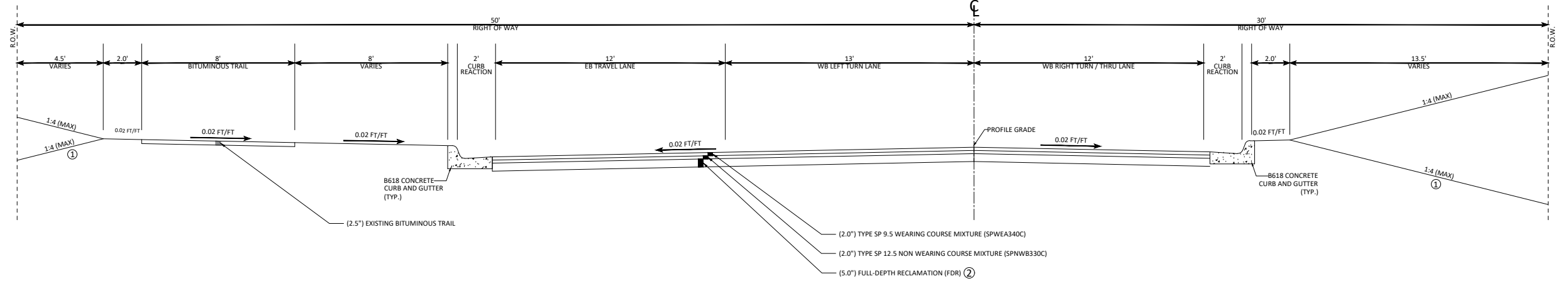
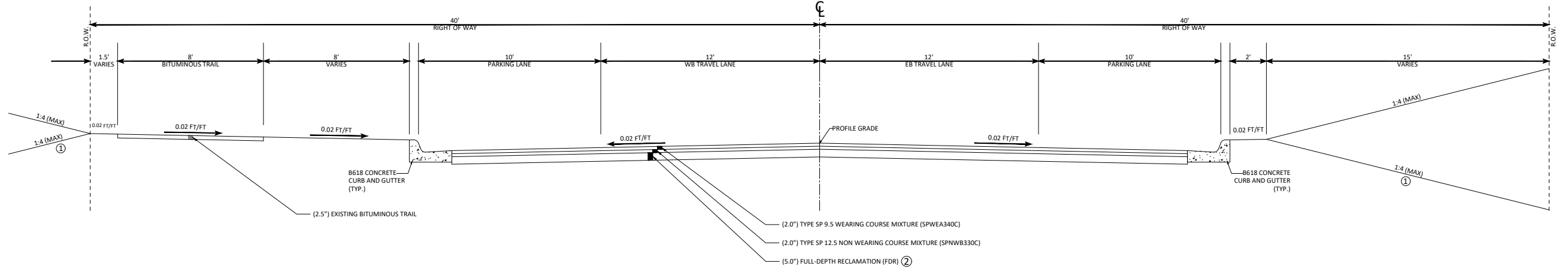


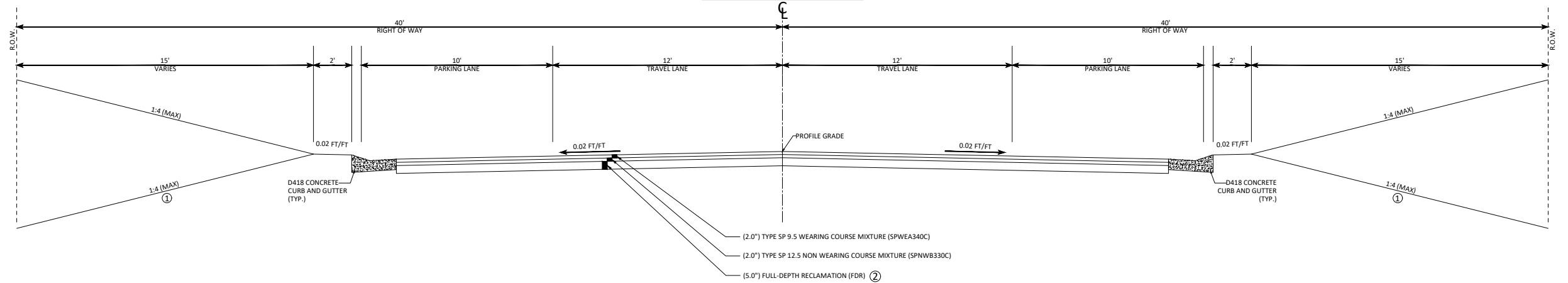
TYPICAL SECTION: SUNWOOD DRIVE TURN LANE STA. 0+33 TO 1+50



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

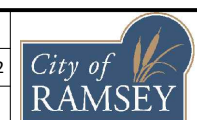
DATE	REVISION

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

Joe Feriancek
JOE FERIANCEK
Date 3/11/22 Lic. No. 57095

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

DATE: 3/10/22
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