PROJECT REFERENCE NO.	SHEET NO.
U-2579B	2B-7
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOUSER — Docusigned by: Anthony Houser 6/11/2014

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 9334 ENGINEER W. HENRY WELLS JR. — Docusigned by: W. Henry Wells Jr. 6/12/2014

50' 25' 0 50' 100'

-Y5- DETOUR

-Y5DET-

PI Sta 11+39.44	PI Sta 21+46.16
Δ = 14° 34' 48.5" (RT)	Δ = 34° 01' 08.4" (LT)
D = 5° 15' 23.4"	D = 2° 01' 02.8"
L = 277.37'	L = 1,686.23'
T = 139.44'	T = 868.79'
R = 1,090.00'	R = 2,840.00'

BEGIN CONSTRUCTION
-Y5- STA. 15 + 00.00
-Y5DET- STA. 10 + 00.00

END CONSTRUCTION
-Y5DET- STA. 32 + 32.54
-Y5- STA. 37 + 00.00

-Y5-PC Sta. 21+41.22

-Y5-PT Sta. 32+51.52

-Y5DET- PRC Sta. 12+77.37

-Y5DET- PT Sta. 32+32.54

-Y5DET- PRC Sta. 29+63.61

N 14° 11' 15" W

S 12° 57' 10.0" W

-Y5-

-Y5DET-

-L-

CLASS 'B' RIP RAP EST. 2 TONS EST. 7 SY GEO

CLASS 'B' RIP RAP EST. 3 TONS EST. 11 SY GEO

SPECIAL DITCH GRADE STA. 20+50 TO 22+50 -Y5-DET RT SEE PROFILE FOR GRADE

SPECIAL DITCH GRADE STA. 27+50 TO 28+50 -Y5-DET LT SEE PROFILE FOR GRADE

SPECIAL CUT DITCH STA. 29+00 TO 30+00 -Y5-DET RT SEE DETAIL#28

COLLAR AND EXTEND

TDE

D

C

DETAIL #28
SPECIAL CUT DITCH
(Not to Scale)

Natural Ground — 2H — D — 4:1 or Flatter — Front Ditch Slope

Min. D= 2 Ft.

FROM STA. 29 + 00 TO 30 + 00 -Y5-DET RT

NOTE :
FOR -Y5DET- PROFILE, SEE SHEET 85

REVISIONS

8/17/99

6/12/2014
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