6/2/99

PROJECT REFERENCE NO.	SHEET NO.
A-0009CC	2A-1

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 35018 JIMMY L. TERRY
DocuSigned by: Jimmy Terry
FD39F38882E94D0...
11/14/2022

PAVEMENT DESIGN ENGINEER
SEAL 041986 D. MATTHEW BREWER
DocuSigned by: Matthew Brewer
386129C0A4C1462...
11/15/2022

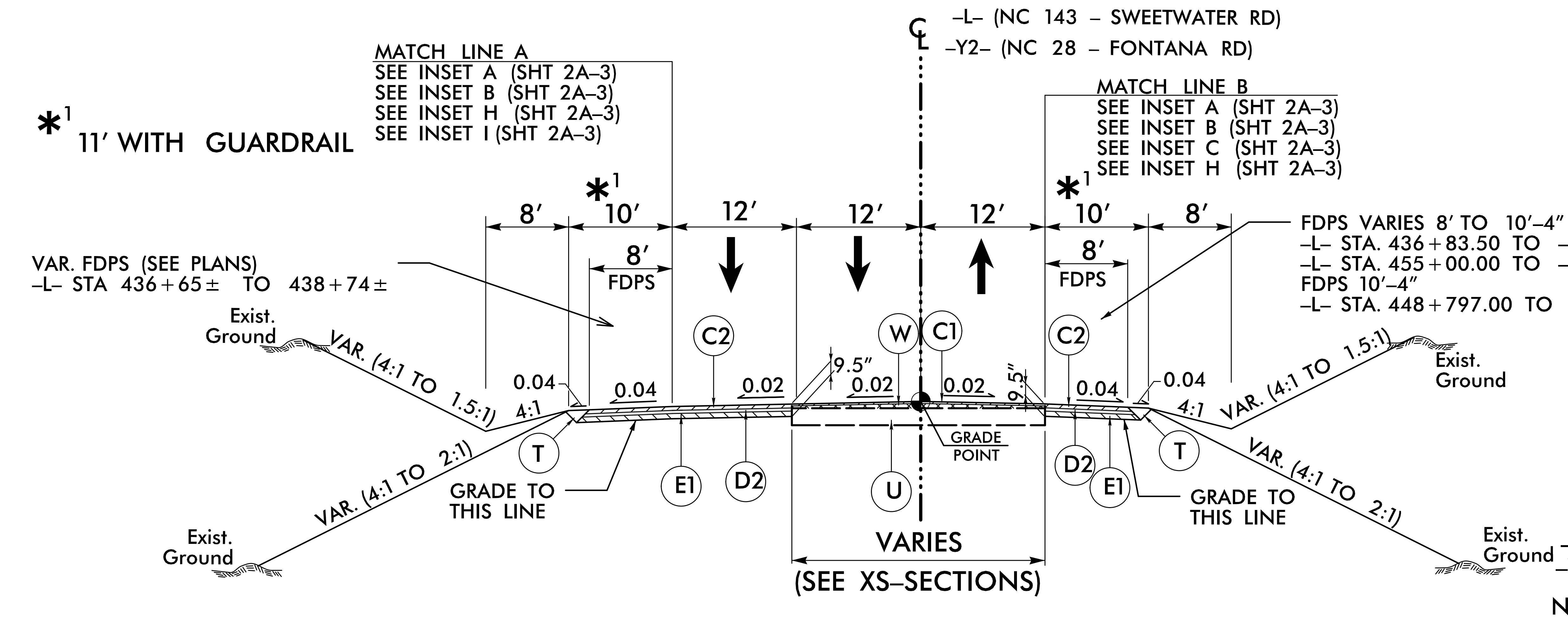
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
201 W. MARION ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

FINAL PAVEMENT SCHEDULE

C1	PROP. APPROX. 1 ½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C3	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT TO EXCEED 1 ½" IN DEPTH.
D2	PROP. APPROX. 2 ½" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D3	PROP. VAR. DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT LSSS THAN 2 ½" OR GREATER THAN 4" IN DEPTH.
E1	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT LESS THAN 3" OR GREATER THAN 5 ½" IN DEPTH.
K	CLASS IV SUBGRADE STABILIZATION
J1	PROP. 6" AGGREGATE BASE COURSE.
J2	PROP. 4" AGGREGATE BASE COURSE.
N	GEOTEXTILE FOR PAVEMENT STABILIZATION
R2	EXPRESSWAY GUTTER
R4	SHOULDER BERM GUTTER
R5	5"MONOLITHIC CONCRETE ISLAND (SURFACE-MOUNT)
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V1	MILLING, 0 TO 3" DEPTH, SEE THIS SHEET FOR DETAIL
W	WEDGING EXISTING PAVEMENT, SEE THIS SHEET FOR DETAILS
Y1	5 1/2" CONCRETE OVERLAY

PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



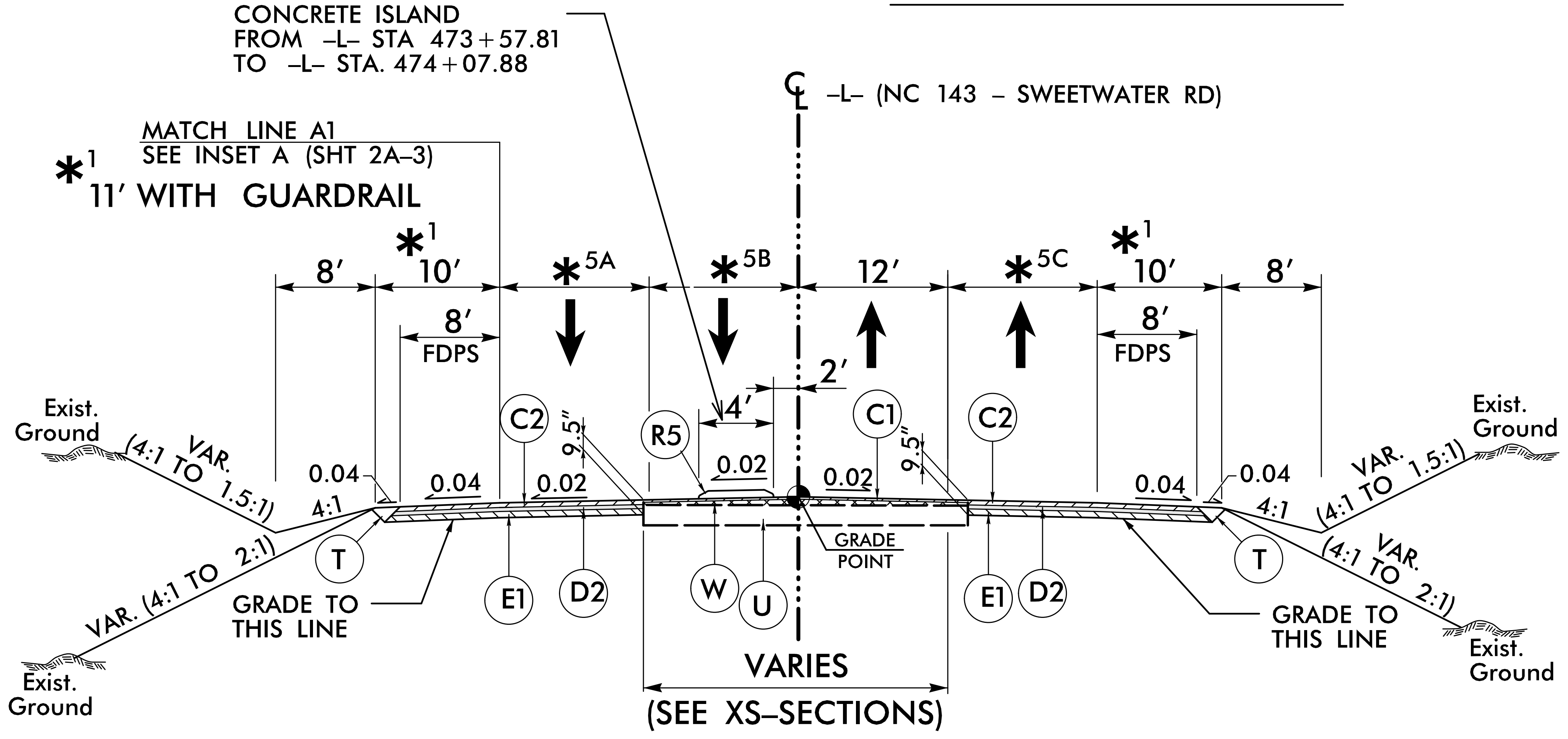
FDPS VARIES 8' TO 10'-4"
-L- STA. 436+83.50 TO -L- STA. 438+00.00
-L- STA. 455+00.00 TO -L- STA. 455+19.17
FDPS 10'-4"
-L- STA. 448+797.00 TO -L- STA. 453.+62.00

TYPICAL SECTION NO. 1

TYPICAL SECTION NO. 1

USE TYPICAL SECTION NO. 1
-L- STA. 414+50.00 TO -L- STA. 468+65.00
-Y2- STA. 23+94.34 TO -Y2- STA. 78+67.46

NOTE: USE FULL DEPTH PAVEMENT AS FOLLOWS:
-Y2- STA. 33+11.10 TO -Y2- STA. 41+50.00



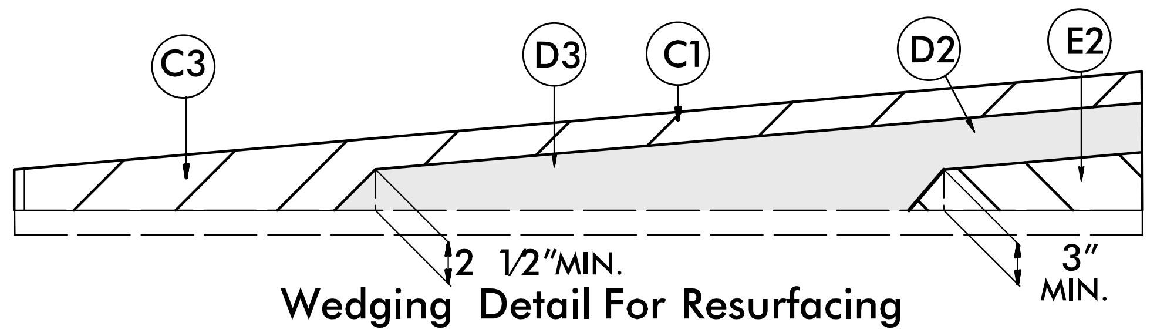
TYPICAL SECTION NO. 1A

TYPICAL SECTION NO. 1A

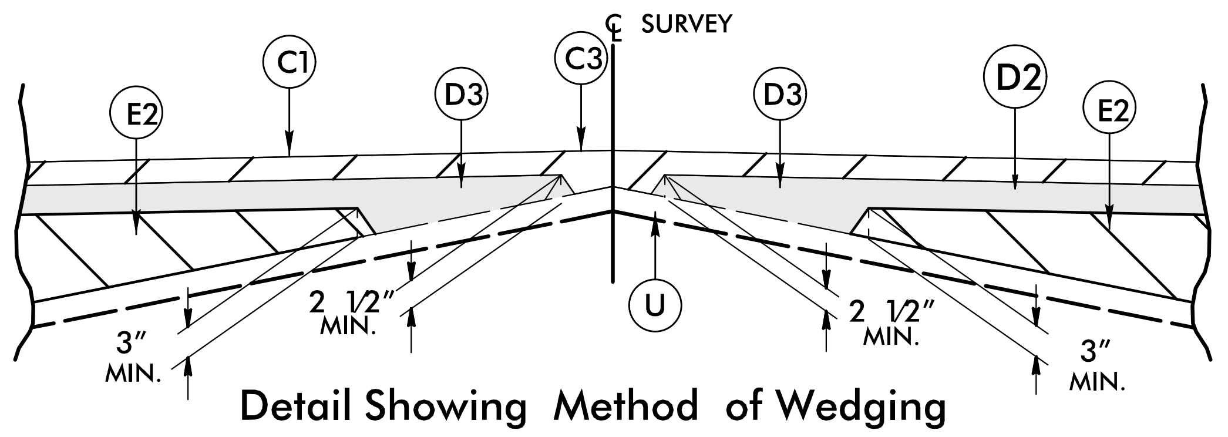
USE TYPICAL SECTION NO. 1A

-L- STA. 468+65.00 TO -L- STA. 474+19.52

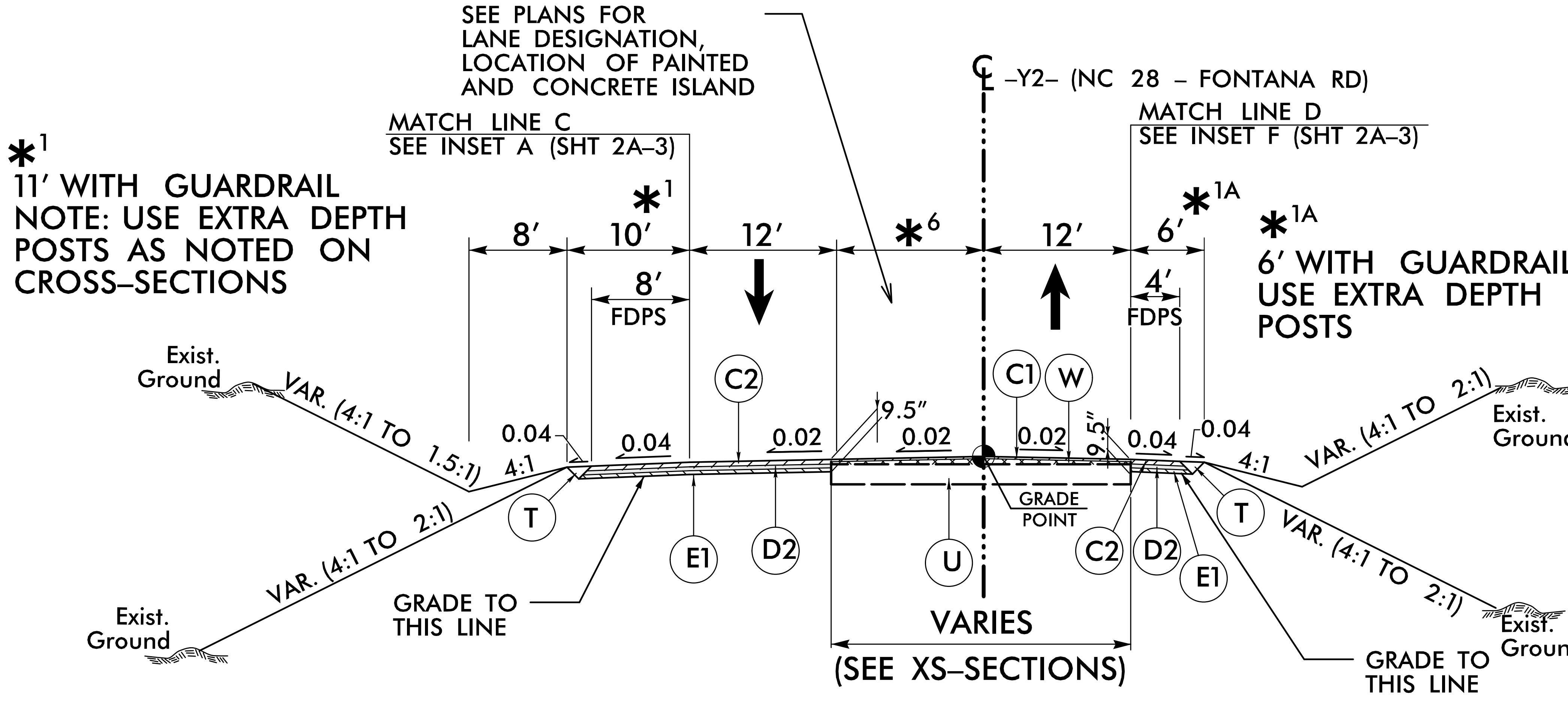
	WIDTH	STA TO STA
*5A	12' TO 0'	-L- STA. 468+65.00 TO -L- STA. 472+25.36, LT
	0'	-L- STA. 472+25.36 TO -L- STA. 474+19.52, LT
*5B	12'	-L- STA. 468+65.00 TO -L- STA. 472+25.36, LT
	12' TO 20'	-L- STA. 472+25.36 TO -L- STA. 473+57.81, LT
	20'	-L- STA. 473+57.81 TO -L- STA. 474+19.52, LT
*5C	0' TO 12'	-L- STA. 470+50.00 TO -L- STA. 471+50.00, RT
	12'	-L- STA. 471+50.00 TO -L- STA. 474+19.52, RT



Wedging Detail For Resurfacing



Detail Showing Method of Wedging



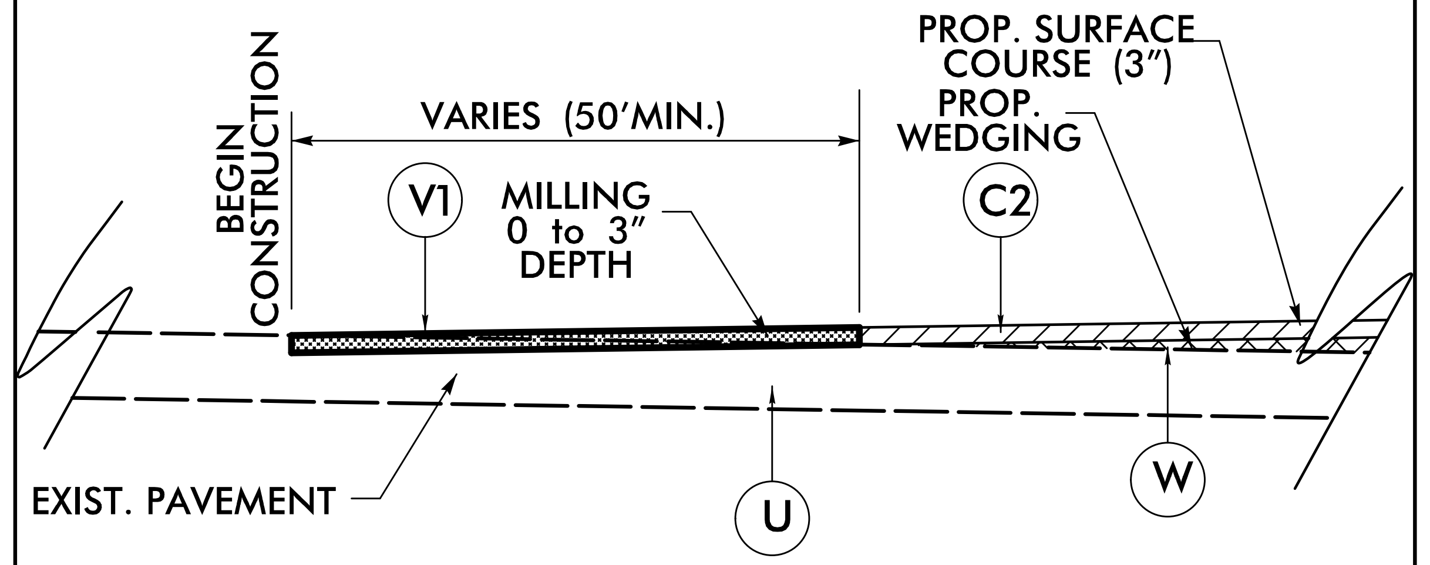
TYPICAL SECTION NO. 2

USE TYPICAL SECTION NO. 2
-Y2- STA. 13+60.00 TO -Y2- STA. 23+94.34

NOTE:
TRANSITION BETWEEN EXISTING AND TYP. SECT. NO 2 AS FOLLOWS:
-Y2- STA. 12+60.00 TO -Y2- STA. 13+60.00

	WIDTH	STA TO STA
*6	0'	-Y2- STA. 13+60.00 TO -Y2- STA. 14+32.33, LT
	0' TO 12'	-Y2- STA. 14+32.33 TO -Y2- STA. 19+72.33, LT
	12'	-Y2- STA. 19+72.33 TO -Y2- STA. 23+94.34, LT

MILLING DETAIL AT TIE-IN LOCATIONS



USE MIILLING DETAIL FOR TIE-IN LOCATIONS
-Y2- STA. 12+60.00 TO -Y2- STA. 13+60.00

NOTE:
ANYWHERE ALONG THE PROJECT IN WHICH LESS THAN 3" OF OVERLAY HAS BEEN CALLED FOR THE CONTRACTOR SHALL MILL EXISTING PAVEMENT AND PROVIDE A MINIMUM OF TWO FULL LAYERS OF S9.5C TO SATISFY RIDEABILITY REQUIREMENTS PER CONTRACT FOR -L- AND -Y2-.

11/14/2022
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User:smelvin