

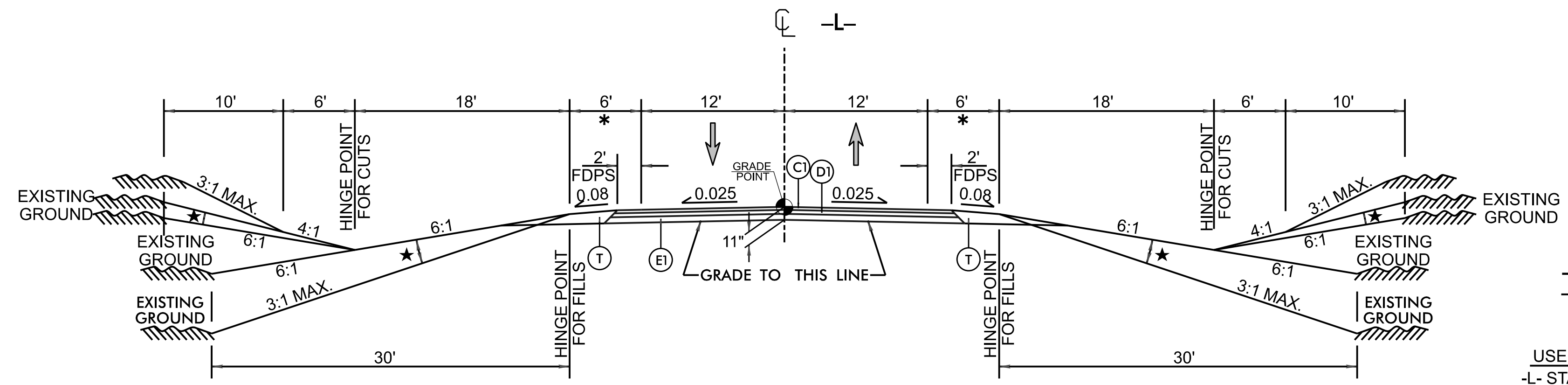
TYPICAL SECTION NO. 1

- * 11' WITH GUARDRAIL
- * VARIABLE SLOPE

USE TYPICAL SECTION NO. 1 AS FOLLOWS:

- L- STA. 12+30.00 TO 15+00.00
- L- STA. 21+00.00 TO 23+17.66

NOTE: SHOULDER WORK ONLY FOR
-L- STA. 22+96.00 TO 23+17.66

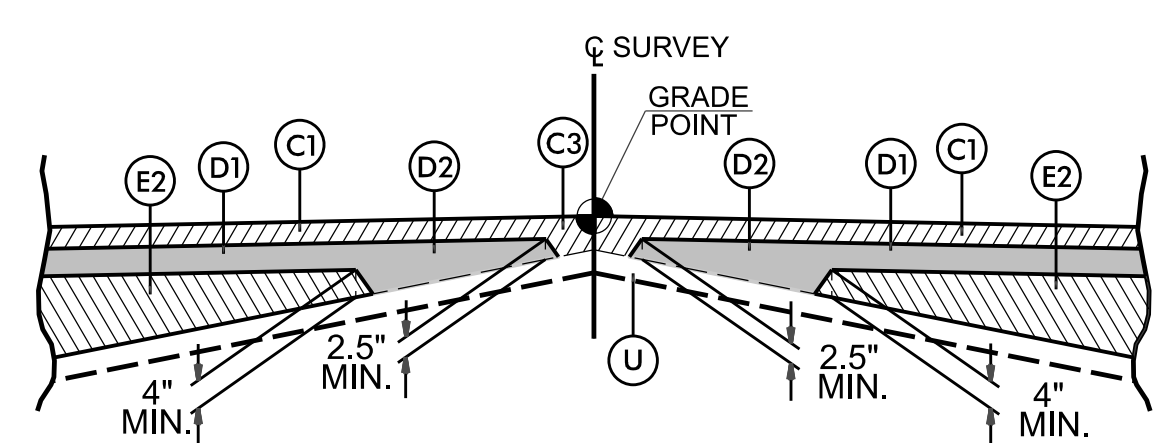


TYPICAL SECTION NO. 2

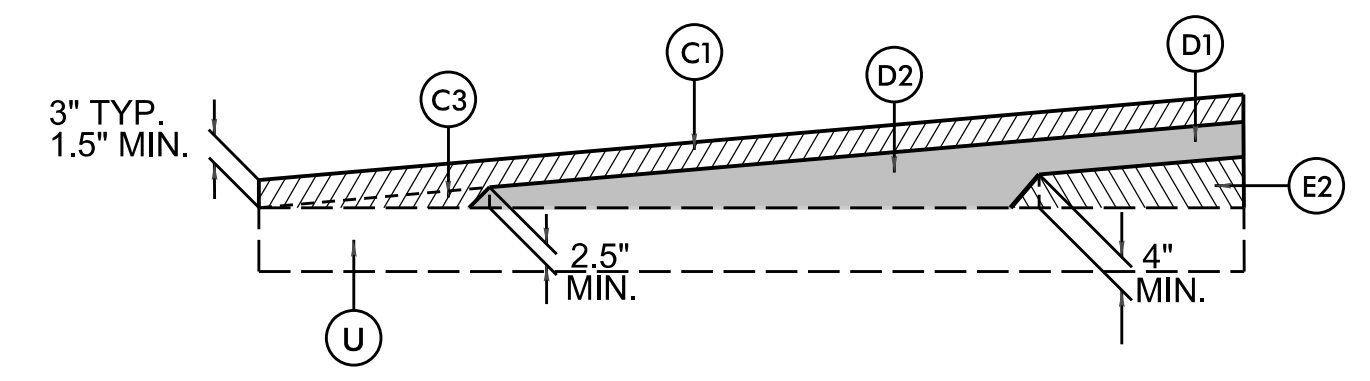
- * 11' WITH GUARDRAIL
- * VARIABLE SLOPE

USE TYPICAL SECTION NO. 2 AS FOLLOWS:

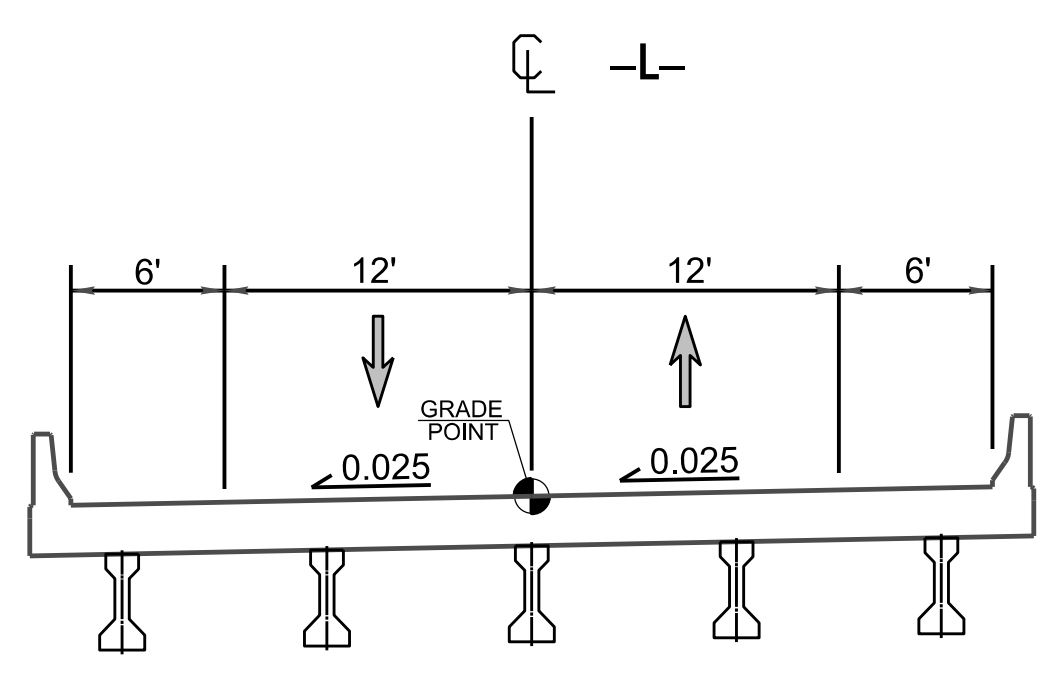
- L- STA. 15+00.00 TO 17+42.00 (BEGIN BRIDGE)
- L- STA. 19+07.00 (END BRIDGE) TO 21+00.00



DETAIL SHOWING METHOD OF WEDGING NO. 1



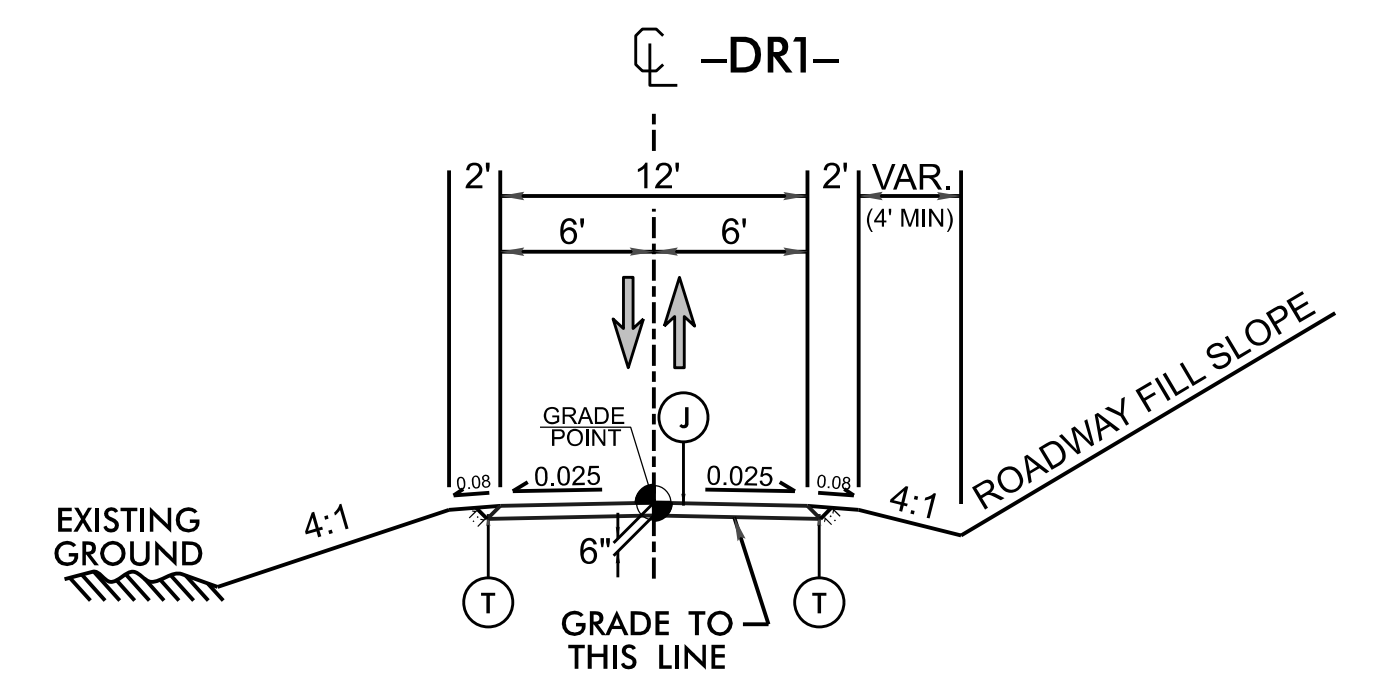
WEDGING DETAIL FOR RESURFACING



BRIDGE SKETCH NO. 1

USE BRIDGE TYPICAL SECTION AS FOLLOWS:

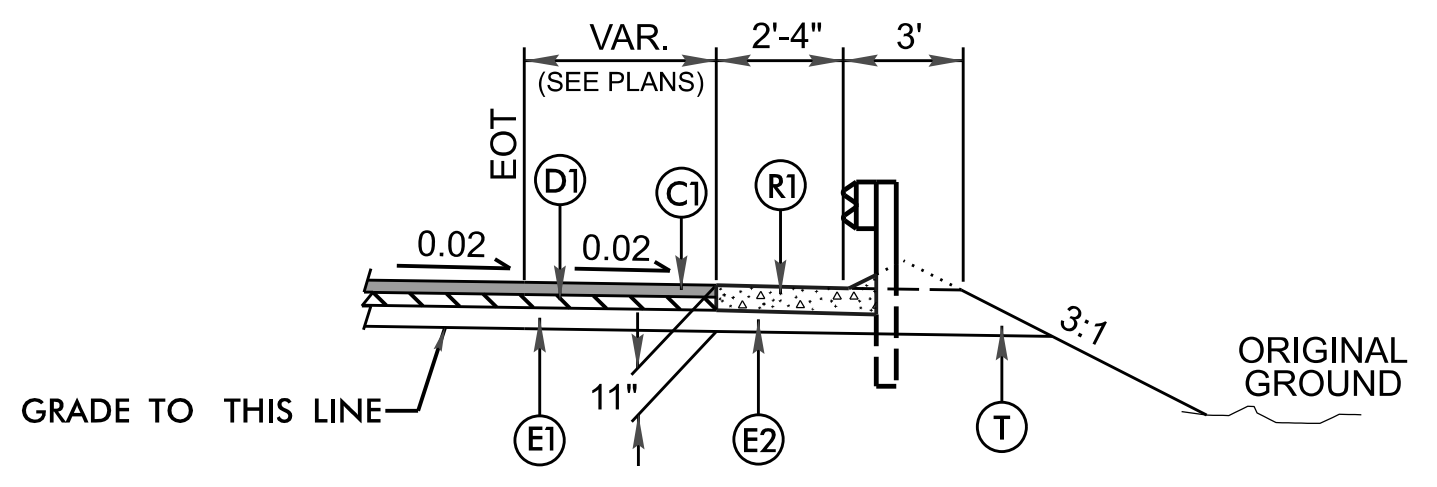
- L- STA. 17+42.00 (BEGIN BRIDGE) TO
- L- STA. 19+07.00 (END BRIDGE)



TYPICAL SECTION NO. 3

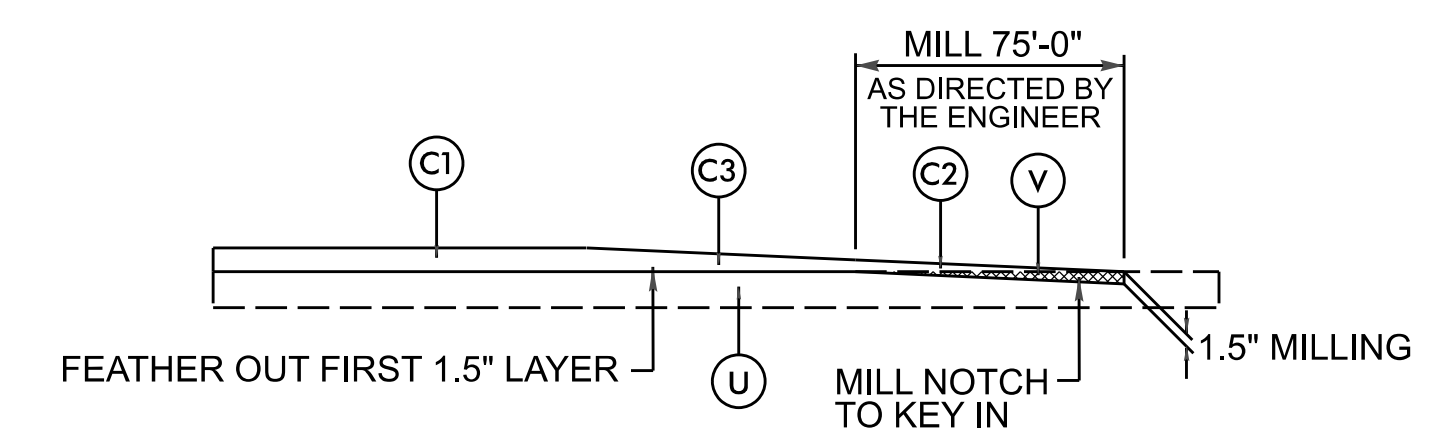
USE TYPICAL SECTION NO. 3 AS FOLLOWS:

- DR1- STA. 10+14.00 TO 12+55.17



TYPICAL SECTION FOR SHOULDER BERM GUTTER

- L- STA 16+36.66 TO -L- STA 17+11.47 LT
- L- STA 19+23.87 TO -L- STA 19+33.86 LT



INCIDENTAL MILLING OF EXISTING PAVEMENT AS DIRECTED BY ENGINEER

- L- STA 12+30.00 TO -L- STA 13+05.00
- L- STA 22+21.00 TO -L- STA 22+96.00

PAVEMENT SCHEDULE (FINAL)	
C1	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. PER 1" DEPTH TO BE PLACED IN LAYERS NOT TO EXCEED 1.5" 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 2.5" 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 4" OR GREATER THAN 5.5" IN DEPTH.
J	PROP. 6" INCIDENTAL STONE BASE
R1	PROP. CONCRETE SHOULDER BERM GUTTER
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V	INCIDENTAL MILLING BITUMINOUS PAVEMENT (0" TO 1.5" DEPTH). SEE MILLING DETAIL.
W	VARIABLE DEPTH ASPHALT PAVEMENT (SEE STANDARD WEDGING DETAILS).

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

BR-0073
4RD1 2A-1
ROADWAY DESIGN ENGINEER
3/13/2023
PROFESSOR
SEAL 04789
CHRISTOPHER H. LEE
Chattanooga, TN
PAVEMENT DESIGN ENGINEER
3/13/2023
PROFESSOR
SEAL 022896
CLARK S. MORRISON
Clark S. Morrison
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
STATE OF NORTH CAROLINA
ROADWAY DESIGN UNIT
PREPARED BY
WSP
434 FAYETTEVILLE ST., #1500
RALEIGH, N.C. 27601
NC ENG P-1253