6/09/23

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•ENGINEERS • PLANNERS • ECOLOGISTS

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TRANSPORTATION PLANNING/DESIGN – BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN – GIS/GPS – CONSTRUCTION OBSERVATION

METRIC
5 0 10

DITCH LEGEND	
LEFT DITCH	----------
RIGHT DITCH	----------
MEDIAN DITCH	--------

CONST.REV.
R /W REV.

PROJECT REFERENCE NO.	SHEET NO.
R-2562D	43

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 21116 ENGINEER BOB A. MAY
10/2/07

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 26690 ENGINEER JEFFREY L. RECK

-L6-

BEGIN GRADE
-L6- STA. 11+80.000
INCLUDES MIN. RESURFACING
EL = 45.636

PVT STA. 12+80.000
EL = 45.565

PI = 13+30.000
EL = 45.530 m
VC = 100 m
K = 329

PVT / PVC STA. 13+80.000
EL = 45.343

PI = 14+50.000
EL = 45.081 m
VC = 140 m
K = 154

-0.0707% -0.3742% -0.3742% +0.5332%

(-) 0.3000% (+) 0.0000% (+) 0.3000% (-) 0.3000%

BEGIN DITCH LT.
-L6- STA.12+20.000
EL = 44.40

-L6- STA.13+80.000
EL = 43.930

-L6- STA.14+00.000
EL = 43.930

END DITCH LT.
-L6- STA.14+40.000
EL = 44.050

BEGIN DITCH RT.
-L6- STA.14+60.000
EL = 43.980

END DITCH RT.
-L6- STA.15+00.000
EL = 43.860

-L6- STA. 15+20.000
PVT STA. 15+20.000
EL = 45.454

SEE SHEET 16 FOR PLAN VIEW

+60 +80 12 +20 +40 +60 +80 13 +20 +40 +60 +80 14 +20 +40 +60 +80 15 +20

34 35 36 37 38 39 40 41 42 43 44 45 46 47

-L6-

-L6- STA 15+20.000
PVT STA. 15+20.000
EL = 45.454

PVC STA. 16+00.000
EL = 45.881

PI = 16+40.000
EL = 46.094 m
K = 239
VC = 80 m

PVC STA. 16+80.000
EL = 46.174

END GRADE
-L6- STA. 17+57.233 =
-LREV- 49+53.009 (7.800 RT)
EL = 46.327

46.199

+0.5332% +0.1988% +0.1988% -1.7536%

(+) 0.5000% (+) 0.3000%

BEGIN DITCH LT.
-L6- STA.15+20.000
EL = 44.100

-L6- STA.15+80.000
EL = 44.400

END DITCH LT.
-L6- STA.16+40.000
EL = 44.580

-L6- 17+65.135 =
-LREV- 49+54.264
EL = 46.189

SEE SHEET 16 & 17 FOR PLAN VIEW

+20 +40 +60 +80 16 +20 +40 +60 +80 17 +20 +40 +60

34 35 36 37 38 39 40 41 42 43 44 45 46 47

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MTaylor