

09/08/19

See Sheet 1A For Index of Sheets
See Sheet 1B For Standard Symbology Sheet

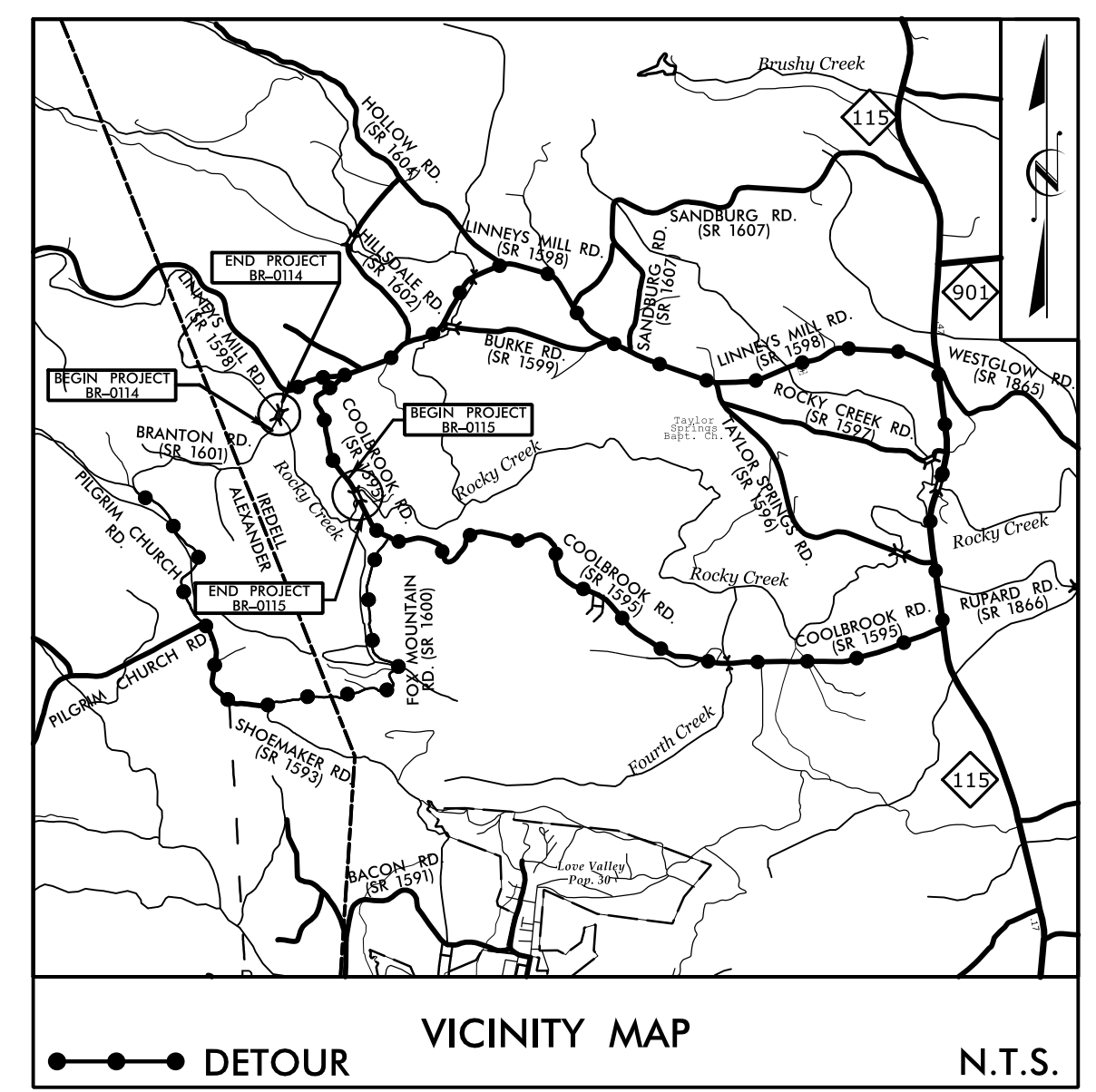
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

IREDELL COUNTY

**LOCATION: BRIDGE #165 OVER ROCKY CREEK ON SR 1601 (BRANTON RD)
AND BRIDGE #166 OVER ROCKY CREEK ON SR 1595
(COOLBROOK RD)**

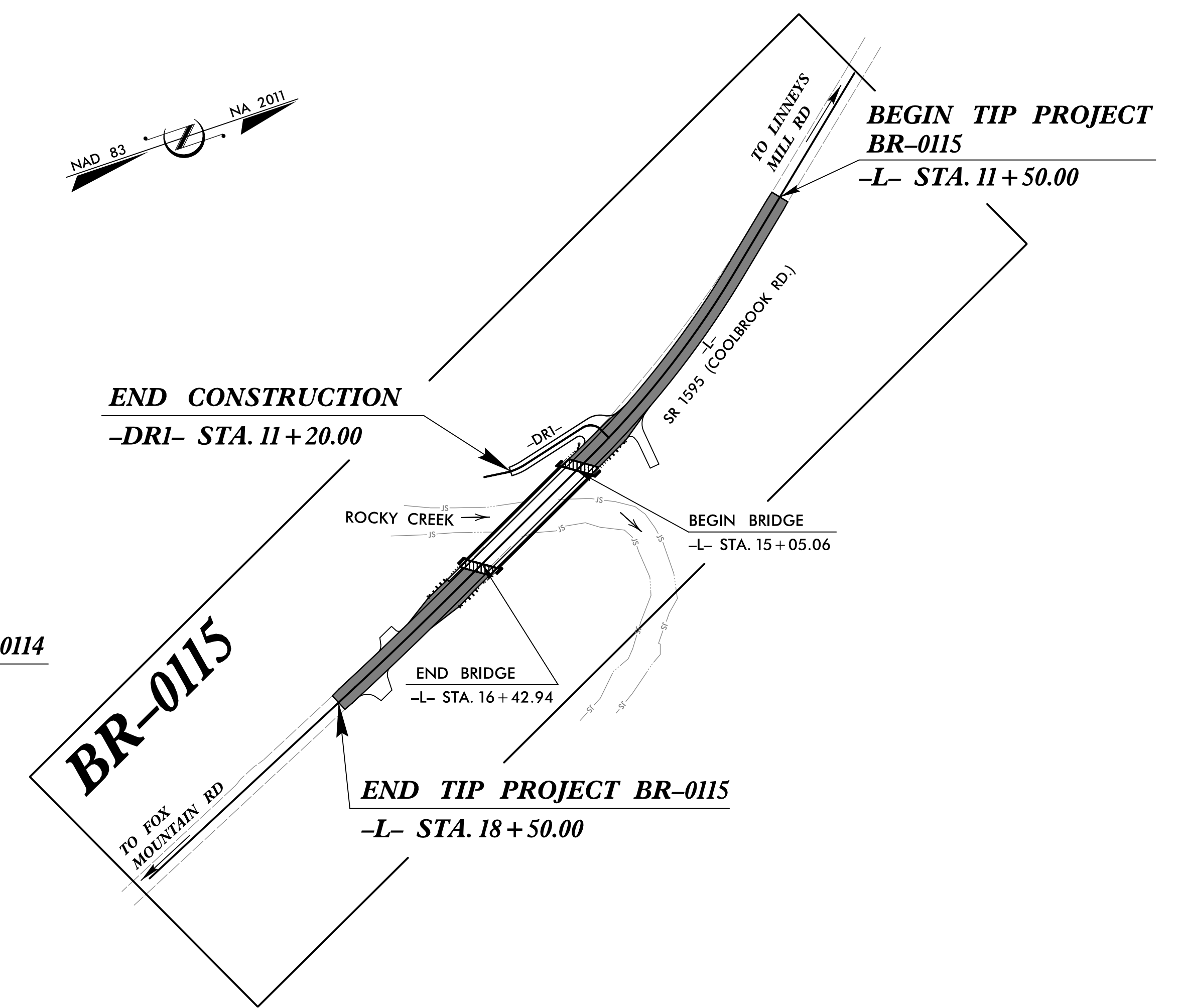
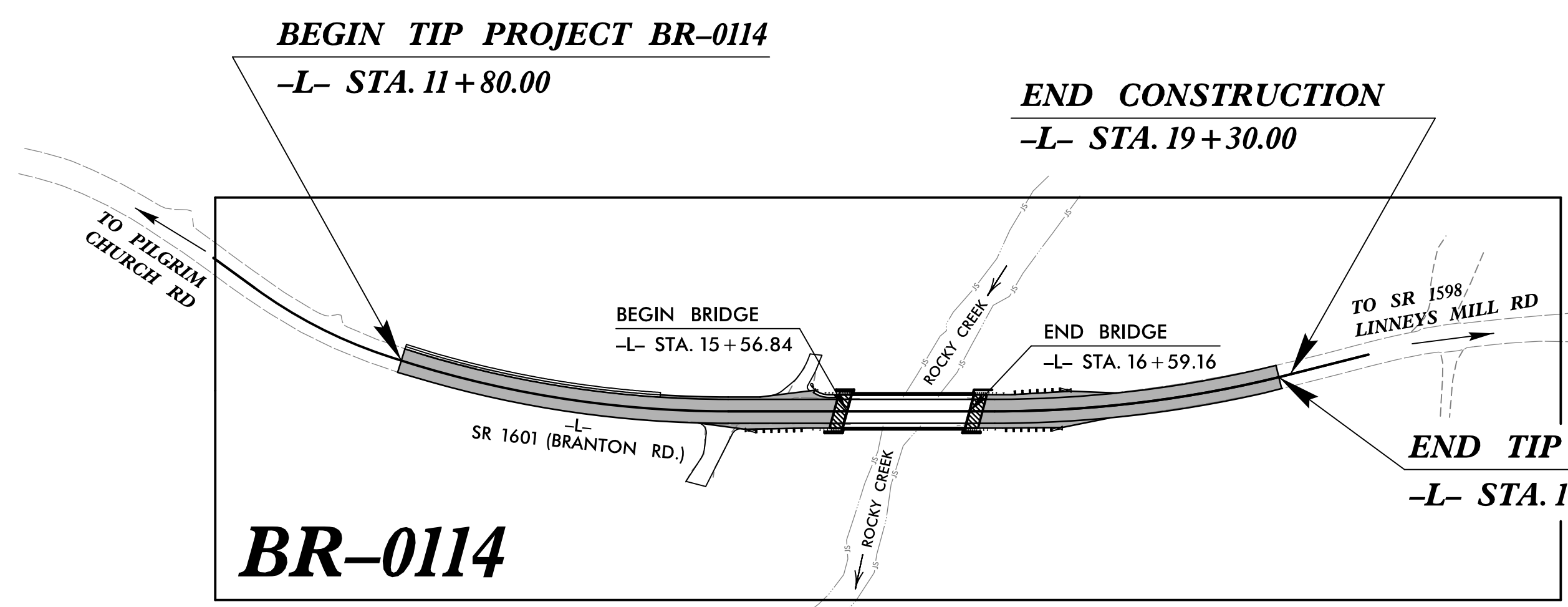
TYPE OF WORK: GRADING, DRAINAGE, PAVING, & STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0114/BR-0115	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
48823.1.1		P.E. (BR-0114)	
48824.1.1		P.E. (BR-0115)	
48823.2.1		R.O.W/UTIL. (BR-0114)	
48824.2.1		R.O.W/UTIL. (BR-0115)	
48823.3.1	2020001	CONSTR. (BR-0114)	
48824.3.1	2020001	CONSTR. (BR-0115)	



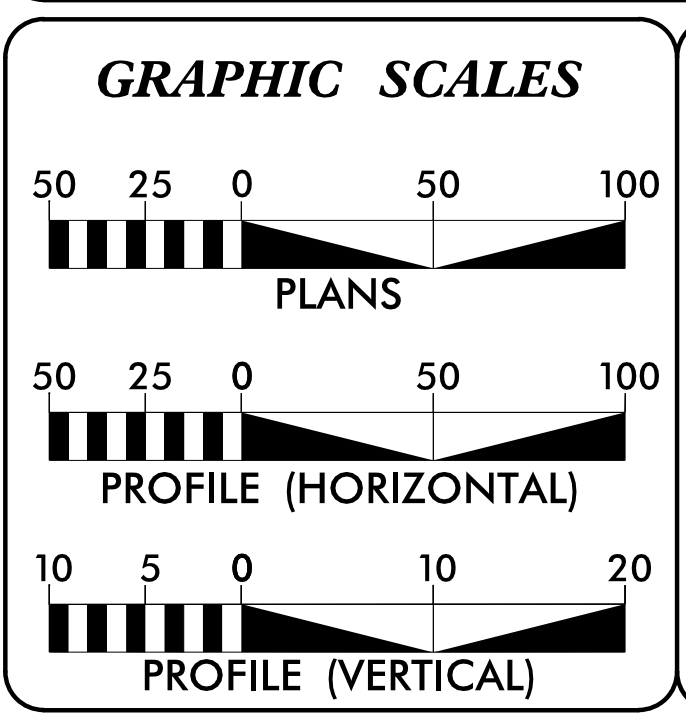
CONTRACT: C204516

TIP PROJECT: BR-0114/BR-0115



DESIGN EXCEPTION FOR BR-0114 APPROVED FOR K VALUE & NIGHTTIME VERTICAL SSD. (11-06-2019)
BR-0115 TO BE CONSTRUCTED BEFORE BR-0114. REFER TO TRANSPORTATION MANAGEMENT PLAN FOR DETOUR ROUTES.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



BR-0114 DESIGN DATA	
ADT 2020 =	518
ADT 2040 =	960
DHV =	N/A
D =	N/A
T =	N/A
V =	55 MPH
FUNC. CLASSIFICATION: LOCAL SUB-REGIONAL TIER	

BR-0115 DESIGN DATA	
ADT 2020 =	653
ADT 2040 =	1120
DHV =	N/A
D =	N/A
T =	N/A
V =	35 MPH
FUNC. CLASSIFICATION: LOCAL SUB-REGIONAL TIER	

PROJECT LENGTH	
LENGTH OF ROADWAY TIP PROJECT BR-0114 =	0.121 MILES
LENGTH OF STRUCTURE TIP PROJECT BR-0114 =	0.019 MILES
TOTAL LENGTH OF TIP PROJECT BR-0114 =	0.140 MILES
LENGTH OF ROADWAY TIP PROJECT BR-0115 =	0.107 MILES
LENGTH OF STRUCTURE TIP PROJECT BR-0115 =	0.026 MILES
TOTAL LENGTH OF TIP PROJECT BR-0115 =	0.133 MILES
TOTAL LENGTH OF TIP PROJECT BR-0114/BR-0115 =	0.273 MILES
NCDOT CONTACT: DAVID STUTTS, PE Structures Management Unit	

PLANS PREPARED FOR THE NCDOT BY:	
2018 STANDARD SPECIFICATIONS	STV Engineers, Inc. 900 West Trade St., Suite 715 Charlotte, NC 28202 NC License Number F-0991
RIGHT OF WAY DATE: NOVEMBER 27, 2019	J. ADAM FREEMAN, PE PROJECT ENGINEER
LETTING DATE: DECEMBER 15, 2020	NARONG PHAL, PE PROJECT DESIGNER

HYDRAULICS ENGINEER
11/11/2020

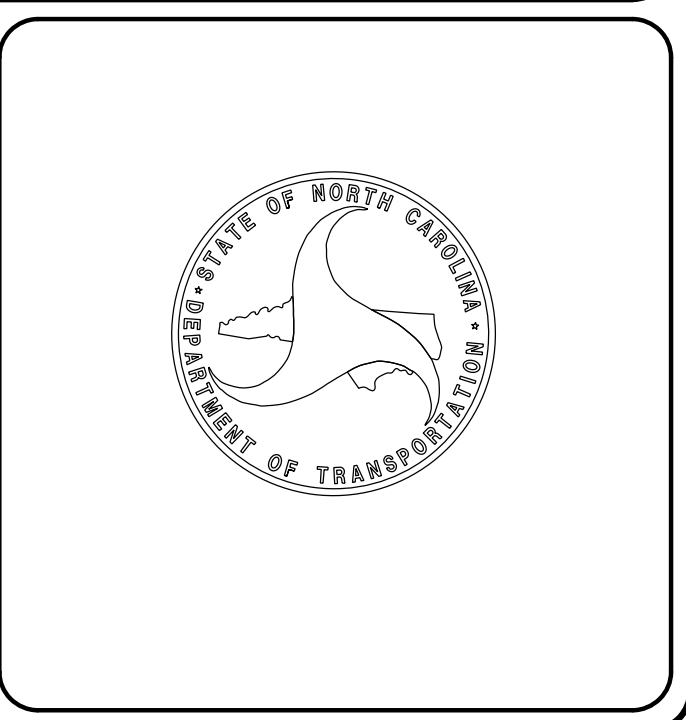
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Edward J. Vance
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ENGINEER
EDWARD J. VANCE
P.E.

SIGNATURE:

ROADWAY DESIGN ENGINEER
11/11/2020

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JOSEPH A. FREEMAN
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