6/2/99

PROJECT REFERENCE NO.	SHEET NO.
U-5775	2A-1

ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER
DocuSigned by: Jimmy Terry FD39F38882E94D0... SEAL 35018 JIMMY L. TERRY 5/11/2023	DocuSigned by: Matthew Brewer 386129C0A4C1462... SEAL 041986 D. MATTHEW BREWER 5/11/2023

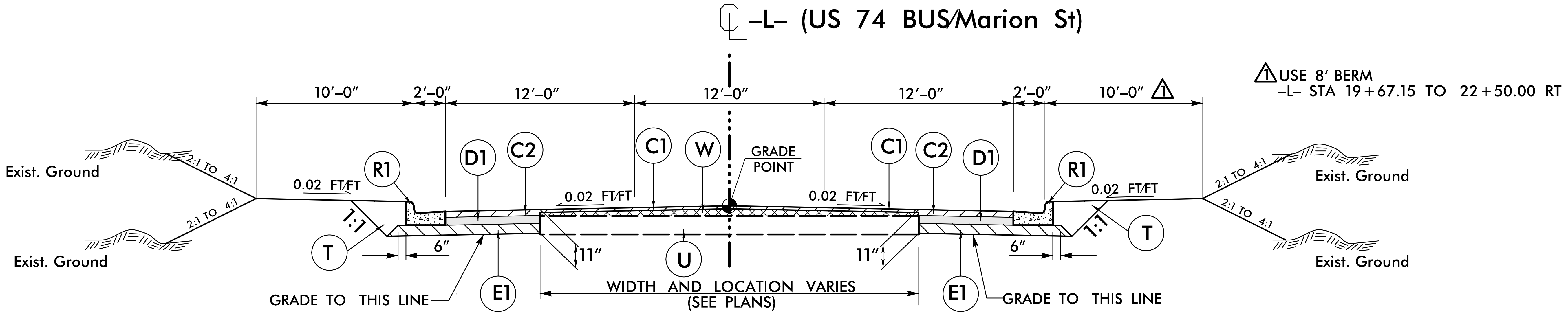
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
201 W. MARION ST, STE 200
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

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 2" IN DEPTH.
D1	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
D2	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 LESS THAN 2½" IN DEPTH 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" IN DEPTH OR GREATER THAN 5½" IN DEPTH.
R1	2'-6" CONCRETE CURB AND GUTTER.
R2	8" X 12" CONCRETE CURB
R3	5" MONOLITHIC CONCRETE ISLAND (KEYED IN)
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V	MILLING EXISTING PAVEMENT, SEE SHEET 2A-2 FOR DETAIL
W	WEDGING EXISTING PAVEMENT, SEE THIS SHEET FOR DETAILS
Y1	4" CONCRETE WITH WELDED WIRE MESH

PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



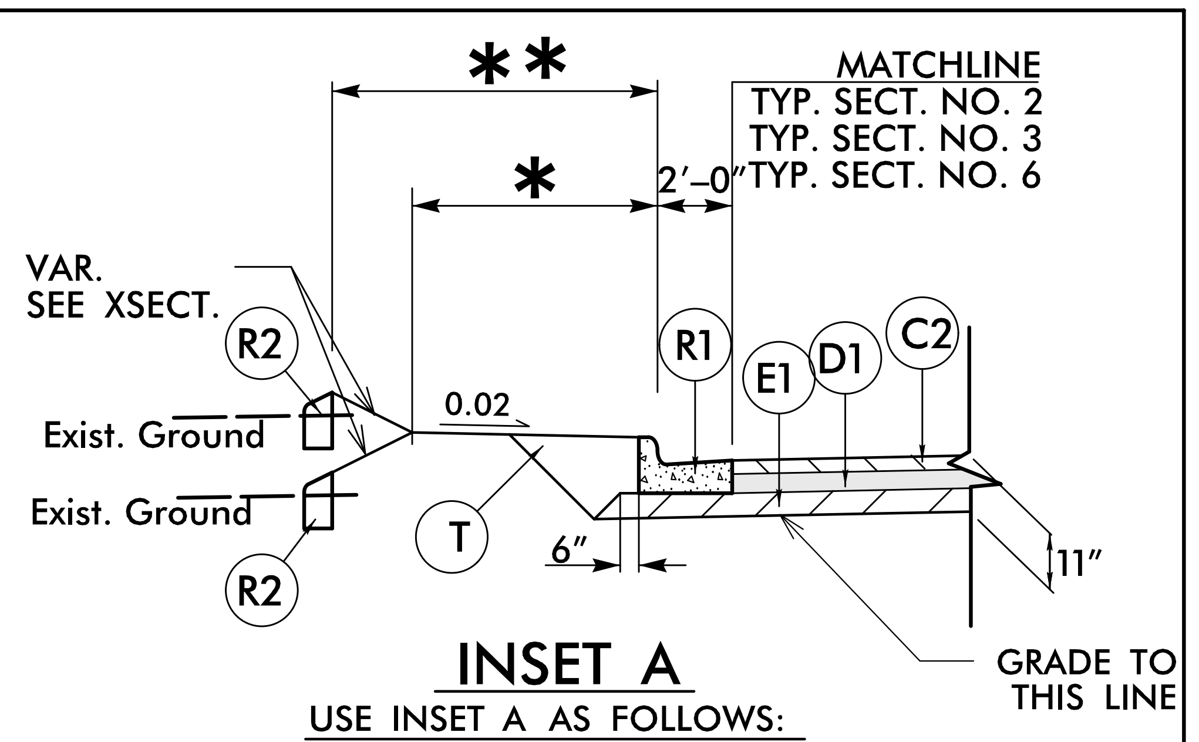
TYPICAL SECTION NO. 1

USE TYPICAL SECTION NO. 1

-L- STA. 19+67.15 TO -L- STA. 22+30.00 RT
-L- STA. 20+90.00 TO -L- STA. 23+96.13 LT

NOTE: TRANSITION BETWEEN EXISTING AND TYP. SECT. NO. 1

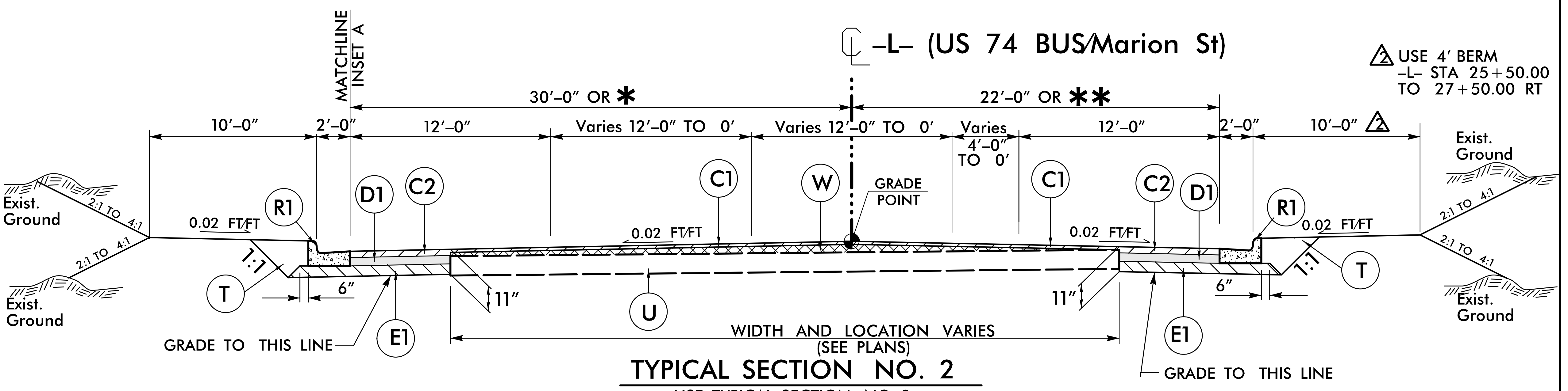
-L- STA. 19+46.00 TO -L- STA. 19+67.15 RT
-L- STA. 19+46.00 TO -L- STA. 20+90.00 LT



INSET A

USE INSET A AS FOLLOWS:

-L- STA. 22+90.98 TO -L- STA. 23+96.13 LT : * = 18.5' BERM
** = 18.5'
-L- STA. 23+96.13 TO -L- STA. 27+91.41 LT : * = 8' BERM
** = 10.5'
-Y- STA. 19+77.11 TO -Y- STA. 20+90.80 RT : * = 18.5 BERM
** = 18.5'
-Y- STA. 19+93.84 TO -Y- STA. 20+90.80 LT : * = 6' BERM
** = VARIES
-SVC- STA. 14+58.09 TO -SVC- STA. 15+10.00 LT : * = 6' BERM
** = 8.5'

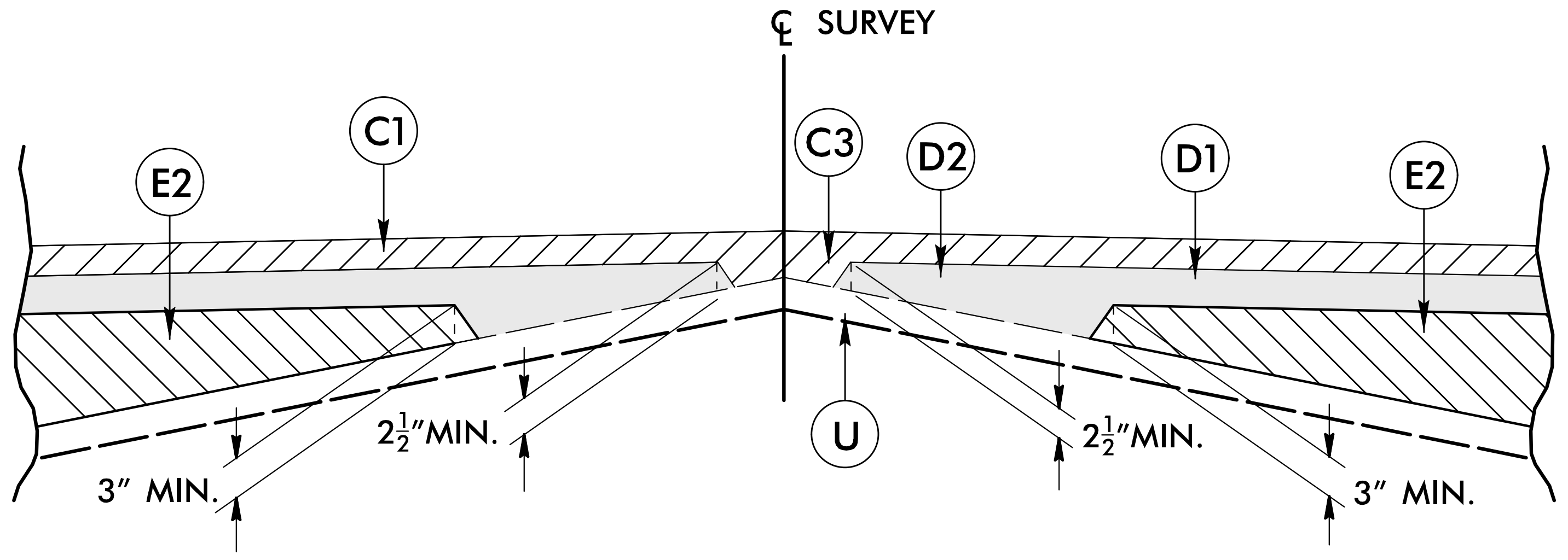


TYPICAL SECTION NO. 2

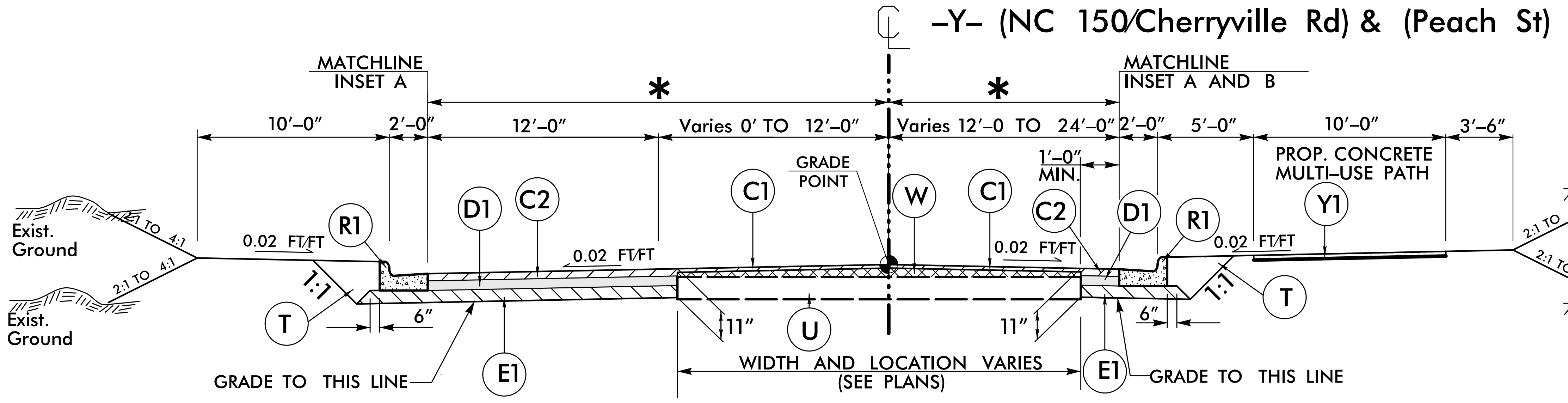
USE TYPICAL SECTION NO. 2

-L- STA. 22+30.00 TO -L- STA. 30+00.00 RT
-L- STA. 23+96.13 TO -L- STA. 30+00.00 LT

*	STA. TO STA.
30'-0"	-L- STA. 23+96.13 TO -L- STA. 27+67.00 LT
30'-0" TO 12'-0"	-L- STA. 27+67.00 TO -L- STA. 29+40.00 LT
12'-0" TO EXISTING	-L- STA. 29+40.00 TO -L- STA. 30+00.00 LT
**	
18'-0" TO 22'-0"	-L- STA. 22+30.00 TO -L- STA. 23+30.00 RT
22'-0"	-L- STA. 23+30.00 TO -L- STA. 26+74.00 RT
22'-0" TO 12'-0"	-L- STA. 26+74.00 TO -L- STA. 29+27.00 RT
12'-0" TO EXISTING	-L- STA. 29+27.00 TO -L- STA. 30+00.00 RT



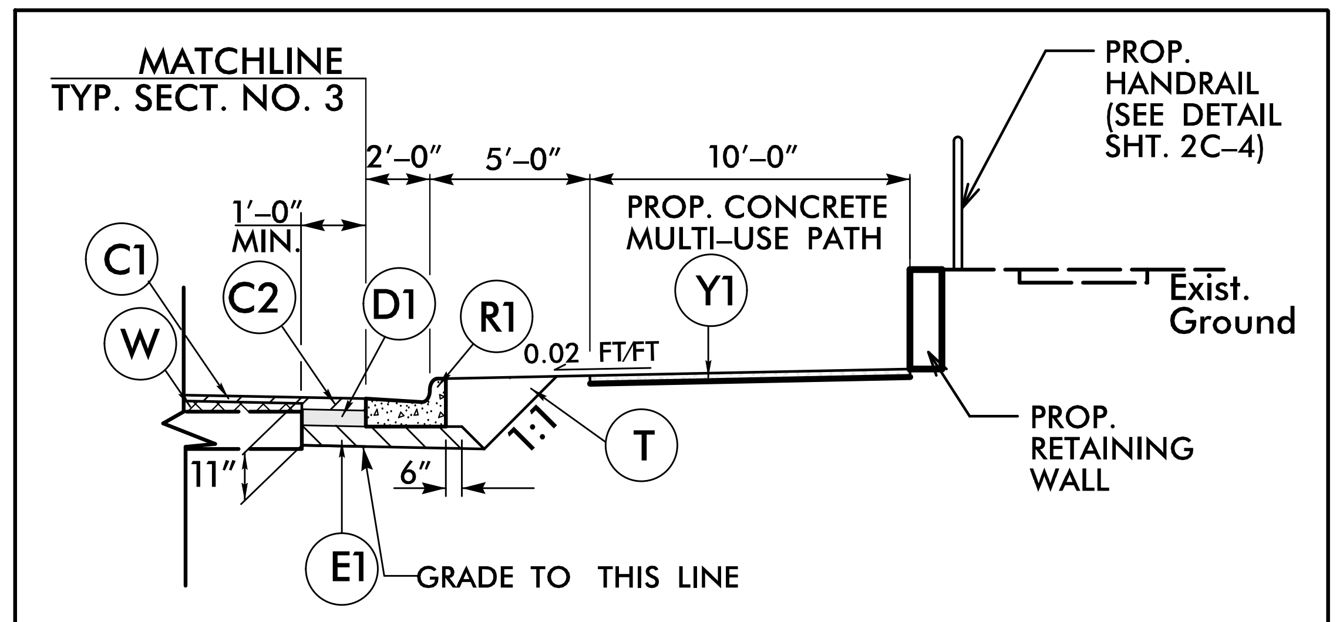
Detail Showing Method of Wedging



TYPICAL SECTION NO. 3

USE TYPICAL SECTION NO. 3

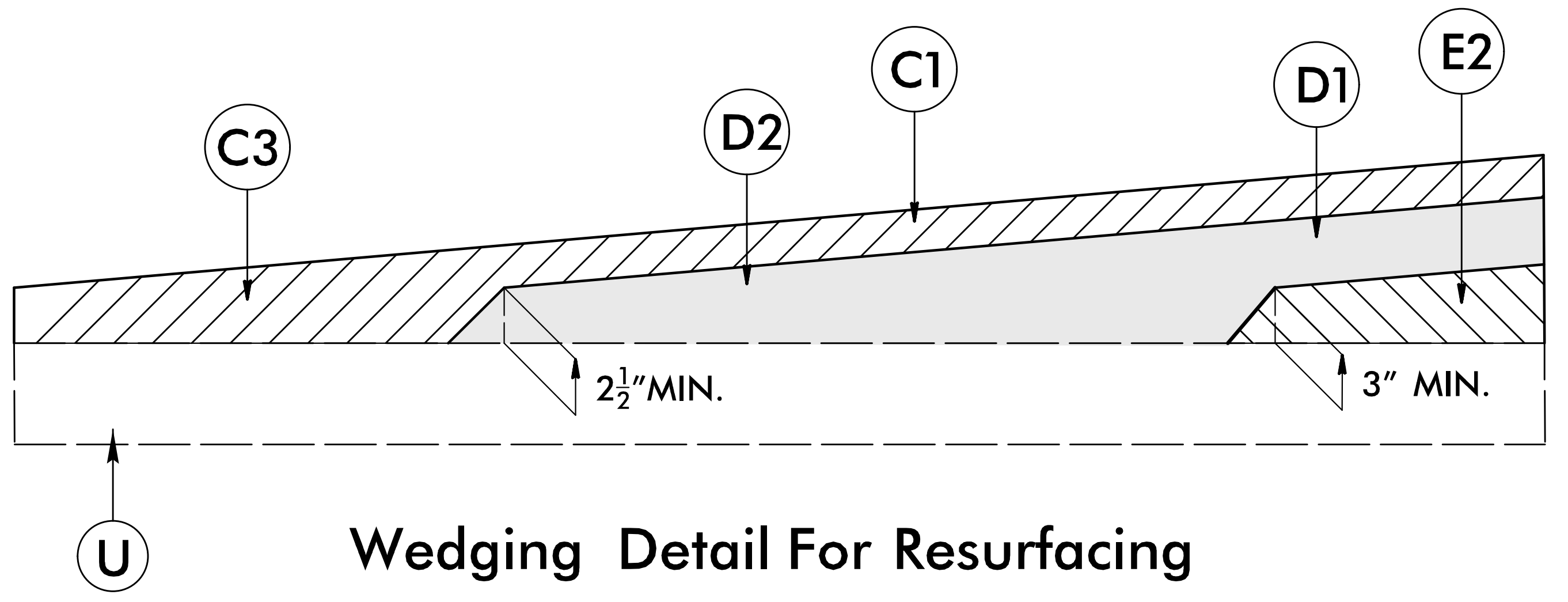
*	STA. TO STA.
12'-0" TO EXISTING	-Y- STA. 11+00.00 TO -Y- STA. 11+51.00
12'-0"	-Y- STA. 11+51.00 TO -Y- STA. 17+10.00 RT -Y- STA. 25+06.06 TO -Y- STA. 26+28.00 RT
12'-0" TO 24'-0"	-Y- STA. 11+51.00 TO -Y- STA. 14+71.00 LT -Y- STA. 17+10.00 TO -Y- STA 18+10.00 RT
24'-0"	-Y- STA. 14+71.00 TO -Y- STA. 20+90.80 LT -Y- STA. 18+10.00 TO -Y- STA. 20+90.80 RT
14'-7" TO 12'-0"	-Y- 25+58.84 TO -Y- STA. 26+28.00 LT



INSET B

USE INSET B AS FOLLOWS:

-Y- STA. 16+95+/- TO -Y- STA. 18+05+/- RT



Wedging Detail For Resurfacing

5/11/2023
X:\NCDOT\U-5775\Roadway\Proj\U-5775_Rdy_typ.dgn
User:cpruett