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PROJECT REFERENCE NO.	SHEET NO.
B-5404	4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 020031 ENGINEER
DENISE M. MORY
DSEC0F7684FC4BB...
11/11/2015

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 020031 ENGINEER
CAMERON W. LONG
885B1CE5A4C0B4F...
11/11/2015

Dewberry
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

CURVE DATA FOR -DRI-

PI Sta 10+34.58
△ = 57° 42' 47.3" (RT)
D = 114° 35' 29.6"
L = 50.36'
T = 27.55'
R = 50.00'

PI Sta 11+33.75
△ = 81° 22' 21.6" (LT)
D = 127° 19' 26.2"
L = 63.91'
T = 38.69'
R = 45.00'

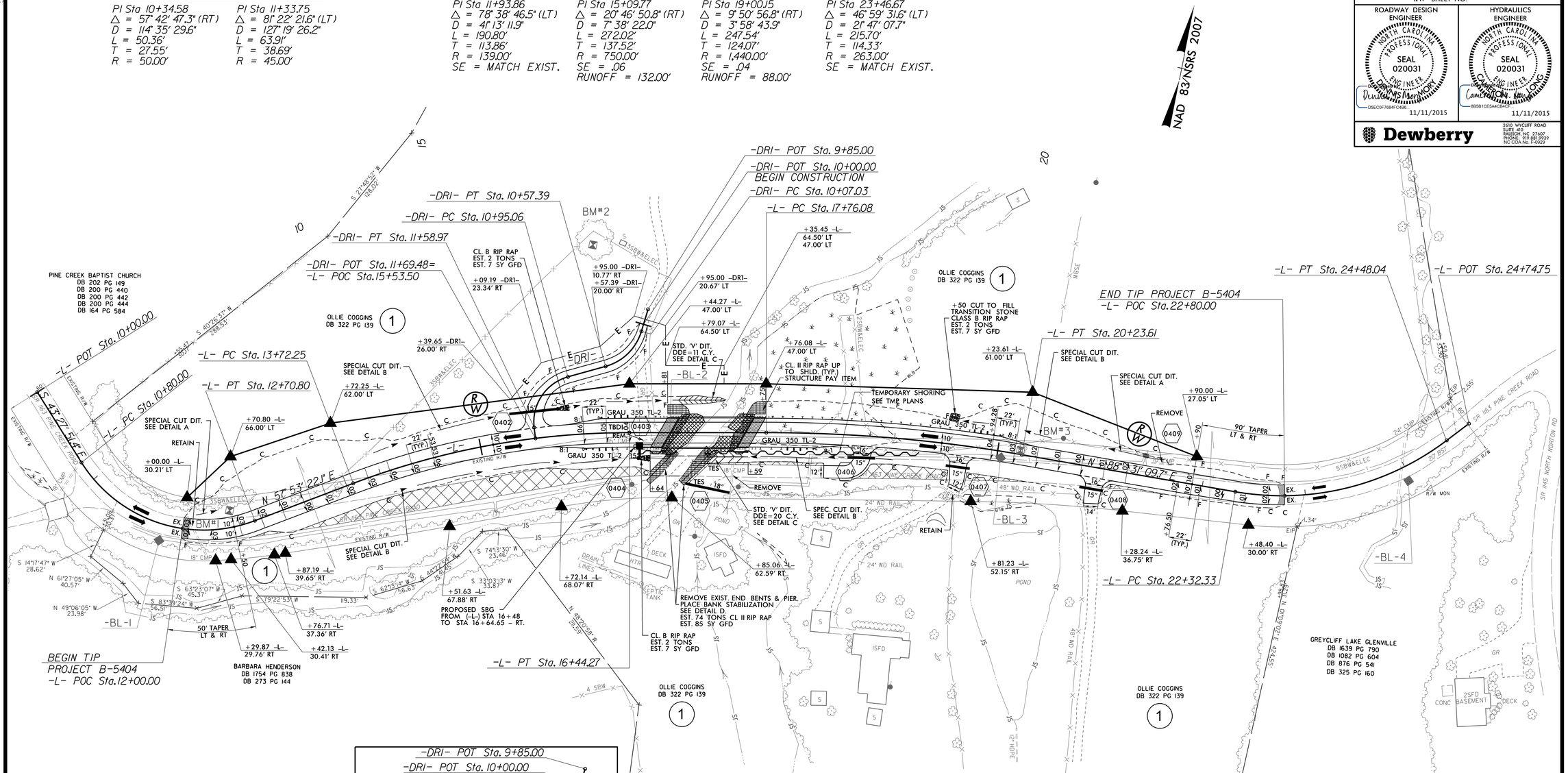
CURVE DATA FOR -L-

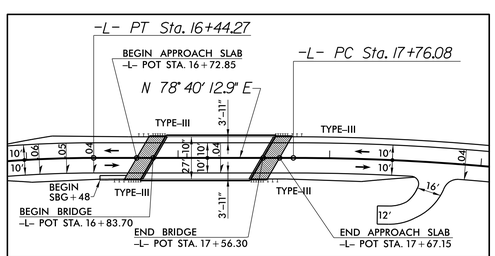
PI Sta 11+93.86
△ = 78° 38' 46.5" (LT)
D = 41° 13' 11.9"
L = 190.80'
T = 113.86'
R = 139.00'
SE = MATCH EXIST.

PI Sta 15+09.77
△ = 20° 46' 50.8" (RT)
D = 7° 38' 22.0"
L = 272.02'
T = 137.52'
R = 750.00'
SE = .06
RUNOFF = 132.00'

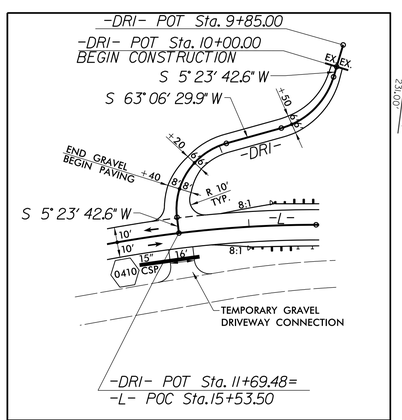
PI Sta 19+00.15
△ = 9° 50' 56.8" (RT)
D = 3° 58' 43.9"
L = 247.54'
T = 124.07'
R = 1,440.00'
SE = .04
RUNOFF = 88.00'

PI Sta 23+46.67
△ = 46° 59' 31.6" (LT)
D = 21° 47' 07.7"
L = 215.70'
T = 114.33'
R = 263.00'
SE = MATCH EXIST.





BRIDGE SKETCH



DETAIL - DRIVEWAY No. 1 (-DR1-)

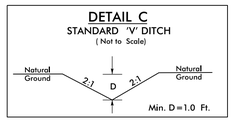
DETAIL A
SPECIAL CUT DITCH
(Not to Scale)

TRANSITION DITCH
FROM (-L-) STA. 12+10 TO STA. 12+50 - LEFT
FROM (-L-) STA. 21+00 TO STA. 21+50 - LEFT

DETAIL B
SPECIAL CUT DITCH
(Not to Scale)

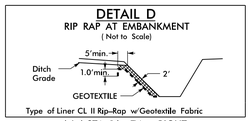
FROM (-L-) STA. 14+00 TO STA. 16+84 - LEFT
FROM (-L-) STA. 14+00 TO 16+74 (-L-) - RIGHT
FROM (-L-) STA. 17+59 TO STA. 19+00 (-L-) - RIGHT
FROM (-L-) STA. 19+50 TO STA. 20+50 (-L-) - LEFT

DETAIL C
STANDARD 'V' DITCH
(Not to Scale)



FROM (-L-) STA. 16+84 TO STA. 17+36 - LEFT
FROM (-L-) STA. 17+19 TO STA. 17+59 - RIGHT

DETAIL D
RIP RAP AT EMBANKMENT
(Not to Scale)



(-L-) STA. 16+74 - RIGHT
(-L-) STA. 17+19 - RIGHT

NOTE:
ALL DRIVEWAY RADII ARE 10'
UNLESS OTHERWISE NOTED

SEE SHEET 5 FOR -L- PROFILE
SEE SHEET 6 FOR -DR1- PROFILE
SEE SHEETS S-1 THRU S-14 FOR BRIDGE PLANS
SEE SHEET TMP-4 FOR TEMPORAY -DR1- CONNECTION

5/14/25
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