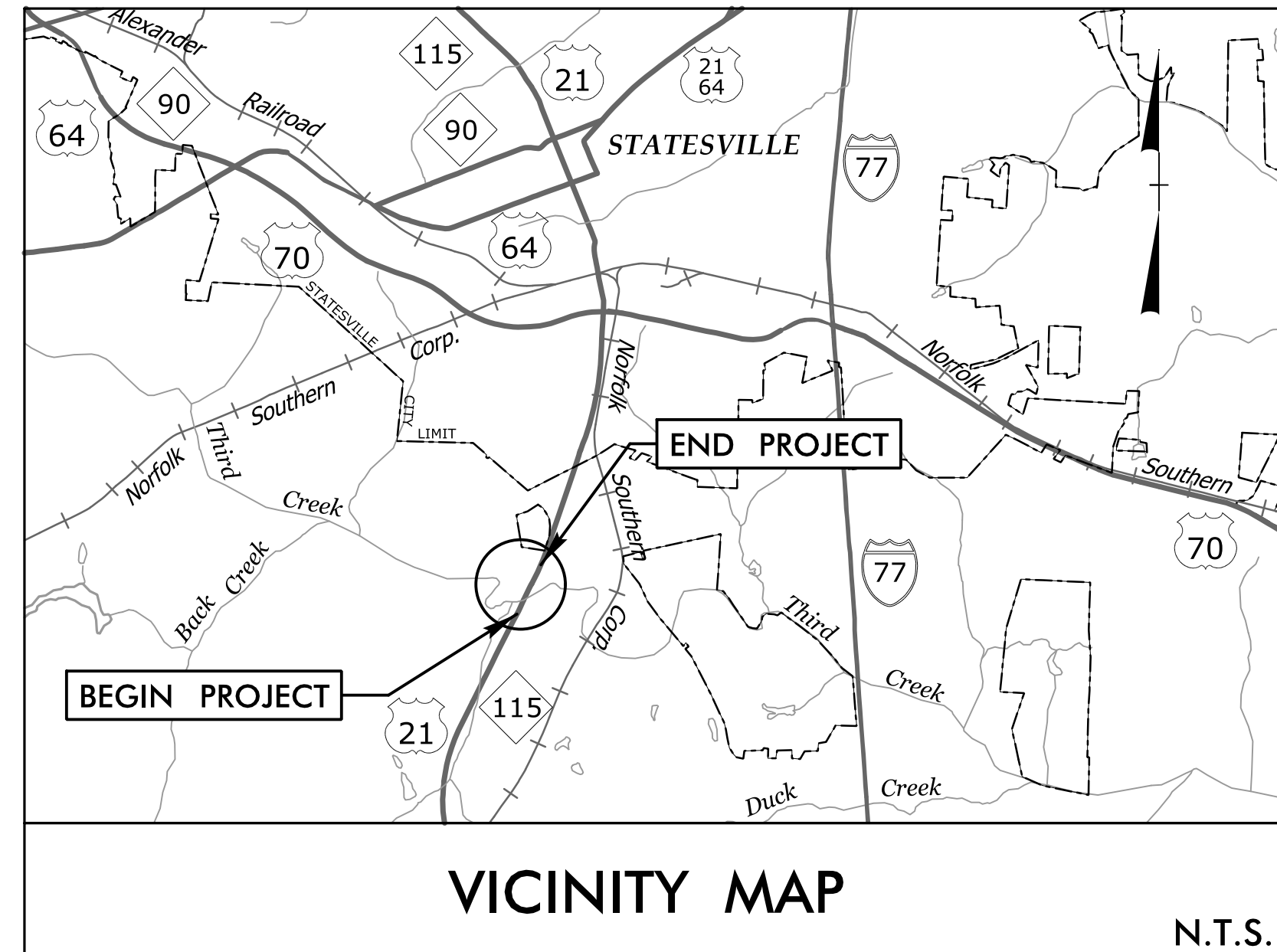


09/08/19

See Sheet 1A For Index of Sheets  
See Sheet 1B For Conventional Symbols  
See Sheet 1C-1 For Survey Control Sheet



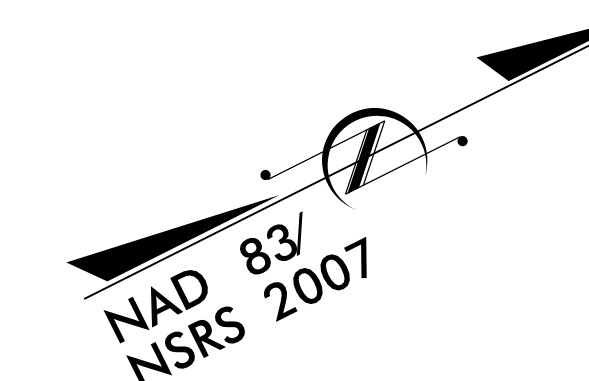
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**IREDELL COUNTY**

**LOCATION: REPLACE BRIDGE NO. 38 OVER THIRD CREEK  
ON US 21 - NC 115**

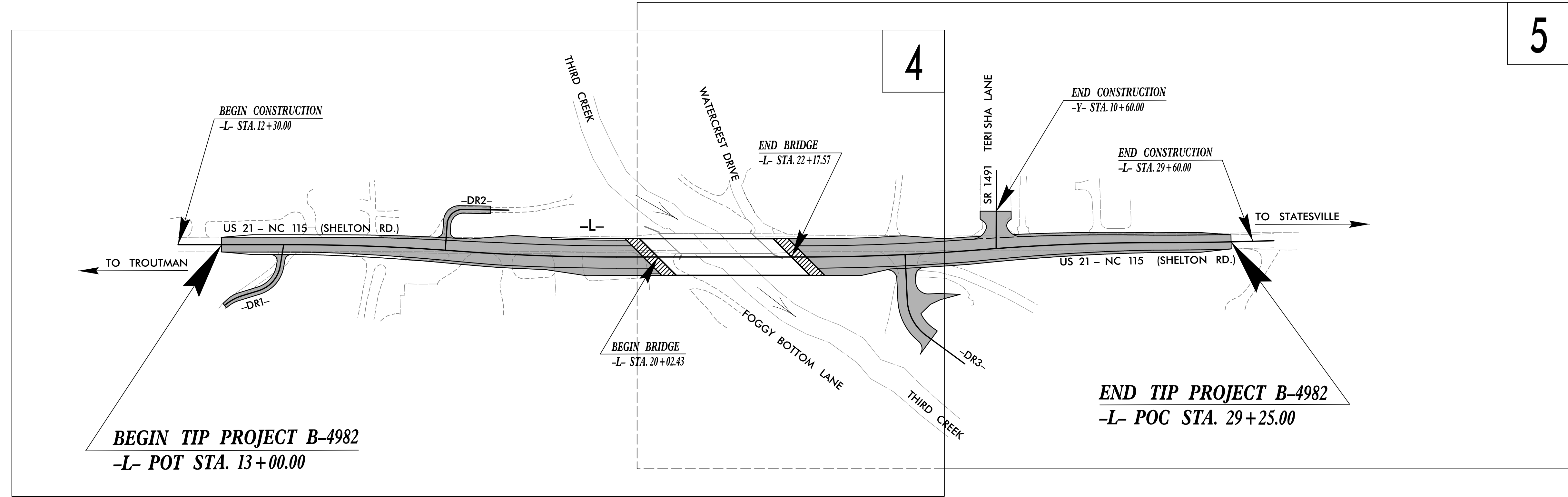
**TYPE OF WORK: GRADING, DRAINAGE, PAVING, & STRUCTURE**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	<b>B-4982</b>	<b>1</b>	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
40159.1.1	BRSTP-0021(15)	PE	
40159.2.1		R / W	
40159.3.1		CONSTRUCTION	



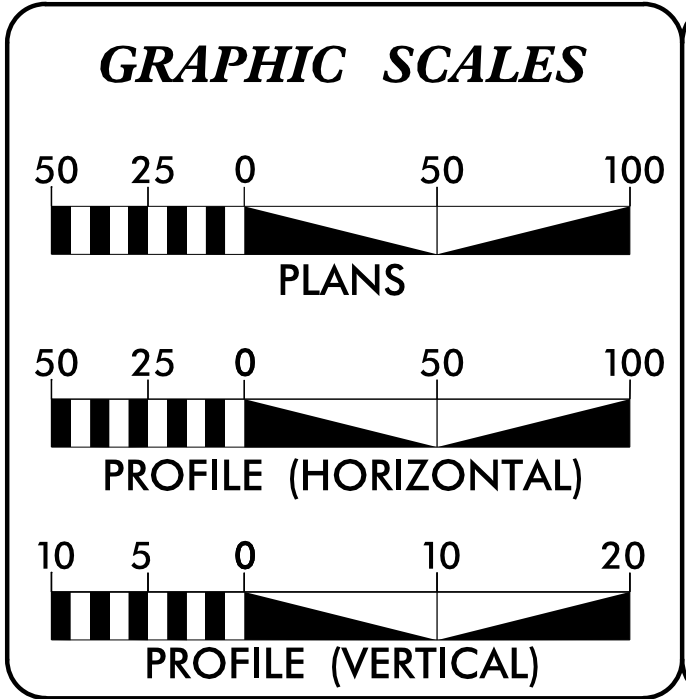
**TIP PROJECT: B-4982**

**CONTRACT: C203956**



NOTES:  
TRAFFIC IS TO BE MAINTAINED ONSITE USING STAGED CONSTRUCTION.

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



**DESIGN DATA**

ADT 2018 =	13100
ADT 2038 =	21700
K =	9 %
D =	55 %
T =	5 % *
V =	50 MPH
* TTST =	1% DUAL 4%
FUNC CLASS =	ARTERIAL
REGIONAL TIER	

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-4982	=	0.267
LENGTH STRUCTURE TIP PROJECT B-4982	=	0.041
TOTAL LENGTH OF TIP PROJECT B-4982	=	0.308

NCDOT CONTACT: BRYAN KEY, PE  
PROJECT DESIGN ENGINEER

**PLANS PREPARED FOR THE NCDOT BY:**

**STV** 100 Years  
STV Engineers, Inc.  
900 West Trade St., Suite 715  
Charlotte, NC 28202  
NC License Number F-0991

2018 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:**  
SEPTEMBER 22, 2016

**LETTING DATE:**  
JUNE 19, 2018

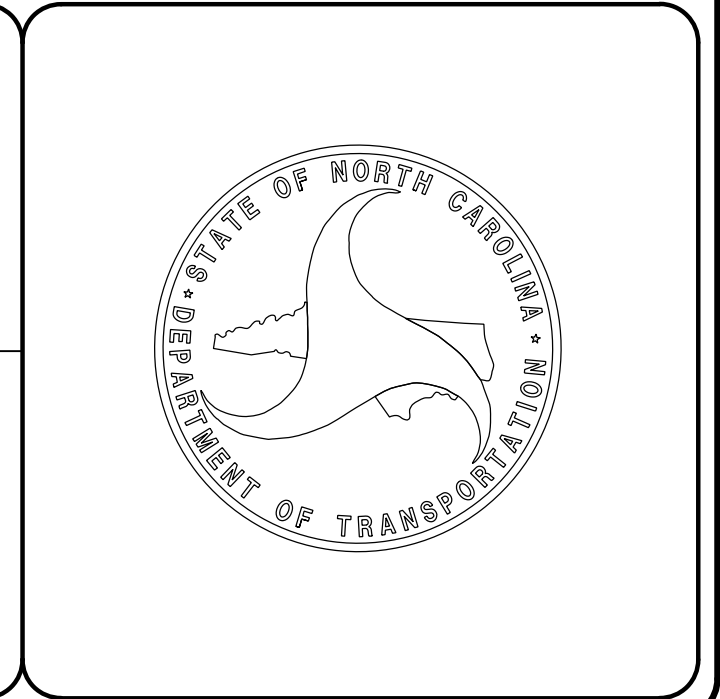
**SEAN C. STEPHENS, PE**  
PROJECT ENGINEER

**MAAMOON K. ABDELAZIZ**  
PROJECT DESIGNER

**HYDRAULICS ENGINEER**

Sealed by: Joshua G. Dalton P.E. 4/18/2018  
SIGNATURE: \_\_\_\_\_  
**ROADWAY DESIGN ENGINEER**

Sealed by: Sean C. Stephens P.E. 4/18/2018  
SIGNATURE: \_\_\_\_\_



3/28/2018 11:04:00 AM C:\SHT\B-4982\_Rdy\_psh01.tsh.dgn stephesc