PROJECT REFERENCE NO.	SHEET NO.
R-2206C	69
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC 5 0 10

CONST.REV.

R /W REV.

NORTH CAROLINA PROFESSIONAL SEAL 15356 ENGINEER RONALD DAVID ALLEN 9-2-04

NORTH CAROLINA PROFESSIONAL SEAL 14160 ENGINEER DOUGLAS B. SANDERS 9/16/04

(RAMP A @ NC 150)

-RPA-

BEGIN GRADE
-RPA- STA. 10+00.000 =
-L- STA. 243+20.000 EP (16.2m LT)
EL = 298.017

PI = 11+60.000
EL = 296.750 m
VC = 200 m
K = 43
V = 70 km/h +

-0.7919%

-0.7919%

-5.4829%

(+) 0.0000%

(+) 2.6889%

BEGIN LAT. 'V' DITCH
-RPA- STA.11+25 RT.
EL = 291.390

PI =11+35.000
EL = 292.190

END LAT. 'V' DITCH
-RPA- STA.11+80 RT.
EL = 293.400

(-) 5.0000%

BEGIN BERM 'V' DITCH
-RPA- STA.12+45 RT.
EL = 292.000

(-) 5.1200%

PI =12+65.000
EL = 290.800

PI =13+05.000
EL = 288.752

(-) 4.9200%

-5.4829%

286.881

SEE SHEETS 21 & 22 FOR PLAN VIEW

(RAMP A @ NC 150)

-RPA-

PI = 14+40.000
EL = 281.398 m
VC = 140 m
K = 18
V = 50 km/h +

286.881

PI =13+65.000
EL = 286.100

PI =13+85.000
EL = 285.700

PI =14+25.000
EL = 282.400

(-) 4.4200%

-5.4829%

(-) 2.0000%

(-) 8.2500%

-5.4829%

(-) 8.0750%

(-) 4.2588%

(+) 0.3000%

(+) 0.2800%

+2.0851%

END GRADE
-RPA- STA. 15+52.607 =
-Y14- STA. 14+50.000 EP (5.4m LT)
EL = 283.746

BEGIN SPECIAL CUT DITCH
-LDET- STA.14+25 LT.
EL = 281.830

PI =14+42.000
EL = 281.106

PI =14+65.000
EL = 281.175

END SPECIAL CUT DITCH
-LDET- STA.14+71.429 LT.
EL = 281.193

END LAT. 'V' DITCH GRADE
-RPA- STA.14+46 RT.
EL = 280.785

SEE SHEET 21 FOR PLAN VIEW

15-JUL-2004 15:45
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SECalhoun AT RD192296