

Prepared by the
Utility Agreements and Permits Unit
(Receivable)
(\$100,820.53)

S.P. 6230-33 (T.H. 5)
Location: TH 5 from McKnight Road E. in the
City of Saint Paul to Lakewood Drive in the
City of Maplewood
Utility Owner: Board of Water Commissioners
of the City of Saint Paul
MnDOT Agreement Number 1062077

AGENCY RELOCATION AGREEMENT

This Agreement Number 1062077 (Agreement) is between the State of Minnesota (State), acting through its Commissioner of Transportation and Board of Water Commissioners of the City of Saint Paul, including its agents, contractors, and subcontractors (Utility Owner). This Agreement outlines the separate responsibilities of the State and the Utility Owner as part of a construction project.

RECITALS

The State plans to let a contract to construct State Project Number 6230-33 (Project) on Trunk Highway Number 5. The Project is located from McKnight Road E. in the City of Saint Paul to Lakewood Drive in the City of Maplewood.

The Utility Owner owns and operates watermains, their fixtures, and related equipment (Facilities) that are located on property where the State will construct the Project.

The Project will require the relocation and adjustment of the Utility Owner's Facilities. If the Utility Owner relocated the Facilities or let a separate contract to relocate them, that relocation work would interfere with the Project. The Utility Owner has requested that the State perform the relocation work as part of the Project. Including the Utility Owner's relocation work in the State's Construction contract may eliminate duplication of services, facilitate activity coordination, simplify supervision, and expedite Project construction.

Pursuant to Minnesota Statutes, section 161.46, subdivision 5, the Utility Owner appoints the State as its agent to design and construct the adjustment work as part of the Project and the State may adjust the Facilities as part of the Project on the trunk highway system.

State law requires a written agreement between the State and the Utility Owner that describes their separate responsibilities.

AGREEMENT

I. Term/Termination

- A. *Effective Date:* This Agreement is effective on the date the State obtains all signatures required by Minnesota Statutes, section 16C.05, subdivision 2.
- B. *Commencement of Work:* Upon notice of Agreement approval, the Utility Owner must promptly provide the State (and the State's Contractor (Contractor)) with any information necessary to commence and successfully prosecute the utility work according to the terms of the Notice and Order and a work schedule the State's Project Engineer (Project Engineer) approves.
- C. *Expiration Date:* This Agreement will expire on the date that all obligations, excluding the Utility Owner's ongoing maintenance obligations, have been satisfactorily fulfilled.
- D. *Termination by the State:* The State may terminate this Agreement at any time, with or without cause, on 30 calendar days' written notice to the Utility Owner. Upon termination, the State will be entitled to payment, on a pro rata basis, for satisfactorily performed services. The termination of this Agreement does not relieve the Utility Owner of its obligations under the Notice and Order.
- E. *Survival of Terms:* The following articles survive this Agreement's expiration or termination: (III) Utility Owner's Ongoing Maintenance Requirements; (V) Indemnification; and (VII) Governing Terms.

II. Description of Work Procedures

- A. *Plans:* The Utility Owner will provide relocation plans. These plans, which are attached to this Agreement as Exhibit A, indicate the present and proposed locations of the Facilities.
 - 1. If any changes to the plans or character of the work become necessary, the State and the Utility Owner must agree to the changes before the State makes (or directs the Contractor to make) them. If these changes require an amendment or supplement to this Agreement, the parties will negotiate such amendment or supplement in good faith, and the State is not obligated to commence such changes until such amendment or supplement is fully executed. The State will enter into such supplemental agreements with its Contractor as the State deems necessary to implement such changes.

2. The Utility Owner authorizes the Project Engineer to make any minor field changes and adjustments to the plans, specifications, and special provisions as the State deems necessary for efficient Project construction. The Utility Owner authorizes the State, on its behalf, to enter into supplemental agreements with the Contractor as necessary to implement these changes.

B. *State's Responsibilities*

1. The State will:
 - a. Advertise the Project for bids; and
 - b. Award a construction contract for the Project. This Project will include the relocation work.
2. The Project Engineer will supervise and direct the Project, including the relocation work, but the Utility Owner may inspect the work periodically. If the Utility Owner finds that any completed relocation work is defective, it must inform the Project Engineer of these defects in writing; however, any recommendations the Utility Owner makes are not binding to the State. The State has the exclusive right to determine whether the Contractor has performed the work according to the plans, specifications, and special provisions.
3. The Project Engineer and the Utility Owner will perform a final inspection of the work. Once the State has accepted the relocation work, the Project Engineer will inform the Utility Owner in writing, and the Utility Owner will assume ownership of the Facilities.

C. *Deletion of Work:* If the Utility Owner decides to delete the relocation work from the Project, the Utility Owner will:

1. Pay the State the design engineering cost in Article IV.B.3;
2. Be subject to the Notice and Order and remove and/or relocate the Facilities; and
3. Defend (at its own expense and to the extent Minnesota's Attorney General permits) indemnify, save, and hold the State and all of its agents and employees harmless of and from all claims, demands, actions, or causes of action that deleting the relocation work causes. This obligation to indemnify extends to any attorney's fees.

- D. *Risk:* Risk of loss of partial or complete relocation work will be on the Contractor or the Utility Owner as the current *Standard Specifications for Construction* set forth.

III. Utility Owner's Ongoing Maintenance Requirements

- A. No more than 90 calendar days after receiving as-built plans for the relocation from the State, the Utility Owner must submit one copy of the State's Application for Utility Accommodation on Trunk Highway Right of Way, Form 2525 (Permit), including two copies of "as-built" sketches, for all Facilities within the State's trunk highway right of way to the Utilities Engineer.
- B. Once construction is complete, the Utility Owner must maintain the Facilities at its own expense. The Utility Owner must follow the terms of the Permit when it performs any maintenance work.
- C. The Utility Owner may open and disturb the trunk highway right of way without a permit in the case of an emergency that is dangerous to the public and requires immediate attention. Upon learning of the emergency, the Utility Owner must immediately notify the State Patrol. The Utility Owner must take all necessary and reasonable safety measures to protect the public and must cooperate fully with the State Patrol. In this event, the Utility Owner must request a permit from the proper authority no later than the working day after it begins working in the right of way.

IV. Payment

- A. The State will determine the cost of the relocation on a contract-unit-price basis. The Utility Owner authorizes the State to pay the Contractor directly for the relocation work. As Exhibit B shows, the estimated cost of the Utility Owner's relocation work is \$100,820.53.
- B. The Utility Owner agrees to pay the State the total cost it incurs to relocate the Facilities. The total cost will include:
1. The construction cost, which consists of all of the Contractor's bid item costs to satisfactorily relocate the Facilities according to the plans, specifications, and special provisions;
 2. The construction engineering cost, which is equal to 8 percent of the construction cost; and
 3. The design engineering cost, which is equal to 3 percent of the construction cost.

- C. After acceptance of the bids, the State will notify the Utility Owner of the total cost by providing a written cost schedule.
1. The Utility Owner must accept or reject the total cost no more than 10 calendar days after receiving the cost schedule. If the Utility Owner does not provide this notification after 10 days, the State will consider the lack of response to be the Utility Owner's acceptance of the total cost and the State will proceed with the work.
 2. If the Utility Owner chooses to delete its work from the State's contract, it must still pay the State the design engineering cost specified in Article IV.A. The Utility Owner will be obligated to remove or relocate its Facilities according to the terms of the Notice and Order.
- D. The State will issue the Utility Owner an invoice for the amount specified in the cost schedule. Pursuant to Minnesota Statutes, section 161.46, subdivision 5, the Utility Owner will promptly reimburse the State for the relocation costs.
- E. After the Contractor has completed the work required under its contract and the State has accepted the work, the State will prepare a final computation of the amount due from the Utility Owner.
1. If the final total amount is greater than the amount the State has already received from the Utility Owner, the Utility Owner must promptly pay the difference, without interest, to the State.
 2. If the final total amount is less than the amount the State has already received from the Utility Owner, the State must pay the difference without interest, to the Utility Owner.
- F. The final total cost constitutes payment in full for all relocation work according to this Agreement. This amount also constitutes payment in full for any and all damages, claims, or causes of action of any kind or nature that the Utility Owner may have relating to the relocation of the Facilities.

V. Indemnification

- A. The Utility Owner will defend (at its own expense and to the extent Minnesota's Attorney General allows), indemnify, save, and hold the State and all of its agents and employees harmless of and from all claims, demands, actions, or causes of action arising from the Utility Owner's acts and omissions and from the State's (and its

Contractor's) use of plans, designs, shop drawings, specifications, and special provisions prepared, reviewed, or approved by the Utility Owner. This indemnity obligation extends to any attorney's fees the State incurs in seeking to enforce this obligation, and in defending against any claims covered by this indemnity clause.

- B. The Utility Owner does not waive any defense or immunity of third parties. The Utility Owner, in defending any action on behalf of the State, will be entitled to assert every defense or immunity that the State could assert on its own behalf.

VI. Nondiscrimination

Minnesota Statutes, section 181.59 and any applicable local ordinances pertaining to civil rights and nondiscrimination are considered part of this Agreement.

VII. Governing Terms

- A. *Data Practices:* All parties must comply with the Minnesota Government Data Practices Act (Minnesota Statutes, chapter 13) as it applies to any data that a party to this Agreement receives, collects, stores, or disseminates under it. The Act provides civil liability for failure to comply with its requirements.
- B. *Applicable Law:* Minnesota law governs the validity, interpretation, and enforcement of this Agreement. Venue for all legal proceedings arising out of this Agreement or its breach must be in Ramsey County, Minnesota.
- C. *Waiver:* If a party fails to enforce any provision of this Agreement, that failure does not waive the provision or the party's right to subsequently enforce the provision or any subsequent breach of that provision.
- D. *Merger:* This Agreement contains all negotiations and agreements between the State and the Utility Owner with respect to the subject matter it contains. No prior understanding regarding this Agreement, whether written or oral, may be used to bind either party.
- E. *Assignment:* The Utility Owner may neither assign nor transfer any rights or obligations under this Agreement without the State's consent and a fully executed assignment agreement. To be valid, the assignment agreement must be signed and approved by the same parties who signed and approved this Agreement, or their successors in office.

- F. *Amendments:* Any amendment to this Agreement must be in writing. An amendment will not be effective until the same parties who signed and approved this Agreement, or their successors in office, sign and approve the amendment.
- G. *Incorporation of Exhibits:* All exhibits attached to this Agreement are incorporated into this Agreement.

The remainder of this page was left blank intentionally.

IN TESTIMONY WHEREOF, the parties have duly executed this Agreement by their duly authorized officers and caused their respective seals to be hereunto affixed.

**BOARD OF WATER COMMISSIONERS
OF THE CITY OF SAINT PAUL**

Approved: _____

By: _____
Racquel Vaske, General Manager
Saint Paul Regional Water Services

Date: _____

Approved as to form: _____

By: _____
Assistant City Attorney

Date: _____

By: _____
Chris Tolbert
President

Date: _____

By: _____
Mollie Gagnelius
Secretary

Date: _____

By: _____
Laura Logsdon
Interim Director
Office of Financial Services

Date: _____

S.P. 6230-33 (T.H. 5)
MnDOT Agreement Number 1062077
County: Ramsey
Utility Owner: Board of Water Commissioners of the City of Saint Paul

**STATE OF MINNESOTA
DEPARTMENT OF TRANSPORTATION**

**Department of Transportation
Recommended for Approval:**

By: _____
Metro Utility Coordinator

Date: _____

Department of Administration

By: _____

Date: _____

Approved:

By: _____
Director, Office of Land Management

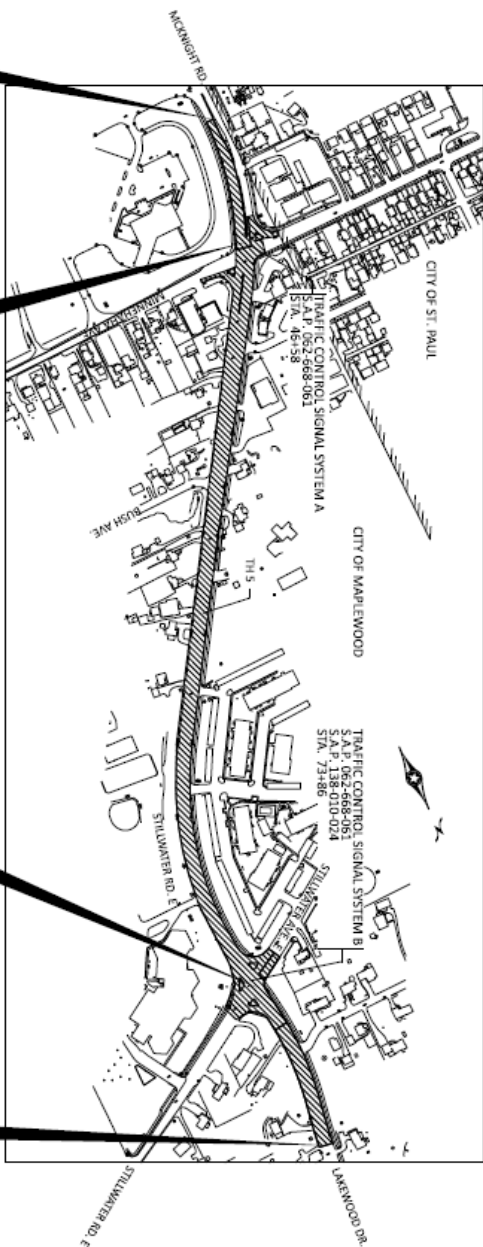
Date: _____

MINNESOTA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN FOR: GRADING, BITUMINOUS MILL & OVERLAY, ADA IMPROVEMENTS, LIGHTING AND SIGNALS

LOCATED ON: TH 5 FROM: 528' SOUTH OF MINNEHAHA AVE TO: 651' NORTH OF STILLWATER AVE E

STATE PROJ. NO. S.P. 6230-33 / S.A.P. 062-668-061
 GROSS LENGTH: 2327.4 FEET, 0.708 MILES
 BRIDGES LENGTH: FEET, 0.000 MILES
 EXCEPTIONS LENGTH: FEET, 0.000 MILES
 NET LENGTH: 2327.4 FEET, 0.708 MILES
 REF. POINT: 135+00.200 TO REF. POINT: 135+00.218



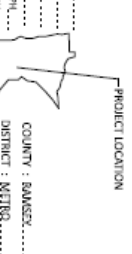
END S.A.P. 062-668-061
 STA. 46+00
 BEGIN S.P. 6230-33 (TH 5)
 S.A.P. 062-668-061
 MCKNIGHT STA. 41+29

END S.A.P. 062-668-061
 STA. 74+00
 BEGIN S.P. 6230-33 (TH 5)
 S.A.P. 062-668-061
 MCKNIGHT STA. 80+38

SCALES



DESIGN DESIGNATION
 Design Speed: 40.0 MPH
 Design Year: 13300
 Design Lane Width: 13.000
 Design Lane Spacing: 13.000
 Design Lane Width: 13.000
 Design Lane Spacing: 13.000
 Design Lane Width: 13.000
 Design Lane Spacing: 13.000



Page 1 of 12

TITLE SHEET

6230-33	SHEET NO.	1
(TH5)	TOTAL SHEETS	58

FED. PROJ. NO. 59961-HV-02274003
 MN DOT Agreement Number: 1062477
 EXHIBIT A1

GOVERNING SPECIFICATIONS

MINNESOTA DEPARTMENT OF TRANSPORTATION
 STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADWAYS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL LAYOUT
3 - 5	ESTIMATED QUANTITIES
6	STANDARD PLANS
7	CONSTRUCTION PLAN
8	SOILS & CONSTRUCTION NOTES
9	TABULATIONS
10 - 12	INFACE UTILITY INFORMATION
13 - 16	TYPICAL SECTIONS
17 - 18	ALIGNMENT PLANS
19 - 20	INFACE TOPOGRAPHY & UTILITY PLANS
21 - 22	REMOVAL PLANS
23 - 27	CONSTRUCTION PLANS
28 - 33	PROFILES
34 - 39	ADA PLANS
40 - 42	ENVIRONMENTAL MANAGEMENT PLANS
43 - 49	EROSION CONTROL AND TREE ESTABLISHMENT PLANS
50 - 52	TRAFFIC CONTROL SIGNALS
53 - 58	TRAFFIC CONTROL SIGNAL PLAN

THIS PLAN CONTAINS 127 SHEETS

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 PRINT NAME: ROBERT E. BROWN, JR. LICENSE # 29282
 DATE: 10/20/2018
 DESIGN SQUARE: 1200' X 200', 2400' X 200', 3600' X 200'

RECOMMENDED FOR APPROVAL: CITY OF MARLEWOOD ENGINEER DATE: _____
 APPROVED: RAMSEY COUNTY HIGHWAY ENGINEER DATE: _____

APPROVED FOR STATE AND FEDERAL: DATE: _____
 STATE AND ENGINEER: DATE: _____
 OFFICE OF LAND MANAGEMENT APPROVAL: DATE: _____

S.A.P. 138-010-024, S.A.P. 062-668-061

STATEMENT OF ESTIMATED QUANTITIES

TAG	SHEET NUMBER	ITEM NUMBER	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	SP 6230-33			
						(H-5)	(A)	(B)	(C)
						SPRVS	(D)		
						ESTIMATED QUANTITIES	ESTIMATED QUANTITIES	ESTIMATED QUANTITIES	ESTIMATED QUANTITIES
		2011.601	AS BUILT	LUMP SUM	1	1			
		2021.501	MODIFICATION	LUMP SUM	1	0.78	0.14	0.05	0.03
		2051.501	MAINT AND RESTORATION OF HALL TOWNS MATERIAL DELIVERY MANAGEMENT SYSTEM	LUMP SUM	1	1			
		2092.602	ENVIRONMENTAL PRODUCT DECLARATION CHIRPING	ACRE	3	3			
		2101.505	PAVEMENT MARKING REMOVAL	LIN FT	2621	0.2	2621		
		2102.503	REMOVE PIPE ABRON	EACH	1	1			
		2104.502	REMOVE CASTING	EACH	14	14			
		2104.502	REMOVE HYDRAULIC	EACH	3				3
		2104.502	REMOVE DIELECTRIC / AMBER	EACH	8	8			
		2104.502	REMOVE SIGN	EACH	14	14			
		2104.502	SALVAGE SIGN	EACH	21	21			
		2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	100	100			
		2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	4771	4771			
		2104.503	REMOVE WATER MAIN	LIN FT	58	58			58
		2104.503	REMOVE PIPE SEWERS	LIN FT	109	109			
		2104.503	REMOVE CURB AND GUTTER	LIN FT	4437	4437			
		2104.518	REMOVE BITUMINOUS WALK	SOIT	2900	2900			
		2104.518	REMOVE CONCRETE WALK	SOIT	4924	4924			
		2104.518	REMOVE CONCRETE DRIVEWAY PAVEMENT	SOIT	2222	2222			
		2104.518	REMOVE BITUMINOUS PAVEMENT	SOIT	33010	33010			
		2104.518	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SOIT	3718	3718			
		2104.601	HAUL SALVAGED MATERIAL	LUMP SUM	1	1			
		2104.602	SALVAGE SIGN SPECIAL	EACH	1	1			
		2108.502	EXCAVATION - COMMON	CY/D	3460	3460			
		2108.502	EXCAVATION - COMMON AND FORD	CY/D	611	611			
		2108.507	SPECT GRANULAR BACKFILL (CY)	CY/D	146	146			
		2108.507	COMMON BACKFILL (CY)	CY/D	2040	2040			
		2108.504	GEOTEXTILE FABRIC TYPE 2	SQ/YD	1004	1004			
		2211.507	AGGREGATE BASE (CY) CLASS 5	CY/D	1146	1146			
		2252.504	MUL BITUMINOUS SURFACE B 07	SQ/YD	796	378	418		
		2252.604	MUL BITUMINOUS PAVEMENT (SPECIAL)	SQ/YD	19377	14990	4387		
		2353.504	UTLITAHIN BONDING WEARING COURSE	SQ/YD	19377	14990	4387		
		2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (L.C)	TON	221	221			
		2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (L.C)	TON	844	767	77		
		2451.507	CORNER FILTER AGGREGATE (CY)	CY/D	484	484			
		2451.609	GRANULAR BACKFILL	TON	89	89			89

- (A) 90% FEDERAL HSIF, 10% STATE FUNDS (CAPPED) - REMAINDER 81.42% FEDERAL STGB, 18.58% STATE FUNDS.
- (B) 100% RAMSEY COUNTY FUNDS. SEE AGREEMENT #1059129
- (C) 100% CITY OF MADISON FUNDS. SEE AGREEMENT # 1059129
- (D) 100% ST. PAUL REGIONAL WATER SERVICE. SEE UTILITY AGREEMENT # 1062077



Department of Transportation

Robert Newby
Licensed Professional Engineer

Robert Newby
LIC. NO. 29421
DATE: 28 JAN 2025

I HEREBY CERTIFY THAT THIS PLAN SHEET WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MISSOURI.

ESTIMATED QUANTITIES

SP 6230-33
(TH 5)

SHEET NO. 3
TOTAL SHEETS 55

S.A.P. 138-010-024 S.A.P. 062-668-061

STATEMENT OF ESTIMATED QUANTITIES

SHEET NUMBER	ITEM NUMBER	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	SP 6230-33			SPRINKS ESTIMATED QUANTITIES
					(H 5) ESTIMATED QUANTITIES	(A) ESTIMATED QUANTITIES	(B) ESTIMATED QUANTITIES	
X	H07	2501.602	15" PIPE AFRON	EACH	1			
WM	WM3	2502.503	3" PVC PIPE DRAIN	LINEF	30			30
DR 4	H07	2502.503	4" PERI TP PIPE DRAIN	LINEF	712			
X	H07	2503.503	24" CP PIPE SWEH	LINEF	1745			
X	H07	2503.503	12" RC PIPE SWEH DESIGN 300K CLASS V	LINEF	16			
X	H07	2503.503	15" RC PIPE SWEH DESIGN 300K CLASS V	LINEF	577			
X	H07	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	6			
X	H07	2503.603	91/5 FILL AND AMMORON PIPE SWEH	LINEF	90			
DR 4	H07	2503.604	4" INSULATION	SQYD	108			
WM	WM3	2504.602	HYDRANT	EACH	3			3
WM	WM3	2504.602	VALVE BOX	EACH	1			1
WM	WM3	2504.602	ADJUST VALVE BOX	EACH	22			22
WM	WM3	2504.602	REPAIR VALVE BOX	EACH	2			2
WM	WM3	2504.602	VALVE BOX CLEANOUT	EACH	31			31
WM	WM3	2504.602	6" GATE VALVE AND BOX	EACH	1			1
WM	WM3	2504.602	CLUB BOX	EACH	1			1
WM	WM3	2504.602	ADJUST CLUB BOX	EACH	3			3
WM	WM3	2504.602	1" CLUB STOP AND BOX	EACH	1			1
WM	WM3	2504.603	1" TYPE K COPPER PIPE	LINEF	40			40
WM	WM3	2504.603	6" WATERMAIN DUCTILE IRON C1.53	LINEF	28			28
WM	WM3	2504.604	2" INSULATION	SQYD	92			92
WM	WM3	2504.608	DUCTILE IRON FITTINGS	PCOUND	471			471
1.08.3	11.H07	2506.502	CASTING ASSEMBLY	EACH	35			35
M	H07	2506.502	ADJUST FRAME AND RING CASTING	EACH	16			16
X	H07	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LINEF	15.2			15.2
X	H07	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN S0.48	LINEF	14.3			14.3
X	H07	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48.4020	LINEF	55.7			55.7
X	H07	2506.602	CONNECTED EXISTING DRAINAGE STRUCTURE	EACH	1			1
X	H07	2506.602	CONSTRUCT DRAINAGE STRUCTURE SPECIAL	EACH	1			1
WM	WM3	2506.602	CASTING ASSEMBLY SPECIAL	EACH	2			2
B.C	10.11	2521.518	6" CONCRETE WALK	SQFT	19460			19460
C	11	2521.602	BILL AND GROUT REIN BAR (EPoxy COATED)	EACH	522			522
B.C	10.11	2521.618	CONCRETE CURB AND WALK	SQFT	5287			5287
B	10	2531.504	6" CONCRETE CURB AND GUTTER DESIGN B0.24	LINEF	3840			3840
C	11	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQYD	427			427
C	11	2531.603	CONCRETE SILL	LINEF	107			107
C	11	2531.603	CONCRETE CURB AND GUTTER	LINEF	425			425
C	11	2531.618	TRUNCATED DOCKS	SQFT	460			460
TC	TC2	2533.503	PORTABLE PRECAST CONCRETE BARRIER DESIGN R337	LINEF	400			400
TC	TC2	2533.503	RELOCATE PORTABLE PRECAST CONCRETE BARRIER DESIGN R337	LINEF	800			800

- (A) 90% FEDERAL HSIP, 10% STATE FUNDS (CAPPED) . REMAINDER 81.42% FEDERAL STGB, 18.58% STATE FUNDS.
- (B) 100% RAMSEY COUNTY FUNDS. SEE AGREEMENT #1059129
- (C) 100% CITY OF MAPLEWOOD FUNDS. SEE AGREEMENT # 1059129
- (D) 100% ST. PAUL REGIONAL WATER SERVICE. SEE UTILITY AGREEMENT # 1062077



Robert Kowalski
 Licensed Professional Engineer
 DATE: 26 JAN 2025

I HEREBY CERTIFY THAT THIS PLAN SHEET 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.

S.A.P. 138-010-024 S.A.P. 062-668-061

ESTIMATED QUANTITIES	SP 6230-33	SHEET NO.	4
	(H 5)	TOTAL SHEETS	55

MNDOT Agreement Number 1062177
 Exhibit A

STATEMENT OF ESTIMATED QUANTITIES

TAG	SHEET NUMBER	ITEM NUMBER	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	SP 6230-33			
						(A) ESTIMATED QUANTITIES	(B) ESTIMATED QUANTITIES	(C) ESTIMATED QUANTITIES	(D) ESTIMATED QUANTITIES
F	11	2560 602	MAU ROCK SUPPORT	EACH	10	10			
X	H07	2554 502	GLUE POST TYPE B	EACH	1	1			
		2563 601	TRAFFIC CONTROL	LUMP SUM	1	0.78	0.14	0.05	0.03
TC	TC2	2563 602	PERVAPE BARRIER DELINEATOR	EACH	48	48			
TC	TC2	2563 603	TEMPORARY PREDISTRIAM BUMP	EACH	6	6			
TC	TC2	2563 603	PREDISTRIAM CHANNELIZER	UNIT DAY	684	684			
TC	TC2	2563 613	AUDIBLE MESSAGE DEVICE W/ POSITIONING & LOCATION TONE	UNIT DAY	168	168			
TC	TC2	2563 615	TEMPORARY IMPACT ATTENUATOR	ASSEMBLY	2	2			
TC	TC2	2563 615	RECOIL TEMPORARY IMPACT ATTENUATOR	ASSEMBLY	4	4			
TC	TC2	2563 618	TEMPORARY WAIRWAY SURFACE	SOFT	506	506			
ST	S11	2564 502	INSTALL SIGN	EACH	21	21			
ST	S11	2564 502	DILINEATOR / MANNER PANEL	EACH	6	6			
ST	S11	2564 318	SIGN	SOFT	129	129			
ST	S11	2564 602	INSTALL SIGN SPECIAL	EACH	1	1			
SS	SS1	2565 516	TRAFFIC CONTROL SIGNAL SYSTEM A	SYSTEM	1	0.55	0.46		
SS	SS1	2565 516	TRAFFIC CONTROL SIGNAL SYSTEM B	SYSTEM	1	0.54	0.23	0.23	
SS	SS1	2565 616	TEMPORARY SIGNAL SYSTEM A	SYSTEM	1				
		2572 504	STABILIZED CONSTRUCTION SPIT	LUMP SUM	1	1			
L	12	2573 502	STORM DRAIN INLET PROTECTION	EACH	33	33			
L	12	2573 502	CURB END CORNERS	EACH	2	2			
L	12	2573 503	SILT FENCE, TYPE MS	LINE FT	790	790			
L	12	2573 503	SEDIMENT CONTROL LOG TYPE COMPOST	LINE FT	3559	3559			
L	12	2574 505	SUBSIDIUMS	ACRE	1.3	1.3			
L	12	2574 505	SOIL BERT PREPARATION	ACRE	1.3	1.3			
L	12	2574 508	FERTILIZER TYPE 3	POUND	123	123			
L	12	2575 504	RAPID STABILIZATION METHOD 4	SOYD	6341	6341			
L	12	2575 504	RELIEF REGION PREVENTION CATEGORY 25	SOYD	6341	6341			
L	12	2575 505	SEEDING	ACRE	1.3	1.3			
L	12	2575 608	SEED SOUTHERN SHORTGRASS MONOSIDE	POUND	33	33			
TC	TC2	2581 503	6" REMOVABLE PREFORMED PAVEMENT MARKING TAPE W/RI	LINE FT	2621	2621			
PM	PM1	2582 503	MOBILE RETROREFLECTIVE CONELET MARKERS	LINE FT	19129	19129			
PM	PM1	2582 503	4" SOLID LINE MULTI-COMPONENT GROUND IN/WHI	LINE FT	6509	6509			
PM	PM1	2582 503	6" SOLID LINE MULTI-COMPONENT GROUND IN/WHI	LINE FT	10763	10763			
PM	PM1	2582 503	4" BARRIER LINE MULTI-COMPONENT GROUND IN/WHI	LINE FT	1340	1340			
PM	PM1	2582 503	6" BARRIER LINE MULTI-COMPONENT GROUND IN/WHI	LINE FT	120	120			
PM	PM1	2582 503	6" DOTTED LINE MULTI-COMPONENT GROUND IN/WHI	LINE FT	105	105			
PM	PM1	2582 503	12" SOLID LINE BEEHIVE THERMO GROUND IN/WHI	LINE FT	121	121			
PM	PM1	2582 503	14" SOLID LINE BEEHIVE THERMO GROUND IN/WHI	LINE FT	224	224			
PM	PM1	2582 518	PAVEMENT MARKING SYSTEM THERMO PLASTIC GROUND IN/WHI	SOFT	688	688			
PM	PM1	2582 518	CROSSWALK THERMO PLASTIC GROUND IN/WHI ENHANCED STOP RESISTANCE	SOFT	1212	1212			

- (A) 90% FEDERAL HSID, 10% STATE FUNDS (CAPPED). REMAINDER 81.42% FEDERAL STGB, 18.58% STATE FUNDS.
- (B) 100% RAMSEY COUNTY FUNDS. SEE AGREEMENT #1059129
- (C) 100% CITY OF MAPLEWOOD FUNDS. SEE AGREEMENT # 1059129
- (D) 100% ST. PAUL REGIONAL WATER SERVICE. SEE UTILITY AGREEMENT # 1062077

Robert Stobbe
LICENSED PROFESSIONAL ENGINEER

Robert Stobbe
I.C. NO 29021
DATE: 26 JAN 2016

I HEREBY CERTIFY THAT THIS PLAN SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS.

ESTIMATED QUANTITIES

SP 6230-33 (TH 5)

SHEET NO 5
TOTAL SHEETS 55



WATER (2)

STATION TO STATION	OFFSET (FT)	IMPLCE ITEM	OWNER	LEAVE AS IS	ADJUST (1)	RELOCATE	NOTES
SP 6230-33 (TH 5)							
MCKINIGHT							
44+58-48+13	99' LT - 3.00' LT	VALVE	SPRWS	X			
45+91	180' LT	VALVE	SPRWS	X			
45+95	187' LT	VALVE	SPRWS	X			
46+00	189' LT	VALVE	SPRWS	X			
46+16	169' LT	VALVE	SPRWS	X			
46+24	100' LT	VALVE	SPRWS	X			
46+38-48+65	156' LT - 304' LT	VALVE	SPRWS	X			
47+24-47+92	87' RT - 187' RT	VALVE	SPRWS	X			
47+24-47+74	87' RT - 187' RT	VALVE	SPRWS	X			
47+24-51+30	18' RT - 28' RT	VALVE	SPRWS	X			
48+70-48+71	36' RT - 20' RT	VALVE	SPRWS	X			
48+85	21' RT	VALVE	SPRWS	X			
49+49	29' RT	HND	SPRWS		X		
49+49	20' RT	VALVE	SPRWS		X		
50+18-50+21	43' RT - 25' RT	VALVE	SPRWS	X			
50+55	22' RT	VALVE	SPRWS	X			
50+81-50+82	50' RT - 26' RT	VALVE	SPRWS	X			
51+30-51+44	28' RT - 20' LT	VALVE	SPRWS	X			
48+65-48+91	304' LT - 112' LT	VALVE	SPRWS	X			
49+91-50+02	112' LT - 102' LT	VALVE	SPRWS	X			
49+97-50+02	96' LT - 102' LT	VALVE	SPRWS	X			
50+02-50+67	102' LT - 42' LT	VALVE	SPRWS	X			
50+67-51+44	47' LT - 20' LT	VALVE	SPRWS	X			
51+16	34' LT	VALVE	SPRWS	X			
51+26	19' LT	HND	SPRWS		X		
51+26	42' LT	HND	SPRWS	X			
51+27	34' LT	VALVE	SPRWS	X			
51+47-51+44	59' LT - 20' LT	VALVE	SPRWS	X			
51+44-51+22	20' LT - 6' LT	VALVE	SPRWS	X			
52+15-52+16	51' RT - 18' LT	VALVE	SPRWS	X			
52+23-52+73	51' RT - 17' LT	VALVE	SPRWS	X			
54+00-53+99	54' LT - 14' LT	VALVE	SPRWS	X			
54+12-54+13	14' LT	VALVE	SPRWS	X			
54+47	14' LT	VALVE	SPRWS	X			
54+53-54+53	15' LT - 0' LT	VALVE	SPRWS	X			
54+53-54+61	0' LT - 32' RT	VALVE	SPRWS	X			
54+61-54+68	37' RT - 54' RT	VALVE	SPRWS	X			
54+62	15' LT	VALVE	SPRWS	X			
54+68	54' RT	VALVE	SPRWS	X			
54+68-54+71	54' RT - 204' RT	VALVE	SPRWS	X			
54+72	51' RT	HND	SPRWS		X		
54+74	14' LT	VALVE	SPRWS	X			
57+22-62+55	6' LT - 8' LT	VALVE	SPRWS	X			
57+20-57+71	50' RT - 6' LT	VALVE	SPRWS	X			

NOTES:
 (1) ADJUST ACCESS COVER TO FINAL GRADE. WORK TO BE DONE BY CONTRACTOR
 (2) SET SHEET W/2 FOR FURTHER INFORMATION

WATER (2)

STATION TO STATION	OFFSET (FT)	IMPLCE ITEM	OWNER	LEAVE AS IS	ADJUST (1)	RELOCATE	NOTES
SP 6230-33 (TH 5)							
MCKINIGHT							
58+57-58+56	50' RT - 6' LT	VALVE	SPRWS	X			
58+89	12' LT	VALVE	SPRWS	X			
58+89-58+91	31' LT - 6' LT	VALVE	SPRWS	X			
59+00	12' LT	VALVE	SPRWS	X			
59+19-59+41	50' RT - 6' LT	VALVE	SPRWS	X			
60+09-60+07	50' RT - 7' LT	VALVE	SPRWS	X			
61+74-61+74	45' LT - 7' LT	VALVE	SPRWS	X			
62+27-62+27	49' RT - 8' LT	VALVE	SPRWS	X			
62+24	10' LT	VALVE	SPRWS	X			
62+49	13' LT	VALVE	SPRWS	X			
62+55-62+89	8' LT - 17' RT	VALVE	SPRWS	X			
63+68-62+81	30' RT - 12' RT	VALVE	SPRWS	X			
62+48	30' RT	HND	SPRWS		X		
62+75	21' RT	HND	SPRWS		X		
63+89-64+47	17' RT - 19' RT	VALVE	SPRWS	X			
64+47-65+81	16' RT - 21' RT	VALVE	SPRWS	X			
64+54-64+55	42' LT - 19' RT	VALVE	SPRWS	X			
65+83-66+66	21' RT - 20' RT	VALVE	SPRWS	X			
66+66-67+97	20' RT - 18' RT	VALVE	SPRWS	X			
67+07-68+95	18' RT - 18' RT	VALVE	SPRWS	X			
68+45-69+68	18' RT - 18' RT	VALVE	SPRWS	X			
69+48-69+91	30' RT	HND	SPRWS		X		
69+91	20' RT	VALVE	SPRWS	X			
69+91-69+91	30' RT - 18' RT	VALVE	SPRWS	X			
69+91-70+48	18' RT - 18' RT	VALVE	SPRWS	X			
70+00	17' RT	VALVE	SPRWS	X			
70+48-72+01	18' RT - 18' RT	VALVE	SPRWS	X			
71+01-72+02	18' RT - 18' RT	VALVE	SPRWS	X			
72+07-73+44	18' RT - 18' RT	VALVE	SPRWS	X			
72+07	18' RT	VALVE	SPRWS	X			
73+44-75+56	18' RT - 17' RT	VALVE	SPRWS	X			
73+45	17' RT	VALVE	SPRWS	X			
73+56-74+56	118' LT - 115' RT	VALVE	SPRWS	X			
73+71	18' RT	VALVE	SPRWS	X			
73+79	19' RT	VALVE	SPRWS	X			
73+86	118' LT	VALVE	SPRWS	X			
74+65-74+56	111' RT - 115' RT	VALVE	SPRWS	X			
74+65	115' RT	VALVE	SPRWS	X			
74+65	111' RT	HND	SPRWS		X		
76+80	17' RT	VALVE	SPRWS	X			
76+75	17' RT	VALVE	SPRWS	X			
76+90	17' RT	VALVE	SPRWS	X			

(C) 100% CITY OF PALMWOOD FLORIDA

SANITARY SEWER (C)

STATION TO STATION	OFFSET (FT)	IMPLCE ITEM	OWNER	LEAVE AS IS	ADJUST (1)	RELOCATE	NOTES
SP 6230-33 (TH 5)							
MCKINIGHT							
44+73-46+38	16' LT - 165' LT	SM	MAPLEWOOD	X			
44+73	16' LT	SM	MAPLEWOOD		1		
46+38	165' LT	SM	MAPLEWOOD		1		
46+73-48+67	16' LT - 107' LT	SM	MAPLEWOOD	X			
46+67	10' LT	SM	MAPLEWOOD		1		
46+67-47+62	30' LT - 103' RT	SM	MAPLEWOOD	X			
47+62	103' RT	SM	MAPLEWOOD		1		
48+67-48+89	10' LT - 5' LT	SM	MAPLEWOOD	X			
48+89	5' LT	SM	MAPLEWOOD		1		
48+89-50+21	5' LT - 5' LT	SM	MAPLEWOOD	X			
50+21	5' LT	SM	MAPLEWOOD		1		
50+21-53+93	5' LT - 3' LT	SM	MAPLEWOOD	X			
53+93	3' LT	SM	MAPLEWOOD		1		
53+93-54+48	3' LT - 40' RT	SM	MAPLEWOOD	X			
54+48	40' RT	SM	MAPLEWOOD		1		
54+93-56+89	3' LT - 1' LT	SM	MAPLEWOOD	X			
56+89	1' LT	SM	MAPLEWOOD		1		
56+89-59+74	1' LT - 1' LT	SM	MAPLEWOOD	X			
57+60-58+27	181' LT - 47' LT	SM	MAPLEWOOD	X			
58+27	47' LT	SM	MAPLEWOOD		1		
59+74-62+09	1' LT	SM	MAPLEWOOD	X			
62+09	2' LT	SM	MAPLEWOOD		1		
62+09-66+43	2' LT - 0' LT	SM	MAPLEWOOD	X			
66+43	0' LT	SM	MAPLEWOOD		1		
66+43-69+18	0' LT - 1' RT	SM	MAPLEWOOD	X			
69+18	1' RT	SM	MAPLEWOOD		1		
69+18-72+74	1' RT - 1' LT	SM	MAPLEWOOD	X			
72+74	1' LT	SM	MAPLEWOOD		1		
72+74-74+22	1' LT - 102' RT	SM	MAPLEWOOD	X			
74+22	102' RT	SM	MAPLEWOOD		1		
74+22-74+73	107' RT - 220' RT	SM	MAPLEWOOD	X			
TOTALS							16



Robert Skogdahl
 LICENSED PROFESSIONAL ENGINEER

Robert Skogdahl
 LIC NO. 29422
 DATE: 23 JAN 2025

I HEREBY CERTIFY THAT THIS PLAN SHEET WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND IN ACCORDANCE WITH THE PROVISIONS OF THE FLORIDA PROFESSIONAL ENGINEERING STATUTE.

INPLACE UTILITY INFORMATION

SP 6230-33	SHEET NO. 16
(TH 5)	TOTAL SHEETS 55

WATER
 SANITARY SEWER
 4 OF 4

S.A.P. 138-010-024, S.A.P. 062-668-061



ENGINEERING DIVISION
1900 RICE STREET NORTH
SAINT PAUL, MN 55113

REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA
 NAME: *Walter Zwarg*
 LICENSE NO.: *25000*
 EXPIRES: *12/31/2020*
 REVISIONS: _____ DATE: _____
 DESIGNED: _____ DATE: _____
 CHECKED: _____ DATE: _____
 APPROVED: _____ DATE: _____
 DATE: *01/12/2026* REV. NO.: *1500*

Statement of Estimated Quantities
 TH 5 RELOCATIONS AND ADJUSTMENTS
 2026
 S.P. 0230-33 TH 5
 S.A.P. 138-010-024
 S.A.P. 062-068-081
 SHEET: _____ OF: **WM17**

WATER MAIN SCHEDULE OF QUANTITIES (D)

WM

SP 6230-33

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY
2451	GRANULAR BACKFILL	TON	89
2504	CURB BOX	EACH	1
2504	ADJUST CURB BOX	EACH	3
2506	CASTING ASSEMBLY SPECIAL	EACH	2
2504	REPAIR VALVE BOX	EACH	2
2504	ADJUST VALVE BOX	EACH	22
2504	VALVE BOX	EACH	1
2504	VALVE BOX CLEANOUT	EACH	31
2504	TWO-INCH INSULATION	SQ YD	92
2504	HYDRANT	EACH	3
2504	1" CURB STOP VALVE AND BOX	EACH	1
2504	6" GATE VALVE AND BOX	EACH	1
2504	1 TYPE K COPPER PIPE	LIN FT	40
2502	3" PVC PIPE DRAIN	LIN FT	30
2504	6" WATER MAIN (CL 53)	LIN FT	28
2504	DUCTILE IRON FITTINGS	POUND	471
2104	REMOVE WATER MAIN (ANY SIZE)	LIN FT	58
2104	REMOVE HYDRANT	EACH	3

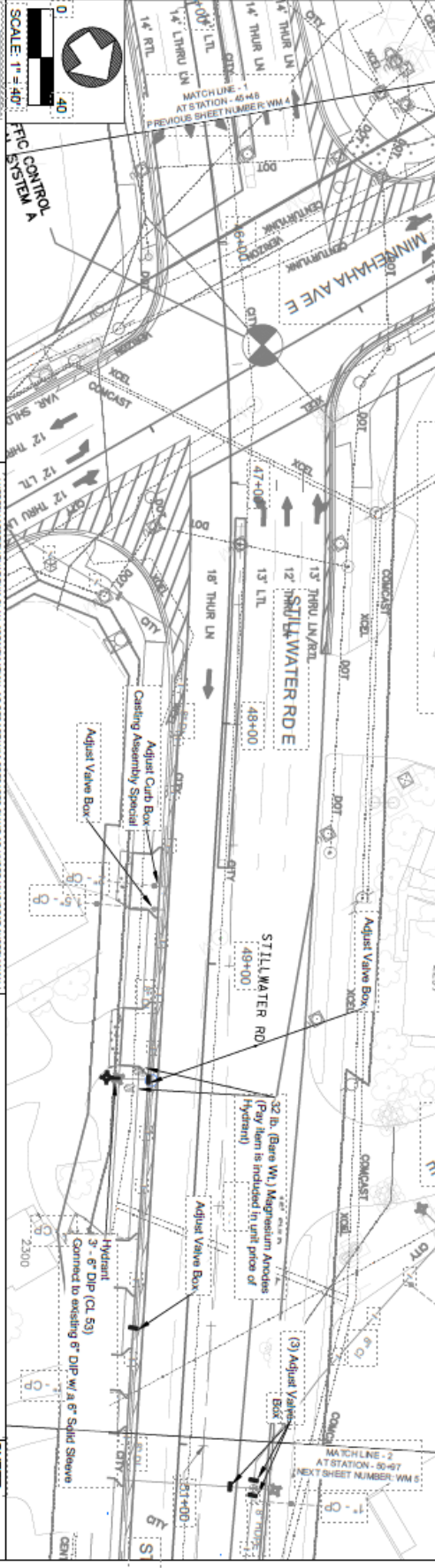
(D) 100% SAINT PAUL REGIONAL WATER SERVICE

ANY CURB STOP LOCATED IN THE TRAIL SHALL REQUIRE CASTING ASSEMBLY SPECIAL INSPECTOR

ALL WORK ON VALVE BOXES AND CURB BOXES TO BE CONFIRMED ONSITE WITH THE SPRING INSPECTOR



SCALE: 1" = 40'



SCALE: 1" = 40'



ENGINEERING DIVISION
1900 RICE STREET NORTH
SAINT PAUL, MN 55113

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE:	01/17/2026	REG. NO.:	5350
DESIGNED:		CHECKED:	
DATE:		DATE:	
REVISION:		REVISION:	
DATE:		DATE:	
REVISION:		REVISION:	

Proposed Water Main

TH 5 RELOCATIONS & ADJUSTMENT

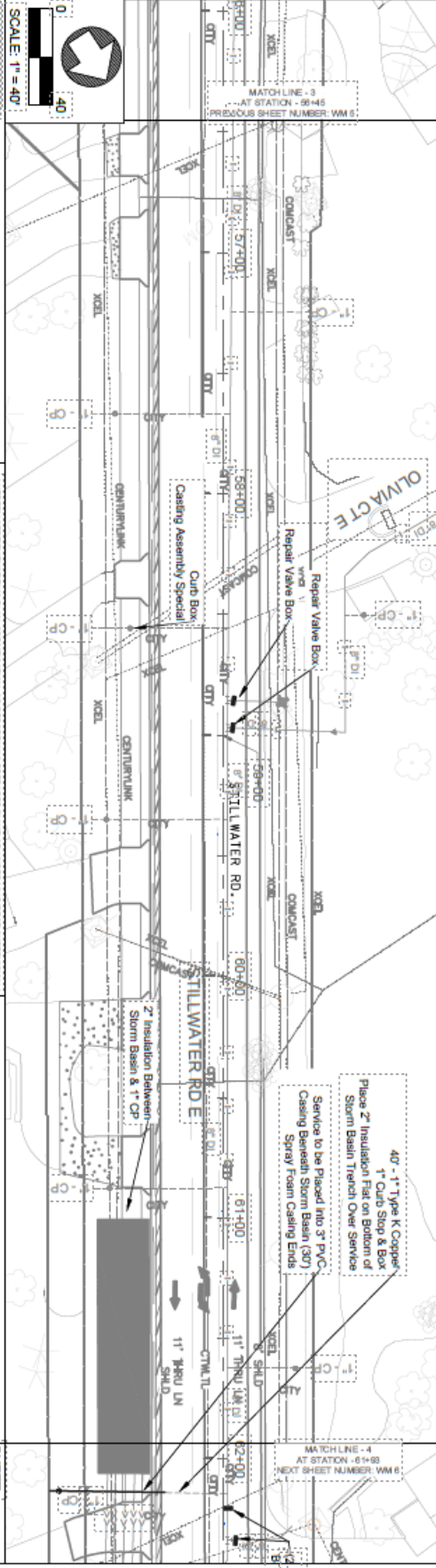
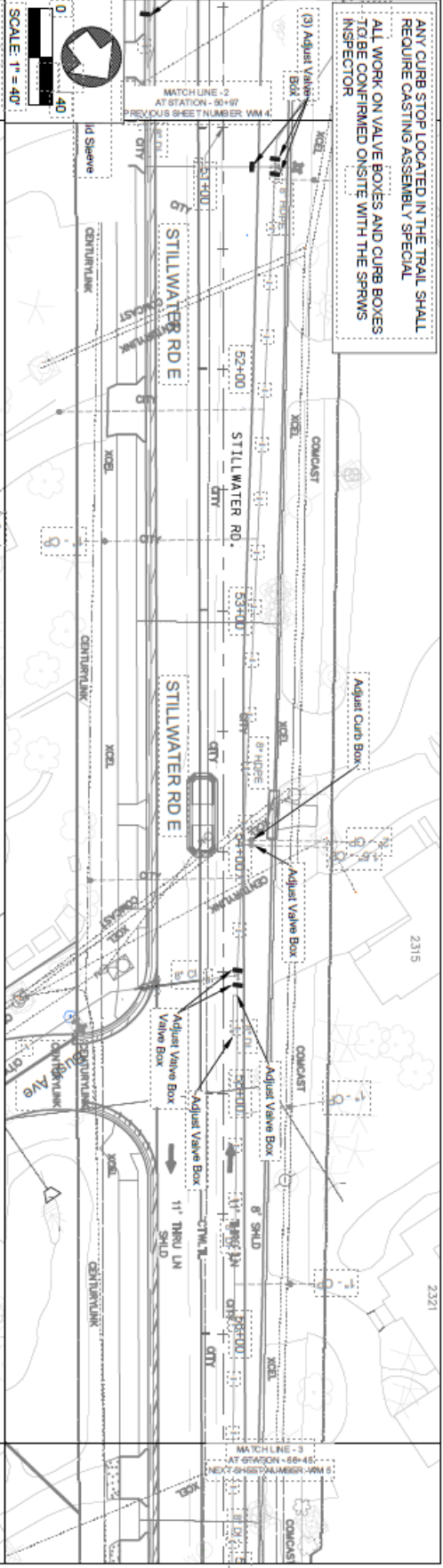
2026

S.P. 6230-33 TH 5

S.A.P. 138-010-024
S.A.P. 082-988-081

SHEET: **WM 4** OF WM 7

ANY CURB STOP LOCATED IN THE TRAIL SHALL REQUIRE CASTING ASSEMBLY SPECIAL
 ALL WORK ON VALVE BOXES AND CURB BOXES TO BE CONFIRMED ON SITE WITH THE SPRWS INSPECTOR



SAINT PAUL REGIONAL WATER SERVICES

ENGINEERING DIVISION
 1800 RICE STREET NORTH
 SAINT PAUL, MN 55113

DESIGNED BY: *Mark D. Anderson*

DATE: 07/12/2026

PROJECT NO.: 26000

REVISIONS:

NO.	DATE	BY	REASON
1	07/12/2026	MD	ISSUED FOR PERMIT

THESE DRAWINGS ARE THE PROPERTY OF SAINT PAUL REGIONAL WATER SERVICES. NO PART OF THESE DRAWINGS SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF SAINT PAUL REGIONAL WATER SERVICES.

Proposed Water Main

TH 5 RELOCATIONS & ADJUSTMENTS

2026

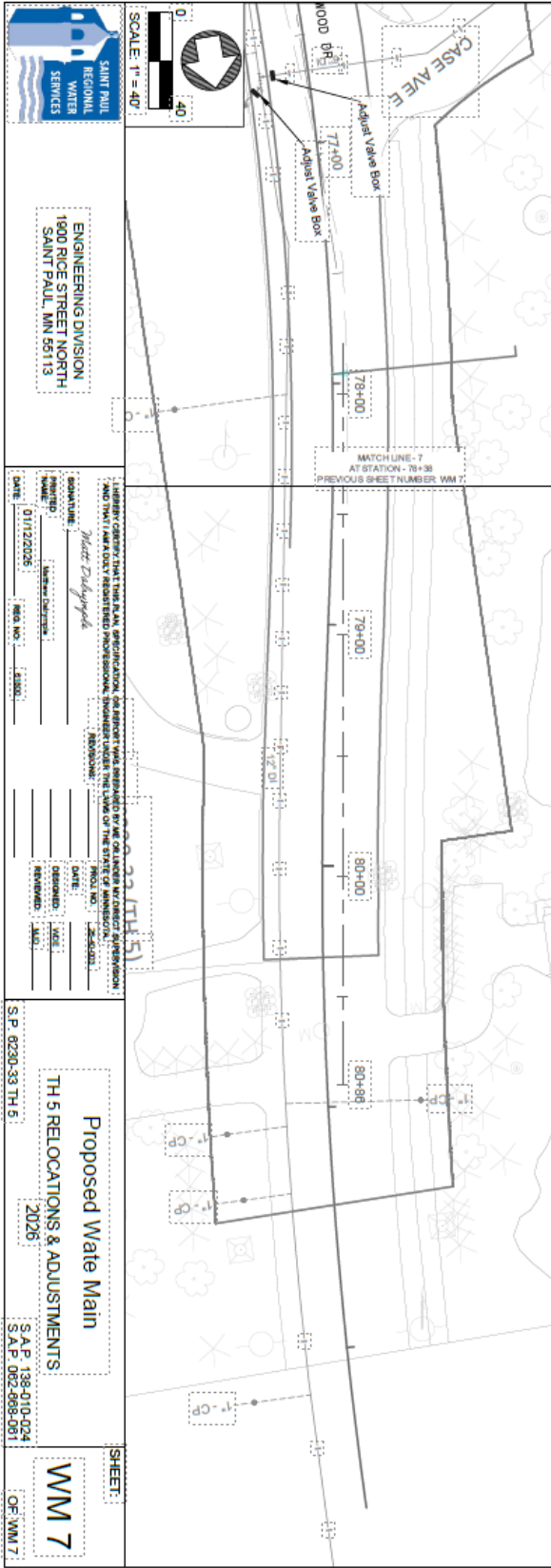
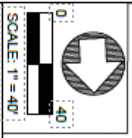
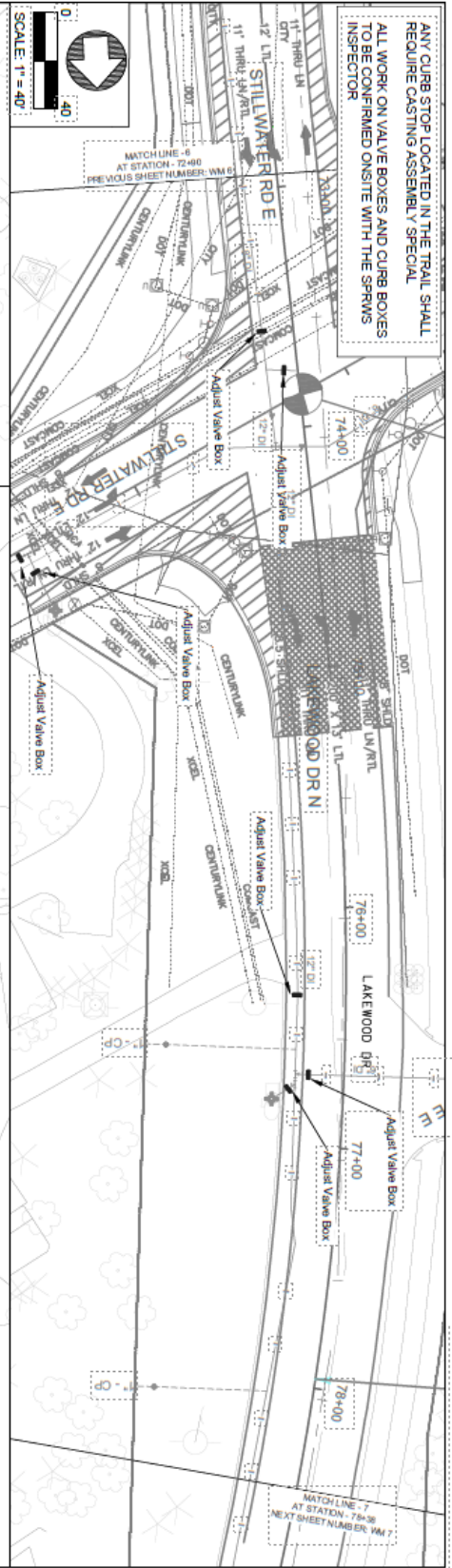
S.A.P. 138-010-024
 S.A.P. 082-068-081

SCALE: 1" = 40'

PROJECT: TH 5 RELOCATIONS & ADJUSTMENTS

SHEET: WM 5 OF WM 7

ANY CURB STOP LOCATED IN THE TRAIL SHALL REQUIRE CASTING ASSEMBLY SPECIAL
 ALL WORK ON VALVE BOXES AND CURB BOXES TO BE CONFIRMED ONSITE WITH THE SPRWS INSPECTOR



ENGINEERING DIVISION
 1600 RICE STREET NORTH
 SAINT PAUL, MN 55113

DATE	01/12/2026	REV. NO.	1
DESIGNED		CHECKED	
DRAWN		IN CHARGE	
PROJECT NO.	2026	PROPOSED	
PROJ. NO.	6230-33 TH 5	DATE	01/12/2026
REVISIONS		DATE	01/12/2026
NO.		BY	
		CHKD	
		APP'D	

Proposed Waste Main
TH 5 RELOCATIONS & ADJUSTMENTS
 2026
 S.A.P. 393-010-024
 S.A.P. 082-985-051
 SHEET:
WM 7
 OF WM 7

MNDOT Agreement Number 1062077
 Exhibit A

S.P. 6230-33 Agency Agreement 1062077						
Saint Paul Regional Water Services						
Estimate Table						
PAYITEM	DESCRIPTION	UNIT	EST. UNIT COST	TOTAL EST QUANTITY	TOTAL COST	
2021.501	MOBILIZATION	LUMP SUM	3%	\$ 132,350.31	\$ 3,970.51	
2104.502	REMOVE HYDRANT	EACH	\$ 899.47	3	\$ 2,698.41	
2104.503	REMOVE WATER MAIN	LIN FT	\$ 17.27	58	\$ 1,001.86	
2451.609	GRANULAR BACKFILL	TON	\$ 24.59	89	\$ 2,188.51	
2502.503	3" PVC PIPE DRAIN	LIN FT	\$ 10.00	30	\$ 300.00	
2504.602	HYDRANT	EACH	\$ 8,164.12	3	\$ 24,492.36	
2504.602	VALVE BOX	EACH	\$ 1,226.11	1	\$ 1,226.11	
2504.602	ADJUST VALVE BOX	EACH	\$ 631.76	22	\$ 13,898.72	
2504.602	REPAIR VALVE BOX	EACH	\$ 900.00	2	\$ 1,800.00	
2504.602	VALVE BOX CLEANOUT	EACH	\$ 250.00	31	\$ 7,750.00	
2504.602	6" GATE VALVE AND BOX	EACH	\$ 3,345.83	1	\$ 3,345.83	
2504.602	CURB BOX	EACH	\$ 669.12	1	\$ 669.12	
2504.602	ADJUST CURB BOX	EACH	\$ 202.33	3	\$ 606.99	
2504.602	1" CURB STOP AND BOX	EACH	\$ 991.82	1	\$ 991.82	
2504.603	1" TYPE K COPPER PIPE	LIN FT	\$ 104.35	40	\$ 4,174.00	
2504.603	6" WATERMAIN DUCTILE IRON CL 53	LIN FT	\$ 123.11	28	\$ 3,447.08	
2504.604	2" INSULATION	SQ YD	\$ 58.00	92	\$ 5,336.00	
2504.608	DUCTILE IRON FITTINGS	POUND	\$ 21.75	471	\$ 10,244.25	
2506.602	CASTING ASSEMBLY SPECIAL	EACH	\$ 443.97	2	\$ 887.94	
2583.601	TRAFFIC CONTROL	LUMP SUM	3%	\$ 60,000.00	\$ 1,800.00	
SUB TOTAL					\$ 90,829.31	
	MnDOT Design	LUMP SUM	3.0%		\$ 2,724.88	
	MnDOT Construction Administration/Inspection	LUMP SUM	8.0%		\$ 7,266.34	
GRAND TOTAL					\$ 100,820.53	
	Percentage share of total mobilization and traffic control cost.					