

APPLICATION FOR PERMIT FOR INSTALLATION OF UTILITIES OR PLACING OBSTRUCTIONS ON THE COUNTY HIGHWAY SYSTEM
ALL APPLICANTS MUST BE REGISTERED PRIOR TO PERMIT APPROVAL

APPLICANT NAME

City of Blaine

CONTACT PERSON

Brent Larson

ADDRESS

10801 Town Square Dr

CITY

Blaine

PHONE NUMBER

763-785-6188

EMAIL

blarson@blainemn.gov

COMPANY OR INDIVIDUAL PERFORMING WORK

Dresel Contracting Inc

CONTACT PERSON

Craig Meyer

EMAIL

craig@dreselcontracting.com

PHONE NUMBER

612-328-1478

PERMIT WORK TO START

07/21/2025

PERMIT WORK TO BE COMPLETED

09/12/2025

DURATION OF JOB

Less than 5 working days

ARE YOU BEING ASKED TO RELOCATE DUE TO A COUNTY PROJECT?

No

ANOKA COUNTY PROJECT NUMBER

WORK SITE ADDRESS

6th Street and 109th Ave (CSAH 12)

CITY

Blaine

METHOD OF INSTALLATION/CONSTRUCTION

Open Trench

NATURE OF WORK Removing existing sanitary sewer with vertical bends and installing new pipe and a drop manhole including traffic control and street restoration.

SURFACE TO BE DISTURBED

DITCH/BLVD


GRAVEL


X BITUMINOUS

CONCRETE

NONE

SITE PLAN





IF THE ROADWAY IS ENCROACHED, YOU MUST ATTACH A TRAFFIC CONTROL PLAN AND/OR REFERENCE THE MOST CURRENT VERSION OF THE MN TEMPORARY TRAFFIC CONTROL FIELD MANUAL (3+ DAYS REQUIRES PLANS TO BE SIGNED BY A LICENSED PE).

IS SIGNING AND STRIPING REQUIRED?

No

DEPTH FROM SURFACE

approx. 11 feet

(60" minimum under county roads)

SIZE AND KIND OF PIPE/CABLE

8 inch PCV SDR26

NUMBER OF EXCAVATIONS

1

SIZE OF EXCAVATIONS

~70' x 28 'x 11' deep

(Length, width, and depth)

LOCATION OF EXCAVATIONS ALL EXCAVATIONS ARE TO BE PROTECTED AT ALL TIMES AND THEN BACKFILLED WHEN UNATTENDED AND/OR OVERNIGHT
Specific written descriptions of excavations - if shown on attached drawing, drawing shall be specific with depth and distance from centerline, curb, or other distinguishable location. Traffic control plans cannot be approved without specific excavation descriptions.

see attached plans



Anoka County

MINNESOTA

Respectful. Innovative. Fiscally Responsible

ANOKA COUNTY TRANSPORTATION DIVISION

1440 BUNKER LAKE BLVD NW

ANDOVER, MN 55304

PERMIT PHONE: 763-324-3176

highwaypermits@anokacountymn.gov

GENERAL INFORMATION

One permit must be approved for each county road on which work will be performed prior to any work within the right of way by any utility/contractor. Emergency conditions which threaten the safety of the public and require immediate repair are exceptions to this rule. Under those circumstances, the utility/contractor is permitted to begin and/or complete the necessary repairs. The Anoka County Transportation Division (ACTD) shall be notified of emergency repairs as soon as feasible and a written permit is to be completed within two business days of occurrence.

A license-permit bond is generally required of the contractor as part of the registration process, the amount of which will be determined by the nature of the utility work.

A sketch or drawing shall accompany each permit application which will show the location of the proposed work/utility with reference to the county highway center line and right of way line. A complete set of plans is required for all sewer/water projects.

It shall be the responsibility of the applicant to determine which of the special conditions apply to each permit.

ACTD reserves the right to revoke any utility permit and halt work, if, upon inspection of any job site, the special conditions are not met, and/or a hazard exists for the applicant or public safety is threatened. **The failure to comply with the terms and conditions of any applicable Federal, State, Regional, and local laws, rules and regulations, including any provision of Anoka County's Right-of-Way Ordinance shall be cause for immediate revocation of a permit.**

The applicant shall notify ACTD immediately upon completion of project so that the ACTD can inspect the site to determine if restoration has been satisfactorily completed.

The undersigned hereby accepts the terms and conditions of this permit and the regulations of Anoka County, and agrees to fully comply therewith to the satisfaction of the ACTD. The county of Anoka, its officials, employees, and agents, shall be held harmless, by the applicant/permittee, from any demands, claims, lawsuits, or damages relating to the work described in this permit.

APPLICANT'S SIGNATURE

Signed by:

Brent Larson

62251AD5C0A241C...

DATE 7/18/2025

AUTHORIZATION OF PERMIT

In consideration of the applicant's agreement to comply in all respects with the regulations of the ACTD covering such operations, permission is hereby granted for the work to be done as described in the above application. Said work to be done in accordance with the general conditions listed above and the special conditions required as hereby stated. It is expressly understood that this permit is conditioned upon replacement or restoration of the county highway and its right of way to their original or to a satisfactory condition. It is further understood that this permit is issued subject to the approval of local city or township authorities having joint supervision over said street or highway.

APPROVED BY:

DATE

TITLE: Traffic Technician

NOT VALID UNLESS SIGNED BY ANOKA COUNTY

THIS PERMIT COVERS THE RIGHT OF WAY IN ANOKA COUNTY ONLY
ACTD reserves the right to make changes to these special conditions.



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ANDOVER, MN 55304
PERMIT PHONE: 763-324-3176
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SPECIAL CONDITIONS

TRAFFIC CONTROL

- 1) Detours
 - a) Detailed detour layouts shall be submitted to the traffic engineer for approval.
 - b) No detours shall be permitted without prior approval of the Anoka county traffic engineer.
 - c) A ten day notice must be given prior to the installation of any detour.
 - d) It shall be the responsibility of the applicant to notify Anoka county central communications, local government bodies, and any affected bus companies ten days prior to any road closures/detours.
 - e) Immediately upon completion of work and/or detours, all posts, barricades, and signs shall be removed from the right of way.
- 2) Traffic control devices
 - a) All traffic control devices, barricades, flashers, etc., shall be furnished by the applicant and shall be in accordance with the most recent edition of the Minnesota manual on uniform traffic control devices and temporary traffic control zone layouts – field manual of the same manual.

CONSTRUCTION REQUIREMENTS

- 1) Open cutting of bituminous or concrete surfaced roads will be allowed only at the discretion of the county engineer.
- 2) Neither supplies nor excavation materials shall be placed on the bituminous or concrete surface at any time.
- 3) No trenches will be allowed to remain open overnight.
- 4) Materials removed from the trench shall be used as backfill insofar as they are suitable. All backfill material shall conform to MNDOT specifications for compaction. The use of heavy equipment on top of trench, slapping with backhoe bucket and/or back casting to achieve compaction is prohibited. Any additional material required to back fill to the original grade shall be furnished by the applicant at no expense to the ACTD. All the base and surface courses damaged during construction operations shall be restored to a condition equal to or better than before operations began. The applicant shall be responsible for and restore any settlement.
- 5) All culverts, ditches, shoulders, and backslopes shall be restored to their original condition unless otherwise directed by the ACTD. Shoulders which have been previously constructed or reconstructed with special materials shall be replaced in kind. Restoration of signs, guardrails, guard posts, etc., are the sole responsibility of the applicant and shall be restored to their original condition.
- 6) All roadway maintenance required within the limits of the utility project that is related to the applicant's activities shall be the sole responsibility of the applicant for one year after completion of the project. Upon completion of the restoration work, the applicant shall request a final inspection by the ACTD. The ACTD's approved completion date shall be the starting date of the applicant's one-year responsibility.

HORIZONTAL BORING AND JACKING

- 1) All hard surface roadways shall be jacked or bored.
- 2) All crossings of Anoka County maintained roadbeds, shall be made by boring inside a casing or carrier pipe, or by jacking unless otherwise directed by the Anoka County Engineer. The auger shall lead the casing or carrier pipe by at least six inches whenever possible and never lead the carrier pipe by more than one inch.
- 3) The use of pneumatic devices to facilitate the roadbed crossings will be allowed in most cases with prior approval. In the event approval is not granted and applicant uses a pneumatic device to cross a roadbed and encounters an obstruction and/or unstable subbase material which makes forward or reverse motion of pneumatic device impossible, said pneumatic device then becomes part of the roadway subbase and permission to excavate to retrieve device will not be granted.
- 4) If a pneumatic device is used for the work permitted herein, the installation must be kept to a minimum of four feet below the surface of the roadway if the pneumatic device is less than two inches in diameter, and a minimum of five feet below the surface of the roadway if the pneumatic device is two inches in diameter or larger.

BITUMINOUS RESTORATION

- 1) The locations and dimensions of all openings to be made in the bituminous surface shall be approved by the ACTD prior to any cutting or any surface opening operations.
- 2) All openings in bituminous surfaces shall be cut in a straight line with the sides smooth and vertical. No ragged edges will be permitted. Cutting shall be done with a concrete saw.
- 3) All necessary dust control operations shall be carried out by the applicant at no expense to Anoka County.
- 4) The minimum requirement for subgrade replacement shall be the upper twelve inches of material and shall meet MNDOT specifications for class five placed in six inch layers compacted to one hundred percent of optimum density.
- 5) All manhole casings, gate valves, and other utility structures shall be set one quarter inch below the top of the finished surface.
- 6) Bituminous tack coat materials and application thereof shall conform to MNDOT specification 2357.
- 7) All bituminous surfacing shall be replaced as soon as practicable after the base construction. All bituminous surfacing shall be machine laid. Any exceptions must be approved by the ACTD. Bituminous surfacing shall be replaced to original pavement depth or to a minimum of six inches of bituminous mixture (2360), whichever is greater. Bituminous mixtures must be placed in lifts not exceeding three inches in thickness for base and binder courses and not exceeding two inches for the wear course.
- 8) All surface restoration regardless of size shall conform to existing grades.
- 9) Any unnecessary or negligent damage to bituminous surface in conjunction with the installation and/or repair of a utility shall be cut out and replaced in kind as directed by the ACTD.



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ANDOVER, MN 55304
PERMIT PHONE: 763-324-3176
highwaypermits@anokacountymn.gov

CONCRETE RESTORATION

- 1) Curb and gutter, sidewalks, and driveways shall be restored in accordance with MNDOT specifications 2531 and 2521.

UTILITY LINES

- 1) There shall be only a single pole line on the county right of way on either side of the center line thereof.
2) Exact locations of longitudinal installations on county highways shall be located as directed by the ACTD.

SECTION CORNER MONUMENTS

- 1) Utility locations shall not interfere with the location of any section, quarter, witness, or right of way monuments. For assistance in locations, contact the Anoka County Surveyor’s Office.
2) The applicant shall be responsible for replacement of any existing property irons disturbed during construction.
3) The applicant shall notify the Anoka County Surveyor’s Office three working days in advance of any anticipated disturbance of any section, quarter, witness, or right of way monuments.
4) Any monument disturbed during the course of construction, shall be reset by the Anoka County Surveyor’s Office at the expense of the applicant.

ATTACHING TO BRIDGES/STRUCTURES

- 1) No utility is permitted to be hung from, or otherwise attached to, any bridge or structure without having detailed plans approved by the Anoka County Engineer. These plans are to show approaches to the structure, method of installation, type, and dimension of housing for the utility.

ADDITIONAL PROVISIONS

- 1) All subcontractors, installers, and crew shall possess a physical or electronic copy of all documents in relation to the approved permit prior to the commencement of work and be kept on site. This includes, but it not limited to the following:
a) Approved permit
b) Any/all traffic control plans and/or layouts
2) Shall notify Anoka County Permits at 763-324-3176 or highwaypermits@anokacountymn.gov
a) At least 36 hours prior to the commencement of work
b) With time frame of proposed of work
c) Anticipated traffic control
d) When work is complete - including restorations - to request a final inspection
3) No work during inclement weather or when plows are out in any capacity
4) All traffic control shall be in accordance with the most current version of the MnDOT Temporary Traffic Control Field Manual
5) For staking of right-of way or proposed infrastructure, contact Chris Osterhus at 763-324-3189 a minimum of 48 hours prior to the commencement of work.

INITIAL

initial
Bl

PROJECT LOCATION MAP

EXISTING

- PROPOSED

- NOTES:

-
- A horizontal number line labeled "SCALE" and "FEET". The line has tick marks at 4000, 0, 2000, and 4000. The word "FEET" is above the line, and "SCALE" is below it.



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

BRENT LARSON, PE

Date: 6/12/25 Minnesota Lic. No. 45850

* REVISED 6/24/25

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	TITLE SHEET
2	QUANTITIES, DETAILS AND NOTES
3	109TH AVENUE MANHOLE LININGS
4-5	6TH STREET AT 109TH AVENUE (25-07)
6-7	JEFFERSON STREET AT 89TH AVENUE (25-26)

★ PROJECT LOCATION

SHEET NO. 1 OF 7 SHEETS

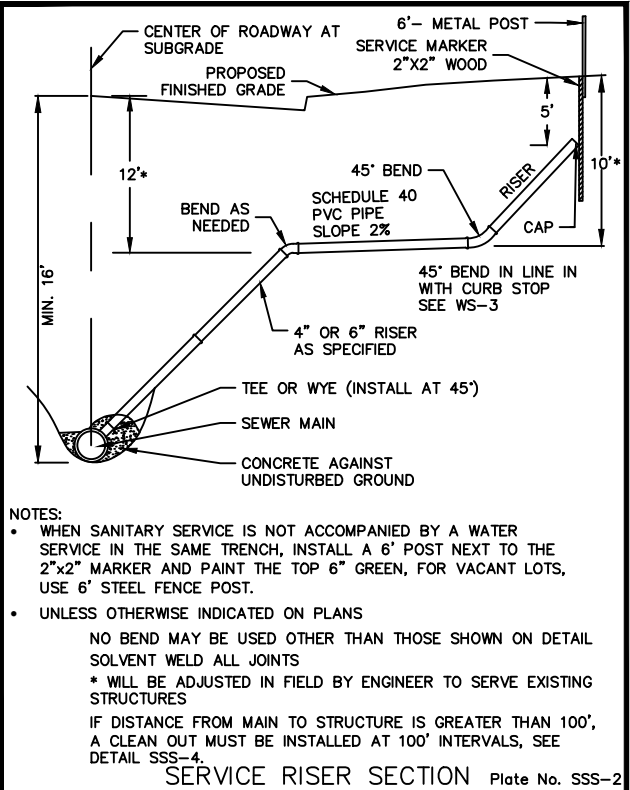
STATEMENT OF ESTIMATED QUANTITIES				
ITEM NO.	SPEC. REF.	DESCRIPTION	UNIT	TOTAL ESTIMATED QUANTITY
BID SCHEDULE A - 6TH STREET @ 109TH AVENUE (25-07)				
1	2021.501	MOBILIZATION	LS	1
2	2011.601	CONSTRUCTION SURVEYING	LS	1
3	2104.504	REMOVE BITUMINOUS	SY	207
4	2104.504	REMOVE SANITARY SEWER PIPE AND BENDS	LF	54
5	2105.601	DEWATERING	LS	1
6	2211.509	AGGREGATE BASE CLASS 5 (LV)	CY	29
7	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (4,C)	TON	51
8	2503.503	8" PVC SDR 26 PIPE	LF	54
9	2506.502	CONST SANITARY STRUCTURE - SPECIAL	EACH	1
10	2563.901	TRAFFIC CONTROL	LS	2
11	2573.502	STORM DRAIN INLET PROTECTION	EACH	2
BID SCHEDULE B - JEFFERSON STREET @ 89TH AVENUE (25-26)				
12	2021.501	MOBILIZATION	LS	1
13	2011.601	CONSTRUCTION SURVEYING	LS	1
14	2104.504	REMOVE CONCRETE CURB AND GUTTER	LF	26
15	2104.504	REMOVE BITUMINOUS	SY	43
16	2104.504	REMOVE SANITARY SEWER PIPE AND BENDS	LF	16
17	2105.601	DEWATERING	LS	1
18	2211.509	AGGREGATE BASE CLASS 5 (LV)	CY	7
19	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (4,C)	TON	11
20	2531.503	CONCRETE CURB AND GUTTER DESIGN B618	LF	26
21	2503.503	6" SCHEDULE 40 PIPE	LF	16
22	2563.901	TRAFFIC CONTROL	LS	1
23	2573.502	STORM DRAIN INLET PROTECTION	EACH	2
24	2575.501	TURF ESTABLISHMENT	LS	1

REFERENCE NOTES:

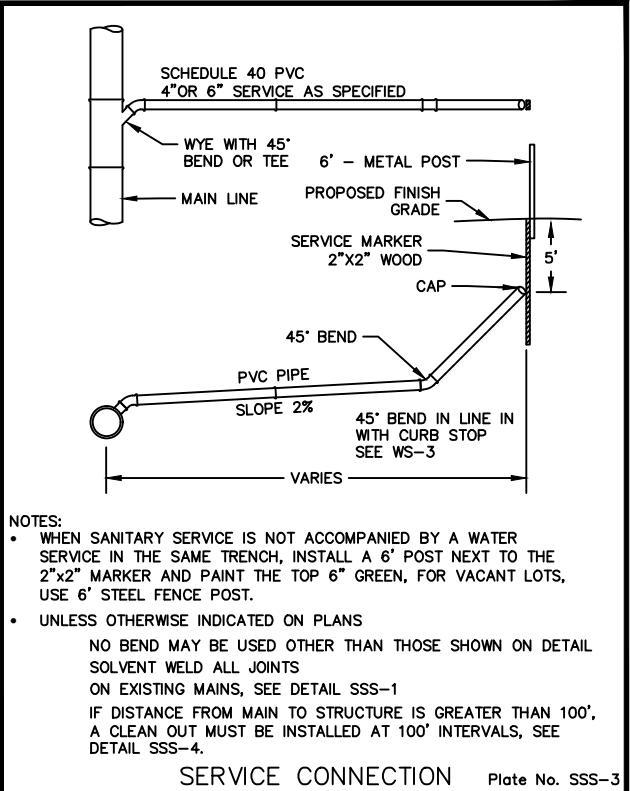
- NO CLEARING AND GRUBBING IS ANTICIPATED. ONLY TREES AND/OR BUSHES WITHIN THE RIGHT-OF-WAY AND NECESSARY TO INSTALL PIPE AS SHOWN IN THE PLANS SHALL BE REMOVED OR TRIMMED. TREES ON PRIVATE PROPERTY SHALL BE PROTECTED. THIS SHALL BE INCIDENTAL TO THE PROJECT.
- BITUMINOUS AND CONCRETE SHALL BE SAW CUT TO FULL DEPTH. THIS SHALL BE INCIDENTAL TO THE REMOVAL ITEMS.
- SANTIARY MANHOLE SHALL HAVE A NEENAH R-1733 FRAME AND CASTING.
- AGGREGATE BASE SHALL BE SALVAGED AND REINSTALLED TO THE EXTENT POSSIBLE. THIS SHALL BE INCIDENTAL. ADDITIONAL CLASS 5 AGGREGATE SHALL BE IMPORTED. AGGREGATE BASE SHALL BE PLACED AND COMPACTED AS NECESSARY TO MATCH THE EXITING STREET SECTIONS. ADDITIONAL CLASS 5 AGGREGATE BASE SHALL BE PAID BY THE CUBIC YARD LOOSE VOLUME (LV). ALL AGGREGATE BASE SHALL BE COMPACTED TO 100% SPECIFIED DENSITY.
- BITUMINOUS MIXTURE SHALL BE TYPE SP 12.5 WEAR COURSE (SPWEB440C). SEE NOTES ON EACH SHEET FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL COMPLETE THE ANOKA COUNTY HIGHWAY DEPARTMENT RIGHT-OF-WAY PERMIT AND POST ALL REQUIRED ESCROWS FOR WORK WITHIN THE COUNTY RIGHT-OR-WAY.
- TURF ESTABLISHMENT SHALL INCLUDE FINE GRADING, SOIL PREPARATION, INCLUDING PLACING STRIPPED TOPSOIL, AND SODDING IN ALL DISTURBED AREAS TO MATCH THE NEW SURFACE TO EXISTING GROUND. TURF ESTABLISHMENT ITEMS SHALL BE AS FOLLOWS:
 - RESTORATION SHALL BE COMPLETED WITHIN 24 HOURS OF COMPLETION OF THE EARTH DISTURBING ACTIVITIES.

GENERAL NOTES:

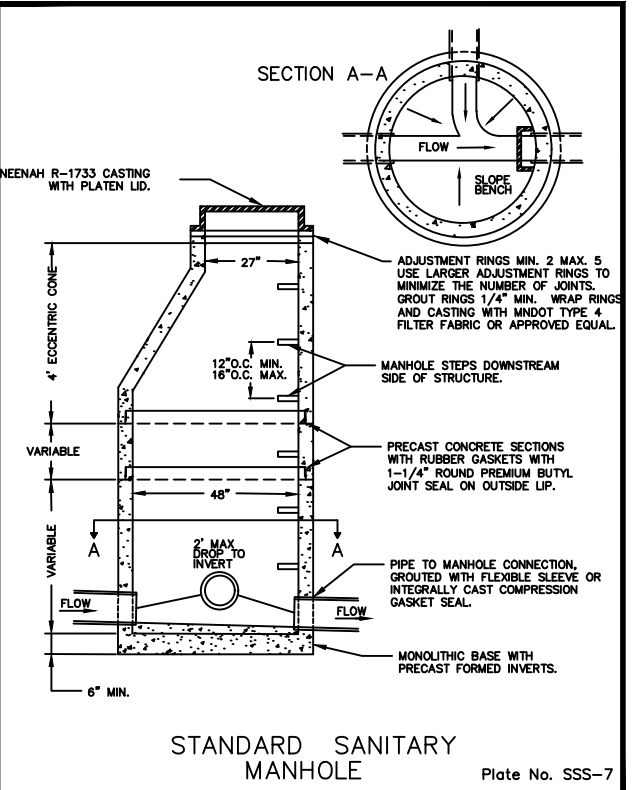
- FOR THE WORK ON 6TH STREET, THE CONTRACTOR SHALL COMPLETE THE WORK PRIOR TO ANOKA COUNTY'S OVERLAY PROJECT OF 109TH AVENUE (CSAH 12). ANTICIPATED START DATE OF THE COUNTY PROJECT IS THE END OF SEPTEMBER 2025.
- ALL CONSTRUCTION SHALL BE PER BLAINE SPECIFICATIONS, SPECIAL CONDITIONS OF THE CONTRACT, AND MNDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED IN THESE PLANS.
- A PRE-CONSTRUCTION MEETING SHALL BE HELD A MINIMUM OF 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
- ALL PERIMETER SEDIMENT AND EROSION CONTROL SHALL BE IN PLACE PRIOR TO ANY EARTH DISTURBING ACTIVITIES.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO COMMENCING ANY EXCAVATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SURVEYING NECESSARY TO COMPLETE THE PROJECT AS DESIGNED.
- SOILS AND STOCKPILE SHALL BE STABILIZED WITHIN 7 DAYS (MAXIMUM) OF INACTIVITY UNLESS OTHERWISE STATED IN THE PLANS.
- CONTRACTOR SHALL SWEEP STREETS BY THE END OF EACH DAY WITH A PICKUP BROOM WHERE SEDIMENT MAY HAVE TRANSPORTED.



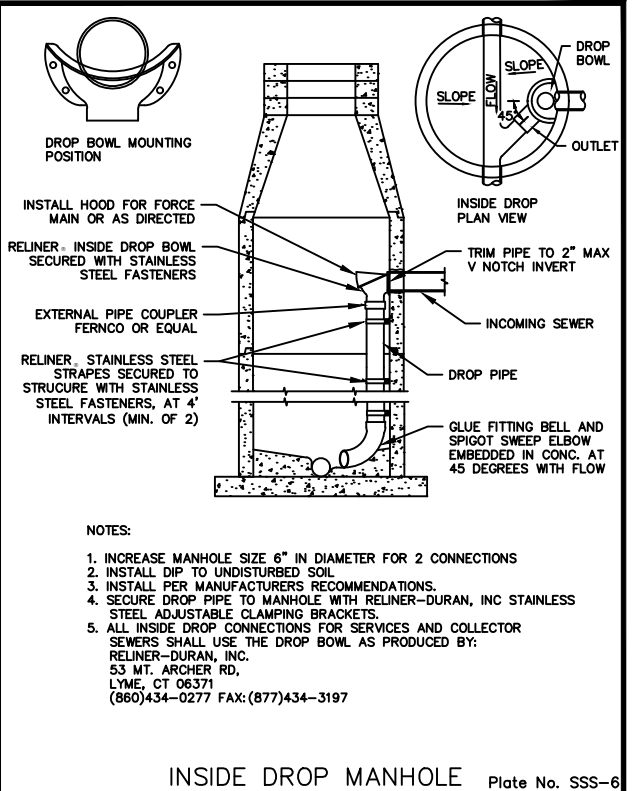
2025 STANDARD DETAIL PLATE
City of Blaine - Engineering Department
10801 Town Square Drive NE, Blaine, Minnesota 55449 763-785-6172 Fax 763-785-6139



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City of Blaine - Engineering Department
10801 Town Square Drive NE, Blaine, Minnesota 55449 763-785-6172 Fax 763-785-6139

Jun 24, 2025 - 12:09pm
H:\Team\GISEng\Public Projects\2025 Project List\25-07 Sanitary Sewer Manhole Construction - 6th & 109th (U2507)\Plans\109TH AVE_6TH ST_SANITARY.dwg



ENGINEERING DEPARTMENT

10801 Town Square Drive, Blaine, Minnesota 55449

Phone (763) 785-6172

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed professional engineer under the laws of the State of Minnesota.

Date 6/12/25 Reg. No. 45850

DATE

6/24/25

REVISION

ITEM 21, REVISED TO PIPE SIZE

PROJECT NO.

DESIGN BY: BML

CHECKED BY: DSS

AS BUILT BY:

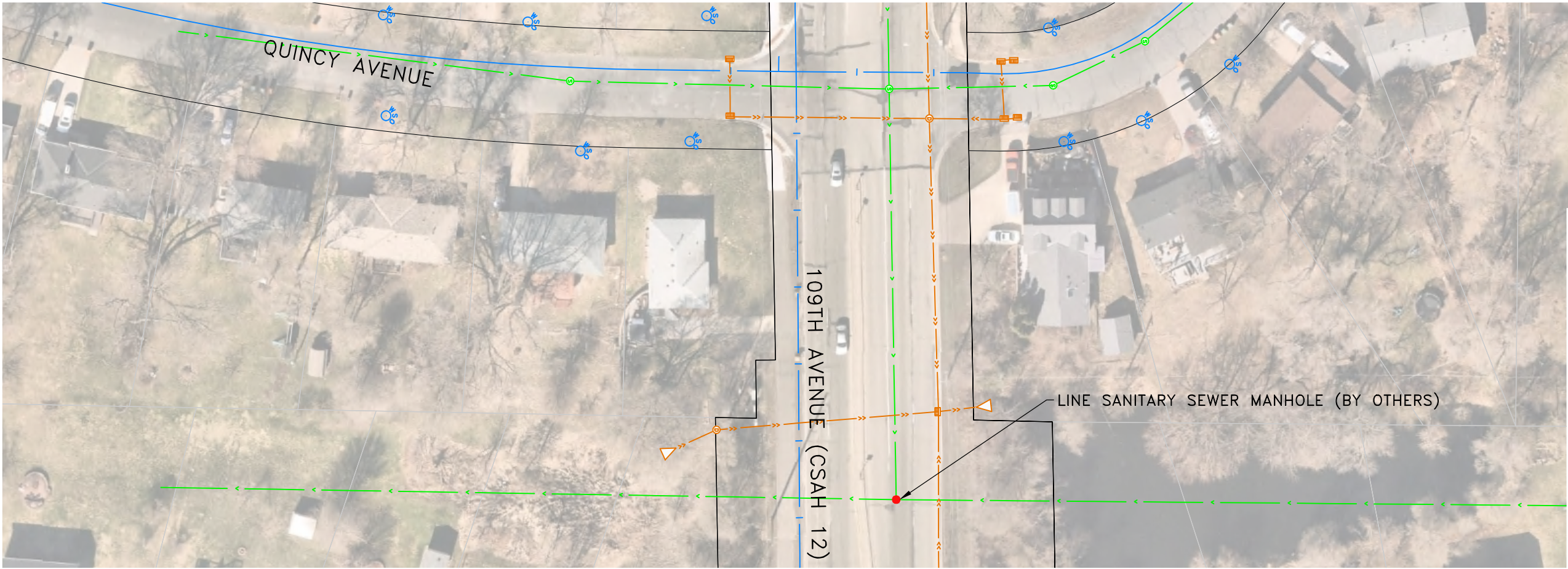
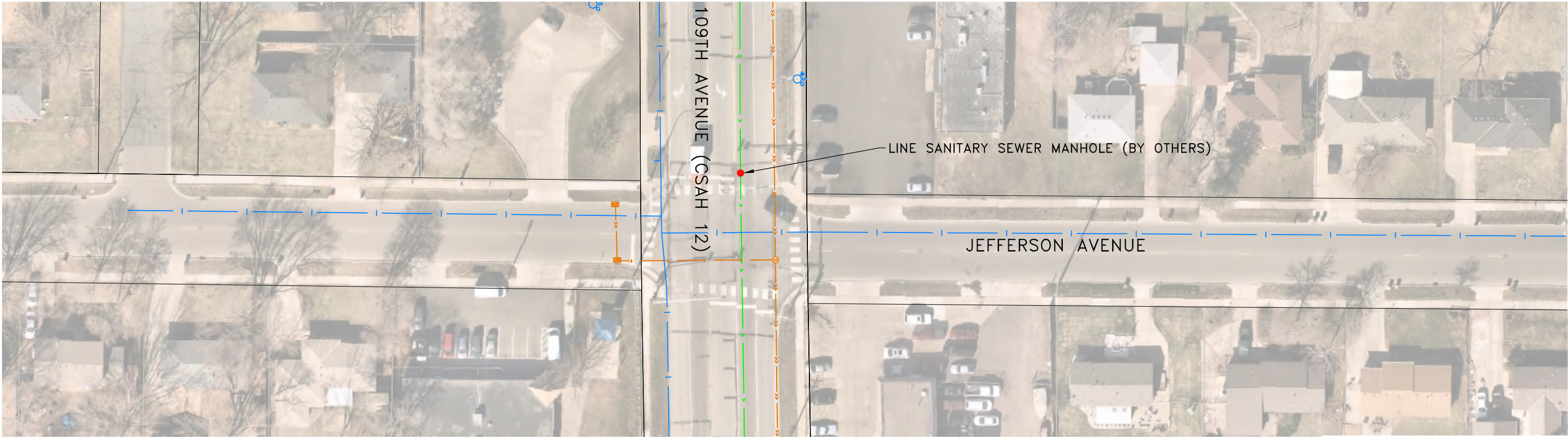
DRAWN BY: BML

APPROVED BY: DSS

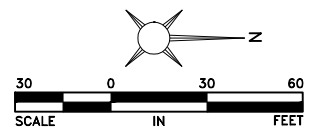
QUANTITIES, DETAILS, AND DETAILS

CITY PROJ. NO. 25-07 & 25-26
2025 SANITARY SEWER REPAIRS PROJECT

SHEET NO. 2 OF 7 SHEETS



- NOTES:
1. BY OTHERS – THIS WORK WILL BE PERFORMED SEPERATLY FROM THE PIPE REPLACEMENTS ON SHEET 4-7.
 2. IT IS THE INTENTION TO PERFORM THIS WORK IN COORDINATION WITH ANOKA COUNTY'S MILL AND OVERLAY PROJECT ALONG 109TH AVENUE. THE LINING OF THE MANHOLES SHALL BE DONE UNDER THE COUNTY'S TRAFFIC CONTROL FOR THEIR 109TH AVENUE PROJECT. NO PAYMENT FOR TRAFFIC CONTROL WILL BE MADE.
 3. IF THE CONTRACTOR CHOOSES TO PERFORM THE MANHOLE LININGS SEPARATE FROM THE COUNTY PROJECT, IT WILL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE THE TEMPORARY TRAFFIC CONTROL NECESSARY ACCORDING TO THE MINNESOTA TEMPORARY TRAFFIC CONTROL FIELD MANUAL. NO PAYMENT FOR TRAFFIC CONTROL WILL BE MADE.
 4. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEERING DEPARTMENT AND ANOKA COUNTY HWY DEPARTMENT A MINIMUM OF 72 HOURS PRIOR TO THE WORK BEING DONE.
 5. CONTRACTOR SHALL COMPLETE THE ANOKA COUNTY HIGHWAY DEPARTMENT RIGHT-OF-WAY PERMIT AND POST ALL REQUIRED ESCROWS.



ENGINEERING DEPARTMENT
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[Signature]
Date 6/12/25 Reg. No. 45850

DATE

REVISION

PROJECT NO.
DESIGN BY: BML DRAWN BY: BML
CHECKED BY: DSS APPROVED BY: DSS
AS BUILT BY:

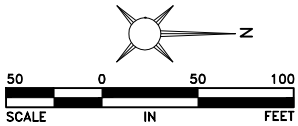
MANHOLE LINING (BY OTHERS)
109TH AVENUE @ JEFFERSON ST AND QUINCY ST
2025 SANITARY SEWER REPAIRS PROJECT
SHEET NO. 3 OF 7 SHEETS

Jun 13, 2025 - 10:33am
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Jun 24, 2025 - 12:06pm
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- NOTES:
1. THE ROAD AND LANE CLOSURES WILL BE ALLOWED FOR A MAXIMUM OF 3 CALENDAR DAYS.
 2. CONTRACTOR SHALL PROVIDE THE TEMPORARY TRAFFIC CONTROL NECESSARY TO PERFORM THE WORK. THIS SHALL INCLUDE THE MINNESOTA TEMPORARY TRAFFIC CONTROL FIELD MANUAL - LAYOUT 38 IN ADDITION TO TEMPORARY ROAD CLOSURE SIGNS SHOWN HERE.
 3. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEERING DEPARTMENT AND ANOKA COUNTY HWY DEPARTMENT A MINIMUM OF 72 HOURS PRIOR TO THE WORK BEING DONE.
 4. THE BITUMINOUS PATCH SHALL COMPLETED PRIOR TO REOPENING THE ROAD/LANES.
 5. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE ANY AND ALL NECESSARY TRAFFIC CONTROL OR TEMPORARY MEASURES TO MAKE THE EXCAVATION AREA SAFE UNTIL THE BITUMINOUS PATCH IS COMPLETED.
 6. ALL TRAFFIC CONTROL SHALL BE PAID AS A LUMP SUM (LS).

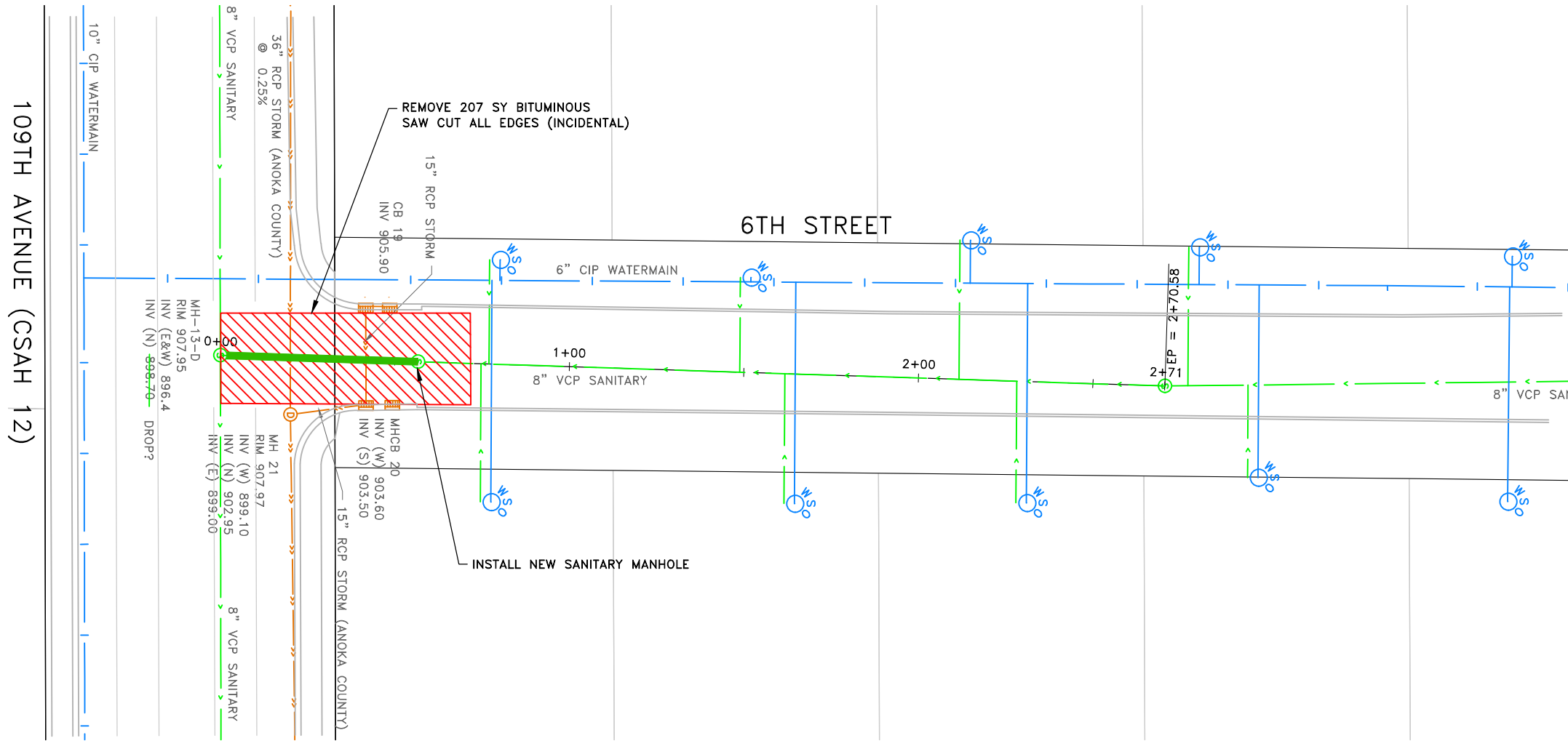


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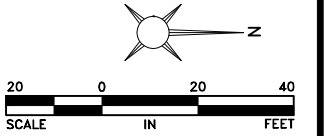
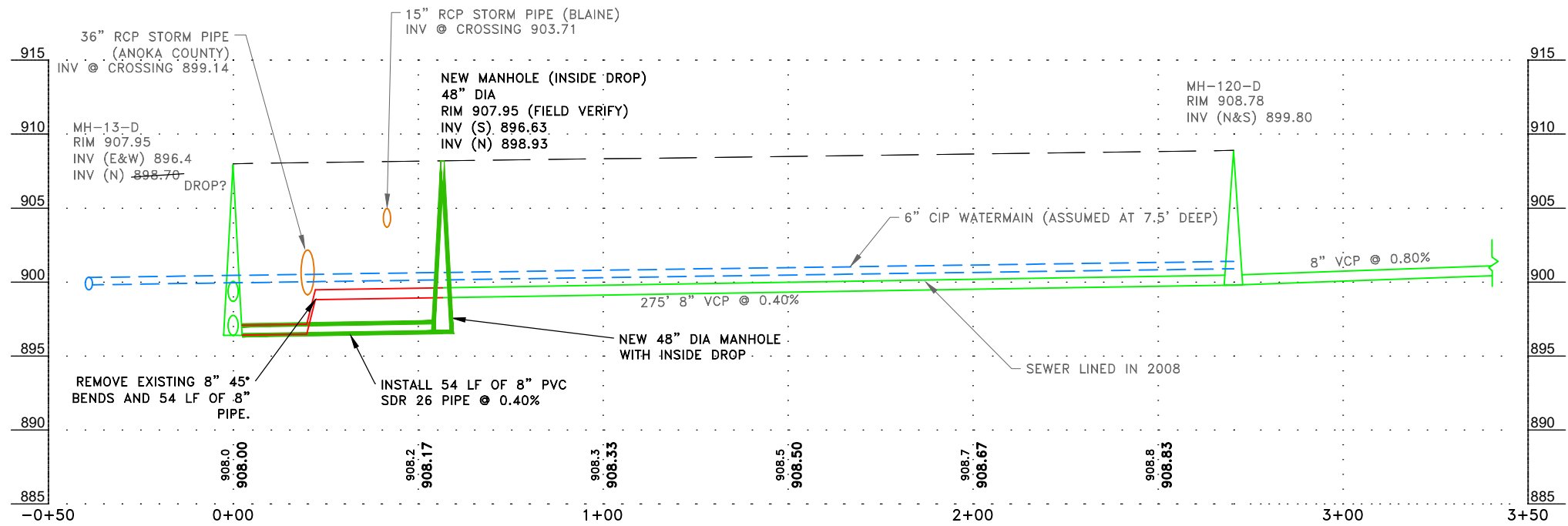
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed professional engineer under the laws of the State of Minnesota.
[Signature]
Date 6/12/25 Reg. No. 45850

DATE	REVISION	PROJECT NO.	
		DESIGN BY: BML	DRAWN BY: BML
		CHECKED BY: DSS	APPROVED BY: DSS
		AS BUILT BY:	

TRAFFIC CONTROL
6TH STREET @ 109TH AVENUE
CITY PROJ. NO. 25-07
2025 SANITARY SEWER REPAIRS PROJECT



- NOTES:
1. THE CONTRACTOR SHALL COMPLETE THE WORK PRIOR TO ANOKA COUNTY'S OVERLAY PROJECT OF 109TH AVENUE (CSAH 12). ANTICIPATED START DATE OF THE COUNTY PROJECT IS THE END OF SEPTEMBER 2025.
 2. EXISTING PIPE AND BENDS SHALL BE REMOVED AND DISPOSED OF PROPERLY. NEW SANITARY SEWER PIPE AND DROP MANHOLE, FRAME AND CASTING SHALL BE FURNISHED AND INSTALLED AS SHOWN IN THE DETAILS, PLAN AND PROFILE. ALL LABOR AND MATERIALS TO COMPLETE THE WORK AS SHOWN SHALL BE INCLUDED IN THE BID UNIT PRICES. ANY ITEMS NOT SPECIFICALLY CALLED OUT IN THE QUANTITIES SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. THIS INCLUDES CONNECTING TO EXISTING, BENDS AND FITTINGS, SAW CUTTING, ETC.
 3. BITUMINOUS PATCH AREA SHALL BE COMPLETED IN MULTIPLE LIFTS TO A THICKNESS MATCHING THE EXISTING STREET. NO LIFT SHALL BE LESS THAN 1.5" THICK AND NO THICKER THAN 3".
 4. IT IS ASSUMED THAT DEWATERING WILL BE NECESSARY.



ENGINEERING DEPARTMENT

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Date 6/12/25 Reg. No. 45850

DATE

6/24/25

REVISION

REMOVED FERNCO CONNECTION NOTE

PROJECT NO.

DESIGN BY: BML

DRAWN BY: BML

CHECKED BY: DSS

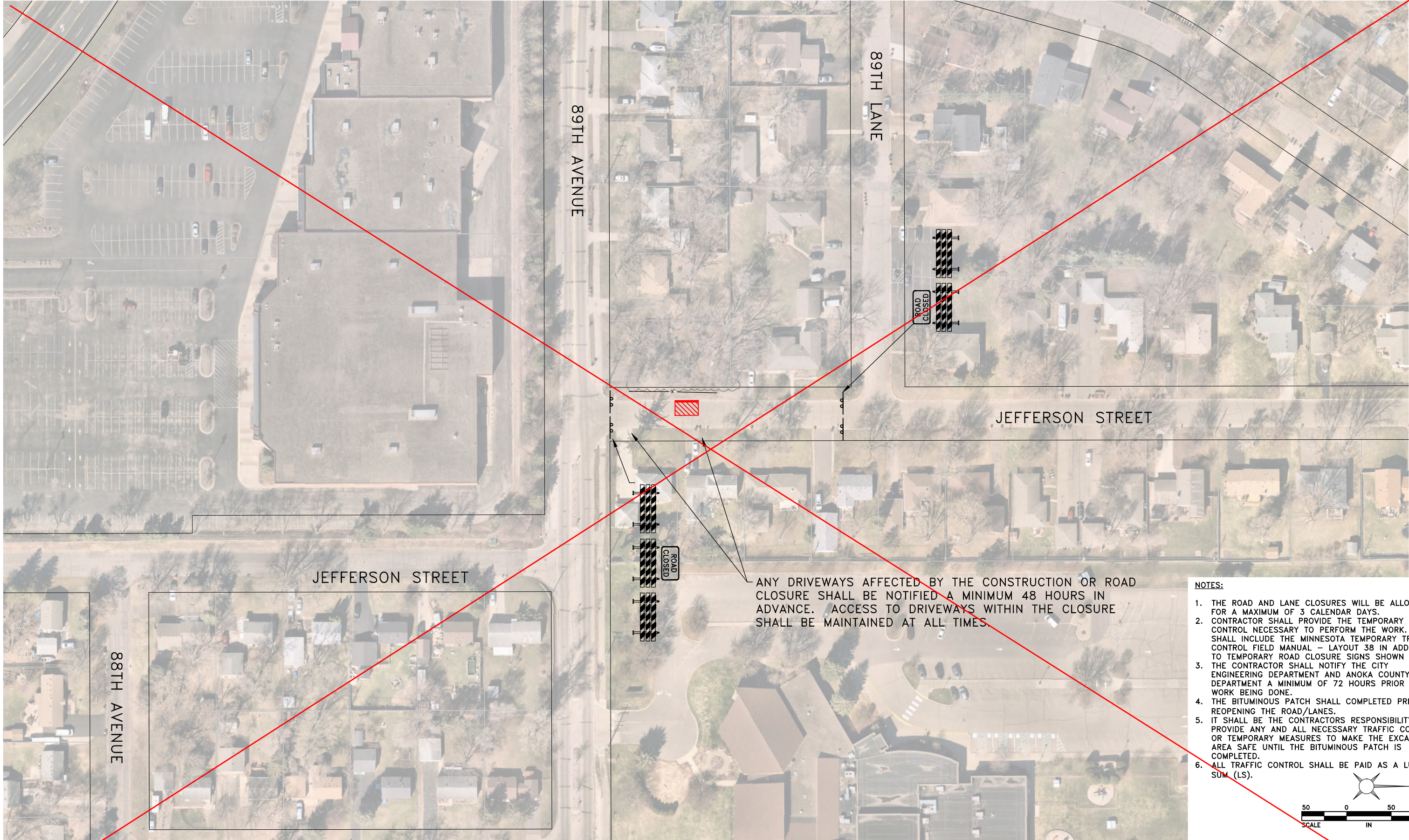
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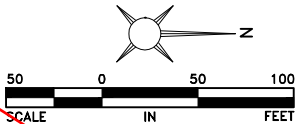
PLAN AND PROFILE
6TH STREET @ 109TH AVENUE
CITY PROJ. NO. 25-07
2025 SANITARY SEWER REPAIRS PROJECT

SHEET NO. 5 OF 7 SHEETS

Jun 24, 2025 - 12:05pm
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- NOTES:**
1. THE ROAD AND LANE CLOSURES WILL BE ALLOWED FOR A MAXIMUM OF 3 CALENDAR DAYS.
 2. CONTRACTOR SHALL PROVIDE THE TEMPORARY TRAFFIC CONTROL NECESSARY TO PERFORM THE WORK. THIS SHALL INCLUDE THE MINNESOTA TEMPORARY TRAFFIC CONTROL FIELD MANUAL - LAYOUT 38 IN ADDITION TO TEMPORARY ROAD CLOSURE SIGNS SHOWN HERE.
 3. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEERING DEPARTMENT AND ANOKA COUNTY HWY DEPARTMENT A MINIMUM OF 72 HOURS PRIOR TO THE WORK BEING DONE.
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 5. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE ANY AND ALL NECESSARY TRAFFIC CONTROL OR TEMPORARY MEASURES TO MAKE THE EXCAVATION AREA SAFE UNTIL THE BITUMINOUS PATCH IS COMPLETED.
 6. ALL TRAFFIC CONTROL SHALL BE PAID AS A LUMP SUM (LS).



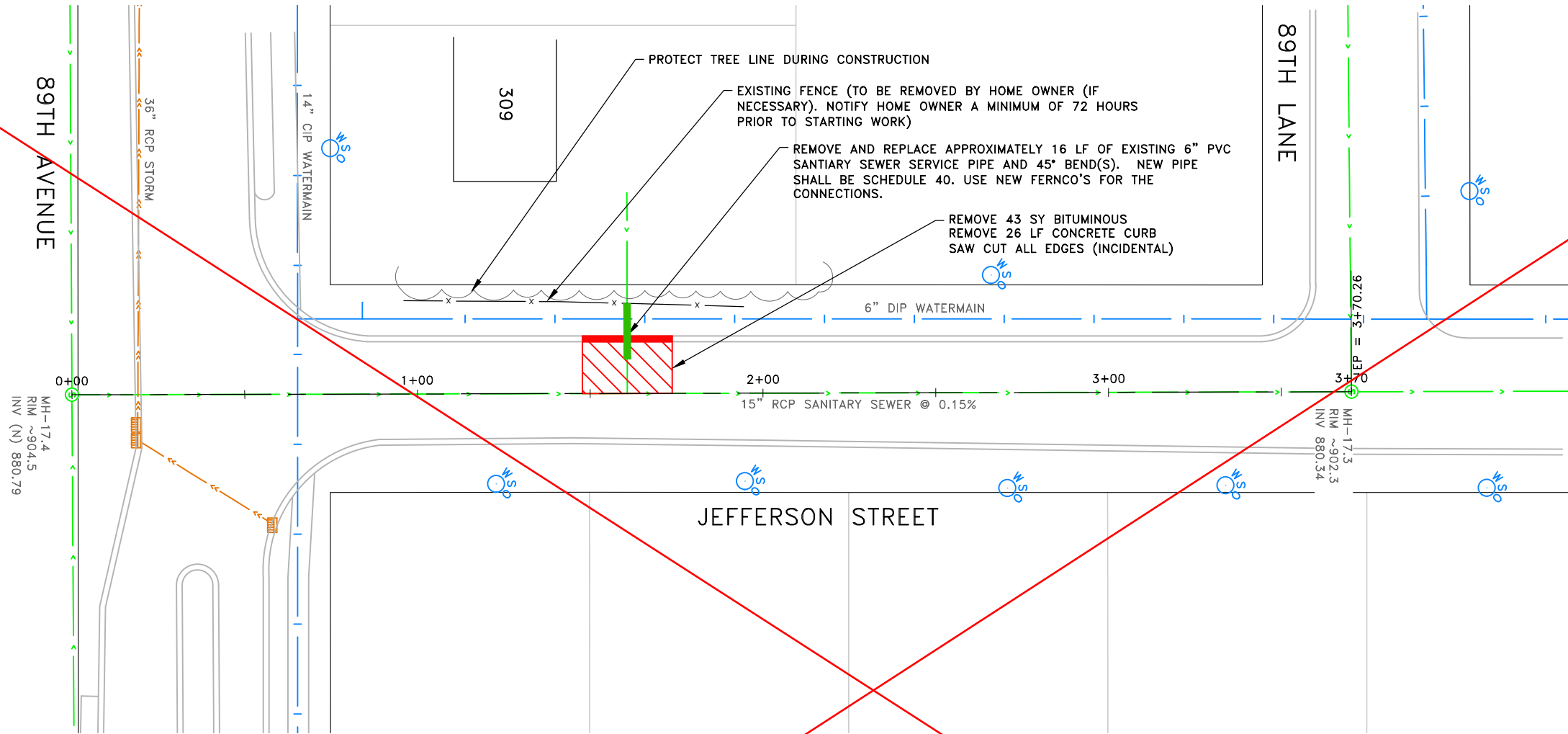
ENGINEERING DEPARTMENT
10801 Town Square Drive, Blaine, Minnesota 55449
Phone (763) 785-6172

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[Signature]
Date 6/12/25 Reg. No. 45850

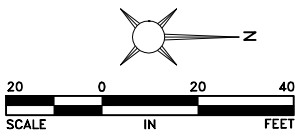
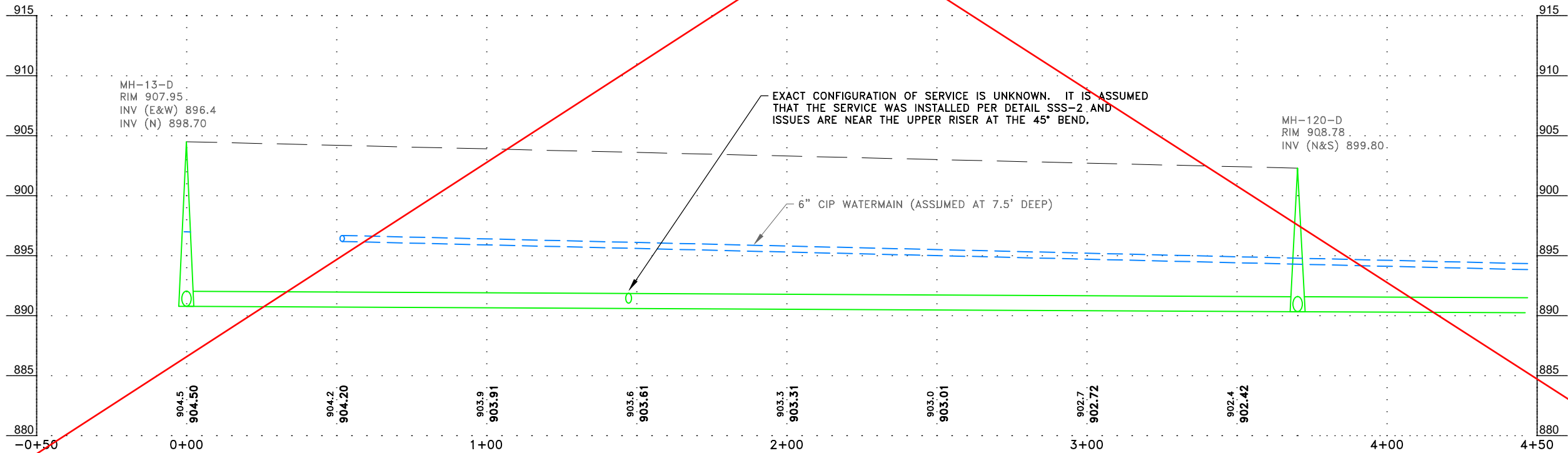
DATE	REVISION	PROJECT NO.
		DESIGN BY: BML DRAWN BY: BML
		CHECKED BY: DSS APPROVED BY: DSS
		AS BUILT BY:

TRAFFIC CONTROL
309 89TH AVENUE AND JEFFERSON STREET
CITY PROJ. NO. 25-26
2025 SANITARY SEWER REPAIRS PROJECT
SHEET NO. 6 OF 7 SHEETS

Jun 24, 2025 - 12:05pm
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 5. IT IS ASSUMED THAT DEWATERING WILL BE NECESSARY.



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Date 6/12/25 Reg. No. 45850

DATE
6/24/25

REVISION
REVISED TO PIPE TYPE AND SIZE

PROJECT NO.	
DESIGN BY: BML	DRAWN BY: BML
CHECKED BY: DSS	APPROVED BY: DSS
AS BUILT BY:	

PLAN AND PROFILE
309 89TH AVENUE AND JEFFERSON STREET
CITY PROJ. NO. 25-26
2025 SANITARY SEWER REPAIRS PROJECT

SHEET NO. 7 OF 7 SHEETS

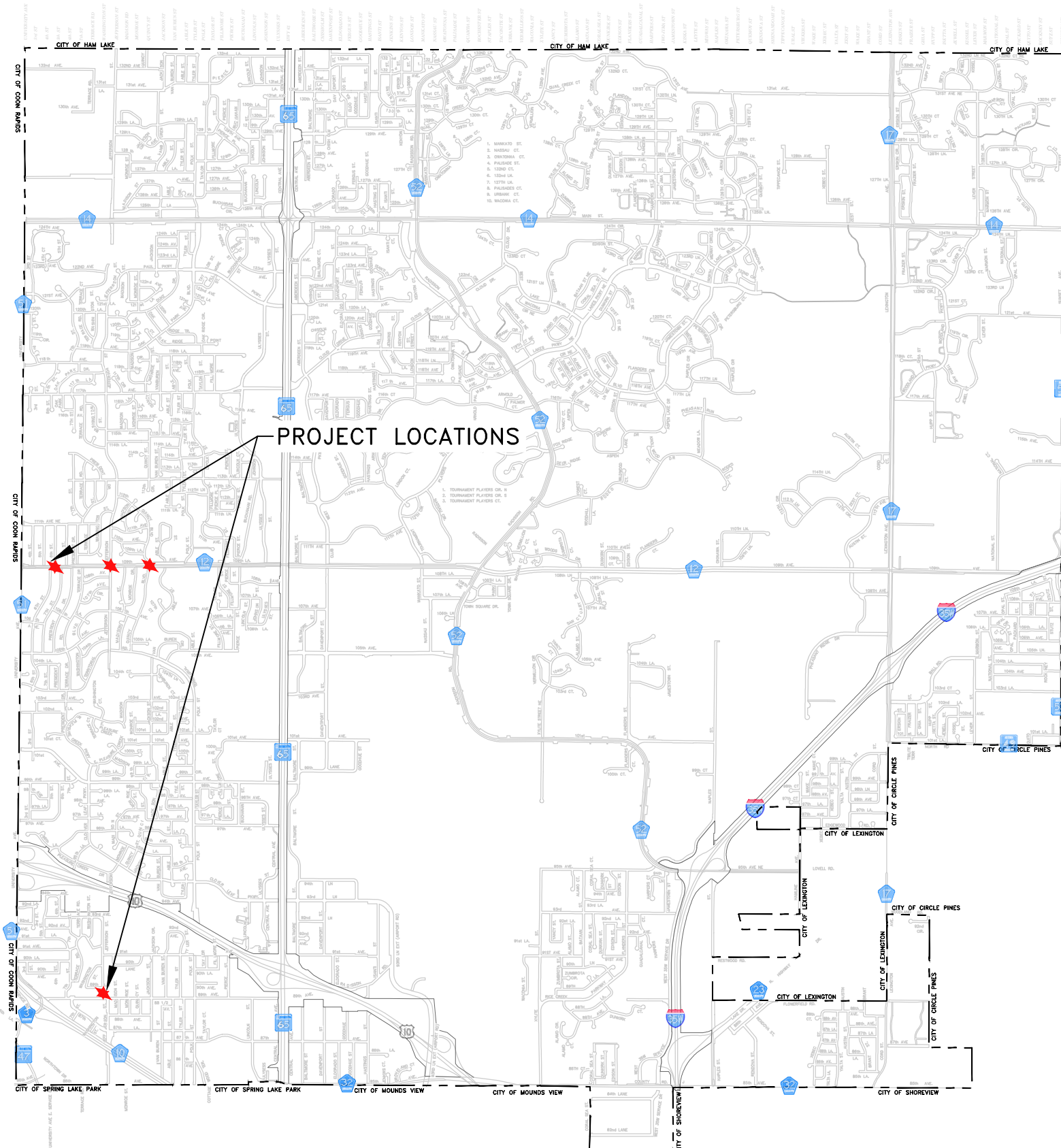
PROJECT LOCATION MAP

EXISTING

- PROPOSED

- NOTES:

1. THE EXACT LOCATION OF UNDERGROUND UTILITIES SUCH AS GAS, TELEPHONE, FIBEROPTIC, ELECTRIC, CABLE TV AND PIPELINES ARE UNKNOWN. THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL BEFORE COMMENCING AND CONSTRUCTION OR EXCAVATION. GOPHER STATE ONE CALL SYSTEM.....1-800-252-166
2. THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."
3. ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE MUTMCD, INCLUDING "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS" - CURRENT EDITION.
4. THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND THE 2020 EDITION OF THE MATERIALS LAB SUPPLEMENTAL FOR CONSTRUCTION SHALL GOVERN EXCEPT AS MODIFIED BY THE SPECIFICATIONS FOR THIS PROJECT.



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Date: 6/12/25 Minnesota Lic. No. 45850

* REVISED 6/24/25

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	TITLE SHEET
2	QUANTITIES, DETAILS AND NOTES
3	109TH AVENUE MANHOLE LININGS
4-5	6TH STREET AT 109TH AVENUE (25-07)
6-7	JEFFERSON STREET AT 89TH AVENUE (25-26)

★ PROJECT LOCATION

STATEMENT OF ESTIMATED QUANTITIES				
ITEM NO.	SPEC. REF.	DESCRIPTION	UNIT	TOTAL ESTIMATED QUANTITY
BID SCHEDULE A - 6TH STREET @ 109TH AVENUE (25-07)				
1	2021.501	MOBILIZATION	LS	1
2	2011.601	CONSTRUCTION SURVEYING	LS	1
3	2104.504	REMOVE BITUMINOUS	SY	207
4	2104.504	REMOVE SANITARY SEWER PIPE AND BENDS	LF	54
5	2105.601	DEWATERING	LS	1
6	2211.509	AGGREGATE BASE CLASS 5 (LV)	CY	29
7	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (4,C)	TON	51
8	2503.503	8" PVC SDR 26 PIPE	LF	54
9	2506.502	CONST SANITARY STRUCTURE - SPECIAL	EACH	1
10	2563.901	TRAFFIC CONTROL	LS	2
11	2573.502	STORM DRAIN INLET PROTECTION	EACH	2
BID SCHEDULE B - JEFFERSON STREET @ 89TH AVENUE (25-26)				
12	2021.501	MOBILIZATION	LS	1
13	2011.601	CONSTRUCTION SURVEYING	LS	1
14	2104.504	REMOVE CONCRETE CURB AND GUTTER	LF	26
15	2104.504	REMOVE BITUMINOUS	SY	43
16	2104.504	REMOVE SANITARY SEWER PIPE AND BENDS	LF	16
17	2105.601	DEWATERING	LS	1
18	2211.509	AGGREGATE BASE CLASS 5 (LV)	CY	7
19	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (4,C)	TON	11
20	2531.503	CONCRETE CURB AND GUTTER DESIGN B618	LF	26
21	2503.503	6" SCHEDULE 40 PIPE	LF	16
22	2563.901	TRAFFIC CONTROL	LS	1
23	2573.502	STORM DRAIN INLET PROTECTION	EACH	2
24	2575.501	TURF ESTABLISHMENT	LS	1

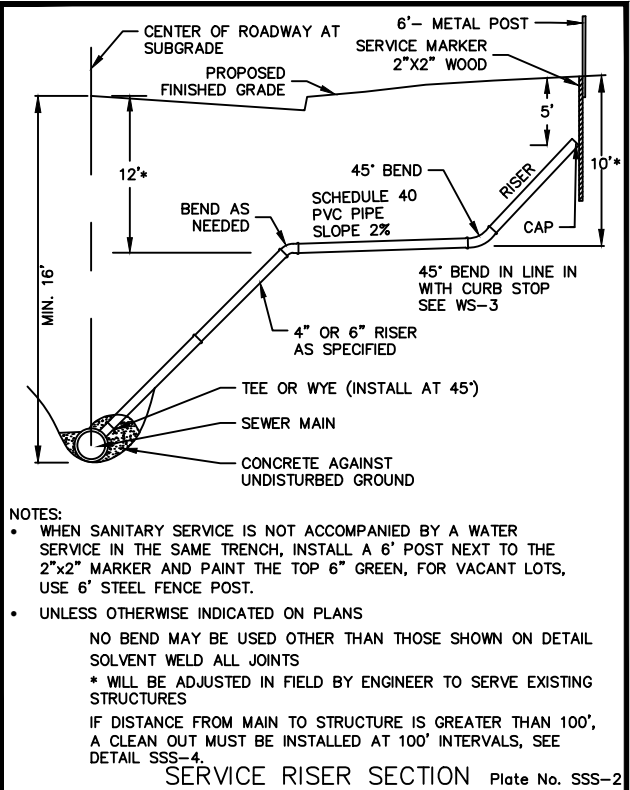
REFERENCE NOTES:

1. NO CLEARING AND GRUBBING IS ANTICIPATED. ONLY TREES AND/OR BUSHES WITHIN THE RIGHT-OF-WAY AND NECESSARY TO INSTALL PIPE AS SHOWN IN THE PLANS SHALL BE REMOVED OR TRIMMED. TREES ON PRIVATE PROPERTY SHALL BE PROTECTED. THIS SHALL BE INCIDENTAL TO THE PROJECT.
2. BITUMINOUS AND CONCRETE SHALL BE SAW CUT TO FULL DEPTH. THIS SHALL BE INCIDENTAL TO THE REMOVAL ITEMS.
3. SANTIARY MANHOLE SHALL HAVE A NEENAH R-1733 FRAME AND CASTING.
4. AGGREGATE BASE SHALL BE SALVAGED AND REINSTALLED TO THE EXTENT POSSIBLE. THIS SHALL BE INCIDENTAL. ADDITIONAL CLASS 5 AGGREGATE SHALL BE IMPORTED. AGGREGATE BASE SHALL BE PLACED AND COMPACTED AS NECESSARY TO MATCH THE EXITING STREET SECTIONS. ADDITIONAL CLASS 5 AGGREGATE BASE SHALL BE PAID BY THE CUBIC YARD LOOSE VOLUME (LV). ALL AGGREGATE BASE SHALL BE COMPACTED TO 100% SPECIFIED DENSITY.
5. BITUMINOUS MIXTURE SHALL BE TYPE SP 12.5 WEAR COURSE (SPWEB440C). SEE NOTES ON EACH SHEET FOR ADDITIONAL INFORMATION.
6. CONTRACTOR SHALL COMPLETE THE ANOKA COUNTY HIGHWAY DEPARTMENT RIGHT-OF-WAY PERMIT AND POST ALL REQUIRED ESCROWS FOR WORK WITHIN THE COUNTY RIGHT-OR-WAY.
7. TURF ESTABLISHMENT SHALL INCLUDE FINE GRADING, SOIL PREPARATION, INCLUDING PLACING STRIPPED TOPSOIL, AND SODDING IN ALL DISTURBED AREAS TO MATCH THE NEW SURFACE TO EXISTING GROUND. TURF ESTABLISHMENT ITEMS SHALL BE AS FOLLOWS:

7.1. RESTORATION SHALL BE COMPLETED WITHIN 24 HOURS OF COMPLETION OF THE EARTH DISTURBING ACTIVITIES.

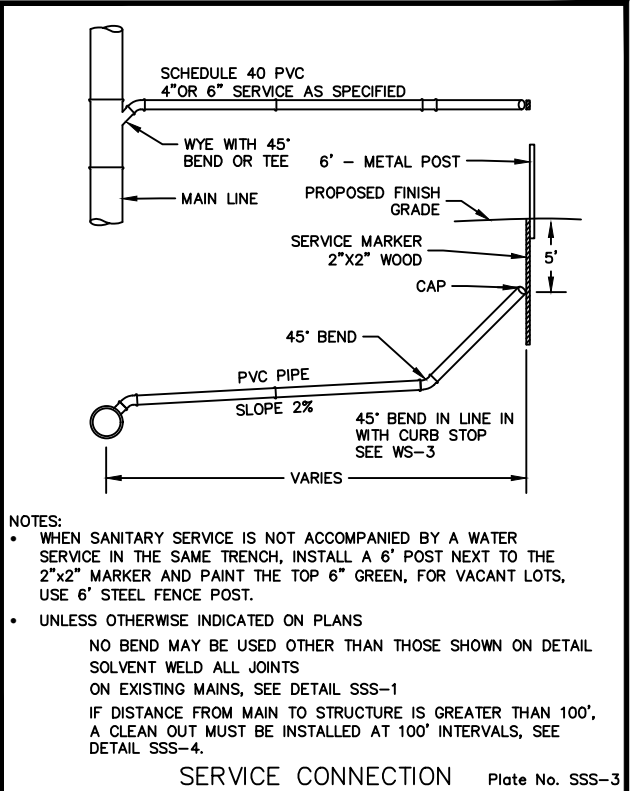
GENERAL NOTES:

1. FOR THE WORK ON 6TH STREET, THE CONTRACTOR SHALL COMPLETE THE WORK PRIOR TO ANOKA COUNTY'S OVERLAY PROJECT OF 109TH AVENUE (CSAH 12). ANTICIPATED START DATE OF THE COUNTY PROJECT IS THE END OF SEPTEMBER 2025.
2. ALL CONSTRUCTION SHALL BE PER BLAINE SPECIFICATIONS, SPECIAL CONDITIONS OF THE CONTRACT, AND MNDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED IN THESE PLANS.
3. A PRE-CONSTRUCTION MEETING SHALL BE HELD A MINIMUM OF 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
4. ALL PERIMETER SEDIMENT AND EROSION CONTROL SHALL BE IN PLACE PRIOR TO ANY EARTH DISTURBING ACTIVITIES.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO COMMENCING ANY EXCAVATION.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SURVEYING NECESSARY TO COMPLETE THE PROJECT AS DESIGNED.
7. SOILS AND STOCKPILE SHALL BE STABILIZED WITHIN 7 DAYS (MAXIMUM) OF INACTIVITY UNLESS OTHERWISE STATED IN THE PLANS.
8. CONTRACTOR SHALL SWEEP STREETS BY THE END OF EACH DAY WITH A PICKUP BROOM WHERE SEDIMENT MAY HAVE TRANSPORTED.



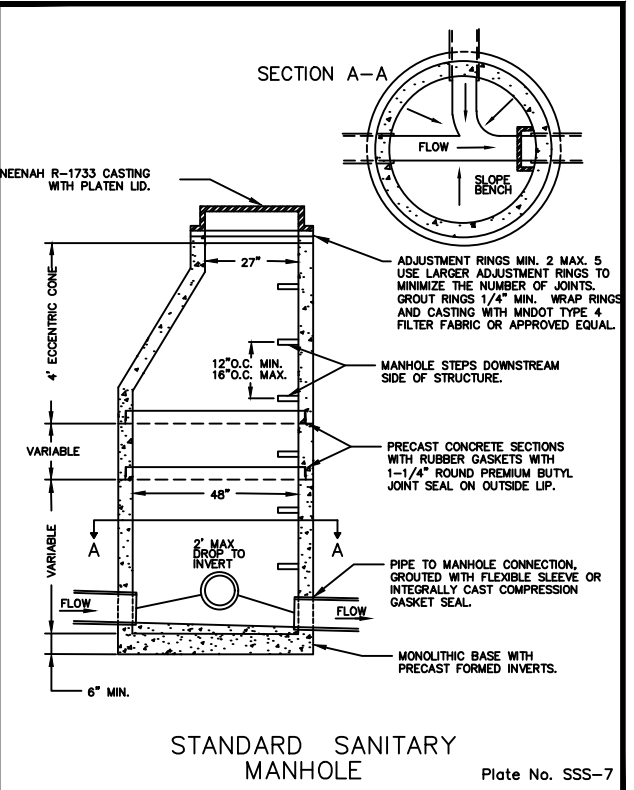


2025 STANDARD DETAIL PLATE
City of Blaine – Engineering Department
10801 Town Square Drive NE, Blaine, Minnesota 55449 763-785-6172 Fax 763-785-6139



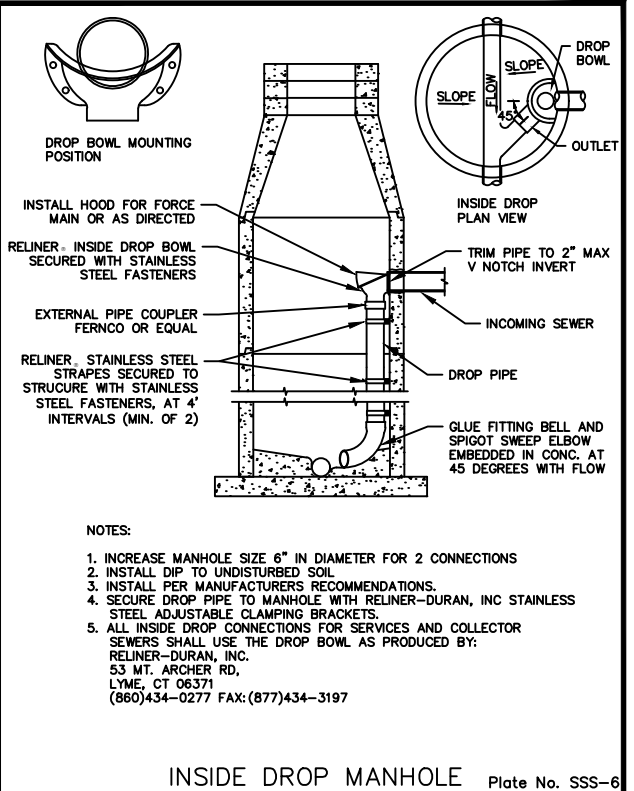


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ENGINEERING DEPARTMENT

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Date 6/12/25 Reg. No. 45850

DATE

6/24/25

REVISION

ITEM 21, REVISED TO PIPE SIZE

PROJECT NO.

DESIGN BY: BML

CHECKED BY: DSS

AS BUILT BY:

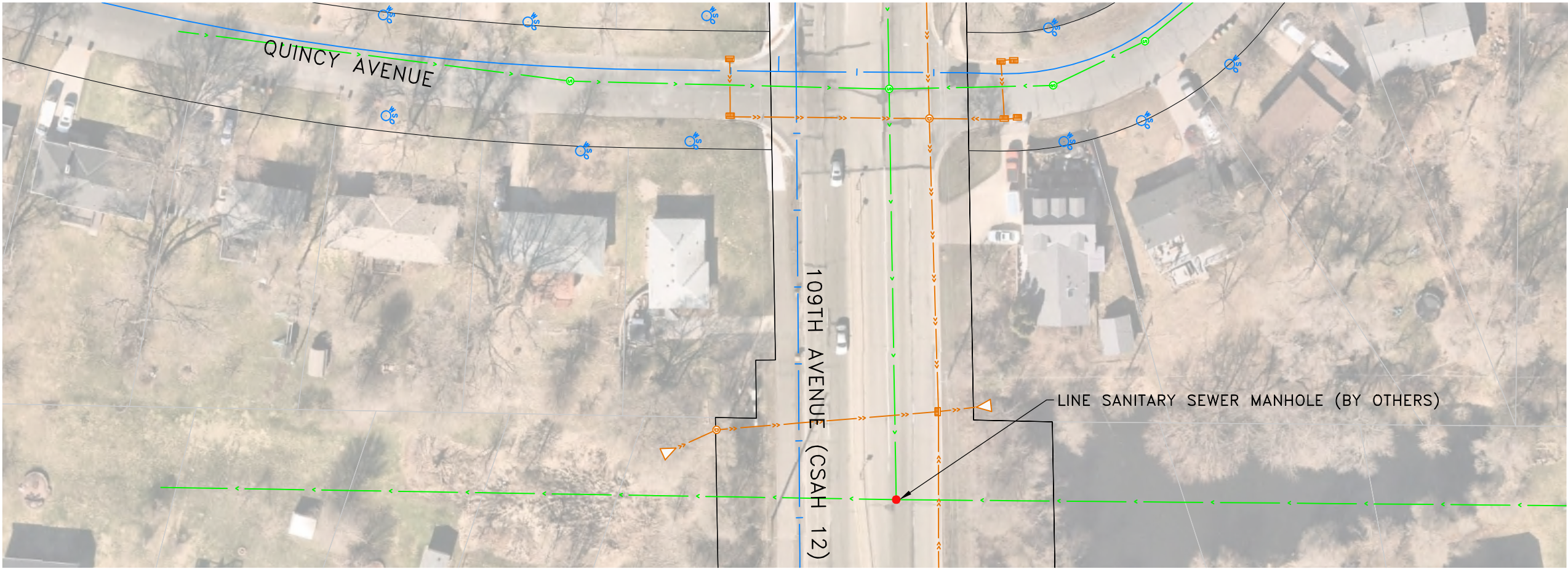
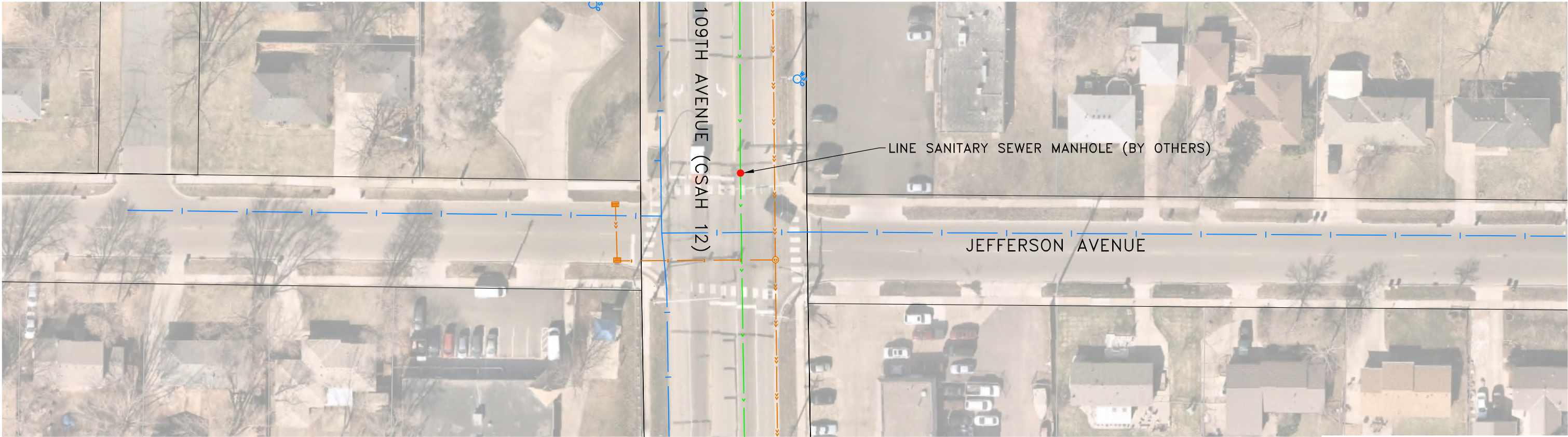
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APPROVED BY: DSS

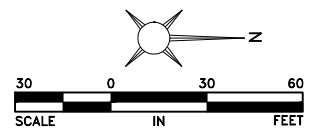
QUANTITIES, DETAILS, AND DETAILS

CITY PROJ. NO. 25-07 & 25-26
2025 SANITARY SEWER REPAIRS PROJECT

SHEET NO. 2 OF 7 SHEETS



- NOTES:
1. BY OTHERS – THIS WORK WILL BE PERFORMED SEPERATLY FROM THE PIPE REPLACEMENTS ON SHEET 4-7.
 2. IT IS THE INTENTION TO PERFORM THIS WORK IN COORDINATION WITH ANOKA COUNTY'S MILL AND OVERLAY PROJECT ALONG 109TH AVENUE. THE LINING OF THE MANHOLES SHALL BE DONE UNDER THE COUNTY'S TRAFFIC CONTROL FOR THEIR 109TH AVENUE PROJECT. NO PAYMENT FOR TRAFFIC CONTROL WILL BE MADE.
 3. IF THE CONTRACTOR CHOOSES TO PERFORM THE MANHOLE LININGS SEPARATE FROM THE COUNTY PROJECT, IT WILL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE THE TEMPORARY TRAFFIC CONTROL NECESSARY ACCORDING TO THE MINNESOTA TEMPORARY TRAFFIC CONTROL FIELD MANUAL. NO PAYMENT FOR TRAFFIC CONTROL WILL BE MADE.
 4. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEERING DEPARTMENT AND ANOKA COUNTY HWY DEPARTMENT A MINIMUM OF 72 HOURS PRIOR TO THE WORK BEING DONE.
 5. CONTRACTOR SHALL COMPLETE THE ANOKA COUNTY HIGHWAY DEPARTMENT RIGHT-OF-WAY PERMIT AND POST ALL REQUIRED ESCROWS.



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REVISION

PROJECT NO.
DESIGN BY: BML DRAWN BY: BML
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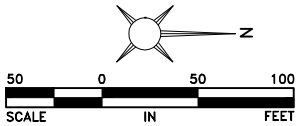
MANHOLE LINING (BY OTHERS)
109TH AVENUE @ JEFFERSON ST AND QUINCY ST
2025 SANITARY SEWER REPAIRS PROJECT
SHEET NO. 3 OF 7 SHEETS

Jun 13, 2025 - 10:33am
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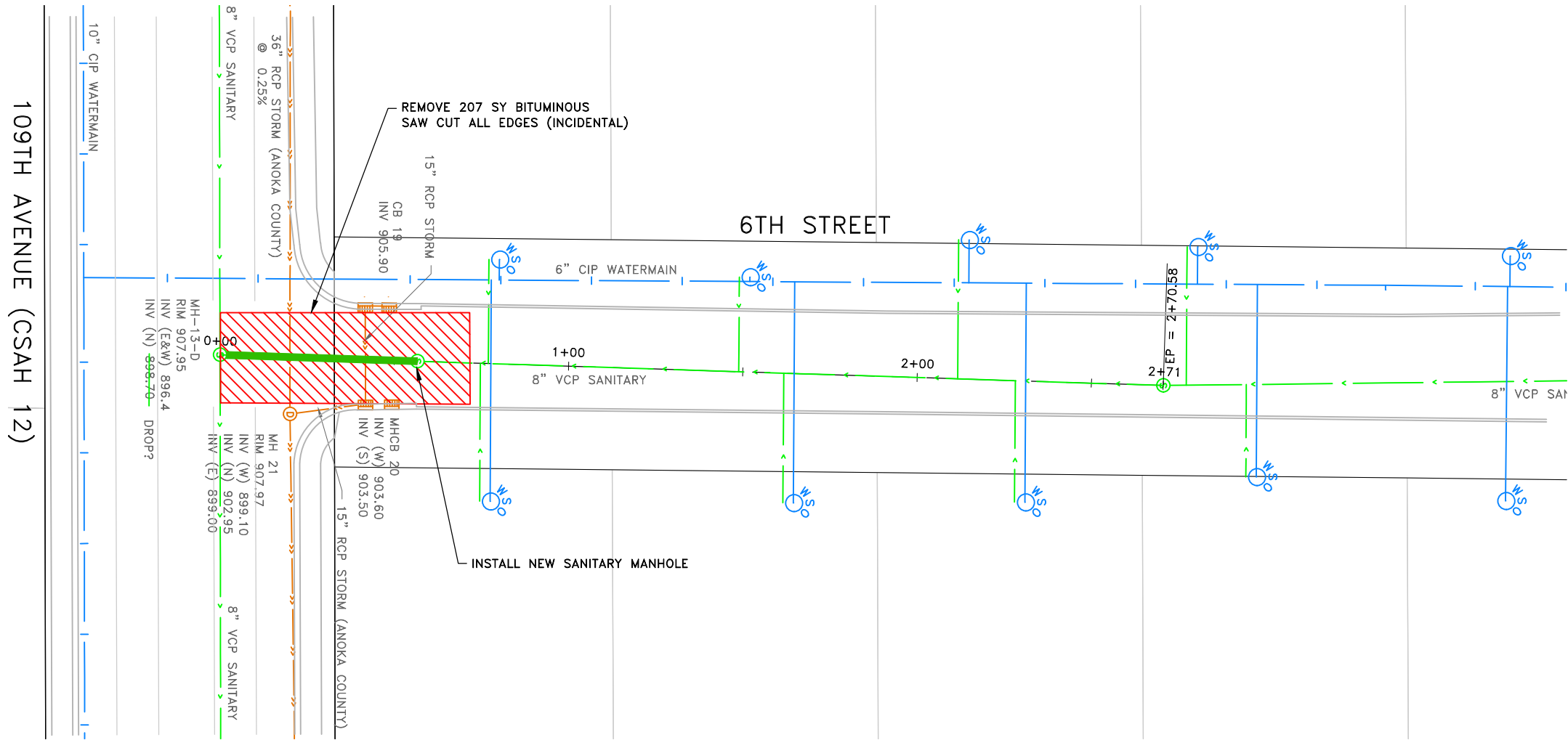


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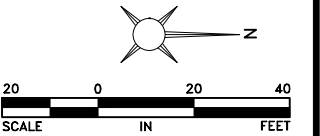
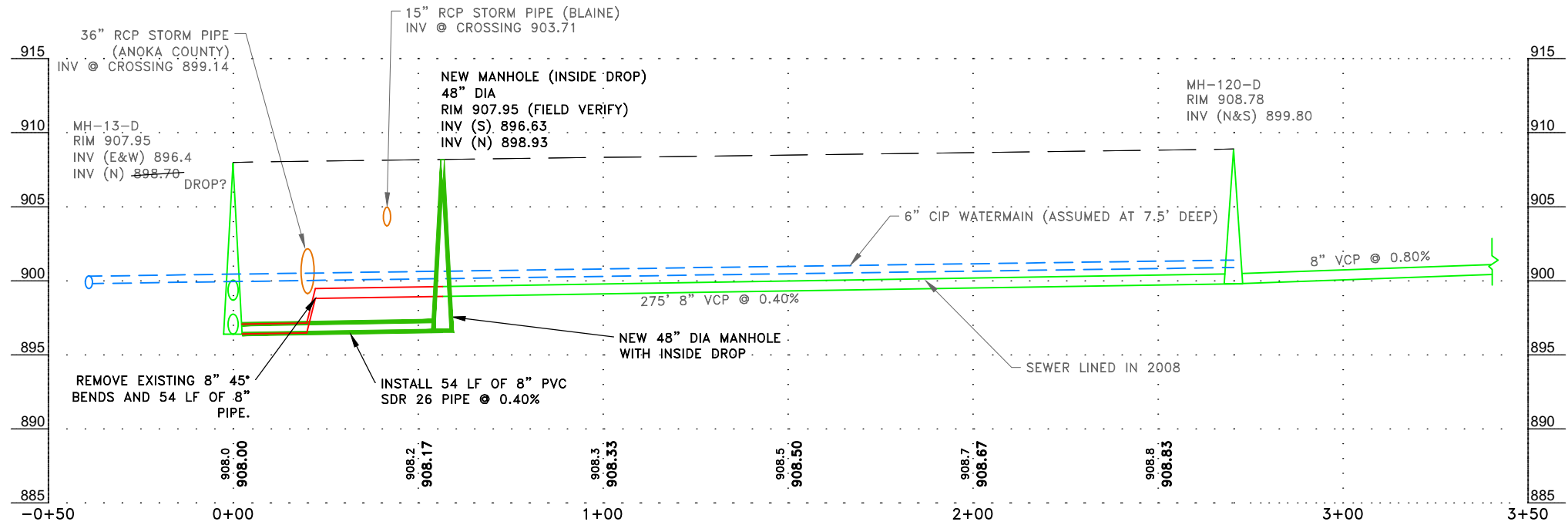
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DATE	REVISION	PROJECT NO.	
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		CHECKED BY: DSS	APPROVED BY: DSS
		AS BUILT BY:	

TRAFFIC CONTROL
6TH STREET @ 109TH AVENUE
CITY PROJ. NO. 25-07
2025 SANITARY SEWER REPAIRS PROJECT



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DATE

6/24/25

REVISION

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PROJECT NO.

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CHECKED BY: DSS

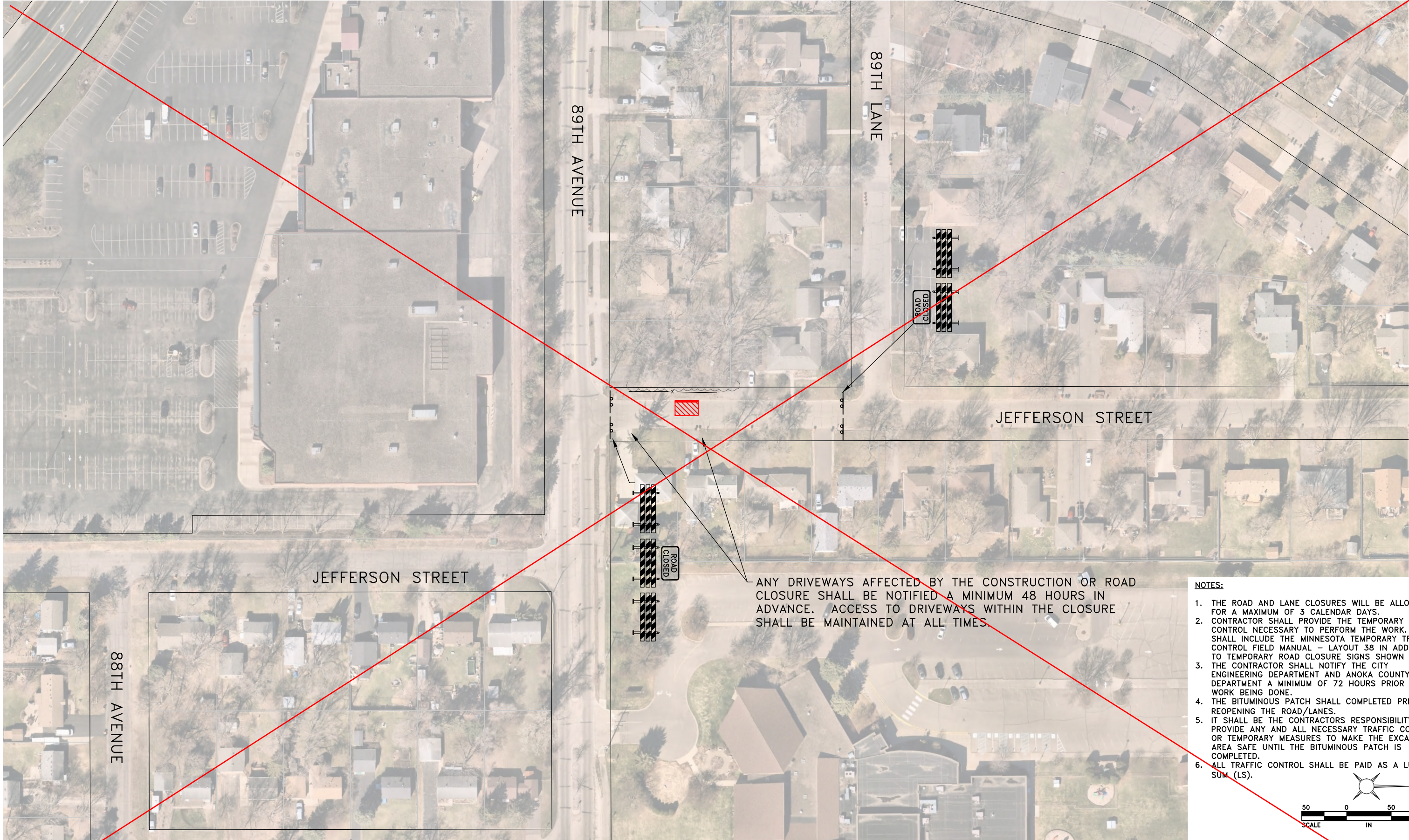
APPROVED BY: DSS

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PLAN AND PROFILE
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CITY PROJ. NO. 25-07
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SHEET NO. 5 OF 7 SHEETS

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SCALE IN FEET



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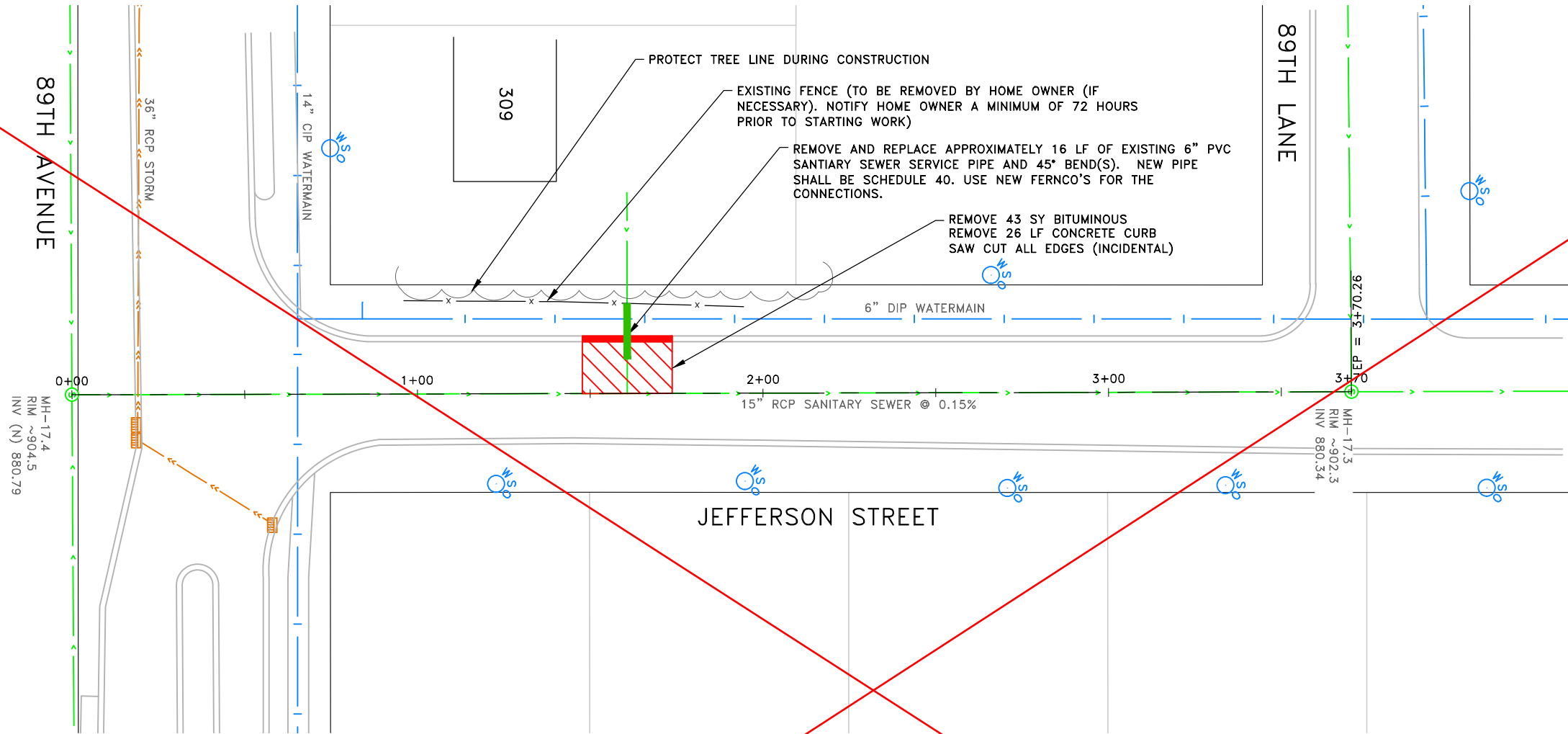
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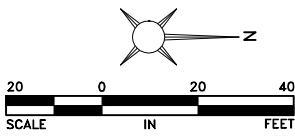
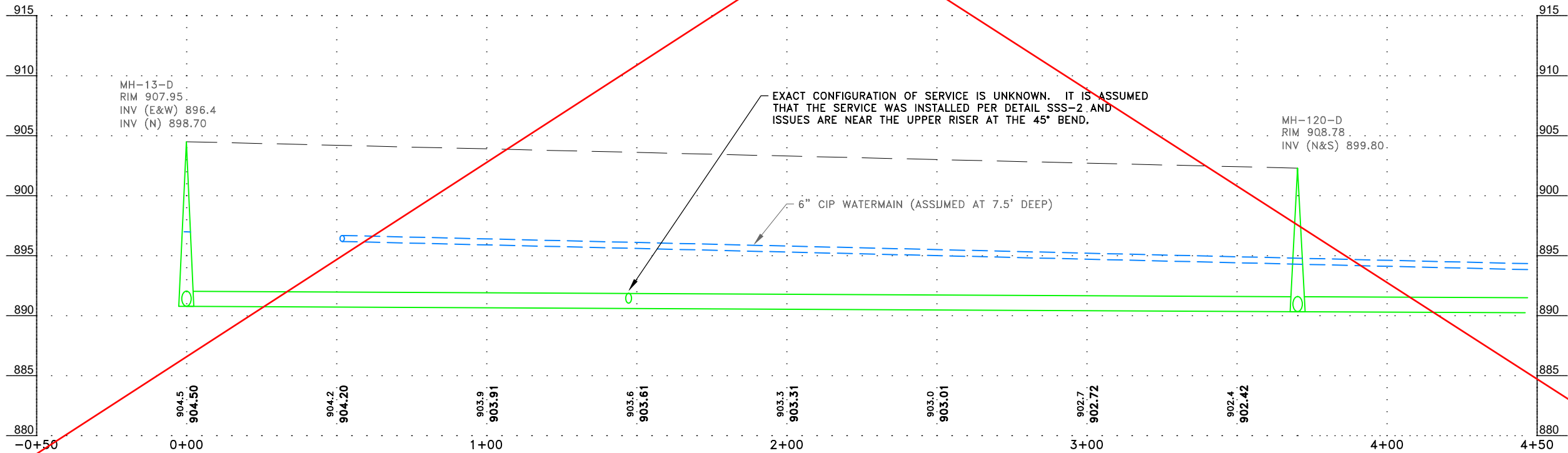
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TRAFFIC CONTROL
309 89TH AVENUE AND JEFFERSON STREET
CITY PROJ. NO. 25-26
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SHEET NO. 6 OF 7 SHEETS

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6/24/25

REVISION
REVISED TO PIPE TYPE AND SIZE

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DESIGN BY: BML	DRAWN BY: BML
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PLAN AND PROFILE
309 89TH AVENUE AND JEFFERSON STREET
CITY PROJ. NO. 25-26
2025 SANITARY SEWER REPAIRS PROJECT

SHEET NO. 7 OF 7 SHEETS

Certificate Of Completion

Envelope Id: 5890AFDD-A438-45D0-AB02-DE92A54B9162

Status: Sent

Subject: Brent Larson - ROW Permit Application

Source Envelope:

Document Pages: 18

Signatures: 1

Envelope Originator:

Certificate Pages: 4

Initials: 1

Highway Permits

AutoNav: Enabled

Anoka County Government Center

Envelopeld Stamping: Enabled

2100 3rd Avenue

Time Zone: (UTC-06:00) Central Time (US & Canada)

Anoka, MN 55303

highwaypermits@anokacountymn.gov

IP Address: 50.145.170.118

Record Tracking

Status: Original

Holder: Highway Permits

Location: DocuSign

7/18/2025 8:15:58 AM

highwaypermits@anokacountymn.gov

Security Appliance Status: Connected

Pool: StateLocal

Storage Appliance Status: Connected

Pool: Anoka County

Location: Docusign

Signer Events

Signature

Timestamp

Brent Larson

blarson@blainemn.gov

Security Level:

DocuSign.email

ID: 1

7/18/2025 8:16:00 AM

Signed by:

62251AD5C0A241C...

Signature Adoption: Pre-selected Style

Using IP Address: 50.145.170.118

Sent: 7/18/2025 8:15:59 AM

Viewed: 7/18/2025 8:16:05 AM

Signed: 7/18/2025 8:31:03 AM

Electronic Record and Signature Disclosure:

Accepted: 6/4/2025 3:08:24 PM

ID: 9de22d9a-f8dc-4a41-83c1-1164bd8fdb5e

Susan Burgmeier

Susan.Burgmeier@anokacountymn.gov

Associate Traffic Technician

Anoka County

Signing Group: Highway Permits

Security Level: Email, Account Authentication
(Optional)

Sent: 7/18/2025 8:31:08 AM

Viewed: 7/18/2025 8:57:56 AM

Electronic Record and Signature Disclosure:

Accepted: 7/8/2025 8:36:00 AM

ID: e3e211d9-e952-4766-bf05-60c9cdb8e8b3

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

Brent Larson

blarson@blainemn.gov

Security Level: Email, Account Authentication
(Optional)

Electronic Record and Signature Disclosure:

Carbon Copy Events	Status	Timestamp
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Not Offered via DocuSign

Witness Events	Signature	Timestamp
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Notary Events	Signature	Timestamp
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Envelope Summary Events	Status	Timestamps
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Envelope Sent	Hashed/Encrypted	7/18/2025 8:15:59 AM
Envelope Updated	Security Checked	7/18/2025 8:31:03 AM
Certified Delivered	Security Checked	7/18/2025 8:57:56 AM

Payment Events	Status	Timestamps
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Electronic Record and Signature Disclosure		
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Email: helpdesk@co.anoka.mn.us

Phone: (763)-324-4110

Address: Anoka County Government Center
Attn: Information Technology, #300
2100 3rd Avenue
Anoka, MN 55303

Required hardware and software

The minimum system requirements for using the DocuSign system may change over time. The current system requirements are found here: <https://support.docusign.com/guides/signer-guide-signing-system-requirements>.

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