

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4822	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
38592.1.1	BRZ-1119(4)	P.E.	
38592.2.FD1	BRZ-1119(4)	RW & UTIL.	
38592.3.FD1	BRZ-1119(4)	CONST.	

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

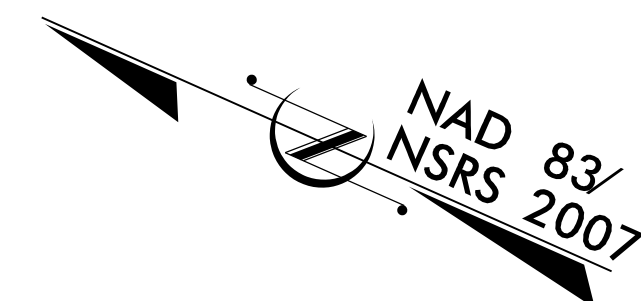
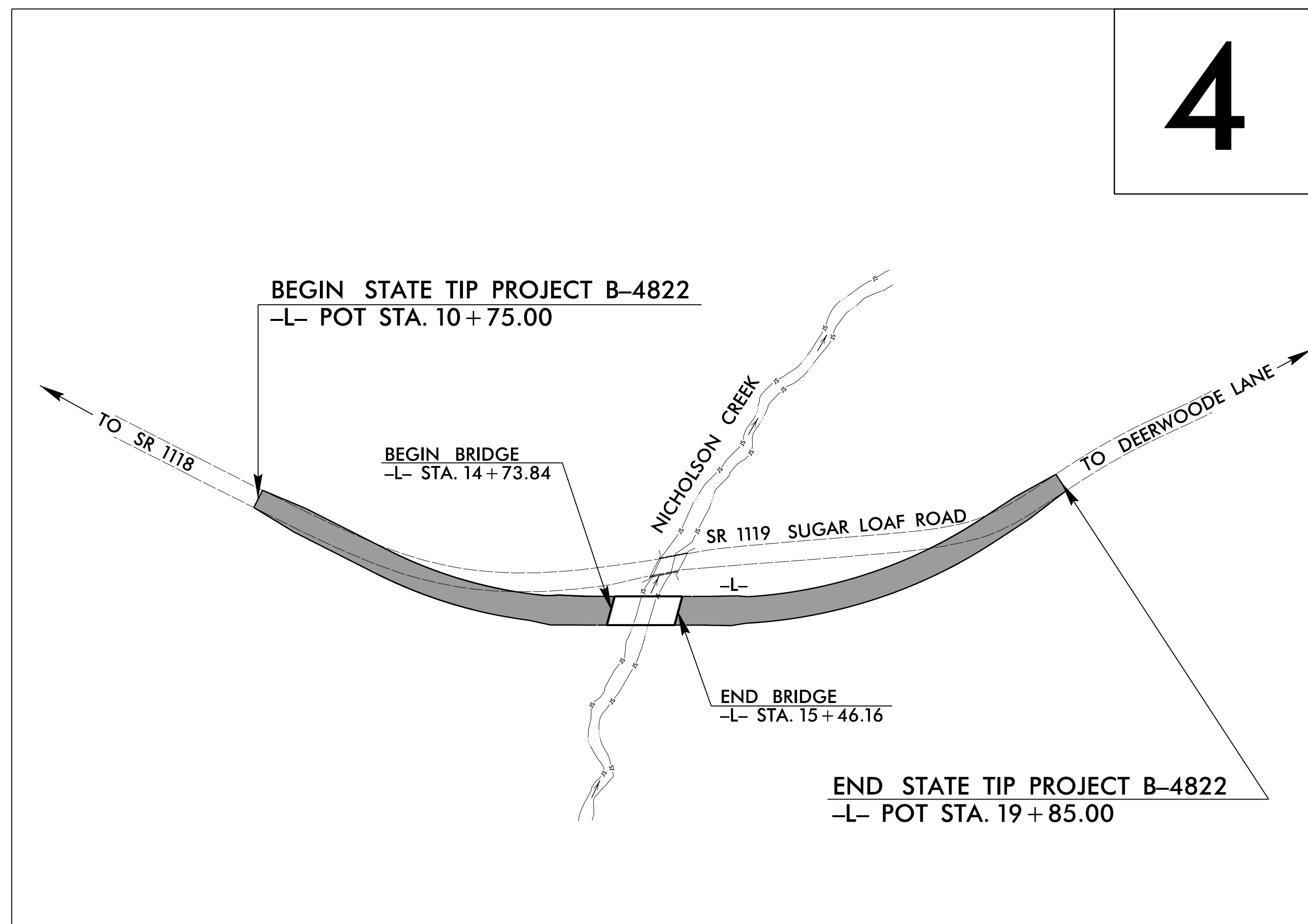
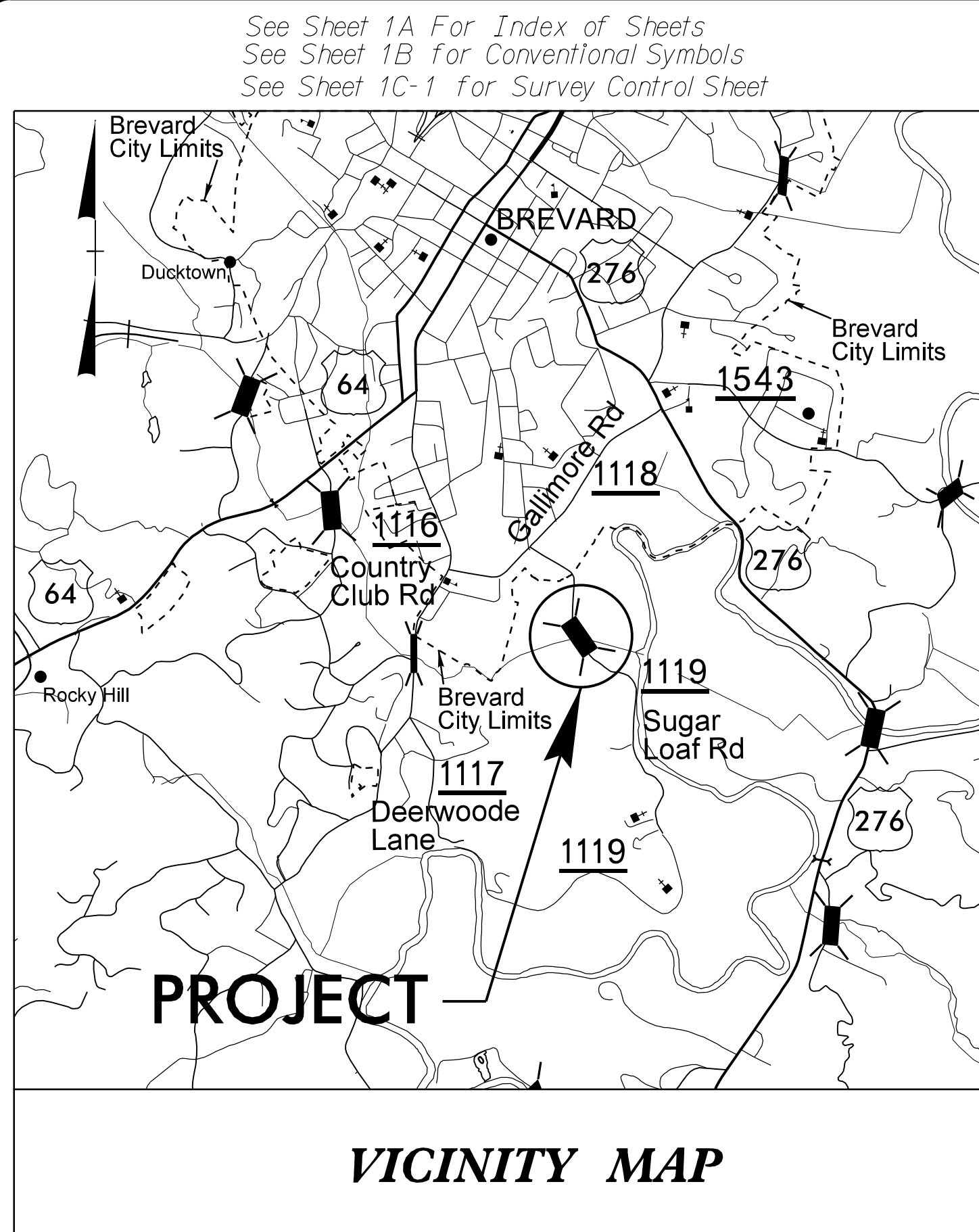
TRANSYLVANIA COUNTY

**LOCATION: BRIDGE NO. 13 OVER NICHOLSON CREEK
ON SR 1119 (SUGAR LOAF ROAD)**

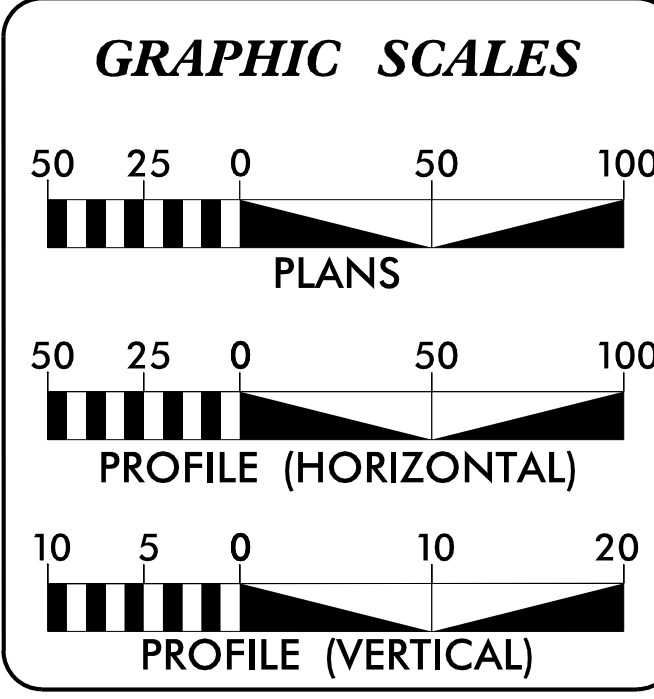
TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE

TIP PROJECT: B-4822

CONTRACT: C203666



SUNGATE DESIGN GROUP, P.A.
915 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
TEL. (919) 859-2243 FAX (919) 859-9258
ENG FIRM LICENSE NO. C-890



DESIGN DATA

ADT 2016 =	230
ADT 2036 =	300
K =	9 %
D =	55 %
T =	6 % *
V =	40 MPH
* (TTST = 2% DUAL = 4%)	
FUNC CLASS =	RURAL LOCAL
SUB-REGIONAL TIER	

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT B-4822	=	0.158 MILES
LENGTH OF STRUCTURE TIP PROJECT B-4822	=	0.014 MILES
TOTAL LENGTH OF TIP PROJECT B-4822	=	0.172 MILES

Prepared in the Office of:
KCI Associates of N.C., P.A.
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KCI

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
FEBRUARY 20, 2015

LETTING DATE:
JANUARY 19, 2016

NCDOT CONTACT: **REKHA PATEL, PE**
PROJECT ENGINEER - ROADWAY DESIGN

Plans Prepared For:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr.
Raleigh NC, 27610

DEWAYNE L. SYKES, P.E.
PROJECT ENGINEER

BARRY C. SMITH, P.E.
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

DocuSigned by:
Joshua G Dalton
10/14/2015 P.E.

ROADWAY DESIGN ENGINEER

DocuSigned by:
Barry C. Smith
10/14/2015 P.E.

