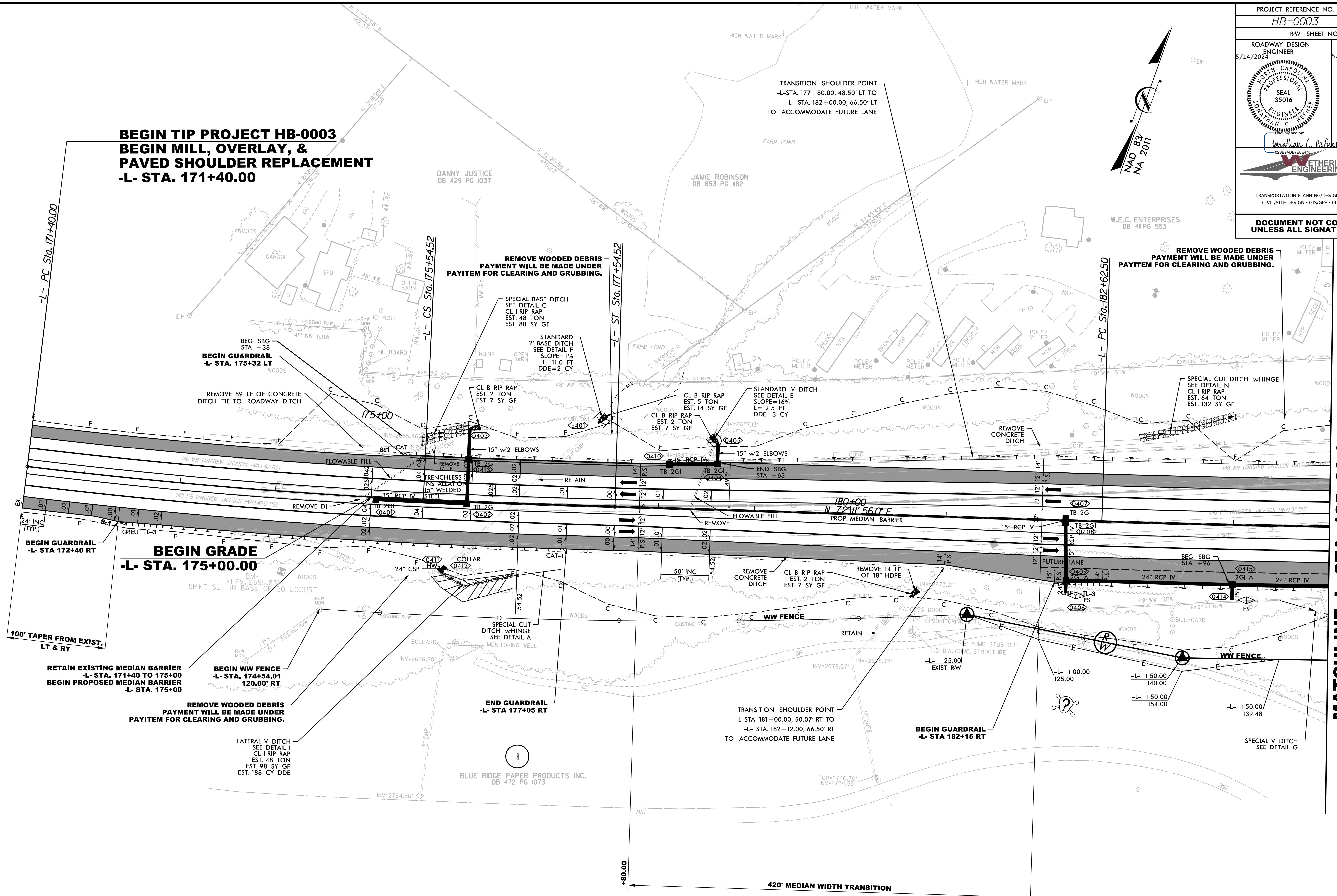


PROJECT REFERENCE NO. HB-0003	SHEET NO. 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 5/14/2024	HYDRAULICS ENGINEER 5/14/2024
WETHERILL ENGINEERING 1223 JONES FRANKLIN Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

**BEGIN TIP PROJECT HB-0003
BEGIN MILL, OVERLAY, &
PAVED SHOULDER REPLACEMENT
-L- STA. 171+40.00**



-L- CURVE DATA

PI Sta 173+47.35 $\Delta = 4^{\circ} 08' 42.6" (LT)$ $D = 1^{\circ} 00' 00.0"$ $L = 414.52'$ $T = 207.35'$ $R = 5,729.58'$ $SE = 04$ $DS = 70 \text{ MPH}$	PIs Sta 176+21.18 $\Theta_s = 1^{\circ} 00' 00.0"$ $L_s = 200.00'$ $LT = 133.34'$ $ST = 66.67'$	PI Sta 184+81.87 $\Delta = 1^{\circ} 44' 00.6" (LT)$ $D = 0^{\circ} 23' 42.5"$ $L = 438.70'$ $T = 219.37'$ $R = 14,500.00'$ $SE = NC$ $DS = 70 \text{ MPH}$
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FOR DRAINAGE DETAILS, SEE SHEET 2D-1
 FOR PROP. MEDIAN BARRIER DETAILS, SEE SHEETS 2C-1 THRU 2C-3
 FOR -L- PROFILES, SEE SHEET NO. 7

MATCHLINE -L- STA. 185+00 SEE SHEET 5

REVISIONS

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