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5/14/99

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	24
RW SHEET NO.	

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 36786 ENGINEER DOUGLAS M. HADLEY
Docusigned by: Douglas M. Hadley
9/15/2021

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 15764 ENGINEER JAMES A. ASKEW
Docusigned by: James A. Askew
9/15/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/NSRS 2007

★ PROPOSED TRAFFIC SIGNAL

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

MORLEY DORIS (LT)

BRUNSWICK CHURCH OF CHRIST
DB 1148 PG 909
79Z

MDI MANAGEMENT, LLC.
DB 3569 PG 246
DB 2179 PG 367
MB 19 PG 506
MB 18 PG 205

80A
SOUTHPORT MARKETPLACE I, LLC.
DB 3364 PG 960
DB 2179 PG 367
MB 19 PG 506
MB 18 PG 205
MB 77 PG 3

80

83
GATEWAY HOSPITALITY SOUTHPORT, LLC
DB 2344 PG 573
MB 21 PG 273

81
BELLAMY PROPERTIES, LLC.
DB 3343 PG 260
DB 795 PG 205
MB 0 PG 64
MB 33 PG 460

82
J B F INVESTMENTS, LLC
DB 2551PG 962
MB 2.5 PG 212

178
STEPHENS, STOKER & THOMAS, LLC.
DB 2388 PG 1351
DB 2364 PG 406
MB 2 1/2 PG 212

77

325

330

40

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

–Y14A– TS Sta. 41+45.72

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

–Y14B– PC Sta. 10+58.36

–Y14B– PT Sta. 11+52.61

–Y14– POT Sta.12+09.59

–Y14A– ST Sta. 36+92.36

END CONSTRUCTION
–Y14– Sta. 11+50.00

END CONSTRUCTION
–Y14B– POT Sta. 12+32.49

PI Sta 11+18.36
Δ 90° 00' 00.0" (LT)
D = 95° 29' 34.7"
L = 94.25'
T = 60.00'
R = 60.00'
SE = NC

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

BEGIN CONTROL ACCESS
RETAIN EXISTING WWF
+36.08 –L–
95.00' LT

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

SPECIAL LAT.
4' BASE DITCH
SEE DETAIL C

150' MEDIAN BAY TAPER

BEGIN C&G
+17.25
PUE
85.01' LT

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

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

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

150' MEDIAN BAY TAPER LT

100' EOT TAPER LT

450' LANE SHIFT

15:1 TAPER

8:1 TAPER

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

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

15" CSP W/
2 ELBOWS

END PROP.
RETAINING WALL8
END 8' DEEP POST GUARDRAIL
+12.43
40.62' RT

END SBG
+45.72
36.00' LT

BEGIN SBG
+92.57
39.66' LT

GREU TL-3

15:1 TAPER

TB JB W/MH

SPECIAL CUT DITCH
SEE DETAIL PP

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

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

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

TIE TO EXISTING

BEGIN CONTROL ACCESS
END WWF
+46.08 –L–
75.83' RT

END CONTROL ACCESS
END WWF
+06.08 –L–
76.09' RT

RETAIN

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

S 74° 33' 27.2" E

N 18° 00' 00.0" E

S 15° 53' 02.0" W

N 74° 32' 22" W 200.22'

NOTE: 1. ALL DRIVEWAY RADII ARE 20' UNLESS NOTED ON PLANS.
2. PAVED TURNOUTS FOR SHOULDER SECTION SHOULD EXTEND 50' UNLESS NOTED ON PLANS.

FOR –L– PROFILE, SEE SHEETS 50 AND 51
FOR –Y14– AND –Y14B– PROFILES, SEE SHEET 63
FOR –Y14A– PROFILE, SEE SHEETS 63 AND 64
FOR INTERCHANGE OVERVIEW, SEE SHEET 2B-8
FOR DRAINAGE DETAILS, SEE SHEETS 2D-1 THRU 2D-3
FOR RETAINING WALL PLANS, SEE SHEETS W-8 THRU W-17
FOR STRUCTURE PLANS, SEE SHEETS S4-1 THRU S4-24
FOR BRIDGE & PAVEMENT DETAIL, SEE SHEET 2B-5

15-SEP-2021 08:28
\Roadway\Proj\R-5021_RDY_PSH24.dgn
mhill