5/14/99

NOTE:
PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 18

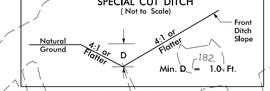
WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO.	SHEET NO.
I-5786	EC-18/CONST.18
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

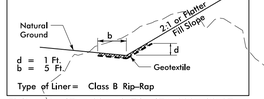
NAD 83/2011

DETAIL A
SPECIAL CUT DITCH
(Not to Scale)



FROM –L– STA. 196+50 TO STA. 198+10 RT

DETAIL C
TOE PROTECTION
(Not to Scale)



d = 1 Ft.
b = 5 Ft.
Type of Liner = Class B Rip-Rap
FROM –L– STA. 199+58 TO STA. 200+80 RT.

ROCK PLATING
–Y4– STA. 16+50 TO 19+00 RT.
SEE DETAIL SHT. 2G-2

–Y4– PT Sta. 15+91.20

S 37° 40' 00" E
127.77'

N 67° 19' 59.7" E

–Y4– PC Sta. 23+30.95

–L– STA 198+79.15
–Y4– 20+25.64
= 75° 00' 00.0"

MATCHLINE –L– STA. 192+00.00

MATCHLINE –L– STA. 205+00.00

PROP. MEDIAN CONC. BARRIER

SINGLE FACED CONC. BARRIER

BARRIER TRANS.

REMOVE EXIST. GUARDRAIL

REMOVE 4 LF OF 18" RCP

REMOVE 5 LF OF 18" RCP

18" RCP-IV

RETAIN BOLLARD AND EXTEND

SPECIAL DITCH SEE DETAIL A

TOE PROTECTION SEE DETAIL C

1 TON CLASS B RIP RAP W/ 5 SY GEOTEXTILE

15" W/ 2 ELBOWS

TB 2GI

GRADE TO DRAIN

TIE TO EX FENCE BEG. WW FENCE –L– 197+75

TIE TO EX. FENCE END WW FENCE –L– 199+20

BEG. FENCE –L– 198+74.34

END WW FENCE –L– 198+27.43

TIE TO EX FENCE END WW FENCE –L– 199+85

BEG. WW FENCE –L– 199+30.87

TIE TO EX FENCE BEG. WW FENCE –L– 198+45

END WW FENCE –L– 198+82.92

TBM #10
N - 659871
E - 2241422
ELEV. 186.45'
BL STATION 192+22.00 55' RIGHT
60d NAIL IN 14" PINE

BL-35

BL-203

4 WIRE W/ 1 SBW

48" WW W/1 SBW

EXISTING R/W

R/W MON

CROPLAND

WOODS

DONALD R. WEST WIFE: JUNE WEST DB 545 PG 765

SEBASTIAN VINCENT DEVLIN PAGE AND WIFE: EMILY LAUREL PAGE DB 1545 PG 765

WILLIAM O. DAVIS SR. AND WIFE: HILDA A. DAVIS AND ROBERT A. DAVIS DB 1185 PG 800

CONSTRUCTION SEQUENCE