8/17/99

PROJECT REFERENCE NO.	SHEET NO.
R-2915D	13
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 034375 ENGINEER Barry Garrett SMITH

12/16/2014

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 9334 ENGINEER W. Henry Wells Jr.

12/16/2014

KCI http://www.kci.com
Engineers • Planners • Scientists • Construction Managers
4601 Six Forks Road, Landmark Center II, Suite 220
Raleigh, NC 27609-5210
Phone (919) 783-9214 • Fax (919) 783-9266

SUNGATE DESIGN GROUP, P.A.
915 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
TEL (919) 859-2243 FAX (919) 859-4258
ENG FIRM LICENSE NO. C-890

NAD 83/CORS

24

RAY FARMS, LLC
DB 323 PG 1821

BURT S. WASHBURN
& JO ANN L WASHBURN
DB U-5 PG 446

CYNTHIA JANE SHEETS
DB 256 PG 744

EARL B. SHEETS
DB H-4 PG 46

JANIE SHEETS HURLEY
DB E-6 PG 491

JERRY W. RAY
DB 272 PG 869

ROSEBUD FARMS, LLC
DB 323 PG 1819

TOWN OF WEST JEFFERSON
DB 289 PG 1593

COUNTY OF ASHE
DB 278 PG 663
PB 5 PG 263

560

565

570

MATCH LINE -L- STA. 560+00
SEE SHEET NO. 12

MATCH LINE -L- STA. 572+00
SEE SHEET NO. 14

REMOVE EX. FENCE

47" WW FENCE

EXISTING R/W

48" WW & ISBW

JS

-BL- D12

-BL- D13

REMOVE GR

US HWY 221

2'-9" C&G

RETAIN AND EXTEND

TEMP. SHORING SEE TMP PLANS

2GI w/ COLLAR

FLAT GRATE

REMOVE HW

24" RCP-III

15" RCP

15" CAT-I

24" w2 ELBOWS

JB w/MH

BDO

GRAU 350 TL-3

TB2GI FG

2GI

2GI-A

CLASS 'B' RIPRAP
EST 2 TONS
EST FF 7 SY

END SBG
-L- +95 RT

BEGIN SBG
-L- +25 RT

CLASS I RIPRAP
EST 7 TONS
EST FF 15 SY

BERM DITCH
STA 559+21 – 561+75 -L- RT

-L- TS Sta. 560+24.61

-L- SC Sta. 563+54.61

-L- +73.55
150°59'11"
BEGIN FENCE

-L- +41.02
152°39'11"
END FENCE

200' TAPER RT

BM #6

ISFD

-L-

PIs Sta 562+44.72	PI Sta 568+99.04
Θs = 5° 33' 39.8"	Δ = 35° 30' 55.4" (RT)
Ls = 330.00'	D = 3° 22' 13.2"
LT = 220.11'	L = 1,053.76'
ST = 110.10'	T = 544.43'
	R = 1,700.00'
	SE = .06
	RUNOFF = 330'

FOR -L- PROFILE, SEE SHEET 28

NOTE: ALL EXISTING CONTROL OF ACCESS FENCE TO BE REMOVED UNLESS OTHERWISE NOTED.

24-NOV-2014 08:32
K:\2011\2011.0152\R2915D\Roadway\Pro\R2915D_Rdy_psh_13.dgn
$$$$USERNAME$$$$