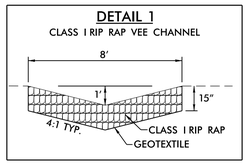
8/17/99

PROJECT REFERENCE NO.	SHEET NO.
I-5710	EC-13/CONST.10
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NAD 83/2011

DETAIL 1
CLASS I RIP RAP VEE CHANNEL



-RB4- SC Sta. 4+01.24

5+00

BEGIN RETAINING WALL 1
-RB4- STA. 7+00.00

BEGIN SHOULDER BERM GUTTER
TIE TO EXISTING SHOULDER BERM GUTTER AND EXIST GUARDRAIL
STA. 6+05.00

CAROLINA POWER & LIGHT EASEMENT (BM 2005 PG 639)

REMOVE EXIST DI AND 16LF OF 15" PIPE.
ABANDON 25LF OF 15" PIPE (NOTE 4).
INSTALL NEW 2GI.

INSTALL CHANNEL SEE DETAIL 1

-RB4- CS Sta. 8+93.36

10+00

-RB4- ST Sta. 10+83.36

TIE TO EXISTING GUARDRAIL
STA. 14+00.00

END RETAINING WALL 1
-RB4- STA. 14+00.00

END SHOULDER BERM GUTTER
STA. 11+55.00

REMOVE EXIST DI AND 19LF OF 12" PIPE.
ABANDON 30LF OF 12" PIPE (NOTE 4).
INSTALL NEW 2GI.

MATCHLINE SEE SHEET 11
-RB4- STA. 14+50

100' FULL LANE

+75.00

PROPOSED STOP BAR LOCATION
STA. 11+75.00

APPROXIMATE SIGNAL PEDESTAL LOCATION PER ITS
STA. 11+75.00

-RB4- SC Sta. 13+00.99

-RB4- TS Sta. 11+55.99

720' UNIFORM TAPER

+55.00

PROPOSED RETAINING WALL

-RB4-

BEGIN CONSTRUCTION
-RB4- STA. 2+50.00

I-540 NORTHERN WAKE EXPRESSWAY BST

FN-BMI

-RB4- PC Sta. 0+00.00

-RB4- CS Sta. 2+11.24

18-AUG-2016 10:19
R:\5710\roadway\final\Design\I5710_EC_PSH10.dgn
$(USER) RENW 263783