

**RAMSEY COUNTY
COOPERATIVE AND MAINTENANCE AGREEMENT
WITH THE CITY OF SAINT PAUL FOR
Reconstruction of Lexington Parkway (County State Aid Highway 51)
between Shepard Road and Adrian Street
SP 062-651-067 and SAP 164-020-161**

Total Project Cost: \$5,307,066.00

Federal Funding \$2,535,420.00

City of St Paul Cost: \$2,771,646.00

Attachments:

A – Engineer's Estimate

B – Storm Sewer Ownership

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 Lexington Parkway between Albion Street and Adrian Street and pedestrian improvements on 7th Street West from Montreal Avenue to I-35E ("Project").

RECITALS

1. The Project is identified in Ramsey County's 2022 – 2026 Transportation Improvement Program.
2. Lexington Parkway, in the area affected by reconstruction, is designated County State Aid Highway (CSAH) 51.
3. The Project has been designated by the Minnesota Department of Transportation (MnDOT) as eligible for County State Aid Highway funds.
4. The Project has been identified in the 2022 Minnesota State Transportation Improvement Program as Sequence Number 1858 and is eligible for funds from the Highway Assistance Program through the Federal Highway Administration.
5. The Project has been designated as State Project SP 062-651-067 Minnesota Project Surface Transportation Program Metropolitan Planning Organization (Minn. Proj. STPF) 6222 (092)
6. The subject road segment is located within the City.
7. The joint powers agreement between the County and the City, County Resolution 93-643 and City Council Fil 93-1974, details maintenance responsibilities and costs for the specific County Road system in the City.

AGREEMENTS

1. Responsibility for Design Engineering

1.1. Plans, specifications, and proposals will be prepared in accordance with MnDOT 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, medians, storm sewer, storm water treatment and infiltration basins, pedestrian curb ramps, turf establishment, traffic signals, street lighting, 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 design of construction plans and specifications will be paid for by the City.

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 MnDOT State Aid standards.

2.2. The County will acquire the proposed easements and right of way in accordance with MnDOT State Aid requirements.

2.3. Elway Street will transfer jurisdiction from City to the County in a separate agreement.

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 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 County State Aid Highway, Federal Funds, Municipal State Aid Street 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 shall pay all construction administration engineering costs.

5. Project Costs

5.1. The County will fund the project with the Federal funds up to the amount of \$2,535,420. The City will fund the remaining construction project cost, design costs, and construction administration.

5.2. A list of the construction pay items and percentages of City funding responsibility as well as the total estimated City Project cost is attached as Exhibit A. Cost Participation Based on Engineer's Estimate). Quantities and unit prices in Exhibit A are estimates. Actual costs shall be based on the contract unit prices and the quantities constructed.

5.3. Mobilization, Field Office, Erosion Control Supervisor, Traffic Control, Erosion Control Items (such as Storm Drain Inlet Protection, Water, Street Sweeper) are defined collectively as the "Prorated Items". The City percentage of the Prorated Items is calculated as follows:

$$\text{City \% Prorated Items} = \frac{(\text{City Cost excluding the Prorated Items Cost})}{(\text{Total Project Cost excluding the Prorated Items Cost})}$$

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. The County will consult with the City on all change orders prior to any approvals.

5.5. Design Engineering Costs

5.5.1. The City shall pay the County all design engineering fees for the project.

5.6 Construction Engineering Costs

5.6.1 The City shall pay all construction administration engineering costs, subject to City approval unless modified by mutual agreement of the City and County.

5.6. The City will supply signal cabinet and emergency vehicle preemption equipment for the Shepard Road signal, which will be paid for under a separate force account agreement.

5.7. Right of Way Acquisition Costs

5.7.1. Right of way acquisition costs will be split between City and County according to previous agreement PUBW2021-12R.

6. Payment Schedule

6.1. Design engineering will be invoiced at the time of contract award.

6.2. The County will invoice the City for construction costs incurred on a monthly basis or as determined by the payment schedule for the contractor.

6.3. Construction engineering will be invoiced at the time of substantial project completion, as determined by the County.

6.4. Payment will be made within 30 days of receipt of an invoice.

7. Ownership and Maintenance Responsibility for Project Elements

7.1. Ownership and Maintenance Responsibility of the Roadway

7.1.1. The County will own and maintain the roadway and associated roadway elements located within the County Right of Way, except as detailed below.

7.2. Ownership and Maintenance Responsibility of the Storm Sewer

7.2.1. The County and City shall own and maintain their respective elements of the storm sewer system as identified in Attachment B and as follows.

7.2.2. The City shall own the following components of the storm sewer system:

- i. Existing trunk lines located within City and County right-of-way. Trunklines include manholes, sewer mainline piping
- ii. Existing trunk line outfalls
- iii. Surface drains and catch basins leads located outside of the County right-of-way

7.2.3. The County shall own the following components of the storm sewer system:

- iv. Catch basins
- v. Catch basin leads
- vi. Cross-culverts
- vii. Surface drains located within the County road right-of-way
- viii. Stormwater treatment BMP or SAFL Baffle manholes

7.2.4. The City and County shall each maintain the components of the storm sewer system under their respective ownership. See attachment B

7.2.5. The County or designated representative to forward sewer videos of all City storm mainline, all City sanitary mainline, modified and/or reconnected private sewer service laterals to the Sewer Utility for review. Private sewer service laterals to be fully opened and maintained by the respective property owners.

7.2.6. The County and City shall own and maintain their respective elements of the storm sewer system as identified in Attachment B and as follows. County or designated representative to take the lead in coordinating and performing comprehensive sewer structure inspections as soon as possible and well before final pavement wear course is placed. Sewer structure inspections to be attended by City, Contractor, and County representatives. Anticipate multiple on-site meetings to coincide with project construction staging. Comprehensive sewer structure inspections to be coordinated with PW-sewerDispatch@Ci.stpaul.mn.us and Aaron.Hass@ci.stpaul.mn.us

7.3. The City will own and maintain the sanitary sewer system.

7.4. The City will own and maintain the street lights and City parks department will own boulevard trees.

7.5. Ownership and Maintenance of the multiuse trail

7.5.1. The County will own the trail and be responsible for major maintenance and replacement at the end of its useful life. The County may enter into a reimbursable maintenance agreement with the City responsible for some or all of the following maintenance activities: minor patching, snow and ice control, sweeping, debris removal, and vegetation control. If there is no reimbursable maintenance agreement with the City, the County is responsible for all the maintenance activities. The County and the City will abide by the joint powers agreement, County Resolution 93-643 and City Council File 93-1974 or any subsequent maintenance agreement.

8. The City grants the County temporary construction permits 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.

9. The City and County shall be responsible for their own acts and omissions, and any and all liability, losses, costs, damages, expenses, claims, or actions (including attorney's fees), arising out of or by reason of any act or omission of their respective officials, agents, or employees, in the execution, performance, or failure to adequately perform obligations pursuant to this Agreement. Nothing in this Agreement shall constitute a waiver by the County or the City of any statutory or common law immunities, limits, or exceptions on liability.
10. This Agreement shall remain in full force and effect until terminated by mutual agreement of the parties.
11. The City of St. Paul reserves the right to reject any or all bids provided this agreement will be executed before bids are solicited. Upon completion of the Project, and further provided that Lexington Parkway between Albion Street and Adrian Street is turn backed to the County, an amendment to this agreement will be executed to reflect actual dollars spent.
12. Counterparts – The parties may sign this Agreement in counterparts, each of which constitutes an original, but all of which together constitute one instrument
13. Electronic Signatures - The parties agree that the electronic signature of a party to this Agreement be 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 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 ordinary course of business and an original written 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.

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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

Ryan T. O'Connor, County Manager

Date: _____

Approval recommended:

Brian Isaacson, Director
Public Works Department

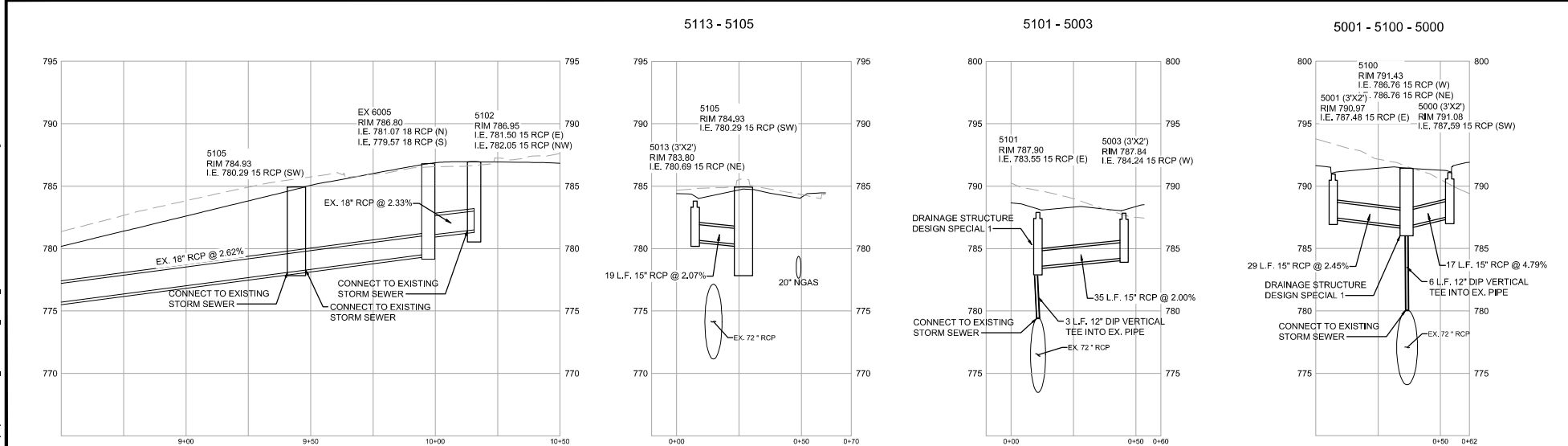
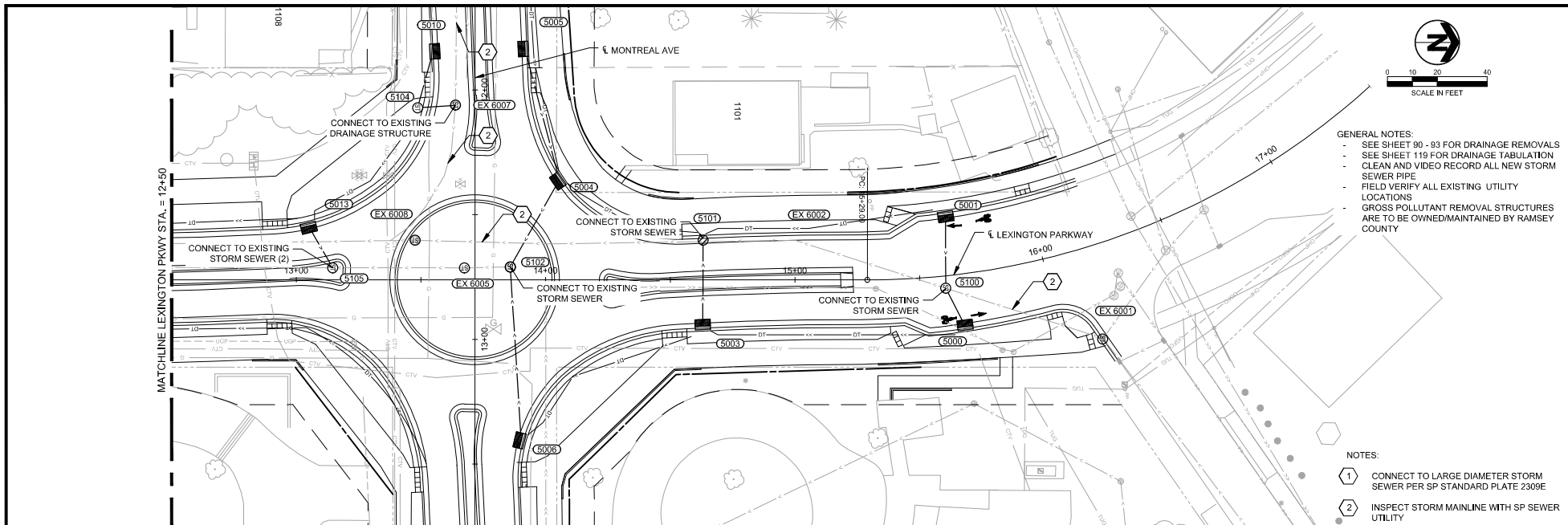
Approved as to form:

Assistant County Attorney

EXHIBIT A

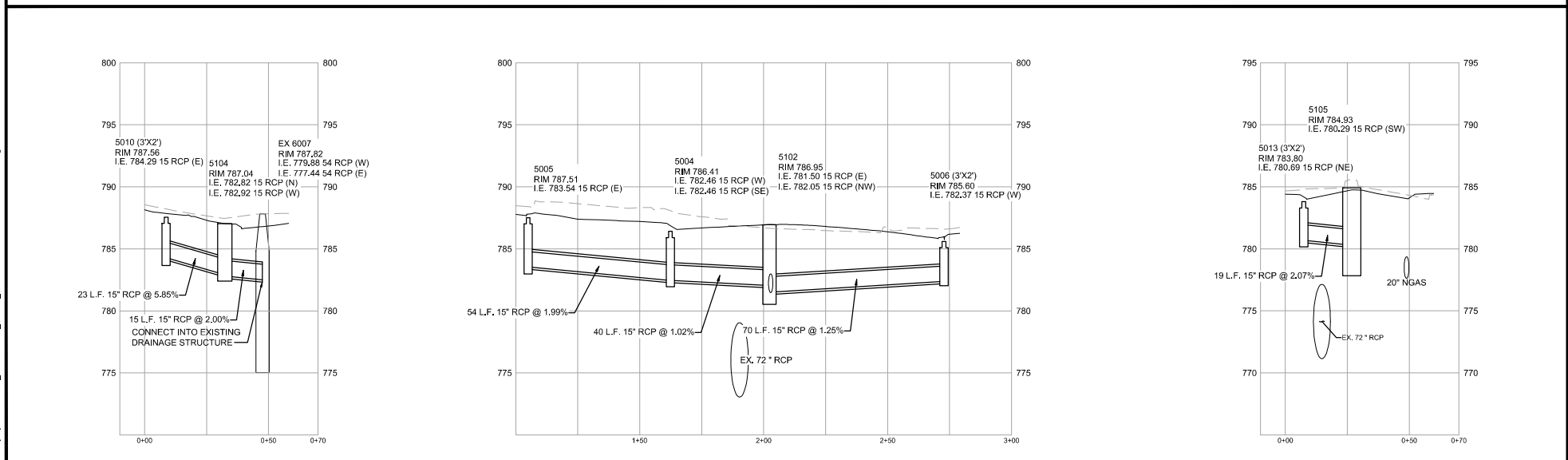
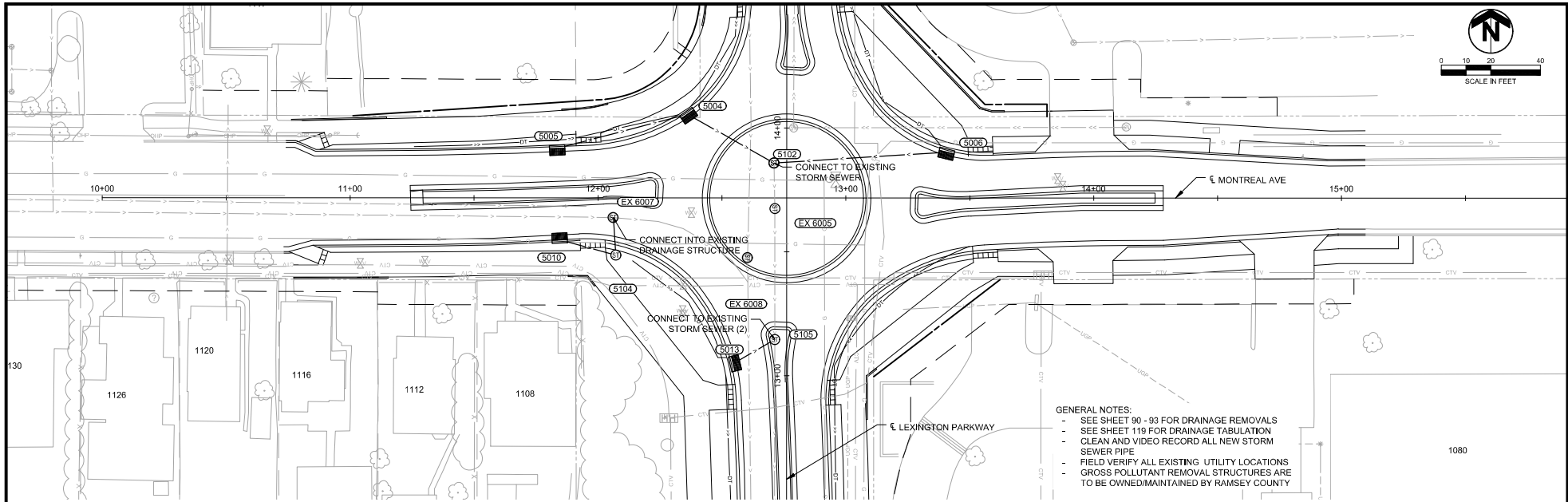
LEXINGTON PARKWAY SHEPARD ROAD TO ADRIAN STREET CONSTRUCTION COST ESTIMATE - VALLEY PAVING BID - APRIL 13, 2023																	
						PARTICIPATING							NON-PARTICIPATING				
				TOTAL PROJECT COST		FEDERAL FUNDING SP 062-651-067							WATER SYSTEM IMPROVEMENTS		STORM AND SANITARY IMPROVEMENTS		
ITEM NO.	ITEM	UNIT	UNIT PRICE	PROJECT TOTAL QUANTITY	COST	LEXINGTON PARKWAY ROADWAY SP 164-020-161	COST	LEXINGTON PARKWAY STORM SP 164-020-161	COST	LEXINGTON PARKWAY TRAIL 50/50 SP 062-651-067/ SP 164-020-161	COST	CITY OF SAINT PAUL SP 164-020-161	COST	SAINT PAUL REGIONAL WATER	COST	CITY OF SAINT PAUL SEWERS	COST
2021.501	MOBILIZATION	LUMP SUM	\$ 177,029.75	1	\$ 177,029.75	0.67	\$ 118,609.93	0.15	\$ 26,554.46	0.01	\$ 1,770.30	0.13	\$ 23,013.87	0.03	\$ 5,310.89	0.01	\$ 1,770.30
2031.502	COMBINATION FIELD LABORATORY-OFFICE	EACH	\$ 31,200.00	1	\$ 31,200.00	0.67	\$ 20,904.00	0.15	\$ 4,680.00	0.01	\$ 312.00	0.13	\$ 4,056.00	0.03	\$ 936.00	0.01	\$ 312.00
2041.610	TRAINEES	900	\$ 1.00	900	\$ 900.00	900	\$ 900.00		\$ -		\$ -		\$ -		\$ -		\$ -
2101.502	GRUBBING	EACH	\$ 340.00	23	\$ 7,820.00	21	\$ 7,140.00		\$ -		\$ -		\$ -	2	\$ 680.00		\$ -
2104.502	REMOVE LIGHTING UNIT	EACH	\$ 385.00	5	\$ 1,925.00	5	\$ 1,925.00		\$ -		\$ -		\$ -		\$ -		\$ -
2104.502	REMOVE MANHOLE OR CATCH BASIN	EACH	\$ 650.00	12	\$ 7,800.00	12	\$ 7,800.00		\$ -		\$ -		\$ -		\$ -		\$ -
2104.502	REMOVE CASTING	EACH	\$ 200.00	25	\$ 5,000.00	16	\$ 3,200.00		\$ -		\$ -		\$ -	1	\$ 200.00	8	\$ 1,600.00
2104.502	REMOVE HYDRANT	EACH	\$ 1,150.00	1	\$ 1,150.00		\$ -		\$ -		\$ -		\$ -	1	\$ 1,150.00		\$ -
2104.502	REMOVE SIGN TYPE C	EACH	\$ 42.00	37	\$ 1,554.00	37	\$ 1,554.00		\$ -		\$ -		\$ -		\$ -		\$ -
2104.502	REMOVE SIGNAL SYSTEM A	EACH	\$ 26,000.00	1	\$ 26,000.00	0.25	\$ 6,500.00		\$ -		\$ -	0.75	\$ 19,500.00		\$ -		\$ -
2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	\$ 6.00	489	\$ 2,934.00	489	\$ 2,934.00		\$ -		\$ -		\$ -		\$ -		\$ -
2104.503	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	\$ 2.00	1010	\$ 2,020.00	970	\$ 1,940.00		\$ -		\$ -		\$ -	40	\$ 80.00		\$ -
2104.503	REMOVE WATER MAIN	LIN FT	\$ 15.00	368	\$ 5,520.00		\$ -		\$ -		\$ -		\$ -	368	\$ 5,520.00		\$ -
2104.503	REMOVE SEWER PIPE (STORM)	LIN FT	\$ 17.00	427	\$ 7,259.00	427	\$ 7,259.00		\$ -		\$ -		\$ -		\$ -		\$ -
2104.503	REMOVE CURB & GUTTER	LIN FT	\$ 7.00	5732	\$ 40,124.00	5669	\$ 39,683.00		\$ -		\$ -		\$ -	63	\$ 441.00		\$ -
2104.503	REMOVE FENCE	LIN FT	\$ 8.00	299	\$ 2,392.00	249	\$ 1,992.00		\$ -		\$ -		\$ -	50	\$ 400.00		\$ -
2104.503	REMOVE GUARDRAIL	LIN FT	\$ 13.50	514	\$ 6,939.00	464	\$ 6,264.00		\$ -		\$ -		\$ -	50	\$ 675.00		\$ -
2104.504	REMOVE CONCRETE WALK	SQ YD	\$ 9.25	1306	\$ 12,080.50	1306	\$ 12,080.50		\$ -		\$ -		\$ -		\$ -		\$ -
2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	\$ 12.50	4812	\$ 60,150.00	4812	\$ 60,150.00		\$ -		\$ -		\$ -		\$ -		\$ -
2104.504	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$ 19.00	197	\$ 3,743.00	197	\$ 3,743.00		\$ -		\$ -		\$ -		\$ -		\$ -
2104.504	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	\$ 9.00	134	\$ 1,206.00	134	\$ 1,206.00		\$ -		\$ -		\$ -		\$ -		\$ -
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$ 7.50	3904	\$ 29,280.00	3836	\$ 28,770.00		\$ -		\$ -		\$ -	68	\$ 510.00		\$ -
2104.504	REMOVE PAVEMENT TYPE SPECIAL	SQ YD	\$ 22.50	962	\$ 21,645.00	962	\$ 21,645.00		\$ -		\$ -		\$ -		\$ -		\$ -
2104.518	REMOVE BITUMINOUS WALK	SQ FT	\$ 1.00	7309	\$ 7,309.00	7309	\$ 7,309.00		\$ -		\$ -		\$ -		\$ -		\$ -
2106.507	EXCAVATION - COMMON	CU YD	\$ 34.50	9363	\$ 323,023.50	9363	\$ 323,023.50		\$ -		\$ -		\$ -		\$ -		\$ -
2106.507	EXCAVATION - ROCK	CU YD	\$ 45.00	1226	\$ 55,170.00	1226	\$ 55,170.00		\$ -		\$ -		\$ -		\$ -		\$ -
2106.507	SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 28.25	3346	\$ 94,524.50	3346	\$ 94,524.50		\$ -		\$ -		\$ -		\$ -		\$ -
2106.507	COMMON EMBANKMENT (CV)	CU YD	\$ 14.00	1014	\$ 14,196.00	1014	\$ 14,196.00		\$ -		\$ -		\$ -		\$ -		\$ -
2106.607	EXCAVATION SPECIAL	CU YD	\$ 11.50	944	\$ 10,856.00	944	\$ 10,856.00		\$ -		\$ -		\$ -		\$ -		\$ -
2106.607	HAUL & DISPOSE OF CONTAMINATED MATERIAL	CU YD	\$ 53.00	944	\$ 50,032.00	944	\$ 50,032.00		\$ -		\$ -		\$ -		\$ -		\$ -
2123.610	TRACTOR MOUNTED BACKHOE	900	\$ 210.00	30	\$ 6,300.00	30	\$ 6,300.00		\$ -		\$ -		\$ -		\$ -		\$ -
2123.610	STREET SWEEPER (VACUUM PICKUP)	900	\$ 170.00	120	\$ 20,400.00	120	\$ 20,400.00		\$ -		\$ -		\$ -		\$ -		\$ -
2130.523	WATER	M GALLON	\$ 40.00	60	\$ 2,400.00	60	\$ 2,400.00		\$ -		\$ -		\$ -		\$ -		\$ -
2211.507	AGGREGATE BASE (CV) CLASS 6	CU YD	\$ 54.00	3199	\$ 172,746.00	3007	\$ 162,378.00		\$ -	96	\$ 5,184.00	96	\$ 5,184.00		\$ -		\$ -
2301.502	DOWEL BAR	EACH	\$ 12.50	1000	\$ 12,500.00	1000	\$ 12,500.00		\$ -		\$ -		\$ -		\$ -		\$ -
2301.504	CONCRETE PAVEMENT 8.0"	SQ YD	\$ 116.00	1603	\$ 185,948.00	1603	\$ 185,948.00		\$ -		\$ -		\$ -		\$ -		\$ -
2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	\$ 2.25	752	\$ 1,692.00	698	\$ 1,570.50		\$ -	24	\$ 54.00	24	\$ 54.00	6	\$ 13.50		\$ -
2360.509	TYPE SP 9.5 WEARING COURSE MIX (3;8)	TON	\$ 99.00	448	\$ 44,352.00	243	\$ 24,057.00		\$ -	102.5	\$ 10,147.50	102.5	\$ 10,147.50		\$ -		\$ -
2360.509	TYPE SP 9.5 WEARING COURSE MIX (4;F)	TON	\$ 117.00	778	\$ 91,026.00	778	\$ 91,026.00		\$ -		\$ -		\$ -		\$ -		\$ -
2360.509	TYPE SP 12.5 NON-WEARING COURSE MIX (4;8)	TON	\$ 89.00	1227	\$ 109,203.00	1227	\$ 109,203.00		\$ -		\$ -		\$ -		\$ -		\$ -
2360.509	TYPE SP 12.5 WEARING COURSE MIX (4;F)	TON	\$ 114.00	778	\$ 88,692.00	778	\$ 88,692.00		\$ -		\$ -		\$ -		\$ -		\$ -
2360.509	TYPE SP 12.5 BIT MIXTURE FOR PATCHING	TON	\$ 196.00	21	\$ 4,116.00		\$ -		\$ -		\$ -		\$ -	21	\$ 4,116.00		\$ -
2451.609	GRANULAR BACKFILL	TON	\$ 27.00	1000	\$ 27,000.00		\$ -		\$ -		\$ -		\$ -	1000	\$ 27,000.00		\$ -
2475.503	PIPE RAILING	LIN FT	\$ 174.00	133	\$ 23,142.00	133	\$ 23,142.00		\$ -		\$ -		\$ -		\$ -		\$ -
2502.503	6" PERF PVC PIPE DRAIN	LIN FT	\$ 15.00	2359	\$ 35,385.00		\$ -	2359	\$ 35,385.00		\$ -		\$ -		\$ -		\$ -
2503.503	12" DUCTILE IRON PIPE SEWER	LIN FT	\$ 195.00	13	\$ 2,535.00		\$ -	13	\$ 2,535.00		\$ -		\$ -		\$ -		\$ -
2503.503	15" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$ 98.00	477	\$ 46,746.00		\$ -	477	\$ 46,746.00		\$ -		\$ -		\$ -		\$ -
2503.503	18" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	\$ 92.00	84	\$ 7,728.00		\$ -	84	\$ 7,728.00		\$ -		\$ -		\$ -		\$ -
2503.503	24" RC PIPE SEWER DESIGN 3006 CLASS IV	LIN FT	\$ 133.00	24	\$ 3,192.00		\$ -	24	\$ 3,192.00		\$ -		\$ -		\$ -		\$ -

2531.503	CONCRETE CURB AND GUTTER DESIGN SPECIAL	LIN FT	\$ 38.00	573	\$ 21,774.00	573	\$ 21,774.00		\$ -		\$ -		\$ -		\$ -		\$ -
2531.503	CONCRETE CURB AND GUTTER DESIGN B412	LIN FT	\$ 21.00	1133	\$ 23,793.00	1133	\$ 23,793.00		\$ -		\$ -		\$ -		\$ -		\$ -
2531.503	CONCRETE CURB AND GUTTER DESIGN B612	LIN FT	\$ 33.00	246	\$ 8,118.00	246	\$ 8,118.00		\$ -		\$ -		\$ -		\$ -		\$ -
2531.503	CONCRETE CURB AND GUTTER DESIGN B624	LIN FT	\$ 26.00	1609	\$ 41,834.00	1546	\$ 40,196.00		\$ -		\$ -		\$ -	63	\$ 1,638.00		\$ -
2531.503	CONCRETE CURB AND GUTTER DESIGN B624 (MODIFIED)	LIN FT	\$ 39.00	2662	\$ 103,818.00	2662	\$ 103,818.00		\$ -		\$ -		\$ -		\$ -		\$ -
2531.504	8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$ 119.00	235	\$ 27,965.00	235	\$ 27,965.00		\$ -		\$ -		\$ -		\$ -		\$ -
2531.603	CONCRETE CURB DESIGN V	LIN FT	\$ 34.00	669	\$ 22,746.00	669	\$ 22,746.00		\$ -		\$ -		\$ -		\$ -		\$ -
2531.618	TRUNCATED DOMES	SQ FT	\$ 68.00	532	\$ 36,176.00	512	\$ 34,816.00	10	\$ 680.00	10	\$ 680.00		\$ -		\$ -		\$ -
2533.503	PORTABLE PRECAST CONCRETE BARRIER DESIGN 8337	LIN FT	\$ 15.00	1648	\$ 24,720.00	1648	\$ 24,720.00		\$ -		\$ -		\$ -		\$ -		\$ -
2545.502	LIGHTING UNIT TYPE SPECIAL 1	EACH	\$ 1,975.00	17	\$ 33,575.00		\$ -		\$ -	17	\$ 33,575.00		\$ -		\$ -		\$ -
2545.502	LUMINAIRE (LED) P30	EACH	\$ 1,650.00	17	\$ 28,050.00		\$ -		\$ -	17	\$ 28,050.00		\$ -		\$ -		\$ -
2545.502	LIGHT FOUNDATION DESIGN SPECIAL	EACH	\$ 1,350.00	17	\$ 22,950.00		\$ -		\$ -	17	\$ 22,950.00		\$ -		\$ -		\$ -
2545.503	UNDERGROUND WIRE 1/C 8 AWG	LIN FT	\$ 1.75	3007	\$ 5,262.25		\$ -		\$ -	3007	\$ 5,262.25		\$ -		\$ -		\$ -
2545.503	UNDERGROUND WIRE 3/C 6 AWG	LIN FT	\$ 2.15	9717	\$ 20,891.55		\$ -		\$ -	9717	\$ 20,891.55		\$ -		\$ -		\$ -
2550.502	HANDHOLE TYPE LD	EACH	\$ 1,500.00	3	\$ 4,500.00		\$ -		\$ -	3	\$ 4,500.00		\$ -		\$ -		\$ -
2554.502	ANCHORAGE ASSEMBLY - PLATE BEAM	EACH	\$ 2,600.00	1	\$ 2,600.00	1	\$ 2,600.00		\$ -		\$ -		\$ -		\$ -		\$ -
2554.502	END TREATMENT-TANGENT TERMINAL	EACH	\$ 4,800.00	5	\$ 24,000.00	5	\$ 24,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
2554.503	TRAFFIC BARRIER DESIGN B8338	LIN FT	\$ 44.00	130	\$ 5,720.00	130	\$ 5,720.00		\$ -		\$ -		\$ -		\$ -		\$ -
2554.615	IMPACT ATTENUATOR	ASSEMBLY	\$ 2,400.00	14	\$ 33,600.00	14	\$ 33,600.00		\$ -		\$ -		\$ -		\$ -		\$ -
2557.503	WIRE FENCE DESIGN SPECIAL VINYL COATED	LIN FT	\$ 50.00	300	\$ 15,000.00	300	\$ 15,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	\$ 5,200.00	1	\$ 5,200.00	0.67	\$ 3,484.00	0.15	\$ 780.00	0.01	\$ 52.00	0.13	\$ 676.00	0.03	\$ 156.00	0.01	\$ 52.00
2563.601	TRAFFIC CONTROL	LUMP SUM	\$ 21,000.00	1	\$ 21,000.00	0.67	\$ 14,070.00	0.15	\$ 3,150.00	0.01	\$ 210.00	0.13	\$ 2,730.00	0.03	\$ 630.00	0.01	\$ 210.00
2563.601	ALTERNATE PEDESTRIAN ROUTE	LUMP SUM	\$ 3,200.00	1	\$ 3,200.00	1	\$ 3,200.00		\$ -		\$ -		\$ -		\$ -		\$ -
2563.602	PORTABLE BARRIER DELINEATOR	EACH	\$ 7.30	68	\$ 496.40	68	\$ 496.40		\$ -		\$ -		\$ -		\$ -		\$ -
2563.602	TUBULAR MARKER	EACH	\$ 37.00	20	\$ 740.00	20	\$ 740.00		\$ -		\$ -		\$ -		\$ -		\$ -
2563.603	PEDESTRIAN CHANNELIZER	LIN FT	\$ 7.30	402	\$ 2,934.60	402	\$ 2,934.60		\$ -		\$ -		\$ -		\$ -		\$ -
2563.613	AUDIBLE MESSAGE DEVICE W PUSHBUTTON & LOCATOR TONE	UNIT DAY	\$ 2.10	600	\$ 1,260.00	600	\$ 1,260.00		\$ -		\$ -		\$ -		\$ -		\$ -
2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	\$ 84.00	56	\$ 4,704.00	56	\$ 4,704.00		\$ -		\$ -		\$ -		\$ -		\$ -
2564.502	OBJECT MARKER	EACH	\$ 105.00	15	\$ 1,575.00	15	\$ 1,575.00		\$ -		\$ -		\$ -		\$ -		\$ -
2564.518	SIGN PANELS TYPE C	SQ FT	\$ 52.00	251	\$ 13,052.00	251	\$ 13,052.00		\$ -		\$ -		\$ -		\$ -		\$ -
2564.518	SIGN PANELS TYPE D	SQ FT	\$ 104.00	38	\$ 3,952.00	38	\$ 3,952.00		\$ -		\$ -		\$ -		\$ -		\$ -
2564.618	SIGN TYPE SPECIAL	SQ FT	\$ 63.00	24	\$ 1,512.00	24	\$ 1,512.00		\$ -		\$ -		\$ -		\$ -		\$ -
2565.501	TRAFFIC CONTROL INTERCONNECT	LUMP SUM	\$ 34,000.00	1	\$ 34,000.00	0.25	\$ 8,500.00		\$ -	0.75	\$ 25,500.00		\$ -		\$ -		\$ -
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM A	SYSTEM	\$ 375,000.00	1	\$ 375,000.00	0.25	\$ 93,750.00		\$ -	0.75	\$ 281,250.00		\$ -		\$ -		\$ -
2565.603	1.5" NON-METALLIC CONDUIT	LIN FT	\$ 7.70	2775	\$ 21,367.50		\$ -		\$ -	2775	\$ 21,367.50		\$ -		\$ -		\$ -
2565.603	2" NON-METALLIC CONDUIT	LIN FT	\$ 9.20	232	\$ 2,134.40		\$ -		\$ -	232	\$ 2,134.40		\$ -		\$ -		\$ -
2565.616	TEMPORARY SIGNAL SYSTEM	SYSTEM	\$ 148,000.00	1	\$ 148,000.00	0.25	\$ 37,000.00		\$ -	0.75	\$ 111,000.00		\$ -		\$ -		\$ -
2571.502	DECIDUOUS TREE 2.5" CAL B&B	EACH	\$ 1,000.00	7	\$ 7,000.00	7	\$ 7,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
2572.503	TEMPORARY FENCE	LIN FT	\$ 2.75	2000	\$ 5,500.00	2000	\$ 5,500.00		\$ -		\$ -		\$ -		\$ -		\$ -
2572.503	CLEAN ROOT CUTTING	LIN FT	\$ 10.00	1000	\$ 10,000.00	1000	\$ 10,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUM	\$ 3,000.00	1	\$ 3,000.00	0.67	\$ 2,010.00	0.15	\$ 450.00	0.01	\$ 30.00	0.13	\$ 390.00	0.03	\$ 90.00	0.01	\$ 30.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	\$ 1,800.00	1	\$ 1,800.00	0.67	\$ 1,206.00	0.15	\$ 270.00	0.01	\$ 18.00	0.13	\$ 234.00	0.03	\$ 54.00	0.01	\$ 18.00
2573.502	STORM DRAIN INLET PROTECTION	EACH	\$ 170.00	59	\$ 10,030.00	59	\$ 10,030.00		\$ -		\$ -		\$ -		\$ -		\$ -
2573.503	SILT FENCE; TYPE MS	LIN FT	\$ 3.60	780	\$ 2,808.00	780	\$ 2,808.00		\$ -		\$ -		\$ -		\$ -		\$ -
2573.503	FILTER BERM TYPE 5	LIN FT	\$ 17.00	100	\$ 1,700.00	100	\$ 1,700.00		\$ -		\$ -		\$ -		\$ -		\$ -
2573.503	SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	\$ 5.50	606	\$ 3,333.00	606	\$ 3,333.00		\$ -		\$ -		\$ -		\$ -		\$ -
2573.601	STORMWATER MANAGEMENT	LUMP SUM	\$ 234,750.00	1	\$ 234,750.00		\$ -	1	\$ 234,750.00		\$ -		\$ -		\$ -		\$ -
2574.507	BOULEVARD TOPSOIL BORROW	CU YD	\$ 51.00	918	\$ 46,818.00	918	\$ 46,818.00		\$ -		\$ -		\$ -		\$ -		\$ -
2574.508	FERTILIZER TYPE 3	POUND	\$ 1.30	356	\$ 462.80	356	\$ 462.80		\$ -		\$ -		\$ -		\$ -		\$ -
2575.504	SODDING TYPE SALT TOLERANT	SQ YD	\$ 21.00	637	\$ 13,377.00	637	\$ 13,377.00		\$ -		\$ -		\$ -		\$ -		\$ -
2575.504	ROLLED EROSION PREVENTION CATEGORY 10	SQ YD	\$ 3.00	4885	\$ 14,655.00	4885	\$ 14,655.00		\$ -		\$ -		\$ -		\$ -		\$ -
2575.505	SEEDING	ACRE	\$ 1,200.00	1	\$ 1,212.00	1.01	\$ 1,212.00		\$ -		\$ -		\$ -		\$ -		\$ -
2575.508	SEED MIXTURE 25-131	POUND	\$ 7.50	233	\$ 1,747.50	233	\$ 1,747.50		\$ -		\$ -		\$ -		\$ -		\$ -
2575.523	RAPID STABILIZATION METHOD 3	MGAL	\$ 390.00	7	\$ 2,659.80	6.82	\$ 2,659.80		\$ -		\$ -		\$ -		\$ -		\$ -
2581.503	4" REMOVABLE PREFORMED PAVEMENT MARKING TAPE	LIN FT	\$ 1.35	2265	\$ 3,057.75	2265	\$ 3,057.75		\$ -		\$ -		\$ -		\$ -		\$ -
2581.503	6" REMOVABLE PREFORMED PAVEMENT MARKING TAPE	LIN FT	\$ 2.10	6606	\$ 13,872.60	6606	\$ 13,872.60		\$ -		\$ -		\$ -		\$ -		\$ -
2581.603	REMOVABLE PREFORMED PLASTIC MASK (BLACK)	LIN FT	\$ 2.40	8871	\$ 21,290.40	8871	\$ 21,290.40		\$ -		\$ -		\$ -		\$ -		\$ -
2581.618	REMOVABLE PREFORMED PLASTIC MASK (BLACK)	SQ FT	\$ 5.20	96	\$ 499.20	96	\$ 499.20		\$ -		\$ -		\$ -		\$ -		\$ -
2582.503	4" BROKEN LINE MULTI-COMPONENT	LIN FT	\$ 7.40	370	\$ 2,738.00	370	\$ 2,738.00		\$ -		\$ -		\$ -		\$ -		\$ -
2582.503	4" SOLID LINE MULTI-COMPONENT GROUND IN (WR)	LIN FT	\$ 4.50	2174	\$ 9,783.00	2174	\$ 9,783.00		\$ -		\$ -		\$ -		\$ -		\$ -
2582.503	24" SOLID LINE MULTI-COMPONENT GROUND IN (WR)	LIN FT	\$ 20.00	265	\$ 5,300.00	265	\$ 5,300.00		\$ -		\$ -		\$ -		\$ -		\$ -
2582.503	4" BROKEN LINE MULTI-COMPONENT GROUND IN (WR)	LIN FT	\$ 4.50	70	\$ 315.00	70	\$ 315.00		\$ -		\$ -		\$ -		\$ -		\$ -
2582.503	8" DOTTED LINE MULTI-COMPONENT GROUND IN (WR)	LIN FT	\$ 11.00	24	\$ 264.00	24	\$ 264.00		\$ -		\$ -		\$ -		\$ -		\$ -
2582.503	4" DOUBLE SOLID LINE MULTI-COMPONENT GROUND IN (WR)	LIN FT	\$ 9.00	1236	\$ 11,124.00	1236	\$ 11,124.00		\$ -		\$ -		\$ -		\$ -		\$ -
2582.518	PAVEMENT MESSAGE PREFORM THERMOPLASTIC GROUND IN ENHANCED SKID RESISTANCE	SQ FT	\$ 25.00	123	\$ 3,075.00	123	\$ 3,075.00		\$ -		\$ -		\$ -		\$ -		\$ -
2582.518	CROSSWALK PREFORM THERMOPLASTIC GROUND IN ENHANCED SKID RESISTANCE	SQ FT	\$ 13.20	1500	\$ 19,800.00	1500	\$ 19,800.00		\$ -		\$ -		\$ -		\$ -		\$ -
				TOTALS	\$ 4,220,220.00	\$	2,635,608.98	\$	747,790.46	\$	26,324.30	\$	631,012.57	\$	155,691.39	\$	23,792.30



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---				DRAWN		SPB											
---				CHECKED		KMP		SIGNATURE:  DATE: 05/23/2022 NAME: LARRY POPPLER LIC. NO.: 41005						S.P. 062-651-067 S.P. 164-020-161		SHEET NO. 116 OF 165 SHEETS	
NO. DATE BY DESCRIPTION OF REVISIONS																	

PLT DATE: Jun 02, 2022 4:38pm
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DESIGNED LPP DRAWN SPB CHECKED KMP				THEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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. SIGNATURE: <i>[Signature]</i> DATE: 05/23/2022 NAME: LARRY POPPLER LIC. NO.: 41005				444 Cedar Street, Suite 1500 Saint Paul, MN 55101 651.292.4400 tkda.com				LEXINGTON PARKWAY SHEPARD ROAD TO ADRIAN STREET S.P. 062-651-067 S.P. 164-020-161				DRAINAGE PLAN & PROFILE SHEET NO. 117 OF 165 SHEETS			
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