PROJECT REFERENCE NO.	SHEET NO.
U-4424	EC-10/CONST.10
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PLANS PREPARED BY:
WSP USA
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 1.919.836.4040
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LICENSE NO. F-0165

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 10

NAD 83/2011

DETAIL 16
US CULVERT CHANNEL IMPROVEMENTS
(Not to Scale)

Natural Ground, 2:1, d, D, B, Geotextile, 2:1 or Flatter, Fill Slope

Min. D = 4 Ft.
Max. d = 6 Ft.
B = 8Ft. to Existing
Excavation = 15 cy

Type of Liner = Est. 29 Tons Class 'B' Rip-Rap
Est. 44 SYGF

FROM -L- STA. 96+20 TO STA. 96+50 LT.

MATCH LINE SEE SHEET 09
-L- STA. 91+50.00

MATCH LINE SEE SHEET 11
-L- STA. 105+50.00

-L- POT Sta. 97+24.94 =
-Y5- POT Sta. 12+03.06

-L- TS Sta. 97+75.72

-L- SC Sta. 99+75.72

-L- POC Sta. 104+68.35 =
-Y6- POT Sta. 9+98.97

-Y6- POT Sta. 12+00.86

END CONSTRUCTION
-Y6- STA.11+30.00

BEGIN PROP.
2'-6" C&G, +54.79

END PROP.
2'-6" C&G,
+43.17

N 23°44'56.4" W
-Y6-

N 47° 40' 04.8" E

BEGIN PROP.
MULTI-USE PATH, +49.47

N 43° 47' 26.9" W

BEGIN PROP.
2'-6" C&G, +53.35

END PROP.
MULTI-USE
PATH, +02.95

END PROP.
2'-6" C&G, +50

-Y5- PT Sta. 10+92.58

N 40° 09' 26.9" W

-Y5- PC Sta. 10+32.07

BEGIN CONSTRUCTION
-Y5- STA.10+50.00

-Y5- POT Sta. 10+00.00

UPSTREAM CULVERT
CHANNEL IMPROVEMENTS
SEE DETAIL 16

SPECIAL LATERAL
VARIABLE WIDTH
BASE DITCH
SEE DETAIL 13

PLUG AND FILL

RETAIN

REMOVE

15" RCP-IV

18" RCP-IV

20' DR

24' DR

32' DR

14' DR

R=30'

BM6

NC 111/WILSON ST, 28' BST

SIMPSON DR, 21' BST

WILLIAM DR, 23' BST

ROBERT G WEBB
DB 1537 PG 0939
MB 10 PG 43

LINDA H DOLBERRY
DB 1355 PG 0714
MB 10 PG 43

BARBARA JEAN DAWKINS
DB 1587 PG 1175
MB 10 PG 43

JOSHUA ADAM MYERS et al
DB 1652 PG 0917
MB 10 PG 43

TOWN OF TARBORO
DB 1420 PG 0003
MB 10 PG 39

TOWN OF TARBORO
DB 1420 PG 0003
PC 8 PG 7
MB 10 PG 39

BILLY RAY JAMES
DB 1562 PG 0724
MB 10 PG 39

BILLY RAY JAMES
DB 1689 PG 0488
MB 10 PG 39

ARABELL PARKER et al
DB 1351 PG 0335
MB 10 PG 39

MOSES WORSLEY LIFE EST et al
DB 1585 PG 0847
MB 10 PG 39

JUDITH L MOSS
DB 0960 PG 0545
MB 10 PG 39

JUDITH L MOSS
DB 0749 PG 0633

TRUSTEES FOR EASTERN NORTH
CAROLINA EPISCOPAL DISTRICT
AFRICAN METHODIST EPISCOPAL ZION
CHURCH
DB 1462 PG 850
PC 9 PG 12

SECU'RE INC
DB 1677 PG 0379
MB 11 PG 66

MARCIA V CHERRY
DB 1181 PG 0528
MB 12 PG 27

ROBERT G WEBB
DB 1670 PG 0092
MB 12 PG 27

EARL DEAN JONES
DB 0701 PG 0010
MB 12 PG 27

LORENZO TYSON et al
DB 1263 PG 0858
MB 12 PG 27

WILLIAM A SCOTT et al
DB 1110 PG 0764
MB 12 PG 27

JUDITH L MOSS
DB 1564 PG 0481
MB 12 PG 27

EDWARD W HOLLOMAN
et al
DB 1094 PG 0607
MB 12 PG 27

BEN JACKIE ST ROMAIN
et al
DB 0909 PG 0477
MB 12 PG 27

14' UTILITY EASEMENT
MB 11 PG 66

14' UTILITY EASEMENT
MB 12 PG 27

DETAIL 13
SPECIAL LATERAL VARIABLE WIDTH BASE DITCH
(Not to Scale)

Natural Ground, 2:1, d, D, B, Geotextile, 2:1 or Flatter, Fill Slope

Min. D = 4 Ft.
Max. d = 6 Ft.
B = 8Ft. to Existing

Type of Liner = Est. 112 Tons Class 'B' Rip-Rap
Est. 166 SYGF

FROM -Y5- STA. 10+50 TO STA. 11+15 LT.

NOTE: USE PERMANENT SOIL REINFORCEMENT MAT (PSRM) FROM STA. -Y5- 10+50 LT (+/-) TO STA. -Y5- 11+15 LT (+/-) AND EXTEND PSRM LIMITS TO 2:1(H:V) SLOPE.

ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

SEE SHEETS 16 & 17 FOR -L- PROFILE
SEE SHEET 20 FOR -Y5- PROFILE
SEE SHEET 20 FOR -Y6- PROFILE

8/17/93

06-APR-2023 10:13
WSP
EROSION CONTROL \CADD\U4424_EC_psh10_CG.dgn