

Prepared by the
Utility Agreements and Permits Unit
(Receivable)
(\$49,250.70)

S.P. 6219-09 (T.H. 156)
Location: from 950 feet south of Page Street
to Page Street in the City of Saint Paul
Utility Owner: City of Saint Paul
MnDOT Agreement Number 1049013

AGENCY RELOCATION AGREEMENT

This Agreement Number 1049013 (Agreement) is between the State of Minnesota (State), acting through its Commissioner of Transportation and 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 6219-09 (Project) on Trunk Highway Number 156. The Project is located from 950 feet south of Page Street to Page Street in the City of Saint Paul

The Utility Owner owns and operates sanitary sewers 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. The parties agree that, if the Utility Owner relocated the Facilities or let a separate contract to relocate them that work would interfere with the Project. The Utility Owner has requested that the State perform the 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, and the State agrees to do so.

Pursuant to Minnesota Statutes, section 161.46, subdivision 5, the Utility Owner appoints the State as its agent to design and construct the relocation work as part of the Project and the State may relocate 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 and the State 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 not in accordance with the plans, specifications and special provisions, 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 \$49,250.70.
- 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.
- H. *Counterparts:* The parties may sign this Agreement in counterparts, each of which constitutes an original, but all of which together constitute one instrument.
- I. *Electronic Signatures:* The parties agree that the electronic signature of a party to this Agreement shall be as valid as an original signature of such party and shall be effective to bind such party to this Agreement. The parties further agree that any document (including this Agreement and any attachments or exhibits to this Agreement) containing, or to which there is affixed, an electronic signature shall be deemed (i) to be “written” or “in writing,” (ii) to have been signed and (iii) to constitute a record established and maintained in the ordinary course of business and an original written record when printed from electronic files. For purposes hereof, “electronic signature” also means a manually signed original signature that is then transmitted by any electronic means, including without limitation a faxed version of an original signature or an electronically scanned and transmitted version (e.g., via PDF) of an original signature. Any party’s failure to produce the original signature of any electronically transmitted signature shall not affect the enforceability of this Agreement.

The remainder of this page was left blank intentionally.

IN WITNESS WHEREOF, the parties have caused this Contract to be duly executed to be bound hereby.

CITY OF SAINT PAUL

Recommended for Approval:

By: _____
(Director of Public Works)

Approved as to form and execution:

By: _____
(Assistant City Attorney)

By: _____
(Mayor)

Date: _____

By: _____
(Director of Finance & Management Services)

Date: _____

**STATE OF MINNESOTA
DEPARTMENT OF TRANSPORTATION**

Department of Transportation

Recommended for Approval:

Approved:

By: _____
Metro Utility Coordinator

By: _____
Director, Office of Land Management

Date: _____

Date: _____

Department of Administration

By: _____

Date: _____

MINNESOTA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN FOR GRADING AND RETAINING WALL REPAIR

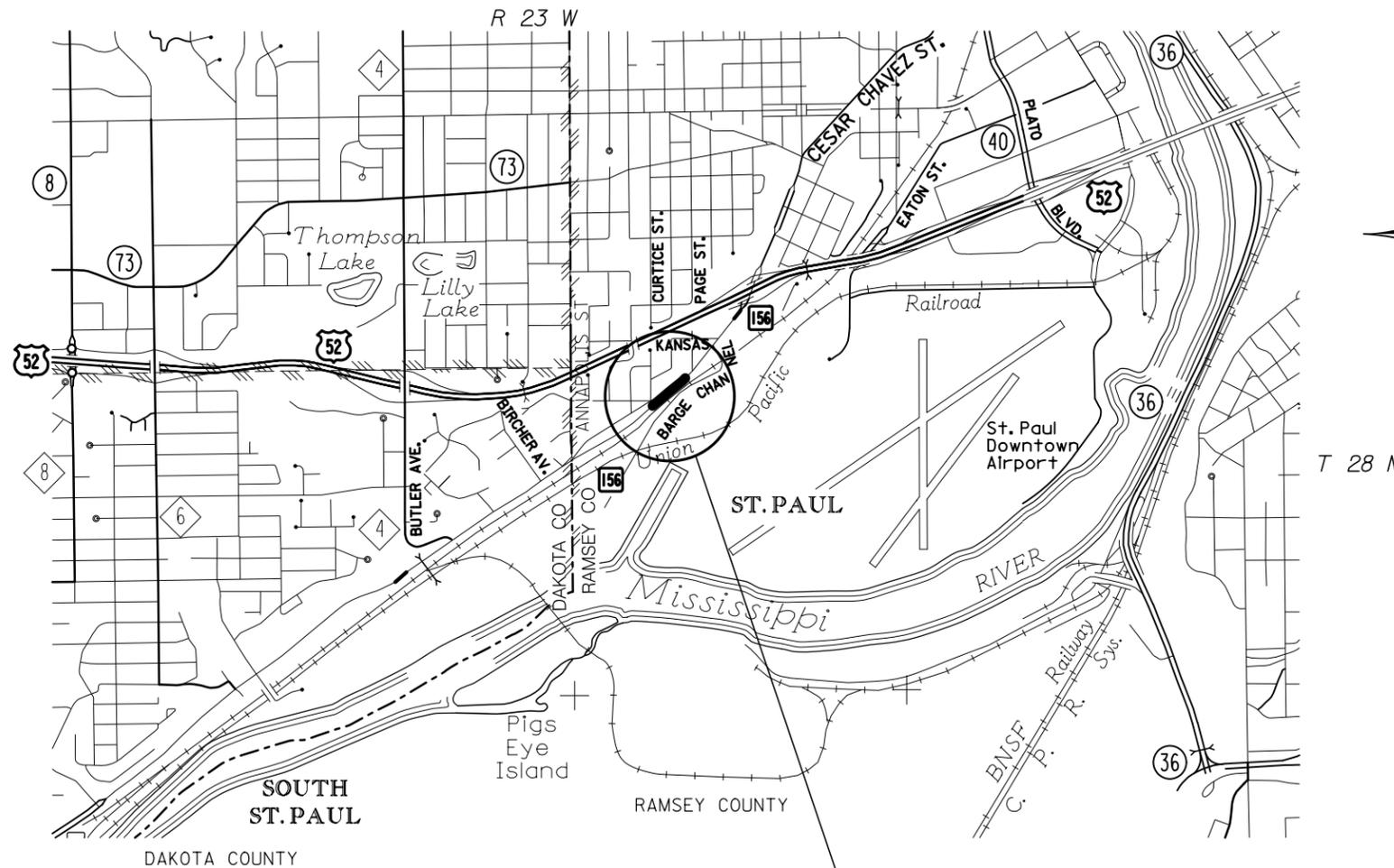
LOCATED ON TH 156 0.40 MILES SOUTH OF TH 52

GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION
"STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

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29	EROSION CONTROL AND TURF ESTABLISHMENT PLANS
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PROJECT LOCATION
S.P. 6219-09 (T.H. 156)
R.P. 3+00.697

INDEX MAP

SCALE

INDEX MAP	2000'
GENERAL LAYOUT	125'
PLAN	25'

DESIGN DESIGNATION

Design ESALS	Design Speed	Design Speed
ADT (2018)	8900	40 MPH
ADT (2040)	14,000	Based on STOPPING Sight Distance
DHV (Design Hr. Vol.)	1500	Height of eye 3.50' Height of object 2.0'
D (Directional Distr.)	57%	Design Speed not achieved at:
T (Heavy Commercial)	800	STA. TO STA. MPH
		STA. TO STA. MPH

PLAN REVISIONS		
DATE	SHEET NO.	APPROVER

STATE PROJ. NO. 6219-09 CHARGE IDENTIFIER

PROJECT LOCATION
COUNTY : RAMSEY
DISTRICT : METRO

THIS PLAN CONTAINS XX SHEETS

I HEREBY CERTIFY THAT THIS PLAN 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.

PRINT NAME: ROBERT EVBAYEKHA LICENSE # 25421

DATE: SIGNATURE:

DESIGN SQUAD L. WADDELL, M. STANLEY, T. PIRKL

OFFICE OF LAND MANAGEMENT APPROVAL DIRECTOR, LAND MANAGEMENT 20

APPROVED STATE DESIGN ENGINEER 20

I HEREBY CERTIFY THAT THE FINAL FIELD REVISIONS, IF ANY, WERE 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.

PRINT NAME: LICENSE #

DATE: SIGNATURE:

PLOTTED/REVISED: 24-NOV-2021

DISTRICT #: Metro
PLOT NAME: d621907_1stn
PATH & FILENAME: Projects\DM_ROS\56\6219\009\Design\PlanSheets\01 ALL\621909_1stn.dgn

STATEMENT OF ESTIMATED QUANTITIES

TAB	SHEET NUMBER	ITEM NUMBER	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	SP 6219-09	
						100% CRRSAA FEDERAL FUNDS	100% CITY OF ST PAUL FUNDS
		2011.601	CONSTRUCTION SURVEYING	LUMP SUM	1	1	
		2021.501	MOBILIZATION	LUMP SUM	1	1	
		2051.501	MAINT AND RESTORATION OF HAUL ROADS	LUMP SUM	1	1	
CITY		2104.502	REMOVE MANHOLE	EACH	1		1
B	4	2104.502	SALVAGE TANGENT TERMINAL	EACH	1	1	
C	4	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	428	428	
C	4	2104.503	REMOVE CURB AND GUTTER	LIN FT	20	20	
B	4	2104.503	SALVAGE TEMPORARY PRECAST CONCRETE BARRIER	LIN FT			
B	4	2104.503	SALVAGE GUARDRAIL-TYPE 31	LIN FT	25	25	
C	4	2104.504	REMOVE PAVEMENT	SQ YD	699	699	
A	4	2106.507	EXCAVATION - COMMON	CU YD	178	178	
A	4	2106.507	GRANULAR EMBANKMENT (CV)	CU YD	515	515	
C	4	2106.507	SELECT GRANULAR EMBANKMENT (CV)	CU YD	249	249	
A	4	2106.507	COMMON EMBANKMENT (CV)	CU YD	178	178	
RW	RW1	2106.603	MINOR GRADING	LIN FT	422	422	
		2106.607	EXCAVATION SPECIAL	CU YD	90	90	
		2106.607	HAUL AND DISPOSE OF CONTAMINATED MATERIAL	CU YD	90	90	
C	4	2211.507	AGGREGATE BASE (CV) CLASS 6	CU YD	66	66	
C	4	2232.603	MILL CONCRETE CURB	LIN FT	90	90	
C	4	2331.603	JOINT ADHESIVE	LIN FT	90	90	
C	4	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (4,F)	TON	166	166	
RW	RW1	2401.503	TYPE S (TL-4) 36" BARRIER CONCRETE (3S52)	LIN FT	330	330	
RW	RW1	2401.507	STRUCTURAL CONCRETE (3B52)	CU YD	174	174	
RW	RW1	2411.507	STRUCTURAL CONCRETE (3G52)	CU YD	16	16	
RW	RW1	2411.508	REINFORCEMENT BARS (EPOXY COATED)	POUND	19520	19520	
RW	RW1	2433.507	REMOVE CONCRETE	CU YD	60	60	
RW	RW1	2433.618	CONCRETE SURFACE REPAIR	SQ FT	261	261	
A	4	2451.603	TRENCH EXCAVATION	LIN FT	246	246	
CITY		2451.609	GRANULAR BACKFILL	TON	10		10
CITY		2451.609	GRANULAR FOUNDATION AND/OR BEDDING	TON	10		10
CITY		2451.609	AGGREGATE FOUNDATION	TON	4		4
RW	RW1	2452.601	EARTH RETENTION SYSTEM (TEMPORARY)	LUMP SUM	1	1	
RW	RW1	2475.503	STRUCTURAL TUBE RAILING DESIGN T-2	LIN FT	323	323	
RW	RW1	2502.601	DRAINAGE SYSTEM TYPE SPECIAL	LUMP SUM	1	1	
CITY		2503.503	16" PVC PIPE SEWER	LIN FT	4		4
CITY		2503.503	18" PVC PIPE SEWER	LIN FT	4		4
CITY		2503.503	21" PVC PIPE SEWER	LIN FT	4		4
CITY		2503.601	MAINTENANCE OF SANITARY SEWERS	LUMP SUM	1		1
CITY		2503.602	CONNECT TO EXISTING SANITARY SEWER	EACH	3		3
CITY		2503.603	CLEAN AND VIDEO TAPE PIPE SEWER	LIN FT	545		545

PLOTTED/REVISED: 24-NOV-2021

DISTRICT #: Metro
 I/PLOT NAME: 6621909_SEQ
 FILENAME: Projects\DM_ROS\56621909\Design\PlanSheets\01 ALL\6621909_SEQ.dgn

**STATEMENT OF ESTIMATED QUANTITIES
 SOILS & CONSTRUCTION NOTES
 AND STANDARD PLATES**

STATEMENT OF ESTIMATED QUANTITIES

TAB	SHEET NUMBER	ITEM NUMBER	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	SP 6219-09	
						100% CRRSAA FEDERAL FUNDS	100% CITY OF ST PAUL FUNDS
CITY		2506.502	ADJUST FRAME AND RING CASTING	EACH	1		1
RW	RW1	2506.602	CLEAN OUT CATCH BASIN	EACH	1	1	
CITY		2506.602	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL	EACH	1		1
CITY		2506.602	CASTING ASSEMBLY SPECIAL	EACH	1		1
C	4	2531.503	CONCRETE CURB AND GUTTER DESIGN B624	LIN FT	20	20	
TC	TC2	2533.503	RELOCATE PORTABLE PRECAST CONCRETE BARRIER DESIGN 8337	LIN FT	400	400	
B	4	2554.503	TRAFFIC BARRIER DESIGN TYPE 31	LIN FT	75	75	
B	4	2554.503	TRAFFIC BARRIER DESIGN TRANSITION TYPE 31	LIN FT	50	50	
B	4	2554.503	INSTALL TRAFFIC BARRIER DESIGN TYPE 31	LIN FT	25	25	
B	4	2554.602	INSTALL TANGENT TERMINAL	EACH	1	1	
TC	TC2	2563.601	TRAFFIC CONTROL	LUMP SUM	1	1	
TC	TC2	2563.602	RAISED PAVEMENT MARKER TEMPORARY	EACH	250	250	
TC	TC2	2563.602	PORTABLE BARRIER DELINEATOR	EACH	16	16	
TC	TC2	2563.615	RELOCATE TEMPORARY IMPACT ATTENUATOR	ASSEMBLY	2	2	
C	4	2573.502	STORM DRAIN INLET PROTECTION	EACH	4	4	
		2573.503	SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	800	800	
		2575.501	TURF ESTABLISHMENT (1)	LUMP SUM	1	1	
TC	TC2	2581.503	REMOVABLE PREFORMED PAVEMENT MARKING TAPE	LIN FT	1200	1200	
TC	TC2	2581.603	REMOVABLE PREFORMED PLASTIC MASK (BLACK)	LIN FT	1190	1190	
PM	PM1	2582.503	4" SOLID LINE MULTI-COMPONENT GROUND IN (WR)	LIN FT			

(1) ITEM COVERS ALL AREAS DISTURBED AS A RESULT OF CONSTRUCTION AND INCLUDES SEEDING, SEED MIX, FERTILIZER, SUBSOILING, SOIL BED PREPARATION, AND EROSION CONTROL BLANKET CATEGORY 20. SEE SHEET 29.

SOILS AND CONSTRUCTION NOTES

- STRIP ALL SOD AND TOPSOIL FROM AREAS TO BE DISTURBED BY CONSTRUCTION AND REUSE AS SLOPE DRESSING. TOPSOIL STRIPPING IS PAID FOR AS EXCAVATION - COMMON AND PLACEMENT OF SLOPE DRESSING IS PAID FOR AS COMMON EMBANKMENT (CV).
- IN ANY CASE WHERE GRANULAR EMBANKMENTS JOIN NON-GRANULAR SOIL EMBANKMENTS, PROVIDE A 1:20 (V:H) TRANSITION BETWEEN THE CHANGE IN MATERIAL TO PREVENT AN ABRUPT SOILS DIFFERENTIAL. CONSTRUCT THE 1:20 (V:H) TRANSITION SUCH THAT THE GRANULAR MATERIAL OVERLAYS THE ADJACENT NON-GRANULAR SOIL.
- WHERE CONNECTING NEW SURFACING ADJACENT TO ANY EXISTING PAVEMENTS TO BE WIDENED, CUT VERTICALLY TO THE BOTTOM OF THE EXISTING SURFACING OR TO THE BOTTOM OF THE NEW SURFACING DESIGN, WHICHEVER IS DEEPER, THEN AT A 2:1 (V:H) SLOPE TO THE BOTTOM OF THE RECOMMENDED SUBGRADE EXCAVATION.
- WHERE CONNECTING TO EXISTING ROADWAYS AT THE TERMINI OF PROPOSED CONSTRUCTION, CUT VERTICALLY TO THE BOTTOM OF THE EXISTING SURFACING OR TO THE BOTTOM OF THE NEW SURFACING DESIGN, WHICHEVER IS DEEPER, THEN AT A 1:20 (V:H) TAPER TO THE BOTTOM OF THE RECOMMENDED SUBGRADE EXCAVATION.
- AS A PRECAUTIONARY MEASURE FROM A SOILS STANDPOINT, TRAFFIC LANES TO BE USED DURING CONSTRUCTION MUST BE DELINEATED TO KEEP VEHICLES A SAFE DISTANCE AWAY FROM THE ADJACENT EXCAVATION. THE DELINEATION SHOULD COINCIDE WITH POINTS ESTABLISHED BY PROJECTION 1(V):2(H) OR GREATER (FLATTER) SLOPE BETWEEN THE EDGE OF THE TRAFFIC SURFACE AND THE BOTTOM OF THE EXCAVATION.
- PROVIDE A SAW CUT WHERE PLACING NEW PAVEMENT NEXT TO IN-PLACE PAVEMENT TO ENSURE A UNIFORM JOINT.
- THIS A REMINDER THAT UNDER STATE LAW IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITIES THAT MAY HAVE FACILITIES IN THE AREA. CONTACT MUST BE MADE THROUGH GOPHER STATE ONE CALL.
- PROVIDE A UNIFORM TACK COAT BETWEEN ALL BITUMINOUS LAYERS AND PRIOR TO PLACING ANY BITUMINOUS MIXTURES ON EXISTING PAVEMENT IN ACCORDANCE WITH SPECIFICATION 2357 (INCIDENTAL).
- JOINT ADHESIVE SHALL BE USED ON LONGITUDINAL CONSTRUCTION JOINTS BETWEEN ADJACENT BITUMINOUS PAVEMENTS OR BETWEEN BITUMINOUS PAVEMENT AND CONCRETE PAVEMENT IN ACCORDANCE WITH SPECIAL PROVISION 2331 PAVEMENT JOINT ADHESIVE.

THE FOLLOWING STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT

STANDARD PLATES

PLATE NO.	DESCRIPTION
7100H	CONCRETE CURB AND GUTTER (DESIGN B AND DESIGN V)
8000K	TEMPORARY CHANNELIZERS (3 SHEETS)
8337D	TEMPORARY PORTABLE PRECAST CONCRETE BARRIER - TYPE F (3 SHEETS)
8350A	THRIE BEAM ANCHORAGE PLATE
8352B	THRIE BEAM WEDGE PLATE FOR SINGLE SLOPE BARRIER
8356A	W-BEAM TO THRIE-BEAM TRANSITION GUARDRAIL
8357A	THRIE-BEAM GUARDRAIL
8360B	GUARDRAIL POST LENGTH MARKING
8361B	GUARDRAIL STEEL POST (3 SHEETS)
8369A	GUARDRAIL BLOCKOUT

SEE SHEET 7-9 FOR CITY OF ST. PAUL STANDARD PLATES

**STATEMENT OF ESTIMATED QUANTITIES
SOILS & CONSTRUCTION NOTES
AND STANDARD PLATES**

PLOTTED/REVISED: 24-NOV-2021

DISTRICT #: Metro
PLOT NAME: 6621909_SEQ
FILENAME: Projects\DM_ROS\56621909\Design\planSheets\01 ALL\6621909_SEQ.dgn

GENERAL UTILITY NOTES:

- THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI / ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".
- ALL POWER IS DISTRIBUTION UNLESS NOTED OTHERWISE.
- NO UTILITIES WILL BE AFFECTED BY THIS PROJECT.

OWNERSHIP		
THE FOLLOWING IS A LIST OF UTILITY COMPANIES WITHIN THE PROJECT LIMITS		
CENTURY	=	CENTURYLINK
CITY	=	CITY OF ST. PAUL
MNDOT	=	MINNESOTA DEPARTMENT OF TRANSPORTATION
SPRWS	=	SAINT PAUL REGIONAL WATER SERVICES
XCEL	=	XCEL ENERGY

LEGEND	
	INPLACE TRAFFIC SIGNAL SYSTEM
	ANCHOR
	CATCH BASIN
	GAS LINE
	HANDHOLE
	HYDRANT
	LIGHT POLE
	MANHOLE
	OVERHEAD POWER
	OVERHEAD UTILITY
	PEDESTAL
	POWER POLE
	POWER BURIED
	SEWER PIPE (STORM)
	SANITARY SEWER LINE
	STREET LIGHT BURIED
	WATER VALVE
	WATER LINE

UTILITY ABBREVIATIONS	
ANC	= POLE ANCHOR
CHH	= COMMUNICATIONS HANDHOLE
CVLT	= COMMUNICATIONS VAULT
ECC	= ELECTRIC CABLE IN CONDUIT
EHH	= ELECTRICAL HANDHOLE
GAS	= GAS LINE
HYD	= HYDRANT
LP	= LIGHT POLE
PP	= POWER POLE
OHP	= OVERHEAD POWER LINE
P-PED	= POWER PEDESTAL
SAN LIN	= SANITARY SEWER LINE
SAN MH	= SANITARY MANHOLE
TV TOWE	= TELEVISION TOWER
VALVE	= WATER VALVE
VAULT	= VAULT
WL IN	= WATER LINE
WMH	= WATER MANHOLE

COMMUNICATIONS							
STATION TO STATION	OFFSET (FT)	INPLACE ITEM	OWNER	REMARKS			NOTES
				LEAVE AS IS	ADJUST	RELOCATE	
WBCONCORD_2							
111+06 - 111+95	15' RT - 28 RT	MH	CENTURY	X			(3)

GAS							
STATION TO STATION	OFFSET (FT)	INPLACE ITEM	OWNER	REMARKS			NOTES
				LEAVE AS IS	ADJUST	RELOCATE	
WBCONCORD							
111+09 - 111+40	41 LT - 32 RT	GAS	XCEL	X			(1)

WATER							
STATION TO STATION	OFFSET (FT)	INPLACE ITEM	OWNER	REMARKS			NOTES
				LEAVE AS IS	ADJUST	RELOCATE	
WBCONCORD							
104+66 - 108+92	62' LT - 3' LT	WM	SPRWS	X			
108+92 - 111+27	3' LT - 16' RT	WM	SPRWS			X	(2)
109+39 - 109+40	7' RT - 0' LT	WM	SPRWS			X	(2)
111+27 - 111+37	16' RT - 15' RT	WM	SPRWS	X			
111+37 - 111+43	15' RT - 94' RT	WM	SPRWS	X			
111+37	17' RT	VALVE	SPRWS	X			

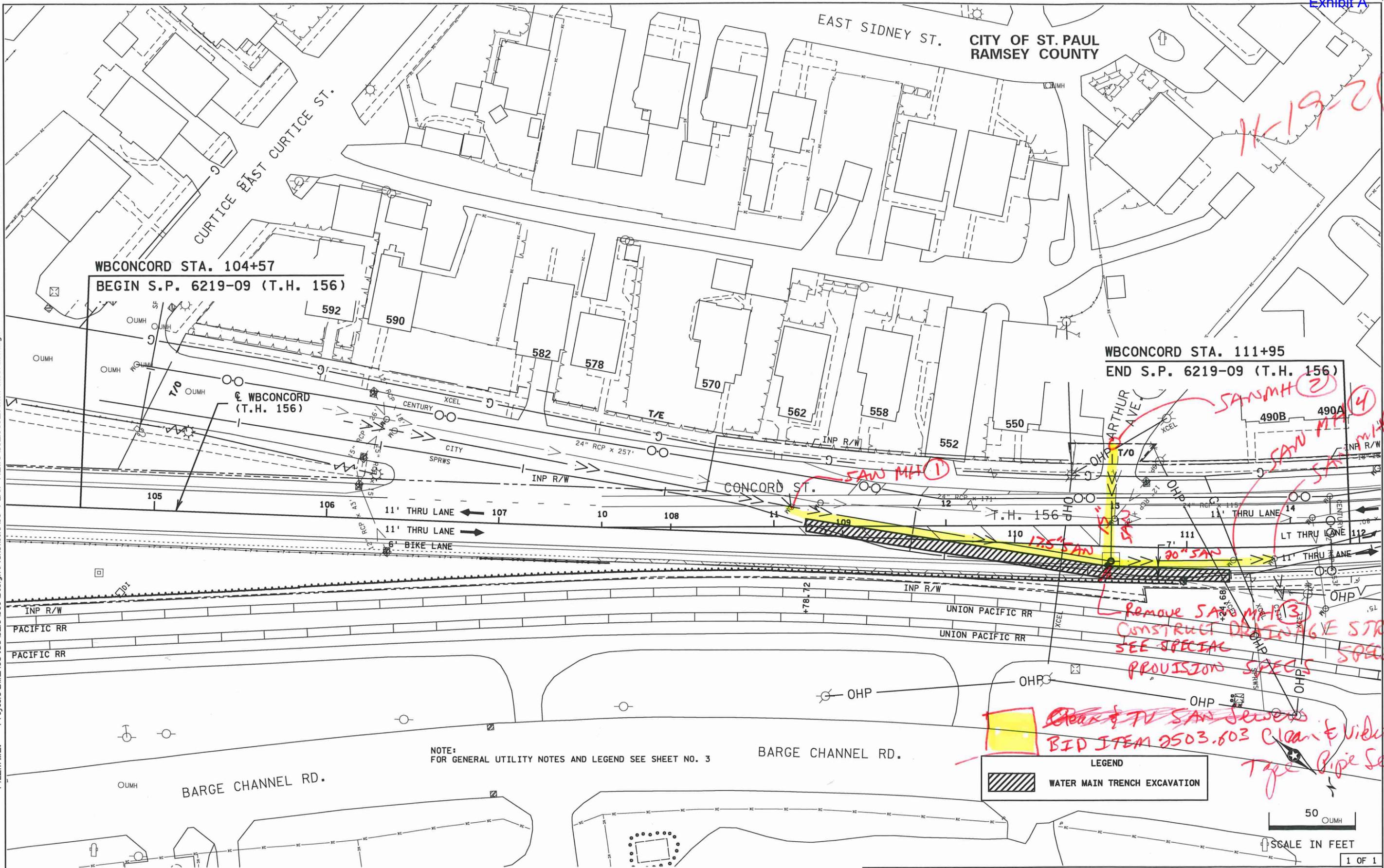
SANITARY SEWER							
STATION TO STATION	OFFSET (FT)	INPLACE ITEM	OWNER	REMARKS			NOTES
				LEAVE AS IS	ADJUST	RELOCATE	
WBCONCORD							
108+69	16' LT	SAN MH	CITY	X			
108+69 - 110+56	16' LT - 8' RT	SAN LINE	CITY	X			
110+56	8' RT	SAN MH	CITY			X	(4)
110+55 - 110+56	56' LT - 8' RT	SAN LINE	CITY	X			
110+56 - 111+27	8' RT - 7' RT	SAN LINE	CITY	X			
111+27	7' RT	SAN MH	CITY	X			
111+27 - 111+51	7' RT - 7' RT	SAN LINE	CITY	X			
111+51	7' RT	SAN MH	CITY	X			

- (1) CAUTION: GAS LINE CLOSE TO EXCAVATION AREA
- (2) BY OTHERS
- (3) PROTECT CENTURYLINK UTILITY WITHIN EXCAVATION AREA.
- (4) THIS WORK INVOLVES REPLACEMENT OF SANITARY STRUCTURE IN THE SAME EXISTING LOCATION. IT IS INCLUDED IN THIS CONTRACT

PLOTTED/REVISED: 3-DEC-2021

DISTRICT *: Metro
 I/PLOT NAME: d621909_InvpUti_TAB
 FILENAME: Projects\DM_ROSV56\6219\009\Design\PlanSheets\01 ALL\621909_InvpUti_TAB.dgn

DISTRICT #: Metro
PLOT NAME: d621909_trench excavation
FILE NAME: Projects\DM_R05\566219\009\Design\Plan\Sheets\03_Plan Views\d621909_trench excavation.dgn
PLOTTED/REVISED: 10-NOV-2021



WB CONCORD STA. 104+57
BEGIN S.P. 6219-09 (T.H. 156)

WB CONCORD STA. 111+95
END S.P. 6219-09 (T.H. 156)

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. 3

LEGEND

 WATER MAIN TRENCH EXCAVATION

50
SCALE IN FEET

TRENCH EXCAVATION

DRAWN BY: MS CHECKED BY: SR CERTIFIED BY _____ LIC. NO. 25421 DATE _____ STATE PROJ. NO. 6219-09 (T.H. 156) SHEET NO. _____ OF _____ SHEETS

<p align="center">S.P. 6219-09 AGENCY AGREEMENT 1049013 ST PAUL PUBLIC WORKS SEWER UTILITY SANITARY SEWER RELATED BID ITEMS - MNDOT RETAINING WALL REPAIRS (CONCORD AVE)</p>						
No.	Item	Description	Unit	Quantity	Unit Price	Cost
1.	2104.502	REMOVE MANHOLE	EACH	1	\$ 1,500.00	\$ 1,500.00
2.	2451.603	GRANULAR BACKFILL	TON	10	\$ 50.00	\$ 500.00
3.	2451.609	GRANULAR FOUNDATION AND/OR BEDDING	TON	10	\$ 50.00	\$ 500.00
4.	2451.609	AGGREGATE FOUNDATION	TON	4	\$ 80.00	\$ 320.00
5.	2503.503	16" PVC PIPE SEWER	LIN FT	4	\$ 200.00	\$ 800.00
6.	2503.503	18" PVC PIPE SEWER	LIN FT	4	\$ 200.00	\$ 800.00
7.	2503.503	21" PVC PIPE SEWER	LIN FT	4	\$ 200.00	\$ 800.00
8.	2503.602	CONNECT TO EXISTING SANITARY SEWER	EACH	3	\$ 1,500.00	\$ 4,500.00
9.	2503.603	CLEAN & VIDEO TAPE PIPE SEWER	LIN FT	545	\$ 10.00	\$ 5,450.00
10.	2506.602	ADJUST FRAME & RING CASTING	EACH	1	\$ 600.00	\$ 600.00
11.	2506.602	CASTING ASSEMBLY SPECIAL	EACH	1	\$ 600.00	\$ 600.00
12.	2506.602	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPE	EACH	1	\$ 25,000.00	\$ 25,000.00
13.	2503.601	MAINTENANCE OF SANITARY SEWERS	LUMP SUM	1	\$ 3,000.00	\$ 3,000.00
		Sub Total Estimated (\$)				\$ 44,370.00
		MnDOT Design Engineering			3.0%	\$ 1,331.10
		MnDOT Construction Administration			8%	\$ 3,549.60
		Grand Total Estimated (\$)				\$ 49,250.70