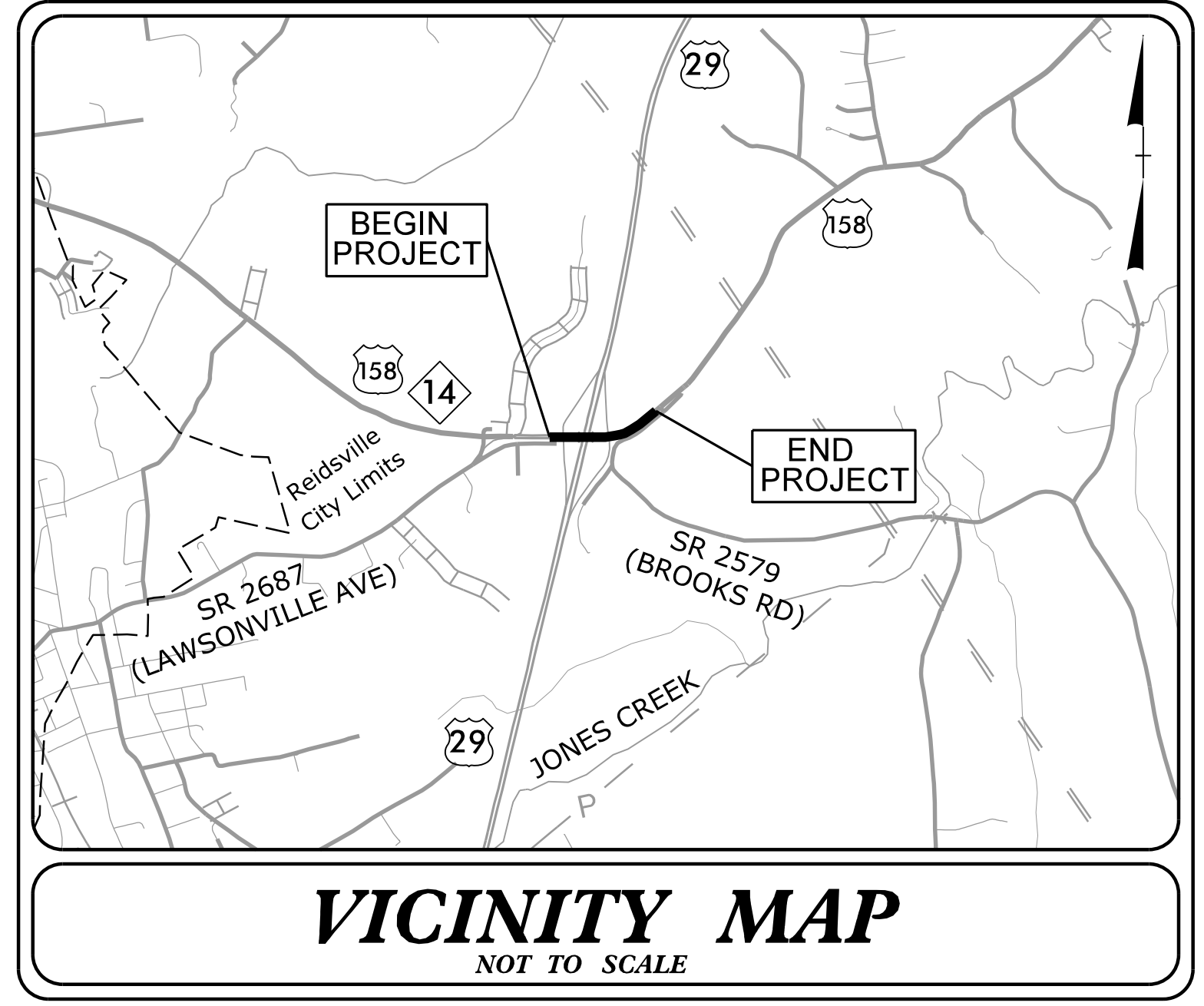


09/28/2019
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2/16/2023
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Mw@bazg6

TIP PROJECT: BR-0043
CONTRACT: C204793

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Symbols



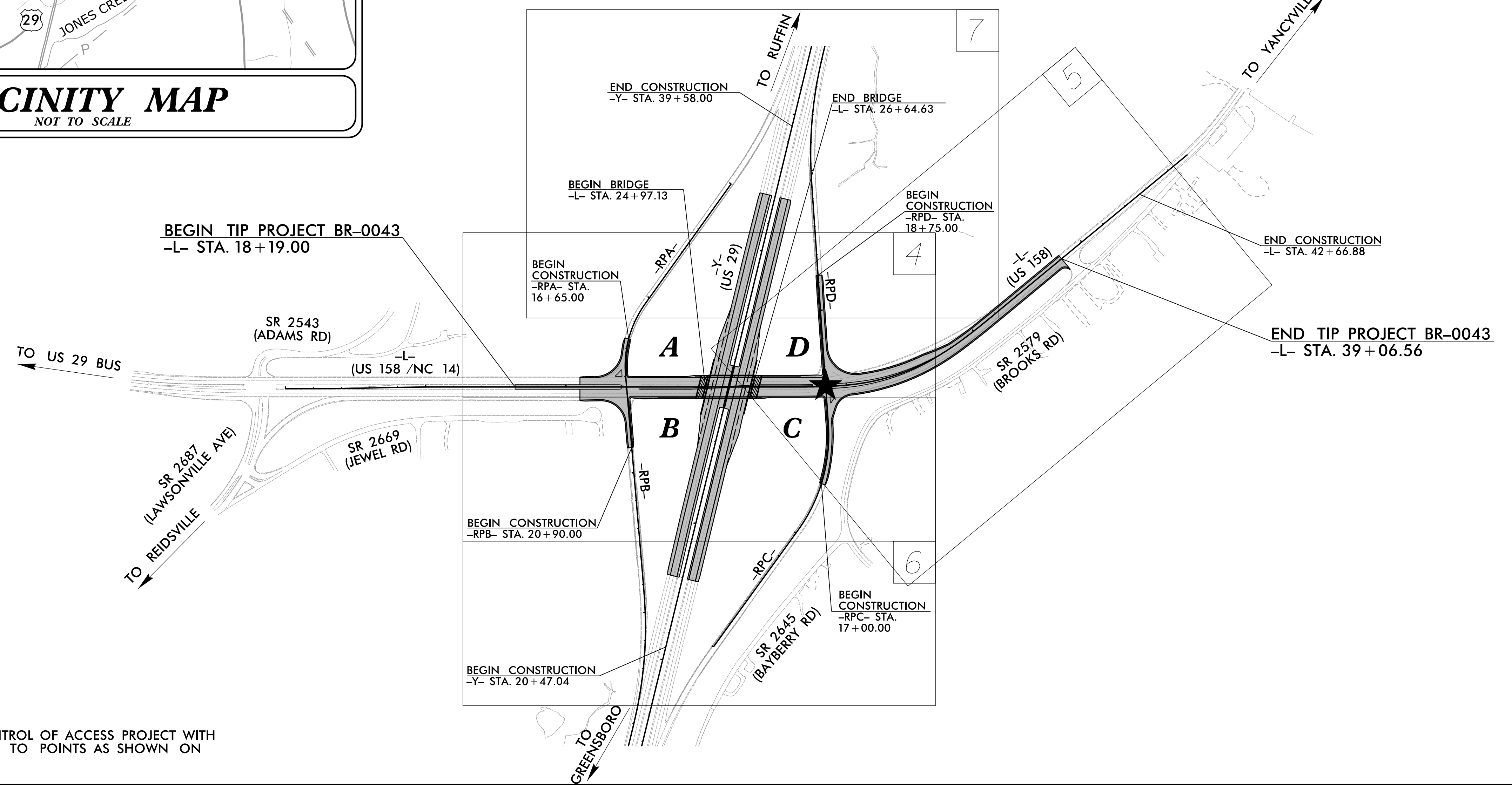
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

ROCKINGHAM COUNTY

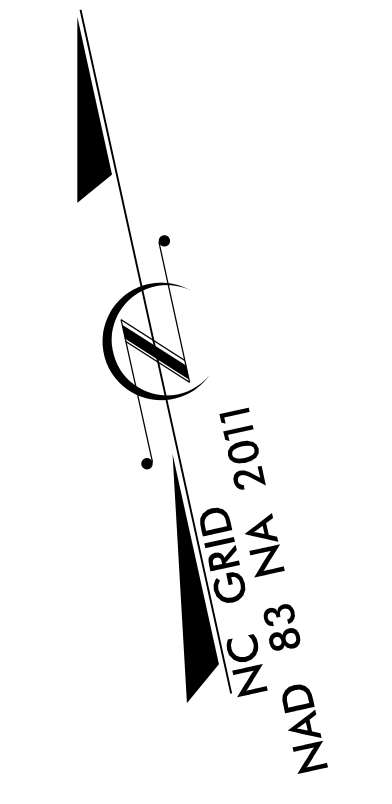
**LOCATION: REPLACE BRIDGE 780151 ON US 158 /NC 14
OVER US 29 NEAR REIDSVILLE**

TYPE OF WORK: GRADING, DRAINAGE, PAVING, SIGNAL, RETAINING WALL, AND STRUCTURE

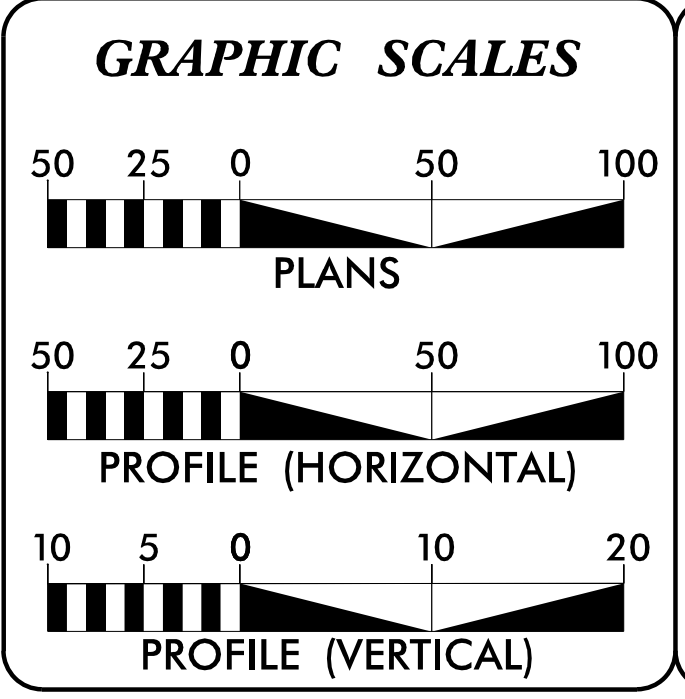
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0043	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
67043.1.1		PE	
67043.2.1		RW/Utility	
67043.3.1		CONSTRUCTION	



THIS IS A PARTIAL CONTROL OF ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS AS SHOWN ON THE PLANS.



★ UPGRADED SIGNAL
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA

ADT 2023 =	15,718
ADT 2043 =	17,109
K =	9 %
D =	55 %
T =	6 % *
V =	50 MPH
* TTST =	4% DUAL 2%
FUNC CLASS =	PRINCIPAL ARTERIAL REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT BR-0043 =	0.363 MI
LENGTH STRUCTURE TIP PROJECT BR-0043 =	0.032 MI
TOTAL LENGTH TIP PROJECT BR-0043 =	0.395 MI

Prepared in the Office of:

AECOM
2018 STANDARD SPECIFICATIONS

NC FIRM LICENSE No: F-0342
5438 Wade Park Blvd., Suite 200
Raleigh, NC 27607
(919) 461-1100

RIGHT OF WAY DATE:
AUGUST 31, 2022

LETTING DATE:
APRIL 18, 2023

JOHN C. MORRISON, P.E.
PROJECT ENGINEER

ED EDENS, P.E.
PROJECT DESIGN ENGINEER

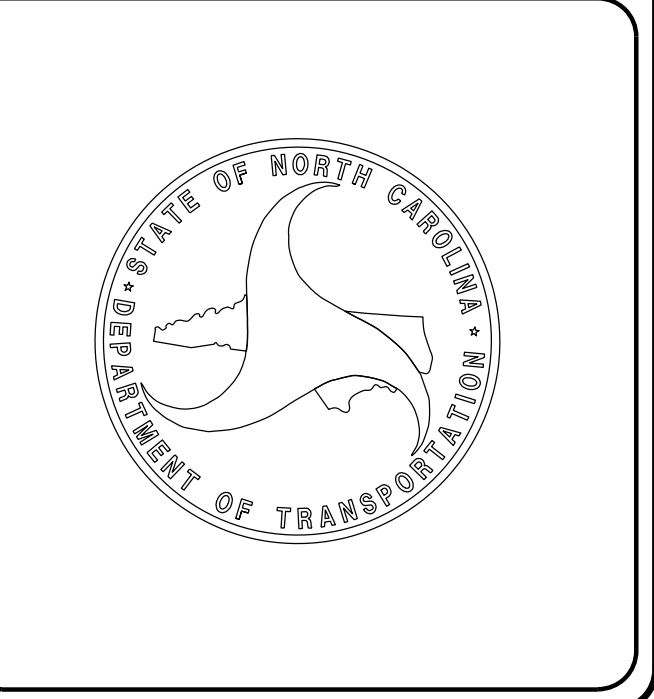
DAVID STUTTS, P.E.
NCDOT PROJECT MANAGER

HYDRAULICS ENGINEER
2/16/2023

[Signature]
P.E.

ROADWAY DESIGN ENGINEER
2/16/2023

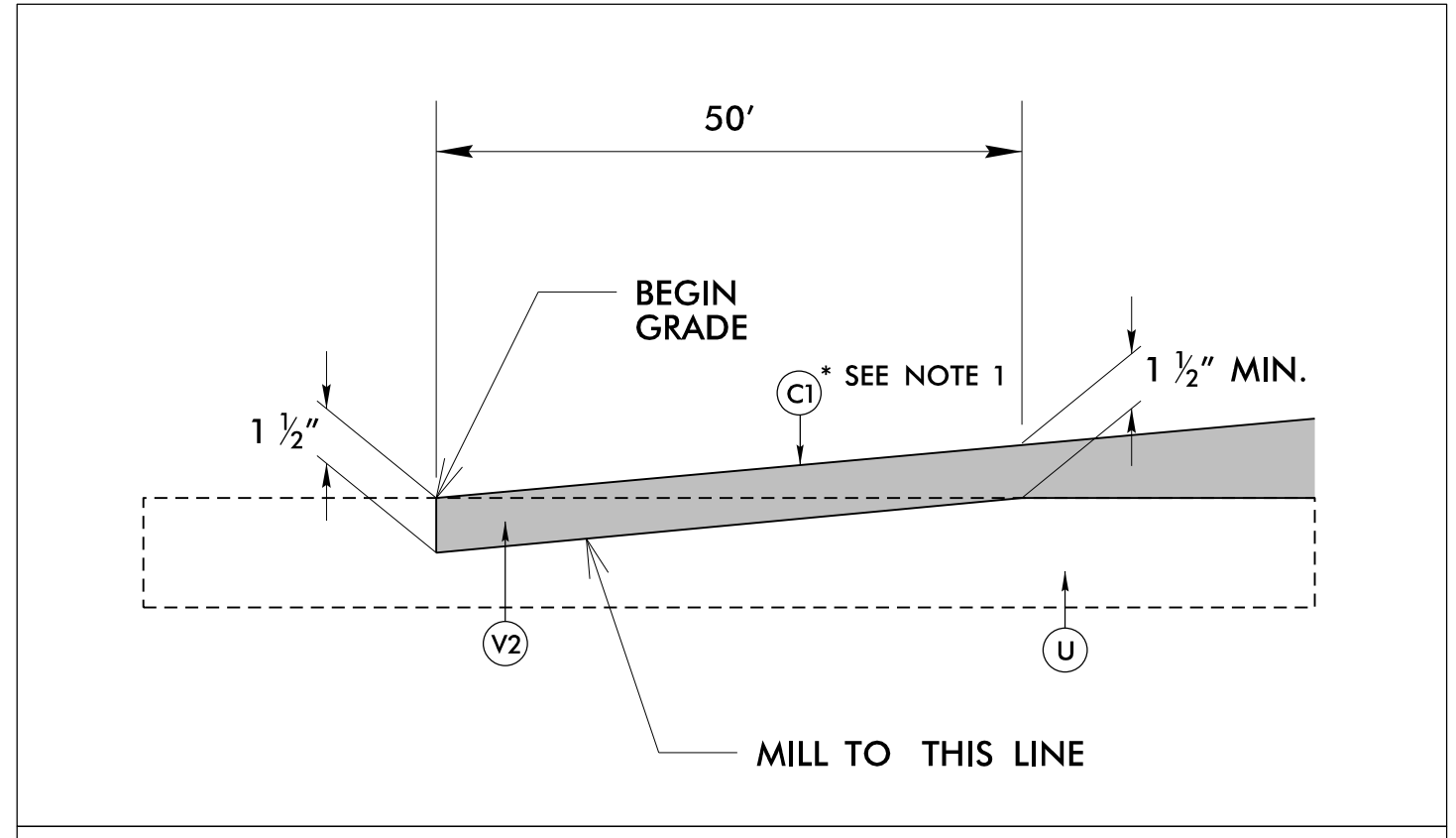
[Signature]
P.E.



6/2/99
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PAVEMENT SCHEDULE FINAL PAVEMENT DESIGN		U	EXISTING PAVEMENT
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.	V1	1 1/2" MILLING
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	V2	INCIDENTAL MILLING
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 LESS THAN 1 1/2" IN DEPTH OR GREATER THAN 2" IN DEPTH	W1	VARIABLE DEPTH ASPHALT PAVEMENT (SEE DETAIL SHOWING METHOD OF WEDGING NO. 1)
C4	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.	W2	VARIABLE DEPTH ASPHALT PAVEMENT (SEE DETAIL SHOWING METHOD OF WEDGING NO. 2)
C5	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	Y	MILLED RUMBLE STRIPS
C6	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 LESS THAN 1" IN DEPTH OR GREATER THAN 1 1/2" IN DEPTH		
D1	PROP. APPROX. 2 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.		
D2	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 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 LESS THAN 2 1/2" 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. APPROX. 8 1/2" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 484.5 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.		
E3	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 5.5" IN DEPTH.		
J	10" AGGREGATE BASE COURSE		
L1	CLASS IV SUBGRADE STABILIZATION		
N1	GEOTEXTILE FOR SOIL STABILIZATION		
P	PRIME COAT		
R1	5" MONOLITHIC ISLAND (KEYED IN). SEE STD. 852.01		
R2	SINGLE FACE CONCRETE BARRIER		
R3	SHOULDER BERM GUTTER		
T	EARTH MATERIAL		

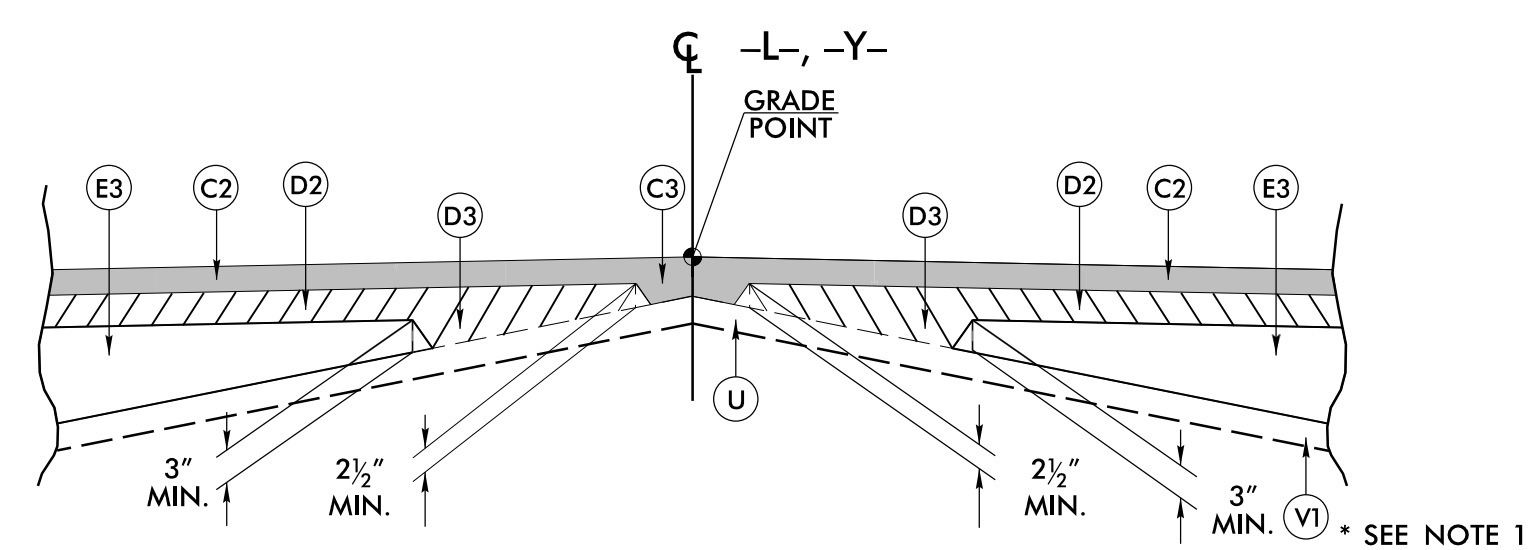
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE



DETAIL SHOWING INCIDENTAL MILLING

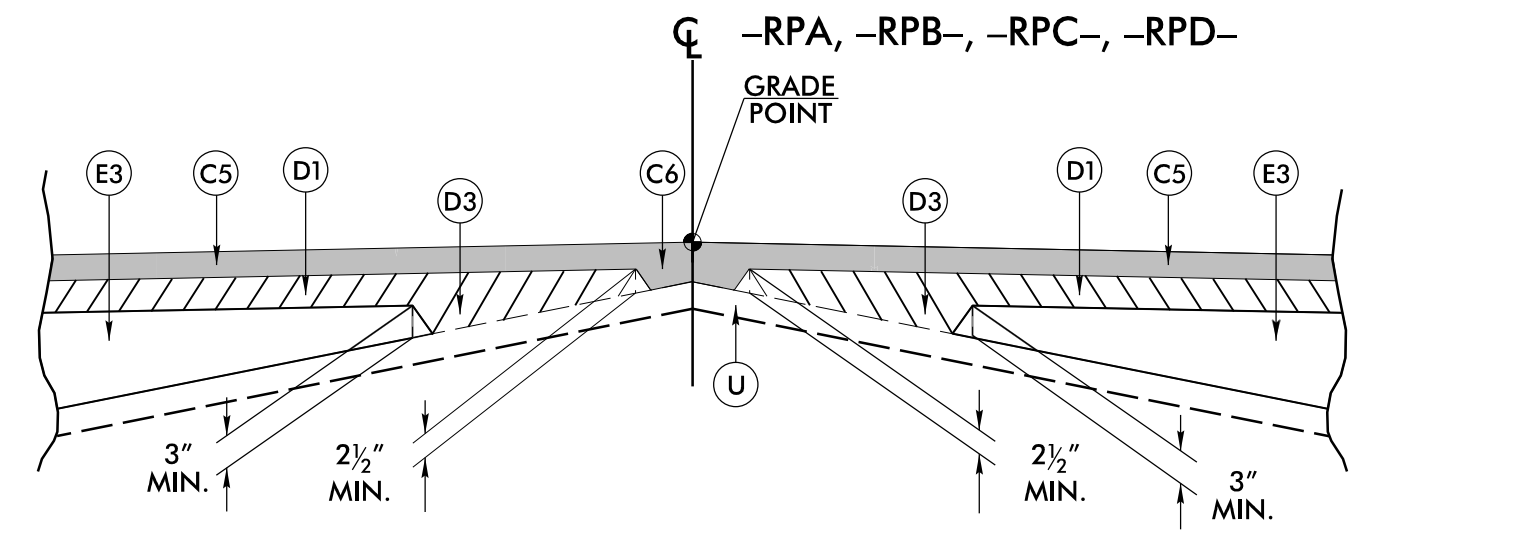
*NOTE 1: USE C4 ON -RPA-, -RPB-, -RPC-, -RPD-

- Y- STA. 23+00.00 TO STA. 23+50.00
- Y- STA. 36+50.00 TO STA. 37+00.00
- RPA- STA. 16+65.00 TO 17+15.00
- RPB- STA. 20+90.00 TO 21+40.00
- RPC- STA. 17+00.00 TO 17+50.00
- RPD- STA. 18+75.00 TO 19+25.00



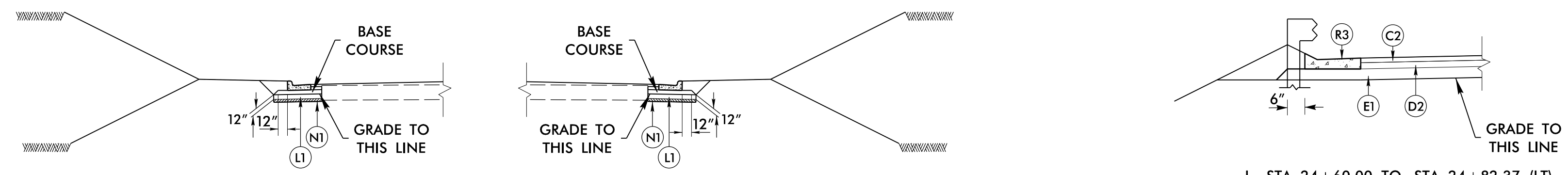
W1: Detail Showing Method of Wedging

USE THIS DETAIL IN CONJUNCTION WITH TYPICAL SECTION NO. 1 AND 4
 *NOTE 1: MILLING ONLY ON -L-



W2: Detail Showing Method of Wedging

USE THIS DETAIL IN CONJUNCTION WITH TYPICAL SECTION NO. 5 AND 7



AGGREGATE SUBGRADE DETAIL

USE IN CONJUNCTION WITH TYPICAL SECTIONS AS DIRECTED BY THE RESIDENT ENGINEER AND AT STATIONS:

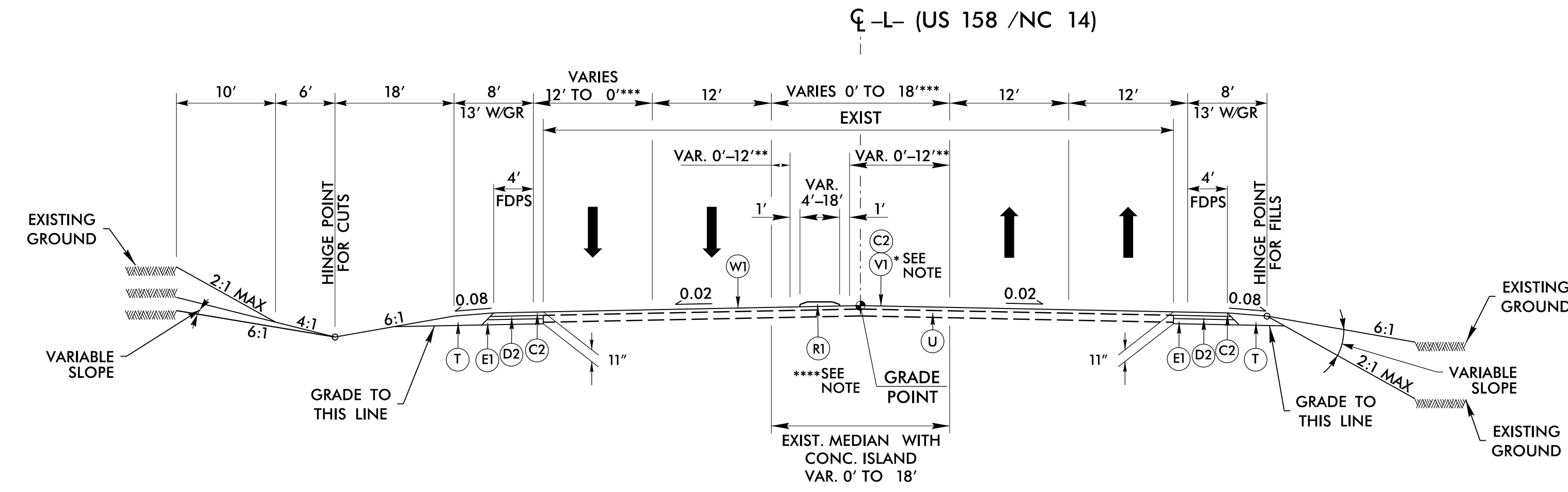
- L- 20+25 TO 23+25
- L- 29+25 TO 39+06.56
- RPB- 20+90 TO 22+75

Detail Showing Shoulder Berm Gutter

- L- STA. 24+60.00 TO STA. 24+82.37 (LT)
- L- STA. 23+27.00 TO STA. 24+63.61 (RT)
- L- STA. 26+98.15 TO STA. 28+37.00 (LT)
- L- STA. 26+79.39 TO STA. 27+00.00 (RT)

PROJECT REFERENCE NO. <i>BR-0043</i>	SHEET NO. <i>2A-1</i>
ROADWAY DESIGN ENGINEER 2/15/2023 <i>Ed. Glenn</i>	PAVEMENT DESIGN ENGINEER 2/15/2023 <i>Clark S. Morrison</i>
SEAL 18470 EDWARD GLENN EDWARDS ENGINEER EDWARDS GLENN EDWARDS, INC.	SEAL 022896 CLARK S. MORRISON ENGINEER CLARK S. MORRISON, INC.
Prepared at: AECOM Office of: AECOM NC FIRM LICENSE No: F-0342 5485 Ridge Fork Blvd, Suite 200 Raleigh, NC 27607 919.461.9000	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

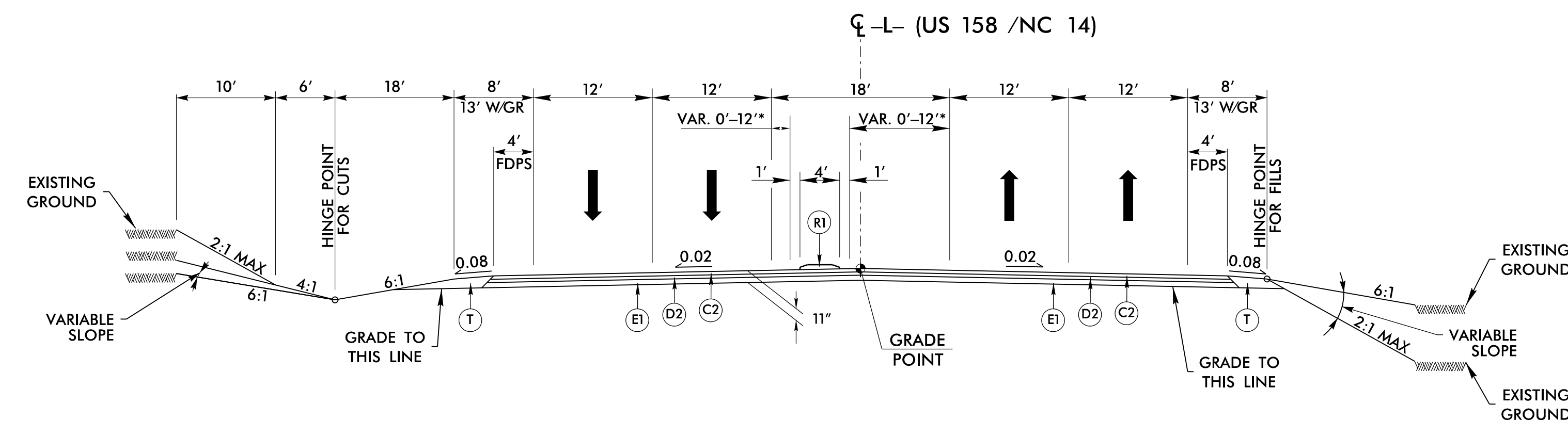
PROJECT REFERENCE NO. <i>BR-0043</i>	SHEET NO. <i>2A-2</i>
ROADWAY DESIGN ENGINEER 2/15/2023 SEAL 18470 EDWARD GLENN EDEBURN JR.	PAVEMENT DESIGN ENGINEER 2/15/2023 SEAL 022896 CLARK S. MORRISON
Prepared in the Office of: AECOM <small>NC FIRM LICENSE No. F-0342 5483 Roper Plaza, Blvd. Suite 200 Raleigh, NC 27607 (919) 461-0000</small>	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



TYPICAL SECTION NO. 1

USE TYPICAL SECTION NO. 1
 -L- STA. 20+50.00 TO -L- STA. 22+90.00
 -L- STA. 29+40.00 TO -L- STA. 39+06.56

- * MILL EXISTING PAVEMENT TO A DEPTH OF 1.5" AND REPLACE WITH 3.0" OF S9.5C
- ** SEE PLANS FOR CENTER TURN LANE AND ISLAND
- *** SEE PLANS FOR LANE AND MEDIAN TRANSITION
- **** REMOVE EXISTING CONCRETE ISLAND AND BEGIN 5" MONOLITHIC ISLAND AT -L- STA. 18+19.00 (SEE PLANS)

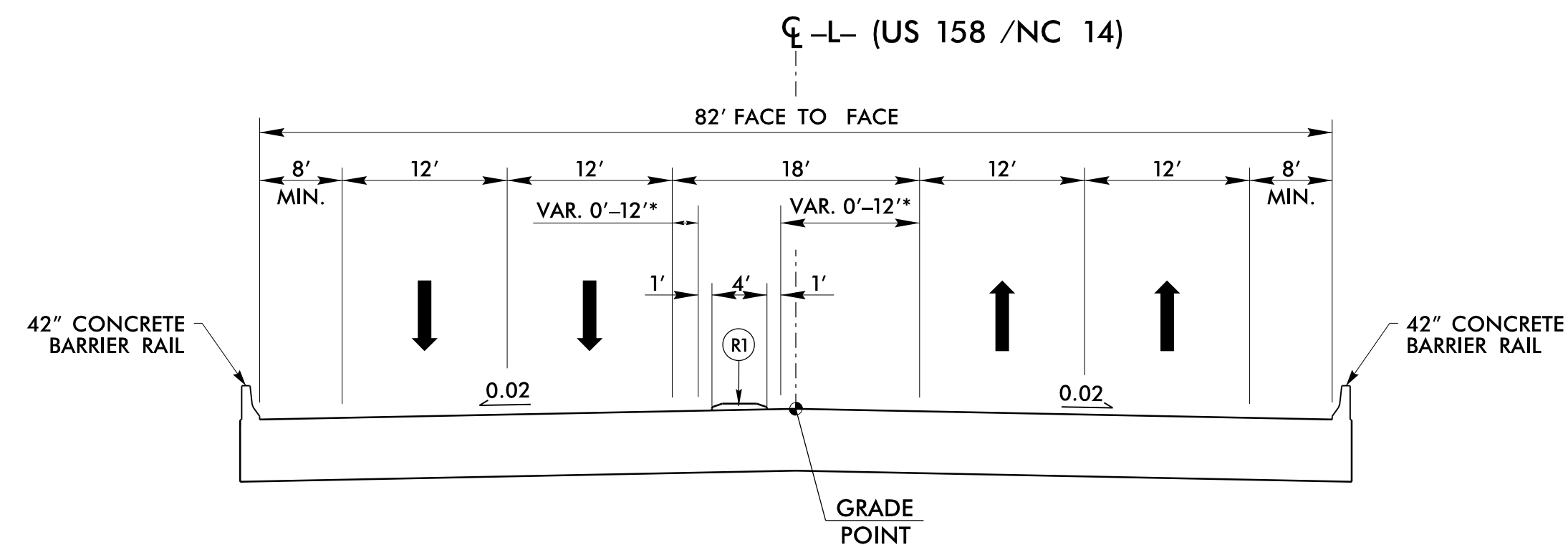


TYPICAL SECTION NO. 2

USE TYPICAL SECTION NO. 2
 -L- STA. 22+90.00 TO -L- STA. 24+97.13 (BEGIN BRIDGE)
 -L- STA. 26+64.63 (END BRIDGE) TO -L- STA. 29+40.00

* SEE PLANS FOR CENTER TURN LANE AND ISLAND

PAVEMENT SCHEDULE	
C1	1.5" S9.5C
C2	3" S9.5C
C3	VAR. S9.5C
C4	1.5" S9.5B
C5	3" S9.5B
C6	VAR. S9.5B
D1	2.5" I19.0C
D2	4" I19.0C
D3	VAR. I19.0C
E1	4" B25.0C
E2	8.5" B25.0C
E3	VAR. B25.0C
R1	5" MONOLITHIC ISLAND
R2	SINGLE FACE CONC. BAR.
R3	SHOULDER BERM GUTTER
T	EARTH MATERIAL
U	EXISTING PAVEMENT
V1	1.5" MILLING
W1	WEDGING DET. #1
W2	WEDGING DET. #2
Y	RUMBLE STRIPS




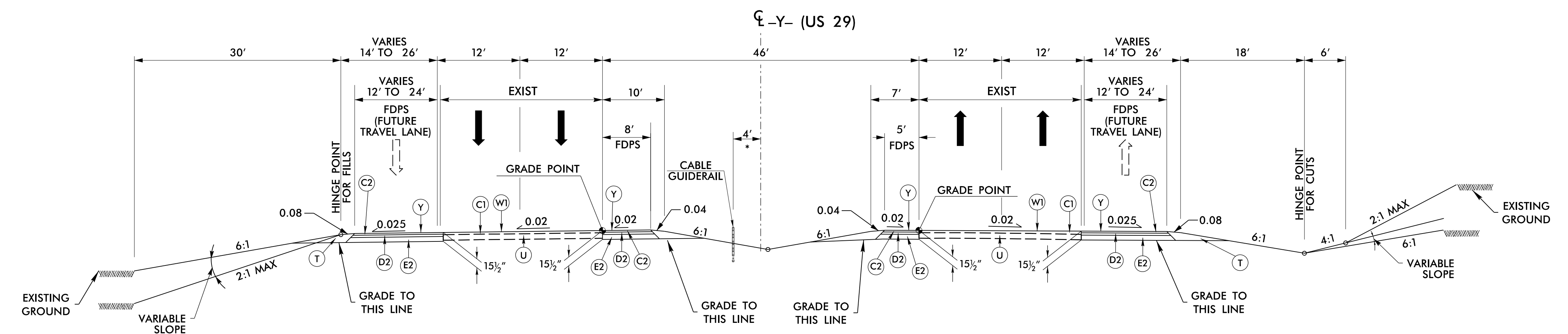
TYPICAL SECTION NO. 3

USE TYPICAL SECTION NO. 3
 -L- STA. 24+97.13 TO -L- STA. 26+64.63

* SEE PLANS FOR CENTER TURN LANE AND ISLAND

6/22/99
 p:\aecom-na-pw\ben\lej.com\AECOM_DS21_NA_2020\Documents\60581578-NCDDOT_SMU_BR-0043\100-CAD_GIS\910-CAD_GIS\910-CAD_V70_NCCDOT_TIP\Roadway\Des\gn\BR0043_r.dgn_typ.dgn

PROJECT REFERENCE NO. <i>BR-0043</i>	SHEET NO. <i>2A-3</i>
ROADWAY DESIGN ENGINEER 2/15/2023 EDWARD GLENN EDWARDS, JR. SEAL 18470 ENGINEER NORTH CAROLINA PROFESSIONAL ENGINEERS BOARD	PAVEMENT DESIGN ENGINEER 2/15/2023 CLAYTON S. MORRISON SEAL 022896 ENGINEER NORTH CAROLINA PROFESSIONAL ENGINEERS BOARD
	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	

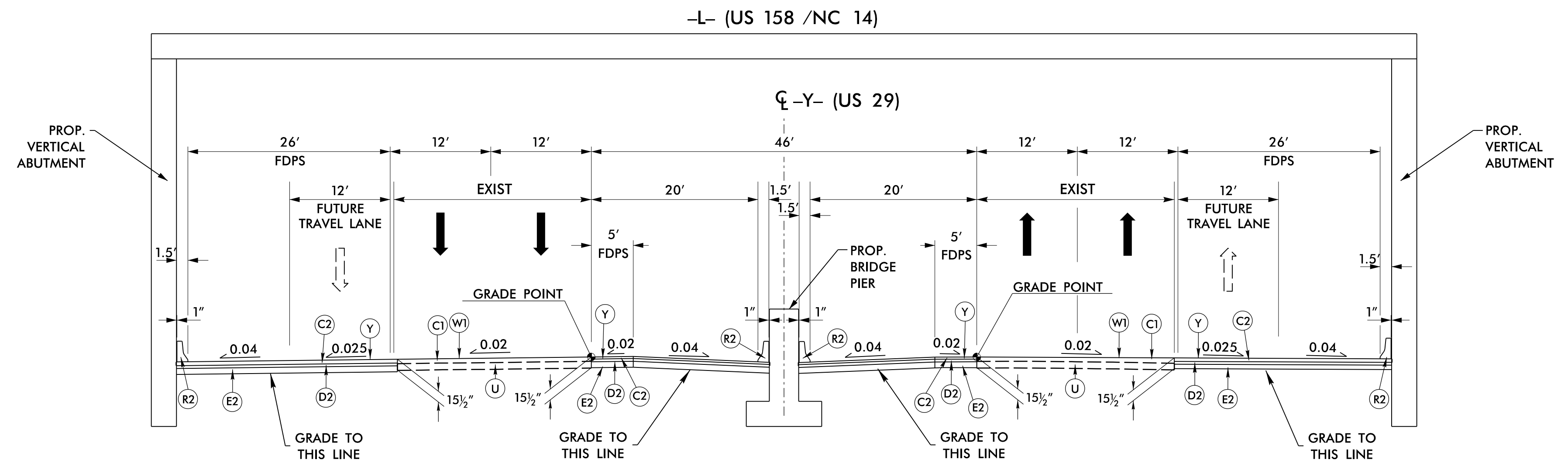


TYPICAL SECTION NO. 4

USE TYPICAL SECTION NO. 4
 -Y- STA. 23+00.00 TO -Y- STA. 29+05.00
 -Y- STA. 31+14.00 TO -Y- STA. 37+00.00

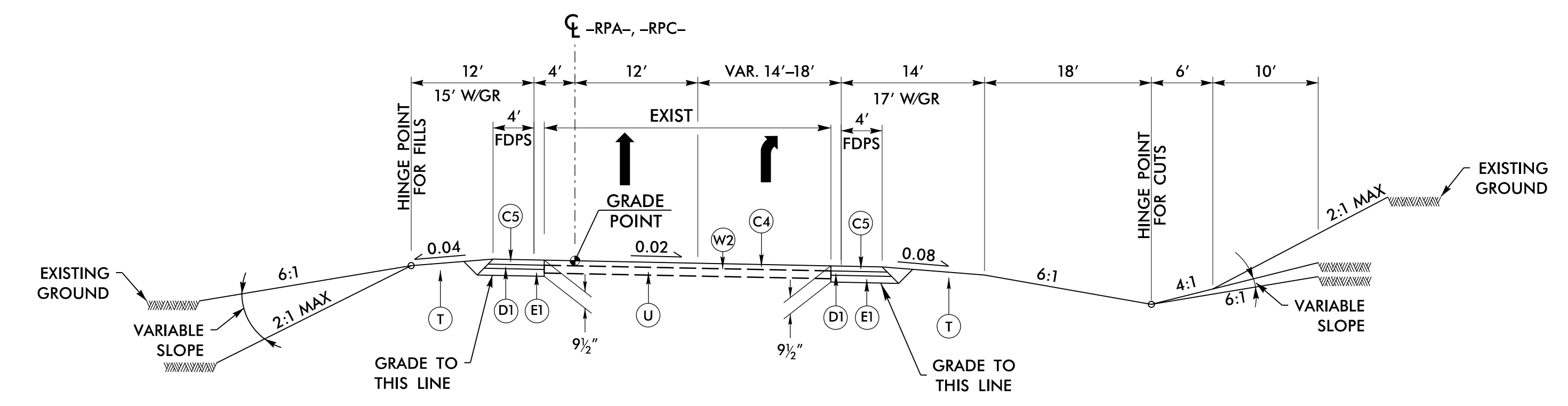
NOTE: SEE TMP FOR TEMPORARY SHOULDER PAVEMENT LOCATIONS AND TYPICAL SECTION NO.8 FOR PAVEMENT DESIGN.

*SEE PLANS FOR GUIDERAIL LOCATION



TYPICAL SECTION UNDER STRUCTURE

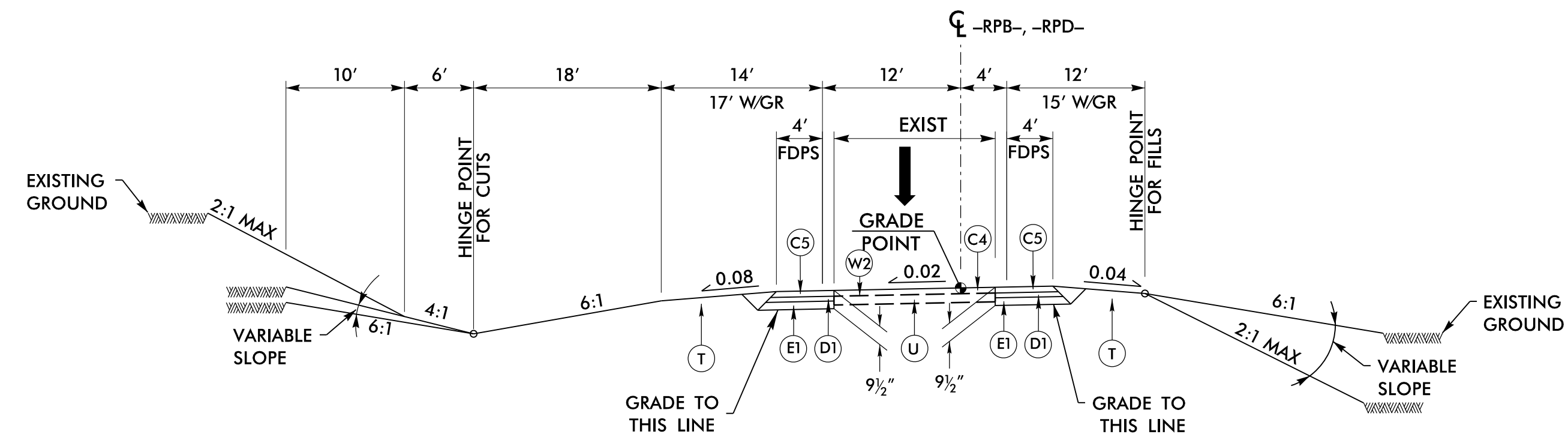
USE TYPICAL SECTION UNDER STRUCTURE
 -Y- STA. 29+05.00 TO -Y- STA. 31+14.00



TYPICAL SECTION NO. 5

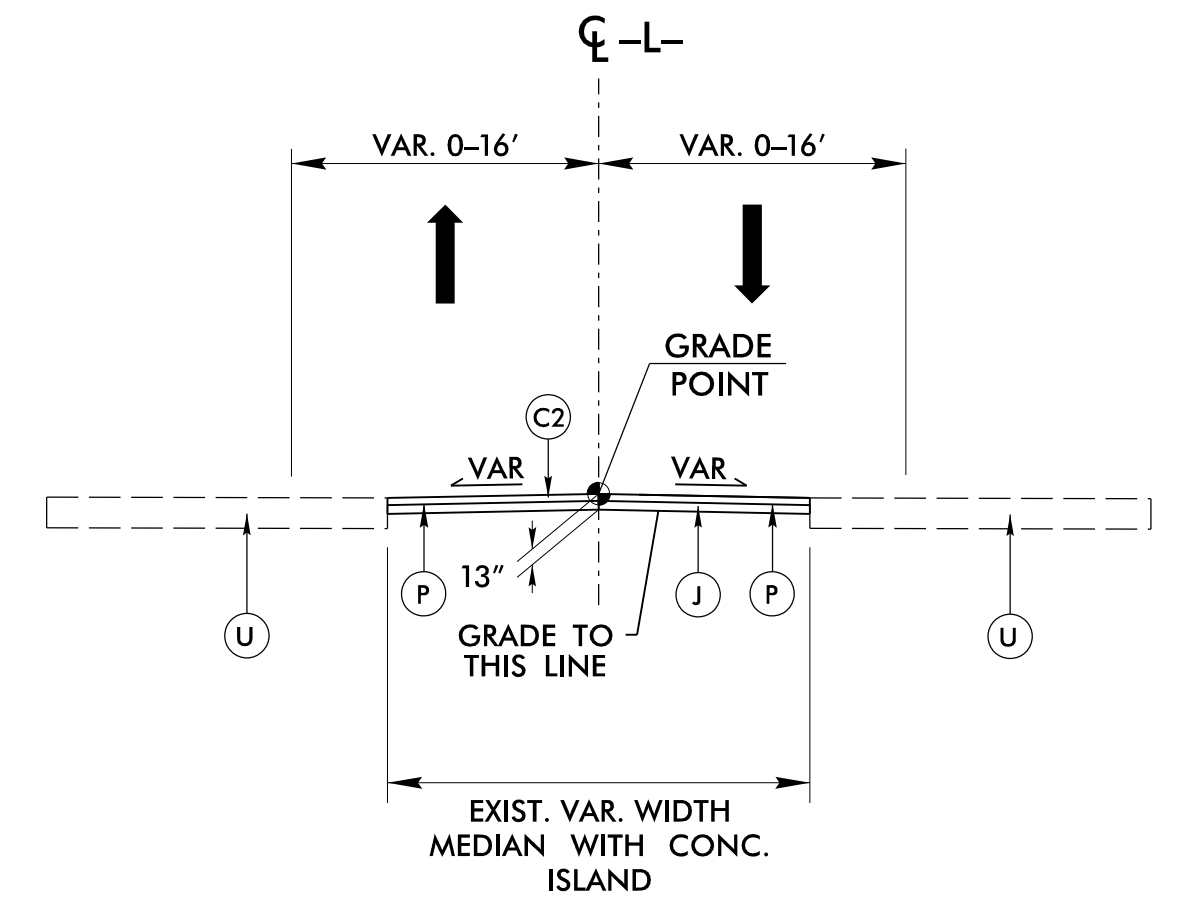
USE TYPICAL SECTION NO. 5
 -RPA- STA. 16+65.00 TO -RPA- STA. 18+04.61
 -RPC- STA. 17+00.00 TO -RPC- STA. 20+16.33

PAVEMENT SCHEDULE	
C1	1.5" S9.5C
C2	3" S9.5C
C3	VAR. S9.5C
C4	1.5" S9.5B
C5	3" S9.5B
C6	VAR. S9.5B
D1	2.5" I19.0C
D2	4" I19.0C
D3	VAR. I19.0C
E1	4" B25.0C
E2	8.5" B25.0C
E3	VAR. B25.0C
R1	5" MONOLITHIC ISLAND
R2	SINGLE FACE CONC.BAR.
R3	SHOULDER BERM GUTTER
T	EARTH MATERIAL
U	EXISTING PAVEMENT
V1	1.5" MILLING
W1	WEDGING DET. #1
W2	WEDGING DET. #2
Y	RUMBLE STRIPS



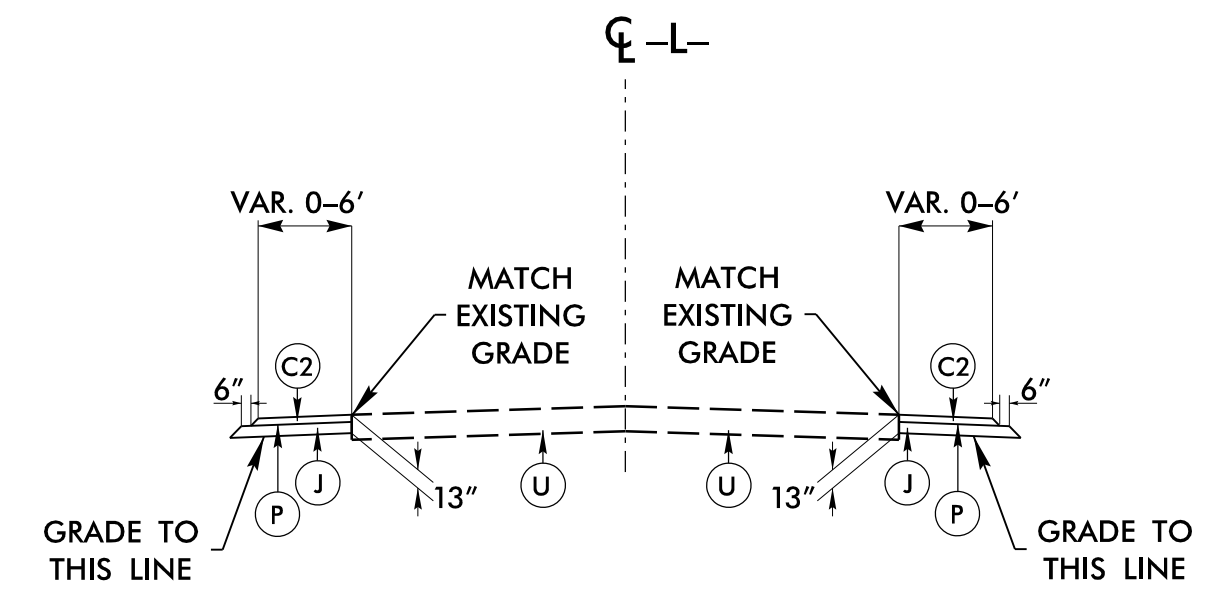
TYPICAL SECTION NO. 6

USE TYPICAL SECTION NO. 6
 -RPB- STA. 20+90.00 TO -RPB- STA. 22+73.75
 -RPD- STA. 18+75.00 TO -RPD- STA. 22+39.64



TYPICAL SECTION NO. 7

USE TYPICAL SECTION NO. 7
 TEMPORARY CROSSOVERS
 SEE WZTC PLANS
 -L- STA.18+19.00 TO 22+04.66
 -L- STA.22+67.30 TO 24+69.00
 -L- STA.29+42.50 TO 35+34.50



TYPICAL SECTION NO. 8

USE TYPICAL SECTION NO. 8
 TEMPORARY PAVEMENT SEE TMP
 -L- STA.21+97 EX.MONOLITHIC ISLAND
 -L- STA.22+19.40 TO 22+44.20
 -L- STA.22+12.60 TO 22+32.56
 -L- STA.22+32.56 TO 22+67.00
 -L- STA.28+80.60 TO 29+14.50
 -L- STA.28+84.60 TO 29+19.00
 -L- STA.29+48.48 EX.MONOLITHIC ISLAND

NOTE: USE SAME PAVEMENT DESIGN ON -Y- (US 29) TEMPORARY SHOULDER PAVEMENT. SEE TYPICAL SECTION NO.4 AND TMP

PROJECT REFERENCE NO. <i>BR-0043</i>	SHEET NO. <i>2A-4</i>
ROADWAY DESIGN ENGINEER 2/15/2023 <i>Ed. C. [Signature]</i>	PAVEMENT DESIGN ENGINEER 2/15/2023 <i>Clark S. [Signature]</i>
SEAL 18470 EDWARD GLENN EDWARDS JR. ENGINEER NORTH CAROLINA PROFESSIONAL ENGINEERS BOARD	SEAL 022896 CLARK S. MORRISON ENGINEER NORTH CAROLINA PROFESSIONAL ENGINEERS BOARD
Prepared in the Office of: AECOM	
NC FIRM LICENSE No: F-0342 5485 Regis. Firm, Blvd. Ste. 200 Raleigh, NC 27607 919-461-9000	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

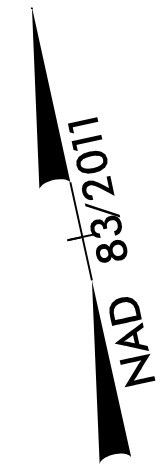
PAVEMENT SCHEDULE	
C1	1.5" S9.5C
C2	3" S9.5C
C3	VAR. S9.5C
C4	1.5" S9.5B
C5	3" S9.5B
C6	VAR. S9.5B
D1	2.5" I19.0C
D2	4" I19.0C
D3	VAR. I19.0C
E1	4" B25.0C
E2	8.5" B25.0C
E3	VAR. B25.0C
J	10" ABC
P	PRIME COAT
R1	5" MONOLITHIC ISLAND
R2	SINGLE FACE CONC.BAR.
R3	SHOULDER BERM GUTTER
T	EARTH MATERIAL
U	EXISTING PAVEMENT
V1	1.5" MILLING
W1	WEDGING DET. #1
W2	WEDGING DET. #2
Y	RUMBLE STRIPS

5/14/99

ents\60581578\NCDOT\SMU BR-0043\900-CAD GIS\910-CAD\70-NCDOT_TIP\Roadway\Design\BR0043_rdy_2B_1.dgn

DETOUR ALIGNMENTS; LDET-1 & LDET-2

PROJECT REFERENCE NO. <i>BR-0043</i>	SHEET NO. <i>2B-1</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 2/16/2002 NORTH CAROLINA PROFESSIONAL SEAL 18470 EDWARD GLENN EDWARDS, JR. ENGINEER SABD1CE0AFAAAB	
Prepared in the Office of: AECOM	NC FIRM LICENSE NO. 0342 5438 Wade Park Boulevard, Suite 200 Raleigh, NC 27607 (919) 854-6200 • (919) 854-6259(FAX)
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



-LDET-1- CURVE DATA

PI Sta 101+58.60 Δ = 8° 24' 37.6" (RT) D = 3° 49' 11.0" L = 220.19' T = 110.29' R = 1,500.00'	PI Sta 103+81.23 Δ = 8° 35' 45.4" (LT) D = 3° 49' 11.0" L = 225.04' T = 112.73' R = 1,500.00'	PI Sta 114+27.50 Δ = 39° 51' 35.2" (LT) D = 5° 43' 46.5" L = 695.68' T = 362.59' R = 1,000.00'
--	--	---



-LDET-2- PC Sta. 200+00.00 =
-L- STA. 18+02.76

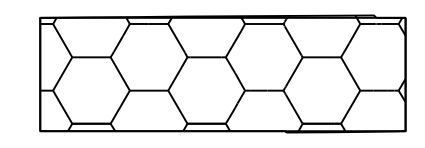
-LDET-2- CURVE DATA

PI Sta 200+86.10 Δ = 9° 57' 04.4" (LT) D = 5° 47' 35.9" L = 171.77' T = 86.10' R = 989.00'	PI Sta 202+60.08 Δ = 9° 54' 01.5" (RT) D = 5° 40' 02.1" L = 174.70' T = 87.57' R = 1,011.00'	PI Sta 214+53.65 Δ = 39° 59' 28.8" (LT) D = 7° 54' 10.3" L = 506.04' T = 263.82' R = 725.00'
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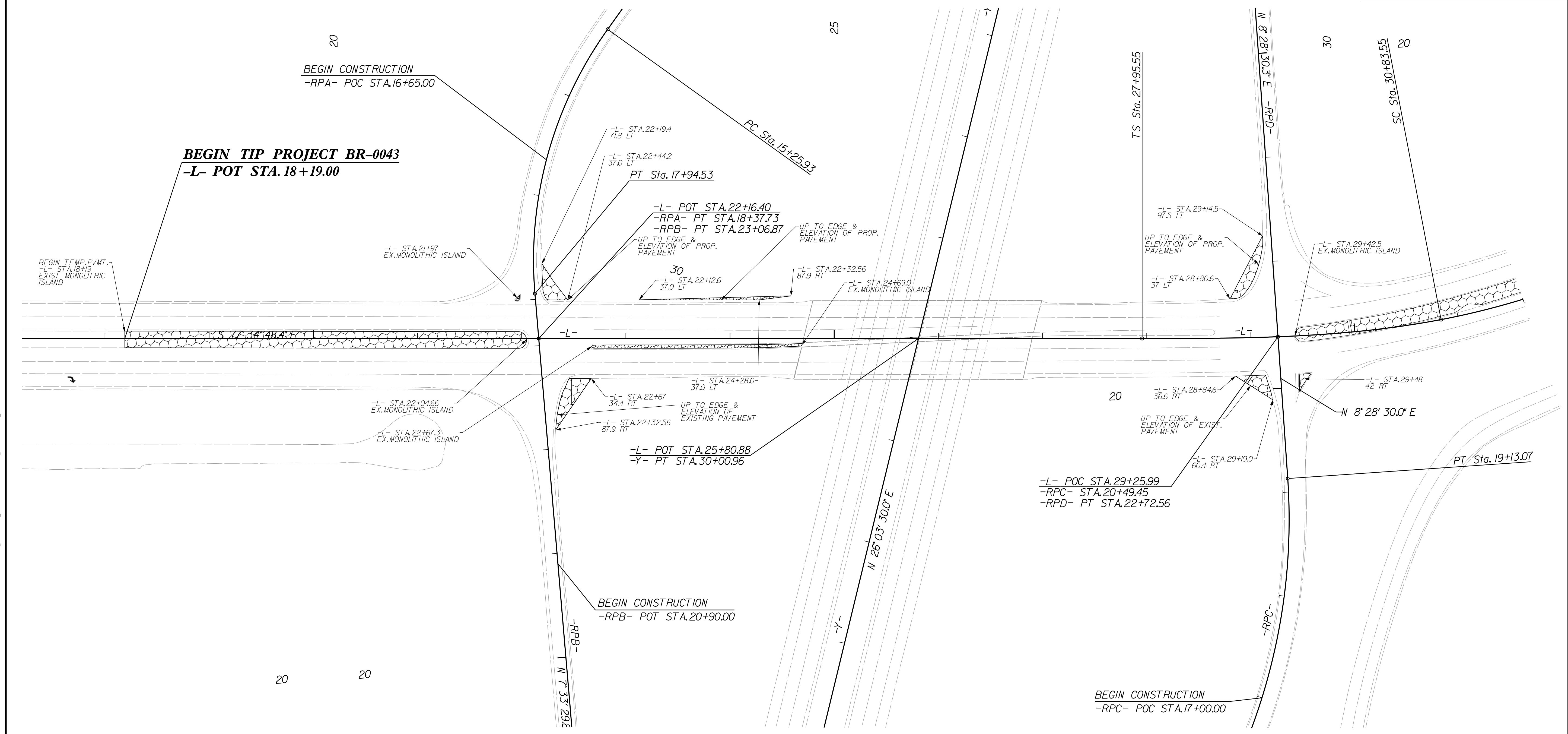
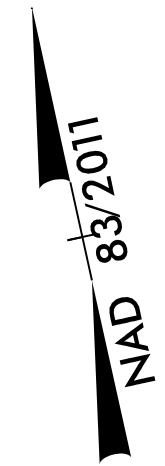
STA. 114+00.00
MATCHLINE SEE SHEET 2B-2
-LDET-1-

5/14/99

PROJECT REFERENCE NO. <i>BR-0043</i>	SHEET NO. <i>2B-3</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 2/16/2011 NORTH CAROLINA PROFESSIONAL SEAL 18470 DWAYNE GLENN EDWARDS, JR. ENGINEER	
Prepared in the Office of: AECOM NC FIRM LICENSE No: F-0342 5438 Wade Park Boulevard, Suite 200 Raleigh, NC 27607 (919) 854-6200 • (919) 854-6259(FAX)	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

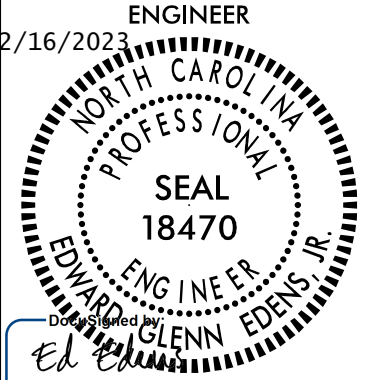


-L- US 158/NC 14 TEMPORARY PAVEMENT LOCATIONS



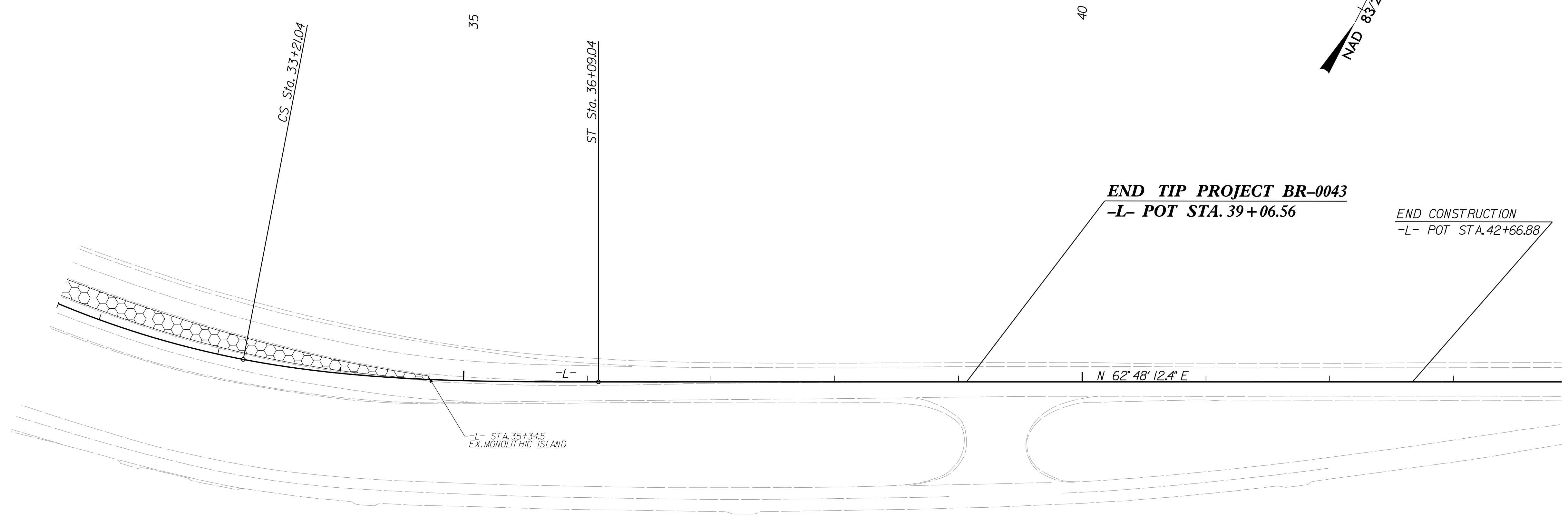
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5/14/99

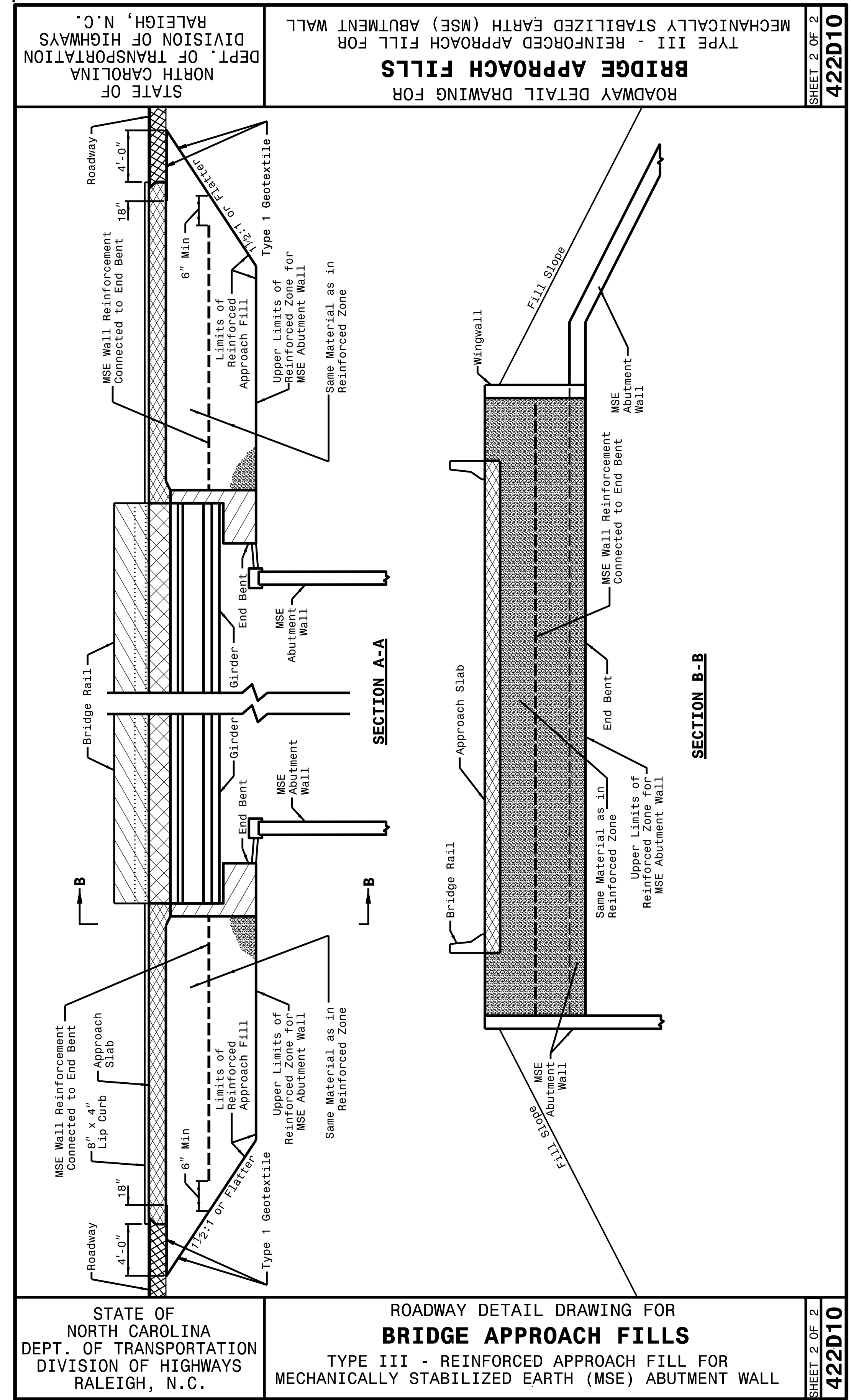
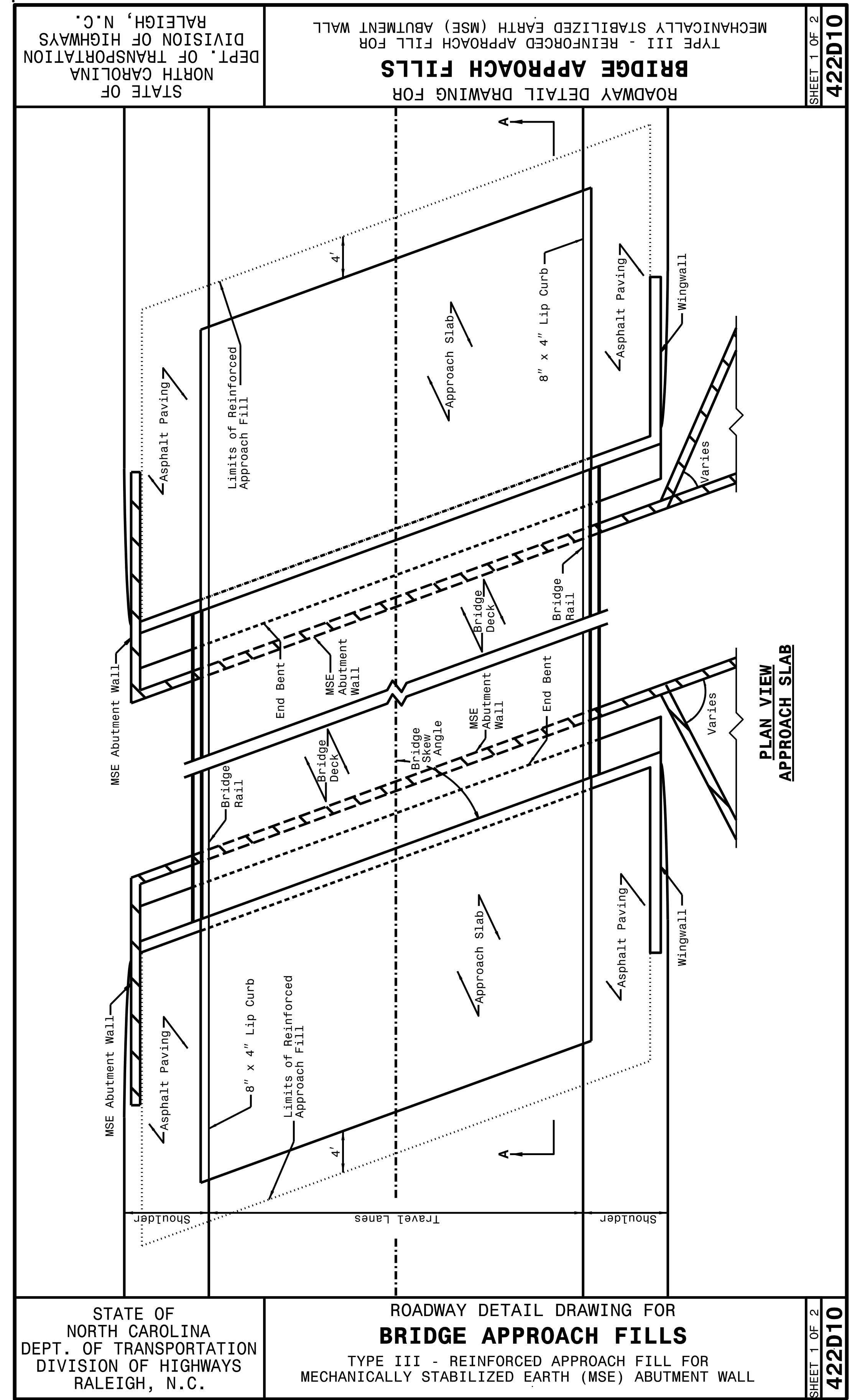
PROJECT REFERENCE NO. <i>BR-0043</i>	SHEET NO. <i>2B-4</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 2/16/2023	
	
Prepared in the Office of: AECOM <small>NC FIRM LICENSE No. F-0342 5438 Wade Park Boulevard, Suite 200 Raleigh, NC 27607 (919) 854-6200 • (919) 854-6259(FAX)</small>	
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-L- US 158/NC 14

 TEMPORARY PAVEMENT LOCATIONS



2/5/2023 15:17:46 NCDOT SMU BR-0043\900-CAD GIS\910-CAD\70-NCDOT_TIP\Roadway\Design\BR0043_rdy_2B_4.dgn



DOCUMENT NOT CONSIDERED FINAL
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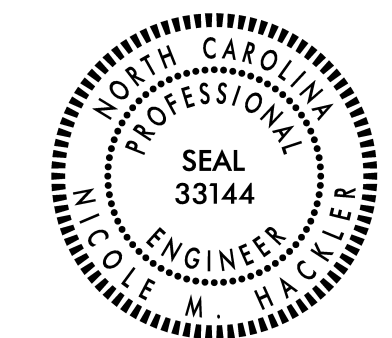
**TYPE III
REINFORCED
APPROACH FILLS**

ORIGINAL BY: K. A. KEMPF DATE: JULY 2017
 MODIFIED BY: DATE:
 CHECKED BY: DATE:
 FILE SPEC.: 2018 standard drawings\division 422d10.dgn

I4-DEC-2017 10:36 S:\Contracts\2018\Standard Drawings\Special Details\Drawings\Division 8\0862d0301.dgn
 Jhowerton AT CSU-212855

STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.	ROADWAY DETAIL DRAWING FOR STRUCTURE ANCHOR UNITS GUARDRAIL ANCHOR UNIT, TYPE III FOR ATTACHMENT TO RAIL ON BRIDGE	SHEET 1 OF 7 862D03
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> </div> <div style="width: 50%;"> <p>NOTE:</p> <ul style="list-style-type: none"> **POST NOT REQUIRED FOR SKEW ANGLES GREATER THAN 150° OR LESS THAN 30° UNLESS OTHERWISE DIRECTED BY THE ENGINEER. *THE DISTANCE FROM END OF BRIDGE RAIL TO CENTER LINE OF THE FIRST POST SHOULD BE 11½" IF CONCRETE BACKWALL IS NOT PRESENT. -SHOULDER BERM GUTTER MUST BE INSTALLED TO THE LIMITS 8" X 4" LIP CURB IS SHOWN IF ANCHOR UNIT IS NOT ADJACENT TO AN APPROACH SLAB. -MEASURE GUARDRAIL HEIGHT FROM THE TOP OF ADJACENT SURFACE (SHOULDER, BERM, OR GUTTER). -LAP JOINTS IN THE DIRECTION OF TRAFFIC FLOW. -SEE SHEET 3 FOR POST SECTIONS 1 THRU 9. </div> </div>		
GUARDRAIL ANCHOR UNIT, TYPE III FOR ATTACHMENT TO RAIL ON BRIDGE		

STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.	ROADWAY DETAIL DRAWING FOR STRUCTURE ANCHOR UNITS GUARDRAIL ANCHOR UNIT, TYPE III FOR ATTACHMENT TO RAIL ON BRIDGE - SUB REGIONAL TIER	SHEET 2 OF 7 862D03
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GUARDRAIL ANCHOR UNIT, TYPE III FOR ATTACHMENT TO RAIL ON BRIDGE - SUB REGIONAL TIER		



DocuSigned by:
 Nicole Hebler
 SB8432024184CS
 2/15/2023

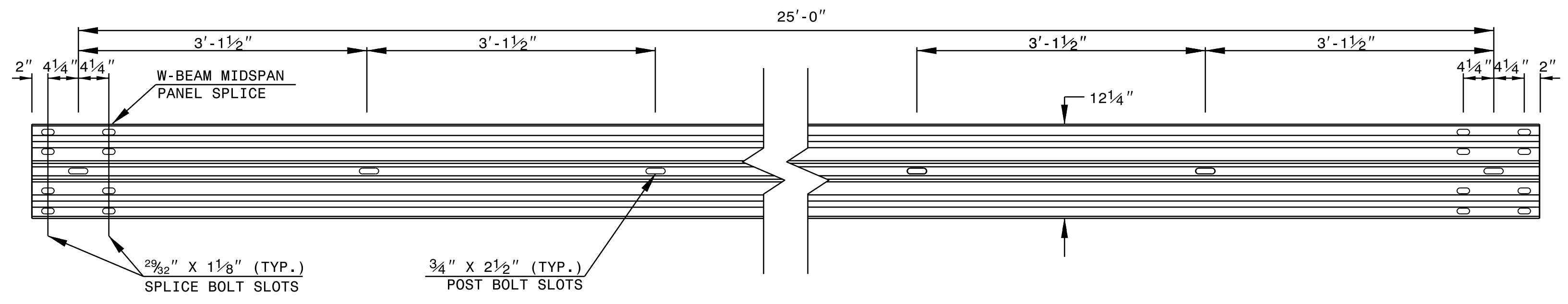
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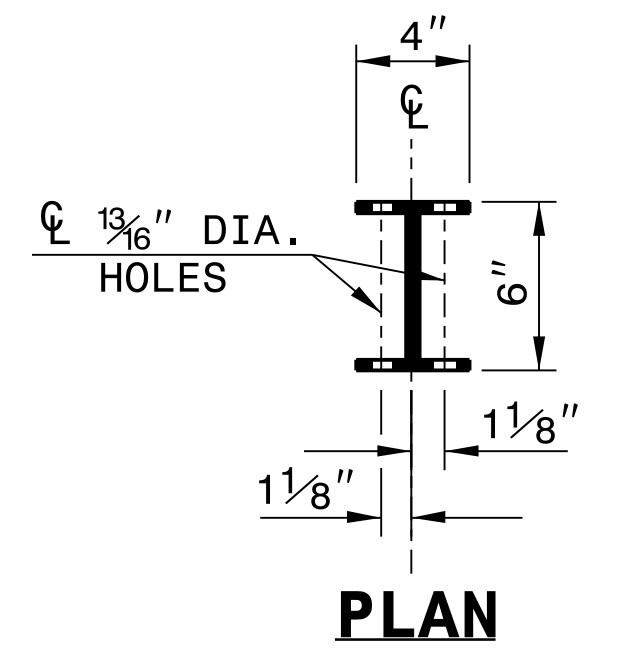
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

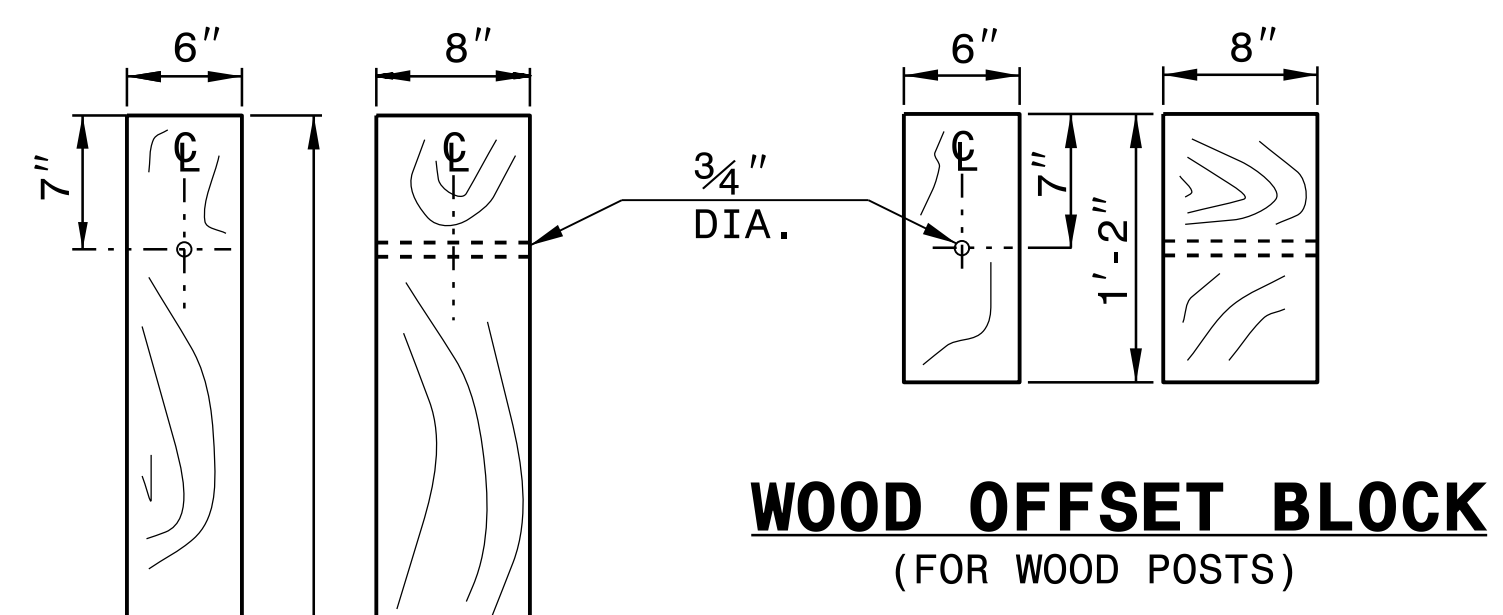
SHEET 6 OF 8
862D02



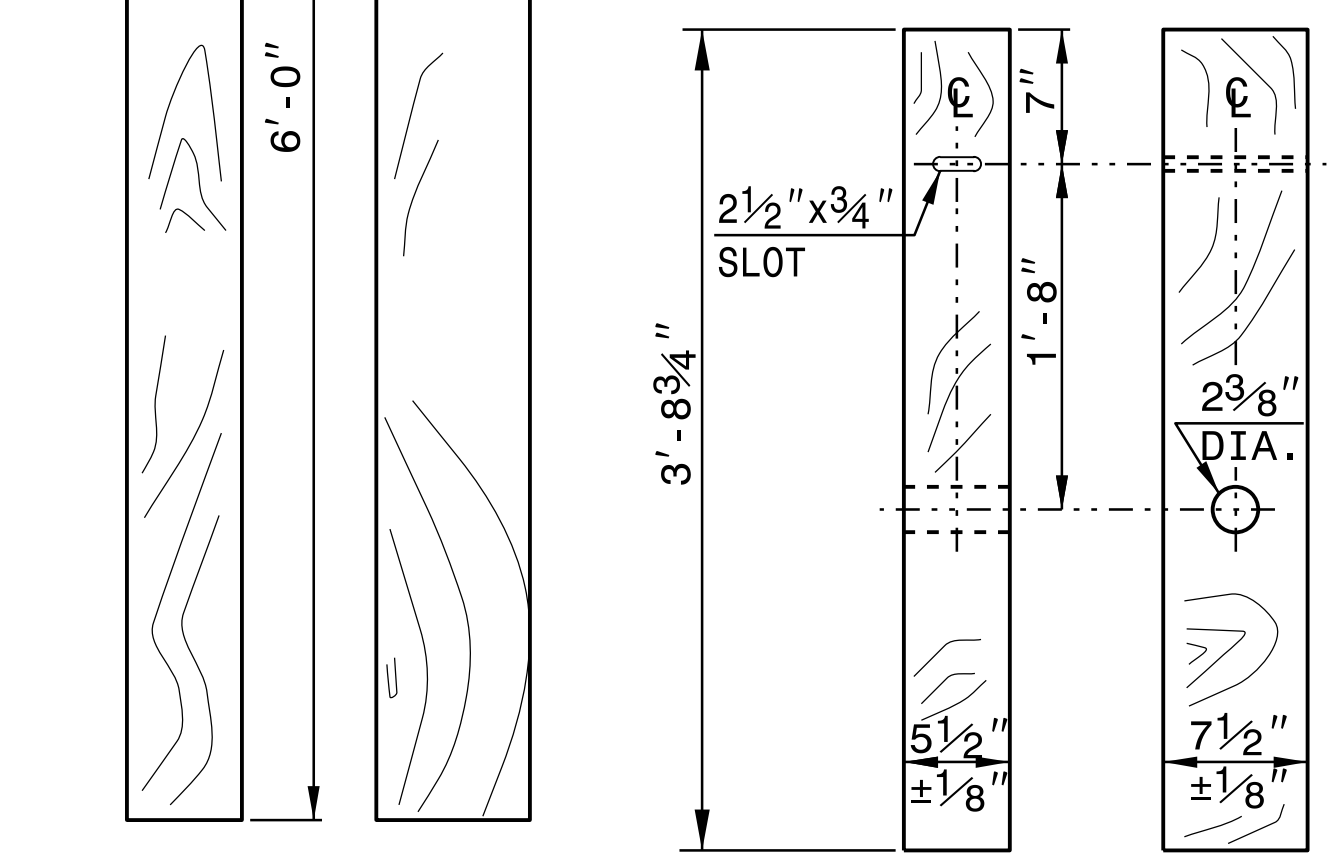
STANDARD W-BEAM GUARDRAIL



PLAN

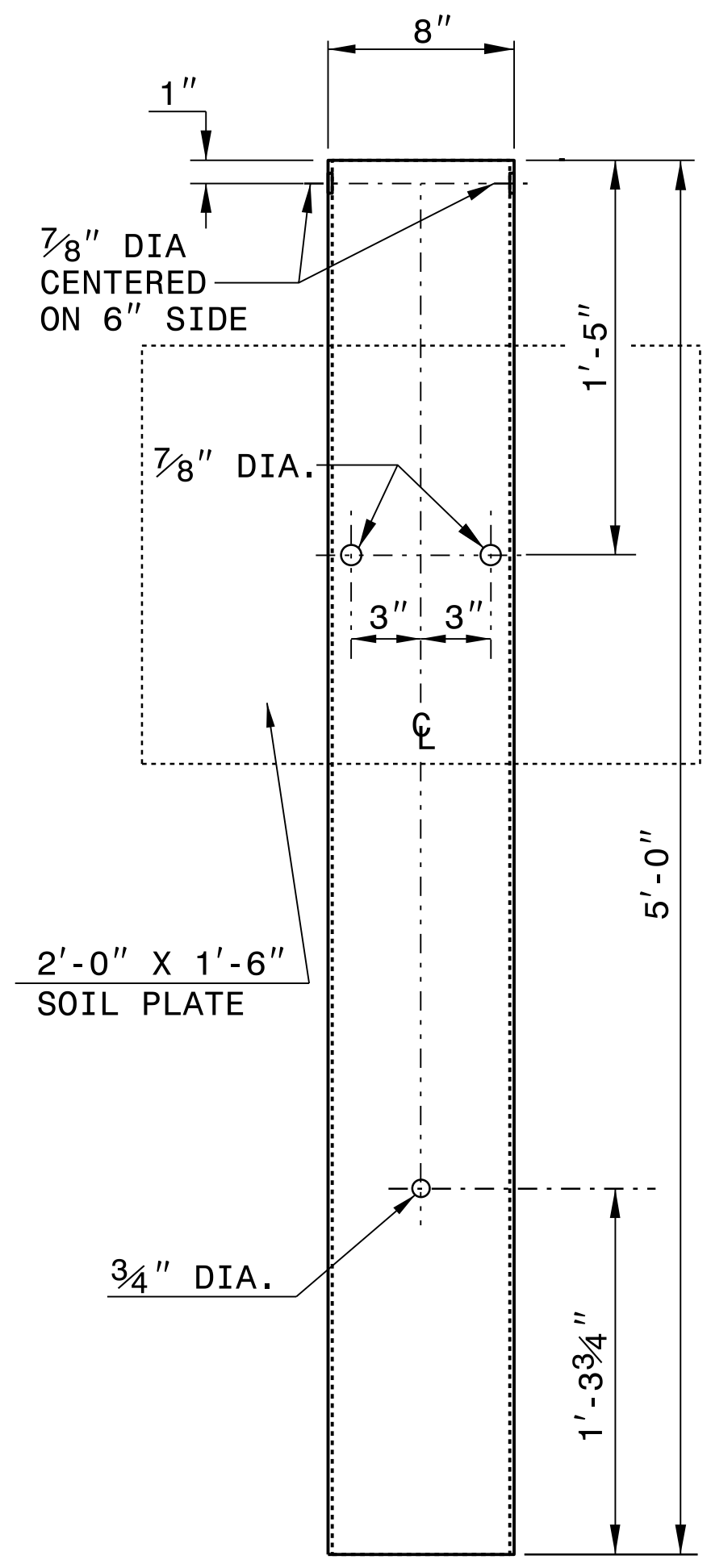


**WOOD OFFSET BLOCK
(FOR WOOD POSTS)**

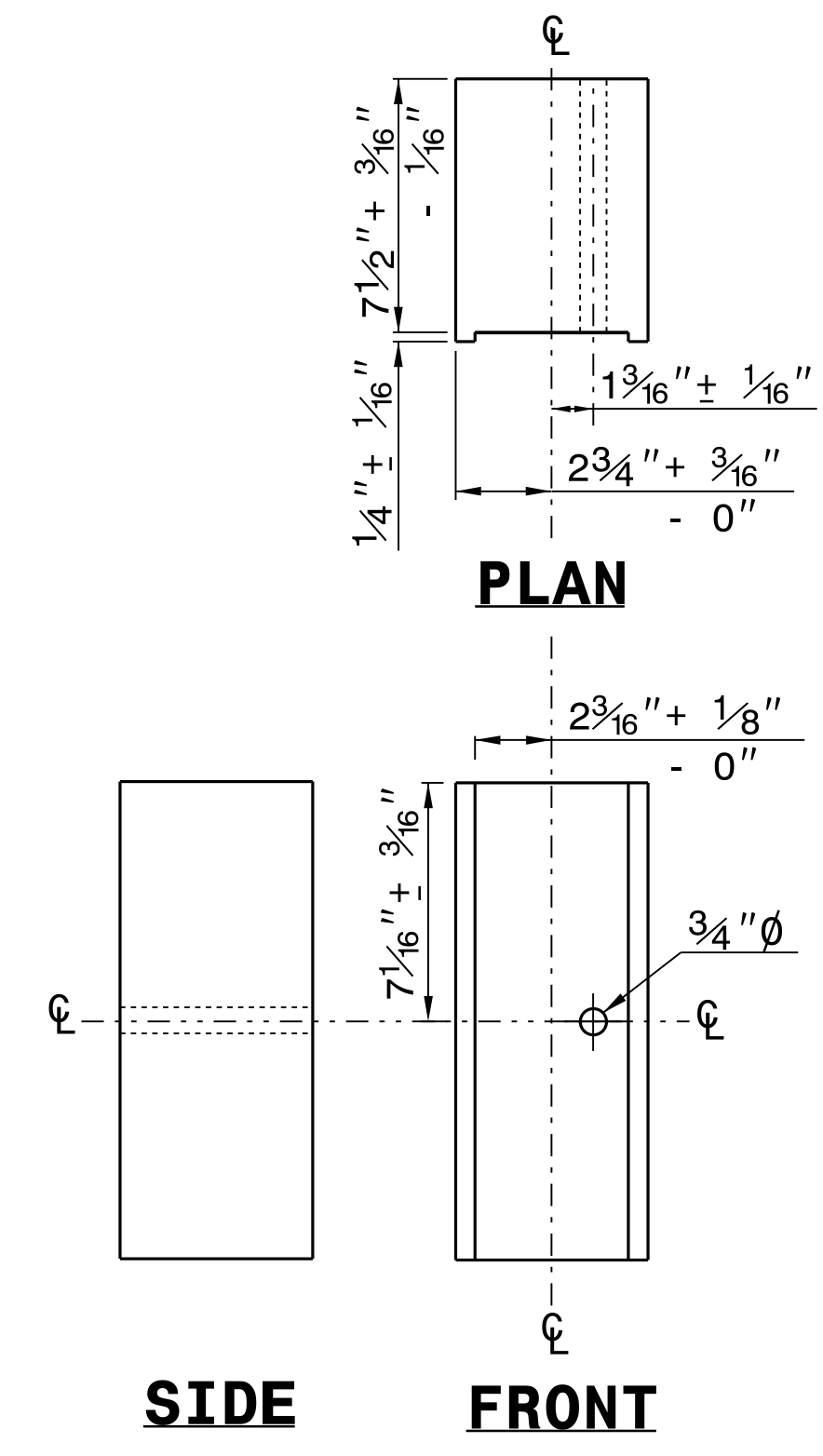


**STANDARD
LINE POST**

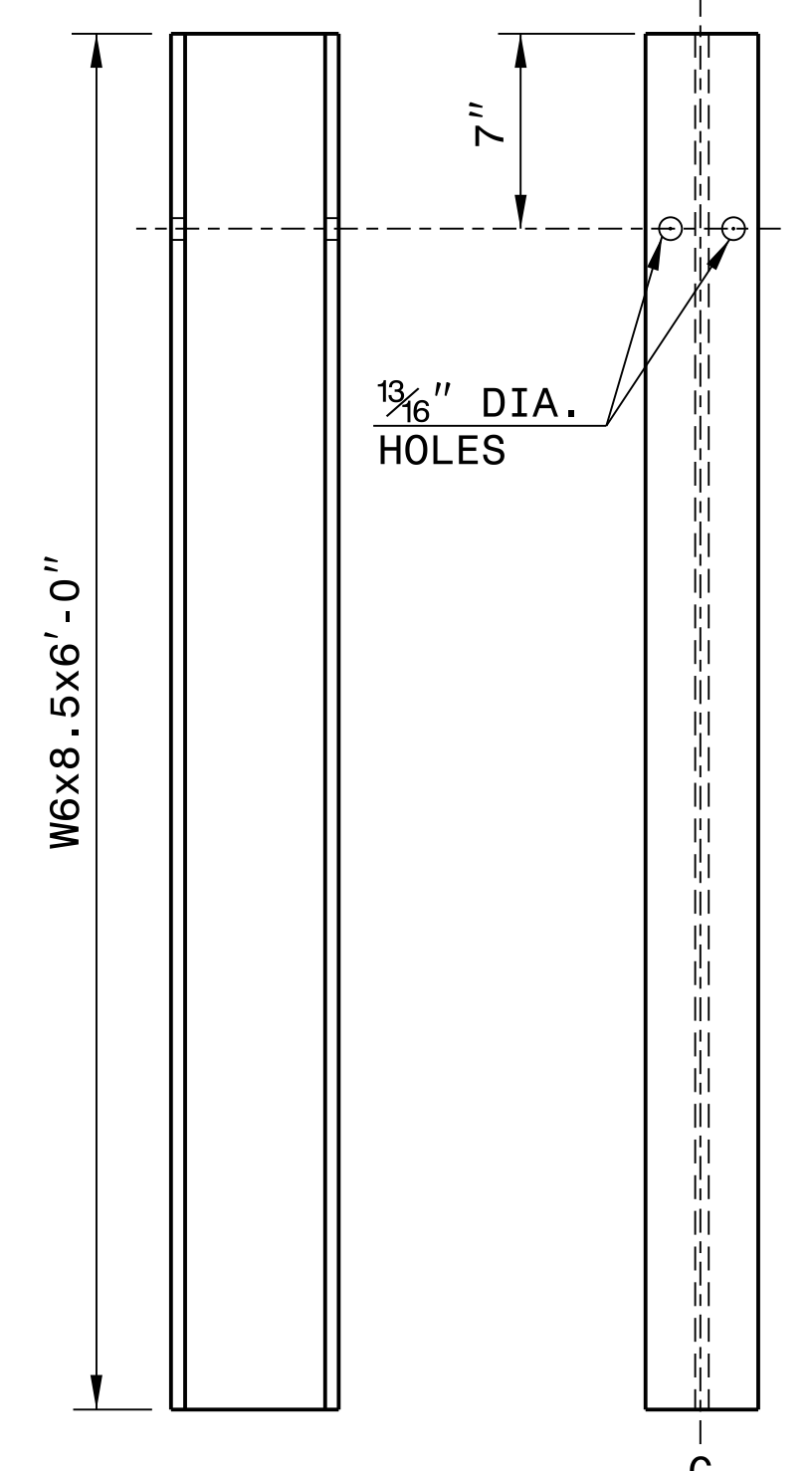
**SHORT WOOD
BREAKAWAY POST**



**STEEL TUBE
TS 6"x8"x0.1875"**



**ROUTED
OFFSET BLOCK**



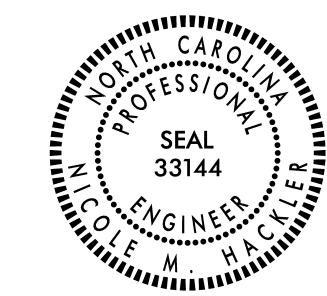
"W6" STEEL POST

SYSTEM PARTS

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 6 OF 8
862D02



DocuSigned by:
Nicole Hecker
088432024164C5
2/15/2023

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ORIGINAL BY: J. HOWERTON	DATE: 3-7-2018
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC.:	