

**RAMSEY COUNTY  
COOPERATIVE AND MAINTENANCE AGREEMENT  
WITH THE CITY OF SAINT PAUL FOR  
Reconstruction of Lexington Parkway (County State Aid Highway 51)  
between Albion Street and Adrian Street  
S.A.P 062-651-054; SAP 164-010-077;  
SAP 164-020-153 S.P 6201-93 (TH 5 = 111)**

Total Project Cost: \$3,864,032.67

City of St Paul Cost: \$919,509.71

Attachments:

A – Engineer’s Estimate

B – Storm Sewer Ownership

This Cooperative and Maintenance Agreement (“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 7<sup>th</sup> Street West from Montreal Avenue to I-35E (“Project”).

**RECITALS**

1. The Project is identified in County’s 2019 – 2023 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 (Mn/DOT) as eligible for County State Aid Highway funds.
4. The Project received funding from Mn/DOT.
5. The Project has been designated as State Aid Project (S.A.P.) 062-651-054, SAP 164-010-077, SAP 164-020-153 and Mn/DOT Cooperative Agreement funding S.P 6201-93 (TH 5 = 111).
6. The Project 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 on the 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 County's 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 the County.

### **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 and will provide all acquisition documents to the City upon completion of the project. The County will file/record any needed right-of way documents.

### **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 to the City based on either a lowest responsible bid or a value based bid.

3.3. The County will request the City's concurrence to award a contract to the lowest responsible bidder. The County will consult with the City before bidding to determine whether a low bid or best value contract will be awarded.

3.4. The County will award a contract and pay the contractor from the Mn/DOT Cooperative Agreement funding, County State Aid Highway, Municipal State Aid Street and City 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 and installation for signals, accessible pedestrian signals, and lighting. City staff time will be provided to administer these tasks. If City determines that a Project element does not meet the Project specifications the County shall enforce the provisions.

4.2.1 The County will consult with City with regard to change orders and the use of any contingency funding.

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 approved in the 2019 – 2023 Ramsey County Transportation Improvement Plan. If there is a conflict between the Cost Participation Policy and this Agreement, this Agreement will prevail.

5.2. A list of the construction pay items and percentages of City funding responsibility as well as the City’s total estimated Project cost is attached hereto 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’s 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 City will supply signal cabinet and emergency vehicle preemption equipment which will be paid for under a separate force account agreement and in accordance with the existing agreement between the City and state. Traffic equipment/supply costs will also include overhead and staffing costs.

## 5.5. Design Engineering Fees

5.5.1. The City shall pay County a design engineering fee equal to a percentage of the identified project items as detailed in Exhibit A. However, for that portion of the Project related exclusively to reconstruction of Adrian Street, a design engineering fee equal to 12% of Exhibit A's reconstruction pay items shall be paid to County by the City.

5.5.2. Design engineering fees shall be calculated based on the quantities and unit prices at the time of contract award.

## 5.6. Right of Way Acquisition Costs

5.6.1. Right of way acquisition costs will be split between City and County according to previous agreement PUBW2019-05R.

## 5.7. Construction Engineering Fees

5.7.1. The City shall pay County a construction engineering fee equal to a percentage of the identified project items as detailed in Exhibit A, which is 12%.

5.7.2. The City shall pay County a construction administration engineering fee equal to 2% of its share of City inspected items identified in Exhibit A.

5.7.3. The City shall be credited a construction engineering fee equal to 10% of County's share of traffic signal legs (approaches) on Lexington Parkway at 7th Street as identified in Exhibit A.

5.7.4. Construction engineering fees shall be calculated based on the final contract quantities and unit prices

## 6. Payment Schedule

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

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

6.3. Construction engineering costs 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: Roadway

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

7.2. Ownership and Maintenance Responsibility: Storm Sewer

7.2.1. The County and City will own and maintain their respective elements of the storm sewer system in accordance with the City-County routine maintenance agreement individual National Pollutant Discharge Elimination System (NPDES) permits, and Watershed District Maintenance agreements. Additionally, this Agreement does not alleviate either Agency of their NPDES reporting and operational obligations. Storm sewer system elements are identified in Attachment B and as follows.

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

- i. Trunk line
- ii. Trunk line manholes, including manholes which connect catch basins and leads to the truck line
- iii. Surface drains located inside City right-of-way and associated leads
- iv. Trunk line outfalls

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

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

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

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

7.4. The City will own and maintain the street lights.

7.5. The City will own and maintain boulevard trees.

7.6. The City will own infrastructure installed with this project and maintain all roadway items (including pavement, curb and gutter, sewer infrastructure, signage, and striping) in the Adrian Street right of way per City policy.

7.7. The City will own and maintain the earthen retaining structure on Adrian Street.

- 7.8. The jurisdiction for Old Lexington will be transferred from the County to the City upon completion and filing of a turnback agreement. A mill and overlay will be completed by the County prior to turnback.
- 7.9. The jurisdiction for Elway Street will be transferred from City to County. The County will pay for the reconstruction of Elway Street.
- 7.10. Ownership and Maintenance of the Sidewalk
- 7.10.1 The County will own the sidewalk and be responsible for major maintenance and replacement at the end of its useful life. The City shall be responsible for all maintenance, including but not limited to patching, snow and ice control, debris removal, vegetation control, and settlement adjustments. Sidewalk maintenance will be accomplished in accordance with City policies and ordinances
8. The City, at no cost to County, grants temporary construction permits to County over all City owned rights-of-way and property within the limits of the Project for use during Project construction.
9. The City and County shall indemnify, defend, and hold each other harmless against any and all liability, losses, costs, damages, expenses, claims, or actions, including attorney's fees, which the indemnified party, its officials, agents, or employees may hereafter sustain, incur, or be required to pay, arising out of or by reason of any act or omission of the indemnifying party, its officials, agents, or employees, in the execution, performance, or failure to adequately perform the indemnifying party's obligation pursuant to this Agreement. Nothing in this Agreement shall constitute a waiver by County or 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. Counterparts – The parties may sign this Agreement in counterparts, each of which constitutes an original, but all of which together constitute one instrument
12. 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: \_\_\_\_\_  
Assistant 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

Engineer's Estimate

GROUP #	GROUP DESCRIPTIONS	GROUP PARTICIPANT	FUNDING SOURCES						
			MNDOT SP 6201-93	RAMSEY COUNTY SAP 062-651-054	SAINT PAUL SAP 164-010-077	SAINT PAUL SAP 164-020-153	ST. PAUL LOCAL	RAMSEY COUNTY LOCAL	ST. PAUL REGIONAL WATER
1	TH 5 SP 6201-93	STATE	\$ 311,000.00	\$ 92,615.04	\$ 104,728.41				
2		RAMSEY COUNTY		\$ 152,147.20					
3		CITY OF ST PAUL			\$ 34,643.45				
4	LEXINGTON PARKWAY CSAH 51 SAP 062-651-054	RAMSEY COUNTY ROADWAY		\$ 957,483.40					
5		RAMSEY COUNTY STORM SEWER		\$ 569,475.00					
6		50/50 ST. PAUL/RAMSEY COUNTY		\$ 44,882.25		\$ 44,882.25			
7		75/25 ST. PAUL/RAMSEY COUNTY		\$ 1,214.50		\$ 3,643.50			
8		OLD LEXINGTON	RAMSEY COUNTY						\$ 17,714.92
9	ADRIAN STREET	ST. PAUL					\$ 461,677.75		
10	WATER SYSTEMS IMPROVEMEMT	ST. PAUL REGIONAL WATER							\$ 293,722.30
11	SANITARY SEWER IMPROVEMENTS	ST. PAUL					\$ 121,230.70		
CONSTRUCTION TOTALS			\$ 311,000.00	\$ 1,817,817.39	\$ 139,371.86	\$ 48,525.75	\$ 582,908.45	\$ 17,714.92	\$ 293,722.30

GROUP #	GROUP DESCRIPTIONS	GROUP PARTICIPANT	FUNDING SOURCES						
			MNDOT SP 6201-93	RAMSEY COUNTY SAP 062-651-054	SAINT PAUL SAP 164-010-077	SAINT PAUL SAP 162-020- 153	ST. PAUL LOCAL	RAMSEY COUNTY LOCAL	ST. PAUL REGIONAL WATER
1	8% CONSTRUCTION ENGINEERING		\$ 25,000.00	\$ 7,409.20	\$ 8,378.27				
2	10% CREDIT TO ST. PAUL FOR LEXINGTON /7TH SIGNAL				\$ (13,793.40)				
3	8% DESIGN ENGINEERING			\$ 19,580.98	\$ 11,149.75				
3	2% CONSTRUCTION ENGINEERING FOR SIGNALS				\$ 121.87				
3	12% CONSTRUCTION ENGINEERING EXCLUDING SIGNALS				\$ 3,426.02				
4	12% DESIGN ENGINEERING			\$ 114,898.01					
4	12% CONSTRUCTION ENGINEERING			\$ 114,898.01					
5	12% DESIGN ENGINEERING			\$ 68,337.00					
5	12% CONSTRUCTION ENGINEERING			\$ 68,337.00					
6	12% DESIGN ENGINEERING			\$ 5,385.87		\$ 5,385.87			
6	12% CONSTRUCTION ENGINEERING			\$ 5,385.87		\$ 5,385.87			
7	12% DESIGN ENGINEERING			\$ 145.74		\$ 437.22			
7	12% CONSTRUCTION ENGINEERING			\$ 145.74		\$ 437.22			
8	12% DESIGN ENGINEERING							\$ 2,125.79	
8	12% CONSTRUCTION ENGINEERING							\$ 2,125.79	
9	12% DESIGN ENGINEERING						\$ 55,401.33		
9	12% CONSTRUCTION ENGINEERING						\$ 55,401.33		
10	12% DESIGN ENGINEERING								\$ 35,246.68
10	12% CONSTRUCTION ENGINEERING								\$ 35,246.68
11	7% DESIGN ENGINEERING						\$ 8,486.15		
11	7% CONSTRUCTION ENGINEERING						\$ 8,486.15		
FEE AND CREDIT TOTALS			\$ 25,000.00	\$ 404,523.42	\$ 9,282.51	\$ 11,646.18	\$ 127,774.96	\$ 4,251.58	\$ 70,493.35

TOTAL PROJECT COST			\$ 336,000.00	\$ 2,222,340.81	\$ 148,654.37	\$ 60,171.93	\$ 710,683.41	\$ 21,966.50	\$ 364,215.65
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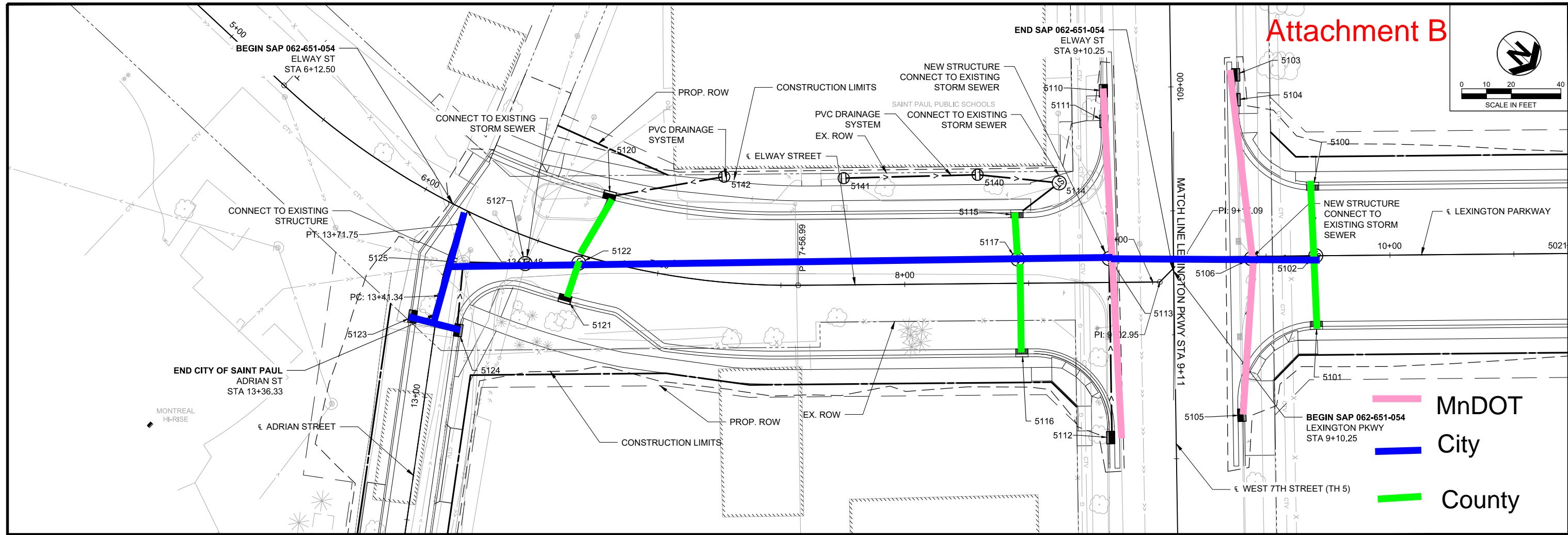
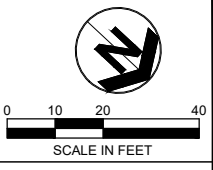




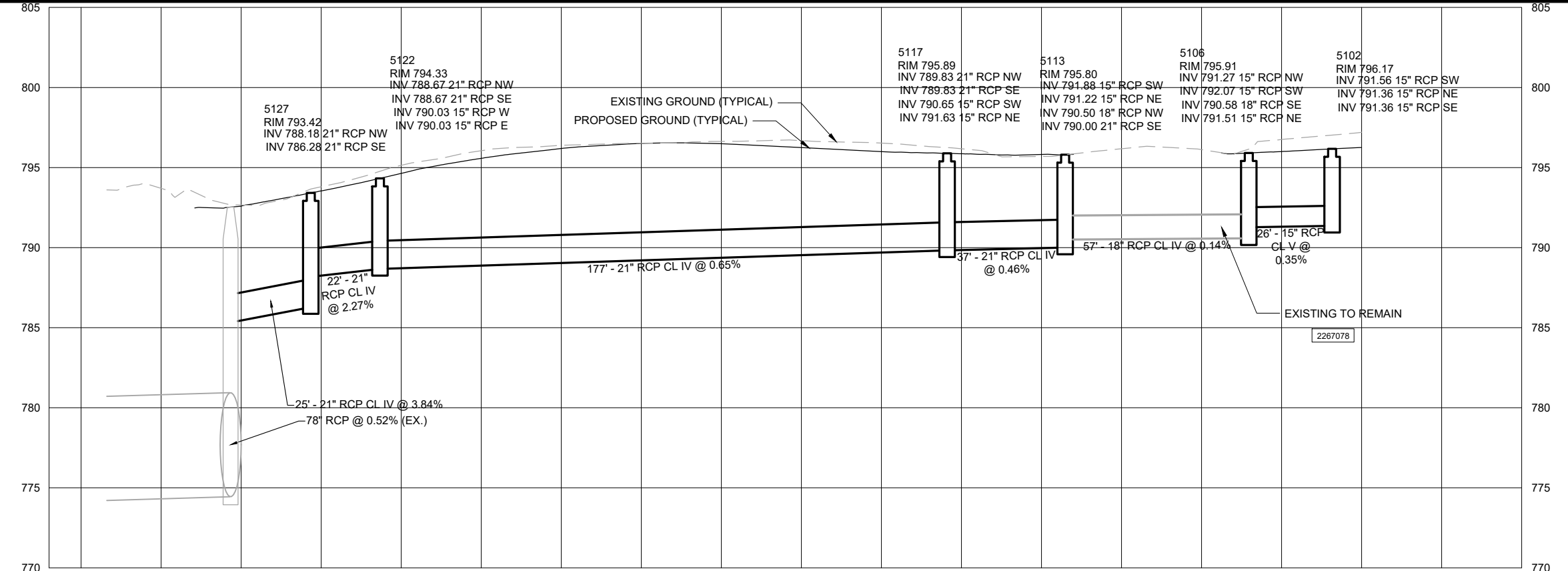
2563.601	TRAFFIC CONTROL	LUMP SUM	\$ 30,000.00	1	\$ 30,000.00	0.16	\$ 4,800.00	0.05	\$ 1,500.00	0.01	\$ 300.00	0.3	\$ 9,000.00	0.18	\$ 5,400.00	0.03	\$ 900.00					0.14	\$ 4,200.00	0.09	\$ 2,700.00	0.04	\$ 1,200.00
2563.601	AUDIBLE MESSAGE DEVICE W PUSHBUTTON & LOCATOR TONE	UNIT DAY	\$ 2.00	600	\$ 1,200.00	600	\$ 1,200.00																				
2563.602	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	\$ 100.00	28	\$ 2,800.00									28	\$ 2,800.00												
2564.502	OBJECT MARKER TYPE X4-4	EACH	\$ 250.00	1	\$ 250.00							1	\$ 250.00														
2564.502	OBJECT MARKER TYPE X4-5	EACH	\$ 200.00	5	\$ 1,000.00							5	\$ 1,000.00														
2564.502	OBJECT MARKER TYPE X4-11	EACH	\$ 200.00	6	\$ 1,200.00							6	\$ 1,200.00														
2564.518	SIGN PANELS TYPE C	SQ FT	\$ 55.00	166.7	\$ 9,168.50	14.4	\$ 792.00					105.8	\$ 5,819.00									46.5	\$ 2,557.50				
2564.618	SIGN PANELS TYPE SPECIAL	SQ FT	\$ 80.00	26	\$ 2,080.00																	26	\$ 2,080.00				
2565.501	TRAFFIC CONTROL INTERCONNECT	LUMP SUM	\$ 17,258.90	1	\$ 17,258.90	1	\$ 17,258.90																				
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM B	SYSTEM	\$ 275,868.00	1	\$ 275,868.00	0.5	\$ 137,934.00	0.5	\$ 137,934.00																		
2565.603	1.5" NON-METALLIC CONDUIT	LIN FT	\$ 3.45	2641	\$ 9,111.45																	2641	\$ 9,111.45				
2565.516	REVISE SIGNAL SYSTEM A	SYSTEM	\$ 24,373.00	1	\$ 24,373.00	0.75	\$ 18,279.75			0.25	\$ 6,093.25																
2565.616	REVISE SIGNAL SYSTEM D	SYSTEM	\$ 31,025.00	1	\$ 31,025.00	1	\$ 31,025.00																				
2571.524	DECIDUOUS TREE 2.5" CAL B&B	TREE	\$ 683.00	15	\$ 10,245.00							15	\$ 10,245.00														
2572.503	TEMPORARY FENCE	LIN FT	\$ 5.00	1800	\$ 9,000.00									1500	\$ 7,500.00							300	\$ 1,500.00				
2572.503	CLEAN ROOT CUTTING	LIN FT	\$ 5.00	1100	\$ 5,500.00									1000	\$ 5,000.00							100	\$ 500.00				
2573.501	STORM DRAIN INLET PROTECTION	EACH	\$ 350.00	68	\$ 23,800.00	15	\$ 5,250.00					46	\$ 16,100.00									7	\$ 2,450.00				
2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUM	\$ 10,000.00	1	\$ 10,000.00	0.16	\$ 1,600.00	0.05	\$ 500.00	0.01	\$ 100.00	0.3	\$ 3,000.00	0.18	\$ 1,800.00	0.03	\$ 300.00					0.14	\$ 1,400.00	0.09	\$ 900.00	0.04	\$ 400.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	\$ 5,000.00	1	\$ 5,000.00	0.16	\$ 800.00	0.05	\$ 250.00	0.01	\$ 50.00	0.3	\$ 1,500.00	0.18	\$ 900.00	0.03	\$ 150.00					0.14	\$ 700.00	0.09	\$ 450.00	0.04	\$ 200.00
2573.503	SILT FENCE; TYPE MS	LIN FT	\$ 1.80	1533	\$ 2,759.40							1143	\$ 2,057.40									390	\$ 702.00				
2573.503	SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	\$ 2.30	1328	\$ 3,054.40	584	\$ 1,343.20					375	\$ 862.50									369	\$ 848.70				
2574.507	COMMON TOPSOIL BORROW	CU YD	\$ 10.00	1090	\$ 10,900.00	151	\$ 1,510.00					805	\$ 8,050.00														
2574.508	FERTILIZER TYPE 3	POUND	\$ 0.65	269	\$ 174.85	27	\$ 17.55					196	\$ 127.40									46	\$ 29.90				
2575.504	SODDING TYPE SALT TOLERANT	SQ YD	\$ 5.60	3127	\$ 17,511.20	580	\$ 3,248.00					2396	\$ 13,417.60									7	\$ 39.20			144	\$ 806.40
2575.505	SEEDING	ACRE	\$ 625.00	0.73	\$ 456.25	0.07	\$ 43.75					0.53	\$ 331.25									0.13	\$ 81.25				
2575.509	SEED MIXTURE 25-131	POUND	\$ 3.25	173	\$ 562.25	18	\$ 58.50					125	\$ 406.25									30	\$ 97.50				
2575.508	MULCH MATERIAL TYPE 1	TON	\$ 1,950.00	1.46	\$ 2,847.00	0.14	\$ 273.00					1.06	\$ 2,067.00									0.26	\$ 507.00				
2575.604	ROLLED EROSION PREVENTION CATEGORY 10	SQ YD	\$ 1.10	3323	\$ 3,655.30	582	\$ 640.20					2416	\$ 2,657.60									325	\$ 357.50				
2581.503	REMOVABLE PREFORMED PAVEMENT MARKING TAPE	LIN FT	\$ 1.25	1760	\$ 2,200.00	1760	\$ 2,200.00																				
2581.603	REMOVABLE PREFORMED PLASTIC MASK (BLACK)	LIN FT	\$ 2.20	2350	\$ 5,170.00	2350	\$ 5,170.00																				
2582.503	4" SOLID LINE MULTI-COMPONENT GROUND IN (WR)	LIN FT	\$ 1.50	3349	\$ 5,023.50	481	\$ 721.50					2738	\$ 4,107.00									130	\$ 195.00				
2582.503	12" SOLID LINE MULTI-COMPONENT GROUND IN (WR)	LIN FT	\$ 14.00	68	\$ 952.00							68	\$ 952.00														
2582.503	4" BROKEN LINE MULTI-COMPONENT GROUND IN (WR)	LIN FT	\$ 1.50	1501	\$ 2,251.50	349	\$ 523.50					792	\$ 1,188.00									360	\$ 540.00				
2582.503	4" DOTTED LINE MULTI-COMPONENT GROUND IN (WR)	LIN FT	\$ 1.50	421	\$ 631.50							421	\$ 631.50														
2582.503	4" DOUBLE SOLID LINE MULTI-COMPONENT GROUND IN (WR)	LIN FT	\$ 3.00	1773	\$ 5,319.00	321	\$ 963.00					1271	\$ 3,813.00									181	\$ 543.00				
2582.518	PAVEMENT MESSAGE PREFORM THERMOPLASTIC GROUND IN CONTRAST	SQ FT	\$ 23.00	297	\$ 6,831.00	17	\$ 391.00					245	\$ 5,635.00			35	\$ 805.00										
2582.518	CROSSWALK PREFORM THERMOPLASTIC ENHANCED SKID RESISTANCE GROUND IN	SQ FT	\$ 11.80	2275	\$ 26,845.00	955	\$ 11,269.00					1080	\$ 12,744.00									240	\$ 2,832.00				
<b>Total</b>					\$ 3,211,060.67		\$ 508,343.45		\$ 152,147.20		\$ 34,643.45		\$ 957,483.40		\$ 569,475.00		\$ 89,764.50		\$ 4,858.00		\$ 17,714.92		\$ 461,677.75		\$ 293,722.30		\$ 121,230.70

EXHIBIT B

Sewer Exhibit



GENERAL NOTES:  
1. CLEAN AND VIDEO RECORD ALL NEW STORM SEWER PIPE.



PLOT DATE: Mar 31, 2020 - 10:16pm  
FILENAME: K:\n-z\ramsey\city\16868000\04\_production\01\_CADD\02\_sheets\111\_DRAINAGE PLAN AND PROFILE ELWAY STREET.dwg

NO.	DATE	BY	DESCRIPTION OF REVISIONS

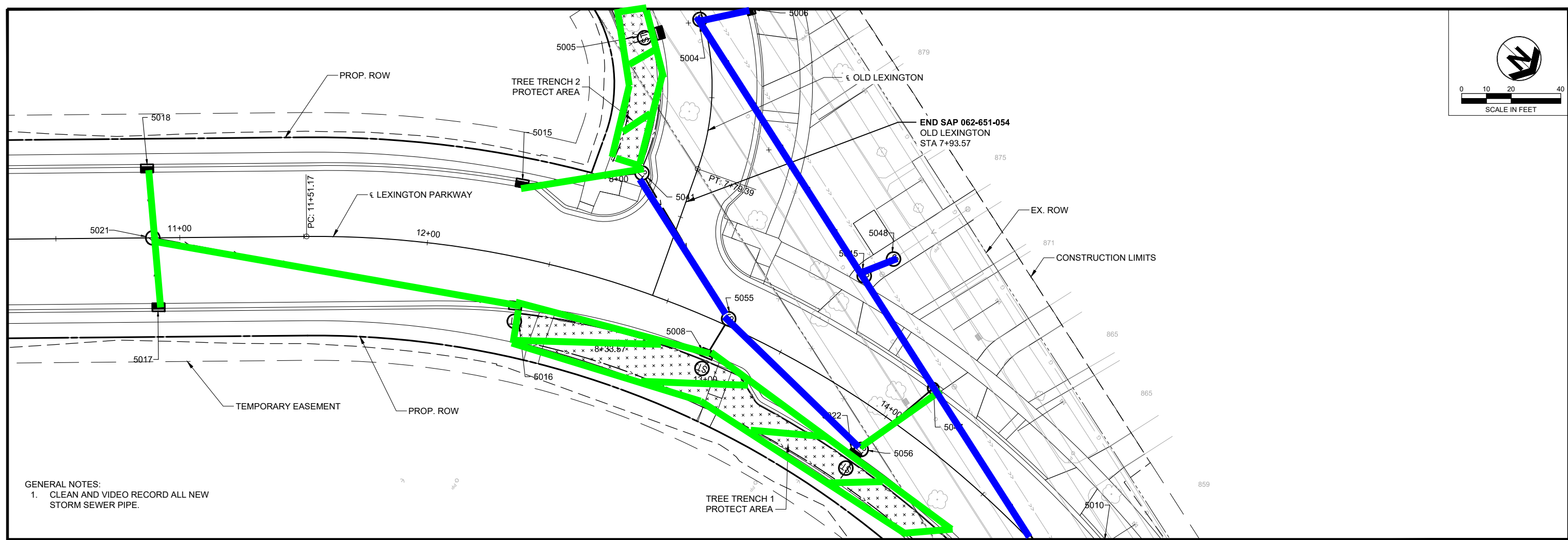
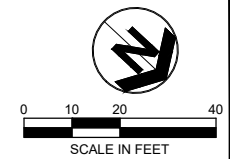
DESIGNED	KMP	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
DRAWN	SJF	
CHECKED	LPP	
SIGNATURE: <i>[Signature]</i>		DATE: 04/10/2020
NAME: LARRY P. POPPLER		LIC. NO.: 41005

444 Cedar Street, Suite 1500  
Saint Paul, MN 55101  
651.292.4400  
tkda.com

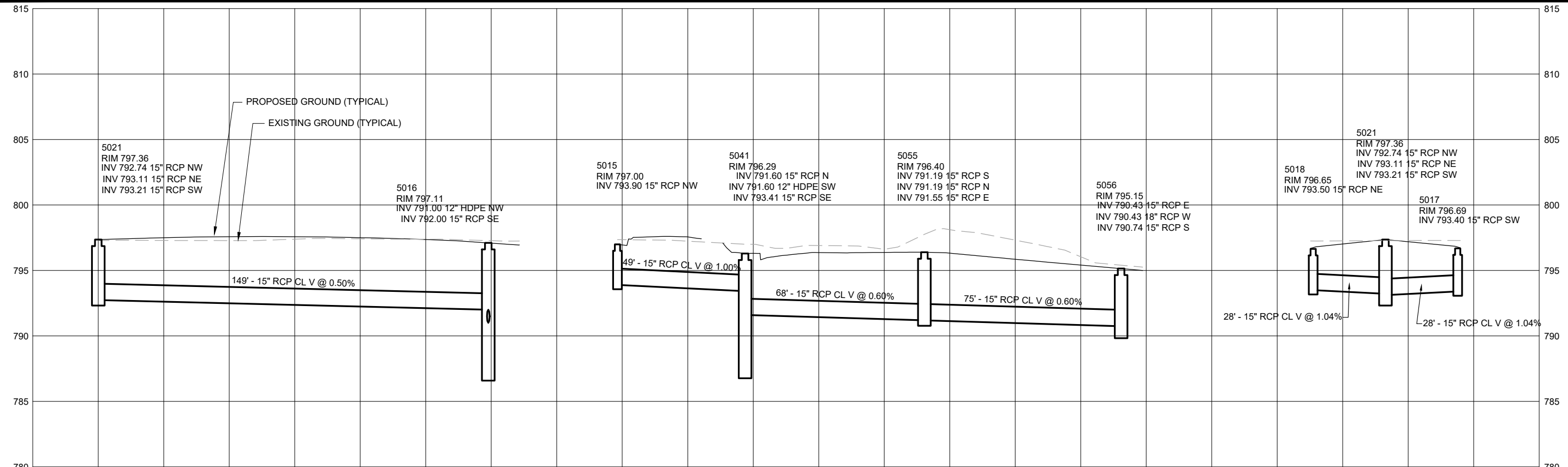
**LEXINGTON PARKWAY REALIGNMENT**  
S.P. 6201-93 (TH 5), S.A.P. 062-651-054  
S.A.P. 164-010-077, S.A.P. 164-020-153

**DRAINAGE PLAN AND PROFILE ELWAY STREET**  
SHEET NO. 111 OF 186 SHEETS





GENERAL NOTES:  
 1. CLEAN AND VIDEO RECORD ALL NEW STORM SEWER PIPE.



PLOT DATE: Mar 31, 2020 - 10:18pm  
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NO.	DATE	BY	DESCRIPTION OF REVISIONS

DESIGNED: KMP  
 DRAWN: SJF  
 CHECKED: LPP

I HEREBY 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: *[Signature]* DATE: 04/10/2020  
 NAME: LARRY P. POPPLER LIC. NO.: 41005

**TKDA**

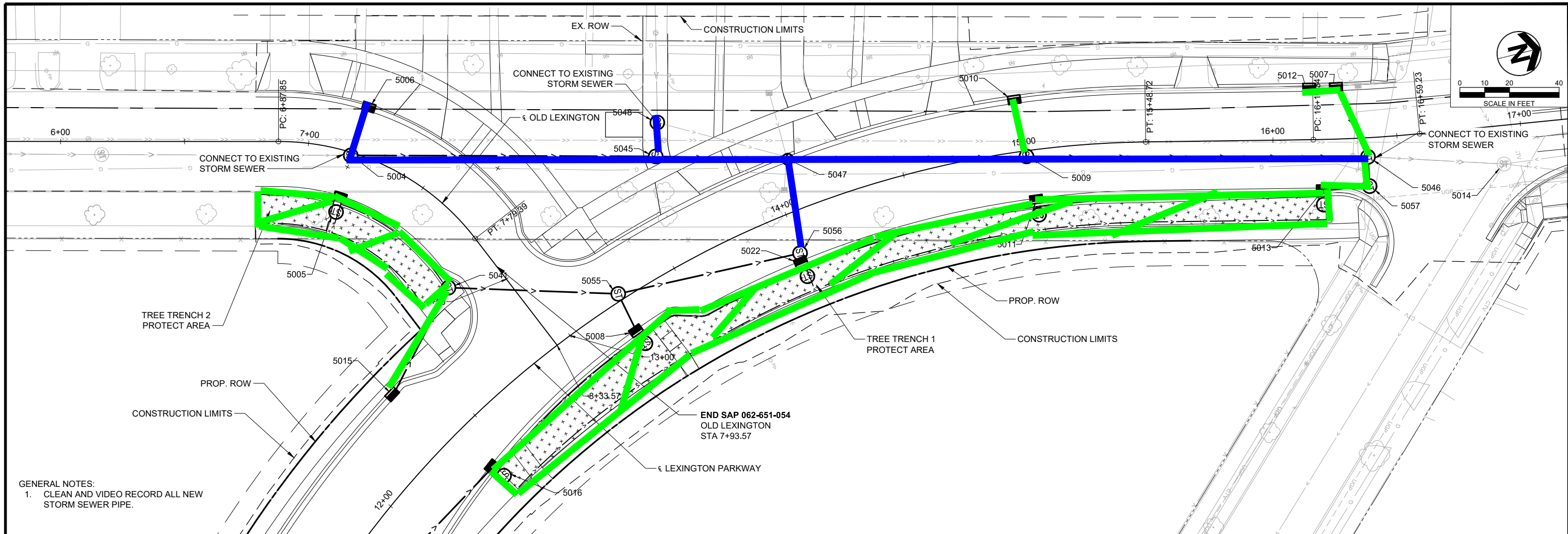
444 Cedar Street, Suite 1500  
 Saint Paul, MN 55101  
 651.292.4400  
 tkda.com

**LEXINGTON PARKWAY REALIGNMENT**

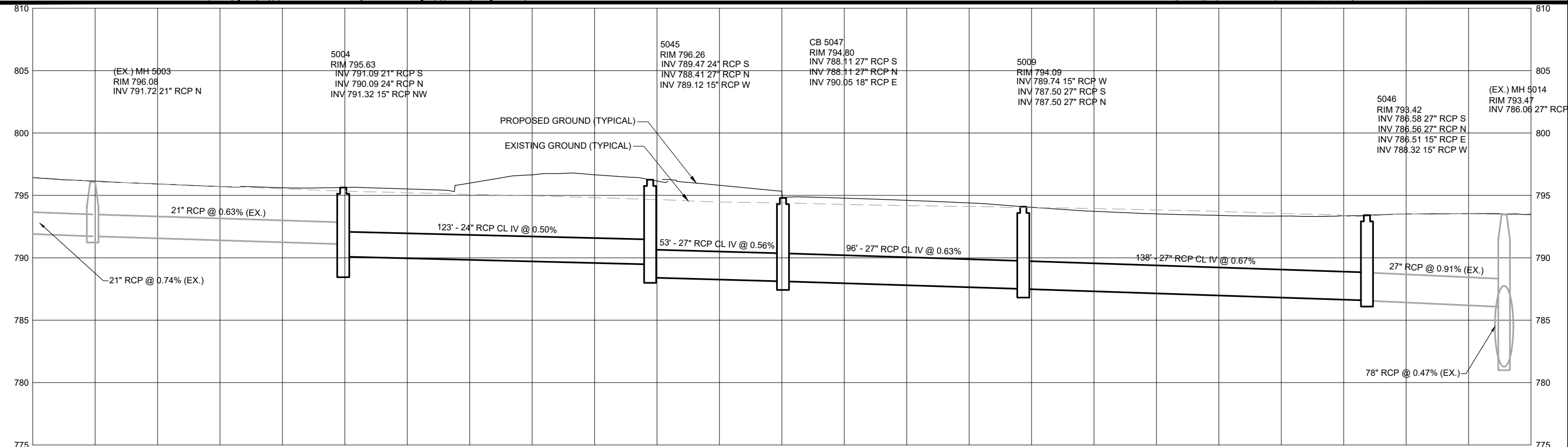
S.P. 6201-93 (TH 5), S.A.P. 062-651-054  
 S.A.P. 164-010-077, S.A.P. 164-020-153

**DRAINAGE PLAN AND PROFILE  
 LEXINGTON PARKWAY**

SHEET NO. 112 OF 186 SHEETS



GENERAL NOTES:  
 1. CLEAN AND VIDEO RECORD ALL NEW STORM SEWER PIPE.



PLOT DATE: Mar 31, 2020 - 10:20pm  
 FILENAME: K:\n-z\ramseydy\16868000\04\_production\01\_CADD\02\_sheets\113\_DRAINAGE PLAN AND PROFILE OLD LEXINGTON.dwg

NO.	DATE	BY	DESCRIPTION OF REVISIONS

DESIGNED: KMP  
 DRAWN: SJF  
 CHECKED: LPP

I HEREBY 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: *[Signature]* DATE: 04/10/2020  
 NAME: LARRY P. POPPLER LIC. NO.: 41005

444 Cedar Street, Suite 1500  
 Saint Paul, MN 55101  
 651.292.4400  
 tkda.com

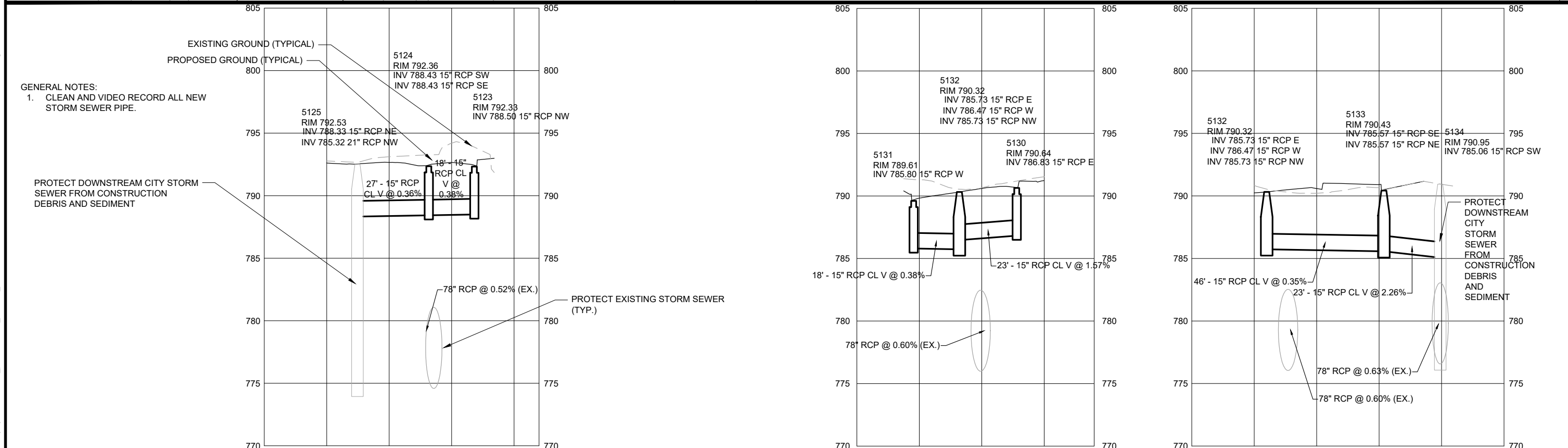
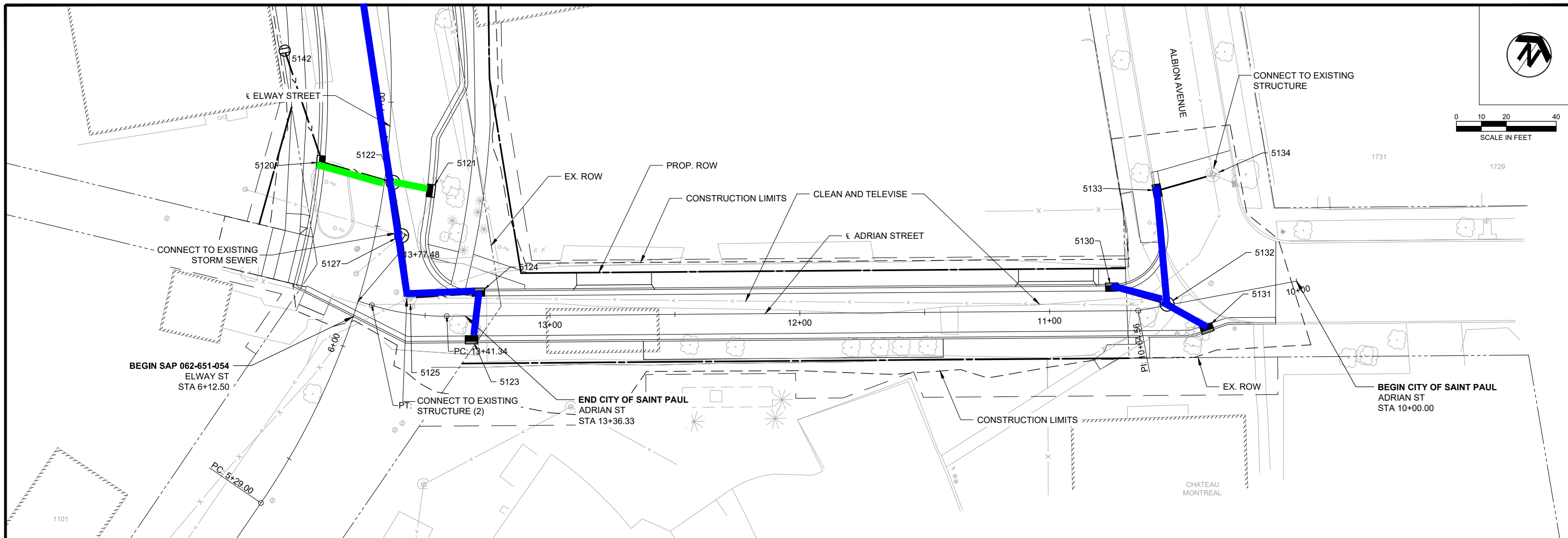
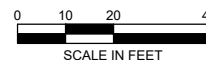
**TKDA**

**LEXINGTON PARKWAY REALIGNMENT**

S.P. 6201-93 (TH 5), S.A.P. 062-651-054  
 S.A.P. 164-010-077, S.A.P. 164-020-153

**DRAINAGE PLAN AND PROFILE  
 OLD LEXINGTON**

SHEET NO. 113 OF 186 SHEETS



GENERAL NOTES:  
 1. CLEAN AND VIDEO RECORD ALL NEW STORM SEWER PIPE.

PROTECT DOWNSTREAM CITY STORM SEWER FROM CONSTRUCTION DEBRIS AND SEDIMENT

PROTECT EXISTING STORM SEWER (TYP.)

PROTECT DOWNSTREAM CITY STORM SEWER FROM CONSTRUCTION DEBRIS AND SEDIMENT

PLOT DATE: Mar 31, 2020 - 10:22pm  
 FILENAME: K:\n-z\ramsseydy\16868000\04\_production\01\_CADD\02\_sheets\114\_DRAINAGE PLAN AND PROFILE ADRIAN STREET.dwg

NO.	DATE	BY	DESCRIPTION OF REVISIONS

DESIGNED	KMP	I HEREBY 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>L.P.P.</i> DATE: 04/10/2020 NAME: LARRY P. POPPLER LIC. NO.: 41005
DRAWN	SJF	
CHECKED	LPP	

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**LEXINGTON PARKWAY REALIGNMENT**  
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 S.A.P. 164-010-077, S.A.P. 164-020-153

**DRAINAGE PLAN AND PROFILE ADRIAN STREET**  
 SHEET NO. 114 OF 186 SHEETS