-Y1- DETOUR

PROJECT REFERENCE NO.	SHEET NO.
U-2579B	2B-6
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOUSE — Anthony House 8/11/2014

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 9334 ENGINEER W. HENRY WELLS JR. — W. Henry Wells Jr. 8/11/2014

50' 25' 0 50' 100'

-YIDET-

PI Sta 47+59.46	PI Sta 43+10.02
Δ = 25° 43' 04.9" (LT)	Δ = 25° 47' 14.0" (RT)
D = 5° 43' 46.5"	D = 5° 43' 46.5"
L = 448.86'	L = 450.07'
T = 228.28'	T = 228.91'
R = 1,000.00'	R = 1,000.00'

-YIDET- PC Sta. 40+81.11

-YIDET- PRC Sta. 45+31.18

-Y1-PT Sta. 53+02.93

-Y1-POT Sta. 60+02.93

-Y1-PRC Sta. 48+64.70

-Y1-PC Sta. 44+26.47

MATCHLINE STA. 34+48.00 SHEET 2B-5

S 39° 49' 20.3" W

END CONSTRUCTION
-YIDET- PT STA. 49+80.05
-Y1- POC STA. 51+09.25(4.18LT)

DETAIL #28
SPECIAL CUT DITCH
(Not to Scale)
Natural Ground — 2:1 — D — Adjor Flatter — Front Ditch Slope
Min. D= 2 Ft.
FROM STA. 34+50 TO 35+75 -Y1-DET LT

DETAIL #29
LATERAL 'V' DITCH
(Not to Scale)
Natural Ground — 2:1 — D — 2:1 — b — 1'/Ft. — Fill Slope — d — GEOTEXTILE
Min. D= 1.2 Ft.
Max. d= 1.0 Ft.
b= 2.0 Ft.
Type of Liner= Class B Rip-Rap
FROM STA. 35+75 TO 36+50 -Y1-DET LT

DETAIL #23
LATERAL BASE DITCH
(Not to Scale)
Natural Ground — 2:1 — D — 2:1 — b — 1'/Ft. — Fill Slope — d — GEOTEXTILE — B
Min. D= 1.5 Ft.
Max. d= 1.0 Ft.
B= 2.0 Ft.
b= 2.0 Ft.
*When B is < 6.0'
Type of Liner= Class 'B' Rip-Rap
FROM STA. 36+50 TO 39+92 -Y1-DET LT

NOTE :
FOR -YIDET- PROFILE, SEE SHEETS 83,84

REVISIONS

8/17/99

5/28/2014
U-2579B_rdy_yidet_plnsht_2B-6.dgn
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