

MINNESOTA DEPARTMENT OF TRANSPORTATION

CITY OF RAMSEY

ANOKA COUNTY, MINNESOTA

CITY IMPROVEMENT PROJECT #26-01

DESIGN DESIGNATION	BUNKER LAKE BOULEVARD
STA. 100+50 TO STA. 129+22.05	
FUNTIONAL CLASSIFICATION	MINOR COLLECTOR
R-VALUE	70
ΣN-18	1,581,000
NO. & WIDTH OF TRAFFIC LANES	2 & 12 ft
NO. & WIDTH OF PARKING LANES	N/A
ADT (PRESENT YEAR) 2026	4390
ADT (PROJECTED YEAR) 2046	13780
HCA DT (PROJECTED YEAR) 2046	6.10%
DESIGN SPEED	40 mph
DESIGN LOAD	10 ton
DESIGN SPEED FOR ROADWAY BASED ON ON STOPPING SIGHT DISTANCE:	
HEIGHT OF EYE = <u>3.5</u> FT	
HEIGHT OF OBJECT = <u>2.0</u> FT	

CONSTRUCTION PLAN FOR: RECLAMATION, GRADING, AGGREGATE BASE, PLANT MIXED BITUMINOUS PAVEMENT, CONCRETE CURB AND GUTTER, ADA IMPROVEMENTS, STORM SEWER, SANITARY SEWER, WATER MAIN ADJUSTMENTS, AND SIGNAL ADJUSTMENTS

SAP 100-121-003 LOCATED ON BUNKER LAKE BOULEVARD FROM 675' WEST OF JACKAL STREET TO ARMSTRONG BOULEVARD

BUNKER LAKE BOULEVARD (SAP 199-121-003)

GROSS LENGTH	3012.00 FEET	0.570 MILES
BRIDGE LENGTH	0.00 FEET	0.000 MILES
EXCEPTION LENGTH	0.00 FEET	0.000 MILES
NET LENGTH	3012.00 FEET	0.570 MILES

LENGTH AND DESCRIPTION BASED UPON PROPOSED BUNKER LAKE BLVD CENTERLINE

MINN. PROJ. NO. _____ STATE FUNDS _____

--- GOVERNING SPECIFICATIONS ---
 THE 2025 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATION FOR CONSTRUCTION" SHALL GOVERN.
 THE LATEST EDITION OF THE CITY ENGINEERS ASSOCIATION OF MINNESOTA STANDARD SPECIFICATIONS SHALL GOVERN PUBLIC UTILITY INFRASTRUCTURE CONSTRUCTION.
 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), INCLUDING THE LATEST "FIELD MANUAL" FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

SHEET NUMBER	SHEET TITLE
GENERAL	
1	TITLE SHEET
2	LEGEND
3	STATEMENT OF ESTIMATED QUANTITIES
4	TABULATIONS
CIVIL	
5-15	TYPICAL SECTIONS & DETAILS
16	ALIGNMENT PLAN & TABULATION
17	TRAFFIC CONTROL PLAN
18-19	REMOVALS PLAN
20-22	STORMWATER POLLUTION PREVENTION PLAN
23-24	EROSION CONTROL PLAN
25-28	CONSTRUCTION PLAN & PROFILE
29-30	STORM SEWER CATCH BASIN LEADS
31-33	INTERSECTION DETAILS
34-35	SIGNAGE & STRIPING PLAN
36-42	TRAFFIC SIGNAL SYSTEM PLAN
43-56	CROSS SECTIONS

THIS PLAN SET CONTAINS 56 SHEETS.

DRAFT

ZACHARY F. UNGL, 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.

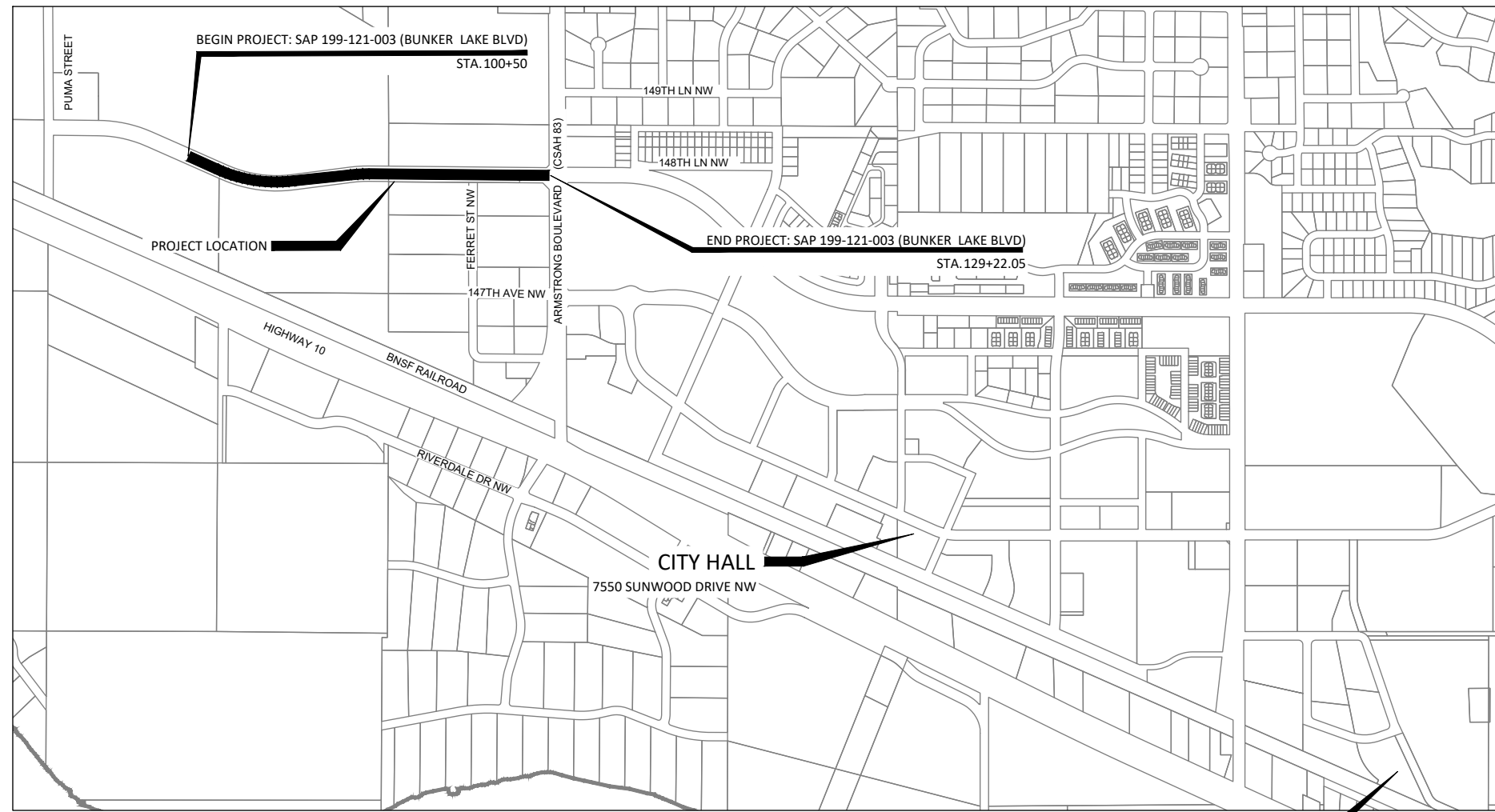
Date 12/18/2025 License Number 56344

Approved: City of Ramsey Engineer _____ Date _____

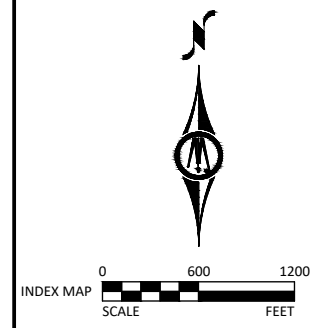
Approved: Anoka County Engineer _____ Date _____

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

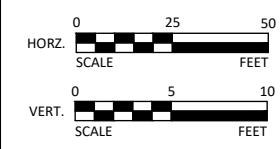
Approved for State Aid Funding: State Aid Engineer _____ Date _____



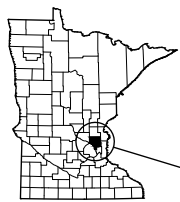
VICINITY MAP



TYPICAL PLAN SCALE UNLESS OTHERWISE NOTED:



PROJECT LOCATION



CITY: RAMSEY
 COUNTY: ANOKA: T32N R25W, S29
 DISTRICT: METRO

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-22, ENTITLED "STANDARD GUIDELINES FOR INVESTIGATING AND DOCUMENTING EXISTING UTILITIES".

PROJECT DATUM:	RECORD DRAWING INFORMATION
HORIZONTAL: ANOKA COUNTY COORDINATES (1996 ADJUSTMENT)	OBSERVER:
VERTICAL: NGVD 88	CONTRACTOR:
	DATE:



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 RAMSEY, MN 55303
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 Email: Ramsey@bolton-menk.com
 www.bolton-menk.com



DESIGNED	NO.	ISSUED FOR	DATE
ZFL			
DRAWN			
JMB			
CHECKED			
ZFL			
CLIENT PROJ. NO. 26-01			

CITY OF RAMSEY, MINNESOTA		SHEET 1 OF 56
2026 BUNKER LAKE BOULEVARD RECONSTRUCTION		
STATE AID PROJECT NO. _____	199-121-003	

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