PROJECT REFERENCE NO.	SHEET NO.
I-0914BB	54
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
NC FIRM LICENSE No: F-0176, LICENSE No: P-0339
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Cary, NC 27518
(919) 557-0529

FOR -CRY4RPA- PROFILE, SEE SHEET 114
FOR -CRY4RPC- PROFILE, SEE SHEET 115
FOR -L- PLAN, SEE SHEETS 36, 37, & 38

REVISIONS

-CRY4RPA-

-Y4RPA- TS STA. 10+04.38

-Y4RPA- SC STA. 11+04.38

BEGIN CONSTRUCTION
-Y4RPA- POT STA. 10+00.00
END CONSTRUCTION
-CRY4RPA- PT STA. 16+20.60
-L- POT STA. 506+57.04
-SBL- POT STA. 506+51.75
OFF. 24.00'

-CRY4RPA- PRC STA. 13+46.27

S 32° 32' 22.8" W

300' TAPER

PER FIELD INVESTGATION

SB I-85 VARIABLE WIDTH BST

NB I-85 VARIABLE WIDTH BST

PROVIDE TEMP STEEL PLATE

BEGIN CONSTRUCTION
-CRY4RPA- PC STA. 10+00.00
-L- POT STA. 512+74.02
-NBL- POT STA. 512+79.31

-Y4RPD- CS STA. 14+84.27

BM 236
ELEV. 280.77'
RRS IN 12" PINE

350' SHIFT

-Y4RPD- SC STA. 11+80.00

-Y4RPD- TS STA. 10+00.00
-L- POT STA. 507+66.74
-NBL- POT STA. 507+72.03
OFF. 24.00'

-CRY4RPC-

-CRY4RPC-

PI Sta 11+74.30	PI Sta 14+79.51
Δ = 10° 12' 56.7" (RT)	Δ = 7° 44' 07.0" (LT)
D = 2° 56' 17.7"	D = 2° 56' 17.7"
L = 347.68'	L = 263.26'
T = 174.30'	T = 131.83'
R = 1,950.00'	R = 1,950.00'
DS = 60mph	DS = 60mph

BEGIN CONSTRUCTION
-CRY4RPC- PC STA. 10+00.00
-L- POT STA. 480+04.81
-SBL- POT STA. 479+99.52

-Y4RPB- ST STA. 10+00.00
-L- POT STA. 484+94.13
-SBL- POT STA. 484+88.84
OFF. 24.00'

300' TAPER

500' ACCEL LANE

350' SHIFT

-Y4RPB- SC STA. 11+80.00

REMOVE AND REPLACE EXISTING GUARDRAIL AS SHOWN

CAT-1

GRAU 350 TL-3

N 30° 25' 33.1" E

BL-233

BL-234

PROVIDE TEMP STEEL PLATE

N 32° 54' 22.8" E

300' TAPER

-CRY4RPC- PRC STA. 13+47.68

BEGIN CONSTRUCTION
-Y4RPC- POT STA. 10+00.00
END CONSTRUCTION
-CRY4RPC- PC STA. 16+10.94
-L- POT STA. 486+12.10
-NBL- POT STA. 486+17.39
OFF. 24.00'

-Y4RPC- TS STA. 10+06.59

-Y4RPC- SC STA. 11+06.59

15-DEC-2014 12:00
pw:\\pwdevpw\proj\4703\dgn\054.dgn
brandon.johnson