

DESIGN DESIGNATION MARIE AVE  
 STA. 1+07.38 TO STA. 30+04.56

FUNTIONAL CLASSIFICATION MINOR COLLECTOR  
 R-VALUE 20  
 ΣN-18 533,000  
 NO. & WIDTH OF TRAFFIC LANES 4 & 12 ft  
 NO. & WIDTH OF PARKING LANES 0, 0 ft  
 ADT (PRESENT YEAR) 2020 5,200  
 ADT (PROJECTED YEAR) 2040 5,720  
 HCA DT (PROJECTED YEAR) 2040 3.83%  
 DESIGN SPEED 30 mph  
 DESIGN LOAD 10 ton

DESIGN SPEED FOR ROADWAY BASED ON  
 ON STOPPING SIGHT DISTANCE:  
 HEIGHT OF EYE = 3.5 FT  
 HEIGHT OF OBJECT = 2.0 FT

# MINNESOTA DEPARTMENT OF TRANSPORTATION

## CITY OF WEST ST. PAUL

### DAKOTA COUNTY, MINNESOTA

#### MARIE AVENUE MILL & OVERLAY

MINN. PROJ. NO. \_\_\_\_\_ STATE FUNDS \_\_\_\_\_

--- GOVERNING SPECIFICATIONS ---  
 THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION  
 "STANDARD SPECIFICATION FOR CONSTRUCTION" SHALL GOVERN.  
 ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM AND BE INSTALLED IN ACCORDANCE  
 WITH THE "MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MN MUTCD) AND  
 PART VI, "FIELD MANUAL" FOR TEMPORARY TRAFFIC CONTROL DEVICES.

CONSTRUCTION PLAN FOR: MILLING, PLANT MIXED BITUMINOUS PAVEMENT, SPOT CONCRETE CURB AND GUTTER, STORM SEWER, AND RELATED APPURTENANCES

SAP 173-122-017 LOCATED ON MARIE AVENUE FROM 100' EAST OF ROBERT STREET TO OAKDALE AVENUE (GEOGRAPHICAL DESCRIPTION)  
 FROM THE SE CORNER OF THE SW ¼ OF THE SW ¼ OF SECTION 20, T28N, R22W TO THE NE CORNER OF THE NW ¼ OF THE NE ¼ OF SECTION 29, T28N, R22W (LEGAL DESCRIPTION)

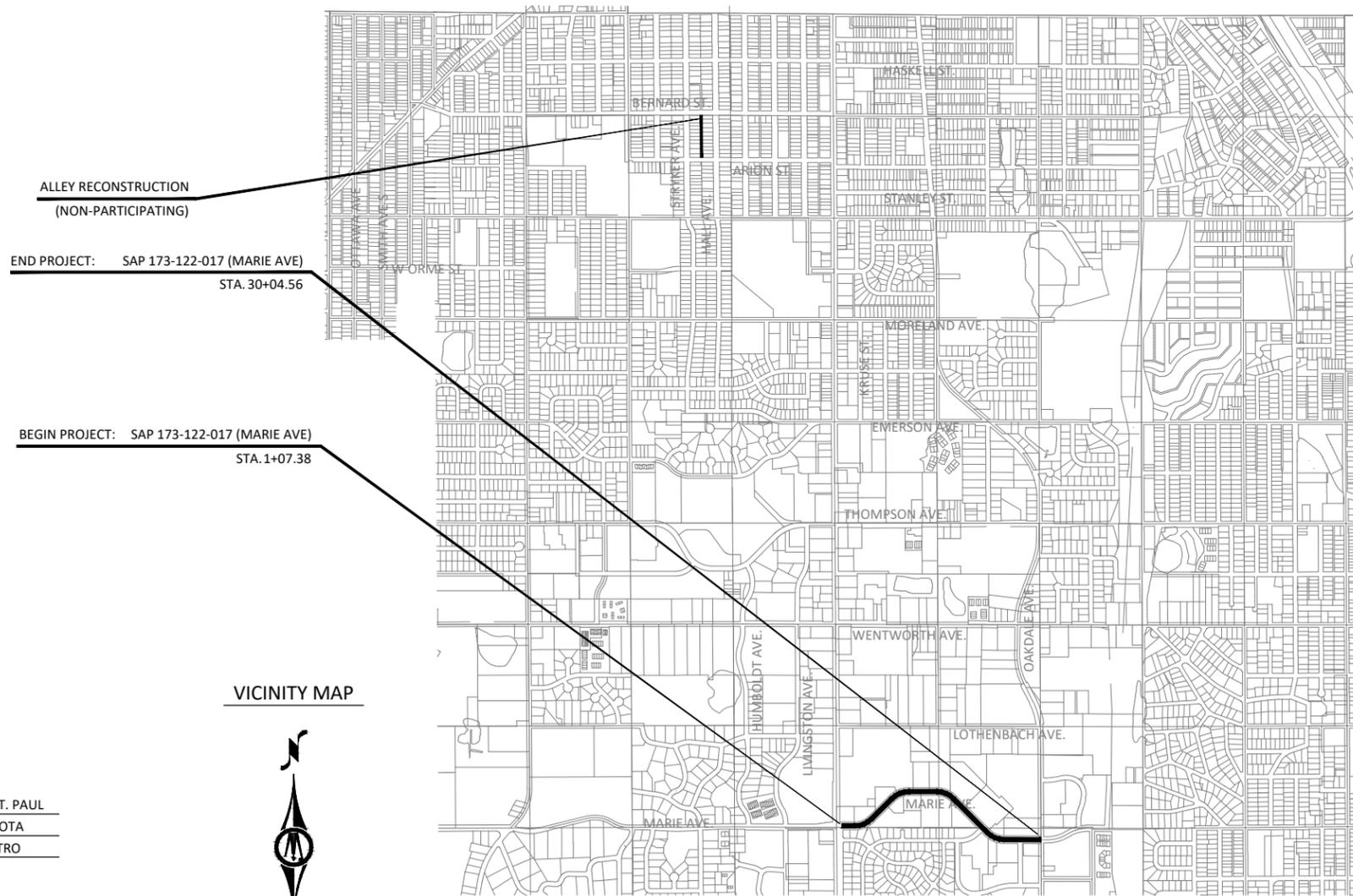
MARIE AVENUE (SAP 173-122-017)

GROSS LENGTH	2,897.18 FEET	0.549 MILES
BRIDGE LENGTH	NA FEET	NA MILES
EXCEPTION LENGTH	NA FEET	NA MILES
NET LENGTH	2,897.18 FEET	0.549 MILES

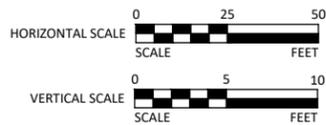
LENGTH AND DESCRIPTION BASED UPON  
 PROPOSED MSAS 122 CENTERLINE

SHEET NUMBER	SHEET TITLE
<b>GENERAL</b>	
1	TITLE SHEET
2	LEGEND
3	STATEMENT OF ESTIMATED QUANTITIES
4	LOCATION PLAN
5	TYPICAL SECTIONS
6 - 7	STANDARD DETAILS
<b>CIVIL</b>	
8	REMOVALS PLAN
9 - 13	EROSION CONTROL PLAN
14 - 18	STREET IMPROVEMENTS PLAN
19 - 22	SIGNING AND STRIPING PLAN
23 - 29	CROSS-SECTIONS

THIS PLAN SET CONTAINS 29 SHEETS.



TYPICAL PLAN SCALE  
 UNLESS OTHERWISE NOTED:

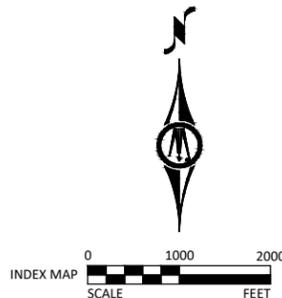


PROJECT LOCATION



CITY: WEST ST. PAUL  
 COUNTY: DAKOTA  
 DISTRICT: METRO

VICINITY MAP



THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D UNLESS OTHERWISE NOTED. THIS UTILITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

BM=982.19  
 TNH  
 NW QUADRANT  
 BENARD ST & HALL AVE

PROJECT DATUM:  
 HORIZONTAL: DAKOTA COUNTY NAD 83, 1986 ADJ.  
 VERTICAL: NGVD 29 (CITY DATUM)

RECORD DRAWING INFORMATION	
OBSERVER:	
CONTRACTOR:	
DATE:	

Eric Seaburg, P.E.  
 Design Engineer: 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.

Date 01/13/2020 License Number 53712

Approved: City of West St. Paul Engineer \_\_\_\_\_ Date \_\_\_\_\_

District State Aid Engineer: \_\_\_\_\_ Date \_\_\_\_\_  
 Review for compliance with State Aid Rules/Policy

Approved for State Aid Funding: State Aid Engineer \_\_\_\_\_ Date \_\_\_\_\_



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 Email: Burnsville@bolton-menk.com  
 www.bolton-menk.com



DESIGNED	NO.	ISSUED FOR	DATE
EJS			
DRAWN			
EJS			
CHECKED			
EJS			
CLIENT PROJ. NO.			
20-1			

WEST ST. PAUL, MINNESOTA  
 MARIE AVENUE MILL & OVERLAY  
 STATE AID PROJECT NO. 173-122-017

SHEET  
 1  
 OF  
 29