

DESIGN DESIGNATION  
STA. 1+48 TO STA. 95+97

FUNTIONAL CLASSIFICATION	MAJOR COLLECTOR
R-VALUE	40
ΣN-18	31,920
NO. & WIDTH OF TRAFFIC LANES	3 & 12 ft
NO. & WIDTH OF PARKING LANES	0
ADT (PRESENT YEAR) 2023	5,610
ADT (PROJECTED YEAR) 2043	6,171
HCA DT (PROJECTED YEAR) 20XX	4.10%
DESIGN SPEED	45 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	

DESIGN DESIGNATION - MULTIUSE TRAIL  
DESIGN SPEED 20 MPH  
DESIGN SPEED NOT ACHIEVED AT: N/A  
DESIGN SPEED FOR TRAIL BASED ON  
STOPPING SIGHT DISTANCE:  
HEIGHT OF EYE = 4.5 FT  
HEIGHT OF OBJECT = 0.0 FT

MINNESOTA DEPARTMENT OF TRANSPORTATION  
CITY OF FARMINGTON  
DAKOTA COUNTY, MINNESOTA

CONSTRUCTION PLAN FOR: GRADING, AGGREGATE BASE, PLANT MIXED BITUMINOUS PAVEMENT, CONCRETE CURB AND GUTTER, ADA IMPROVEMENTS, BITUMINOUS RECLAMATION, TRAIL MAINTENANCE, STORM SEWER, AND RELATED APPURTENANCES  
SAP 212-112-004 LOCATED ON AKIN RD. FROM CSAH 50 TO 650' SOUTH OF CSAH 64 (GEOGRAPHICAL DESCRIPTION)

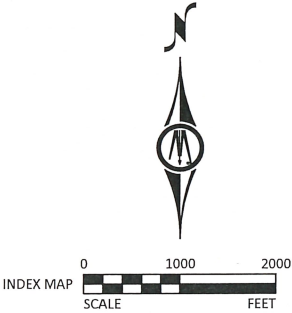
(SAP 212-112-004)			
GROSS LENGTH	9,449 FEET	1.780 MILES	
BRIDGE LENGTH	N/A FEET	N/A MILES	
EXCEPTION LENGTH	N/A FEET	N/A MILES	
NET LENGTH	9,449 FEET	1.780 MILES	

LENGTH AND DESCRIPTION BASED UPON  
PROPOSED AKIN RD. CENTERLINE

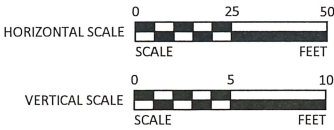


END PROJECT: SAP 212-112-004  
STA. 95+97.6

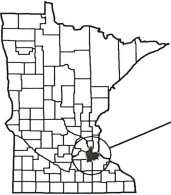
VICINITY MAP



TYPICAL PLAN SCALE  
UNLESS OTHERWISE NOTED:



PROJECT LOCATION



CITY: FARMINGTON  
COUNTY: DAKOTA  
DISTRICT: METRO

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 C/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

--- GOVERNING SPECIFICATIONS ---  
THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION  
"STANDARD SPECIFICATION FOR CONSTRUCTION" DATED SEPTEMBER 2022 SHALL GOVERN.

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM AND BE INSTALLED IN ACCORDANCE WITH THE LATEST "MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MN MUTCD) AND PART VI, THE LATEST "FIELD MANUAL" FOR TEMPORARY TRAFFIC CONTROL DEVICES.

SHEET ID	SHEET TITLE
GENERAL	
G0.01	TITLE SHEET
G0.02	LEGEND
G0.03	GENERAL NOTES
G1.01	STATEMENT OF ESTIMATED QUANTITIES
CIVIL	
C0.01 - C0.07	EXISTING CONDITIONS & REMOVALS
C1.01 - C1.10	TYPICAL SECTIONS, DETAILS, & STANDARD PLANS
C2.01 - C2.07	EROSION CONTROL
C5.01 - C5.02	STORM SEWER PLAN & PROFILE
C6.01 - C6.13	STREET PLAN & PROFILE
C9.01 - C9.21	CROSS SECTIONS

*Matthew R. Blazer*

MATTHEW R. BLAZER, 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 3/20/2023 License Number 56110

*John M. Powell*  
Approved: City of FARMINGTON Date 3.10.2023

District State Aid Engineer:  
Reviewed for compliance with State Aid Rules/Policy

Approved for State Aid Funding: State Aid Engineer



12224 NICOLLET AVENUE  
BURNSVILLE, MINNESOTA 55337  
Phone: (952) 890-0509  
Email: BurnsVille@bolton-menk.com  
www.bolton-menk.com



DESIGNED	NO.	ISSUED FOR	DATE
MRB			
DRAWN			
JA, JW, BM			
CHECKED			
MRB			
CLIENT PROJ. NO.			
011.126876			

FARMINGTON, MINNESOTA  
AKIN ROAD IMPROVEMENTS - SAP 212-112-004  
STATE AID PROJECT NO. 212-112-004

SHEET  
G0.01