RAMSEY COUNTY COOPERATIVE AGREEMENT WITH THE CITY OF ST. PAUL FOR County Project No. P-3397 2025 Eustis Street Improvements

Total Project Cost: \$4,127,224.76

Ramsey County Cost: \$3,899,719.19

City of St. Paul Cost: \$53,619.21

Attachments:

Exhibit A - Project Location Map Exhibit B - Engineer's Estimate

Exhibit C - Storm Sewer Ownership Map

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 Eustis Street (County Road 127) from 107-feet South of the Lauderdale – St. Paul Border to Larpenteur Avenue ("Project Limits") and are shown on Exhibit A; and

WHEREAS, in the area affected by construction, Eustis Street is designated County Road 127 and is located in the City; and

WHEREAS, all or part of Eustis Street is in the City rights-of-way; and

WHEREAS, the City and County desire to resurface the portion of Eustis Street within the City of St. Paul that lies within the Project Limits ("Project") and this location is shown in Exhibit A – Project Location Map; and

WHEREAS, The Project is identified in Ramsey County's 2024-2028 Transportation Improvement Program for Roadway Construction Improvements; and

NOW, THEREFORE, BE IT MUTUALLY AGREED AS FOLLOWS:

- 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, specifications, and proposals for the Project, which will include, among other things, the proposed reconstruction, alignment, profiles, grades, cross sections, paving, concrete curb and gutter, storm sewer, storm water treatment, pedestrian curb ramps, sidewalk, turf establishment, traffic signals, accessible pedestrian signals, and utility replacement and adjustments.
- 1.3. Plans for the Project showing proposed construction will be presented to the City and will be on file at Ramsey County Public Works Department.
- 1.4. 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. Right-of-Way being acquired for the Project is detailed in County Agreement PUBW2024-19R.
 - 3. Procurement and Award of Contract
- 3.1. The County will take bids 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 award a contract to the lowest responsible bidder.
 - 4. Responsibility for Construction Engineering
- 4.1. The County shall perform or contract the performance of the construction engineering for all elements of the Project.
 - 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 2024 2028 Ramsey County Transportation Improvement Plan. If there is a conflict between the Cost Participation Policy and this Agreement, this Agreement shall prevail.

- 5.2. County and City will each be responsible for the total estimated cost of the construction pay items as shown in Exhibit B Engineer's Estimate. 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.
- 5.3. As Built, Mobilization, Combination Field Laboratory-Office, Traffic Control Supervisor, Traffic Control, Alternative Pedestrian Route, Stabilized Construction Exit, and Erosion Control Supervisor, as shown in Exhibit B Engineer's Estimate, are defined collectively as the "Prorated Items" The City percentage of the Prorated Items is calculated as follows:

City % Prorated Items =

(City Cost excluding the Prorated Items Cost)

(Total Project Cost excluding the Prorated Items Cost)

The costs in the Prorated Items calculation will be based on contract unit prices and quantities at the time of contract award. No adjustments in the percentages will be made if unit prices or quantities vary during construction.

- 5.4. Design Engineering Costs
 - 5.4.1. The City shall pay the County a design engineering fee equal to 12% of the City's share of the construction pay items identified in Exhibit B.
- 5.5. Construction Engineering Costs
 - 5.5.1. The City shall pay the County a construction engineering fee equal to 12% of the City's share of the construction pay items identified in Exhibit B.
 - 6. Payment Schedule
- 6.1. The County will invoice design engineering fees at the time of contract award.
- 6.2. The County will invoice construction engineering costs monthly and at the time of substantial Project completion, as determined by the County.
- 6.3. The County will invoice construction costs monthly and at the time of substantial Project completion, based on the payments made to the contractor.
- 6.4. Invoices must include documentation of the charges, fees, and costs as reasonably required by the other party.
- 6.5. Payment will be made within 35 days of receipt of an invoice.
 - 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, details maintenance responsibilities and costs on the County Road system in the City.
- 7.2. The following new components of the storm sewer system, as shown in Exhibit C Storm Sewer Ownership Map, will be owned and maintained by the City as detailed in the joint powers agreement.
 - 7.2.1. Storm Sewer Manhole # 5005
 - 8. The City grants the County temporary construction easements over all City owned right-of-way and property within the limits of the Project for use during construction at no cost to the County.
 - 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. This Agreement shall remain in full force and effect until terminated by mutual agreement of the parties.
 - 11. COUNTERPARTS: The parties may sign this Agreement in counterparts, each of which constitutes an original, but all of which together constitute one instrument.
- 11.1.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.

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

THE REMAINDER OF THIS PAGE IS INTENTIONALLY BLANK.

CITY OF ST. PAUL, MINNESOTA

| By: | Date: |
|---|-------|
| By: Director of Public Works | Date: |
| Approved by the Office of Financial Services: | |
| Ву: | |
| Approved as to Form: | |
| By: City Attorney | |

Date: ______ Ling Becker, County Manager Approval recommended: Date: ______ Date: ______ Date: _____

Approved as to form:

Assistant County Attorney

Date:_____





RAMSEY COUNTY, MINNESOTA EUSTIS STREET RECONSTRUCTION

COUNTY PROJECT NO. P-3397 CONSTRUCTION PLAN FOR GRADING, BITUMINOUS SURFACING, CONCRETE SURFACING, ADA IMPROVEMENTS, STORM SEWER IMPROVEMENTS, SIGNING & STRIPING, AND SIGNAL

> **EUSTIS STREET** 1484 FEET GROSS LENGTH MILES BRIDGES-LENGTH FEET MILES **EXCEPTIONS-LENGTH** FEET _ MILES 1484 0.281 NET LENGTH __ FEET



ADT (CURRENT YEAR) 2025 __3130 ADT (DESIGN YEAR) 2045 3600 DHV (DESIGN HR. VOL.) (DIRECTIONAL DISTR.) 59% (HEAVY COMMERICAL) 3.98% SOIL FACTOR R-VALUE TON DESIGN

ESALS DESIGN SPEED STOPPING SIGHT DISTANCE HEIGHT OF EYE HEIGHT OF OBJECT FUNCTIONAL CLASS LOCAL ROADWAY NO OF TRAFFIC LANES NO OF PARKING LANES SHOULDER WIDTH PROJECT LOCATION RAMSEY METRO

FOR PLANS AND UTILITIES SYMBOLS SEE TECHNICAL MANUAL STATE PROJ. NO. CHARGE IDENTIFIER **GOVERNING SPECIFICATIONS**

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN, ALL TRAFFIC CONTROL SIGNING AND DEVICES SHALL CONFORM TO THE MMUTCD INCLUDING THE "MINNESOTA TEMPORARY TRAFFIC CONTROL FIELD MANUAL".

SHEET INDEX

TITLE SHEET

GENERAL LAYOUT STATEMANT OF ESTIMATED QUANITIES CONSTRUCTION NOTES AND STANDARD DETAILS

TABULATIONS UTILITY TABULATIONS

EXISTING UTILITIES AND TOPOGRAPHY PLANS

12-17 TYPICAL SECTIONS

STANDARD PLAN STAGING & TRAFFIC CONTROL

42-47 ALIGNMENT PLAN AND TABULATION

49-51 REMOVAL PLANS

52-55 CONSTRUCTION PLAN AND PROFILE

INTERSECTION DETAILS

GRADING PLAN DRAINAGE PLAN AND PROFILE

DRAINAGE PROFILES DRAINAGE TABULATION DRAINAGE DETAILS 63

65-68

69-71

EROSION CONTROL PLANS 72-74

SIGNING AND PERMANENT PAVEMENT MARKING PLAN SIGNING AND PERMANENT PAVEMENT MARKING DETAIL

SIGNAL SYSTEM PLANS

CROSS SECTIONS

THIS PLAN CONTAINS 98 SHEETS



Exhibit A - Project Location Map

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PRINT NAME: ____ LICENSE #

SIGNATURE:

PLAN REVISIONS DATE APPROVED

UTILITY INFORMATION SHOWN ON THIS

OF UNDERGROUND UTILITIES SHOWN IN

PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE EXACT LOCATION

THIS PLAN SET ARE UNKNOWN. THE CONTRACTOR SHALL CONTACT GOPHER

STATE ONE PRIOR TO STARTING ANY

SYSTEM: 1-800-252-1166

EXCAVATION. GOPHER STATE ONE CALL

THE SUBSURFACE UTILITY INFORMATION IN THIS

QUALITY LEVEL WAS DETERMINED ACCORDING TO

PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY

THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE DATA COLLECTION AND DEPICTION OF EXISTING

P-3397

| | P-3397 Eustis St Improvem |) | | | 100% Ram | 0.7887 | 75% Ramsey Cou | 0.1577 unty - 25% City of | 50% Ramsey Co | 0.0147 unty - 50% City of | 0.0144 100% City of St. Paul | | 4 0.0244 100% St. Paul Regional Water Services | | |
|----------------------------------|--|---|--------------------------------|---|--|-----------------------------|--|---------------------------------|-----------------------------|---------------------------------|---------------------------------|---------------------------------|---|--------------------|---|
| ITEM | Engineer's Estimate | 1 | TOTAL ESTIMATED | 2/19/2024 | | ESTIMATED | | Laud | | Lauderdale | | | | Sen ESTIMATED | |
| NUMBER 2011.601 2021.501 | ITEM (County % / City %) AS BUILT MOBILIZATION | LUMP SUM | QUANTITY 1.00 | UNIT PRICE (2024) \$10,000.00 | \$10,000.00 | QUANTITY 0.7887 | \$7,887.01 | ESTIMATED QUANTITY 0.1577 | \$1,577.05 | ESTIMATED QUANTITY 0.0147 | \$147,36 | ESTIMATED QUANTITY 0.0144 | \$144.29 | QUANTITY 0.0244 | \$244.29 |
| 2031.502 2101.502 2101.502 | COMBINATION FIELD LABORATORY-OFFICE CLEARING GRUBBING | EACH EACH | 1.00 | \$26,000.00 \$300.00 \$200.00 | \$26,000.00 \$600.00 \$400.00 | 0.7887 2.00 2.00 | \$20,506.23 \$600.00 \$400.00 | 0.1577 | \$4,100.33 | 0.0147 | \$383.13 | 0.0144 | \$375.16 | 0.0244 | \$635.14 |
| 2104.502 2104.502 | REMOVE CONCRETE HEADWALL REMOVE UTILITY VAULT | EACH EACH | 7 7 | \$2,500.00 \$1,100.00 | \$5,000.00 \$7,700.00 | 2 7 7 | \$5,000.00 \$7,700.00 | | | | | | | | |
| 2104.502 2104.502 | REMOVE MANHOLE OR CATCH BASIN REMOVE SIGN TYPE SPECIAL | EACH EACH | 17 2 | \$700.00 \$35.00 \$40.00 | \$4,900.00 \$595.00 \$80.00 | 17 2 | \$4,900.00 \$595.00 \$80.00 | | | | | | | | |
| 2104.502 2104.503 | REMOVE SIGNAL SYSTEM A SALVAGE SIGN SAWING CONCRETE PAVEMENT (FULL DEPTH) | EACH EACH LIN FT | 1 7 3100 | \$15,000.00 \$50.00 \$6.00 | \$15,000.00 \$350.00 \$18,600.00 | 7 3,060 | \$15,000.00 \$350.00 \$18,360.00 | | | | | 40 | \$240.00 | | |
| 2104.503 | SAWING BITUMINOUS PAVEMENT (FULL DEPTH) REMOVE SEWER PIPE (STORM) REMOVE CARB & GUTTER | LIN FT LIN FT | 455 370 408 | \$3.25 \$22.35 \$6.00 | \$1,478.75 \$8,269.50 \$2,448.00 | 415 365 408 | \$1,348.75 \$8,157.75 \$2,448.00 | | | | | 40 5 | \$130.00 \$111.75 | | |
| 2104.503 | REMOVE BTUMINOUS CURB REMOVE CONCRETE CURB REMOVE FINCE | LIN FT LIN FT LIN FT | 919 175 48 | \$4.75 \$6.00 \$12.00 | \$4,365.25 \$1,050.00 \$576.00 | 707 175 48 | \$3,358.25 \$1,050.00 \$576.00 | | | | | 212 | \$1,007.00 | | |
| 2104.504 2104.504 | REMOVE CONCRETE WALK REMOVE CONCRETE PAVEMENT REMOVE CONCRETE PRIVEWAY PAVEMENT | SQ YD SQ YD SQ YD | 295 689 120 | \$12.00 \$16.00 \$16.00 | \$3,540.00 \$11,024.00 \$1,920.00 | 295 689 70 | \$3,540.00 \$11,024.00 \$1,120.00 | | | | | 50 | \$800.00 | | |
| 2104.504 2104.504 | REMOVE BITUMINOUS DRIVEWAY PAVEMENT REMOVE BITUMINOUS DRIVEWAY PAVEMENT REMOVE BITUMINOUS PAVEMENT REMOVE BITUMINOUS PAVEMENT REMOVE BITUMINOUS WAIK | SO YD SO YD SO FT | 686 1532 1263 | \$12.00 \$7.00 \$11.00 | \$8,232.00 \$10,724.00 \$13,893.00 | 686 1,532 1,263 | \$8,232.00 \$10,724.00 \$13,893.00 | | | | | 30 | 3000.00 | | |
| 2105.507 2105.507 | EXCAVATION - COMMON EXCAVATION - SUBGRADE | CU YD CU YD | 3971 133 | \$30.00 \$26.00 | \$119,130.00 \$3,458.00 | 3,971 133 | \$119,130.00 \$3,458.00 | | | | | | | | |
| 2106.507 2123.610 | SELECT GRANULAR EMBANKMENT (CV) COMMON EMBANKMENT (CV) TRACTOR MOUNTED BACKHOE | CU YD CU YD HOUR | 753 2339 25 | \$43.00 \$14.00 \$253.00 | \$32,379.00 \$32,746.00 \$6,325.00 | 753 2,339 25 | \$32,379.00 \$32,746.00 \$6,325.00 | | | | | | | | |
| 2130.523 2211.507 | AGGREGATE BASE (CV) CLASS 6 | HOUR M GALLON CU YD | 150 100 707 | \$140.00 \$65.00 \$70.00 | \$21,000.00 \$6,500.00 \$49,490.00 | 150 100 707 | \$21,000.00 \$6,500.00 \$49,490.00 | | | | | | | | |
| 2232.504 | MILL BITUMINOUS SURFACE (4.0") MILL CONCERETE SURFACE (1.0") DOWEL BAR | SQ YD SQ YD EACH | 3545 372 68 | \$2.50 \$15.00 \$17.00 | \$8,862.50 \$5,580.00 \$1,156.00 | 3,121 372 68 | \$7,802.50 \$5,580.00 \$1,156.00 | | | | | 424 | \$1,060.00 | | |
| 2301.504 2357.506 | CONCRETE PAVEMENT 8.0* BITUMINOUS MATERIAL FOR TACK COAT TYPE S 9.5 WEARING COURSE MIXTURE (2,B) | SQ YD GALLON TON | 185 679 28 | \$133.00 \$3.00 \$110.00 | \$24,605.00 \$2,037.00 \$3,080.00 | 185 657 28 | \$24,605.00 \$1,971.00 \$3,080.00 | | | | | 22 | \$66.00 | | |
| 2360.509 2360.509 2360.509 | TYPE SP 9.3 WEARING COURSE MIXTURE (2,B) TYPE SP 9.5 WEARING COURSE MIXTURE (2,B) TYPE SP 9.5 WEARING COURSE MIXTURE (4,F) TYPE SP 12.5 KON WEAR COURSE MIXTURE (4,F) TYPE SP 12.5 KON WEAR COURSE MIXTURE (4,F) | TON | 48 1057 | \$110.00 \$120.00 \$140.00 | \$5,280.00 \$126,840.00 | 48 1,009 486 | \$5,280.00 \$121,080.00 | | | | | 48 | \$5,760.00 | | |
| 2360.509 2360.509 2451.507 | TYPE SP 12.5 NON WEAR COURSE MIXTURE (4,8) COARSE FILTER AGGREGATE (CV) | TON TON CU YD | 486 149 580 | \$120.00 \$64.00 | \$68,040.00 \$17,880.00 \$37,120.00 | 486 101 580 | \$68,040.00 \$12,120.00 \$37,120.00 | | | | | 48 | \$5,760.00 | | |
| 2451.609 2501.502 2501.502 | GRANULAR BACKFILL 15° RC PIPE APRON 18° RC PIPE APRON | TON EACH EACH | 557 1 2 | \$30.00 \$1,250.00 \$1,500.00 | \$16,710.00 \$1,250.00 \$3,000.00 | 1 2 | \$1,250.00 \$3,000.00 | | | | | | | 557 | \$16,710.00 |
| 2501.502 2502.503 | 15° RC SAFETY APRON 4° PERP PE PIE DRAIN 6° PVC PIPE SEWER | EACH LIN FT LIN FT | 1 1500 133 | \$1,800.00 \$12.00 \$80.00 | \$1,800.00 \$18,000.00 \$10,640.00 | 1 1,500 133 | \$1,800.00 \$18,000.00 \$10,640.00 | | | | | | | | |
| 2503.503 2503.503 | 15" RC PIPE SEWER DESIGN 3006 CLASS V 18" RC PIPE SEWER DESIGN 3006 CLASS V | LIN FT LIN FT | 216 45 | \$90.00 \$95.00 | \$19,440.00 \$4,275.00 | 216 45 | \$19,440.00 \$4,275.00 | | | | | | | | |
| 2503.503 2503.503 | 24" RC PIPE SEWER DESIGN 3006 CLASS IV 36" RC PIPE SEWER DESIGN 3006 CLASS III 46" RC PIPE SEWER DESIGN 3006 CLASS III | LIN FT LIN FT LIN FT | 673 308 1086 | \$120.00 \$210.00 \$400.00 | \$80,760.00 \$64,680.00 \$434,400.00 | 668 308 1,076 | \$80,160.00 \$64,680.00 \$430,400.00 | | | | | 10 | \$600.00 | | |
| 2504.602 | 48° PIEP PLUG CONNECT TO EXISTING STORM SEWER ADJUST GATE VALIVE & BOX | EACH EACH | 6 9 9 | \$850.00 \$2,060.00 \$800.00 | \$5,100.00 \$18,540.00 \$7,200.00 | 6 8 9 | \$5,100.00 \$16,480.00 \$7,200.00 | | | | | 1 | \$2,060.00 | | |
| 2504.602 2504.602 2504.602 | CURB BOX ADJUST CURB BOX WATER UTILITY HOLE | EACH EACH | 2 5 7 | \$1,000.00 \$300.00 \$2,500.00 | \$2,000.00 \$1,500.00 \$17,500.00 | | | | | | | | | 2 5 7 | \$2,000.00 \$1,500.00 \$17,500.00 |
| 2504.602 | REPAIR VALVE BOX ADJUST VALVE BOX VALVE BOX | EACH EACH | 3 15 2 | \$1,000.00 \$300.00 \$2,500.00 | \$3,000.00 \$4,500.00 \$5,000.00 | | | | | | | | | 3 15 2 | \$3,000.00 \$4,500.00 \$5,000.00 |
| 2504.602 2504.603 | EXCAVATION FOR WATER MAIN OFFSET WATER MAIN TREMOH TWO-INCH INSULATION | EACH LIN FT SO YD | 1 160 7.10 | \$6,000.00 \$55.00 \$30.00 | \$6,000.00 \$8,800.00 \$213.00 | | | | | | | | | 1 160 7.10 | \$6,000.00 \$8,800.00 \$213.00 |
| 2506.502 | CONSTRUCT DRAININGE STRUCTURE DESIGN) CASTING ASSEMBLY CONSTRUCT DRAININGE STRUCTURE DESIGN I | EACH EACH LIN FT | 6 31 55.80 | \$5,000.00 \$1,230.00 \$905.00 | \$30,000.00 \$38,130.00 \$50,499.00 | 6 31 | \$30,000.00 \$38,130.00 \$50,499.00 | | | | | | | 7.10 | 2213.00 |
| 2506.503 2506.503 | CONSTRUCT DRAINAGE STRUCTURE DESIGN N CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 1 | LIN FT LIN FT | 18.20 10.90 | \$605.00 \$1,940.00 | \$11,011.00 \$21,146.00 | 55.80 18.20 10.90 | \$11,011.00 \$21,146.00 | | | | | | | | |
| 2506.503 2506.503 | CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 2 CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020 CONSTRUCT DRAINAGE STRUCTURE DESIGN 60-4020 | LIN FT LIN FT LIN FT | 7.00 60.00 49.30 | \$12,800.00 \$905.00 \$1,150.00 | \$89,600.00 \$54,300.00 \$56,695.00 | 7.00 60.00 49.30 | \$89,600.00 \$54,300.00 \$56,695.00 | | | | | | | | |
| | CONSTRUCT DRAINAGE STRUCTURE DESIGN 84-4020 ADJUST FRAME AND RING CASTING CASTING ASSEMBLY SPECIAL | LIN FT EACH EACH | 10.30 10 1 | \$1,915.00 \$965.00 \$300.00 | \$19,724.50 \$9,650.00 \$300.00 | 10.30 10 | \$19,724.50 \$9,650.00 | | | | | | | 1.00 | \$300.00 |
| 2521.518 2521.518 2521.518 | 4" CONCRETE WALK (EXISTING) 4" CONCRETE WALK (NEW) 6" CONCRETE WALK (EXISTING) | SQ FT SQ FT SQ FT | 856 3654 2051 | \$9.00 \$9.00 \$21.00 | \$7,704.00 \$32,886.00 \$43,071.00 | 856 2,051 | \$7,704.00 \$43,071.00 | | | 3624 | \$32,616.00 | 30 | \$270.00 | | |
| 2521.602 | 6" CONCRETE WALK (NEW) DRILL AND GROUT REINF BARS (EPOXY COATED) CONCRETE CURB AND GUTTER DESIGN 8624 | SQ FT EACH LIN FT | 329 92 2423 | \$21.00 \$22.00 \$49.00 | \$6,909.00 \$2,024.00 \$118,727.00 | 92 2,211 | \$2,024.00 \$108,339.00 | | | 329 | \$6,909.00 | 212 | \$10,388.00 | | |
| 2531.503 2531.504 | CONCRETE CURB AND GUTTER DESIGN B1024 8" CONCRETE DRIVEWAY PAVEMENT CONCRETE CURB DESIGN SPECIAL | LIN FT SQ YD LIN FT | 621 427 15 | \$60.00 \$129.00 \$30.00 | \$37,260.00 \$55,083.00 \$450.00 | 621 377 15 | \$37,260.00 \$48,633.00 \$450.00 | | | | | 50 | \$6,450.00 | | |
| 2531.604 | CONCRETE CURB DESIGN V 8" CONCRETE VALLEY GUTTER TRUNCATED DOMES | LIN FT SQ YD SQ FT | 15 29 146 | \$48.00 \$129.00 \$77.00 | \$720.00 \$3,741.00 \$11,242.00 | 15 29 146 | \$720.00 \$3,741.00 \$11,242.00 | | | | | | | | |
| 2545.602 2563.601 | ADJUST HANDHOLE TRAFFIC CONTROL SUPERVISOR | EACH LUMP SUM | 6 1.00 | \$1,000.00 \$9,000.00 | \$6,000.00 \$9,000.00 | 6 0.7887 | \$6,000.00 \$7,098.31 | 0.1577 | \$1,419.34 | 0.0147 | \$132.62 | 0.0144 | \$129.86 | 0.0244 | \$219.86 |
| 2563.601 | TRAFFIC CONTROL ALTERNATIVE PEDESTRIAN ROUTE INSTALL SIGN | LUMP SUM EACH | 1.00 1.00 7 50.30 | \$3,000.00 \$3,000.00 \$320.00 | \$3,000.00 \$3,000.00 \$2,240.00 | 0.7887 0.7887 7 50 | \$2,366.10 \$2,240.00 | 0.1577 | \$473.11 | 0.0147 | \$515.76 \$44.21 | 0.0144 | \$43.29 | 0.0244 | \$73.29 |
| 2564.618 2565.501 | SIGN SIGN PANEL SPECIAL EMERGENCY VEHICLE PREEMPTION SYSTEM A | SQ FT SQ FT LUMP SUM | 3.00 1 | \$85.00 \$75.00 \$8,000.00 | \$4,275.50 \$225.00 \$8,000.00 | 3 | \$4,275.50 \$225.00 | 1.00 | \$8,000.00 | | | | | | |
| 2565.516 2572.503 | TRAFFIC CONTROL SIGNAL SYSTEM A TEMPORARY SIGNAL SYSTEM CLEAN ROOT CUITING | SYSTEM SYSTEM LIN FT | 1 1 200 | \$400,000.00 \$15,000.00 \$9.00 | \$400,000.00 \$15,000.00 \$1,800.00 | 200 | \$1,800.00 | 1.00 | \$400,000.00 \$15,000.00 | | | | | | |
| 2573.501 2573.502 | STABILIZED CONSTRUCTION EXIT EROSION CONTROL SUPERVISOR STORM DRAIN INLET PROTECTION | LUMP SUM LUMP SUM EACH | 1.00 1.00 38 | \$2,800.00 \$3,900.00 \$220.00 | \$2,800.00 \$3,900.00 \$8,360.00 | 0.7887 0.7887 38 | \$2,208.36 \$3,075.93 \$8,360.00 | 0.1577 0.1577 | \$441.57 \$615.05 | 0.0147 0.0147 | \$41.26 \$57.47 | 0.0144 0.0144 | \$40.40 \$56.27 | 0.0244 0.0244 | \$68.40 \$95.27 |
| 2573.503 2573.503 2573.503 | SILT FENCE, TYPE MS FILTER BERM TYPE S SEDIMENT CONTROL LOG TYPE COMPOST | LIN FT LIN FT | 840 100 875 | \$6.75 \$20.00 \$5.60 | \$5,670.00 \$2,000.00 \$4,900.00 | 840 100 875 | \$5,670.00 \$2,000.00 \$4,900.00 | | | | | | | | |
| | BOULEVARD TOPSOIL BORROW FERTILIZER TYPE 3 SODDING TYPE SALT TOLERANT | CU YD POUND SQ YD | 649 135 735 | \$44.40 \$1.15 \$24.60 | \$28,815.60 \$155.25 \$18,081.00 | 649 135 735 | \$28,815.60 \$155.25 \$18,081.00 | | | | | | | | |
| 2575.504 2575.505 | SOUTHER SECTION TO CATEGORY 20 SECONS | SQ YD ACRE M GALLON | 3195 0.66 4.83 | \$4.00 \$1,125.00 \$445.00 | \$12,780.00 \$742.50 \$2,149.35 | 3,195 0.66 4.83 | \$12,780.00 \$742.50 \$2,149.35 | | | | | | | | |
| 2575.608 | RAPED STRUILIZATION METHOD 3 REPORT STRUILIZATION METHOD 3 4" DOTTED MULTI-COMPONENT (WR) 4" SOLID LINE MULTI-COMPONENT (WR) | POUND LIN FT | 106 90 | \$7.80 \$1.00 | \$826.80 \$90.00 \$13,600.00 | 90 2,720 | \$826.80 \$90.00 \$13,600.00 | | | | | | | | |
| 2582.503 2582.518 | 4" DOUBLE SOLID LINE MULTI-COMPONENT GROUND IN (WR) PAVEMENT MESSAGE PREFORM THERMOPLASTIC GROUND IN ENHANCED SKID RESISTANCE | LIN FT LIN FT SQ FT SQ FT | 2720 1327 45 234 | \$5.00 \$10.20 \$27.00 \$18.50 | \$13,535.40 \$1,215.00 | 1,327 45 | \$13,535.40 \$1,215.00 | | | | | | | | |
| 2582.518 | CROSSWALK PREFORM THERMOPLASTIC GROUND IN ENHANCED SKID RESISTENCE TOTALS | \$4,329.00 \$2,903,924.90 | | 234 \$4,329.00 \$2,290,329.22 | | \$457,963.11 | | \$42,791.95 | | \$41,901.74 | | \$70,938.82 | | | |
| | plus 3% (inflation) | | \$2,991,042.6 | | \$2,359,039.10 | | \$471,702.07 | | \$44,075.71 | | \$43,158.79 | | \$73,066.99 | | |
| | TOTAL Plus Construction Engineering (12%) | | \$3,349,967.76 \$358,925.12 | | \$2,642,123.79 \$283,084.69 | | \$528,306.32 \$56,604.25 | | \$49,364.79 \$5,289.08 | | \$48,337.84 \$5,179.05 | | \$74,528.33 \$8,768.04 | | |
| | Design Engineering (12%) TOTAL with all engineering costs | AL with all engineering costs \$3,700 mated Project Cost: seev County \$3,391 | | | | | | | \$584,910,57 | | \$54,653,88 | \$53,516,90 | | | \$83,296.36 |
| | Estimated Project Cost: Ramsey County | | | | | | | | \$ 438,682.93 | | \$ 27,326.94 | | | | |
| | Lauderdale St. Paul SPRWS | rderdale Paul | | | | | | | \$ 146,227,64 | | \$ 27,326,94 | | \$53,516.90 | | \$83,296.36 |
| | | | Total: | \$ | \$83,296,34 3,701,586,18 | | | | | | | | | | |







