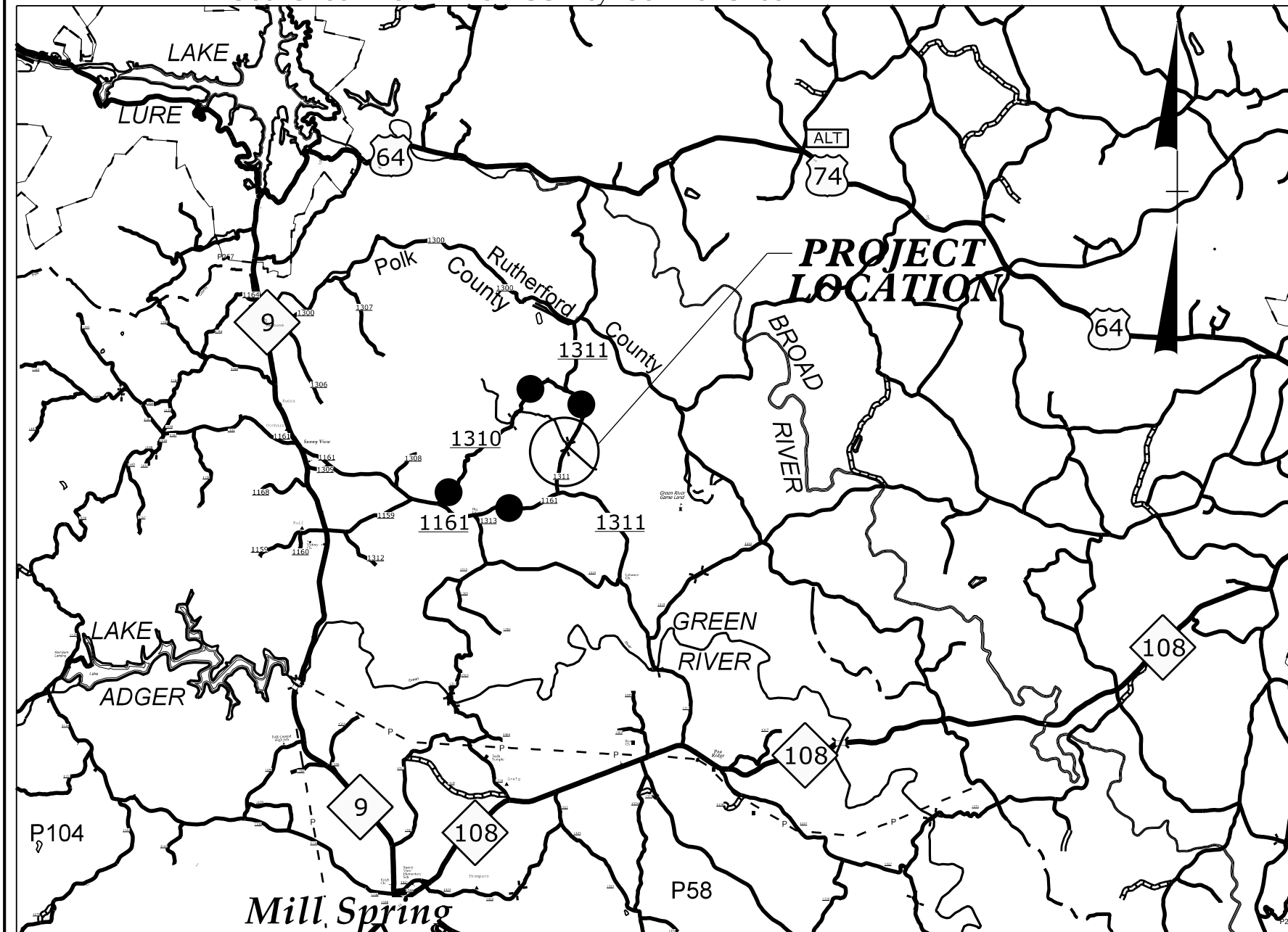


09/08/19

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



VICINITY MAP

●●●●● OFF-SITE DETOUR

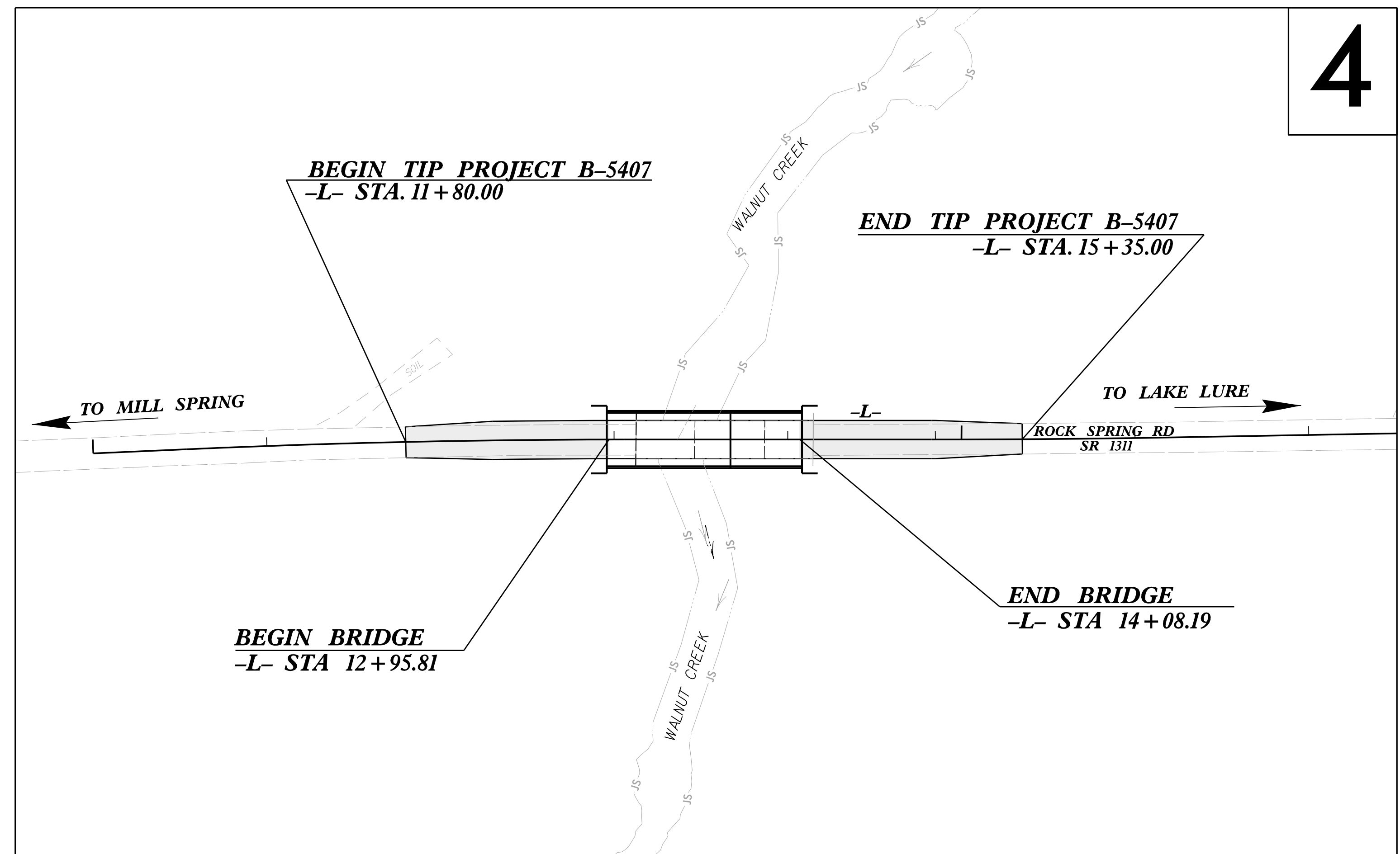
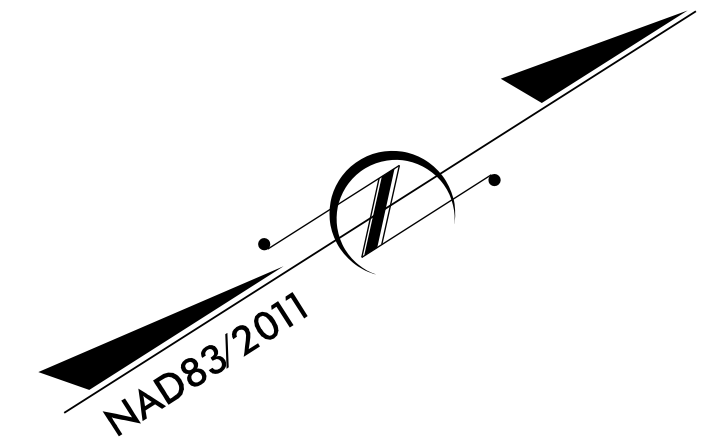
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

POLK COUNTY

**LOCATION: BRIDGE NO. 34 OVER WALNUT CREEK
ON SR 1311 (ROCK SPRING ROAD)**

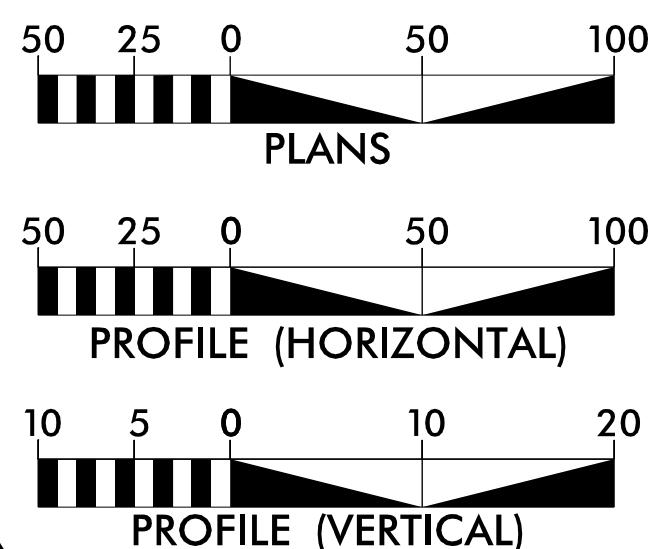
TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5407	1	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
46122.1.1	BRZ-1311(13)	PE	
46122.2.1		RW & UTILITY	
46122.3.1	BRZ-1311(13)	CONST.	



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

GRAPHIC SCALES



DESIGN DATA

ADT 2018 = 523
ADT 2038 = 623
K = 12 %
D = 60 %
T = 11 % *
V = 60 MPH
* TTST = 2% + DUALS = 9%
FUNC CLASS =
MINOR COLLECTOR
SUBREGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY T.I.P. PROJECT B-5407 = 0.046
LENGTH STRUCTURE T.I.P. PROJECT B-5407 = 0.021
TOTAL LENGTH OF T.I.P. PROJECT B-5407 = 0.067

Prepared in the Office of:

LOCHNER
H. W. LOCHNER, INC.
2840 PLAZA PLACE, SUITE 202
RALEIGH, NC 27612
(919) 571-7111
NC License Number F-01939

ECOLOGICAL ENGINEERING
NC FIRM LICENSE No: F-1148
1151 SE Cary Parkway
Suite 101
Cary, NC 27518
(919) 557-0029

2018 STANDARD SPECIFICATIONS

BRIAN K. EASON, PE
PROJECT ENGINEER

CHRISTINA YOKELEY
PROJECT DESIGN ENGINEER

DAVID STUTTS, PE
NCDOT CONTACT

RIGHT OF WAY DATE:
MAY 1, 2017

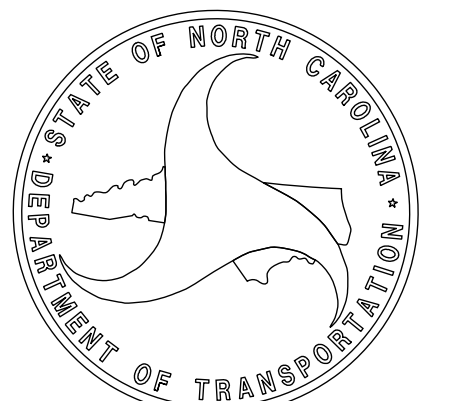
LETTING DATE:
MAY 15, 2018

HYDRAULICS ENGINEER

BRIAN K. EASON
3/14/2018
P.E.

ROADWAY DESIGN ENGINEER

BRIAN K. EASON
3/14/2018
P.E.



TIP PROJECT: B-5407

CONTRACT: C204079

3/14/2018
B-5407_Rdy_psh_01_tsh.dgn
cyokeley