5/14/99

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 24

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.
R–5021	EC-24/CONST.24
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NAD 83/NSRS 2007

★ PROPOSED TRAFFIC SIGNAL

NOTE: INSTALL FABRIC INSERT INLET PROTECTION DEVICE IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE 'C' AS DIRECTED.

NOTE: UTILIZE COIR FIBER MATTING ADJACENT TO WETLANDS /JURISDICTIONAL AREAS, AND AS DIRECTED

MATCH LINE –Y14A– STA 43+50.00
SEE SHEET 36

MATCH LINE –L– STA 323+00.00
SEE SHEET 23

MATCH LINE –L– STA 333+50.00
SEE SHEET 24A

MATCH LINE –Y14A– STA 35+50.00
SEE SHEET 35

DETAIL XXX
STANDARD 'V' DITCH
(Not to Scale)
Natural Ground, 3:1, D, 3:1, Natural Ground
Min. D= 1.0 Ft.
–Y14A– STA. 42+78 RT

DETAIL C
SPECIAL LATERAL BASE DITCH
(Not to Scale)
Natural Ground, 3:1, D, 4:1 or Flatter, Fill Slope, B
Min. D= 2.0 Ft.
B= 4.0 Ft.
FROM –L– STA. 323+25 TO STA. 329+50 LT

DETAIL QQQ
STANDARD BASE DITCH
(Not to Scale)
Natural Ground, 3:1, d, D, 3:1, Natural Ground, Geotextile, B
Min. D= 2.0 Ft.
Max. d= 2.0 Ft.
B= 2.0 Ft.
*When B is < 6.0'
Type of Liner= Class 'I' Rip–Rap
–L– STA. 324+30 LT

–L– POT Sta.323+71.38 =
–Y14– POT Sta.10+00.00

STANDARD 2' BASE DITCH
SEE DETAIL QQQ
S = 3.8%
EST. 80 TONS
EST. 140 SYGF
DDE = 25 CY

Temporary Rock Silt Check Type A 2.0 ft. weir height

–Y14A– TS Sta. 41+45.72

PROP. 5" MONOLITHIC CONC. ISLAND (KEYED IN)

CLASS 'B' RIP–RAP EST. 2 TONS EST. 7 SYGF

–Y14B– POT Sta. 10+00.00
–L– POT Sta.325+77.20

SPECIAL LAT. 4' BASE DITCH SEE DETAIL C

CLASS 'B' RIP–RAP EST. 11 TONS EST. 28 SYGF

CLASS 'I' RIP–RAP EST. 10 TONS EST. 23 SYGF

150' MEDIAN BAY TAPER

BEGIN C&G 17.25 RT

150' MEDIAN BAY TAPER LT

100' EOT TAPER LT

450' LANE SHIFT

Y14B–PC Sta. 70+98.36

15:1 TAPER

8:1 TAPER

S 74° 33' 27.2" E

N 18° 00' 000" E

CLASS 'B' RIP–RAP EST. 2 TONS EST. 7 SYGF

STANDARD 'V' DITCH SEE DETAIL XXX S = 0.8% DDE = 5 CY

5" CSP W/ 2 ELBOWS

END PRB RETAINING WALL8 END 8' DEEP POST GUARDRAIL +12.43 40.62' LT

SBG +72 30.00' LT

BEGIN SBG +92.57 39.66' LT

60 x 16 x 3
ID 35.02B

–Y14A– ST Sta. 36+92.36

END CONSTRUCTION
–Y14– Sta. 11+50.00
–Y14– POT Sta. 12+09.59

–Y14B– PT Sta. 11+52.61

END CONSTRUCTION
–Y14B– POT Sta. 12+32.49

STANDARD 'V' DITCH SEE DETAIL SSS S = 1.25% EST. 30 TONS EST. 80 SYGF DDE = 8 CY

TIE TO EXISTING

SPECIAL CUT DITCH SEE DETAIL PP

PROP. 5" MONOLITHIC CONC. ISLAND (KEYED IN)

77 ISFD

79Z BRUNSWICK CHURCH OF CHRIST

80 SOUTHPORT MARKETPLACE I, LLC.

81 BELLAMY PROPERTIES, LLC.

82 J B F INVESTMENTS, LLC

83 GATEWAY HOSPITALITY SOUTHPORT, LLC

178 STEPHENS, STOKER & THOMAS, LLC.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DB 3150 PG 111, DB 2181 PG 1314 MB 25 – PG 212