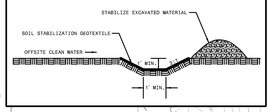
8/17/99

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICE IN LIEU OF ROCK INLET SEDIMENT TRAP, TYPE-C AS DIRECTED TO AVOID IMPOUNDMENT OF RUNOFF IN ROADWAY OPEN TO TRAFFIC.

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 5

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

CLEAN WATER DIVERSION
CWD CWD CWD CWD CWD CWD
(Not to Scale)



HNTB
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PROJECT REFERENCE NO.	SHEET NO.
U-5813	EC-5/CONST.5
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NAD 83/NA 2011

MATCH LINE –L– 17+00
SEE SHEET 4A

MATCH LINE –L– 30+50
SEE SHEET 6

AREA UNDER CONSTRUCTION
KELLY CONTRACTORS, LLC
JHS MASTER CAPITAL, LLC
AMOS & LOUELLA NEWSOME
AUBREY B HOAG
H. L. DELK CONSTRUCTION, INC
MARTHA B BRASWELL
STEPHEN BRUEILLY
JEFFREY WARD
JANET WARD
CERTIFIED CONCRETE CORPORATION
WOODS
DEBRIS PILE
ISFB
PERMANENT UTILITY EASEMENT
DB 2504 PG 1897
60" WW & ISBW
RIP RAP
18" RCP
15" RCP
15" CMP
15" RCP-IV
24" RCP-IV
36" RCP
4' FDPS
7.67' FDPS
PROP. SBG
S 61° 59' 43.8" E -L-
BL-98
BL 99
BL 102
REMOVE EXIST. GUARDRAIL
REMOVE 47 FT OF 36" RCP
REMOVE HW
REMOVE
RETAIN
FILL W/FLOWABLE FILL
FALSE SUMP SEE DETAIL 17
FALSE SUMP CONNECTED TO JUNCTION BOX NO FIELD EVIDENCE FOUND
JB w/MH
TOP=753.1
INV=749.5
END RESURFACING
BEGIN PROJECT
-L- Sta. 25+21.06 RT
CLASS 'B' RIP-RAP
EST. 1 TONS
EST. 5 SY GF
STANDARD 4' BASE DITCH
SEE DETAIL 7
EST 48 CY DDE
STANDARD 3' BASE DITCH
SEE DETAIL 1
CLASS I RAP RAP
EST 124 TONS
EST 170 SY GF
EST 50 CY DDE
S =13.7%
CHANNEL STABILIZATION
SEE DETAIL 38
CLASS I RAP RAP
EST 50 TONS
TOE PROTECTION
SEE DETAIL 2
CLASS 'B' RIP-RAP
EST 91 TONS
EST 202 SY GF
92 x 40 x 3
2.0 inch Skimmer
with 1.625 inch
Orifice Diameter
14 ft. weir
ID 5.1C
FILL w/ FLOWABLE FILL
TOP OF PIPE OBSTRUCTED BY CONC

FOR –L– PROFILE, SEE SHEET 16

10/30/2023
U-5813_EC_PSH5.dgn
HNTB