

-L- CURVE DATA	-WBL- CURVE DATA	-EBL- CURVE DATA	-YIRPB- CURVE DATA	-YIRPC- CURVE DATA
PI Sta 243+03.65 $\Delta = 2' 53" 26.2" (LT)$ $D = 0' 23" 23.2"$ $L = 741.62'$ $T = 370.89'$ $R = 14,700.00'$ $SE = NC$ $DS = 70 MPH$	PI Sta 18+84.18 $\Delta = 2' 53" 26.2" (LT)$ $D = 0' 32" 07.7"$ $L = 539.82'$ $T = 269.97'$ $R = 10,700.00'$ $SE = RC$ $DS = 70 MPH$	PI Sta 21+23.12 $\Delta = 2' 53" 26.2" (LT)$ $D = 0' 23" 42.5"$ $L = 731.53'$ $T = 365.84'$ $R = 14,500.00'$ $SE = NC$ $DS = 70 MPH$	PI Sta 11+05.62 $\Delta = 0' 28" 08.4"$ $\Theta_s = 2' 00" 19.5"$ $L_s = 175.00'$ $LT = 105.62'$ $ST = 69.40'$	PI Sta 13+60.64 $\Delta = 8' 29" 36.0" (LT)$ $D = 2' 17" 30.6"$ $L = 370.59'$ $T = 185.64'$ $R = 2,500.00'$
			PI Sta 16+03.93 $\Theta_s = 2' 00" 19.3"$ $L_s = 175.00'$ $LT = 116.67'$ $ST = 58.34'$	PI Sta 12+58.31 $\Delta = 3' 37" 16.0" (RT)$ $D = 2' 37" 41.7"$ $L = 137.78'$ $T = 68.91'$ $R = 2,180.00'$
			PI Sta 11+31.08 $\Theta_s = 2' 17" 59.0"$ $L_s = 175.00'$ $LT = 116.68'$ $ST = 58.34'$	PI Sta 13+85.52 $\Theta_s = 2' 17" 59.0"$ $L_s = 175.00'$ $LT = 116.68'$ $ST = 58.34'$

PROJECT REFERENCE NO. **HB-0004** SHEET NO. **4**

RW SHEET NO.

ROADWAY DESIGN ENGINEER
5/16/2024

HYDRAULICS ENGINEER
5/16/2024

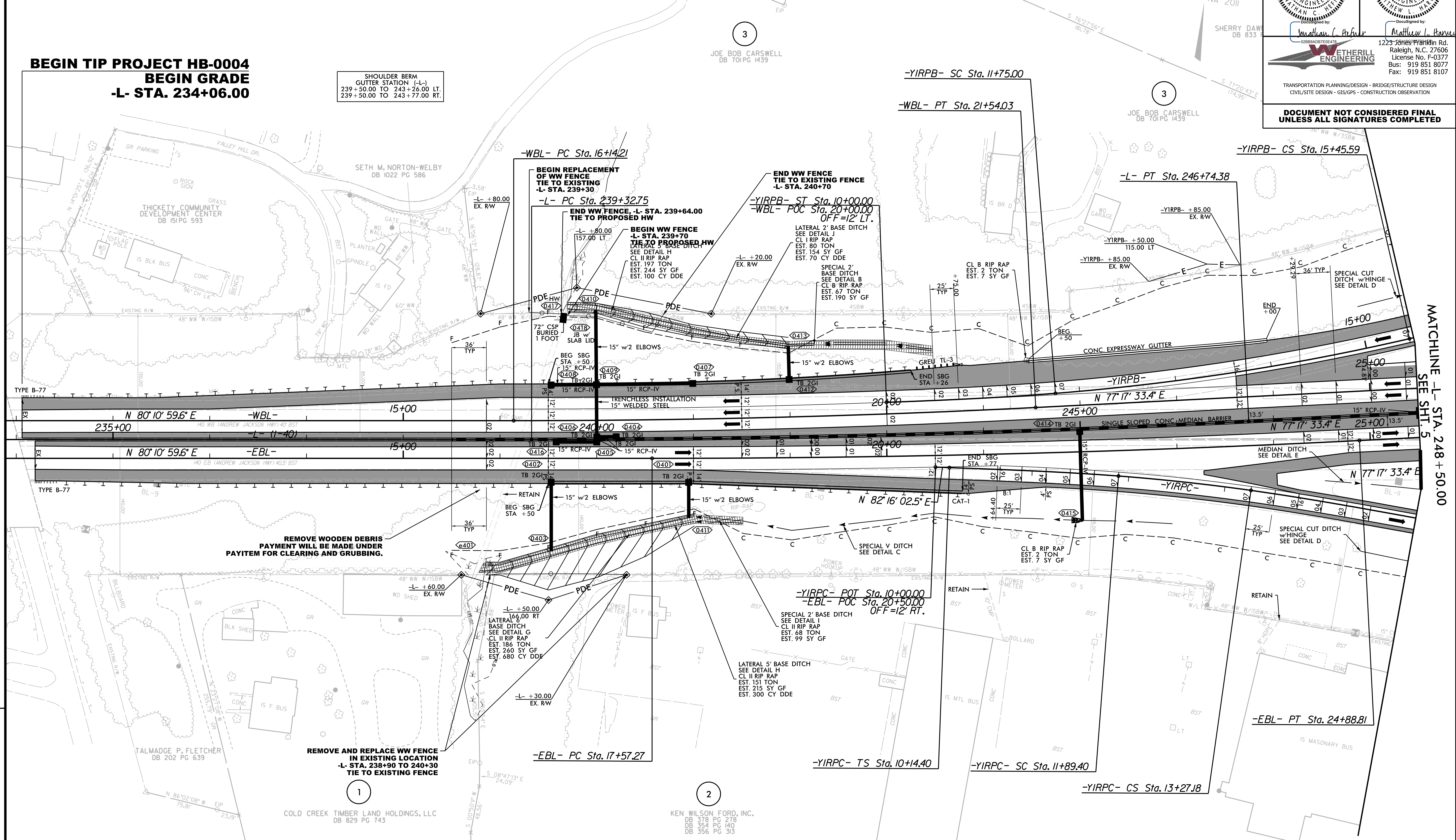
Professional Engineer Seal: Matthew L. Hance, License No. 053425

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WETHERILL ENGINEERING
1223 JONES FRANKLIN Rd.
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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-0004
BEGIN GRADE
-L- STA. 234+06.00**

SHOULDER BERM
GUTTER STATION (-L-)
239+50.00 TO 243+26.00 LT.
239+50.00 TO 243+77.00 RT.

**BEGIN REPLACEMENT
OF WW FENCE
TIE TO EXISTING
-L- STA. 239+30**

**-L- PC Sta. 239+32.75
END WW FENCE -L- STA. 239+64.00
TIE TO PROPOSED HW**

**BEGIN WW FENCE
-L- STA. 239+70
TIE TO PROPOSED HW**

**END WW FENCE
TIE TO EXISTING FENCE
-L- STA. 240+70**

**-YIRPB- ST Sta. 10+00.00
-WBL- POC Sta. 20+00.00
OFF=12' LT.**

LATERAL 2' BASE DITCH
SEE DETAIL J
CL II RIP RAP
EST. 80 TON
EST. 154 SY GF
EST. 154 CY DDE

SPECIAL 2' BASE DITCH
SEE DETAIL B
CL B RIP RAP
EST. 67 TON
EST. 190 SY GF

**REMOVE WOODEN DEBRIS
PAYMENT WILL BE MADE UNDER
PAYITEM FOR CLEARING AND GRUBBING.**

**REMOVE AND REPLACE WW FENCE
IN EXISTING LOCATION
-L- STA. 238+90 TO 240+30
TIE TO EXISTING FENCE**

-EBL- PC Sta. 17+57.27

**-YIRPC- POT Sta. 10+00.00
-EBL- POC Sta. 20+50.00
OFF=12' RT.**

LATERAL 5' BASE DITCH
SEE DETAIL H
CL II RIP RAP
EST. 151 TON
EST. 215 SY GF
EST. 300 CY DDE

-YIRPC- TS Sta. 10+14.40

-YIRPC- SC Sta. 11+89.40

-YIRPC- CS Sta. 13+27.18

-EBL- PT Sta. 24+88.81

FOR -WBL- PROFILE, SEE SHEET: 8
FOR -EBL- PROFILE, SEE SHEET: 8
FOR -YIRPB- PROFILE, SEE SHEET: 13
FOR -YIRPC- PROFILE, SEE SHEET: 13

REVISIONS

5/16/2024 HB0004_rdy_psh_04.dgn

8.17.799

MATCHLINE -L- STA. 248+50.00
SEE SH. 5