

8.17.24

-DET-WBL- CURVE DATA		-DET-EBL- CURVE DATA	
PI Sta 316+48.00	PI Sta 325+12.73	PI Sta 317+76.32	
$\Delta = 17^{\circ} 32' 05.3" (RT)$	$\Delta = 10^{\circ} 33' 12.2" (RT)$	$\Delta = 30^{\circ} 20' 06.8" (RT)$	
D = 2' 26' 17.2"	D = 1' 02' 30.3"	D = 2' 28' 41.5"	
L = 719.19'	L = 1,013.05'	L = 1,224.09'	
T = 362.43'	T = 507.96'	T = 626.75'	
R = 2,350.00'	R = 5,500.00'	R = 2,312.00'	
SE = .06	SE = EXIST	SE = .06	
DS = 60 MPH	DS = 60 MPH	DS = 60 MPH	

PROJECT REFERENCE NO. **HB-0002** SHEET NO. **2B-2**

R/W SHEET NO.

ROADWAY DESIGN ENGINEER
5/13/2024
SEAL 35016
JONATHAN C. HEFFNER

HYDRAULICS ENGINEER
5/13/2024
SEAL 15833
JERRY L. LINDSEY

WETHERILL ENGINEERING
1223 JONES FRANKLIN Rd.
Raleigh, N.C. 27606
License No. F-0377
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

TEMPORARY SHORING
SEE TRAFFIC CONTROL PLANS FOR DESIGN PARAMETERS AND FINAL LOCATIONS.

NC GRID
NAD 83 NA 2011

MATCHLINE -DET-WBL- STA. 317+00 SEE SHEET 2B-1

**WIDEN EXISTING PAVEMENT
MATCH EXISTING TRAVEL LANE SLOPE
REPLACE EXISTING PAVED SHOULDER
-DET-WBL- STA. 322+50.00 TO
-L- STA. 331+50.00**

**END GRADE
-DET-WBL- STA. 322+50.00
TIE TO WIDENING OF
EXISTING PAVEMENT**

**END TEMPORARY SHORING
-DET-EBL- STA. 322+60 ±**

**END GRADE
-DET-EBL- STA. 324+00.00
TIE TO WIDENING OF
EXISTING PAVEMENT**

**WIDEN EXISTING PAVEMENT
MATCH EXISTING TRAVEL LANE SLOPE
-DET-EBL- STA. 324+00.00 TO 328+28.02**

FOR -DET-WBL- PROFILE, SEE SHEET: 11
FOR -DET-EBL- PROFILE, SEE SHEET: 11

REVISIONS

5/13/2024
11:58:11 AM
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