7/2/99

SEE SHEET 28 FOR -L- PROFILE
SEE SHEET 36 FOR -Y11- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
U-0620	11
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18946 ENGINEER K. DONALD HURLEY
9-27-04

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18442 ENGINEER RICHARD LEON BOWDEN, JR.
9-27-04

Carter-Burgess
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TRANSITE CONSULTING ENGINEERS, INCORPORATED
ENGINEERS • PLANNERS • CEI
1300 Paddock Drive, Suite G-10
Raleigh, N.C. 27609
OFFICE 919-873-2401 FAX 919-873-2404

ALL DRIVEWAYS ARE 20' WIDE UNLESS OTHERWISE NOTED

NAD 83

DETAIL N
LATERAL BASE DITCH
(Not to Scale)
Natural Ground, 3:1, D, 3:1, b, 8', Fill Slope, PGL, B
Min. D = 1.0 Ft
b = 5.0 Ft
B = 20.0 Ft
-L- 105+50 to 105+80 (LT)

DETAIL O
RIP RAP @ EMBANKMENT
(Not to Scale)
Ditch Grade, 2.0', 1.5', 2.0', PGL
Type of Liner = CL. 'I'
Est. 17.0 Tons
-L- 105+80 (LT)

DETAIL P
RIP RAP @ EMBANKMENT
(Not to Scale)
Ditch Grade, 2.0', 1.5', 2.0', PGL
Type of Liner = CL. 'I'
Est. 4.0 Tons
-L- 107+10 (LT)

DETAIL Q
LATERAL BASE DITCH
(Not to Scale)
Natural Ground, 3:1, D, 3:1, b, 8', Fill Slope, PGL, B
Min. D = 1.0 Ft
b = 5.0 Ft
B = 3.0 Ft
-L- 107+10 to 109+80 (LT)

DETAIL R
SPECIAL LATERAL 'V' DITCH
(Not to Scale)
Natural Ground, 2:1, D, 4:1 or Flatter, Fill Slope, PGL
Min. D = 1.0 Ft
-L- 112+60 to 113+50 (LT)

DETAIL S
BERM 'V' DITCH
(Not to Scale)
MIN. ELEV. =
Natural Ground, 2:1, D, 2:1, b, 2:1, PGL
b = 3.0 Ft
Min. D = 1.0 Ft
-L- 113+50 to 115+50 (LT)

110

115

20' LAT. BASE DITCH SEE DETAIL N

PERM. CHECK DAM

END FENCE -72.29 -L- 70.34 (LT)

RIP RAP @ EMBANKMENT SEE DETAIL O

RIP RAP @ EMBANKMENT SEE DETAIL P

3' LAT. BASE DITCH SEE DETAIL Q

VANCE ANDREW BLANTON

END CULVERT 106+44.66

BEG FENCE -60.12 -L- 69.78 (LT)

PERM. CHECK DAMS

PERM. CHECK DAM

BL-15
PINC 110+23.02 EL=119.97
-L- 108+74.53 3.49 LT

CL. 'B' RIP RAP EST. 3 TONS EST. 10 S.Y.F.F.

+96.00 -L- 52.68 (LT) 90.00 (RT)

+00.00 -L- 72.00 (LT)

BEG FENCE +80.00 -L- 52.542 (LT)

END FENCE -20.00 -L- 52.742 (LT)

+45.00 -L- 52.00 (LT) 90.00 (LT)

+45.00 -L- 74.50 (LT)

+00.00 -L- 79.00 (LT)

+17.12 -L- 52.00 (LT)

+75.00 -L- 100.00 (LT)

SPEC. LAT. 'V' DITCH SEE DETAIL R

87 N. H. MCGEACHY, JR.

BERM 'V' DITCH SEE DETAIL S

+80.00 -L- 70.00 (LT)

END FENCE +52.00 -L- 52.00 (LT)

+56.00 -L- 52.00 (LT) 83.00 (LT)

+56.00 -L- 70.73 (LT)

+50.00 -L- 77.00 (LT)

BL-17
PINC 118+52.67 EL=132.77
-L- 116+95.96 39.10 LT

+08.00 -L- 52.00 (LT) 75.00 (LT)

BEG FENCE +22.00 -L- 52.00 (LT)

+28.00 -L- 52.00 (LT) 75.00 (LT)

PDE

MATCHLINE STA 105+00 SEE SHEET NO. 10

MATCHLINE STA 118+00 SEE SHEET NO. 12

BEG CULV 106+19.52

84 ERNEST RICKY BAREFOOT

+25.00 -L- 54.00 (RT)

+30.08 -L- 73.00 (RT)

+41.00 -L- 115.00 (RT)

HELEN B. NORRIS 85

END FENCE +36.73 -L- 64.04 (RT)

SEE STRUCTURE SHEET NUMBERS THROUGH

+51.00 -L- 115.00 (RT)

+29.28 P/L

+33.00 -L- P/L

BEG FENCE -10.41 -L- 65.61 (RT)

WAYNE G. EGAN

+55.12 -L- 54.00 (RT)

+30.00 -L- 54.00 (RT)

+17.12 -L- 54.00 (RT)

+40.00 -L- 85.00 (RT) 100.00 (RT)

+55.00 -L- 85.00 (RT) 100.00 (RT)

+30.00 -L- 85.00 (RT) 100.00 (RT)

+45.00 -L- 85.00 (RT) 100.00 (RT)

+50.00 -L- 76.00 (RT)

+00.00 -L- 54.00 (RT) 97.00 (RT)

CL. 'B' RIP RAP EST. 2 TONS EST. 7 S.Y.F.F.

+36.00 -L- 54.00 (RT) 97.00 (RT)

+43.00 -L- 124.00 (RT)

+68.00 -L- 54.00 (RT) 80.00 (RT)

END FENCE -17.39 -L- 59.00 (RT)

BL-16
PINC 115+22.91 EL=124.72
-L- 113+73.31 29.03 RT

87 N. H. MCGEACHY, JR.

-Y11- P.O.C. Sta. 15+00.00
END CONSTRUCTION

BL-14
PINC 105+67.64 EL=126.06
-L- 104+95.99 219.42 RT
-Y11- 14+31.40 18.55 RT

ALBERT E. NORTON, JR.

TIE TO EXISTING

-Y11-
PI Sta 12+55.38
Δ = 28° 45' 00.0" (RT)
D = 5° 45' 00.0"
L = 500.00'
T = 255.38'
R = 996.45'
SE = EXIST

-L-

PIs Sta 93+06.55	PI Sta 101+99.17	PIs Sta 110+09.13
Θs = 2° 13' 39.0"	Δ = 43° 51' 02.9" (LT)	Θs = 2° 13' 39.0"
Ls = 162.00'	D = 2° 45' 00.0"	Ls = 162.00'
LT = 108.01'	L = 1,594.57'	LT = 108.01'
ST = 54.01'	T = 838.63'	ST = 54.01'
	R = 2,083.48'	
	SE = 0.045	
	INC = 36	

5" MONOLITHIC ISLAND (KEYED IN) & SIDEWALK
PAINT STRIPED LANE CLOSURE
PAVEMENT REMOVAL

03:51:01 PM
C:\Roadway\Proj\U0620_RDY_PSH_11.DGN
09/24/2004