

**RAMSEY COUNTY
COOPERATIVE AND MAINTENANCE AGREEMENT
WITH THE CITY OF SAINT PAUL FOR
Reconstruction of Dale Street (County State Aid Highway 53)
between Grand Avenue and Front Street
County State Aid Project 062-653-017
County State Aid Project 062-653-018
Municipal State Aid Project 164-020-157
Highway Safety Improvement Program (HSIP) &
Congestion Mitigation and Air Quality (CMAQ) Project
CMAQ-HSIP 6225(136)**

Total Project Cost:	\$7,446,897.79	Attachments:
City of Saint Paul Cost:	\$ 652,149.95	A – Project Location Map
Ramsey County Cost:	\$2,148,748.38	B – Engineer's Estimate
Saint Paul Regional Water Cost:	\$ 205,630.59	
Federal Funding (HSIP):	\$1,451,178.48	
Federal Funding (CMAQ):	\$2,989,190.40	

This Agreement is between the City of Saint Paul, a municipal corporation ("City") and Ramsey County, a political subdivision of the State of Minnesota ("County"), for the reconstruction of Dale Street between Grand Avenue and Front Street ("Project").

RECITALS

This Agreement is between the City of St. Paul, a municipal corporation ("City") and Ramsey County, a political subdivision of the State of Minnesota, ("County").

WHEREAS, The Project Limits are defined as Dale Street (County State Aid Highway 53) between Grand Avenue and Iglehart Avenue and at the intersections of Thomas Avenue and Minnehaha Avenue (County State Aid Highway 33), within the City of Saint Paul ("Project Limits"), as shown on Exhibit A attached hereto; and

WHEREAS, within the Project Limits, Dale Street is designated County State Aid Highway (CSAH) 53; and

WHEREAS, this Agreement covers those portions of the Project (as such term is hereinafter defined) that are located within the City of Saint Paul; and

WHEREAS, within the Project Limits, Grand Avenue, Summit Avenue, Selby Avenue, Marshall Avenue, Thomas Avenue, and Minnehaha Avenue are located within the City and are City rights-of-way; and

WHEREAS, as part of the Project, the City and County desire to: (i) reconstruct the

traffic signals at the intersections of Grand Avenue and Dale Street (the “Grand/Dale Intersection”), Summit Avenue and Dale Street (the “Summit/Dale Intersection”), Selby Avenue and Dale Street (the “Selby/Dale Intersection”), and Marshall Avenue and Dale Street (the “Marshall/Dale Intersection”); and (ii) to modify the traffic signals at the intersections of Thomas Avenue and Dale Street (the “Thomas/Dale Intersection”), and Minnehaha Avenue and Dale Street (the “Minnehaha/Dale Intersection”); all within the Project Limits (collectively, the “Traffic Signal Work”); and

WHEREAS, as part of the Project, the County also intends to perform pavement rehabilitation on Dale Street within the Project Limits, from Grand Avenue to Iglehart Avenue, in which the City will not participate, and

WHEREAS, the traffic signal reconstruction and modifications, pavement rehabilitation, and all other work that is referenced in Exhibit “B” attached hereto are collectively referred to herein as the “Project”;

WHEREAS, portions of the Project have been designated for funding by the Minnesota Department of Transportation (“Mn/DOT”) as eligible for County State Aid Highway (“CSAH”) funds, and for federal funding; and

WHEREAS, portions of the Project have been designated for funding by County State Aid Project (S.A.P. # 062-653-017), Municipal State Aid Project (S.A.P # 164-020-157) and Highway Safety Improvement Program (HSIP 6225 (136)), and County State Aid Project (S.A.P. # 062-653-018), Municipal State Aid Project (S.A.P. # 164-020-157) and Congestion Mitigation and Air Quality (CMAQ 6225 (136)).

WHEREAS, the Project is identified in Ramsey County’s 2025-2029 Transportation Improvement Program for roadway pavement preservation improvements.

NOW, THEREFORE, BE IT MUTUALLY AGREED AS FOLLOWS:

AGREEMENTS

1. Responsibility for Design Engineering

1.1. Plans, specifications, and proposals will be prepared in accordance with Mn/DOT State Aid requirements.

1.2. The County will prepare plans for the Traffic Signal and interconnect work at the Grand/Dale Intersection, the Summit/Dale Intersection, the Selby/Dale Intersection, the Marshall/Dale Intersection, the Thomas/Dale Intersection, and the Minnehaha/Dale Intersection. Such plans (including plans for all traffic signals, traffic signal cabinets, emergency vehicle equipment, and accessible pedestrian signals for such Traffic Signal Work) shall be approved by the City and County.

- 1.3. The County will prepare plans for the pavement rehabilitation improvements.
- 1.4. Final approved traffic signal plans for the Traffic Signal Work showing proposed construction will be presented to the City and will be on file at the Ramsey County Public Works Department.
- 1.5. Any costs associated with Project revisions after the completion of plans and specifications will be paid for by the party requesting the revisions. Revisions are subject to approval by both parties.
2. Responsibility for the Right of Way Plan and Acquisition
 - 2.1. The County will prepare a right of way acquisition plan showing easements and other property interests required for construction of the Project in accordance with Mn/DOT State Aid standards.
 - 2.2. The County will acquire the proposed easements and right of way in accordance with Mn/DOT State Aid requirements.
 - 2.3. The City grants the County permanent and temporary construction permits and easements over all City owned rights-of-way, parcels, and properties within the limits of the Project for use during construction at no cost to the county; specifically granting a waiver of compensation for parcel 55 (\$2,700.00).
3. Procurement and Award of Contract
 - 3.1. The County will take bids for the Project in accordance with state law and County procedures.
 - 3.2. The County will prepare an abstract of bids and a cost participation summary based on the lowest responsible bidder's proposal, and will provide the same to the City.
 - 3.3. The County will request the City's concurrence to award a contract to the lowest responsible bidder.
 - 3.4. The County will award a contract, and pay the contractor from the Federal Aid, County State Aid Highway, Municipal State Aid Highway, and local funds identified for the Project.
4. Responsibility for Construction Engineering
 - 4.1. Except for those portions identified in Section 4.1.1, the County shall perform or contract the performance of the construction engineering for all elements of the Project.

- 4.1.1. The City will provide construction engineering for Saint Paul Traffic Signals

5. Project Costs

- 5.1. Except as provided herein, the County and City will participate in the costs of construction in accordance with the Ramsey County Cost Participation Policy as approved in the 2025 – 2029 Ramsey County Transportation Improvement Plan. If there is a conflict between the Cost Participation Policy and this Agreement, this Agreement will prevail.

- 5.1.1. Exhibit B provides a designation of the pay items and the Engineer's Estimated costs for the Project. As more fully set forth on Exhibit B:

- (a) County will be responsible for 25% and City will be responsible for 75% of the costs of the Traffic Signal Work at the Grand/Dale Intersection; and
- (b) County and City will each be responsible for 50% of the costs of the Traffic Signal Work at the Summit/Dale Intersection and the Marshall/Dale Intersection, and
- (c) County will be responsible for 75% and City will be responsible for 25% of the costs of the Traffic Signal Work at the Selby/Dale Intersection;
- (d) County will be responsible for 50% and City will be responsible for 50% of the costs of the Traffic Signal Work at the Thomas/Dale Intersection;
- (e) County will be responsible for 100% of the costs of the Traffic Signal Work at the Minnehaha/Dale Intersection; and
- (f) County will be responsible for 100% of the pavement rehabilitation improvements portion of the Project.

Quantities and unit prices shown in Exhibit B are estimates. Actual costs shall be based on the contract unit prices and the quantities constructed, determined after Project completion, and the City's and County's respective financial obligations hereunder shall be adjusted based on such actual final costs.

- 5.1.2. In addition to the cost-sharing responsibilities set forth in Section 5.1.1 above, the parties acknowledge and agree that City will furnish new traffic signal cabinets and emergency vehicle equipment (itemized separately from the signal systems) for the Traffic Signal and interconnect Work at the Grand/Dale Intersection, the Summit/Dale Intersection, the Selby/Dale Intersection and the Marshall/Dale

Intersection (the "City-Furnished Materials"). County shall reimburse City for:

- (a) 25% of the actual cost of the City-Furnished Materials for the Grand/Dale Intersection;
- (b) 50% of the actual cost of the City-Furnished Materials for the Summit/Dale Intersection;
- (c) 75% of the actual cost of the City-Furnished Materials for the Selby/Dale Intersection;
- (d) 50% of the actual cost of the City-Furnished Materials for the Thomas/Dale Intersection;
- (e) 100% of the actual cost of the City-Furnished Materials for the Minnehaha/Dale Intersection; and
- (f) 50% of the actual cost of the City-Furnished Materials for the Marshall/Dale Intersection.

5.2. Design Engineering Costs

5.2.1. The City shall pay the County a design engineering fee equal to 12% of the City's share of the costs of the Traffic Signal and interconnect work for the Grand/Dale Intersection, the Summit/Dale Intersection, the Selby/Dale Intersection, the Marshall/Dale Intersection, the Thomas/Dale Intersection, and the Minnehaha/Dale Intersection.

5.2.2. City-Furnished Materials shall not be subject to design engineering fees.

5.3. Construction Engineering Costs

5.3.1. The County shall pay the City a construction engineering fee equal to 12% of the City's share of the costs of the Traffic Signal and interconnect work for the Grand/Dale Intersection, the Summit/Dale Intersection, the Selby/Dale Intersection, the Marshall/Dale Intersection, the Thomas/Dale Intersection, and the Minnehaha/Dale Intersection.

5.3.2. City-Furnished Materials shall not be subject to construction engineering fees.

5.4. Federal funds shall be shared between the County and the City on a prorated basis of eligible federal items.

6. Payment Schedule

6.1. The County will provide to the City a preliminary invoice for all design engineering fees owed by City for Traffic Signal Work at Project construction plan completion when final plans are approved and signed by all parties for all elements of the Project.

- 6.2. The County will invoice construction costs (not including construction engineering fees) monthly and at the time of substantial project completion based on the payments made to the contractor.
- 6.3. City will provide the County a preliminary invoice for County's share of City-Furnished Materials as identified in Section 5.1.2.
- 6.4. County will provide to the City a preliminary invoice for all construction engineering fees owed by City for Traffic Signal Work at the time of substantial project completion.
- 6.5. At substantial project completion, County will prepare and provide to the City a final invoice for all remaining amounts due from City, reconciling and providing applicable credits and deductions for all of the foregoing City and County invoices and accounting for payments of such invoices made by City and/or County, as applicable.
- 6.6. All invoices must include backup documentation supporting the charges, fees and costs as reasonably required by the other party.
- 6.7. Payment will be made within 35 days of receipt of an invoice (not including "preliminary invoices").
7. Ownership and Maintenance Responsibility for Project Elements
 - 7.1. The Joint Powers Agreement between the County and the City, (County Resolution 93-643 and City Council File 93-1974) (the JPA) details maintenance responsibilities and costs on the County Road system in the City.
8. The City grants the County temporary construction permits and easements over all City owned rights-of-way and property within the limits of the Project for use during construction at no cost to the County; specifically granting a waiver of compensation for parcel 55 (Exhibit C) (\$2,700.00).
9. Each party is responsible for its own acts and omissions and the results thereof to the extent authorized by law and will not be responsible for the acts and omissions of any others and the results thereof.
10. COUNTERPARTS: The parties may sign this Agreement in counterparts, each of which constitutes an original, but all of which together constitute one instrument.

11. 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.

12. This Agreement shall remain in full force and effect until terminated by mutual agreement of the parties.

If to the CITY: City of St. Paul
 25 West 4th St
 St. Paul, MN 55102
 Attention: Nick Peterson, City Engineer

If to the COUNTY: Ramsey County Public Works
 1425 Paul Kirkwold Drive
 Arden Hills, MN 55112
 Attention: Brad Estochen, Ramsey County Engineer

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CITY OF Saint Paul, MINNESOTA

By: _____
Mayor

Date: _____

By: _____
Director of Public Works

Date: _____

Approved by the Office of Financial Services:

By: _____

Approved as to Form:

By: _____
City Attorney

RAMSEY COUNTY, MINNESOTA

Ling Becker, County Manager

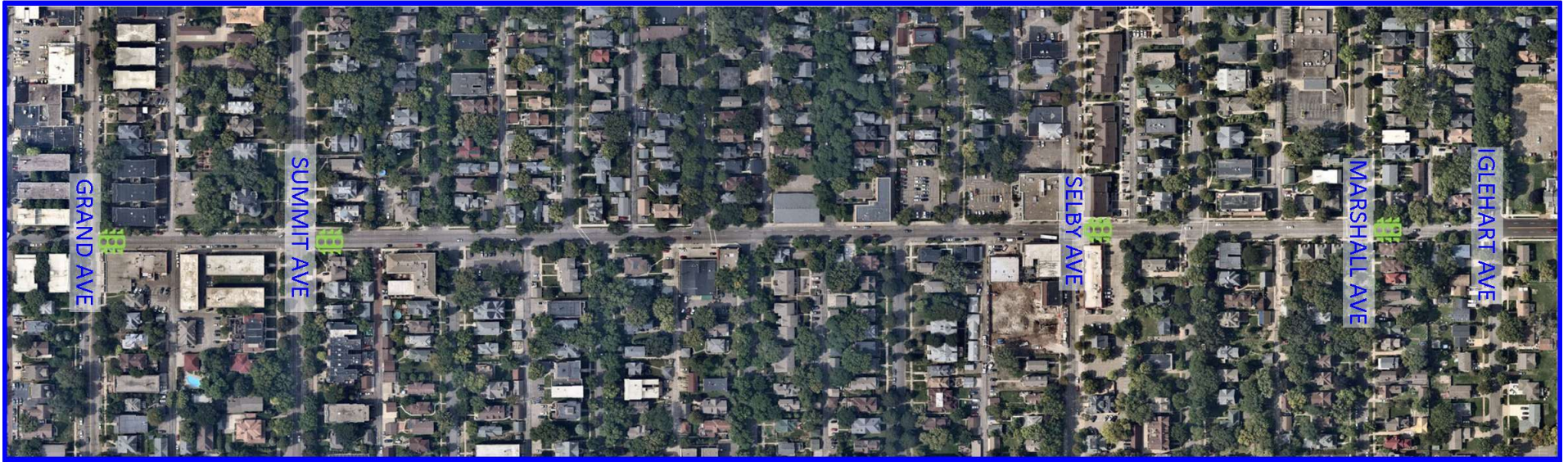
Date: _____

Approval recommended:

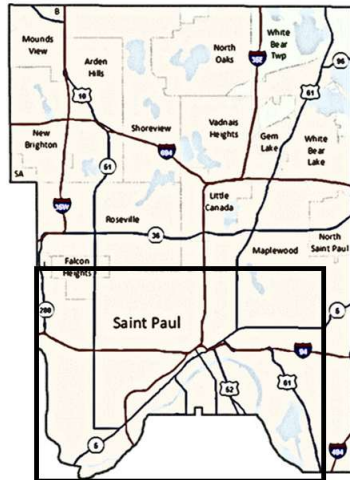
Brad Estochen, County Engineer
Public Works Department

Approved as to form:

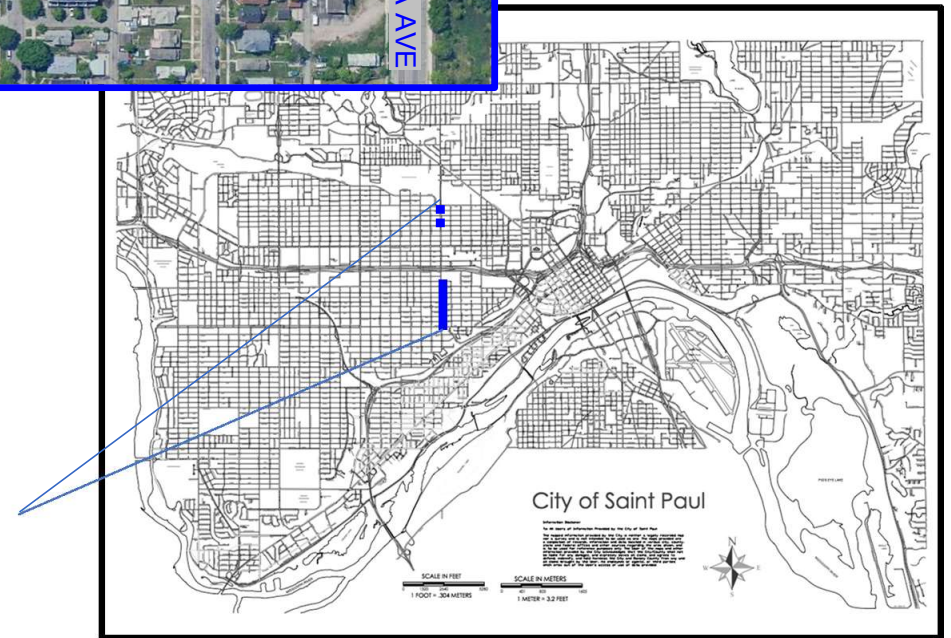
Kathleen Ritter
Senior Assistant County Attorney



-  SIGNAL REPLACEMENT
-  SIGNAL MODIFICATION



PROJECT LOCATION



Construction Cost Estimate - 100% Construction Plans																1/30/2026	
S.P. 062-653-017/S.P. 062-653-018/S.P. 164-020-157 DALE STREET (CSAH 53) IMPROVEMENTS																	
				FEDERAL/STATE AID												NON-PARTICIPATING	
Item #	Description	Units	Unit Cost	Total Estimate		HSIP 6225 (136) S.P. 062-653-017 90% HSIP Eligible 10% Ramsey County		HSIP 6225 (136) S.P. 164-020-157 90% HSIP Eligible 10% City of St. Paul		CMAQ 6225 (136) S.P. 062-653-018 80% CMAQ Eligible 20% Ramsey County		CMAQ 6225 (136) S.P. 164-020-157 80% CMAQ Eligible 20% City of St. Paul		25-00-003 100% St. Paul Regional Water Services		100% Ramsey County	
				Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
2011.601	CONSTRUCTION SURVEYING	LUMP SUM	\$ 65,000.00	1	\$ 65,000.00	0.29	\$ 19,058.00	0.01	\$ 325.00	0.49	\$ 31,889.00	0.17	\$ 11,180.00	0.04	\$ 2,528.50		\$ -
2021.501	MOBILIZATION	LUMP SUM	\$ 400,000.00	1	\$ 400,000.00	0.29	\$ 117,280.00	0.01	\$ 2,000.00	0.49	\$ 196,240.00	0.17	\$ 68,800.00	0.04	\$ 15,560.00		\$ -
2101.502	CLEARING	EACH	\$ 250.00	4	\$ 1,000.00					4	\$ 1,000.00		\$ -		\$ -		\$ -
2101.502	GRUBBING	EACH	\$ 250.00	4	\$ 1,000.00					4	\$ 1,000.00		\$ -		\$ -		\$ -
2102.503	PAVEMENT MARKING REMOVAL	LIN FT	\$ 1.25	1102	\$ 1,377.50	1102	\$ 1,377.50				\$ -		\$ -		\$ -		\$ -
2102.518	PAVEMENT MARKING REMOVAL	SQ FT	\$ 4.00	736	\$ 2,944.00	736	\$ 2,944.00				\$ -		\$ -		\$ -		\$ -
2104.502	REMOVE LIGHTING UNIT	EACH	\$ 600.00	1	\$ 600.00						\$ -	1	\$ 600.00		\$ -		\$ -
2104.502	REMOVE MANHOLE	EACH	\$ 1,000.00	10	\$ 10,000.00	2	\$ 2,000.00			8	\$ 8,000.00		\$ -		\$ -		\$ -
2104.502	REMOVE CATCH BASIN	EACH	\$ 750.00	13	\$ 9,750.00	5	\$ 3,750.00			8	\$ 6,000.00		\$ -		\$ -		\$ -
2104.502	REMOVE CASTING	EACH	\$ 135.00	58	\$ 7,830.00						\$ -		\$ -	58	\$ 7,830.00		\$ -
2104.502	REMOVE FOUNDATION	EACH	\$ 900.00	1	\$ 900.00						\$ -	1	\$ 900.00		\$ -		\$ -
2104.502	REMOVE SIGN	EACH	\$ 55.00	75	\$ 4,125.00	75	\$ 4,125.00				\$ -		\$ -		\$ -		\$ -
2104.502	REMOVE SIGNAL SYSTEM A	EACH	\$ 28,200.00	1	\$ 28,200.00					0	\$ 7,050.00	1	\$ 21,150.00		\$ -		\$ -
2104.502	REMOVE SIGNAL SYSTEM B	EACH	\$ 21,600.00	1	\$ 21,600.00					1	\$ 10,800.00	1	\$ 10,800.00		\$ -		\$ -
2104.502	REMOVE SIGNAL SYSTEM C	EACH	\$ 40,800.00	1	\$ 40,800.00					1	\$ 30,600.00	0	\$ 10,200.00		\$ -		\$ -
2104.502	REMOVE SIGNAL SYSTEM D	EACH	\$ 24,000.00	1	\$ 24,000.00					1	\$ 12,000.00	1	\$ 12,000.00		\$ -		\$ -
2104.502	SALVAGE HISTORIC ORNAMENT	EACH	\$ 1,000.00	1	\$ 1,000.00	1	\$ 1,000.00				\$ -		\$ -		\$ -		\$ -
2104.502	SALVAGE SIGN	EACH	\$ 55.00	10	\$ 550.00	10	\$ 550.00				\$ -		\$ -		\$ -		\$ -
2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$ 4.00	4505	\$ 18,020.00	2588	\$ 10,352.00			1917	\$ 7,668.00		\$ -		\$ -		\$ -
2104.503	REMOVE SEWER PIPE (STORM)	LIN FT	\$ 40.00	546	\$ 21,840.00	125	\$ 5,000.00			421	\$ 16,840.00		\$ -		\$ -		\$ -
2104.503	REMOVE CURB & GUTTER	LIN FT	\$ 10.00	3422	\$ 34,220.00	1835	\$ 18,350.00			1587	\$ 15,870.00		\$ -		\$ -		\$ -
2104.503	SALVAGE FENCE	LIN FT	\$ 15.00	45	\$ 675.00						\$ -		\$ -		\$ -	45	\$ 675.00
2104.504	REMOVE PAVEMENT	SQ YD	\$ 30.00	4680	\$ 140,400.00	1858	\$ 55,740.00			2822	\$ 84,660.00		\$ -		\$ -		\$ -
2104.504	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$ 12.00	188	\$ 2,256.00	188	\$ 2,256.00				\$ -		\$ -		\$ -		\$ -
2104.518	REMOVE CONCRETE WALK	SQ FT	\$ 18.00	18815	\$ 338,670.00	8281	\$ 149,058.00			10534	\$ 189,612.00		\$ -		\$ -		\$ -
2104.601	REMOVE CABLES	LUMP SUM	\$ 2,500.00	1	\$ 2,499.25	0.29	\$ 733.00	0.01	\$ 12.50	0	\$ 1,226.50	0.17	\$ 430.00	0.04	\$ 97.25		\$ -
2104.618	SALVAGE BRICK PAVERS	SQ FT	\$ 15.00	1637	\$ 24,555.00					1637	\$ 24,555.00		\$ -		\$ -		\$ -
2105.607	COMMON EXCAVATION	CU YD	\$ 45.00	423	\$ 19,035.00	423	\$ 19,035.00				\$ -		\$ -		\$ -		\$ -
2106.507	COMMON EMBANKMENT (CV)	CU YD	\$ 20.00	62	\$ 1,240.00	62	\$ 1,240.00				\$ -		\$ -		\$ -		\$ -
2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOURL	\$ 150.00	20	\$ 3,000.00	20	\$ 3,000.00				\$ -		\$ -		\$ -		\$ -
2211.507	AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 80.00	926	\$ 74,080.00	363	\$ 29,040.00			563	\$ 45,040.00		\$ -		\$ -		\$ -
2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	\$ 12.00	12563	\$ 150,756.00	10617	\$ 127,404.00			1946	\$ 23,352.00		\$ -		\$ -		\$ -
2301.504	CONCRETE PAVEMENT 7.0"	SQ YD	\$ 125.00	3006	\$ 375,750.00	949	\$ 118,625.00			2057	\$ 257,125.00		\$ -		\$ -		\$ -
2301.602	DRILL & GROUT REINF BAR (EPOXY COATED)	EACH	\$ 15.00	900	\$ 13,500.00	695	\$ 10,425.00			205	\$ 3,075.00		\$ -		\$ -		\$ -
2302.508	SUPPLEMENTAL REINF BARS (EPOXY COATED)	POUND	\$ 5.00	20	\$ 100.00					20	\$ 100.00		\$ -		\$ -		\$ -
2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	\$ 5.50	188	\$ 1,034.00	134	\$ 737.00			54	\$ 297.00		\$ -		\$ -		\$ -
2360.509	TYPE SP 9.5 WEARING COURSE MIX (3.8)	TON	\$ 90.00	2355	\$ 211,950.00	1681	\$ 151,290.00			674	\$ 60,660.00		\$ -		\$ -		\$ -
2411.502	CONCRETE STAIRWAY	EACH	\$ 500.00	1	\$ 500.00			1	\$ 500.00		\$ -		\$ -		\$ -		\$ -
2451.609	GRANULAR BACKFILL	TON	\$ 5.00	29	\$ 145.00						\$ -		\$ -	29	\$ 145.00		\$ -
2475.503	PIPE RAILING	LIN FT	\$ 250.00	6	\$ 1,500.00			6	\$ 1,500.00		\$ -		\$ -		\$ -		\$ -
2503.503	15" RC PIPE SEWER CLASS V	LIN FT	\$ 125.00	432	\$ 54,000.00	55	\$ 6,875.00			377	\$ 47,125.00		\$ -		\$ -		\$ -
2503.503	18" RC PIPE SEWER CLASS V	LIN FT	\$ 135.00	44	\$ 5,940.00	23	\$ 3,105.00			21	\$ 2,835.00		\$ -		\$ -		\$ -
2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$ 1,500.00	10	\$ 15,000.00	1	\$ 1,500.00			9	\$ 13,500.00		\$ -		\$ -		\$ -
2503.602	INSPECTION HOLE	EACH	\$ 150.00	58	\$ 8,700.00						\$ -		\$ -	58	\$ 8,700.00		\$ -
2504.602	VALVE BOX	EACH	\$ 950.00	4	\$ 3,800.00						\$ -		\$ -	4	\$ 3,800.00		\$ -
2504.602	CURB BOX	EACH	\$ 600.00	4	\$ 2,400.00						\$ -		\$ -	4	\$ 2,400.00		\$ -
2504.602	WATER UTILITY HOLE	EACH	\$ 7,500.00	10	\$ 75,000.00						\$ -		\$ -	10	\$ 75,000.00		\$ -
2504.604	4" POLYSTYRENE INSULATION	SQ YD	\$ 45.00	21	\$ 963.00	4	\$ 162.00			18	\$ 801.00		\$ -		\$ -		\$ -
2506.502	CASTING ASSEMBLY	EACH	\$ 1,500.00	63	\$ 94,500.00	5	\$ 7,500.00			20	\$ 30,000.00		\$ -	38	\$ 57,000.00		\$ -
2506.502	ADJUST FRAME & RING CASTING	EACH	\$ 850.00	10	\$ 8,500.00	10	\$ 8,500.00				\$ -		\$ -		\$ -		\$ -
2506.503	CONST DRAINAGE STRUCTURE DESIGN SPECIAL	LIN FT	\$ 3,500.00	54	\$ 187,600.00	16	\$ 55,300.00			38	\$ 132,300.00		\$ -		\$ -		\$ -
2506.503	CONST DRAINAGE STRUCTURE DES 48-4020	LIN FT	\$ 1,000.00	41	\$ 40,600.00	4	\$ 4,100.00			37	\$ 36,500.00		\$ -		\$ -		\$ -
2506.503	CONST DRAINAGE STRUCTURE DES 60-4020	LIN FT	\$ 1,500.00	17	\$ 25,050.00					17	\$ 25,050.00		\$ -		\$ -		\$ -
2506.602	CONNECT TO EXISTING STRUCTURE	EACH	\$ 1,500.00	3	\$ 4,500.00	1	\$ 1,500.00			2	\$ 3,000.00		\$ -		\$ -		\$ -
2521.518	6" CONCRETE WALK	SQ FT	\$ 15.00	15147	\$ 227,205.00	7082	\$ 106,230.00			8065	\$ 120,975.00		\$ -		\$ -		\$ -
2521.602	DRILL & GROUT REINF BAR (EPOXY COATED)	EACH	\$ 15.00	1596	\$ 23,940.00	1272	\$ 19,080.00			324	\$ 4,860.00		\$ -		\$ -		\$ -
2521.618	CONCRETE CURB RAMP WALK	SQ FT	\$ 20.00	7120	\$ 142,400.00	3017	\$ 60,340.00			4103	\$ 82,060.00		\$ -		\$ -		\$ -
2531.503	CONCRETE CURB & GUTTER DESIGN B412	LIN FT	\$ 40.00	330	\$ 13,200.00	330	\$ 13,200.00				\$ -		\$ -		\$ -		\$ -
2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 50.00	1704	\$ 85,200.00	848	\$ 42,400.00			856	\$ 42,800.00		\$ -		\$ -		\$ -
2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$ 100.00	108	\$ 10,800.00	108	\$ 10,800.00				\$ -		\$ -		\$ -		\$ -
2531.504	8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$ 125.00	177	\$ 22,125.00	177	\$ 22,125.00				\$ -		\$ -		\$ -		\$ -
2531.603	CONCRETE CURB & GUTTER	LIN FT	\$ 40.00	1358	\$ 54,320.00	567	\$ 22,680.00			791	\$ 31,640.00		\$ -		\$ -		\$ -
2531.603	CONCRETE CURB DESIGN V	LIN FT	\$ 80.00	611	\$ 48,880.00	292	\$ 23,360.00			319	\$ 25,520.00		\$ -		\$ -		\$ -
2531.618	TRUNCATED DOMES	SQ FT	\$ 80.00	1142	\$ 91,360.00	495	\$ 39,600.00			647	\$ 51,760.00		\$ -		\$ -		\$ -
2540.602	BICYCLE RACK	EACH	\$ 2,000.00	6	\$ 12,000.00	6	\$ 12,000.00				\$ -		\$ -		\$ -		\$ -
2540.602	INSTALL HISTORIC ORNAMENT	EACH	\$ 1,000.00	1	\$ 1,000.00	1	\$ 1,000.00				\$ -		\$ -		\$ -		\$ -
2540.618	INSTALL BRICK PAVERS	SQ FT	\$ 15.00	1778	\$ 26,670.00					1778	\$ 26,670.00		\$ -		\$ -		\$ -
2545.503	1.5" NON-METALLIC CONDUIT	LIN FT	\$ 8.00	145	\$ 1,160.00												

Item #	Description	Units	Unit Cost	Total Estimate		HSIP 6225 (136) S.P. 062-653-017 90% HSIP Eligible 10% Ramsey County		HSIP 6225 (136) S.P. 164-020-157 90% HSIP Eligible 10% City of St. Paul		CMAQ 6225 (136) S.P. 062-653-018 80% CMAQ Eligible 20% Ramsey County		CMAQ 6225 (136) S.P. 164-020-157 80% CMAQ Eligible 20% City of St. Paul		25-00-003 100% St. Paul Regional Water Services		100% Ramsey County	
						Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
2563.601	ALTERNATE PEDESTRIAN ROUTE	LUMP SUM	\$ 20,000.00	1	\$ 19,994.00	0.29	\$ 5,864.00	0.01	\$ 100.00	0.49	\$ 9,812.00	0.17	\$ 3,440.00	0.04	\$ 778.00		\$ -
2564.502	INSTALL SIGN PANEL	EACH	\$ 280.00	10	\$ 2,800.00		\$ -				\$ -		\$ -		\$ -		\$ -
2564.502	DEUNEATOR	EACH	\$ 250.00	12	\$ 3,000.00		\$ -				\$ -		\$ -		\$ -		\$ -
2564.502	OBJECT MARKER	EACH	\$ 250.00	5	\$ 1,250.00		\$ -				\$ -		\$ -		\$ -		\$ -
2564.602	SIGN COLLAR	EACH	\$ 75.00	31	\$ 2,325.00		\$ -				\$ -		\$ -		\$ -		\$ -
2564.618	SIGN	SQ FT	\$ 75.00	442	\$ 33,150.00		\$ -				\$ -		\$ -		\$ -		\$ -
2565.501	TRAFFIC CONTROL INTERCONNECT	LUMP SUM	\$ 265,460.00	1	\$ 265,460.00		\$ -			1	\$ 265,460.00		\$ -		\$ -		\$ -
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM A	SYSTEM	\$ 341,462.50	1	\$ 341,462.50		\$ -			0	\$ 85,365.63	1	\$ 256,096.88		\$ -		\$ -
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM B	SYSTEM	\$ 345,908.25	1	\$ 345,908.25		\$ -			1	\$ 172,954.13	1	\$ 172,954.13		\$ -		\$ -
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM C	SYSTEM	\$ 348,714.00	1	\$ 348,714.00		\$ -			1	\$ 261,535.50	0	\$ 87,178.50		\$ -		\$ -
2565.601	TRAFFIC CONTROL SIGNAL SYSTEM D	SYSTEM	\$ 351,033.75	1	\$ 351,033.75		\$ -			1	\$ 175,516.88	1	\$ 175,516.88		\$ -		\$ -
2565.616	REVISE SIGNAL SYSTEM E	SYSTEM	\$ 55,960.00	1	\$ 55,960.00		\$ -			1	\$ 27,980.00	1	\$ 27,980.00		\$ -		\$ -
2565.616	REVISE SIGNAL SYSTEM F	SYSTEM	\$ 52,720.00	1	\$ 52,720.00		\$ -			1	\$ 52,720.00		\$ -		\$ -		\$ -
2571.502	TREE	EACH	\$ 800.00	2	\$ 1,600.00		\$ -			2	\$ 1,600.00		\$ -		\$ -		\$ -
2571.602	TREE PROTECTION	EACH	\$ 185.00	99	\$ 18,315.00		\$ -			26	\$ 4,810.00		\$ -		\$ -		\$ -
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	\$ 5,000.00	1	\$ 4,998.50	0.29	\$ 1,466.00	0.01	\$ 25.00	0.49	\$ 2,453.00	0.17	\$ 860.00	0.04	\$ 194.50		\$ -
2573.502	STORM DRAIN INLET PROTECTION	EACH	\$ 160.00	62	\$ 9,920.00		\$ -			14	\$ 2,240.00		\$ -		\$ -		\$ -
2574.508	FERTILIZER TYPE 3	POUND	\$ 170.00	132	\$ 22,440.00		\$ -			43	\$ 7,310.00		\$ -		\$ -		\$ -
2575.508	HYDRAULIC MULCH MATRIX	POUND	\$ 55.00	1315	\$ 72,325.00		\$ -			432	\$ 23,760.00		\$ -		\$ -		\$ -
2575.607	SEED SOUTHERN BOULEVARD	POUND	\$ 85.00	61	\$ 5,185.00		\$ -			20	\$ 1,700.00		\$ -		\$ -		\$ -
2582.503	8" DOTTED LINE MULTI COMP GR IN (WR)	LIN FT	\$ 2.60	232	\$ 603.20		\$ -				\$ -		\$ -		\$ -		\$ -
2582.503	4" DBL SOLID LINE MULTI COMP GR IN (WR)	LIN FT	\$ 2.50	2248	\$ 5,620.00		\$ -				\$ -		\$ -		\$ -		\$ -
2582.503	4" SOLID LINE MULTI COMP GR IN (WR)	LIN FT	\$ 2.00	6168	\$ 12,336.00		\$ -				\$ -		\$ -		\$ -		\$ -
2582.503	8" SOLID LINE MULTI COMP GR IN (WR)	LIN FT	\$ 4.00	125	\$ 500.00		\$ -				\$ -		\$ -		\$ -		\$ -
2582.503	24" SOLID LINE MULTI COMP GR IN (WR)	LIN FT	\$ 25.00	220	\$ 5,500.00		\$ -				\$ -		\$ -		\$ -		\$ -
2582.503	4" BROKEN LINE MULTI COMP GR IN (WR)	LIN FT	\$ 1.25	1672	\$ 2,090.00		\$ -				\$ -		\$ -		\$ -		\$ -
2582.503	4" DOTTED LINE MULTI COMP GR IN (WR)	LIN FT	\$ 2.25	420	\$ 945.00		\$ -				\$ -		\$ -		\$ -		\$ -
2582.503	24" SOLID LINE PREF THERMO GR IN	LIN FT	\$ 30.00	89	\$ 2,670.00		\$ -				\$ -		\$ -		\$ -		\$ -
2582.518	PAVT MSSG PREF THERMO GR IN	SQ FT	\$ 30.00	510	\$ 15,300.00		\$ -				\$ -		\$ -		\$ -		\$ -
2582.518	CROSSWALK PREF THERMO GR IN	SQ FT	\$ 16.00	3904	\$ 62,464.00		\$ -	776	\$ 12,416.00		\$ -		\$ -		\$ -		\$ -
Subtotal:				\$	5,496,652.95	\$	1,595,288.70	\$	17,128.50	\$	2,831,802.63	\$	904,685.38	\$	175,978.25	\$	2,700.00
Contingency (0%):																	
Total:				\$	5,496,652.95	\$	1,595,288.70	\$	17,128.50	\$	2,831,802.63	\$	904,685.38	\$	175,978.25	\$	2,700.00

(2.5%/year): inflation 0.025 \$ 5,634,069.27 \$ 1,635,170.92 \$ 17,556.71 \$ 2,902,597.69 \$ 927,302.51 \$ 180,377.71 \$ 2,767.50

Construction Engineering (12.0%) 0.120 \$ 676,088.31 \$ 196,220.51 \$ 2,106.81 \$ 348,311.72 \$ 111,276.30 %2 Fee \$ 3,607.55 \$ 332.10

Total Plus Construction Engineering (12.0%) \$ 6,310,157.59 \$ 1,831,391.43 \$ 19,663.52 \$ 3,250,909.41 \$ 1,038,578.81 \$ 183,985.26 \$ 3,099.60

Design Engineering (12.0%) 0.120 \$ 676,088.31 \$ 196,220.51 \$ 2,106.81 \$ 348,311.72 \$ 111,276.30 \$ 21,645.32 \$ 332.10

Total with all engineering costs \$ 7,007,520.79 \$ 2,027,611.94 \$ 21,770.32 \$ 3,599,221.14 \$ 1,149,855.11 \$ 205,630.59 \$ 3,431.70

Total Right of Way Acquisition Cost \$ 439,377.00

Total with all engineering and right of way costs \$ 7,446,897.79

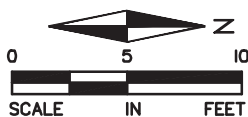
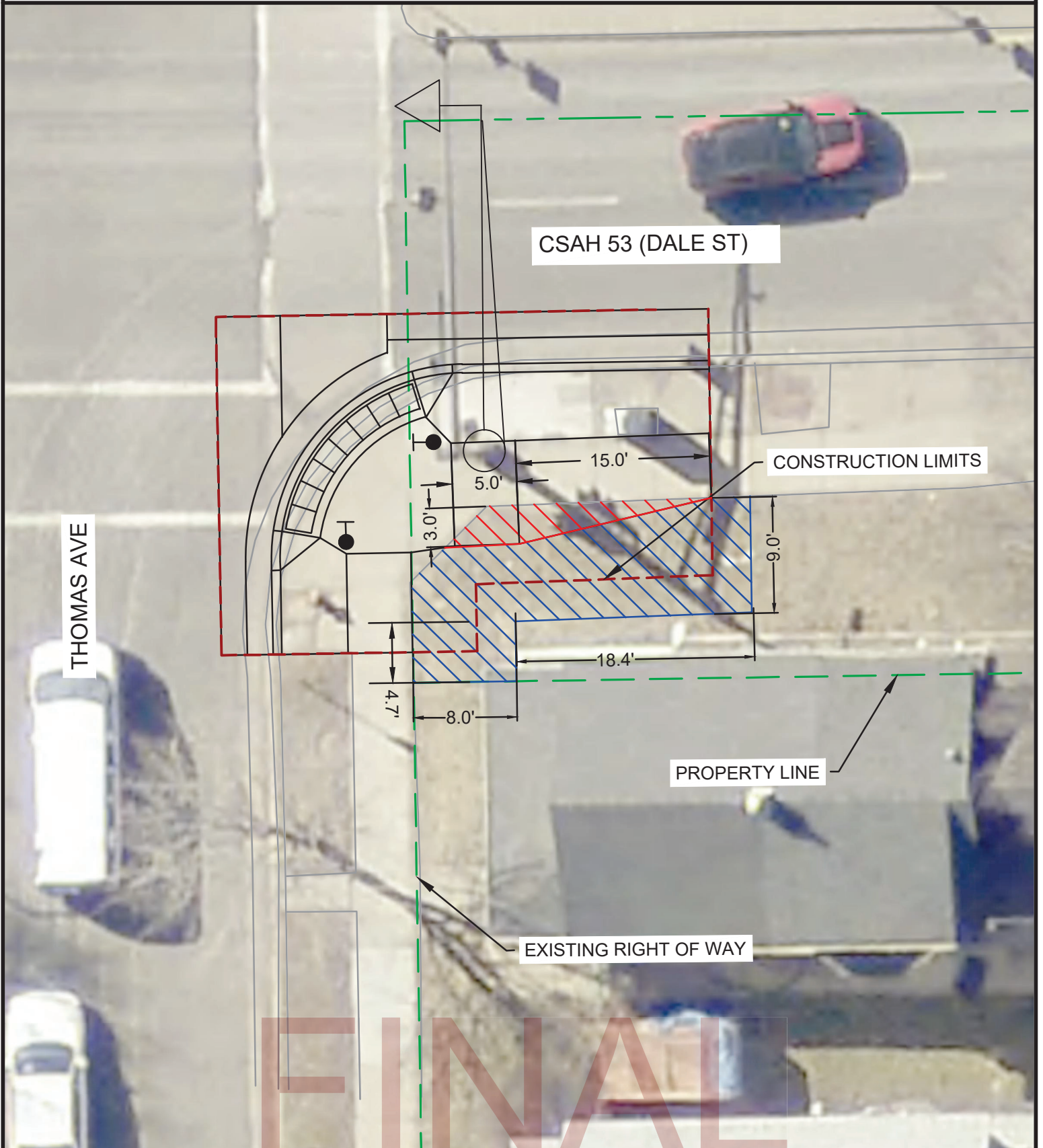
Federal Percentage				98.94%	1.06%	75.79%	24.21%
Estimated Project Cost							
Federal Funding							
HSIP Qualifying Costs				\$ 1,824,850.74	\$ 19,593.29		
HSIP Cost Cap (\$1,451,178.48)				\$ 1,435,762.80	\$ 15,415.68		
HSIP Overage				\$ 389,087.95	\$ 4,177.61		
CMAQ Qualifying Costs					\$ 2,879,376.91	\$ 919,884.09	
CMAQ Cost Cap (\$2,989,190.40)					\$ 2,265,442.10	\$ 723,748.30	
CMAQ Overage					\$ 613,934.81	\$ 196,135.79	
Agency Funding							
Ramsey County Participating				\$ 926,037.12	\$ 202,761.19	\$ 719,844.23	\$ 3,431.70
Ramsey County Overages				\$ 1,003,022.75	\$ 389,087.95	\$ 613,934.81	
Ramsey County Right of Way (50%)				\$ 219,688.50			
Ramsey County Total				\$ 2,148,748.38			
City of Saint Paul Participating				\$ 232,148.05	\$ 2,177.03	\$ 229,971.02	
City of Saint Paul Overages				\$ 200,313.40	\$ 4,177.61	\$ 196,135.79	
City of Saint Paul Right of Way (50%)				\$ 219,688.50			
City of Saint Paul Total				\$ 652,149.95			
SPRWS Total				\$ 205,630.59			\$ 205,630.59
Total Project Cost				\$ 7,446,897.79			



PERMANENT EASEMENT = 35 SQ FT



TEMPORARY EASEMENT = 215 SQ FT



PARCEL 55
602 DALE ST N
SAINT PAUL MN 55103
PID: 3629233220190

PARCEL SKETCH
02/02/2025

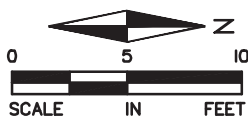
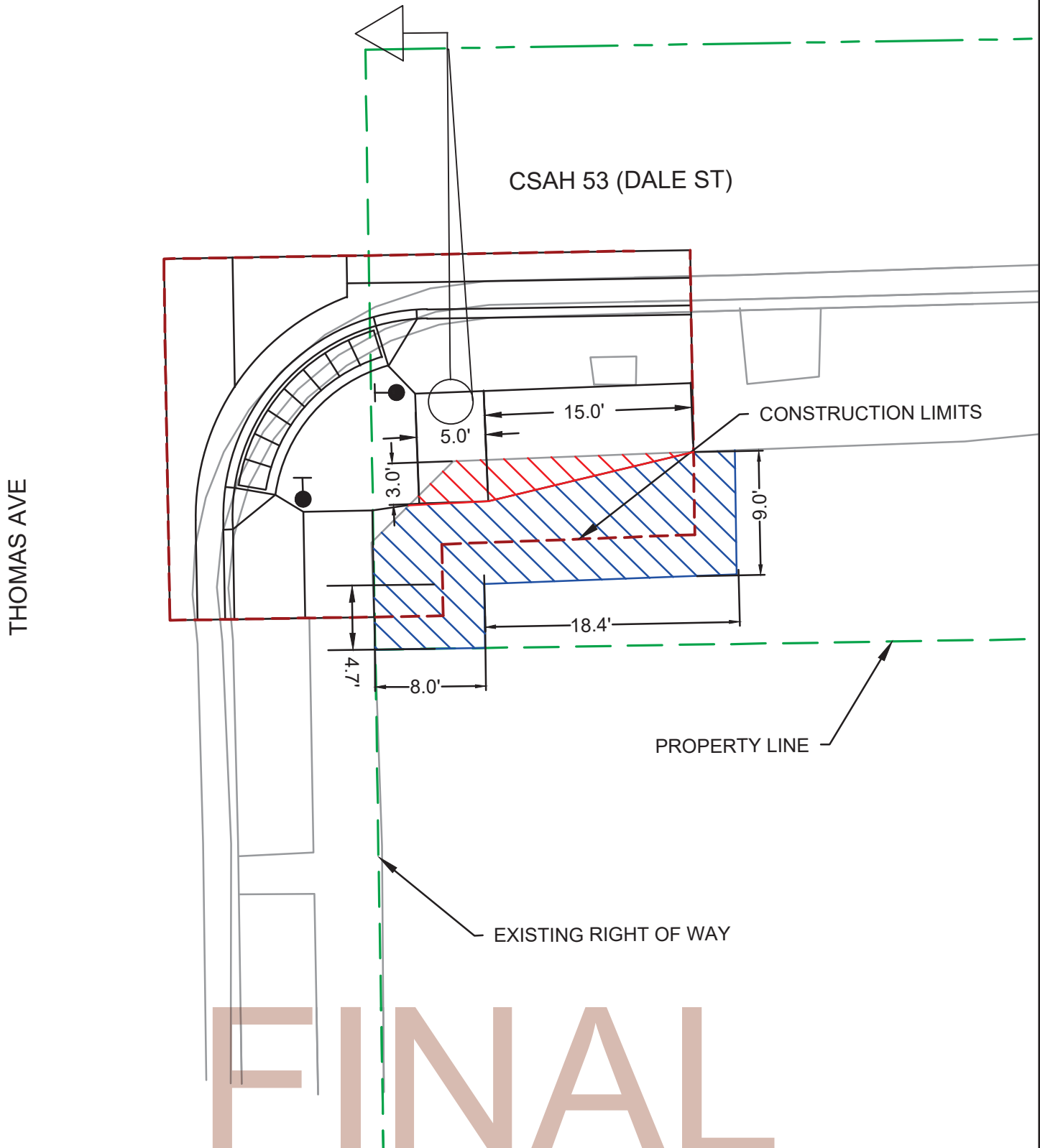
SHEET 1 OF 2



PERMANENT EASEMENT = 35 SQ FT



TEMPORARY EASEMENT = 215 SQ FT



PARCEL 55
602 DALE ST N
SAINT PAUL MN 55103
PID: 3629233220190

PARCEL SKETCH
02/02/2025

SHEET 2 OF 2