

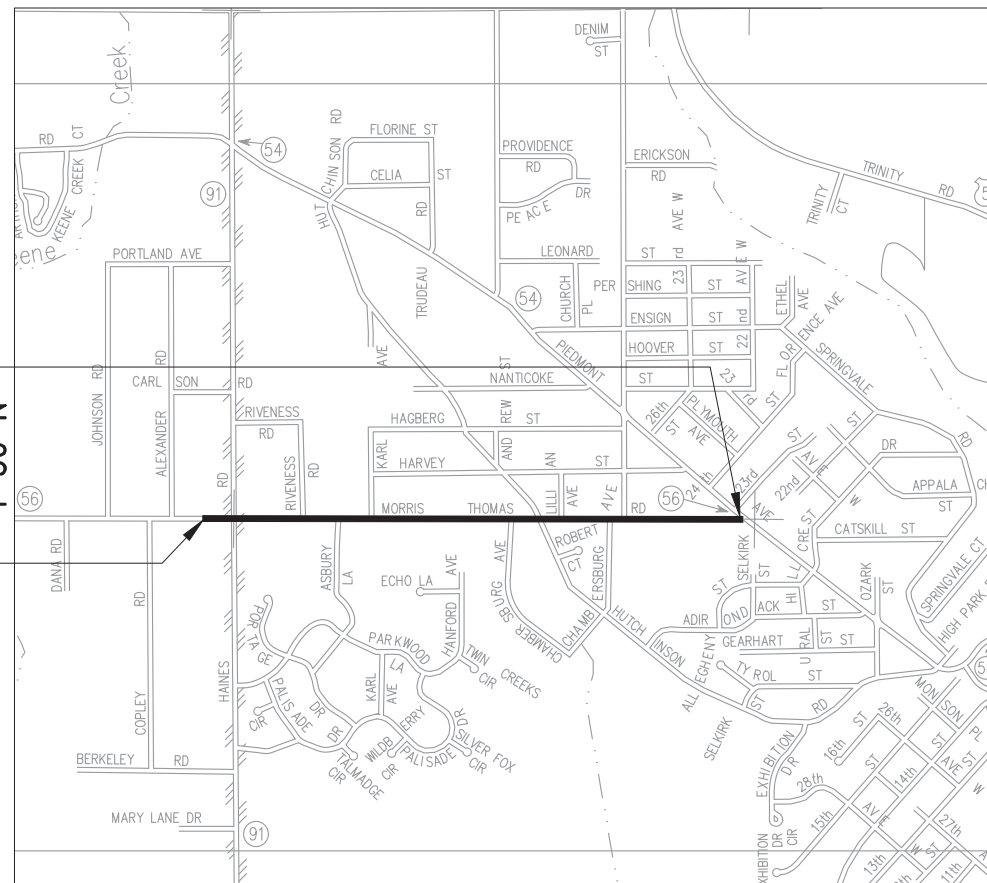
SECTION SUBDIVISION LINE	=====
EXISTING R/W	-----
NEW R/W	=====
TEMP EASE	-----
RAILROAD R/W	-----
UNSURFACED RD. OR SHLD.	-----
EDGE OF LAKE	-----
SWAMP BOUNDARY	-----
MISCELLANEOUS BOUNDARY	-----
CORPORATE OR CITY LIMITS	=====
PROPERTY LINE	-----
RECREATIONAL TRAIL	-----
ALIGNMENT STATIONS	110 ----- 112
ALIGNMENT POINTS	
RIVER OR CREEK	
DRAINAGE DITCH	
BRIDGE	
RAILROAD (SINGLE TRACK)	
RR CROSSING PAVEMENT MARKING	
RR CROSSING GATE	
RR CROSSBUCK SIGN	
RR CROSSBUCK SIGN W/LIGHTS	
BARBED WIRE FENCE	
CHAIN LINK FENCE	
WOVEN WIRE, COMBINATION WOVEN AND BARB	
WOOD FENCE	
BILLBOARD	
RETAINING WALL	
GUARDRAIL (CABLE)	
GUARDRAIL (PLATE BEAM)	
DRAIN TILE	
CULVERT	
CULVERT WITH APRONS	
WOODS OR BRUSH, NURSERY	
DECIDUOUS TREES	
CONIFER (EVERGREEN) TREES	
HEDGE	
BUSH OR SHRUB	
STUMP	
SWAMP OR MARSH	
MONUMENT (CI, ACT, ACP, BCP, ...)	
CONCRETE OR STONE MONUMENT	
IRON PIPE	
IRON PIN OR REBAR	
IRON PIN WITH BRASS DISK	
NAIL, PK NAIL, SPIKE, SFP, T-BAR, ...	
VERTICAL CONTROL	
HORIZONTAL CONTROL	
POWER POLE	
LIGHT POLE	
LIGHT AND TELEPHONE POLE	
LIGHT, TELEPHONE AND POWER POLE	
GUY POLE	
POLE ANCHOR	
TELEPHONE POLE	
TELEPHONE AND POWER POLE	
UNDERGROUND CABLE PEDESTAL	
TELEPHONE MANHOLE (VAULT)	
ELECTRIC CABLE IN CONDUIT	
TELEPHONE CABLE IN CONDUIT	
BURIED ELECTRIC CABLE	
BURIED TELEPHONE CABLE	
GAS LINE	
WATER LINE	
VALVE	
FIRE HYDRANT	
WATER MANHOLE	
WELL	
LAWN SPRINKLER HEAD	
MANHOLE	
CATCH BASIN	
SEPTIC TANK	
FORCE MAIN LIFT STA.	
SEWER LINE	
PERMANENT BARRICADE	
TRAFFIC SIGNAL LIGHT	
HAND HOLE	
ENTRANCE	
BUILDING	
SATELLITE DISH	
STEEL TOWER	
FLAG POLE	

CONSTRUCTION PLAN FOR: GRADING, STORM, BITUMINOUS SURFACING, SIDEWALK, AND  
ADA PEDESTRIAN IMPROVEMENTS

STATE AID PROJ. NO.	<u>069-656-020</u>
COUNTY PROJ. NO.	<u>0056-493050</u>

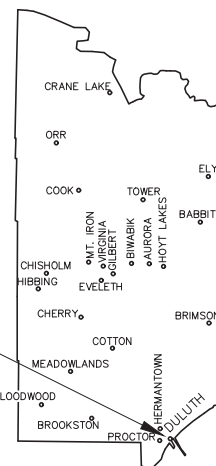
GROSS LENGTH	<u>          X.XX          </u> FEET	<u>          X.XXX          </u> MILES
BRIDGES—LENGTH	<u>          N/A          </u> FEET	<u>          N/A          </u> MILES
EXCEPTIONS—LENGTH	<u>          N/A          </u> FEET	<u>          N/A          </u> MILES
NET LENGTH	<u>          X.XX          </u> FEET	<u>          X.XXX          </u> MILES

**WARNING**  
LOCATION OF UNDERGROUND UTILITIES  
TO BE VERIFIED BY CONTRACTOR.  
CALL BEFORE DIGGING.  
GOPHER STATE ONE CALL  
811 OR 1-800-252-1166  
REQUIRED BY LAW



R 15 W I  
UTILITY NOTE:

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



ST. LOUIS COUNTY

SCALES		
PLAN	<u>20 ft.</u>	
PROFILE	<u>20 ft.</u> HORIZ.	<u>5 ft.</u> VERT.
INDEX MAP	<u>2500 ft.</u>	



PLAN REVISIONS		
DATE	SHEET NO.	APPROVED BY

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION  
"STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.  
ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE MN MUTCD,  
INCLUDING THE FIELD MANUAL DATED JANUARY 2018.  
<https://www.dot.state.mn.us/trafficeng/publ/fieldmanual/fieldmanual.pdf>

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	TITLE SHEET AND INDEX MAP
2	NOTES & STATEMENT OF ESTIMATED QUANTITIES
X-X	TABULATIONS
X-X	TYPICAL SECTIONS
X-X	CONSTRUCTION DETAILS
X-X	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
X-X	EROSION CONTROL AND REMOVALS PLAN
X-X	C.S.A.H. 56 PLAN & PROFILE
X-X	STORM PROFILES
X-X	SIGNING AND STRIPING PLANS
X-X	TRAFFIC CONTROL PLANS
X-X	CROSS SECTIONS

— THIS PLAN CONTAINS XX SHEETS —

R VALUE =	<u>                    </u>	\$N18 20 =	<u>XX</u>
ADT (Current Year)	2019	=	<u>3000</u>
ADT (Future Year)	2041	=	<u>XX</u>
D (Directional Distr.)		=	<u>50-50%</u>
T (Heavy Commercial)		=	<u>                    </u>
Proj. Soil Factor		=	<u>XX</u>
Shoulder Width		=	<u>7.50'</u>
Design Loading		=	<u>XX TON</u>
Design Speed	<u>30</u> MPH		
Based on STOPPING Sight Distance			
Height Of Eye	<u>3.5 ft.</u>	Height of object	<u>2.0 ft.</u>
Design Speed not achieved at:			
STA.	<u>                    </u>	TO STA.	<u>                    </u> MPH
STA.	<u>                    </u>	TO STA.	<u>                    </u> MPH
Classification	<u>URBAN MAJOR COLLECTOR</u>		
Turning Lanes	<u>2 @ 11' Each</u>		
Turning Lanes	<u>12' RT TURN</u>		

DESIGNERS	B. SCOTT, M. GOPLIN, N. BRUNO, S. HOHENSTEIN, P. BARDEN
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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.

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: XX/XX/2022 Reg. #:                     

Approved: St. Louis County Highway Engineer \_\_\_\_\_ Date: \_\_\_\_\_

Approved: MNDOT District Transportation Engineer \_\_\_\_\_

Approved: MNDOT District Materials Engineer \_\_\_\_\_

Approved: MNDOT District Water Resources / Hydraulics Engineer \_\_\_\_\_ Date: \_\_\_\_\_

Approved: MNDOT District Traffic Engineer \_\_\_\_\_ Date: \_\_\_\_\_

District State Aid Engineer: Reviewed for compliance  
with State Aid rules/policy

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

CP 0056-493050/SAP 069-656-020

SHEET 1 OF XX SHEETS