980020	PROJECT REFERENCE NO.	SHEET NO.
	17BP.11.R.146	EC-5/CONST 4
	R/W SHEET NO.	
	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

5/14/99

-L-

PI Sta 10+42.13
△ = 11° 43' 57.1" (LT)
D = 13° 58' 28.5"
L = 83.96'
T = 42.13'
R = 410.00'
SE = EXIST

PI Sta 11+34.72
△ = 22° 57' 25.5" (LT)
D = 22° 55' 05.9"
L = 100.17'
T = 50.77'
R = 250.00'
SE = .04
R0 = 60'
DS = 25 MPH

PI Sta 14+78.02
△ = 31° 36' 31.5" (RT)
D = 28° 38' 52.4"
L = 110.34'
T = 56.61'
R = 200.00'
SE = .04
R0 = 60'
DS = 25 MPH

PI Sta 15+57.44
△ = 25° 11' 41.5" (RT)
D = 49° 49' 20.7"
L = 50.57'
T = 25.70'
R = 115.00'
SE = EXIST

PI Sta 16+21.95
△ = 21° 10' 50.0" (RT)
D = 27° 01' 34.7"
L = 78.37'
T = 39.64'
R = 212.00'

-DRI-

PI Sta 10+26.45
△ = 13° 26' 18.6" (LT)
D = 81° 51' 04.0"
L = 16.42'
T = 8.25'
R = 70.00'

-DR2-

PI Sta 10+22.30
△ = 27° 15' 22.3" (LT)
D = 62° 16' 40.9"
L = 43.77'
T = 22.30'
R = 92.00'

PI Sta 10+87.19
△ = 19° 06' 19.7" (RT)
D = 52° 05' 13.5"
L = 36.68'
T = 18.51'
R = 110.00'

BM2
ELEVATION = 777.27
N 858367 E 1504916
-L- Sta.16+16.55 OFFSET 114.13' RT

UTILIZE SPECIAL STILLING BASINS AS NEEDED

NAD 83 NC GRID 2011

GRAPHIC SCALES
20' 0' 20' 40'
PLAN
20' 0' 20' 40'
PROFILE (HORIZONTAL)
10' 0' 10' 20'
PROFILE (VERTICAL)

20-1
JAMES CHARLES STEELMAN
DB 93 PG 517

20-2
RUTH H. MYERS (LE)
DB 1016 PG 389

20-3
GEORGE D. REAVIS AND
JEANETTE L. REAVIS
DB 584 PG 388

MATTHEW D. WARDEN
DB 1034 PG 578
PB 11 PG 232

SOUTH DEEP CREEK

RIP RAP AT EMBANKMENT
SEE DETAIL A

STANDARD BASE DITCH
SEE DETAIL B

-L- PCC Sta. 10+83.96

-L- PT Sta. 11+84.13

RETAIN
18" CMP

PROP O/H COMMUN LINES

PROP U/G COMMUN CABLES

3@36"
PIPES

BEGIN PROJECT
-L- POC STA.11+07.00

PROPOSED EXCAVATION

CL II RIP RAP
W/ GEOTEXTILE
(STRUCTURES ITEM)

CL II RIP RAP
W/ GEOTEXTILE
(STRUCTURES ITEM)

S 62° 01' 37.8" E
-L-

-DRI- POT Sta. 10+00.00

-DRI- PC Sta. 10+18.21

-DRI- PT Sta. 10+34.62

BEGIN CONSTRUCTION
-DRI- Sta.10+45.00

S 31° 33' 41.4" W

-L- PC Sta. 14+21.41

-L- PC Sta. 14+50.11=
-DRI- POT Sta. 10+90.93

-DR2- PC Sta. 10+00.00

-DR2- PT Sta. 10+43.77

SPECIAL CUT DITCH
SEE DETAIL C

SPECIAL CUT DITCH
SEE DETAIL D

S 34° 50' 39.0" W

-DR2- PC Sta. 10+68.68

BEGIN CONSTRUCTION
-DR2- Sta.10+85.00

RETAIN
15" CMP

-DR2- PT Sta. 11+05.36

S 53° 56' 58.7" W

-L- POC Sta. 15+18.00=
-DR2- POT Sta. 11+20.89

-L- PCC Sta. 15+31.74

END PROJECT
-L- POC STA.15+63.00

-L- PCC Sta. 15+82.31

-L- PT Sta. 16+60.68

BM 2

BRIDGE PAVEMENT RELATIONSHIP SKETCH

BEGIN BRIDGE
-L- STA.12+82.31

END APPROACH SLAB
-L- STA.14+10.57

S 62° 01' 37.8" E
-L-

27'-10" CLEAR ROADWAY WIDTH
30'-0" (OUT-OUT)

BEGIN APPROACH SLAB
-L- STA.12+71.44

END BRIDGE
-L- STA.13+99.69

TYPE-III

GREU TL-2

AT-1

FOR -L-, -DRI-, & -DR2- PROFILES SEE SHEET 5

PLANS PREPARED BY :
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