PROJECT REFERENCE NO.	SHEET NO.
R-2911D	14
RW SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 20107 ENGINEER DAVID W. BASS — 10/5/04

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 18462 ENGINEER JAMES E. COMBS — 10/6/04

PBSJ POST, BUCKLEY, SCHUH & JERNIGAN, INC.
1616 EAST MILLBROOK ROAD, SUITE 310
RALEIGH, NORTH CAROLINA 27609

8/17/99

REVISIONS

-L-	
PI Sta 328+76.15	PIs Sta 331+27.18
Δ = 9° 52' 31.8" (LT)	Θs = 2° 01' 30.0"
D = 2° 30' 00.0"	Ls = 162.00'
L = 395.02	LT = 108.01'
T = 198.00'	ST = 54.01'
R = 2,291.83'	
SE = 0.06	
DS = 60 MPH	

NC GRID NAD 83

-L- CS Sta. 330+73.17 ST Sta. 332+35.17

-L- Sta. 328+00.00

-L- Sta. 341+00.00

-L- FS 2GI S 83° 57' 48.1" E

Match Line Sheet 13

Match Line Sheet 15

33 JOHN MADURES AND WIFE LOUISE MADURES

34 JAMES RAY BARGER, AND WIFE PATRICIA HARPER BARGER

35 DAVID M. HILTON, JR., AND WIFE BETTY G. HILTON

36 DEBORAH LEATHERMAN ET AL

37 MICHAEL L. WYATT AND WIFE TONI S. WYATT

38 KATHLEEN PRIMAVERA

39 J. E. NESBITT

40 TIMOTHY MARTIN HAMILTON

41 ROBERT THOMAS CORRELL, AND WIFE LOIS H. CORRELL

42 DWAYNE HEGLAR, AND WIFE ANNIE W. HEGLAR

28 JAMES C. WALKER AND WIFE LINDA WALKER

32 THE ROWAN-SALISBURY BOARD OF EDUCATION

330 335 340

510.02' N06°14'05"E 523.05' N06°40'03"E 529.55' N06°38'36"E 536.04' N06°35'23"E 549.05' N06°40'21"E 555.26' N06°44'00"E 562.06' N06°44'29"E 444.56' N06°49'06"E 100.72' S89°37'09"E 154.01' N06°16'30"E 163.94' N06°20'24"E

CLASS B RIPRAP 10 TONS, 24 SY F.F.

CLASS I RIPRAP 35 TONS, 35 SY F.F.

230' MEDIAN FULL 300' MEDIAN TAPER 530' MEDIAN TAPER

ACCESS POINT CHORD

REMOVE HW REMOVE PLUG REMOVE TEMP PLUG REMOVE

CAT-1 GRAU 350 HDWL

2GI TYPE D 2GI TYPE A 2GI TYPE D 2GI TYPE D 2GI TYPE D

TEMP. 36" CSP TEMP. JB TEMP. 36" CSP

SPECIAL DITCH SEE DETAIL B SEE PROFILE & X-SECT

5.0' BASE DITCH SEE DETAIL H DDE = 29 CY RIP RAP = 71 TNS MAT'L OFF = 100 SY

TH 54 +02.5 8.2' EL. 707.23' 13" WATER

TH 55 +02.9 25.3' EL. 705.38' 3/4" T FO CABLE

TH. 56 +71.5 32.5' EL. 707.18' 2" TV FO CONDUIT

PROPOSED FENCE BEG FENCE +73.17 110.00 END FENCE +07.99 110.00 BEG FENCE +37.01 110.49 END FENCE +77.70 108.94

-BL- 32 Sta. 331+46.55 -L- Sta. 334+03.87 0.53 LT

24' DRIVE (ASPHALT) 300' RIGHT TURN TAPER 150' TAPER 380' FULL

24' BST 24' DRIVE (BST)

RETAIN RIP RAP 24" CONC W/FES DI 11' CONC HW 15" CONC 18" CONC 96" CONC 18" C&G 6" BST CONC FLAG POLES ISBK SCHOOL

WD OUTDOOR AMPITHEATER

US 70 STATESVILLE BLVD 38' BST

10' CHL BST TENNIS COURTS

DETAIL A
FALSE SUMP
(Not to Scale)
Median Ditch 0.5' Min. 1.0' Max. 2' 4:1 etc. S=Ditch Slope ℄ Proposed Ditch

-L- Sta. 329+00 MED.
-L- Sta. 334+80 MED.
-L- Sta. 336+75 MED.
-L- Sta. 340+50 MED.

DETAIL B
SPECIAL CUT DITCH
(Not to Scale)
Natural Ground MAX 2:1 6' 1 D 4:1 or Flatter Front Ditch Slope Min. D = 1.5 Ft.

-L- Sta. 330+50 to 331+50 RT.

DETAIL D
FALSE SUMP
(Not to Scale)
Outside Ditch Traffic Flow 0.5' Min. 1.0' Max. 20% 6:1 2' 4:1 etc. S=Ditch Slope ℄ Proposed Ditch

-L- Sta. 340+50 RT.

DETAIL H
BASE DITCH
(Not to Scale)
Natural Ground MAX 2:1 5' MIN. MAX 2:1 Natural Ground Filter Fabric
Type of Liner = Class I Rip Rap

-L- Sta. 331+25 RT.

Note: See Sheet 27 for –L– line profile
See Sheet 2–E for driveway

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PSJ 2.50 (m)