7/2/99

PROJECT REFERENCE NO.	SHEET NO.
U-0620	8
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 18948 ENGINEER R. DONALD HURLEY — 7/18/05

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 18442 ENGINEER RICHARD LEON BOURGEOIS JR — 7/18/05

Carter-Burgess
Consultants in Planning, Engineering, Architecture, Construction Management and Related Services
5811 Glenwood Avenue, Suite 300
Raleigh, North Carolina 27612

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
BREAK UP AND REMOVE EXISTING PAVEMENT
UNDERNEATH PROPOSED RAISED MEDIAN.

SEE SHEET 27 FOR -L- PROFILE
SEE SHEET 34 FOR -Y7- PROFILE
SEE SHEET 35 FOR -Y8- PROFILE
SEE SHEET 37 FOR -SERV2- PROFILE

NAD 83

TIE TO PROJECT U-2308

+60.00 -Y8- EXIST. R/W -Y8- POC Sta. 15+03.36
BEGIN CONSTRUCTION

BL-10 PINC 74+40.36 EL=162.82
BY6-70 PINC 11+26.79 EL=162.82
-L- 74+58.78 85.16 LT
-Y8- 16+87.15 32.28 LT

-L- POT Sta. 74+74.68 =
-Y8- POC Sta. 17+67.43

MATCHLINE STA 64+00 SEE SHEET NO. 7

MATCHLINE STA 78+00 SEE SHEET NO. 9

BY5-48 POT 5+00.00 EL=171.27

POT Sta. 10+00.00

-Y7- POT Sta. 11+00.00
BEGIN CONSTRUCTION

PT Sta. 70+25.06

END CONSTRUCTION
POT Sta. 13+50.55

POT Sta. 10+56.80

-SERV2-

-L-

TEMPORARY ASPHALT CURB PLACED UNDER U-2308 TO BE REMOVED

TEMP. ASPHALT CURB PLACED UNDER U-2308 TO BE REMOVED

TEMPORARY ASPHALT CURB PLACED UNDER U-2308 TO BE REMOVED

-L- POT Sta. 74+74.68 =
-Y8- POC Sta. 17+67.43

PT Sta. 19+40.05

PC Sta. 19+88.79

-Y8- POC Sta. 20+24.67
END CONSTRUCTION

TIE TO PROJECT U-2308

BL-9
PINC 64+93.65 EL=162.61
-L- 65+16.29 8.28 RT

BL-49 PINC 68+17.86 EL=163.84
BY5-149 POT 8+03.74 EL=163.84
-L- 68+38.75 26.68 LT
-Y7- 12+24.67 16.60 RT
-Y7- POT Sta. 12+70.00 =
-L- POC Sta. 68+79.00

-SERV1- POT Sta. 10+00.00 =
-L- POC Sta. 69+62.00

JEANETTE TROGDON
D. W. CROSSROADS, INC.
DOROTHY M. HALES
CHARLES ANDREW DALTON
RUTH DALTON
WILLIAM C. LONG
MARCH F. RIDDLE
WILLIAM HOWARD DEAN
A. S. BYRD, et. al.
GRANVILLE JACKSON
CHARLES B. AUSTIN
GLADYS JACOBS
DONALD STRICKLAND
VINCENZO FUDA
MUR RUTH EVERITTE, LIFE ESTATE

2' BASE DITCH
SEE DETAIL J
So = 2.02%
D.D.E. = 10 C.Y.

2' LAT. BASE DITCH
SEE DETAIL L

VAR. WIDTH BASE DITCH
SEE DETAIL K
So = 0.62%
D.D.E. = 5 C.Y.

CL. 'I' RIP RAP
EST. 11 TONS
EST. 22 S.Y.F.F.

CL. 'I' RIP RAP
EST. 7 TONS
EST. 17 S.Y.F.F.

CONVERT TO DITO JB

CONVERT DITO CB

TEMP. ASPHALT CURB PLACED UNDER U-2308 TO BE REMOVED

NO ASSOCIATED PIPING FOUND FOR WATER METERS IN THIS AREA.

RETAIN EX R/W

RETAIN

REMOVE

RETAIN EX R/W S 44° 37' 27" E 37.69

RETAIN S 51° 30' 04.2" E

S 55° 17' 12" E

S 7° 06' 54.8" W

N 38° 29' 55.8" E

S 55° 35' 50" W

DETAIL J
BASE DITCH
(Not to Scale)
Natural Ground 2:1 D 2:1 Natural Ground
PGL B
Min. D = 1.0 Ft
B = 2.0 Ft
-L- 64+70 (LT)

DETAIL K
VARIABLE WIDTH BASE DITCH
(Not to Scale)
Natural Ground 2:1 D 2:1 Natural Ground
PGL B
Min. D = 1.0 Ft
B = * Ft
-L- 66+20 (RT)
* VARIES 2.0' to 6.0'

DETAIL L
LATERAL BASE DITCH
(Not to Scale)
Natural Ground 2:1 D 2:1 b Fill Slope 8:1
PGL B
Min. D = 1.0 Ft
b = 3.0 Ft
B = 2.0 Ft
-L- 70+50 to 71+80 (LT)

-L-	-Y8-	-Y8-
PI Sta 65+53.29	PI Sta 14+70.29	PI Sta 24+31.32
Δ = 2° 21' 32.9" (LT)	Δ = 4° 42' 00.9" (RT)	Δ = 23° 58' 58.5" (LT)
D = 0° 15' 00.0"	D = 0° 30' 00.0"	D = 2° 45' 00.0"
L = 943.66'	L = 940.05'	L = 872.11'
T = 471.90'	T = 470.29'	T = 442.53'
R = 22,918.31'	R = 11,459.16'	R = 2,083.48'
SE = NC = 0.025	SE = SEE PLANS	SE = SEE PLANS

NC 59 — ADT 2003 21,400 / 2023 28,600
GEORGE OWEN RD (HOPE MILLS BYPASS) — 9,000 / 16,200 — 200 / 400 — 2,200 / 6,200 — 9,800 / 20,100
2,400 / 4,200 — 1,200 / 2,300 — 22,600 / 28,500

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

09:48:09 AM
C:\Projects\U0620_RDY_PSH_08.DGN
07/18/2005