

METRIC

PROJECT REFERENCE NO. R-2552B SHEET NO. 7

R/W SHEET NO.

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 14493

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 026480

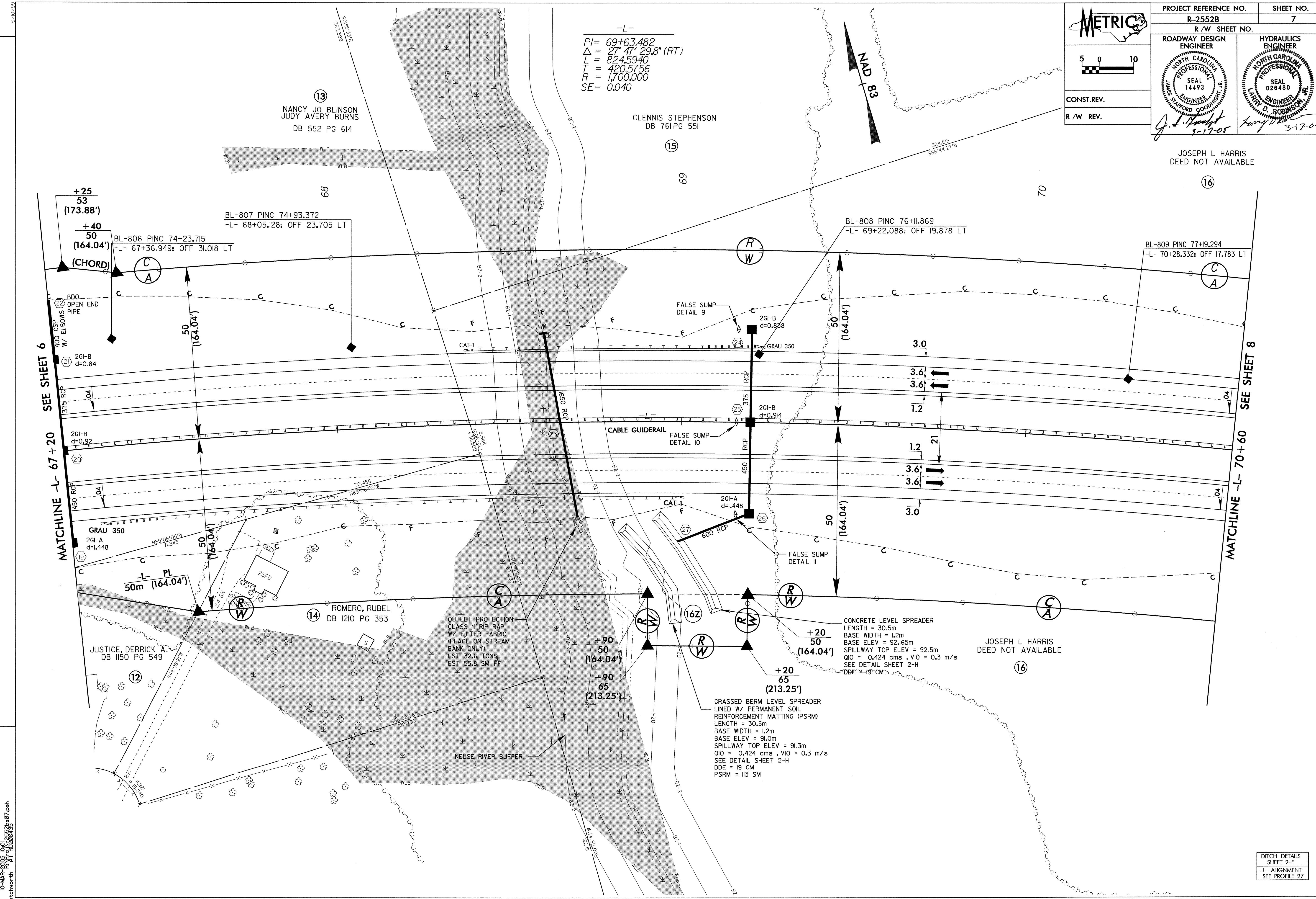
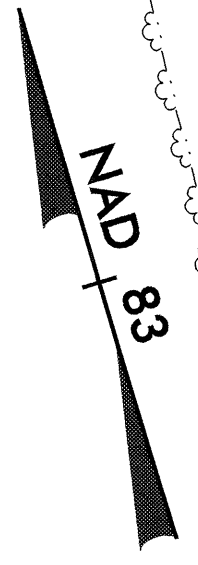
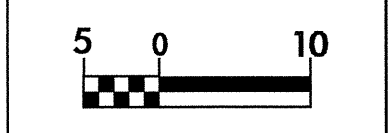
CONST. REV.

R/W REV.

3-17-05

JOSEPH L HARRIS
DEED NOT AVAILABLE

-L-
 PI= 69+63.482
 Δ = 27° 47' 29.8" (RT)
 L = 824.5940
 T = 420.5756
 R = 1,700.000
 SE = 0.040



+25
53
(173.88')

+40
50
(164.04')

(CHORD)

BL-807 PINC 74+93.372
 -L- 68+05.128: OFF 23.705 LT

BL-806 PINC 74+23.715
 -L- 67+36.949: OFF 31.018 LT

BL-808 PINC 76+11.869
 -L- 69+22.088: OFF 19.878 LT

BL-809 PINC 77+19.294
 -L- 70+28.332: OFF 17.783 LT

SEE SHEET 6
 MATCHLINE -L- 67 + 20

SEE SHEET 8
 MATCHLINE -L- 70 + 60

-L- PL
 50m (164.04')

ROMERO, RUBEL
 DB 1210 PG 353

JUSTICE, DERRICK A
 DB 1150 PG 549

OUTLET PROTECTION
 CLASS 1' RIP RAP
 W/ FILTER FABRIC
 (PLACE ON STREAM
 BANK ONLY)
 EST 32.6 TONS
 EST 55.8 SM FF

CONCRETE LEVEL SPREADER
 LENGTH = 30.5m
 BASE WIDTH = 1.2m
 BASE ELEV = 92.165m
 SPILLWAY TOP ELEV = 92.5m
 Q10 = 0.424 cms, V10 = 0.3 m/s
 SEE DETAIL SHEET 2-H
 DDE = 19 CM

GRASSED BERM LEVEL SPREADER
 LINED W/ PERMANENT SOIL
 REINFORCEMENT MATTING (PSRM)
 LENGTH = 30.5m
 BASE WIDTH = 1.2m
 BASE ELEV = 91.0m
 SPILLWAY TOP ELEV = 91.3m
 Q10 = 0.424 cms, V10 = 0.3 m/s
 SEE DETAIL SHEET 2-H
 DDE = 19 CM
 PSRM = 113 SM

JOSEPH L HARRIS
 DEED NOT AVAILABLE

REVISIONS

10-MAR-2005 10:01 AM AT RD206435-07.dwg
 MBLetchworth

DITCH DETAILS
 SHEET 2-F
 -L- ALIGNMENT
 SEE PROFILE 27