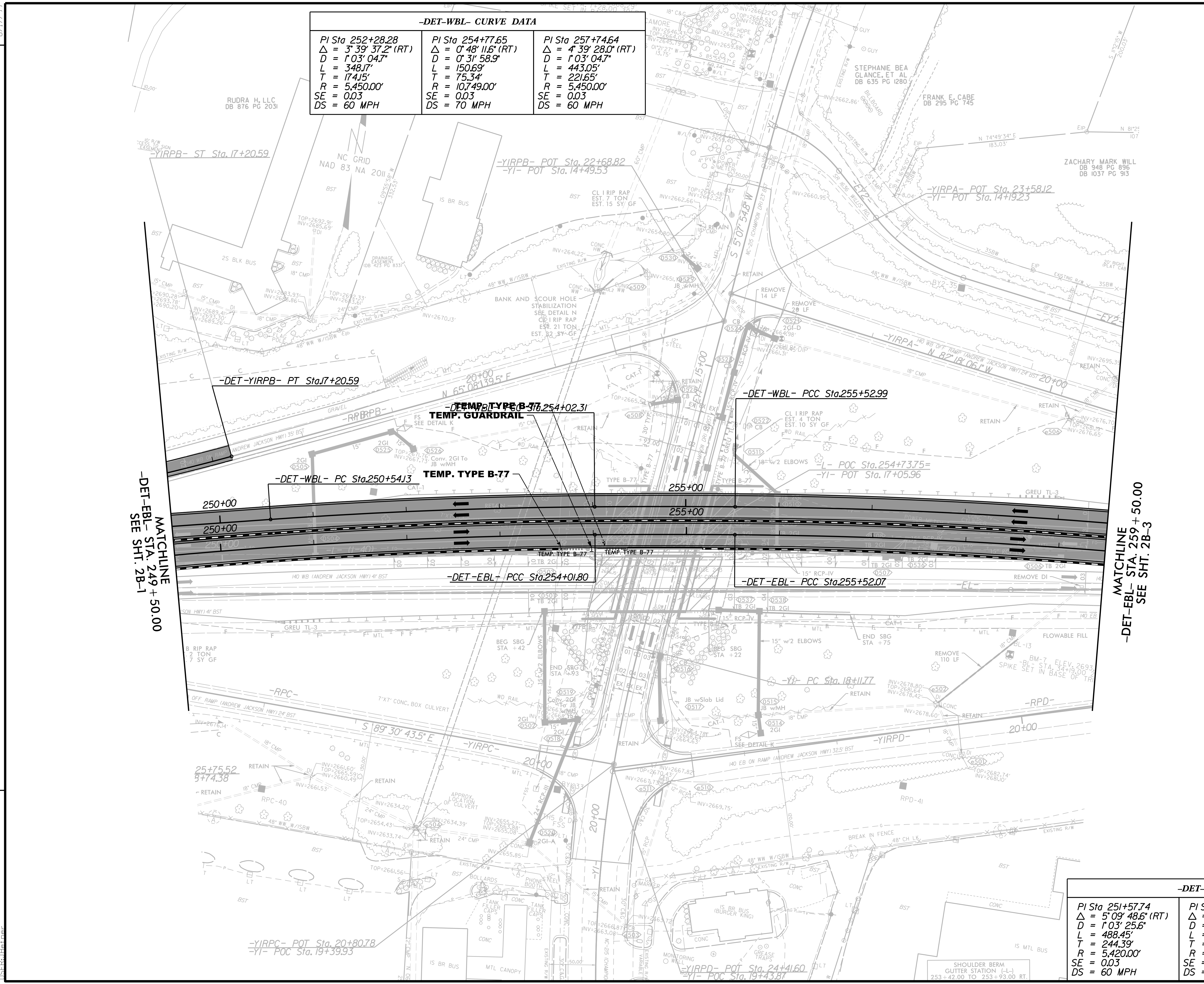


PROJECT REFERENCE NO. HB-0004	SHEET NO. 2B-2
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 5/16/2024	HYDRAULICS ENGINEER 5/16/2024
Designed by: Matthew C. Heifer	Documented by: Matthew L. Harve
 1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

-DET-WBL- CURVE DATA

PI Sta 252+28.28 $\Delta = 3^{\circ} 39' 37.2" (RT)$ $D = 1^{\circ} 03' 04.7"$ $L = 348.17'$ $T = 174.15'$ $R = 5,450.00'$ $SE = 0.03$ $DS = 60 MPH$	PI Sta 254+77.65 $\Delta = 0^{\circ} 48' 11.6" (RT)$ $D = 0^{\circ} 31' 58.9"$ $L = 150.69'$ $T = 75.34'$ $R = 10,749.00'$ $SE = 0.03$ $DS = 70 MPH$	PI Sta 257+74.64 $\Delta = 4^{\circ} 39' 28.0" (RT)$ $D = 1^{\circ} 03' 04.7"$ $L = 443.05'$ $T = 221.65'$ $R = 5,450.00'$ $SE = 0.03$ $DS = 60 MPH$
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-DET-EBL- CURVE DATA

PI Sta 251+57.74 $\Delta = 5^{\circ} 09' 48.6" (RT)$ $D = 1^{\circ} 03' 25.6"$ $L = 488.45'$ $T = 244.39'$ $R = 5,420.00'$ $SE = 0.03$ $DS = 60 MPH$	PI Sta 254+76.93 $\Delta = 0^{\circ} 48' 11.6" (RT)$ $D = 0^{\circ} 32' 04.3"$ $L = 150.27'$ $T = 75.13'$ $R = 10,719.00'$ $SE = 0.03$ $DS = 70 MPH$	PI Sta 258+79.34 $\Delta = 6^{\circ} 54' 39.2" (RT)$ $D = 1^{\circ} 03' 25.6"$ $L = 653.75'$ $T = 327.27'$ $R = 5,420.00'$ $SE = 0.03$ $DS = 60 MPH$
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REVISIONS

MATCHLINE
-DET-EBL- STA. 249 + 50.00
SEE SHT. 2B-1

MATCHLINE
-DET-EBL- STA. 259 + 50.00
SEE SHT. 2B-3

5/16/2024
11:58:11 AM
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ITSEB