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8/17/99

REVISIONS

BRIDGE NO. 137

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.122	2B-1
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 030952 ENGINEER JENNIFER D. FARING — Digitally signed by — 4/2/2018

NORTH CAROLINA PROFESSIONAL SEAL 30188 ENGINEER WILL L. WEATHERSBEE — Digitally signed by — 4/2/2018

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/NA 2011

-LDET- CURVE DATA

PI Sta 10+81.05
△ = 48° 13' 57.5" (RT)
D = 35° 48' 35.5"
L = 134.69'
T = 71.63'
R = 160.00'
V = 25 MPH
SE = 02

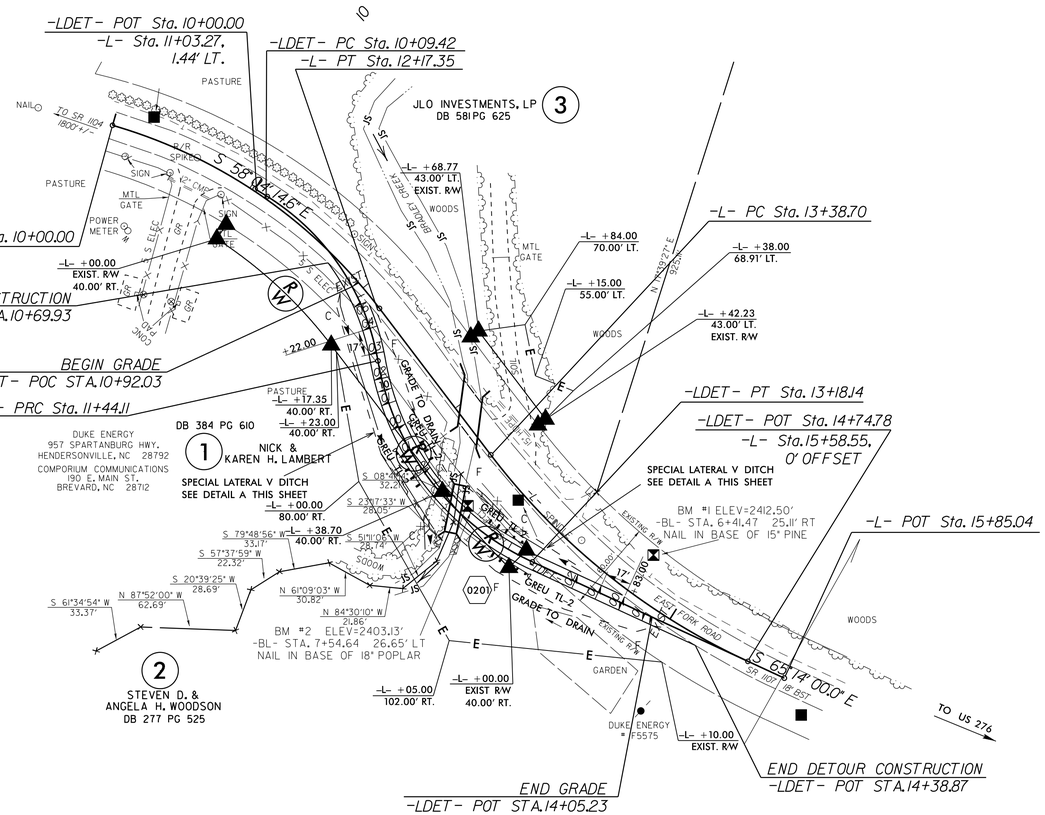
PI Sta 12+38.61
△ = 55° 23' 43.0" (LT)
D = 31° 49' 51.6"
L = 174.03'
T = 94.49'
R = 180.00'
V = 25 MPH
SE = 02

-L- CURVE DATA

PI Sta 11+12.53
△ = 36° 37' 36.4" (RT)
D = 16° 51' 06.1"
L = 217.35'
T = 112.53'
R = 340.00'
V = 35 MPH
SE = 06

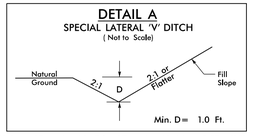
PI Sta 14+50.87
△ = 27° 59' 36.4" (LT)
D = 12° 43' 56.6"
L = 219.86'
T = 112.17'
R = 450.00'
V = 35 MPH
SE = 06

NOTE: USE SANDBAG HEADWALLS AT INLET AND OUTLET OF DETOUR TEMPORARY PIPE.

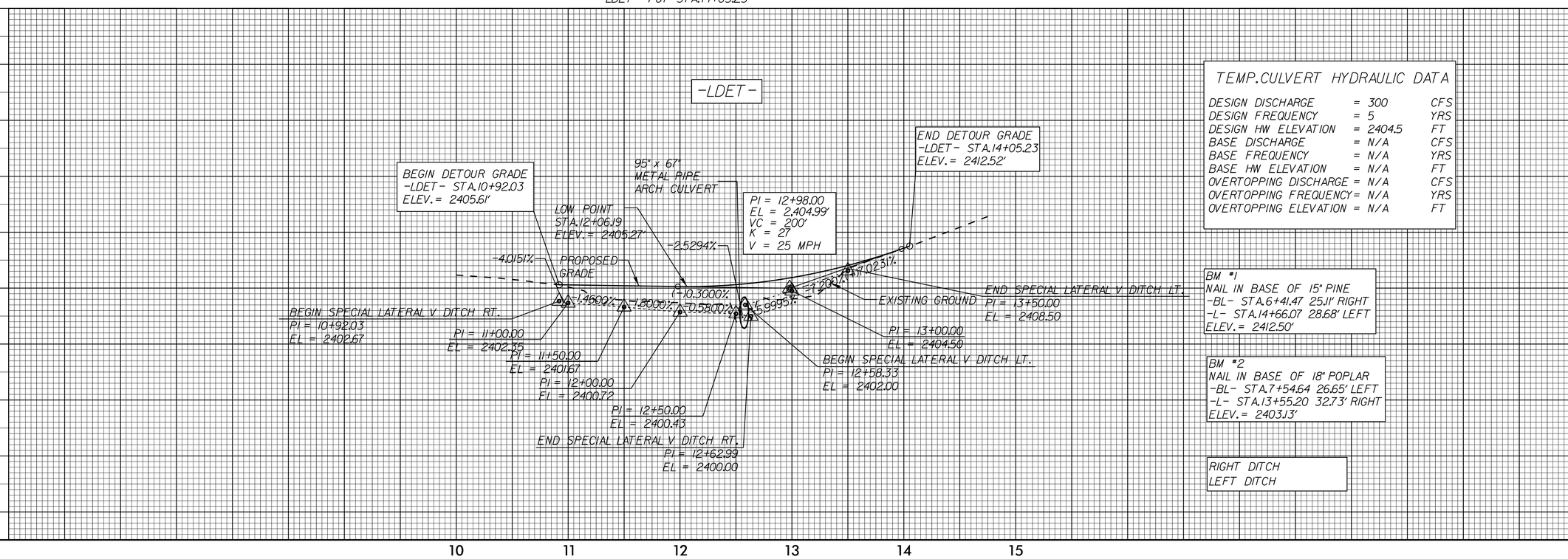


FOR ROADWAY PLAN, SEE SHEET 4

DETAIL A
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



FROM STA. 10+92 TO STA. 12+62.99 -LDET- (RT)
FROM STA. 12+58.33 TO STA. 13+50 -LDET- (LT)



TEMP.CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	=	300	CFS
DESIGN FREQUENCY	=	5	YRS
DESIGN HW ELEVATION	=	2404.5	FT
BASE DISCHARGE	=	N/A	CFS
BASE FREQUENCY	=	N/A	YRS
BASE HW ELEVATION	=	N/A	FT
OVERTOPPING DISCHARGE	=	N/A	CFS
OVERTOPPING FREQUENCY	=	N/A	YRS
OVERTOPPING ELEVATION	=	N/A	FT

BM #1
NAIL IN BASE OF 15" PINE
-BL- STA.6+41.47 25.11' RIGHT
-L- STA.14+66.07 28.68' LEFT
ELEV.= 2412.50'

BM #2
NAIL IN BASE OF 18" POPLAR
-BL- STA.7+54.64 26.65' LEFT
-L- STA.13+55.20 32.73' RIGHT
ELEV.= 2403.13'

RIGHT DITCH
LEFT DITCH

31-MAR-2018 13:42
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$$$$USERNAME$$$$