5/14/99

ETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO.	SHEET NO.
I-5786	EC-62/CONST.29
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

MATCHLINE –L– STA. 335+00.00

MATCHLINE –L– STA. 348+00.00

N 13° 41' 10.6" E

NAD 83/2011

S 86° 54' 39.8" W

–Y6– PT Sta. 12+37.96

–Y6RPA– ST Sta. 19+29.75

–Y6RPA– CS Sta. 17+13.75

SR 2399 TRUNKTOP RD.

WOODS

335

340

345

B **A** **C** **D**

DETAIL J
SPECIAL CUT BASE DITCH
(Not to Scale)

Natural Ground, 3:1, D, B, 4:1 or Flatter, Front Ditch Slope

Min. D= 1 Ft.
B= 5 Ft.

FROM –L– STA. 329+50 TO STA. 336+50 RT

END CONST.
–Y6RPA– STA. 16+70.00

RETAIN

18" CMP

18" RCP

CONC DI

PROP. SINGLE FACED CONC. BARRIER

REMOVE EXIST. GUARDRAIL

REMOVE EXIST. GUARDRAIL B (2901)

REMOVE –L– BARRIER TRANSITION

GI-D

18" RCP–IV

REMOVE 5 LF OF 18" RCP

REMOVE EXIST. GUARDRAIL B (2902)

SINGLE FACED CONC. BARRIER

PROP. SINGLE FACED CONC. BARRIER

GREU 350 TL-3

TOP = 201.82
INV. = 198.88

TYPE B-7

SPECIAL 5' BASE DITCH SEE DETAIL J

PIPE CLEANOUT

NOTE: FIELD VERIFY EXISTING VERTICAL CLEARANCE FOR SR 2399 PRIOR TO INSTALLATION OF OVERLAY AND CONC. MEDIAN BARRIER.

–EL– N 51° 40' 00.9" E

BL-53

BL-54

PROP. CONC. MEDIAN BARRIER

15" RCP–IV

REMOVE EXIST. GUARDRAIL B (2903)

B (2904)

B (2905)

B (2906)

B (2907)

B (2908)

B (2909)

B (2910)

B (2911)

B (2912)

REMOVE 4 LF OF 18" RCP

REMOVE 5 LF OF 36" RCP

EXISTING R/W

4 WIRE W/ 15BW

36" RCP

24" RCP

–Y6RPD– CS Sta. 15+82.87

END CONST.
–Y6RPD– STA. 16+85.00

–Y6RPD– ST Sta. 17+98.87

S 16° 41' 41.1" W

–Y6RPD– SC Sta. 12+16.00

S 16° 04' 48.8" E

SYSTEM FILES
GENERAL NOTES
ESTIMATE