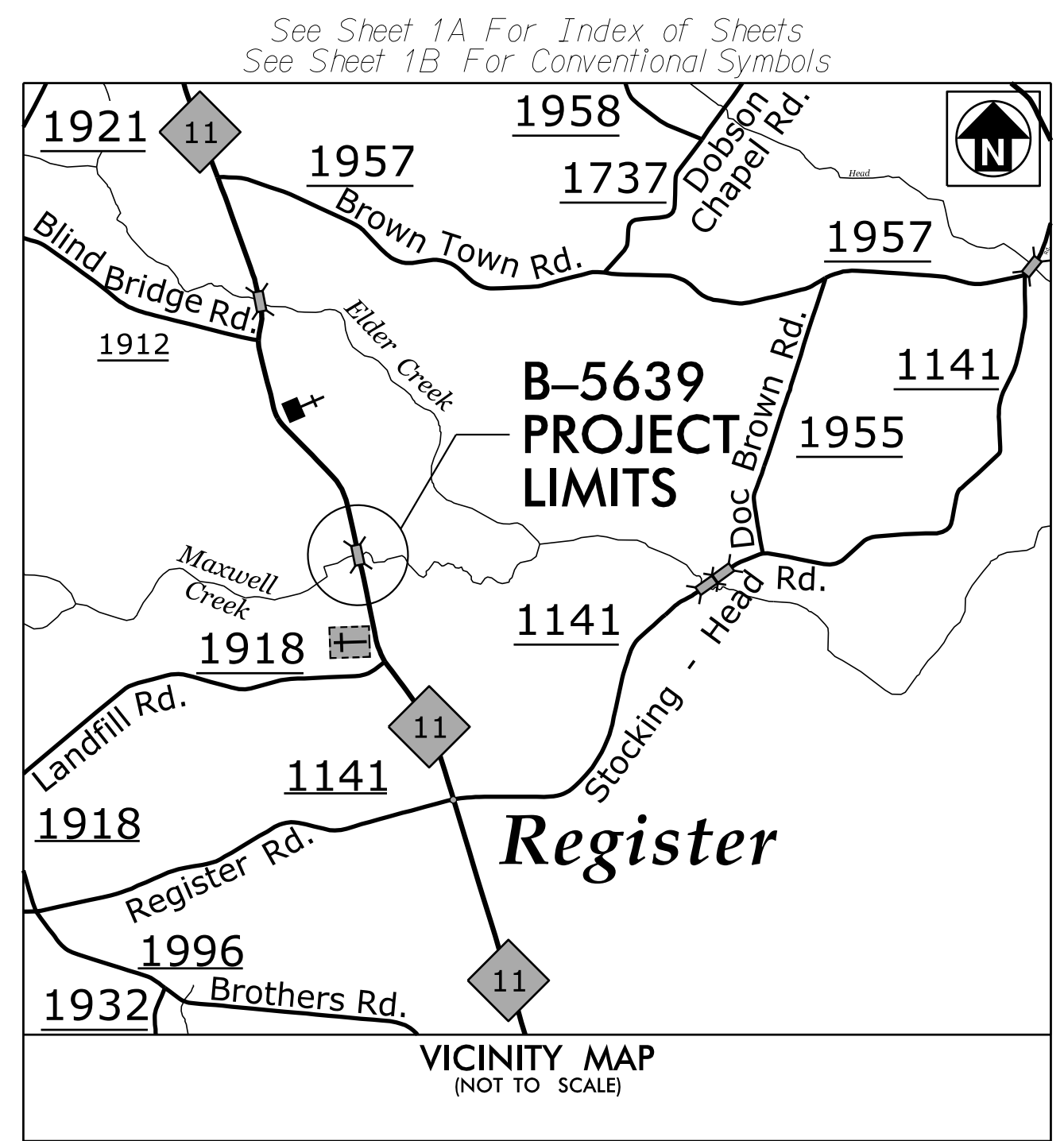


09/28/2019

PROJECT: B-5639

CONTRACT: C204535



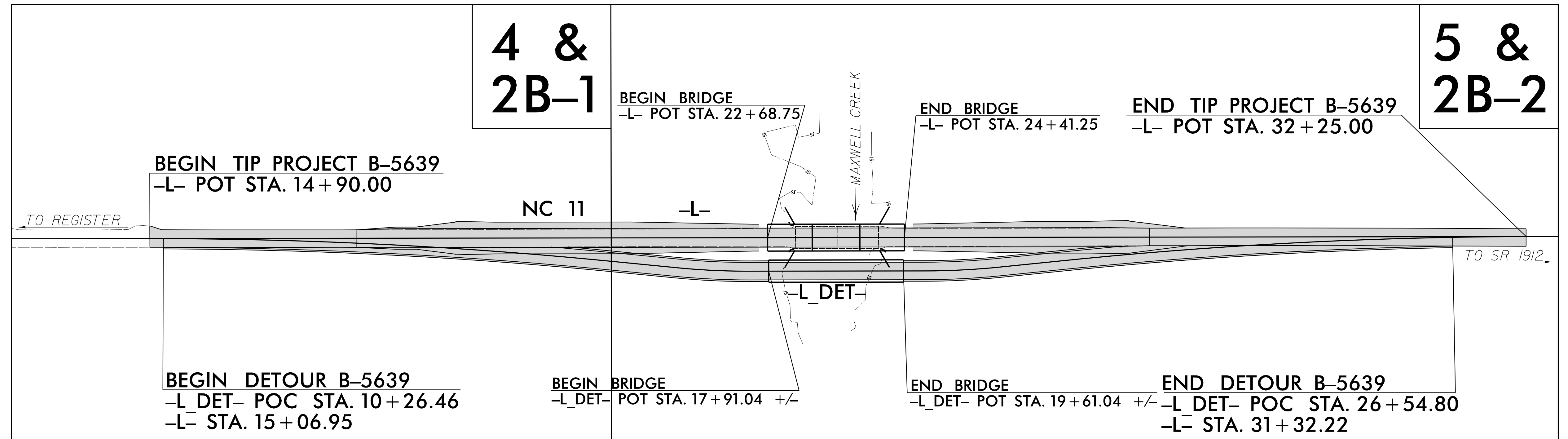
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

DUPLIN COUNTY

**LOCATION: BRIDGE NO. 36 OVER MAXWELL CREEK
ON NC 11 (CLODFELTER ROAD)**

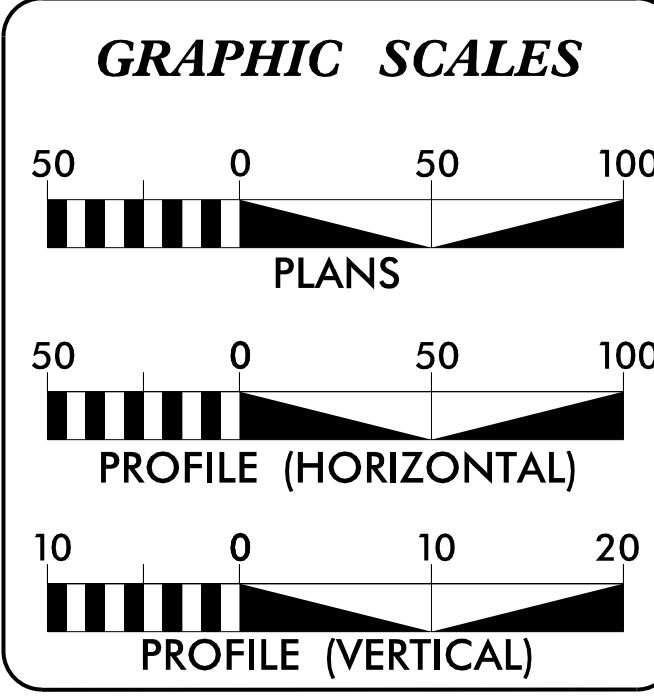
TYPE OF WORK: GRADING, PAVING, DRAINAGE AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5639	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45594.1.1		P.E.	
45594.2.1		RW & UTL	
45594.3.1		CONST	



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

SIMPSON ENGINEERS & ASSOCIATES
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(919) 852-0468
(919) 852-0598 (Fax)
www.simpsonengr.com
LICENSE NO. C-2521



DESIGN DATA

ADT 2020 = 2,617
ADT 2040 = 3,200

K = 9 %
D = 55 %
T = 5 %*
V = 60 MPH

* TTST = 2% DUAL 3%

SUB-REGIONAL TIER
MAJOR COLLECTOR

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-5639 = 0.296 MILES

LENGTH STRUCTURE TIP PROJECT B-5639 = 0.033 MILES

TOTAL LENGTH TIP PROJECT B-5639 = 0.329 MILES

PLANS PREPARED FOR NCDOT BY:

M M
MOTT MACDONALD
2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
NOVEMBER 27, 2019

LETTING DATE:
FEBRUARY 16, 2021

SUNGATE DESIGN GROUP, P.A.
905 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27608
TEL: (919) 859-2243
ENG FIRM LICENSE NO. C-890

MICHAEL PEKAREK, PE
PROJECT ENGINEER

JOSH DALTON, PE
HYDRAULIC ENGINEER

DAVID STUTTS, PE
NCDOT BRIDGE PROGRAM MANAGER

HYDRAULICS ENGINEER

DocuSigned by:
Joshua G Dalton
SIGNATURE: P.E. 1/5/2021

ROADWAY DESIGN ENGINEER

DocuSigned by:
Michael Pekarek
SIGNATURE: P.E. 1/5/2021

