

# CITY OF RAMSEY

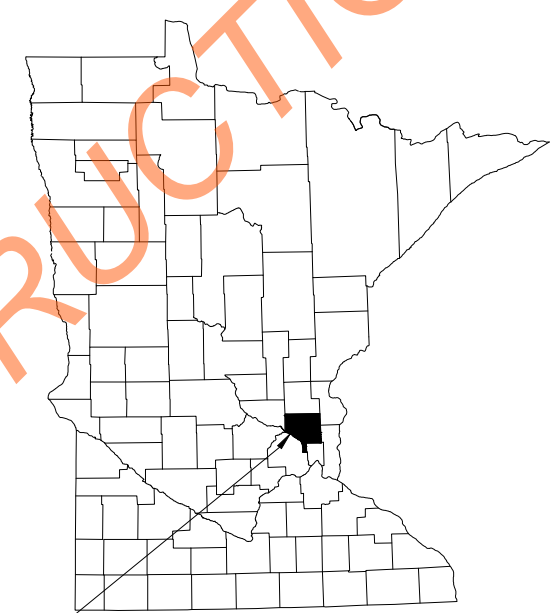
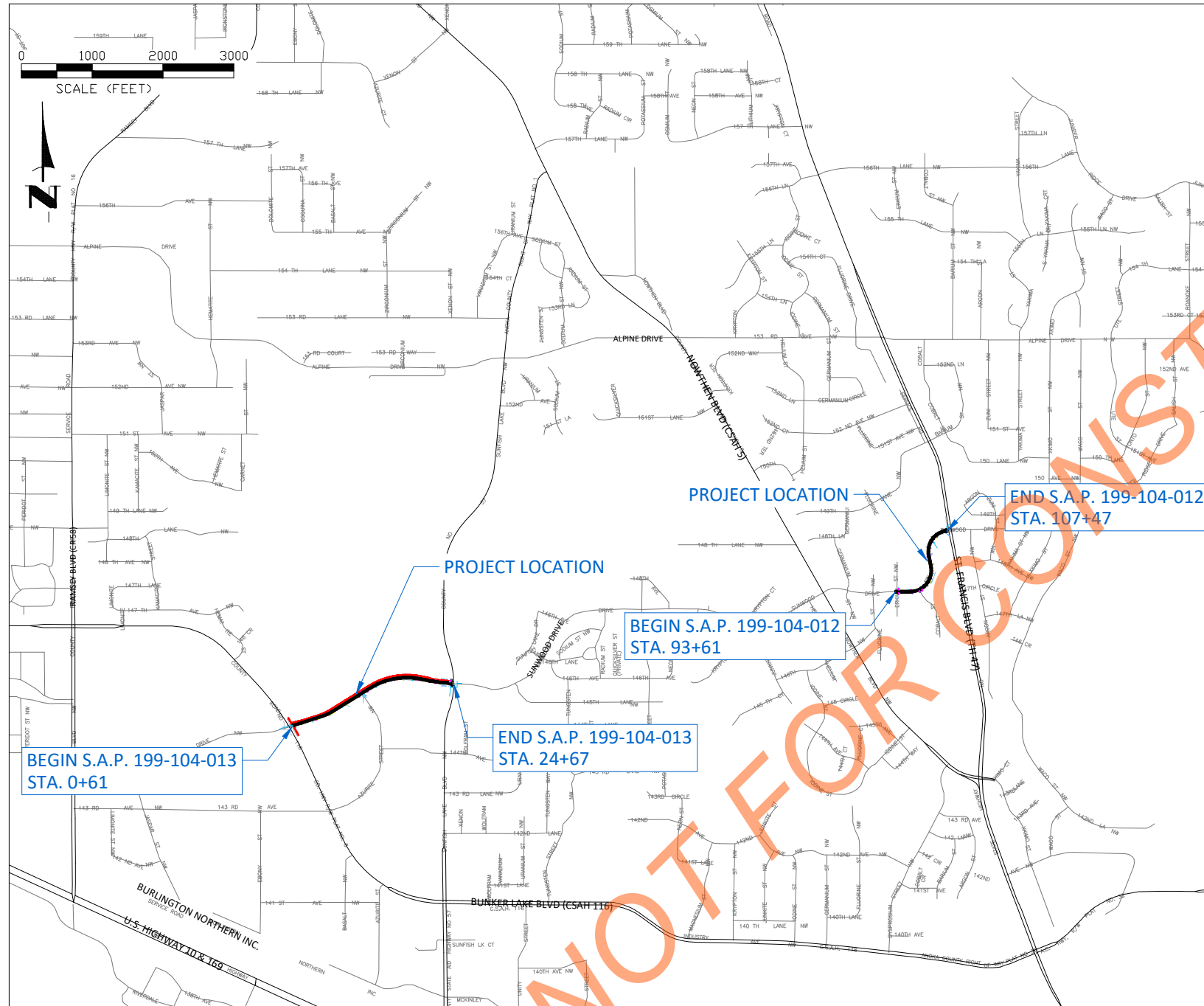
## 2021 MUNICIPAL STATE AID PAVEMENT OVERLAYS, CITY IMPROVEMENT PROJECT NO. 21-05 STREET CONSTRUCTION PLANS FOR BITUMINOUS MILLING AND PAVING.

S.A.P. 199-104-012 & S.A.P. 199-104-013

S.A.P. 199-104-012 LOCATED ON SUNWOOD DRIVE BETWEEN ERKIUM STREET AND ST. FRANCIS BOULEVARD (TH 47)

S.A.P. 199-104-013 LOCATED ON SUNWOOD DRIVE BETWEEN BUNKER LAKE BOULEVARD (CSAH 116) AND SUNFISH LAKE BOULEVARD (CR 57)

FROM NW 1/4 OF THE SE 1/4 OF S27, T32, R25 TO NE 1/4 OF THE NW 1/4 OF S25, T32, R25



CITY OF RAMSEY  
ANOKA COUNTY, MINNESOTA  
DISTRICT: METRO

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY 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."

NOTE: EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION AS REQUIRED BY STATE LAW. NOTIFY GOPHER STATE ONE CALL 1-800-252-1166 OR 651-454-0002



### GOVERNING SPECIFICATIONS

THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

ALL FEDERAL, STATE AND LOCAL LAWS, REGULATIONS AND ORDINANCES SHALL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

#### SHEET INDEX

THIS PLAN CONTAINS 17 SHEETS

SHEET NO.	DESCRIPTION
01	TITLE SHEET
02	STATEMENT OF ESTIMATED QUANTITIES
03	TYPICAL SECTION
04	CITY DETAILS
05 - 10	MINDOT PED RAMP DETAILS
11 - 13	BITUMINOUS MILL & OVERLAY - SUNWOOD DRIVE (CSAH 116 TO CR 57)
14 - 15	BITUMINOUS MILL & OVERLAY - SUNWOOD DRIVE (ERKIUM STREET TO TH 47)
16	PAVEMENT MARKING PLAN - SUNWOOD DRIVE (CSAH 116 TO CR 57)
17	PAVEMENT MARKING PLAN - SUNWOOD DRIVE (ERKIUM STREET TO TH 47)

I hereby certify that this plan, specification, or report 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.

JOE FERIANCEK, P.E. 57095 LIC. NO. DATE 2/25/21  
 APPROVED: Bruce Wasy CITY ENGINEER, CITY OF RAMSEY DATE 3/11/21

PROJECT	STA. TO STA.	GROSS LENGTH	BRIDGE LENGTH	NET LENGTH	NET LENGTH (MILES)	ADT (2021)	ADT (2041)	DESIGN ESAL	R VALUE	TON DESIGN	DESIGN SPEED	DESIGN SPEED NOT MET	NUMBER OF LANES	WIDTH OF LANES	NUMBER OF SHOULDERS	WIDTH OF LANES	FUNCTIONAL CLASSIFICATION
S.A.P. 199-104-012 SUNWOOD DRIVE	93+61 TO 107+47	1386 FT	0 FT	1386 FT	0.26 MI	710	781	82000	60	9	30 MPH	N/A	2	12	2	8'	COLLECTOR
S.A.P. 199-104-013 SUNWOOD DRIVE	0+61 TO 24+67	2406 FT	0 FT	2406 FT	0.46 MI	1130	1243	131000	60	9	30 MPH	N/A	2	12	2	8'	COLLECTOR

CITY OF RAMSEY  
7550 SUNWOOD DRIVE  
RAMSEY, MN 55303  
(763) 427-1410 FAX (763) 433-9898

STOPPING SIGHT DISTANCE BASED ON:  
3.5 FT - HEIGHT OF EYE  
2.0 FT - HEIGHT OF OBJECT

DATUM:  
VERTICAL: NAVD 88  
HORIZONTAL: ANOKA COUNTY COORDINATES (1996 ADJUSTMENT)

SAP 199-104-012  
SAP 199-104-013

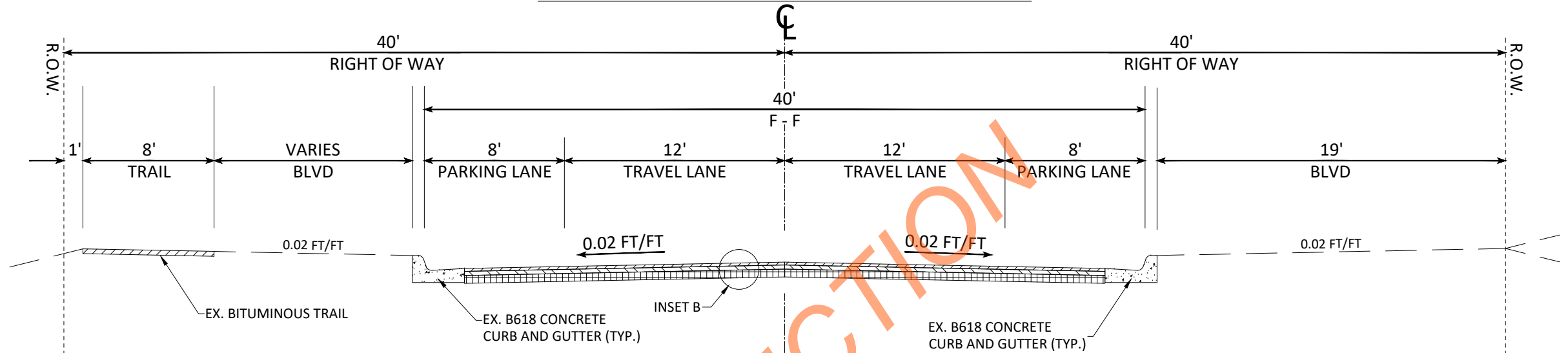
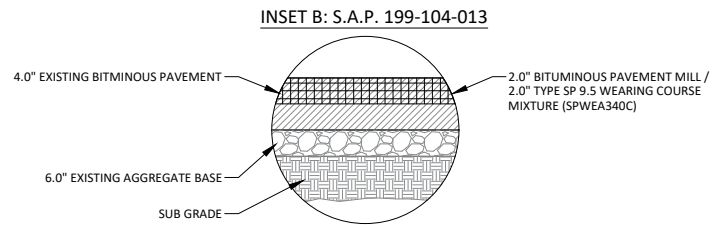
DATE	REVISION
3/11/21	UPDATE NOTES & TYPICAL SECTION

DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE AID RULES/POLICY

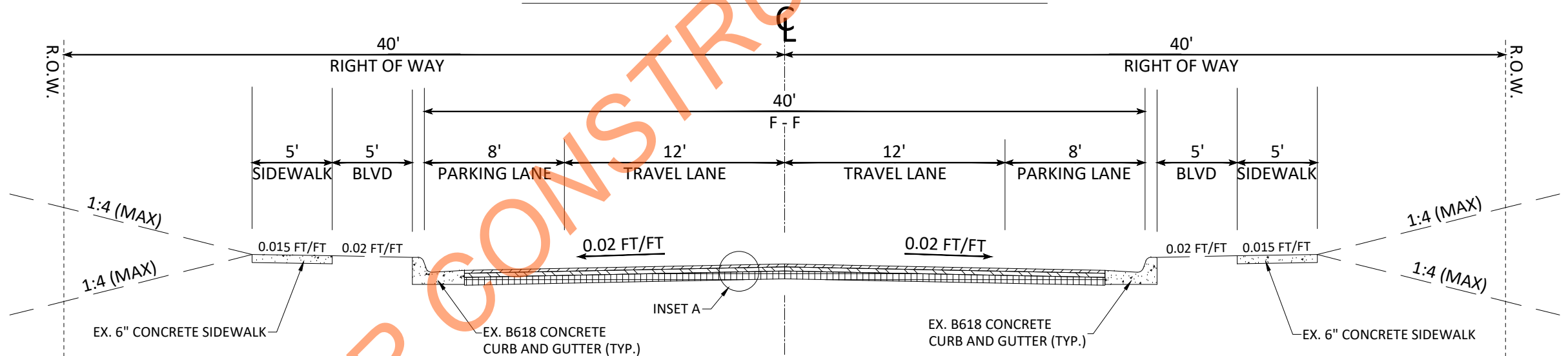
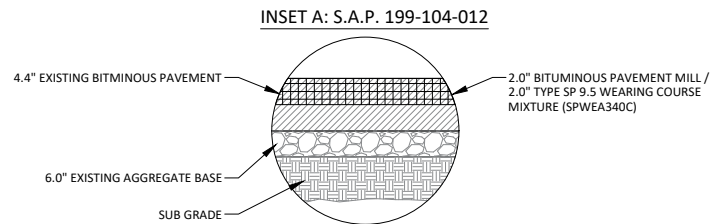
STATE AID ENGINEER: APPROVED FOR STATE AID FUNDING

Mar 11, 2021 - 2:47pm G:\Engineering\AutoCad Dwg\Projects N-Z\Overlays\21-05 2020 MSA Overlay Program\Plan Drawings\21-05 Title Sheet.dwg

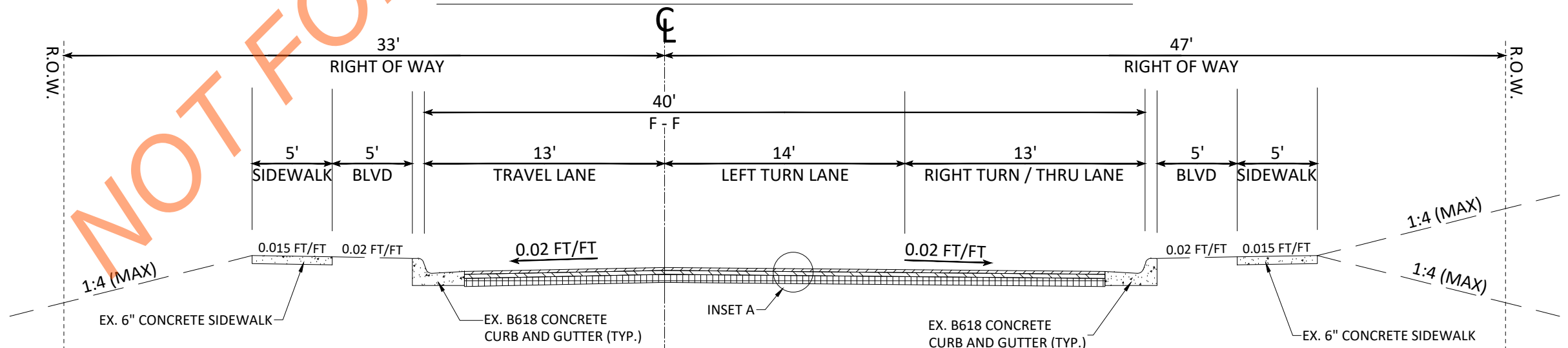
### SUNWOOD DRIVE STA. 0+61 TO 24+67



### SUNWOOD DRIVE STA. 93+61 TO 105+98



### SUNWOOD DRIVE TURN LANE STA. 105+95 TO 107+47



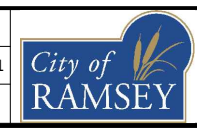
DATE	REVISION
3/11/21	ADD TYPICAL SECTION

I hereby certify that this plan, specification, or report 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

*Joe Feriancek*  
 JOE FERIANCEK  
 Date 2/25/21 Lic. No. 57095

DESIGNED BY: JJF  
 DRAWN BY: JJF  
 CHECKED BY: LLL

DATE: 3/11/21  
 FILE: 21-05



CITY OF RAMSEY  
 7550 SUNWOOD DRIVE  
 RAMSEY, MN 55303  
 (763) 427-1410 FAX (763) 433-9898

S.A.P. 199-104-012 & S.A.P. 199-104-013  
 TYPICAL SECTION

2021 MUNICIPAL STATE AID PAVEMENT OVERLAYS  
 CITY PROJECT NO. 21-05  
 CITY OF RAMSEY, MINNESOTA