PROJECT REFERENCE NO.	SHEET NO.
I-0914BB	50
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
1/15/2015
NORTH CAROLINA PROFESSIONAL SEAL 034371 ENGINEER BRANDON W. JOHNSON
DocuSigned by: Brandon W. Johnson

HYDRAULICS ENGINEER
1/26/2015
NORTH CAROLINA PROFESSIONAL SEAL 20147 ENGINEER FRANK F. FLEMING
DocuSigned by: Frank F Fleming

Prepared in the Office of: SUMMIT DESIGN AND ENGINEERING SERVICES
721A Corporate Circle
NC FIRM LICENSE Nos P-0339
504 Meadowlands Drive
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

Prepared in the Office of: ECOLOGICAL ENGINEERING
NC FIRM LICENSE No: F-148
151 SE Cary Parkway
Suite 101
Cary, NC 27518
(919) 557-0929

FOR CR3 PROFILE, SEE SHEET 107
FOR CR2 PROFILE, SEE SHEET 106
FOR -L- PLAN, SEE SHEETS 25 & 26

REVISIONS

-CR3-

-L- PC STA. 335+90.82

PC Sta. 335+87.72

END CONSTRUCTION
-CR3S- PC STA. 16+15.20
-L- POC STA. 338+07.57
-SBL- POC STA. 338+04.13

-CR3S-

PI Sta 11+80.79	PI Sta 14+88.06
Δ = 10° 35' 38.6" (RT)	Δ = 7° 28' 54.9" (LT)
D = 2° 56' 17.7"	D = 2° 56' 17.7"
L = 360.56'	L = 254.64'
T = 180.79'	T = 127.50'
R = 1,950.00'	R = 1,950.00'
DS = 60mph	DS = 60mph

-CR3S- PRC STA. 13+60.56

-CR3N- PRC STA. 13+60.62

END CONSTRUCTION
-CR3N- PC STA. 16+15.21
-L- POC STA. 344+20.00
-SBL- POC STA. 344+15.58
OFF. 11.00'

-NBL- PC Sta. 335+93.92

-CR3N-

PI Sta 11+80.83	PI Sta 14+88.10
Δ = 10° 35' 45.2" (LT)	Δ = 7° 28' 50.3" (RT)
D = 2° 56' 17.7"	D = 2° 56' 17.7"
L = 360.62'	L = 254.60'
T = 180.83'	T = 127.48'
R = 1,950.00'	R = 1,950.00'
DS = 60mph	DS = 60mph

BEGIN CONSTRUCTION
-CR3N- PC STA. 10+00.00
-L- POC STA. 338+06.96
-NBL- POC STA. 338+10.40

BEGIN CONSTRUCTION
-CR3S- PC STA. 10+00.00
-L- POC STA. 344+20.00
-NBL- POC STA. 344+24.42
OFF. 11.00'

GRAU 350 TL-3
CAT-1
BL-214
BL-215
TEMP 2Gt
TEMP 15 CLASS III RCP
PROVIDE TEMP STEEL PLATE
SB I-85 VARIABLE WIDTH BST
NB I-85 VARIABLE WIDTH BST
GUARDRAIL
EXISTING R/W
48"WW&ISBE
48"WW&ISBW
36" RCP
15" RCP
INV=278.00'

-CR2-

-SBL- PT Sta. 349+52.18

-L- PT STA. 349+57.46

END CONSTRUCTION
-CR2S- PT STA. 16+06.08
-L- POT STA. 349+95.00
-SBL- POT STA. 349+89.72

-CR2N-

PI Sta 11+51.83
Δ = 8° 54' 14.9" (LT)
D = 2° 56' 17.7"
L = 303.04'
T = 151.83'
R = 1,950.00'
DS = 60mph

-CR2S-

PI Sta 11+51.83
Δ = 8° 54' 14.9" (RT)
D = 2° 56' 17.7"
L = 303.04'
T = 151.83'
R = 1,950.00'
DS = 60mph

-CR2N- PRC STA. 13+03.04

-CR2S- PRC STA. 13+03.04

END CONSTRUCTION
-CR2N- PT STA. 16+06.08
-L- POT STA. 355+98.65
-SBL- POT STA. 355+93.37
OFF. 11.00'

-CR2N-

PI Sta 11+51.83
Δ = 8° 54' 14.9" (LT)
D = 2° 56' 17.7"
L = 303.04'
T = 151.83'
R = 1,950.00'
DS = 60mph

-CR2S-

PI Sta 11+51.83
Δ = 8° 54' 14.9" (RT)
D = 2° 56' 17.7"
L = 303.04'
T = 151.83'
R = 1,950.00'
DS = 60mph

N 30° 26' 52.3" E
BL-216
BL-217
SB I-85 VARIABLE WIDTH BST
NB I-85 VARIABLE WIDTH BST
48"WW&ISBE
48"WW&ISBW
36" RCP
15" RCP

BEGIN CONSTRUCTION
-CR2N- PT STA. 10+00.00
-L- POT STA. 349+95.00
-NBL- POT STA. 350+00.28

BEGIN CONSTRUCTION
-CR2S- PC STA. 10+00.00
-L- POT STA. 355+98.65
-NBL- POT STA. 356+03.93
OFF. 11.00'

-NBL- PT Sta. 349+62.74

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10/15/2015 10:15:50 AM
brandon.johnson
brandon_johnson_050.dgn