PROJECT REFERENCE NO.	SHEET NO.
U-2579B	10
R/W SHEET NO.	

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

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

-L-

PIs Sta 543+50.33	PI Sta 576+22.74	PIs Sta 603+37.20
Θs = 1° 11' 52.2"	Δ = 58° 09' 46.4" (RT)	Θs = 1° 11' 52.2"
Ls = 240.00'	D = 0° 59' 53.5"	Ls = 240.00'
LT = 160.00'	L = 5,826.87'	LT = 160.00'
ST = 80.00'	T = 3,192.41'	ST = 80.00'
	R = 5,740.00'	
	SE = .04	

BM #5
-BY5- STA 5+00.00 TO BM #5
N 79°20'37" E 145'
N = 870288
E = 1665137
ELEV. = 866.68

BEGIN BRIDGE
-L- POC STA.555+72.95 LT.
-L- POC STA.555+72.05 RT.
BEGIN APPROACH SLAB
-L- POC STA.555+48.58 LT.
-L- POC STA.555+46.61 RT.

MATCHLINE - L - STA. 549+39 SHEET 9

MATCHLINE - L - STA. 561+61 SHEET 11

43 DANNY CAUDILL, CHARLENE L. CAUDILL, DB 1473 PG 1110

44 DAVID WHITE, MELISSA WHITE, DB 1681 PG 4068, PB 30 PG 179

45 O3 INVESTMENTS, LLC, DB 2747 PG 2741

46 SHUGART ENTERPRISES LLC, DB 2324 PG 4251

34 DANNY T. CAUDILL, DB 1367 PG 1669

42 DANNY CAUDILL, DB 1367 PG 1669

988 NCDOT, DB 2820 PG 3666 (FORMERLY - CRAIG SMITH, KATHY SMITH) (DB 1710 PG 928) (PB 30 PG 179)

40 DANNY CAUDILL, DB 1367 PG 1669

920 NC D.O.T., DB 2636 PG 3047 (FORMERLY - CHRISTOPHER WILSON, SUSAN WILSON) (DB 1542 PG 1089) (PB 30 PG 179)

38 DANNY CAUDILL, DB 1367 PG 1669

37 CHARLES LEWIS, ET AL, DB 1555 PG 1697, PB 30 PG 179

213 MARGARET LUCINDA ROBBINS LINVILLE, DB 1147 PG 612

225 BRENDA L. CHESMAN AND MARY C. MURPHY, DB 2619 PG 1532, PB 45 PG 126

224 REGAN S. PATRICK and wife, DB 2801 PG 1523, PB 45 PG 126, SAM PATRICK

223 FRITZ BRADLEY CARRIER and wife, RANDI MARIE CARRIER, DB 2989 PG 1646, PB 45 PG 126

SPECIAL DITCH GRADE SEE PROFILE FOR GRADE

+75.00 -L- 200.00'

OBLITERATE AND GRADE TO DRAIN

SPECIAL LATERAL 2' BASE DITCH SEE DETAIL#10

REMOVE

SEAL WELL

-BL- 31

-BL- 33

-BL- 34

-BL- 32

CHORD

TDE

554+54.00 -L- 272.00'

554+72.35 -L- 242.40'

554+01.50 -L- 200.00'

555+12.00 -L- 308.00'

555+28.76 280.12'

+25.00 -L- 278.07'

+60.00 -L- 225.00'

+00 260'

+65 260' 218.18'

+00.00 -L- 225.00'

CLASS 'I' RIP RAP EST 14 TONS EST 30 SY GEO

+80.00 -L- 225.0'

END W.W.FENCE

FLOODPLAIN BENCH SEE DETAIL, SHEET 2D-1

BEGIN W.W.FENCE

SILL

2@10'x6' RCBC

14'P.S.

12'P.S.

15" RCP-III

15" RCP-IV

2GI

2GI-A

2GI W/FLAT GRATE

MCF

B-77

GRAU-350

BEGIN SBG STA 554+22.53 -L- RT END SBG AT BEGIN APPROACH SLAB

15" W/ 2 ELBOWS

BEGIN SBG STA 555+23.60 -L- LT END SBG AT BEGIN APPROACH SLAB

BEG. NOISE WALL -NWL-

18" W/2 ELBOWS

-NWL-

PAVE TO BARRIER FACE

END W.W.FENCE

PSH SEE DETAIL, SHEET 2D-1

TAIL DITCH SEE DETAIL#9 EST. DDE 4CY

FLOODPLAIN BENCH SEE DETAIL, SHEET 2D-1

TAIL DITCH SEE DETAIL#17 EST. DDE +/- 54 CY

+70.00 -L- 218.19'

+10.00 -L- 240.00'

ENERGY DISSIPATOR BASIN W/OUTLET CHANNEL
EST. CLASS I RIPRAP +/- 88 TONS
EST. DDE +/- 102 CY
EST. GEO +/- 89 SY
SEE DETAIL, SHEET 2D-1

CLASS 'I' RIP RAP EST 60 TONS EST 125 SY GEO

+05.00 -L- 280' 235.23'

+70.00 -L- 238.30'

+40.00 -L- 280'

CLASS I RIP RAP (BANKS ONLY) SEE DETAIL 32, EST 40 TONS EST 75 SY GEO

+38.31 -L- 240.76'

+28.80 -L- 297.93'

+75.00 -L- 200.00'

+00.00 -L- 200.00'

+90.00 -L- 235.00'

END BRIDGE
-L- POC STA.557+97.05 LT. +50.00 -L- 225.04' 240.00'
-L- POC STA.557+97.95 RT.

END APPROACH SLAB
-L- POC STA.558+21.42 LT.
-L- POC STA.558+23.39 RT.

DETAIL #9
STANDARD BASE DITCH
(Not to Scale)
Natural Ground, 2:1, D, 2:1, Natural Ground, B
Min. D= 2 Ft.
B= 3 Ft.
FROM STA. 560+70 TO 560+97 -L- RT

DETAIL #10
SPECIAL LATERAL BASE DITCH
(Not to Scale)
Natural Ground, 2:1, D, 4:1 or Flatter, Fill Slope, B
Min. D= 2 Ft.
B= 2 Ft.
FROM STA 552+50 TO 553+40 -L- LT

DETAIL #17
STANDARD BASE DITCH
(Not to Scale)
Natural Ground, 2:1, D, 2:1, Natural Ground, d, Geotextile, B
Min. D= 2.0 Ft.
Max. d= 2.0 Ft.
B= 3.0 Ft.
*When B is < 6.0'
Type of Liner= Class 'I' Rip-Rap
FROM STA. 556+30 TO STA. 557+25 -L- RT

DETAIL 32
TAIL DITCH
(Not to Scale)
Natural Ground, 2:1, D, Natural Ground, d, Geotextile, B
Min. D= 2.0Ft.
Max. d= 2.0Ft.
B= 3.0Ft.
Type of Liner= Class I Rip-Rap

PAVED SHOULDER

PAVEMENT TO BE OBLITERATED

NOTE:
FOR -L- PROFILE, SEE SHEET 35
FOR BRIDGE SKETCH, SEE SHEET 2B-1

REVISIONS

8/17/99

7/28/2014
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