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PROJECT REFERENCE NO.	SHEET NO.
U-3330	5
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 37265 ENGINEER ANTHONY DINELL BOLTON — 4/6/2017

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 22384 ENGINEER DAVID P. BOCK — 4/6/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-Y1-
PI Sta 21+01.37
Δ = 3° 09' 11.4" (RT)
D = 1° 12' 04.2"
L = 262.51'
T = 131.29'
R = 4,770.00'
SUPER = NC

-Y1RPD-
PI Sta 11+50.77
Δ = 49° 46' 29.7" (RT)
D = 18° 14' 49.4"
L = 272.78'
T = 145.67'
R = 314.00'
SUPER = 0.08

PI Sta 13+31.55
Θs = 14° 35' 51.5"
Ls = 160.00'
LT = 107.03'
ST = 53.67'

PI Sta 16+02.58
Δ = 7° 07' 03.0" (LT)
D = 4° 00' 04.0"
L = 177.89'
T = 89.06'
R = 1,432.00'
SUPER = 0.01

-Y1LPC-
PI Sta 11+05.80
Θs = 57° 17' 44.8"
Ls = 150.00'
LT = 105.80'
ST = 55.31'

PI Sta 12+01.11
Δ = 68° 32' 29.1" (LT)
D = 76° 23' 39.7"
L = 89.72'
T = 51.11'
R = 75.00'
SUPER = 0.08

PI Sta 13+24.78
Δ = 24° 00' 33.3" (LT)
D = 14° 19' 26.2"
L = 167.62'
T = 85.06'
R = 400.00'
SUPER = 0.08

PI Sta 14+91.88
Δ = 96° 50' 39.0" (LT)
D = 76° 23' 39.7"
L = 126.77'
T = 84.54'
R = 75.00'
SUPER = 0.08

MATCHLINE -Y1- STA. 13+90 SEE SHEET 12

MATCHLINE -L- STA. 37+00 SEE SHEET 4

MATCHLINE -L- STA. 51+00 SEE SHEET 6

NAD 83/95

WAYNE D. NEWNAM DB 1447 PG 380 NO CLAIM (19)

MAGGIE S. SMITH DB 1774 PG 166 NO CLAIM (18)

ELSIE E. EDWARDS DB 1783 PG 293 NO CLAIM (17)

WINFRED W. PORTER DB 1737 PG 740 NO CLAIM

RUTH MOBELY DB 1757 PG 557 NO CLAIM (16)

JOSEPH E. CAMPBELL JR. DB 1796 PG 829 NO CLAIM (12)

MICHAEL L. BELLE DB 2181 PG 710 NO CLAIM (14)

WILLIE J. THORNE DB 2466 PG 314 NO CLAIM (11)

5699 CENTRAL AVENUE, LLC DB 2197 PG 565 (3)

WJP REALTY DB 1285 PG 866 NO CLAIM (13)

FM TARRYTOWN SD TARRYTOWN LLC DB 1675 PG 713 PB 33 PG 295 (22)

FM TARRYTOWN SD TARRYTOWN LLC DB 1675 PG 713 PB 33 PG 295 (23)

SAMS REALESTATE BUSINESS TR DB 2205 PG 127 PB 33 PG 295 (26)

FM TARRYTOWN SD TARRYTOWN LLC DB 1675 PG 713 PB 33 PG 295 (24)

PREMIER PROPERTY LLC DB 1517 PG 1000

MICHAEL D. GREENE DB 2219 PG 833 NO CLAIM (20)

RIM PROPERTY MANAGEMENT LLC DB 2187 PG 998

-YIRPB- POT Sta. 10+00.00
-L- POT Sta.40+09.33

-YIRPB- PC Sta. 10+09.77

-YIRPB- CS Sta. 12+38.11

-YIRPB- ST Sta. 13+98.11

-YIRPD- POT Sta. 10+00.00
-L- POT Sta.46+42.54

-YIRPD- PC Sta. 10+05.10

-YIRPD- PC Sta. 15+13.52

-YIRPD- PT Sta. 16+91.41

-YIRPD- POT Sta. 17+81.62
-Y1- POT Sta.23+59.59

-YIRPA- POT Sta. 17+46.30
-Y1- POT Sta.13+97.51

-YIRPA- ST Sta. 15+51.59

-YIRPA- CS Sta. 14+11.59

-YIRPA- TS Sta. 10+00.00
-L- POT Sta.50+86.92
(51.0' LT.)

-YIRPA- SC Sta. 11+40.00

-YILPC- SC Sta. 11+50.00

-YILPC- TS Sta. 10+00.00
-L- POT Sta.40+61.87
(51.0' RT.)

-YILPC- PCC Sta. 12+39.72

-YILPC- PCC Sta. 14+07.34

-L- POT Sta.43+04.76
-Y1- POT Sta.18+22.61

-Y1- PC Sta. 19+70.09

-YIRPD- CS Sta. 12+77.89
-YILPC- PT Sta. 15+34.11
-Y1- POC Sta.21+18.00
(39.0' RT.)

-YIRPD- ST Sta. 14+37.89

-Y1- PT Sta. 22+32.59

END NOISE WALL -NW2REV- Sta. 17+65.00 = -L- Sta. 38+45.70 63.00' LT

END CONSTRUCTION -Y1- POT Sta.24+04.00

-YIRPB-
PI Sta 11+29.25
Δ = 41° 39' 53.4" (RT)
D = 18° 14' 49.4"
L = 228.34'
T = 119.48'
R = 314.00'
SUPER = 0.08

PI Sta 12+91.77
Θs = 14° 35' 51.5"
Ls = 160.00'
LT = 107.03'
ST = 53.67'

-YIRPA-
PI Sta 10+93.42
Θs = 1° 44' 33.6"
Ls = 140.00'
LT = 93.42'
ST = 46.75'

PI Sta 12+79.00
Δ = 30° 02' 27.5" (RT)
D = 11° 03' 39.5"
L = 271.59'
T = 139.00'
R = 518.00'
SUPER = 0.07

PI Sta 14+58.34
Θs = 1° 44' 33.6"
Ls = 140.00'
LT = 93.42'
ST = 46.75'

TRAFFIC DIAGRAM

ADT 2017 / ADT 2037	-Y1-	-L-
	22,400 / 27,300	
US 301 BYPASS	7,700 / 9,400	8,300 / 10,000
	25,800 / 31,500	29,200 / 35,500
	2,900 / 3,600	5,800 / 7,000
US 64 BUS.	15,100 / 18,400	

BRIDGE /PAVEMENT RELATIONSHIP SKETCH

-Y1- POT Sta. 19+60.50 END APPROACH SLAB
-Y1- POT Sta. 19+36.40 END BRIDGE
-Y1- POT Sta. 17+05.47 BEGIN APPROACH SLAB
-Y1- POT Sta. 17+29.57 BEGIN BRIDGE
TYPE III
TYPE B-77
-Y1-
-Y1- POT Sta. 19+50.42 END APPROACH SLAB
-Y1- POT Sta. 19+26.32 END BRIDGE
-Y1- POT Sta. 17+18.73 BEGIN BRIDGE
-Y1- POT Sta. 16+94.63 BEGIN APPROACH SLAB
Δ = 68° 28' 02.4"

FOR STRUCTURE SEE SHEETS SI-1 TO SI-38 AND S2-1 TO S2-39

FOR -L- PROFILE SEE SHT.14
FOR -Y1- & -YIRPA- PROFILE SEE SHT.21
FOR -YIRPB-, -YILPC-, & -YIRPD- PROFILE SEE SHT.22
SEE SHT.2D-1 FOR DITCH DETAILS

FOR INTERSECTION DETAILS, SEE SHT.2B-1

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4/6/2017
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FKelly