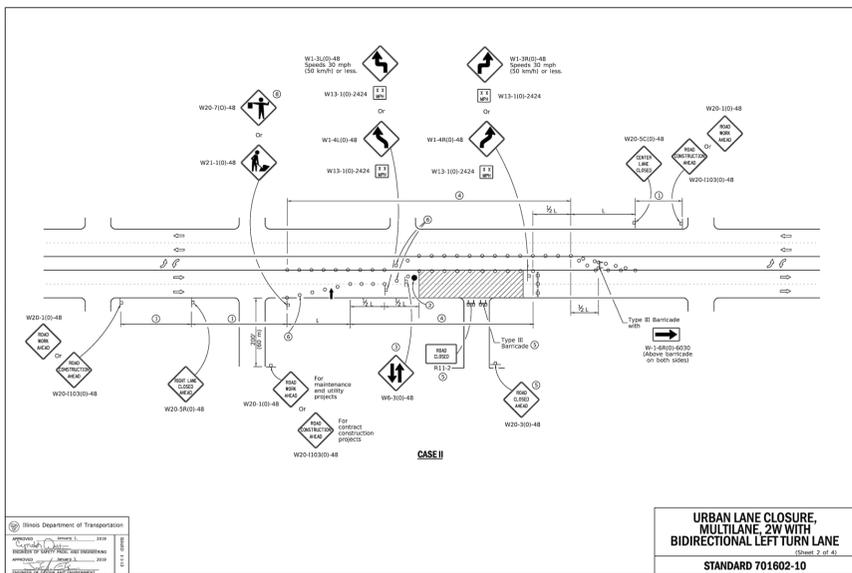
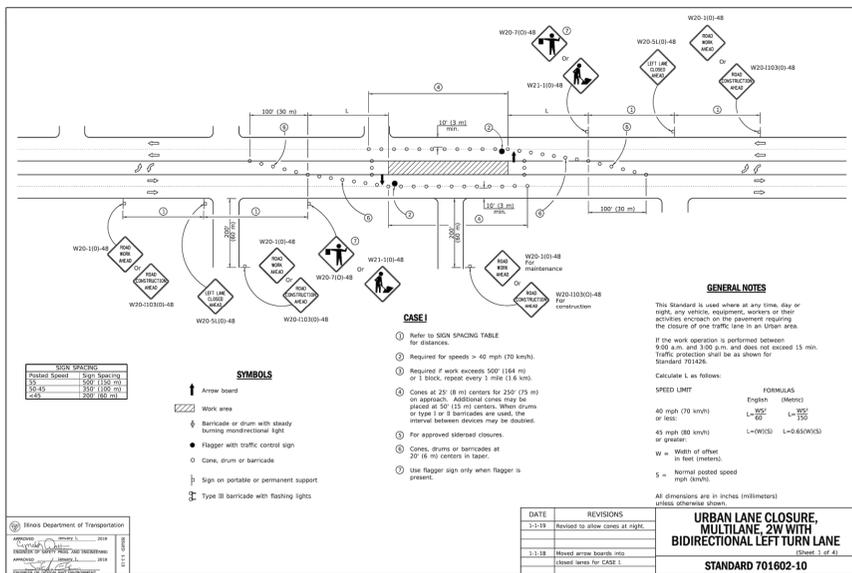
EXIST COMB MH RIM EL=666.11 NE 9" INV=657.99 SW 10" INV=657.89

EXIST CB RIM EL=665.78 S 12" INV=661.23 NE 12" INV=661.23 NW 12" INV=661.23
BENCHMARK SPIKE NAIL IN EAST FACE OF PP ON EAST SIDE OF BROADWAY ST, 2ND PP SOUTH OF NORTH AVE, NORTH LINE OF RES 318 BROADWAY ST. ELEV=668.06



- NOTES:**
1. ALL FITTINGS SHALL BE DUCTILE IRON (DI) MECHANICAL JOINT (MJ) UNLESS OTHERWISE NOTED.
 2. ALL CONFIRMED LEAD WATER SERVICES SHALL BE REPLACED TO THE WATER METER VIA TRENCHLESS METHODS WITH HOMEOWNER APPROVAL.
 3. CONTRACTOR TO LOCATE/COORDINATE WITH CITY FOR NEAREST VALVE FOR TEMPORARY SHUT DOWN (PER CITY DIRECTION)
 4. CONTRACTOR SHALL INSTALL 2" COPPER WHIPS INSIDE VALVE VAULTS AT EACH INTERSECTION (INCIDENTAL).
 5. ANY POWER POLE BRACING TO BE COORDINATED BY CONTRACTOR (INCIDENTAL).
 6. CONTRACTOR TO PATCH STORM SEWER TRENCH PRIOR TO SHIFTING TRAFFIC AS NEEDED TO DIG AT WATER MAIN FOR SERVICE REPLACEMENTS.
 7. TEMPORARY PAVEMENT SHALL BE UTILIZED AT INTERSECTIONS AS DIRECTED BY ENGINEER.
 8. IF NEEDED FLAGGERS, TO INSTALL STORM SEWER CROSSINGS SHALL BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION PAY ITEM
 9. THE USE OF CLSM AS BACKFILL WILL BE UTILIZED AS REQUIRED BY IDOT.

26+50	27+00	28+00	29+00	30+00	31+00
CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505		REVISIONS:	DESIGNED BY: KTM CHECKED BY: KTM SCALE: 1" = 20' DRAWN BY: AHB APPROVED BY: KTM DATE: 2025	PROJECT BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE SHEET TITLE PLAN & PROFILE - S BROADWAY - STA. 26+50 TO STA. 31+00	SHEET NUMBER 13 TOTAL SHEETS 19



PLOT DATE: 7/16/2025 12:29 PM | LAST SAVED BY: HemandeGA | FILEPATH: P:\ENGINEERING\CAPITAL IMPROVEMENT PROJECTS\2024 SEWER SEPARATION\BROADWAY SOUTH OF NORTH AVE\FINAL DRAWINGS\STANDARD DETAILS - BROADWAY SEWER SEPARATION SOUTH OF NORTH AVE.DWG

CAST FRAME

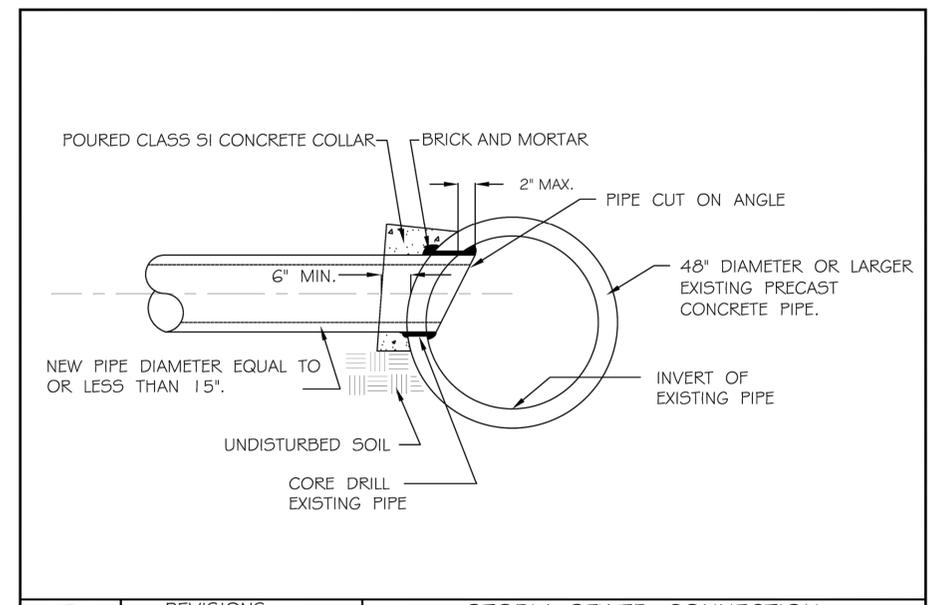
NOTES:
 1. DUCTILE IRON CASTINGS SHALL BE GRADE 60-40-18 AND SHALL BE TESTED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS.
 2. ALL LIDS AND COVERS SHALL BE MAJORED.
 3. THE MANHOLE COVER SHALL HAVE RAISED LETTERS.
 4. FRAME AND LID TO BE METANAH 8-1713-B.
 5. LID SHALL BE CAST WITH THE WORDS "CITY OF AURORA".
 6. LID SHALL HAVE A CONCEALED PICK HOLE.

ALL JOINTS BETWEEN PRECAST ELEMENTS, MANHOLE FRAMES AND LIDS ON ALL UNDERGROUND STRUCTURES, SHALL BE SET IN PLACE WITH ONE OF THE FOLLOWING: BUTYL RUBBER JOINT SEALANTS AS MANUFACTURED BY CONCRETE PRODUCTS SUPPLY CO. OR SIM. SIM. HAMILTON GASKET CO. JOINT SEAL OR EQUAL AS APPROVED BY THE CITY ENGINEER, AND ALL JOINTS TO BE TIGHTENED WITH ANTI-HYDRAULIC CHEMIST.

REFER TO THE STANDARD SPECIFICATIONS FOR IMPROVEMENTS FOR VALVE, VAULT, CORPORATION, PIPE, AND JOINT TYPES, MANUFACTURES, AND SIZES.

NOTES:
 1. VALVE VAULTS TO BE PRECAST REINFORCED CONCRETE UNLESS OTHERWISE APPROVED.
 2. PRO-RING AND ADHESIVE SEALANT (BY CRETEX) OR APPROVED EQUAL ADJUSTMENT RINGS SHALL BE USED FOR ALL ADJUSTMENTS UP TO A MAXIMUM ADJUSTMENT OF TEN INCHES (10").

REVISIONS		VALVE IN VAULT	
DATE	BY	SCALE	CHECKED
02/26/20	DGoewey	NOT TO SCALE	DF
02/04/22	Camm	DATE	DRAWING NUMBER
		1/04	EXHIBIT III-C-4
ENGINEERING		DRAWN: NM	



REVISIONS		STORM SEWER CONNECTION TO EXISTING PIPE	
DATE	BY	SCALE	CHECKED
02/26/20	DGoewey	NOT TO SCALE	DF
		DATE	DRAWING NUMBER
		10 / 2007	EXHIBIT III-A-G
ENGINEERING		DRAWN: jhs	

- CA-7 SHALL BE PLACED 4" BELOW PIPE.
- CA-6 SHALL BE PLACED 1' OVER T.O.P.
- CONTROLLED LOW-STRENGTH MATERIAL (CLSM) I.D.O.T. APPROVED MIX WHEN REQUIRED BY CITY ENGINEER.
- CA-6 OR APPROVED TRENCH BACKFILL. FOR NON-PAVED AREAS: SELECT EXCAVATED MATERIAL MAY BE SUBSTITUTED FOR CA-6 AS DIRECTED BY THE ENGINEER.
- MAXIMUM TRENCH WIDTH IN ACCORDANCE WITH SECTION 20-4.05 - STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS CURRENT EDITION

REVISIONS		WATER TRENCH DETAIL PAVED & UNPAVED	
DATE	BY	SCALE	CHECKED
04-7-10	DGoewey	NOT TO SCALE	LA
		DATE	DRAWING NUMBER
		1/04	EXHIBIT III-C-1
ENGINEERING		DRAWN: DG	

MANHOLE DIAMETER	
OUTLET SEWER DIA.	D T
21" AND UNDER	4'-0" 5'
24" THRU 42" INCLUSIVE	5'-0" 6'
48"	6'-0" 7'
60"	9'-0" 9'
60"	10'-0" 9 1/2"

REVISIONS		STORM MANHOLE, TYPE A DETAIL	
DATE	BY	SCALE	CHECKED
01/20/11	jhs	NOT TO SCALE	DF
01/20/14	dlg	DATE	DRAWING NUMBER
		1/04	EXHIBIT III-A-3
ENGINEERING		DRAWN: NM	

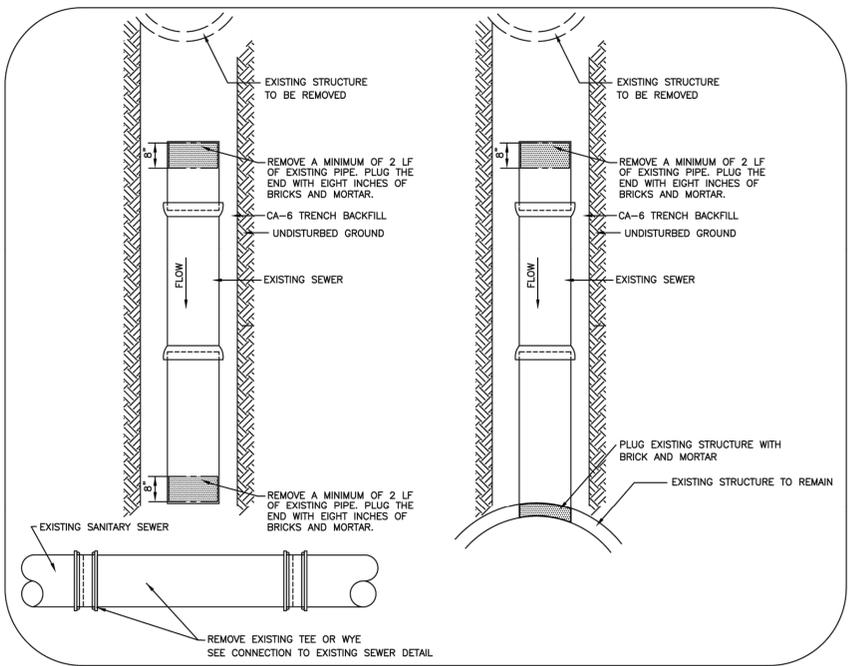
- CONTROLLED LOW-STRENGTH MATERIAL (CLSM) I.D.O.T. APPROVED MIX WHEN REQUIRED BY CITY ENGINEER.
- ALL CLSM INSTALLATIONS REQUIRE CA-7 PLACEMENT TO 1' OVER T.O.P.
- RIGID PIPE: CA-7 SHALL BE PLACED FROM 4" BELOW PIPE TO THE SPRING LINE. FLEXIBLE PIPE: CA-7 SHALL BE PLACED FROM 4" BELOW PIPE TO 1' OVER T.O.P.
- MAXIMUM TRENCH WIDTH IN ACCORDANCE WITH SECTION 20-4.05
- CA-6 OR APPROVED TRENCH BACKFILL. FOR NON-PAVED AREAS: SELECT EXCAVATED MATERIAL MAY BE SUBSTITUTED FOR CA-6 AS DIRECTED BY THE ENGINEER.

REVISIONS		SEWER TRENCH DETAIL PAVED & UNPAVED	
DATE	BY	SCALE	CHECKED
01-24-13	DG	NOT TO SCALE	LA
		DATE	DRAWING NUMBER
		1/04	EXHIBIT III-A-1
ENGINEERING		DRAWN: DG	

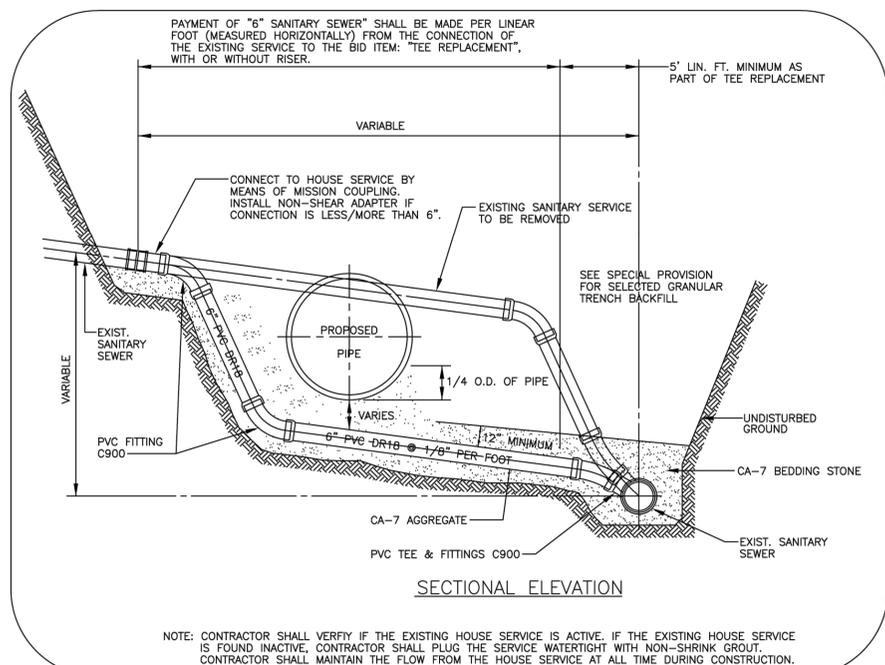
REVISIONS		STORM INLET, TYPE A DETAIL	
DATE	BY	SCALE	CHECKED
01/20/11	jhs	NOT TO SCALE	DF
		DATE	DRAWING NUMBER
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ENGINEERING		DRAWN: NM	

PLOT DATE: 7/16/2025 1:00 PM LAST SAVED BY: HernandezA FILEPATH: P:\ENGINEERING\CAPITAL IMPROVEMENT PROJECTS\2024 SEWER SEPARATION\BROADWAY SOUTH OF NORTH AVE\FINAL DRAWING\STANDARD DETAILS - BROADWAY SEWER SEPARATION SOUTH OF NORTH AVE.DWG

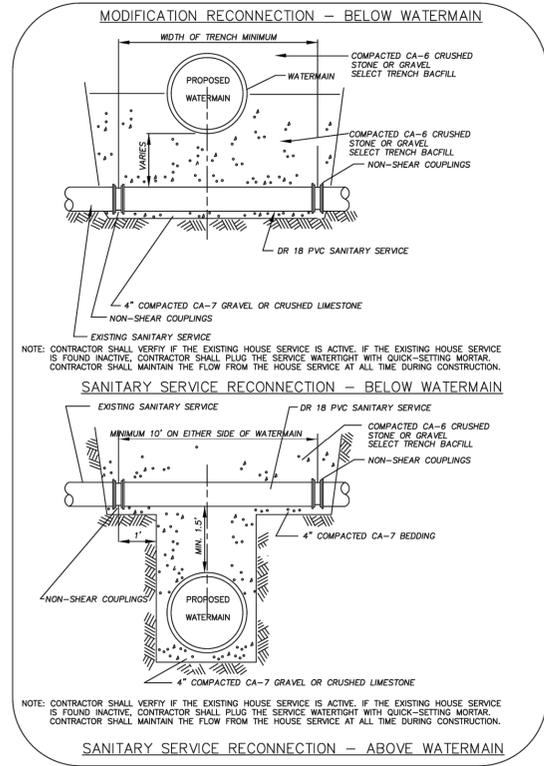
CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505	REVISIONS:	PROJECT: BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE	SHEET NUMBER: 16
		SHEET TITLE: STANDARD DETAILS	TOTAL SHEETS: 19



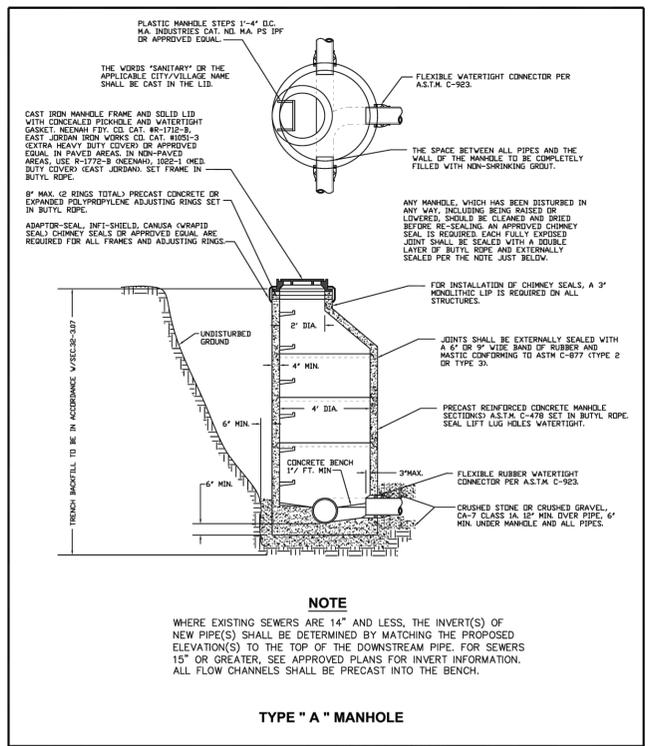
PLUG AND ABANDON EXISTING CONNECTIONS



SANITARY SERVICE RESTORATION



SANITARY SERVICE RECONNECTIONS



INSERTA TEE® INSTALLATION INSTRUCTIONS

U.S. Pat. No. 4,365,829 Canadian Pat. No. 1,171,114

Use Standard Hole Saw for PVC (solidwall, profile and closed profile) and corrugated polyethylene mainlines.

Use Poly Hole Saw for solidwall polyethylene mainlines.

Use Diamond Core Bits for concrete, clay, ductile iron and fiberglass mainlines.

Tools required:

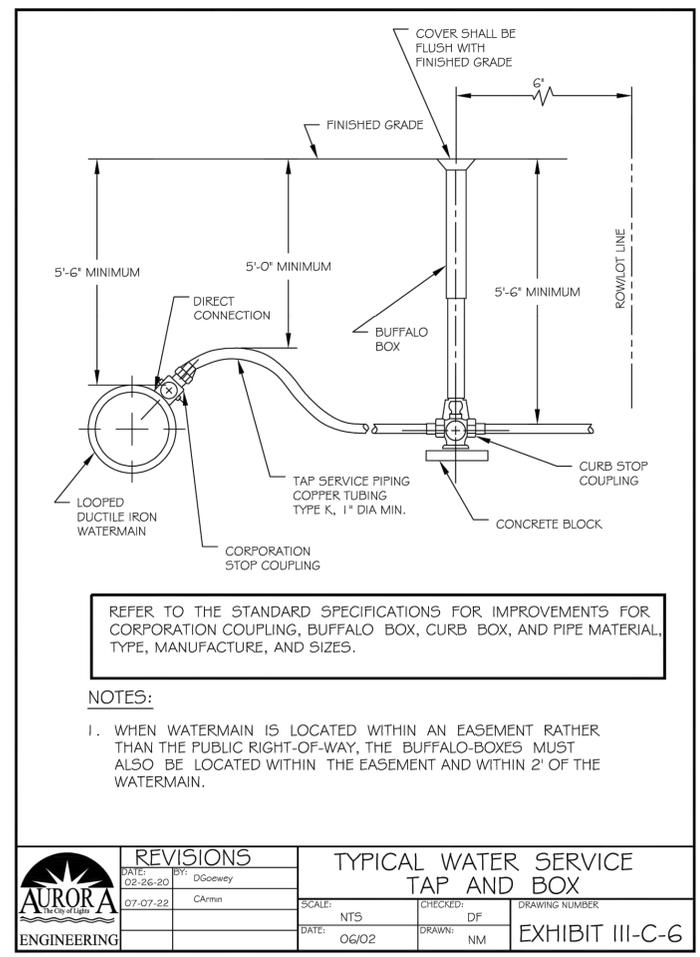
- Hand-held drill with hole saws recommended for 4", 6" & 8" INSERTA TEES. Tie down Coring Machine recommended for 10", 12" and 15" INSERTA TEES and ALL diamond bits.
- Bits
- 8 lb. (3.6 kg) hammer and 2" (50mm) x 4" (100mm) board. 4" (100mm) x 4" (100mm) on 15"
- Bottle of INSERTA TEE solution - 16oz or 8oz supplied with order. (16oz of water to 1 tablespoon of liquid soap)

INSERTA TEE SIZE	HOLE DIAMETER
4" (100 mm)	4 1/2" (112.5 mm)
6" (150 mm)	6 1/2" (162.5 mm)
8" (200 mm)	8 3/4" (218.8 mm)
10" (250 mm)	10 7/8" (271.9 mm)
12" (300 mm)	12 7/8" (321.8 mm)
15" (375 mm)	15 15/16" (401.6 mm)
16" & 18"	19 3/16" (487.17 mm)

INSTALLATION PROCEDURE:

- See Bit Diameters listed above. Make sure bit is perpendicular to mainline. Core proper size hole. Feel inside hole and clear any remaining material.
- Insert the rubber sleeve into the cored hole with the GOLD VERTICAL LINE ON THE RUBBER SLEEVE facing to the side of the mainline. The upper segment should be on top of the wall or rib and the lower segment should be on the inside of the pipe. Feel inside to be sure lower segment is flat against the inside wall.
- Apply the INSERTA TEE solution supplied to the inside of the rubber sleeve and to the outside of the PVC hub adapter's spigot. **WARNING:** Using pipe lube may result in hub adapter popping out!
- Place the PVC hub adapter into the rubber sleeve. Make sure that the RED VERTICAL LINE ON THE PVC HUB ADAPTER IS IN LINE WITH THE GOLD VERTICAL LINE ON THE RUBBER SLEEVE. Push hub adapter in as far as possible by hand. Make sure hub adapter is perpendicular to mainline. Forcing hub adapter through at any angle may cause damage to rubber sleeve or hub adapter.
- Place the 2 x 4 board onto the top of the PVC, hub adapter.
- The RED HORIZONTAL LINE AT THE TOP OF THE HUB ADAPTER is the **depth mark**. This tells the installer just how far to drive the adapter into the rubber sleeve. Using the board and hammer, drive the PVC hub adapter into the rubber sleeve where the HORIZONTAL RED LINE ON THE PVC HUB ADAPTER MEETS THE TOP OF THE RUBBER SLEEVE.
- Place the stainless band around the top of the rubber sleeve and tighten down.
- Install side service pipe in normal manner.

*** Do not install below spring line.**
*** CIP & FIP Installations - remove clay/concrete from area where connection is to occur.**
Next go to "Installation Procedure."



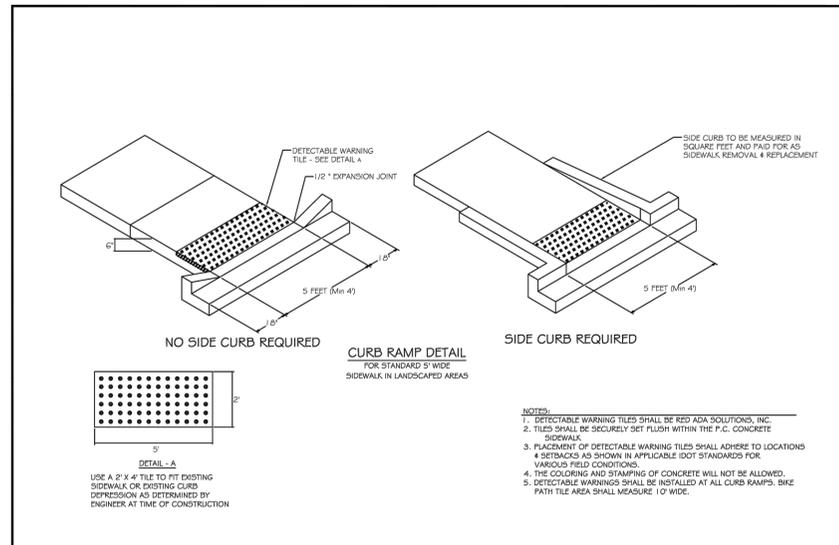
- CURB AND GUTTER GENERAL NOTES:**
- Contraction joints shall be placed ten (10) feet on centers and shall be saw cut to a minimum depth of two (2) inches from front to back within twenty four (24) hours of concrete placement.
 - The concrete material, curing, protection, and placement for all curb, combination curb and gutter or, depressed curb and gutter shall meet the requirements of Articles 606, 1020, 1021, 1022, and 1023 of the State of Illinois "Standard Specifications for Road and Bridge Construction", latest edition. Membrane curing and concrete sealing shall be accompanied by W.R. Meadows CS-309 Cure and Seal or approved equal like Okon S-20. If the forecast indicates temperatures below 32° F, protection methods shall be installed in accordance with the Standard Specifications for Road and Bridge Construction and shall be approved by the City Engineer.
 - The minimum longitudinal curb slope shall be 0.40%.
 - Cuts into the existing curb shall be made full depth with full expansion joints drilled at each per Exhibit II-C-12 herein.

REVISIONS		CURB AND GUTTER GENERAL NOTES	
DATE:	BY:	SCALE:	CHECKED:
01/20/13	JMo	NTS	DF
DATE:	BY:	SCALE:	CHECKED:
02/20/13	DG	NTS	DF
DRAWING NUMBER		DRAWING NUMBER	
EXHIBIT II-C-5		EXHIBIT II-C-5	

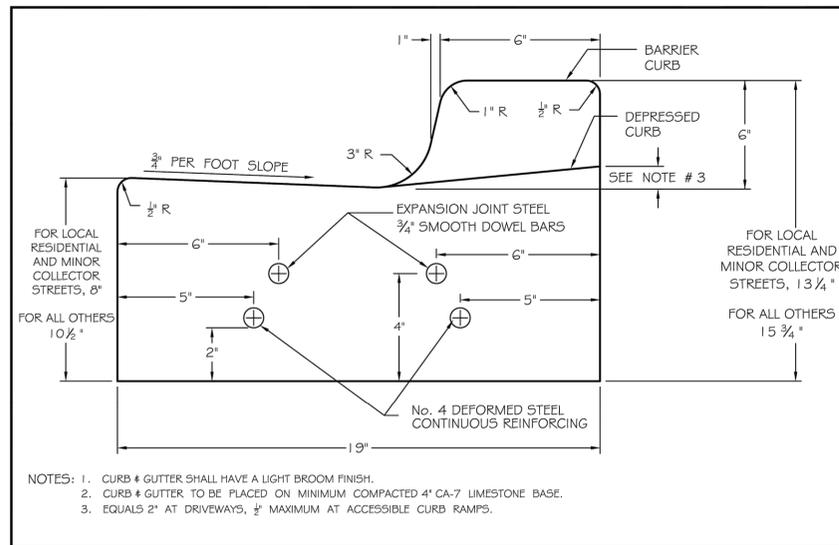
DESIGNED	FMWRD	REVISION	2023
DRAWN	KZ	Misc. Note Revisions	
APPROVED	KZ, MF	"NOTE" Revision-determine inv.	03/09/17
DATE	05-12-00	J Expanded Polypropylene adj. rings	01/24/2001
SCALE	NTS		
SHEET	1	CAD DWG.	REVISION
OF	1	JOB NO.	

REVISIONS:		
DESIGNED BY:	KM	CHECKED BY: KM
DRAWN BY:	MH	APPROVED BY: KM
SCALE:	N.T.S.	DATE: 5/2024

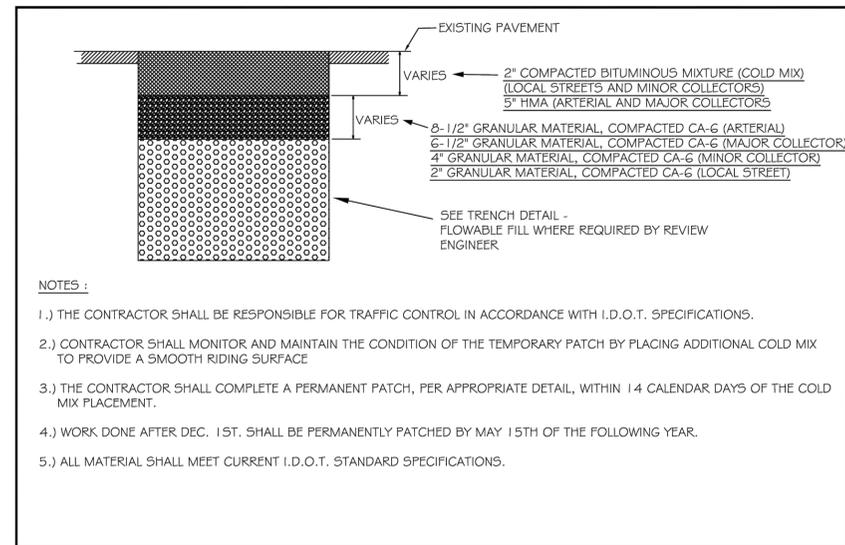
PROJECT		SHEET NUMBER	
BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE		17	
SHEET TITLE		TOTAL SHEETS	
STANDARD DETAILS		19	



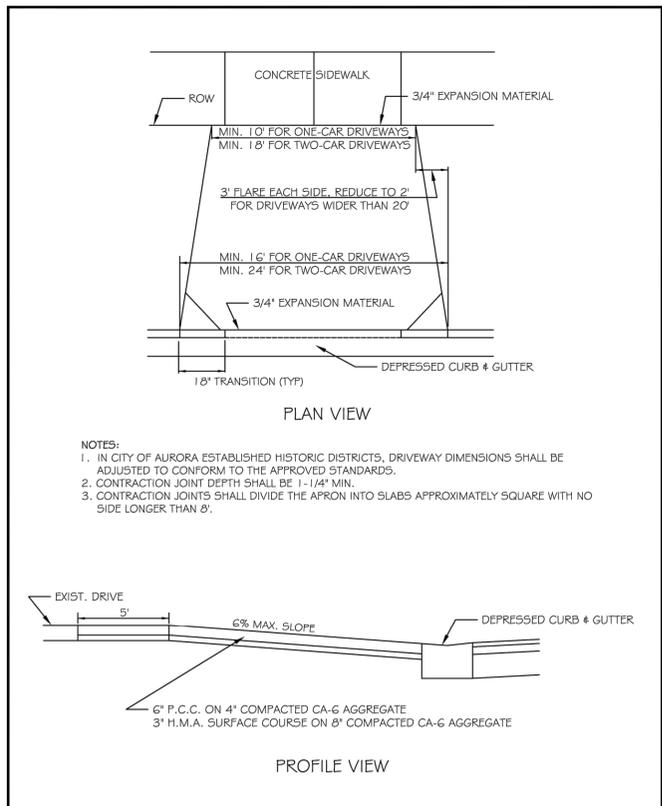
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	DATE: 02-26-20	BY: DG	SCALE: NOT TO SCALE	CHECKED: CL	
	DATE: 1/04	DRAWN: DG			



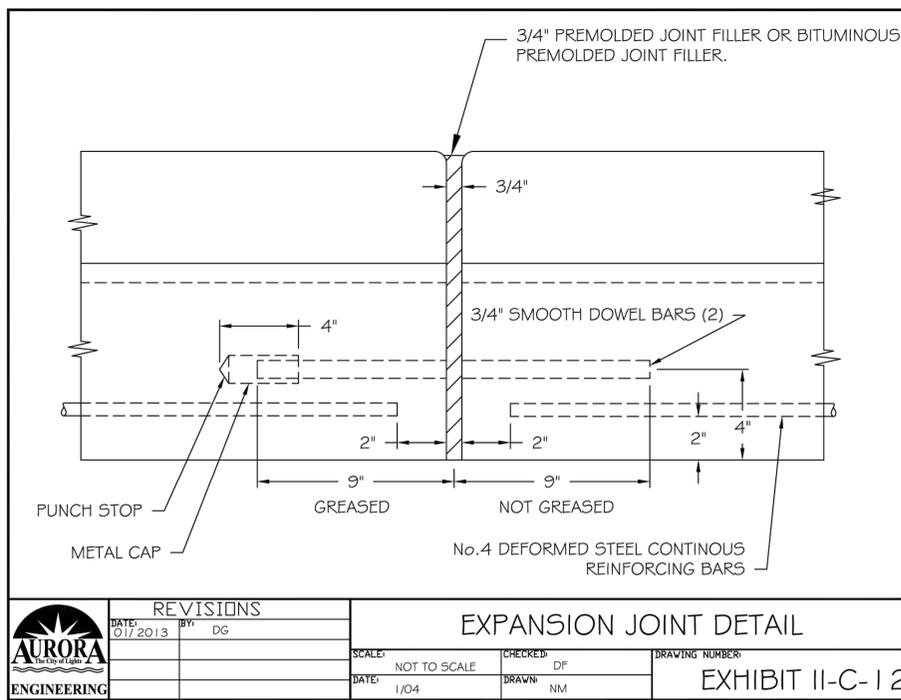
	REVISIONS		CONCRETE CURB & GUTTER		DRAWING NUMBER: EXHIBIT II-C-4
	DATE: 02/2013	BY: DG	SCALE: NOT TO SCALE	CHECKED: DF	
	DATE: 1/04	DRAWN: NM			



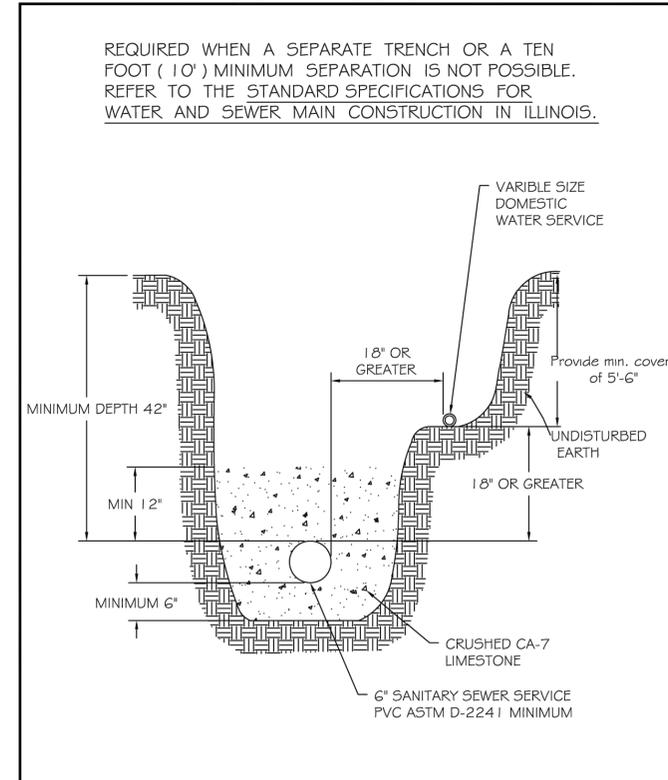
	REVISIONS		TEMPORARY PATCH DETAIL		DRAWING NUMBER: EXHIBIT II-C-1
	DATE: 03-12-20	BY: DGoewey	SCALE: NOT TO SCALE	CHECKED: DF	
	DATE: 1/04	DRAWN: NM			



	REVISIONS		RESIDENTIAL DRIVE APPROACH		DRAWING NUMBER: EXHIBIT II-C-7
	DATE: 04/2016	BY: DGoewey	SCALE: NOT TO SCALE	CHECKED: DF	
	DATE: 1/04	DRAWN: NM			



	REVISIONS		EXPANSION JOINT DETAIL		DRAWING NUMBER: EXHIBIT II-C-12
	DATE: 01/2013	BY: DG	SCALE: NOT TO SCALE	CHECKED: DF	
	DATE: 1/04	DRAWN: NM			



	REVISIONS		SANITARY AND WATER SERVICE SEPARATION		DRAWING NUMBER: EXHIBIT III-C-2
	DATE: 01/2011	BY: jfb	SCALE: NOT TO SCALE	CHECKED: DF	
	DATE: 1/04	DRAWN: NM			

PLOT DATE: 7/16/2025 1:00 PM LAST SAVED BY: Hernandez, P. ENGINEERING/CAPITAL IMPROVEMENT PROJECTS/2024 SEWER SEPARATION/BROADWAY SOUTH OF NORTH AVE/FINAL DRAWING/STANDARD DETAILS - BROADWAY SEWER SEPARATION SOUTH OF NORTH AVE.DWG



HOERCON-01

HFRAYSURE

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
1/29/2026

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER First Mid Insurance Group 1520 Charleston Ave Mattoon, IL 61938	CONTACT NAME: Hannah Fraysure PHONE (A/C, No, Ext): (217) 859-7051 FAX (A/C, No): E-MAIL ADDRESS: hannah.fraysure@firstmid.com
	INSURER(S) AFFORDING COVERAGE
INSURED Hoerr Construction Inc PO Box 65 Goodfield, IL 61742	INSURER A : BITCO General Insurance Corporation NAIC # 20095
	INSURER B : Travelers Property & Casualty Company of America 25674
	INSURER C :
	INSURER D :
	INSURER E :
	INSURER F :

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> XCU GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	X		CLP3766199B	1/1/2026	1/1/2027	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			CAP3766198	1/1/2026	1/1/2027	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			CUP3766200	1/1/2026	1/1/2027	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input checked="" type="checkbox"/> Y/N N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WC3766197	1/1/2026	1/1/2027	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Installation Floater			CLP3766199B	1/1/2026	1/1/2027	Limit 250,000
B	Excess Liability			EX-5X841902-26-NF	1/1/2026	1/1/2027	Limit 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 RE: City of Aurora - 2026 Sewer Televising - HCl #26800
 City of Aurora is named as additional insured under the General Liability and Automobile on a primary non-contributory basis; subject to written contract.

CERTIFICATE HOLDER City of Aurora 44 E Downer Place Aurora, IL 60507	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	--

Certificate Of Completion

Envelope Id: AB776007-E967-46CB-8B77-7EBD6A9CCDCE
 Subject: Complete with Docusign: City of Aurora Sewer Televising Contract
 DocID:
 Source Envelope:
 Document Pages: 45
 Certificate Pages: 5
 AutoNav: Enabled
 Envelopeld Stamping: Enabled
 Time Zone: (UTC-06:00) Central Time (US & Canada)

Status: Completed
 Envelope Originator:
 Cassandra Karsten
 44 E. Downer Pl.
 Aurora, IL 60505
 KarstenC@aurora.il.us
 IP Address: 143.195.254.81

Record Tracking

Status: Original 1/29/2026 10:18:00 AM	Holder: Cassandra Karsten KarstenC@aurora.il.us	Location: DocuSign
Security Appliance Status: Connected	Pool: StateLocal	
Storage Appliance Status: Connected	Pool: Carahsoft OBO City of Aurora	Location: Docusign

Signer Events

John Manijak
 jmanijak@hoerr.com
 Business Development
 Security Level: Email, Account Authentication (None)

Signature

Signed by:

 DF84E8149577401...
 Signature Adoption: Pre-selected Style
 Using IP Address: 45.30.154.174

Timestamp

Sent: 1/29/2026 10:55:30 AM
 Viewed: 1/29/2026 1:11:35 PM
 Signed: 1/30/2026 8:13:53 AM

Electronic Record and Signature Disclosure:
 Accepted: 1/29/2026 1:11:35 PM
 ID: 78844cb9-14dc-40a3-9582-36c0c73f298e

In Person Signer Events

Signature

Timestamp

Editor Delivery Events

Status

Timestamp

Agent Delivery Events

Status

Timestamp

Intermediary Delivery Events

Status

Timestamp

Certified Delivery Events

Status

Timestamp

Carbon Copy Events

Status

Timestamp

Nadia Schweisthal
 SchweisthalN@aurora.il.us
 Security Level: Email, Account Authentication (None)

COPIED

Sent: 1/30/2026 8:13:56 AM

Electronic Record and Signature Disclosure:
 Accepted: 5/23/2023 9:32:38 AM
 ID: 85873540-1531-498d-8019-f4799700073a

Witness Events

Signature

Timestamp

Notary Events

Signature

Timestamp

Envelope Summary Events

Status

Timestamps

Envelope Sent	Hashed/Encrypted	1/29/2026 10:55:30 AM
Certified Delivered	Security Checked	1/29/2026 1:11:35 PM

Envelope Summary Events	Status	Timestamps
Signing Complete	Security Checked	1/30/2026 8:13:53 AM
Completed	Security Checked	1/30/2026 8:13:56 AM

Payment Events	Status	Timestamps
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