C. S. McCrossan

7865 Jefferson Hwy, Maple Grove, MN 55369
Phone: 763.425.4167
Website: www.mccrossan.com

Request for Quote – DBE Subcontractors and Suppliers

Project: MnDOT – TH 61 Ramsey County
(Vadnais Heights, White Bear Lake)
SP 6222-196, Contract 260134

Bid Date: Wednesday, November 18, 2026 at 9:30 am

Quotes Due: Tuesday, November 17, 2026 at 5:00 pm;
Send quotes to estimating@mccrossan.com

Project DBE Goal: 10.4%
Project Workforce Goals: 32% Minority / 20% Female

C. S. McCrossan Construction, Inc. is submitting a bid on the above-referenced job and invites your company to submit a quote. C. S. McCrossan Construction, Inc. is an Equal Opportunity Employer and encourages participation from all certified DBE subcontractors, suppliers, and trucking companies.

Plans are available for free in our online plan room; please email estimating@mccrossan.com for a link.

A few things to note:

- On your quote, please note if a bond is included, or provide your bonding rate. We may require a bond for quotes that exceed $20,000.
- All non-DBE subcontractors and suppliers are expected to make a good faith effort to reach the goals on this project. Please note your participation, in detail, on your quote.
- All subcontractors are expected to make a good faith effort to reach the project workforce goals.

Please contact us if you need any assistance in the following areas:

1. Locating plans
2. Bonding, insurance, lines of credit
3. Technical assistance in preparing your quote
4. Breaking down work types into more economically feasible units
5. Locating equipment & supplies to prepare your quote

Thank you,
C. S. McCrossan Estimating Department
estimating@mccrossan.com
763-425-4167 (p) | 763-488-1649 (f)

See following pages for more information on this project, including work types, bid items, and project location.

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We have identified the following work types for this project. This is not an exhaustive list of all work types that could be present on this job. If you do not see a particular scope listed below but are interested in bidding on this project, please contact our office to see if additional opportunities may be available.

Aggregates	Asphalt Paving	Borrow
Clearing & Grubbing	Concrete Curb & Gutter / Sidewalk	Concrete Median Barrier
Concrete Paving	Dewatering	Draintile
Dumpsters	Electrical	Erosion Control
Excavation / Grading	Fencing	Field Office
Guardrail	Joint Adhesive	Material Supply
Milling	Pipe Lining (CIPP)	Portable Restrooms
Reclamation	Removals	RipRap / Geotextiles
Sawcutting	Seed, Sod & Turf Establishment	Signing
Striping	Surveying	Sweeping
Traffic Control	Trucking	Underground Pipe/Structures

Please contact our Estimating Department if you have any further questions about this project. Thank you.

MINNESOTA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN FOR GRADING, CONCRETE AND BITUMINOUS SURFACING, ADA IMPROVEMENTS, SIGNALS, LIGHTING, AND TMS

LOCATED ON TH 61 FROM 1630 FT SOUTH OF TH 694 TO 2ND ST

STATE PROJ. NO. 6222-196 (TH 61)

GROSS LENGTH	20446.6	FEET	3.872	MILES
BRIDGES-LENGTH		FEET		MILES
EXCEPTIONS-LENGTH	16936.6	FEET	3.208	MILES
NET LENGTH	3510.0	FEET	0.665	MILES

REF. POINT 143+00.356 TO REF. POINT 147+00.085

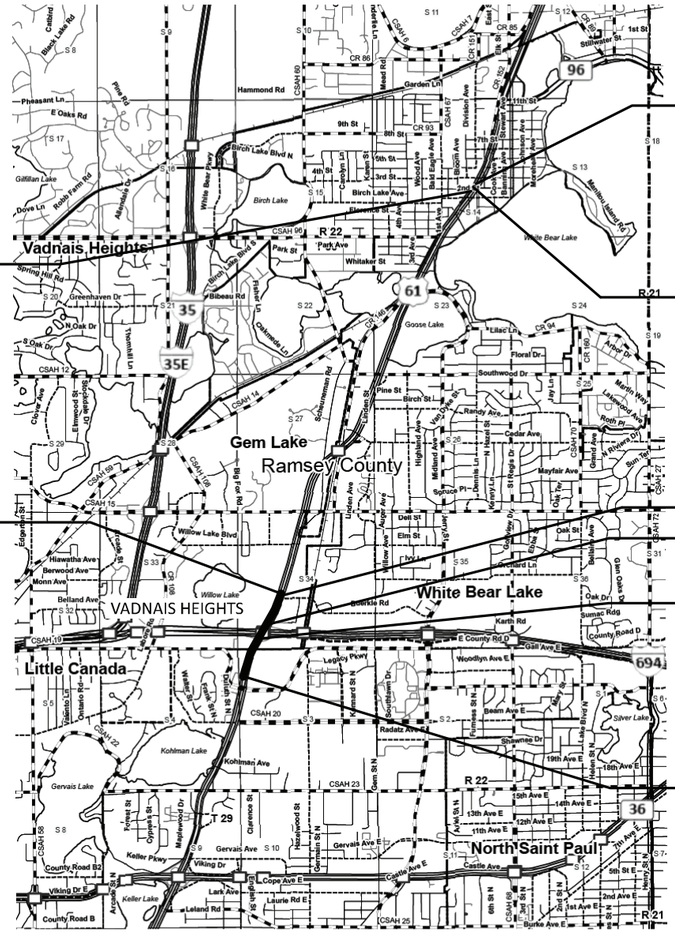
EQUATIONS

TH61NB STA. 206+21.24 BK=
TH61NB STA. 206+99.99 AH

WARNING:

HIGH PRESSURE GAS PIPELINE

END EXCEPTION
TH61NB STA 375+16.1



END SP 6222-196 (TH 61)
TH61NB STA 377+13.2

TRAFFIC CONTROL SIGNAL SYSTEM C
SAP 174-117-009

BEGIN EXCEPTION
TH61NB STA 205+00.8

REVISE SIGNAL SYSTEM

TRAFFIC CONTROL SIGNAL SYSTEM B

TRAFFIC CONTROL SIGNAL SYSTEM A

BEGIN SP 6222-196 (TH 61)
TH61NB STA 171+87.9

0 1 MILE

R 22

FOR PLANS AND UTILITIES SYMBOLS SEE TECHNICAL MANUAL

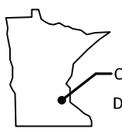
PLAN REVISIONS

DATE	SHEET NO.	APPROVED BY

DEPARTMENT OF TRANSPORTATION

DESIGN DESIGNATION

Design ESALS	=	Design Speed	50 MPH
ADT (Current Year)	=	Based on STOPPING	Sight Distance
ADT (Future Year)	=	Height of eye 3.50'	Height of object 2.00'
DHV (Design Hr. Vol.)	=	Design Speed not achieved at:	
D (Directional Distr.)	= %	STA.	TO STA. MPH
T (Heavy Commercial)	= %	STA.	TO STA. MPH



PROJECT LOCATION
COUNTY : RAMSEY
DISTRICT : METRO

FED. PROJ. NO. STBG 6227(032)

GOVERNING SPECIFICATIONS

THE 2025 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	CONSTRUCTION PLANS FORMAT SUMMARY
3	CERTIFICATION OF DISCIPLINE MODELS
4	EXCHANGE DATA
5	GENERAL LAYOUT
6 - 9	ESTIMATED QUANTITIES
10 - 11	STANDARD PLATES AND STANDARD PLANS
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14	SOILS AND CONSTRUCTION NOTES
15 - 22	TABULATIONS
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26 - 34	TYPICAL SECTIONS
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36 - 37	TEMPORARY CONSTRUCTION PLANS
38 - 44	INPLACE TOPOGRAPHY AND UTILITY PLANS
45 - 50	REMOVAL PLANS
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81 - 83	TRAFFIC BARRIER AND FENCING PLANS
84	CONTOUR PLANS
85 - 90	DRAINAGE PLANS
91 - 99	DRAINAGE PROFILES AND TABULATIONS
100	DRAINAGE DETAIL
101 - 103	ENVIRONMENTAL MANAGEMENT PLANS
104 - 106	SWPPP PLANS AND WATER RESOURCES NOTES
107 - 113	EROSION CONTROL AND TURF ESTABLISHMENT PLANS
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PM1 - PM10	PERMANENT PAVEMENT MARKING PLANS
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PDF SHT NO.
114 - 157
158 - 167
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174 - 188
189 - 229
230 - 261
262 - 297

THIS PLAN CONTAINS 297 SHEETS

Recommended for Approval
City of White Bear Lake Engineer
Paul Kauppi Digitally signed by Paul Kauppi Date: 2026.09.08 11:55:39 -05'00' 20

STATE AID APPROVALS:

Reviewed for Compliance with State-Aid Rules/Policy District State Aid Engineer
Brandon Anderson Digitally signed by Brandon Anderson Date: 2026.09.08 13:04:13 -05'00' 20

Approved for State Aid Funding
State Aid Engineer
Brandon Anderson Digitally signed by Brandon Anderson Date: 2026.09.08 13:04:30 -05'00' 20

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: CHAD CASEY LIC. NO. 43348

DATE: SIGNATURE: Chad Casey Digitally signed by Chad Casey DN: CN=Chad Casey Date: 2026.09.08 14:26:46-05'00'

DESIGN SQUAD E. BOYTIM, M. PIEKARSKI, J. BRAULT, C. ROBINSON

ASSOCIATED PROJ. NO.
SAP 174-117-009

OFFICE OF LAND MANAGEMENT APPROVAL FOR DIRECTOR, LAND MANAGEMENT
Julie Groetsch Digitally signed by Julie Groetsch Date: 2026.09.16 11:06:05 -05'00' 20

APPROVED
STATE DESIGN ENGINEER
Tom Styrbicki Digitally signed by Tom Styrbicki Date: 2026.09.16 11:10:17 -05'00' 20

TITLE SHEET	SP 6222-196	SHEET NO.	1
	(TH 61=001)	TOTAL SHEETS	113

PLOTTED/REVISED: 8-SEP-2026

PLOT NAME: d6222196_100tsh
PATH & FILENAME: Projects\DM_ROS\061\6222\196\Design\PlanSheets\d6222196_100tsh.dgn

LAYOUT SHEET NO./PLAN SHEET NO.					
DESCRIPTION	LAYOUT SHEET A	LAYOUT SHEET B	LAYOUT SHEET C	LAYOUT SHEET D	LAYOUT SHEET E
INTERSECTION DETAILS	75	76	77	78	74/79

MAPLEWOOD
RAMSEY COUNTY

VADNAIS HEIGHTS
RAMSEY COUNTY

MINNESOTA COMMERICAL RAILROAD

WHITE BEAR LAKE
RAMSEY COUNTY

2ND ST
2027 (2021)

℄2ND_ST_INP

TH 61
29621 (2024)

℄TH61SB

℄TH61NB

END EXCEPTION
TH61NB STA. 375+16.1

END S.P. 6222-196 (TH61)
TH61NB STA. 377+12.2

ADA WORK ON TH61 AND 2ND ST

TRAFFIC CONTROL SIGNAL SYSTEM C
SAP 174-117-009

300
SCALE IN FEET

SHEET 1

SHEET 2

SHEET 3

SHEET 4

SHEET 5

SHEET 6

℄SWRAMP

TRAFFIC CONTROL SIGNAL SYSTEM A

℄NWRAMP

TRAFFIC CONTROL SIGNAL SYSTEM B

REVISE SIGNAL SYSTEM

TH 61
23927 (2024)

TH 61
25032 (2024)

BEGIN S.P. 6222-196 (TH61)
TH61NB STA. 171+87.9

BEGIN EXCEPTION
TH61NB STA. 205+00.8

℄SERAMP

℄NERAMP

℄694EB

℄694WB

SW RAMP
11487 (2024)

NW RAMP
12158 (2024)

SE RAMP
3977 (2024)

NE RAMP
3848 (2024)

TH 694

COUNTY RD. D CT.

COUNTY ROAD D

BUERKLE RD.

LAYOUT SHEET NO./PLAN SHEET NO.							
DESCRIPTION	LAYOUT SHEET NO 1	LAYOUT SHEET NO 2	LAYOUT SHEET NO 3	LAYOUT SHEET NO 4	LAYOUT SHEET NO 5	LAYOUT SHEET NO 6	LAYOUT SHEET E
TEMPORARY CONSTRUCTION PLANS	36/37						
INPLACE TOPOGRAPHY AND EXISTING UTILITY PLANS	38	39	40	41	42	43	44
REMOVAL PLANS	45	46	47	48	49	50	
CONSTRUCTION PLANS	51	52	53	54	55	56	
PAVING PLANS	62	63	64	65	66	67	
SUPERELEVATION AND SUBSURFACE DRAINAGE PLANS	68	69	70	71	72	73	
DRAINAGE PLANS	85	86	87	88	89	90	
EROSION CONTROL & TURF ESTABLISHMENT PLANS	107	108	109	110	111	112	113

NOTE: FOR AREAS OF ENVIRONMENTAL SENSITIVITY
SEE ALL PLAN SHEETS.

LEGEND

- PROPOSED CONSTRUCTION
- PROPOSED POND
- MUNICIPAL BOUNDARY
- TRAFFIC FLOW ARROW
- INPLACE ROADWAY
- XXXX (YEAR) ANNUAL AVERAGE DAILY TRAFFIC
- TRAFFIC CONTROL SIGNAL SYSTEM
- REVISED SIGNAL SYSTEM

SAP 174-117-009

DEPARTMENT OF TRANSPORTATION

CHAD CASEY
LIC. NO. 43348
DATE: 4-AUG-2026

LICENSED PROFESSIONAL ENGINEER

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.

GENERAL LAYOUT

SP 6222-196	SHEET NO 5
(TH 61)	TOTAL SHEETS 113

PLOTTED/REVISED: 4-AUG-2026

PLOT NAME: d6222196_105gel

PATH & FILENAME: Projects\DM_ROS\0611\6222\196\Design\PlanSheets\d6222196_105gel.dgn

STATEMENT OF ESTIMATED QUANTITIES

TAB	SHEET NUMBER	ITEM NUMBER	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	SP 6222-196 (A)	SP 6222-196 SAP 174-117-009 (B)
		2011.601	AS BUILT	LUMP SUM	1	1	
		2021.501	MOBILIZATION	LUMP SUM	1	0.98	0.02
		2031.502	FIELD OFFICE	EACH	1	0.98	0.02
		2031.502	FIELD LABORATORY	EACH	1	0.98	0.02
		2051.501	MAINT AND RESTORATION OF HAUL ROADS	LUMP SUM	1	1	
		2061.601	MATERIAL DELIVERY MANAGEMENT SYSTEM	LUMP SUM	1	1	
		2062.602	ENVIRONMENTAL PRODUCT DECLARATION	EACH	14	14	
B	15	2101.502	CLEARING	EACH	5	5	
B	15	2101.502	GRUBBING	EACH	5	5	
B	15	2101.505	CLEARING	ACRE	0.28	0.28	
B	15	2101.505	GRUBBING	ACRE	0.28	0.28	
TC	TC2	2102.503	PAVEMENT MARKING REMOVAL	LIN FT	7710	7710	
C	15	2104.502	REMOVE CONCRETE APRON	EACH	5	5	
C	15	2104.502	REMOVE METAL APRON	EACH	4	4	
G	19	2104.502	REMOVE ANCHORAGE ASSEMBLY-PLATE BEAM	EACH	1	1	
C	15	2104.502	REMOVE GUIDE POST	EACH	3	3	
G	19	2104.502	REMOVE IMPACT ATTENUATOR	EACH	2	2	
C	15	2104.502	REMOVE CASTING	EACH	2	2	
C	15	2104.502	REMOVE DRAINAGE STRUCTURE	EACH	7	7	
SZ	SZ3	2104.502	REMOVE RAMP CONTROL SIGNAL FOUNDATION	EACH	2	2	
SZ	SZ3	2104.502	REMOVE FIBER OPTIC VAULT	EACH	1	1	
ST	ST1	2104.502	REMOVE DELINEATOR / MARKER	EACH	8	8	
ST	ST1	2104.502	REMOVE SIGN	EACH	78	78	
SZ	SZ3	2104.502	REMOVE HANDHOLE	EACH	6	6	
G	19	2104.502	REMOVE ENERGY ABSORBING TERMINAL	EACH	1	1	
SZ	SZ3	2104.502	SALVAGE RAMP CONTROL SIGNAL	EACH	2	2	
ST	ST1	2104.502	SALVAGE SIGN PANEL	EACH	1	1	
D	16	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	173	173	
D	16	2104.503	SAWING BITUMINOUS PAVEMENT	LIN FT	168	168	
D	16	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	1581	1581	
C	15	2104.503	REMOVE CONCRETE CULVERT	LIN FT	284	284	
C	15	2104.503	REMOVE SEWER PIPE (STORM)	LIN FT	796	796	
D	16	2104.503	REMOVE CURB AND GUTTER	LIN FT	2193	2193	
K	21	2104.503	REMOVE CHAIN LINK FENCE	LIN FT	1065	1065	
G	19	2104.503	REMOVE GUARDRAIL-PLATE BEAM	LIN FT	276	276	
D	16	2104.503	REMOVE CONCRETE MEDIAN BARRIER	LIN FT	335	335	
D	16	2104.504	REMOVE CONCRETE WALK	SQ YD	1279	1279	
D	16	2104.504	REMOVE PAVEMENT	SQ YD	6642	6642	
D	16	2104.504	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	32	32	
D	16	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	17690	17690	
D	16	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	9772	9772	
D	16	2104.504	REMOVE BITUMINOUS SHOULDER PAVEMENT	SQ YD	6301	6301	
SZ	SZ3	2104.601	REMOVE CABLES	LUMP SUM	1	1	
SS	SS2	2104.601	HAUL SALVAGED MATERIAL (C)	LUMP SUM	1		
ST	ST1	2104.602	SALVAGE SIGN SPECIAL	EACH	3	3	

FUNDING NOTES:
(A) 81.42% FEDERAL / 18.58% STATE FUNDS
(B) 100% CITY OF WHITE BEAR LAKE FUNDS (CAPPED), REMAINDER: 81.42% FEDERAL / 18.58% STATE FUNDS SEE AGREEMENT #1063436
(C) 100% STATE FUNDS
(D) 100% CITY OF WHITE BEAR LAKE FUNDS SEE AGREEMENT #1063436

PLOTTED/REVISED: 10-AUG-2026
PLOT NAME: d6222196_110est
PATH & FILENAME: Projects\DM_ROS\061\6222\196\Design\PlanSheets\d6222196_110est.dgn

SAP 174-117-009 | 1 OF 4

DEPARTMENT OF TRANSPORTATION

LICENSED PROFESSIONAL ENGINEER

CHAD CASEY
LIC. NO. 43348
DATE: 10-AUG-2026

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.

ESTIMATED QUANTITIES

SP 6222-196 | SHEET NO 6
(TH 61) | TOTAL SHEETS 113

STATEMENT OF ESTIMATED QUANTITIES

TAB	SHEET NUMBER	ITEM NUMBER	ITEM		UNIT	TOTAL ESTIMATED QUANTITIES	SP 6222-196 (A)	SP 6222-196 SAP 174-117-009 (B)
A	12	2106.507	EXCAVATION - COMMON	(P)	CU YD	34915	34915	
A	12	2106.507	SELECT GRANULAR EMBANKMENT (CV)	(P)	CU YD	13663	13663	
A	12	2106.507	COMMON EMBANKMENT (CV)	(P)	CU YD	9286	9286	
	79	2106.601	SITE GRADING	(2)	LUMP SUM	1	1	
A	12	2106.607	EXCAVATION SPECIAL	(P)	CU YD	81	81	
A	12	2106.607	HAUL AND DISPOSE OF CONTAMINATED MATERIAL		CU YD	81	81	
A	12	2106.607	COMMON EMBANKMENT SPECIAL (CV)	(P)	CU YD	424	424	
A	12	2118.509	AGGREGATE SURFACING CLASS 1		TON	787	787	
A,J	12,20	2211.507	AGGREGATE BASE (CV) CLASS 5	(P)	CU YD	5677	5677	
		2231.509	BITUMINOUS PATCHING MIXTURE	(1)	TON	25	25	
D	16	2232.504	MILL BITUMINOUS SURFACE (4.0")	(P)	SQ YD	1803	1803	
E	17	2301.502	DOWEL BAR		EACH	16277	16277	
E	17	2301.504	CONCRETE PAVEMENT 8.0"	(P)	SQ YD	33276	33276	
E	17	2301.508	SUPPLEMENTAL PAVEMENT REINFORCEMENT	(P)	POUND	5772	5772	
E	17	2301.602	DRILL AND GROUT DOWEL BAR (EPOXY COATED)		EACH	21	21	
F	18	2331.603	JOINT ADHESIVE		LIN FT	3871	3871	
F	18	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (2,C)		TON	666	666	
F	18	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (4,F)		TON	1566	1566	
DS	99	2451.507	FINE AGGREGATE BEDDING (CV)		CU YD	116	116	
DS	99	2501.502	12" RC PIPE APRON		EACH	1	1	
DS	99	2501.502	15" RC PIPE APRON		EACH	8	8	
DS	99	2501.502	21" RC PIPE APRON		EACH	2	2	
DS	99	2501.502	24" RC PIPE APRON		EACH	1	1	
DS	99	2501.502	30" RC PIPE APRON		EACH	2	2	
DS	99	2501.503	30" RC PIPE CULVERT CLASS IV		LIN FT	134	134	
L	21	2502.502	4" PRECAST CONCRETE HEADWALL		EACH	17	17	
L	21	2502.503	4" TP PIPE DRAIN		LIN FT	667	667	
L	21	2502.503	4" PERF TP PIPE DRAIN		LIN FT	9860	9860	
DS	99	2503.503	12" RC PIPE SEWER DESIGN 3006		LIN FT	52	52	
DS	99	2503.503	15" RC PIPE SEWER DESIGN 3006		LIN FT	3213	3213	
DS	99	2503.503	15" RC PIPE SEWER DESIGN 3006 CLASS III		LIN FT	510	510	
DS	99	2503.503	21" RC PIPE SEWER DESIGN 3006		LIN FT	136	136	
DS	99	2503.503	24" RC PIPE SEWER DESIGN 3006 CLASS III		LIN FT	316	316	
DS	99	2503.602	CONNECT TO EXISTING STORM SEWER		EACH	3	3	
C	15	2503.603	LINING SEWER PIPE 18"		LIN FT	121	121	
C	15	2503.603	LINING SEWER PIPE 24"		LIN FT	22	22	
C, DS	15,99	2506.502	CASTING ASSEMBLY		EACH	44	44	
DS	99	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020		LIN FT	141	141	
DS	99	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 72-4020		LIN FT	17	17	
DS	99	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 84-4020		LIN FT	5	5	
DS	99	2506.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE		EACH	2	2	
DS	99	2511.504	GEOTEXTILE FILTER TYPE 4		SQ YD	262	262	

FUNDING NOTES:
(A) 81.42% FEDERAL / 18.58% STATE FUNDS
(B) 100% CITY OF WHITE BEAR LAKE FUNDS (CAPPED), REMAINDER: 81.42% FEDERAL / 18.58% STATE FUNDS SEE AGREEMENT #1063436
(C) 100% STATE FUNDS
(D) 100% CITY OF WHITE BEAR LAKE FUNDS SEE AGREEMENT #1063436

NOTES:
(1) THE BITUMINOUS PATCHING SHALL MEET THE DESIGN REQUIREMENTS OF THE PROJECT BITUMINOUS TYPE SP 12.5 NON WEARING COURSE MIXTURE (3,C)(SPWEB340C)
(2) CONSISTS OF INSTALLING APPROX. 3 CU YD OF RAILROAD BALLIST FURNISHED BY OTHERS, SEE SPECIAL PROVISIONS.

PLOTTED/REVISED: 10-SEP-2026
PLOT NAME: d6222196_110est
PATH & FILENAME: Projects\DM_ROS\061\6222\196\Design\PlanSheets\d6222196_110est.dgn

DEPARTMENT OF TRANSPORTATION

LICENSED PROFESSIONAL ENGINEER

CHAD CASEY
LIC. NO. 43348
DATE: 10-SEP-2026

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.

ESTIMATED QUANTITIES

SP 6222-196 (TH 61)

SHEET NO 7
TOTAL SHEETS 113

STATEMENT OF ESTIMATED QUANTITIES

TAB	SHEET NUMBER	ITEM NUMBER	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	SP 6222-196 (A)	SP 6222-196 SAP 174-117-009 (B)
DS	99	2511.507	RANDOM RIPRAP CLASS II	CU YD	33	33	
DS	99	2511.507	RANDOM RIPRAP CLASS IV	CU YD	26	26	
H	19	2521.518	3" CONCRETE WALK	SQ FT	621	621	
J	20	2521.518	4" CONCRETE WALK	SQ FT	1540	1540	
J	20	2521.518	6" CONCRETE WALK	SQ FT	3305	3305	
J	20	2521.602	DRILL AND GROUT REINF BAR (EPOXY COATED)	EACH	498	498	
J	20	2521.618	CONCRETE CURB RAMP WALK	SQ FT	4552	4552	
J	20	2531.503	CONCRETE CURB AND GUTTER DESIGN B424	LIN FT	2525	2525	
J	20	2531.503	CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	203	203	
J	20	2531.503	CONCRETE CURB AND GUTTER DESIGN D424	LIN FT	2084	2084	
J	20	2531.504	8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	29	29	
J	20	2531.603	CONCRETE SILL	LIN FT	71	71	
J	20	2531.603	CONCRETE CURB AND GUTTER	LIN FT	533	533	
J	20	2531.618	TRUNCATED DOMES	SQ FT	572	572	
H	19	2533.503	CONC MED BAR DES SINGLE SLOPE TYPE 54A	LIN FT	25	25	
H	19	2533.503	CONC MED BAR DES SINGLE SLOPE TYPE 54AA	LIN FT	188	188	
H	19	2533.503	CONC MED BAR DES SGL SLOPE TYPE 54 TRANS	LIN FT	26	26	
SL	SL1	2545.501	LIGHTING SYSTEM	LUMP SUM	1	1	
SZ	SZ3	2550.502	RAMP CONTROL SIGNAL FOUNDATION	EACH	2	2	
SZ	SZ3	2550.503	1.5" NON-METALLIC CONDUIT	LIN FT	1190	1190	
SZ	SZ3	2550.503	2" NON-METALLIC CONDUIT	LIN FT	555	555	
SZ	SZ3	2550.503	POWER CABLE 1 CONDUCTOR NO 6	LIN FT	1210	1210	
SZ	SZ3	2550.503	SIGNAL CONTROL CABLE 6 COND NO 14	LIN FT	1990	1990	
SZ	SZ3	2550.503	LEAD-IN CABLE 2 CONDUCTOR NO 14	LIN FT	2540	2540	
SZ	SZ3	2550.601	TEMPORARY COMMUNICATION SYSTEM	LUMP SUM	1	1	
SZ	SZ3	2550.601	FIBER OPTIC CABLE TESTING	LUMP SUM	1	1	
SZ	SZ3	2550.602	OUTDOOR FIBER SPLICE ENCLOSURE	EACH	5	5	
SZ	SZ3	2550.602	FIBER OPTIC PIGTAIL TERMINATION	EACH	4	4	
SZ	SZ3	2550.602	FIBER OPTIC CABLE SPLICING	EACH	7	7	
SZ	SZ3	2550.602	BURIED CABLE SIGN	EACH	18	18	
SZ	SZ3	2550.602	INSTALL RAMP CONTROL SIGNAL	EACH	2	2	
SZ	SZ3	2550.602	PULL VAULT	EACH	9	9	
SZ	SZ3	2550.602	LOOP DETECTOR DESIGN PREFORMED	EACH	5	5	
SZ	SZ3	2550.603	ARMORED FIBER OPTIC PIGTAIL CABLE 6SM	LIN FT	1205	1205	
SZ	SZ3	2550.603	FIBER OPTIC TRUNK CABLE 36SM	LIN FT	6485	6485	
SZ	SZ3	2550.603	FIBER OPTIC TRUNK CABLE 72SM	LIN FT	3675	3675	
SZ	SZ3	2550.603	1.5" BORED CONDUIT	LIN FT	940	940	
SZ	SZ3	2550.603	2" BORED CONDUIT	LIN FT	230	230	
C,DS	15,99	2554.502	GUIDE POST TYPE B	EACH	15	15	
G	19	2554.502	ANCHORAGE ASSEMBLY - TYPE 31	EACH	3	3	
G	19	2554.502	END TREATMENT-TANGENT TERMINAL	EACH	3	3	
G	19	2554.503	TRAFFIC BARRIER DESIGN TYPE 31	LIN FT	638	638	
G	19	2554.615	IMPACT ATTENUATOR	ASSEMBLY	2	2	
K	21	2557.502	METAL BRACE ASSEMBLY	EACH	3	3	
K	21	2557.502	ELECTRICAL GROUND	EACH	3	3	
K	21	2557.503	WIRE FENCE DESIGN 60V-9322	LIN FT	1122	1122	
		2563.601	TRAFFIC CONTROL	LUMP SUM	1	0.98	0.02

FUNDING NOTES:
(A) 81.42% FEDERAL / 18.58% STATE FUNDS
(B) 100% CITY OF WHITE BEAR LAKE FUNDS (CAPPED), REMAINDER: 81.42% FEDERAL / 18.58% STATE FUNDS SEE AGREEMENT #1063436
(C) 100% STATE FUNDS
(D) 100% CITY OF WHITE BEAR LAKE FUNDS SEE AGREEMENT #1063436

PLOTTED/REVISED: 10-AUG-2026
PLOT NAME: d6222196_110est
PATH & FILENAME: Projects\DM_ROS\061\6222\196\Design\PlanSheets\d6222196_110est.dgn

DEPARTMENT OF TRANSPORTATION

LICENSED PROFESSIONAL ENGINEER

CHAD CASEY
LIC. NO. 43348
DATE: 10-AUG-2026

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.

ESTIMATED QUANTITIES

SAP 174-117-009

STATEMENT OF ESTIMATED QUANTITIES

TAB	SHEET NUMBER	ITEM NUMBER	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	SP 6222-196 (A)	SP 6222-196 SAP 174-117-009 (B)
TC	TC2	2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	67	67	
TC	TC2	2563.613	AUDIBLE MESSAGE DEVICE W PUSHBUTTON & LOCATOR TONE	UNIT DAY	2894	2894	
ST	ST1	2564.502	INSTALL SIGN PANEL	EACH	1	1	
M	84	2564.502	INFILTRATION AREA MARKER	EACH	3	3	
ST	ST1	2564.502	DELINEATOR / MARKER	EACH	5	5	
ST	ST1	2564.502	DELINEATOR / MARKER PANEL	EACH	7	7	
ST	ST1	2564.507	CONCRETE FOOTING (MONOTUBE)	CU YD	5	5	
ST	ST1	2564.508	STRUCTURAL STEEL - MONOTUBE SIGN (P)	POUND	6649	6649	
ST	ST1	2564.518	SIGN	SQ FT	721	721	
ST	ST1	2564.518	SIGN PANEL	SQ FT	144	144	
ST	ST1	2564.602	INSTALL SIGN SPECIAL	EACH	3	3	
SS	SS2	2565.516	TRAFFIC CONTROL SIGNAL SYSTEM A	SYSTEM	1	1	
SS	SS2	2565.516	TRAFFIC CONTROL SIGNAL SYSTEM B	SYSTEM	1	1	
SS	SS2	2565.516	TRAFFIC CONTROL SIGNAL SYSTEM C	SYSTEM	1	0.55	0.45
SS	SS2	2565.601	PAINT SIGNAL SYSTEM C (D)	LUMP SUM	1		
SS	SS2	2565.616	REVISE SIGNAL SYSTEM	SYSTEM	1	1	
SS	SS2	2565.616	TEMPORARY SIGNAL SYSTEM C	SYSTEM	1	1	
B	15	2572.503	TEMPORARY FENCE	LIN FT	76	76	
		2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUM	1	1	
N	22	2573.502	STORM DRAIN INLET PROTECTION	EACH	44	44	
N	22	2573.502	CULVERT END CONTROLS	EACH	5	5	
N	22	2573.503	SILT FENCE, TYPE MS	LIN FT	3173	3173	
N	22	2573.503	FILTER BERM TYPE 1	LIN FT	326	326	
N	22	2573.503	SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	6253	6314	
N	22	2574.505	SUBSOILING (P)	ACRE	4.7	4.7	
N	22	2574.505	SOIL BED PREPARATION (P)	ACRE	9.3	9.3	
N	22	2574.508	FERTILIZER TYPE 3	POUND	1543	1543	
N	22	2574.508	FERTILIZER TYPE 4	POUND	106	106	
		2574.601	INFILTRATION TESTING	LUMP SUM	1	1	
N	22	2575.504	ROLLED EROSION PREVENTION CATEGORY 15	SQ YD	2128	2128	
N	22	2575.504	ROLLED EROSION PREVENTION CATEGORY 20	SQ YD	38679	38679	
N	22	2575.505	SEEDING	ACRE	9.3	9.3	
N	22	2575.505	MOWING	ACRE	18.6	18.6	
N	22	2575.505	WEED SPRAYING	ACRE	4.7	4.7	
N	22	2575.506	WEED SPRAY MIXTURE	GALLON	1	1	
SZ	SZ3	2575.507	MULCH MATERIAL TYPE 9	CU YD	6	6	
N	22	2575.508	HYDRAULIC STABILIZED FIBER MATRIX	POUND	27935	27935	
N	22	2575.608	SEED SOUTHERN BOULEVARD	POUND	71	71	
N	22	2575.608	SEED MESIC INSLOPE	POUND	375	375	
N	22	2575.608	SEED WET DITCH	POUND	18	18	
N	22	2575.608	SEED SOUTHERN TALLGRASS ROADSIDE	POUND	58	58	
TC	TC2	2581.503	6" REMOVABLE PREFORMED PAVEMENT MARKING TAPE WR	LIN FT	7065	7065	
TC	TC2	2581.503	24" REMOVABLE PREFORMED PAVEMENT MARKING TAPE WR	LIN FT	144	144	
PM	PM1	2582.503	MOBILE RETROREFLECTOMETER MEASUREMENTS	LIN FT	23456	23456	
TC	TC2	2582.503	24" SOLID LINE PAINT (WR)	LIN FT	1207	1207	
PM	PM1	2582.503	6" SOLID LINE MULTI-COMPONENT GROUND IN (WR)	LIN FT	23456	23456	
PM	PM1	2582.503	6" BROKEN LINE MULTI-COMPONENT GROUND IN (WR)	LIN FT	860	860	
PM	PM1	2582.503	6" BROKEN LINE MULTI-COMPONENT GROUND IN (WR) CONTRAST	LIN FT	520	520	
PM	PM1	2582.503	6" DOTTED LINE PREFORM TAPE GROUND IN	LIN FT	288	288	
PM	PM1	2582.503	6" DOTTED LINE PREFORM THERMO GROUND IN CONT	LIN FT	162	162	
PM	PM1	2582.503	24" SOLID LINE PREFORM THERMO GROUND IN CONT ESR	LIN FT	552	552	
PM	PM1	2582.518	PAVEMENT MESSAGE PREFORM THERMOPLASTIC GROUND IN	SQ FT	550	550	
PM	PM1	2582.518	CROSSWALK PREFORM THERMOPLASTIC ENHANCED SKID RESISTANCE	SQ FT	1040	1040	

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DEPARTMENT OF TRANSPORTATION

CHAD CASEY
LIC. NO. 43348
DATE: 25-AUG-2026
LICENSED PROFESSIONAL ENGINEER

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.

ESTIMATED QUANTITIES

SAP 174-117-009
SP 6222-196
(TH 61)

260134 SP 6222-196

Quest Number: 10414273

Owner Number: 260134 SP 6222-196
Closing Date: Wed, 11/18/2026 09:30 AM CST
Posting Type: Construction Project
Owner: Minnesota DOT - Construction
Solicitor: Minnesota DOT - Construction

QuestCDN Partner Posting

Location Details

City:	**N/A**
County:	**Ramsey**
State/Province:	**MN**
Site Directions:	**In Ramsey County on TH 61 from 1630 ft South of TH 694 to 2nd St**

Project Details

Closing Date:	**Wed, 11/18/2026 09:30 AM CST**
Project Bid Received By & Opening Information:	**All bids must be submitted electronically through Bid Express**

Project Description

Project Owner Number:	**260134 SP 6222-196**
Project Category Code:	**Construction**
Description:	**Grading, Concrete and Bituminous Surfacing, ADA Improvements, Signals, Lighting, and TMS**
Additional Description:	**DBE 10.4**

Primary Contact Information

Owner Details

Owner Name:	**Minnesota DOT - Construction**

Solicitor Details

Solicitor Name:	**Minnesota DOT - Construction**
Design Discipline:	**Project Contact**
Address:	**395 John Ireland Blvd, St. Paul, MN - 55155-1800**
Phone:	**(651) 775-1158**
Contact:	**Eric Embacher**
Email:	**Eric.Embacher@state.mn.us**

Project Document Information

Document Information:	**Proposals may be viewed, without charge, on the MnDOT Bid Letting website http://www.dot.state.mn.us/bidlet/, then click on Visit the E-Plan Room. Proposals can be downloaded per project for a non-refundable charge of $6.00. Plan Holders are parties that have downloaded the proposals. Plan Holders will be notified via email as addenda are issued. Parties that download the proposals and need to have them printed elsewhere are solely responsible for those printing costs. Note: Paper copies of proposals will not be distributed by the Owner or its agent(s). Please contact QuestCDN Customer Support at 952.233.1632 or info@questcdn.com for assistance in downloading and working with this.**
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