

**Transportation Advisory Board**  
of the Metropolitan Council of the Twin Cities

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**ACTION TRANSMITTAL No. 2019-02**

**DATE:** January 3, 2019  
**TO:** Transportation Advisory Board  
**FROM:** Technical Advisory Committee  
**PREPARED BY:** Joe Barbeau, Senior Planner (651-602-1705)  
**SUBJECT:** Program Year Extension Request: Ramsey County CSAH 31/CSAH 58 Intersection Improvements  
**REQUESTED ACTION:** Ramsey County requests a program year extension for its CSAH 31/CSAH 58 intersection improvements project (SP# 062-631-025) to 2020.  
**RECOMMENDED MOTION:** That the Transportation Advisory Board approve the program year extension request to move Ramsey County's CSAH 31/CSAH 58 intersection improvements project (SP# 062-631-025) to 2020.

**BACKGROUND AND PURPOSE OF ACTION:** Ramsey County received \$1,018,607 from the 2014 Highway Safety Improvement Program (HSIP) Solicitation for program year 2019 to fund its County State Aid Highway (CSAH) 31/CSAH 58 intersection improvements project. The County is requesting an extension of the program year to 2020 following delays to design after a pilot project on Maryland Avenue was performed in response to a nearby traffic fatality in 2016.

**RELATIONSHIP TO REGIONAL POLICY:** The Transportation Advisory Board (TAB) adopted the Program Year Policy in April 2013 and updated it in August 2014 to assist with management and timely delivery of transportation projects awarded federal funding through the TAB's Regional Solicitation. The policy includes a procedure to request a one-year extension based on extenuating circumstances within certain guidelines.

**STAFF ANALYSIS:** Based on the score on the attached worksheet, staff recommends approval of the program year extension to 2020. It is important to note that an extension of the program year does not guarantee federal funding will be available in that year. The project sponsor is responsible for completing the project in the new program year and covering the federal share of the project until federal funding becomes available. At this time the project would be in line for 2024 reimbursement of federal funds, though an earlier reimbursement may occur if funding becomes available. In that case the program year change would be administered in the annual Transportation Improvement Program (TIP) update and does not require a separate TIP amendment.

**COMMITTEE COMMENTS AND ACTION:** At its December 20, 2018, meeting, the Funding & Programming Committee voted unanimously to recommend approval of the program year extension request to move Ramsey County's CSAH 31/CSAH 58 intersection improvements project to 2020.

At its January 2, 2019, meeting, the Technical Advisory Committee voted unanimously to recommend approval of the program year extension request to move Ramsey County's CSAH 31/CSAH 58 intersection improvements project to 2020.

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**ROUTING**

<b>TO</b>	<b>ACTION REQUESTED</b>	<b>DATE COMPLETED</b>
TAC Funding & Programming Committee	Review & Recommend	12-20-2018
Technical Advisory Committee	Review & Recommend	1-2-2019
Transportation Advisory Board	Review & Approve	

November 21, 2018

Mr. Paul Oehme  
Chair, TAC Funding and Programming Committee  
Metropolitan Council  
390 Robert Street North  
St. Paul, MN 55101-1805

RE: PROGRAM YEAR EXTENSION REQUEST FOR SP 062-631-025  
CSAH 31 (Maryland Ave.)/ 58 (Edgerton St.) Intersection Improvements

Dear Mr. Oehme,

Ramsey County respectfully requests that the Funding and Programming Committee consider a program year extension for the above referenced project. The project's current program year is 2019 and includes widening CSAH 31 (Maryland Ave.) and CSAH 31 & 58 (Edgerton St.) intersection improvements including signal replacement, APS and left turn lanes on CSAH 31 in Saint Paul.

The County applied for and was awarded 2014 HSIP funds for program year 2019. As the County was beginning preliminary design in 2016, a fatal vehicle/ pedestrian accident occurred at the intersection of Maryland Ave. (CSAH 31) and Greenbrier St. This accident raised safety concerns along the Maryland Ave. corridor. The County and City of Saint Paul engaged the public and discussed potential options for the corridor. The recommended option was to complete a pilot project on Maryland Ave. between Payne Ave. and Johnson Parkway. The pilot included temporarily striping Maryland Ave. as 3-lane roadway with medians at its intersections with Greenbrier St. and Duluth St. As the pilot kicked off, it became apparent that the segment of Maryland Ave. between I-35E and Payne Ave. should be evaluated for a 4 to 3-lane conversion. This segment included the proposed project area of Maryland Ave. between Bradley St. and Edgerton St. (CSAH 58).

The pilot project was completed in 2017 with results in early 2018. The project concluded that the Maryland Ave. segment between Payne Ave. and Johnson Parkway functioned as a 3-lane and the County programmed a permanent striping project for 2018. The Maryland Ave. segment between I-35E and Payne Ave. did not operate well as a 3-lane. The 3-lane increased delays on the corridor and created delay on the I-35E ramps. This segment of Maryland Ave. is proposed to remain a 4-lanes.

As the County and City worked through the pilot project, design on the proposed Maryland Ave. project was delayed avoiding potential redesign work. The project cannot meet the deadline for authorization within its 2019 program year and a program year extension is necessary. Based on the current schedule, authorization could not occur until August 2019, which is past the June 2019 deadline. Ramsey County can demonstrate to the Funding and Programming Committee that significant public involvement and progress has been made on the project since the award of HSIP funding. A one-year time extension would allow the County to retain the funding to keep this needed safety improvement.

We therefore request the Funding and Programming Committee's support for extending Ramsey County's project program year to 2020. If additional information is needed, please contact me at (651) 266-7167 or by email at [jenna.fabish@co.ramsey.mn.us](mailto:jenna.fabish@co.ramsey.mn.us).

Sincerely,

*Jenna Fabish*

Jenna Fabish  
Ramsey County Project Manager

Enclosure

cc: Colleen Brown, MnDOT Federal Aid  
Joe Barbeau, Metropolitan Council  
Scott Eue, MnDOT Federal Aid  
Ted Schoenecker, Ramsey County Public Works Director  
Paul Kurtz, City of Saint Paul Engineer

REQUEST FOR PROGRAM YEAR EXTENSION

For

SP 062-631-025

LEFT TURN LANES AND TRAFFIC SIGNAL UPGRADES AT CSAH 31 (MARYLAND AVENUE) AND CSAH 58  
(EDGERTON STREET)

THE CITY OF SAINT PAUL, RAMSEY COUNTY

REQUESTED BY:

JENNA FABISH

RAMSEY COUNTY PROJECT MANAGER

Phone: 651-266-7167

Email: [jenna.fabish@co.ramsey.mn.us](mailto:jenna.fabish@co.ramsey.mn.us)

## 1. PROJECT BACKGROUND

a. Project Name:

County State Aid Highway (CSAH) 31 (Maryland Avenue) & CSAH 58 (Edgerton Street) intersection improvements in the City of Saint Paul.

b. Location Map:

The existing roadway network in the project area includes CSAH 31 (Maryland Avenue) from N. Clark Street (City roadway) to CSAH 58 (Edgerton Street). See **Figure 1 – Location Map** and **Figure 2 – Project Area Map** for the project location and adjacent roadways.

c. Sponsoring Agency:

Ramsey County

d. Other Participating Agencies:

City of Saint Paul, MnDOT, and FHWA

e. Project Description:

CSAH 31 (Maryland Avenue) is currently an undivided four lane roadway with sidewalk along both sides. The existing intersection at CSAH 31 and CSAH 58 is controlled by a traffic signal. The CSAH 31 pavement is deteriorating and was last reconstructed between 1968 and 1987. From 2011-2013, the CSAH 31 and CSAH 58 intersection had 78 crashes total. Of the 78 crashes, 42 (53.8%) were related to left turning vehicles. The proposed left turn lane on CSAH 31 and signal phasing will allow vehicles to safely make their left turn out of an exclusive left turn lane and reduce potential crashes related to left turn movements.

f. Funding Category:

The project is funded with Federal Highway Safety Improvement Program (HSIP) funds.

g. Federal Funds Allocated:

Federal funds in the amount of \$1,018,607 have been secured for Fiscal Year 2019.

## 2. PROJECT PROGRESS

a. Project Schedule:

The schedule below outlines the progress of the project to date as well as the schedule moving forward without the program year extension.

Activity / Milestone	Without Extension	With Extension
County Design - Layout Options	Jan. - July 2018	Jan. - July 2018
Layout refinement	August - Oct. 2018	August - Oct. 2018
Draft Project Memorandum	November 2018	November 2018
Determine Right of way limits	November 2018	November 2018
SJR Report	December 2018	December 2018
30% Plan	December 2018	December 2018
County ROW Plat	December 2018	February 2019
60% Plan	January 2019	March 2019
Project Memorandum Submittal	January 2019	March 2019
Easement Acquisition Negotiation	March - August 2019	May - Oct. 2019
Final Plans	April 2019	April 2019
Submit Construction Plans for review	May 2019	May 2019
Plan Authorization	<b>August 2019*</b>	November 2019
Project Letting	October 2019	January 2020
Project Construction	Oct. 2019 - Nov. 2020	March - Nov. 2020

\* Plan authorization is past the last date for Federal Plan Authorization (June 30, 2019)

b. Right of Way Acquisition:

Permanent and temporary easement needs have been identified for 35 parcels per attached preliminary Ramsey County ROW Plan (**Figure 3 – Draft ROW Plan**). Parcel sketches for the 35 parcels have been drafted for use in the appraisal process. The County is in the process of hiring an appraiser and will have the appraiser under contract in early 2019. Negotiations for the necessary easements would begin in May 2019.

c. Plans:

The preliminary layout has been developed and the plan preparation is estimated at 30 percent complete. Attached is an exhibit showing the proposed project corridor layout (**Figure 4 – Project Layout**).

d. Permits:

Table 1 – Permits Required

<b>Permits Required</b>			
<b>Agency</b>	<b>REQ'D</b>	<b>Status/ Date Received</b>	<b>Attached</b>
USACE Section 404	N	Not applicable (N/A) (no wetlands within the project area)	N
Coast Guard	N	N/A	N
DNR - Water	N	N/A	N
DNR - Public Waters	N	N/A (no DNR public waters within the project area)	N
MPCA - NPDES	Y	Permit will be obtained prior to construction	N
MPCA - Section 401	N	N/A	N
Watershed District	Y	Permit will be obtained prior to construction	N
Wetland Conservation Act/ BWSR	N	N/A (no wetlands within the project area)	N
Railroad	N	N/A (no railroads within the project area)	N
Other	N	N/A	N

e. Approvals:

The following is a list of agencies with approval authority and the status of each approval:

<b>Agency</b>	<b>Approval Required</b>	<b>Status</b>
MnDOT	Project Memorandum	Draft submitted Nov. 2018 with final March 2019
	Final Plan Approval	Not yet submitted, Nov. 2019



Agency	Approval Required	Status
Ramsey County	Preliminary Layout	Completed
	Final Plan Approval	Not yet submitted, Nov. 2019
City of Saint Paul	Preliminary Layout	Completed
	Final Plan Approval	Not yet submitted, Nov. 2019

f. Identified Funds Spent to Date on Project:

To date, the County has spent approximately \$70,000 on preliminary design. The County is in process of hiring an appraiser for the project.

**3. JUSTIFICATION FOR EXTENSION**

**a. What is unique about this project that requires an extension of the program year?**

In May 2016, a vehicle/ pedestrian crash occurred at the intersection of Maryland Avenue (CSAH 31) and Greenbrier St. The pedestrian died days later from injuries sustained from the accident. The pedestrian was attempting to cross eastbound Maryland Avenue when the vehicle in the southern eastbound lane stopped but the vehicle in the northern eastbound lane did not stop. The vehicle in the north eastbound lane struck the pedestrian.

After a review of the vehicle/ pedestrian crash and public concern for non-motorized users' safety, the County in partnership with the City of Saint Paul reviewed options for safety improvements along the CSAH 31 corridor east of Interstate (I) 35E. The recommended option included completing a pilot project that evaluated converting Maryland Avenue from a 4 to 3-lane roadway from Payne Avenue to Johnson Parkway.

As part of the pilot project, Maryland Avenue was temporarily striped as 3-lane roadway with a center turn lane and temporary medians were constructed at the Maryland Ave./ Greenbrier St. and Maryland Ave./ Duluth St. intersections. The medians provided both pedestrians and bicyclists a safer crossing of Maryland Ave. The pilot project monitored traffic operations along Maryland Avenue (CSAH 31) from Payne Ave. to Johnson Parkway for 6 months between May and November 2017. This segment of Maryland Avenue had between 15,700 and 18,600 vehicles per day (vpd). These traffic volumes for this segment were approaching a 4-lane roadway need for this corridor.

As the County and City began the pilot project, it was determined that Maryland Avenue between I-35 E and Payne Ave. should be evaluated for 4 to 3-lane conversion as part of

the traffic study This segment of Maryland Avenue carries 22,400 vpd. The proposed Maryland Avenue project was located within this segment (N. Clark St. to Edgerton St.)

In 2018, the pilot project concluded that vehicle traffic on Maryland Ave. between Payne Ave. and Johnson Parkway (Segment 1) experienced acceptable levels of delay/ congestion The traffic study for the segment of Maryland Ave. between I-35E and Payne Ave. (Segment 2) indicated high levels of delay; causing vehicles to queue on the I-35E ramps. Based on this information, Segment 1 was programmed for 2018 to be permanently striped as a 3-lane roadway and concrete medians were to be installed at the intersections of Maryland Ave./Greenbrier St. and Maryland Ave./Duluth St. Segment 2 was recommended to remain a 4-lane roadway. The portion of Segment 2 within the proposed project area (N. Clark St. to Edgerton St. (CSAH 58)) was programmed for reconstruction including intersection improvements at Edgerton St.

To reduce cost and minimize redesign work, the County completed minimum design work on the proposed Maryland Ave./Edgerton St. project. The proposed intersection design would be impacted if this segment was converted to a 3-lane roadway and placement of the signal equipment would be in a different location.

**b. What are the financial impacts if the project does not meet its current program year?**

If federal funds are surrendered, the proposed project will likely be postponed until an alternate source of funding can be secured. The County and City have spent funds in excess of \$70,000 and anticipate continued design work costs of an additional \$160,000 to prepare the plan. The County and City feel strongly that this segment of Maryland Avenue (CSAH 31) is a high priority segment and delaying the improvements on this segment will likely cause increased traffic delays/ congestion and crashes.

**c. What are the implications if the project does not obtain the requested extension?**

Based on the current schedule, the project cannot meet the requirements for federal authorization in its program year (June 2019). If a program year extension was not granted for the project, the County may consider delaying the project and evaluating the use of future outside funding.

**d. What actions will the agency take to resolve the problem facing the project in the next three to six months?**

The County will continue to gather public input through the design process with the intent to have final plans in the summer of 2019. The County is in the process of hiring an appraiser and will have the appraiser under contract in early 2019. Negotiations for the necessary easements will begin in May 2019.



STUDY REPORT (required for Environmental Assessment Only)

Complete/Approved If checked enter 1. \_\_\_\_\_  
Date of Approval \_\_\_\_\_  
 Not Complete  
Anticipated Date of Completion \_\_\_\_\_

CONSTRUCTION PLANS

Completed (includes signature of District State Aid Engineer)  
Date \_\_\_\_\_ If checked enter 3. \_\_\_\_\_  
 Completed (approved by District State Aid as to SA Standards but not signed)  
Date \_\_\_\_\_ If checked enter 2. \_\_\_\_\_  
 Not Complete  
Anticipated Date of Completion **April 2019**  
If prior to June 30 of the program year, enter 1. **1**

RIGHT OF WAY ACQUISITION

Completed (includes approval of R/W Cert. #1 or #1A) If checked enter 2. \_\_\_\_\_  
Date \_\_\_\_\_  
 Not Complete  
Anticipated Date of Completion **Oct. 2019**  
If prior to December 31 of the year following the original program year, enter 1. **1**

ENGINEERS ESTIMATE OF COSTS

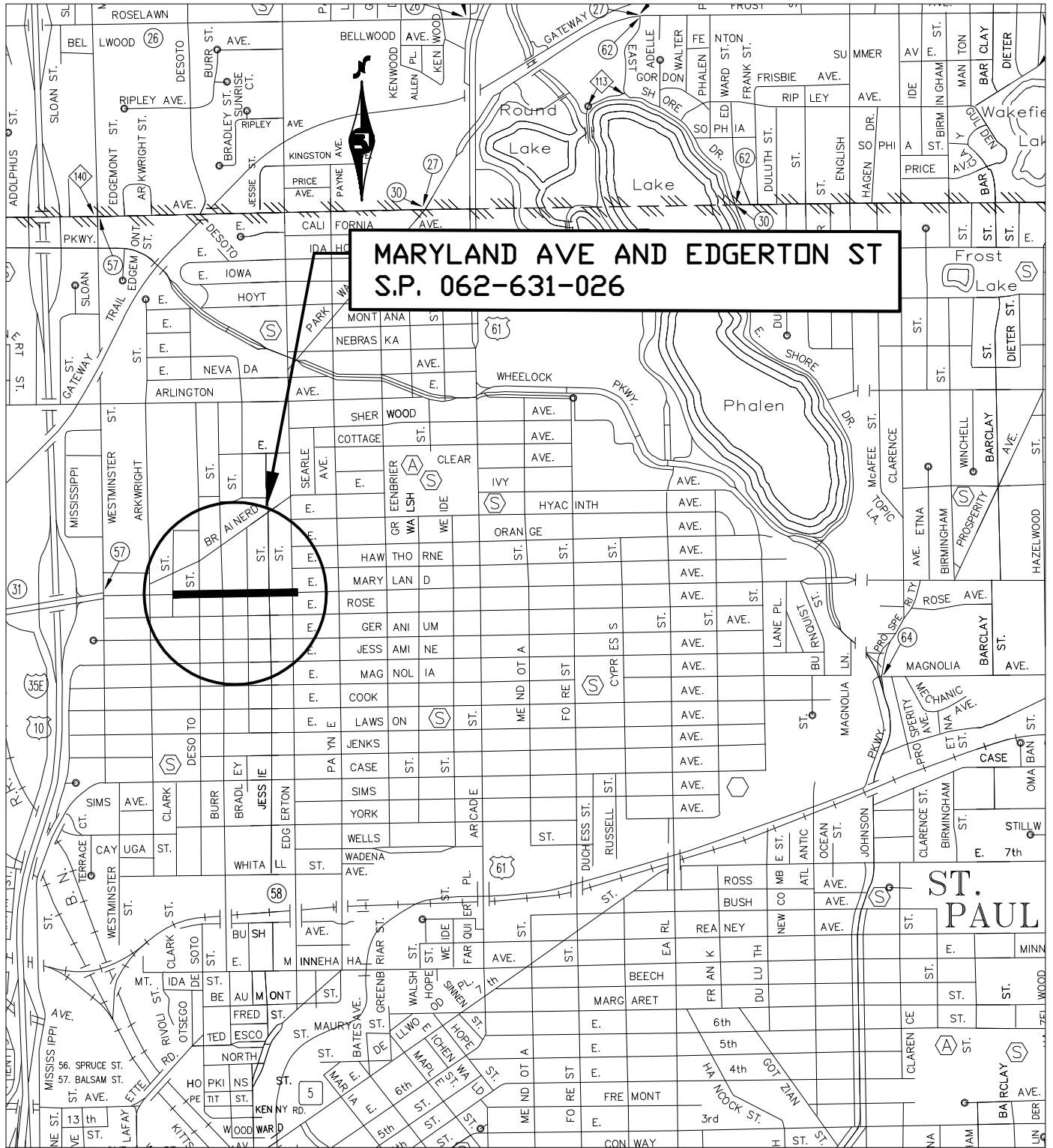
Completed If checked enter 2. \_\_\_\_\_  
Date \_\_\_\_\_  
 Not Complete  
Anticipated Date of Completion **April 2019**  
If prior to December 31 of the year following the original program year, enter 1. **1**

AUTHORIZED

Anticipated Letting Date **January 2020**.  
Anticipated letting date must be prior to June 30  
in the year following the original program year,  
so that authorization can be completed prior to  
June 30 of the extended program year.

TOTAL POINTS **7**

Figure 1 - Location Map



SCALE: 1" = 2000'

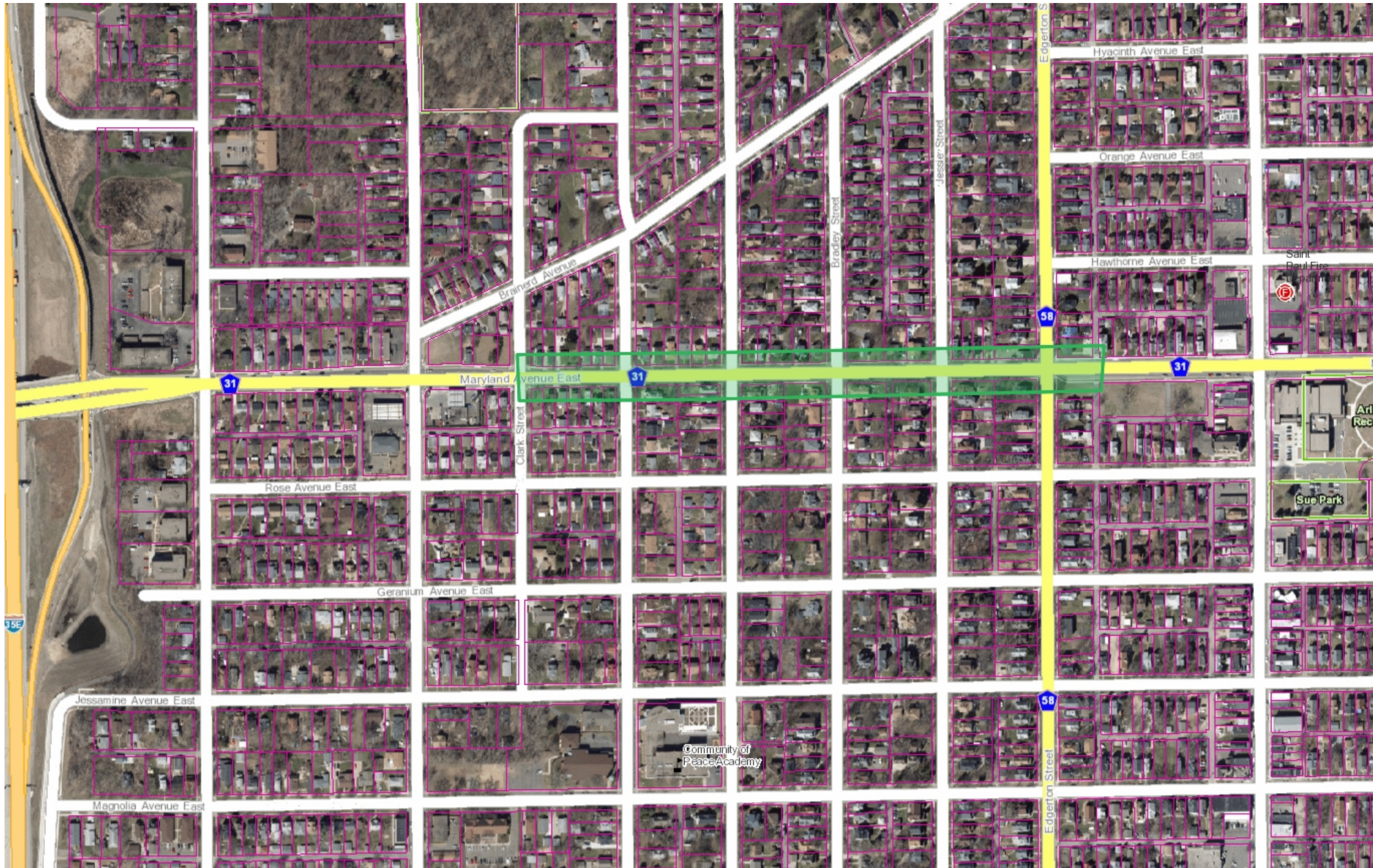


**RAMSEY COUNTY**  
Department of Public Works

**PROJECT LOCATION MAP**  
**MARYLAND AVE & EDGERTON ST**  
600' WEST OF PAYNE AVE TO CLARK ST  
S.P. 062-631-026



Figure 2 - Project Area Map



- Legend**
- City Halls
  - Schools
  - Hospitals
  - Fire Stations
  - Police Stations
  - Recreational Centers
  - Parcel Points
  - Parcel Boundaries

600.0 0 300.00 600.0 Feet

NAD\_1983\_HARN\_Adj\_MN\_Ramsey\_Feet  
© Ramsey County Enterprise GIS Division.

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

**Notes**  
Enter Map Description



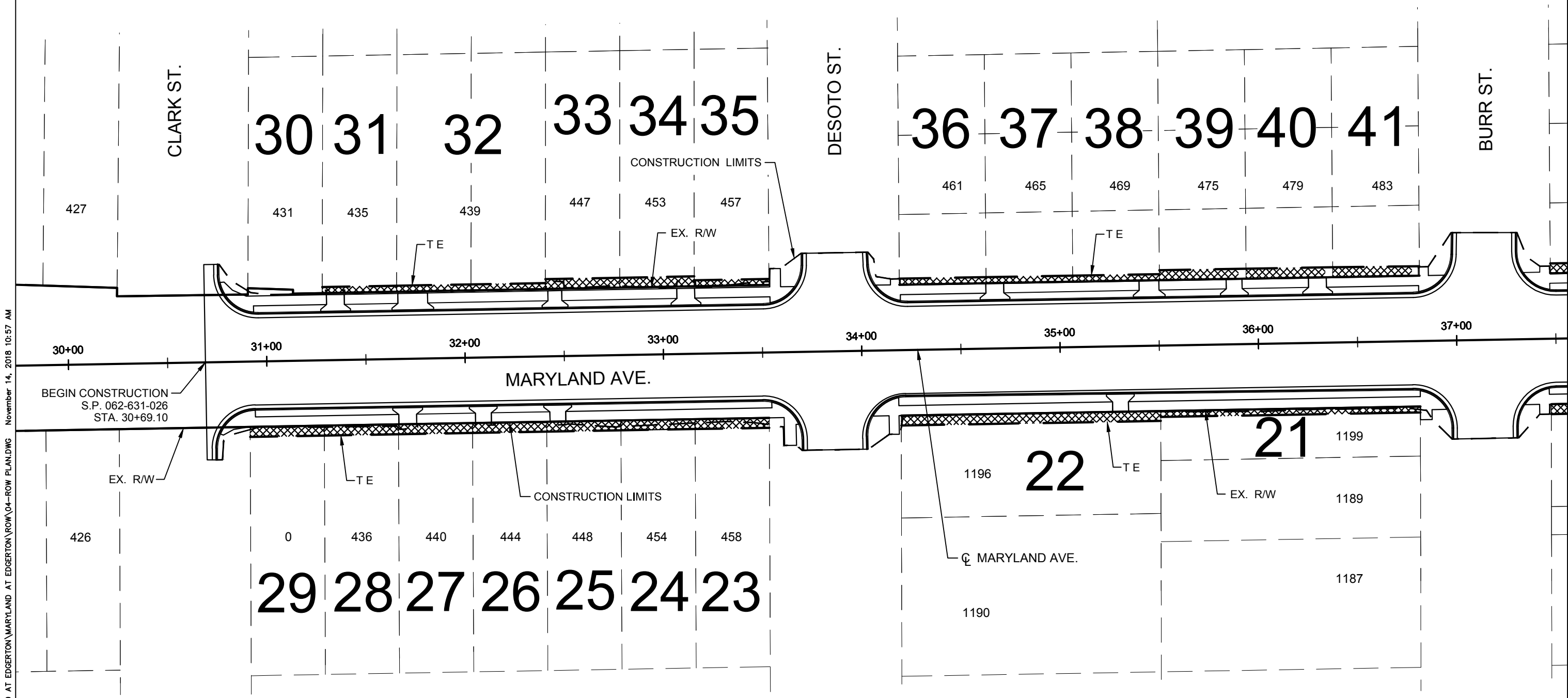
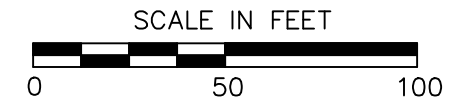


Figure 3 - Draft ROW Plan Sheet 1 of 4

LEGEND

	PROPOSED PERMANENT EASEMENT
	PROPOSED TEMPORARY EASEMENT

CITY OF  
SAINT PAUL



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NO.	REV-DATE	BY:	DESCRIPTION

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNED: \_\_\_\_\_

REG NO: \_\_\_\_\_ DATE: \_\_\_\_\_

**MARYLAND AVE. / CSAH 31**  
AT EDGERTON STREET

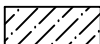

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S.A.P. 062-631-027  
COUNTY PROJ. P-3380



**RIGHT OF WAY PLAN**  
SHEET XX OF XX SHEETS

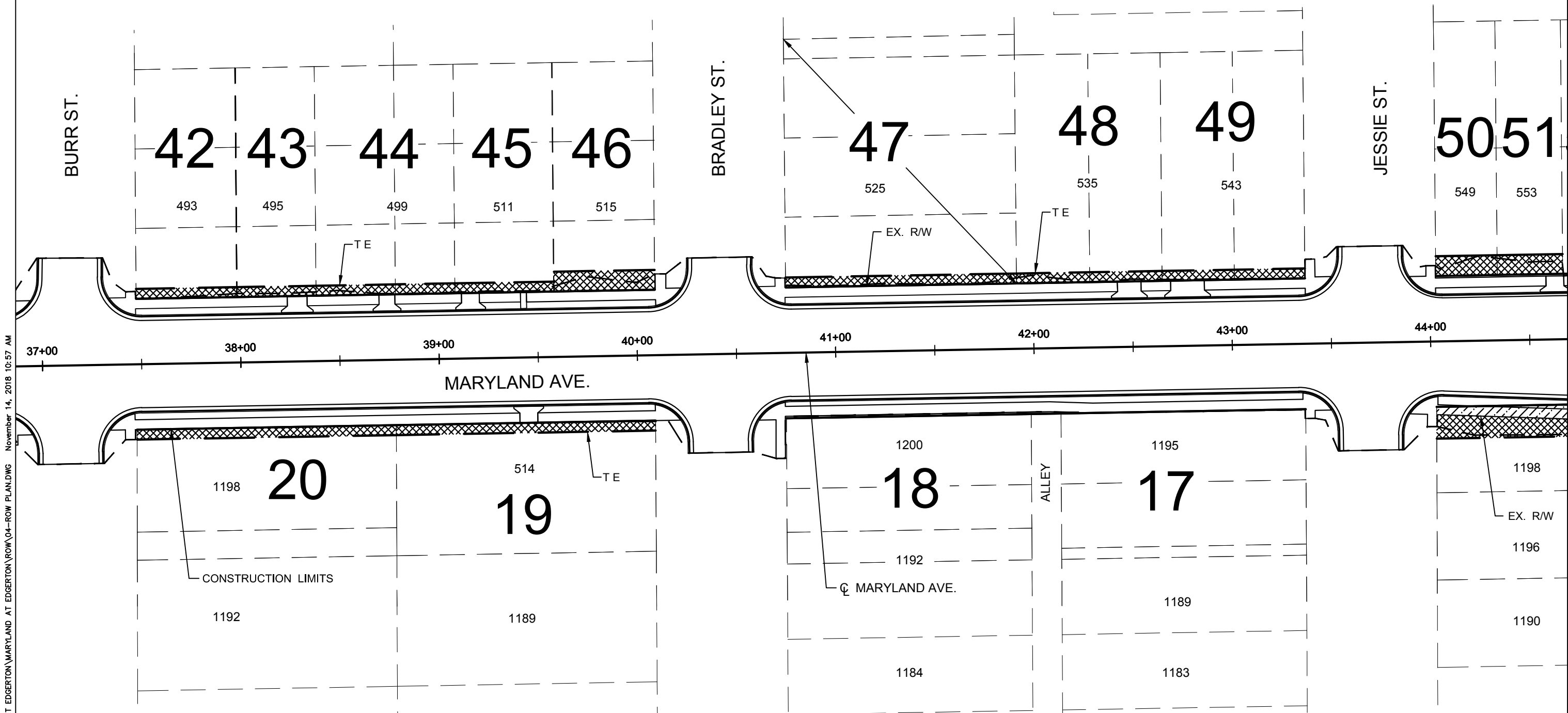
Figure 3 - Draft ROW Plan Sheet 2 of 4

LEGEND

	PROPOSED PERMANENT EASEMENT
	PROPOSED TEMPORARY EASEMENT



CITY OF SAINT PAUL



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AT EDGERTON STREET

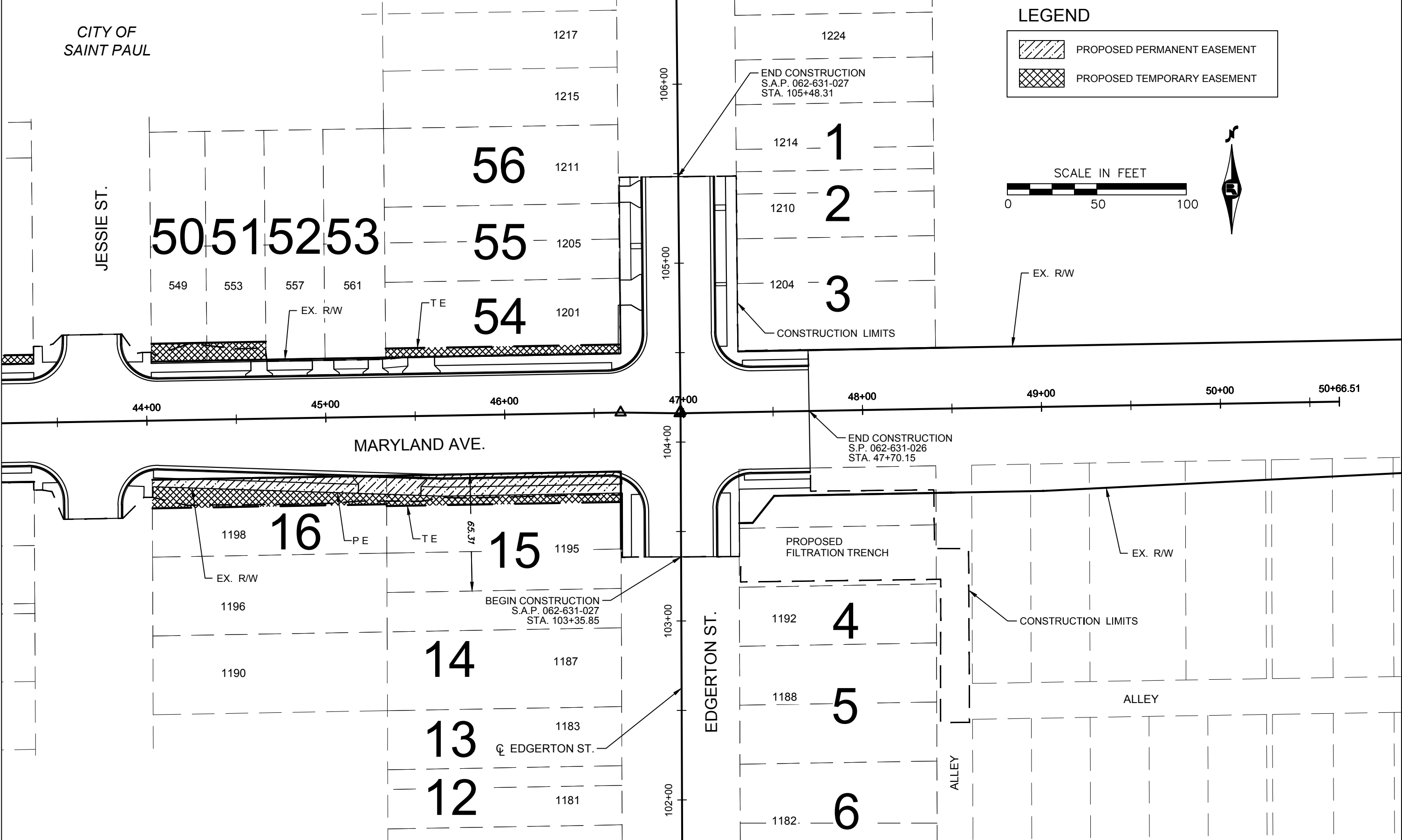
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COUNTY PROJ. P-3380



**RIGHT OF WAY PLAN**  
SHEET XX OF XX SHEETS



Figure 3 - Draft ROW Plan Sheet 3 of 4



**LEGEND**

- PROPOSED PERMANENT EASEMENT
- PROPOSED TEMPORARY EASEMENT

SCALE IN FEET

0 50 100

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**MARYLAND AVE. / CSAH 31**  
AT EDGERTON STREET

S.P. 062-631-026  
S.A.P. 062-631-027  
COUNTY PROJ. P-3380



**RIGHT OF WAY PLAN**  
SHEET XX OF XX SHEETS

Figure 3 - Draft ROW Plan Sheet 4 of 4

PARCEL NUMBER	PARCEL ID NO.	PARCEL ADDRESS	OWNER	PARCEL SIZE	PERMANENT EASEMENT	TEMPORARY EASEMENT	COMMENTS
				ACRE	SQ. FT.	SQ. FT.	
1	202922430079	1214 EDGERTON ST.	KA CHENG & ME M. LOR	0.10			
2	202922430080	1210 EDGERTON ST.	DANIEL ACOSTA	0.10			
3	202922430081	1204 EDGERTON ST.	IRMA J. THOMAS	0.16			
4	292922120100	1192 EDGERTON ST.	SINGULAR DEV. RESOURCES INC.	0.08			
5	292922120101	1188 EDGERTON ST.	JANET M. ELDRED	0.17			
6	292922120102	1182 EDGERTON ST.	NORINNE M. & JANICE C. HOBBS	0.13			
12	292922210157	1181 EDGERTON ST.	AMARANMA LLC.	0.10			
13	292922210158	1183 EDGERTON ST.	FYR SFR BORROWER LLC.	0.10			
14	292922210002	1187 EDGERTON ST.	NORTH REAL ESTATE LLC.	0.20			
15	292922210001	1195 EDGERTON ST.	XA LEE	0.20	1469	679	
16	292922210015	1198 JESSIE ST.	ANA METOS	0.13	938	1157	
17	292922210016	1195 JESSIE ST.	BER LOR	0.20			
18	292922210025	1200 BRADLEY ST.	JUAN M. VARGAS DIAZ	0.17			
19	292922210026	514 MARYLAND AVE.	DAVID R. BEAUDET	0.20		654	
20	292922210035	1198 BURR ST.	JEREMIAH LAND	0.16		654	
21	292922210036	1199 BURR ST.	GINA ROMANO & ADAM JOZEFOWSKI	0.08		393	
22	292922210046	1196 DESOTO ST.	FELIPE G. ILLESCAS	0.16		656	
23	292922220001	458 MARYLAND AVE.	KIM R. KNUTSON	0.11		187	
24	292922220002	454 MARYLAND AVE.	THOMAS A. WAGNER	0.11		187	
25	292922220003	448 MARYLAND AVE.	MYO MIN ZAW	0.11		187	
26	292922220004	444 MARYLAND AVE.	CHIT TOE	0.11		187	
27	292922220005	440 MARYLAND AVE.	JEREMIAH W. SAARI	0.11		187	
28	292922220006	436 MARYLAND AVE.	JEREMIAH W. SAARI	0.11		187	
29	292922220007	0 MARYLAND AVE.	JEREMIAH W. SAARI	0.11		187	
30	202922330168	431 MARYLAND AVE.	MOE MYINT & AH OO	0.10			
31	202922330101	435 MARYLAND AVE.	DARRELL E. LEWIS BEY	0.10		113	
32	202922330143	439 MARYLAND AVE.	JEREMIAH W. SAARI	0.21		225	
33	202922330106	447 MARYLAND AVE.	DEBRA MESSENGER	0.18		188	
34	202922330104	453 MARYLAND AVE.	AARON L. HAGLUND	0.10		188	
35	202922330105	457 MARYLAND AVE.	CHUE & KOU CHANG	0.10		113	
36	202922340061	461 MARYLAND AVE.	ANDRES & ENCARNACION JARAMILLO	0.12		134	
37	202922340062	465 MARYLAND AVE.	STEVEN D. MARK TRUSTEE	0.12		133	
38	202922340063	469 MARYLAND AVE.	BRUCE K. YANG	0.12		132	
39	202922340064	475 MARYLAND AVE.	PAH KYAW & SHWE THEIN	0.12		199	
40	202922340065	479 MARYLAND AVE.	MICHAEL C. ROACH	0.17		199	
41	202922340066	483 MARYLAND AVE.	WAHID B. TEKLU	0.12		199	
42	202922340084	493 MARYLAND AVE.	DAVID R. BEAUDET	0.13		255	
43	202922340085	495 MARYLAND AVE.	TEWODROS E. DEJENE	0.11		199	
44	202922340086	499 MARYLAND AVE.	LAI LLC.	0.18		349	
45	202922340087	511 MARYLAND AVE.	JEFFREY L. REED	0.13		250	
46	202922340088	515 MARYLAND AVE.	RICHARD CLEOPHAS DEMERS	0.13		507	
47	202922340120	525 MARYLAND AVE.	HANK CU & RUBY NGOC NGUYEN	0.34		581	
48	202922340121	535 MARYLAND AVE.	FYR SFR BORROWER LLC	0.19		367	
49	202922340122	543 MARYLAND AVE.	HOUA YANG	0.19		360	
50	202922340179	549 MARYLAND AVE.	DARRELL EVANS	0.09		310	
51	202922340180	553 MARYLAND AVE.	MICHAEL M. BRAATEN	0.10		329	
52	202922340181	557 MARYLAND AVE.	TED RIES	0.10			
53	202922340182	561 MARYLAND AVE.	JUAN JOSE ESCOBAR	0.10			
54	202922340183	1201 EDGERTON ST.	YANG BROTHERS LLC.	0.13		655	
55	202922340184	1205 EDGERTON ST.	BICH LIEN NGUYEN	0.13			
56	202922340185	1211 EDGERTON ST.	OSTERBAUER LLC.	0.13			
EASEMENT TOTALS IN SQ. FT.				6.34	2407	11486	

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SIGNED: \_\_\_\_\_

REG NO: \_\_\_\_\_ DATE: \_\_\_\_\_

**MARYLAND AVE. / CSAH 31**  
AT EDGERTON STREET

S.P. 062-631-026  
S.A.P. 062-631-027  
COUNTY PROJ. P-3380



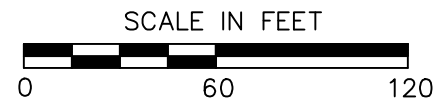
**RIGHT OF WAY CHART**  
**SHEET XX OF XX SHEETS**



# MARYLAND AVE. AT EDGERTON ST.

RAMSEY COUNTY PROJECT NO. P-3380

NOVEMBER 13, 2018



## LEGEND

- PROPOSED BITUMINOUS PAVEMENT
- PROPOSED CONCRETE DRIVEWAY
- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE CURB & GUTTER
- DIRECTIONAL TRAFFIC FLOW
- CONSTRUCTION LIMITS
- EXISTING RIGHT-OF-WAY
- PROPOSED PERMANENT EASEMENT
- PROPOSED TEMPORARY EASEMENT

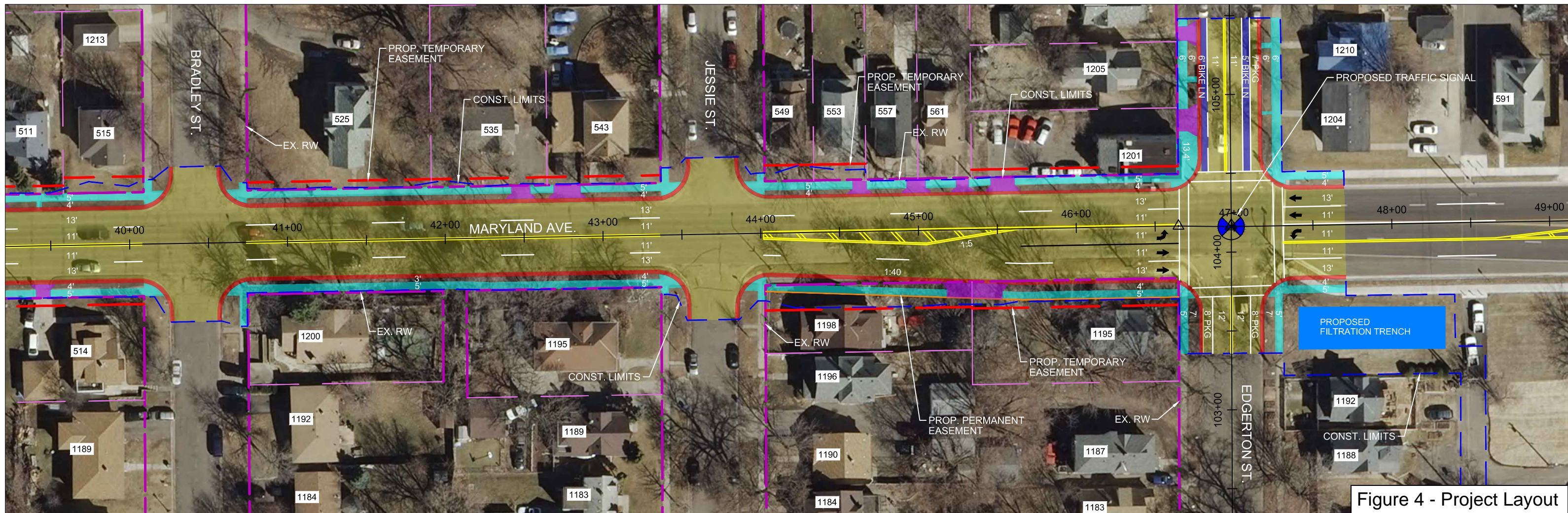
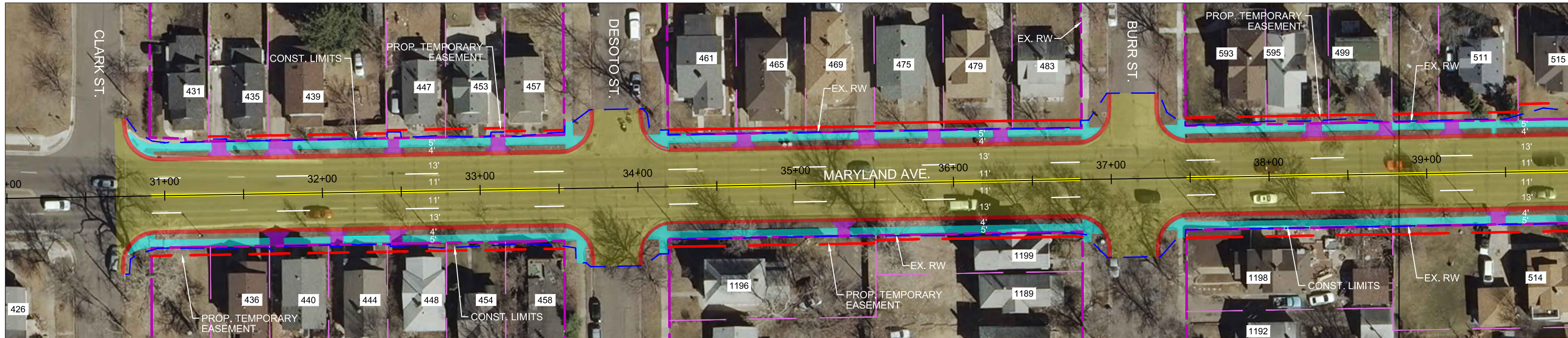


Figure 4 - Project Layout