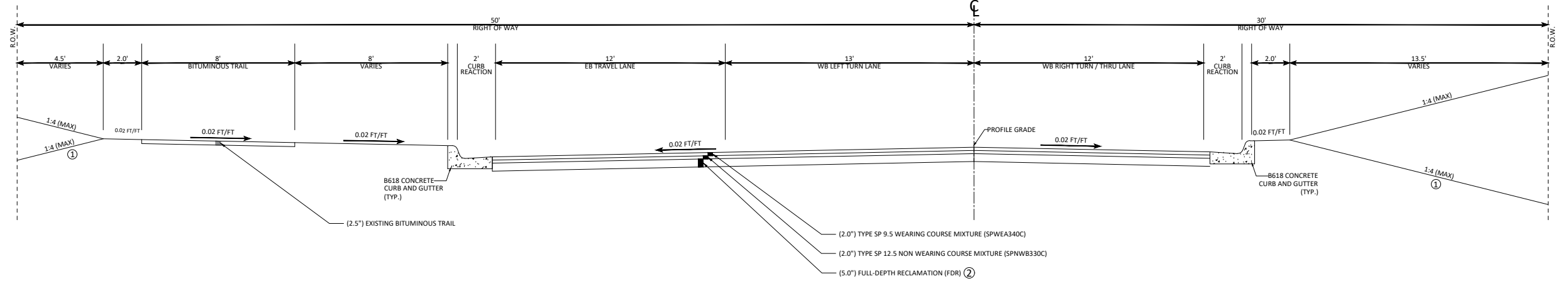
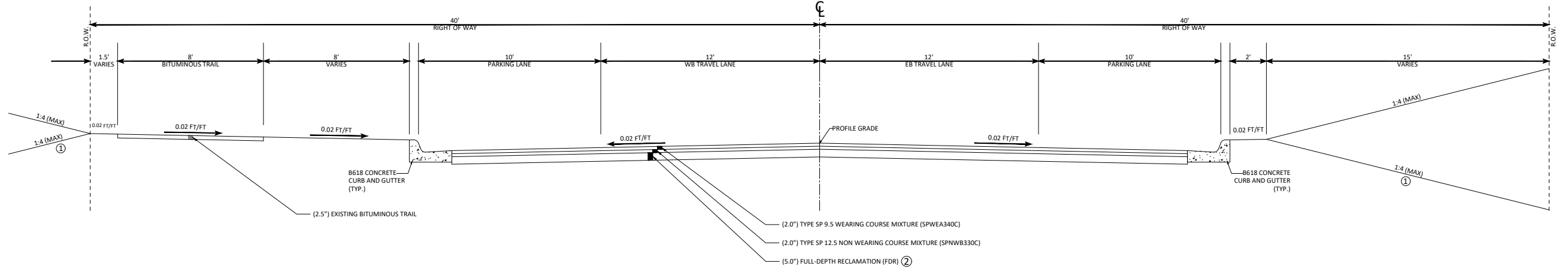


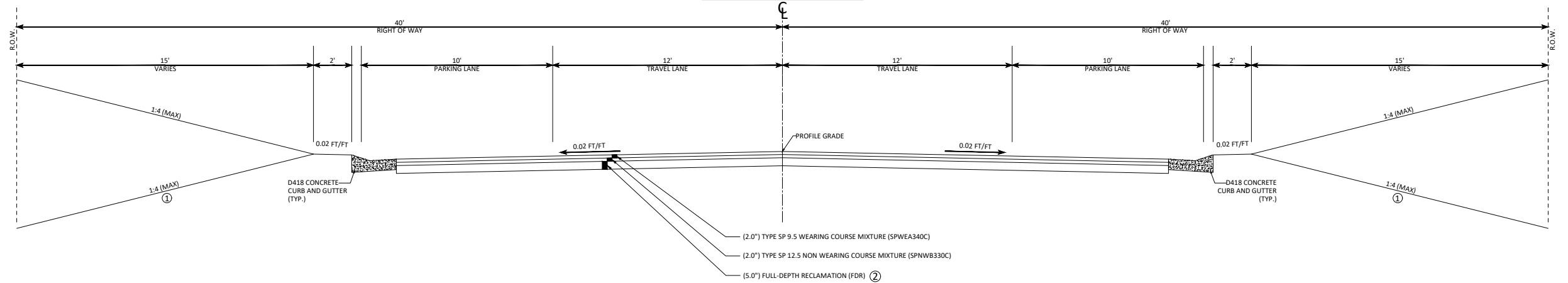
TYPICAL SECTION: SUNWOOD DRIVE TURN LANE STA. 0+33 TO 1+50



TYPICAL SECTION: SUNWOOD DRIVE STA. 1+50 TO 18+09



TYPICAL SECTION: WACO STREET



PAVEMENT DESIGN:  
S.A.P. 199-105-006  
20 YR DESIGN LANE BESALS: 205,000  
DESIGN R-VALUE: 50

MINIMUM REQUIRED  
MINIMUM BIT (GE) 7.00  
MIN. AGG. BASE (GE) 3.53  
TOTAL REQUIRED GE 10.53

PROPOSED DESIGN  
WEARING COURSE (2.0") 4.50  
NON-WEAR COURSE (2.0") 4.50  
FDR UNSTABILIZED (5.0") 5.00  
TOTAL DESIGN GE 14.00

PAVEMENT DESIGN:  
S.A.P. 199-111-003  
20 YR DESIGN LANE BESALS: 117,000  
DESIGN R-VALUE: 50

MINIMUM REQUIRED  
MINIMUM BIT (GE) 7.00  
MIN. AGG. BASE (GE) 3.88  
TOTAL REQUIRED GE 10.00

PROPOSED DESIGN  
WEARING COURSE (2.0") 4.50  
NON-WEAR COURSE (2.0") 4.50  
FDR UNSTABILIZED (5.0") 5.00  
TOTAL DESIGN GE 14.00

REFERENCE NOTES:

① GRADE TO MATCH EXISTING GROUND. ESTABLISH TURF USING A MINIMUM OF 4" TOPSOIL AND HYDROSEED WITH MNDOT SEED MIXTURE 25-151. SEE CITY DETAIL ERO-6 FOR TOPSOIL REQUIREMENTS.

② CONTRACTOR SHALL SCARIFY AND COMPACT, ACCORDING TO THE SPECIFIED DENSITY METHOD, THE TOP 12 INCHES OF MATERIAL PRIOR TO PLACING CLASS 5 AGGREGATE BASE. THIS PROCESS SHALL BE INCIDENTAL TO THE SUBGRADE PREPARATION PAY ITEM.

NOTE: NOT TO SCALE

DATE	REVISION

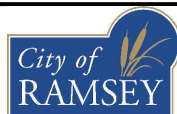
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

**DRAFT**

JOE FERIANCEK  
Date: 1/31/22 Lic. No. 57095

DESIGNED BY: JJF  
DRAWN BY: JJF  
CHECKED BY: ---

DATE: 1/31/22  
FILE: 22-01



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

TYPICAL SECTION  
S.A.P. 199-105-006 & S.A.P. 199-111-003

SUNWOOD DRIVE & WACO STREET RECONSTRUCTION  
CITY PROJECT NO. 22-01  
CITY OF RAMSEY, MINNESOTA

SHEET 05 OF 26 SHEETS