PROJECT REFERENCE NO.	SHEET NO.
W-5103A	21
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 037439 ENGINEER DAVID B. LEONARD

Digitally signed by David Leonard

8/12/2015 | 2:55 PM PT

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 039745 ENGINEER Jonathan Eyles Moore

Digitally signed by Jonathan Eyles Moore

8/13/2015 | 9:00 AM ET

NAD 83/NSRS 2007

REVISIONS

8/17/99

10-AUG-2015 13:12
USER NAME = NEW HANOVER\w5103.41867.1.1
DESIGN FILE = $$$$USERNAME$$$$

I:\W5103A_D03_Rdy_PSH_21.dgn

-Y46- CURVE 1
PI Sta 11+57.52
△ = 54° 54' 49.3" (RT)
D = 57° 17' 44.8"
L = 95.84'
T = 51.96'
R = 100.00'

-L- CURVE 7
PI Sta 272+27.21
△ = 15° 06' 36.9" (LT)
D = 2° 27' 51.6"
L = 613.16'
T = 308.37'
R = 2,325.00'

270

275

280

MATCHLINE -L- STA. 266+50

-L- PC Sta. 269+18.84

-L- STA. 269+21.21
42.59 LT
END WIDENING

-Y45- PC Sta. 11+41.74

-L- Sta. 269+87.84 =
-Y45- Sta. 11+81.57

-L- STA. 270+71.60
18.72 RT
END WIDENING

-L- STA. 272+89.25
43.53 LT
BEGIN WIDENING

-L- STA. 273+03.24
BEGIN TRANSITIONAL
MILLING (1.5" TO 4")

-L- STA. 273+03.24
42.74 RT
END WIDENING

-L- STA. 273+38.90
43.30 LT
END WIDENING

-L- STA. 273+99.91
18.90 LT
END WIDENING

-L- PT Sta. 275+32.00

-L- STA. 274+03.24
END TRANSITIONAL
MILLING (1.5" TO 4")

-Y46- PC Sta. 11+05.56

-L- Sta. 276+95.32 =
-Y46- Sta. 10+00.00

-Y46- PT Sta. 12+01.40

-L- Sta. 277+47.15 =
-Y47- Sta. 10+00.00

MATCHLINE -L- STA. 280+00

270+00

275+00

RETAIN

4" PAVED SHLD.
2" PAVED SHLD.
SOIL
EXISTING R/W
US 421 SBL (CAROLINA BEACH RD) VARIBLE WIDTH BST
US 421 NBL (CAROLINA BEACH RD) VARIBLE WIDTH BST
SR 2501 VARIBLE WIDTH BST
MONOLITHIC ISLAND
WOODS
CURB
MB
SIGN
BST
8" RCP
60"
INV=31.58'
INV=31.42'
INV=31.21'
INV=30.20'
INV=30.18'
INV=32.45'
N 12° 14' 38.7" E
N 42° 40' 10.6" W
N 10° 24' 09.3" E
S 11° 38' 19.2" E
UNKNOWN ROADWAY SYSTEM