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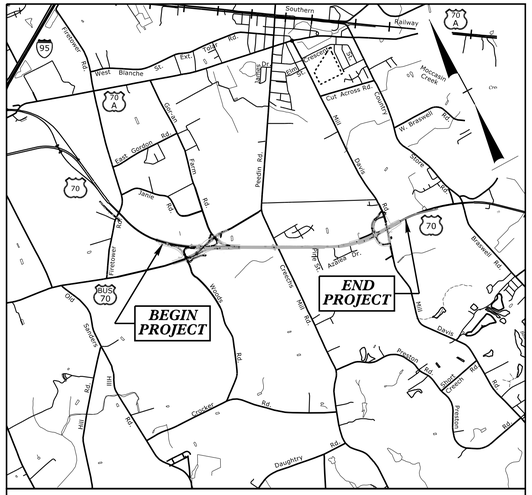
09/08/99

TIP PROJECT: W-5107

CONTRACT: C202653

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



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

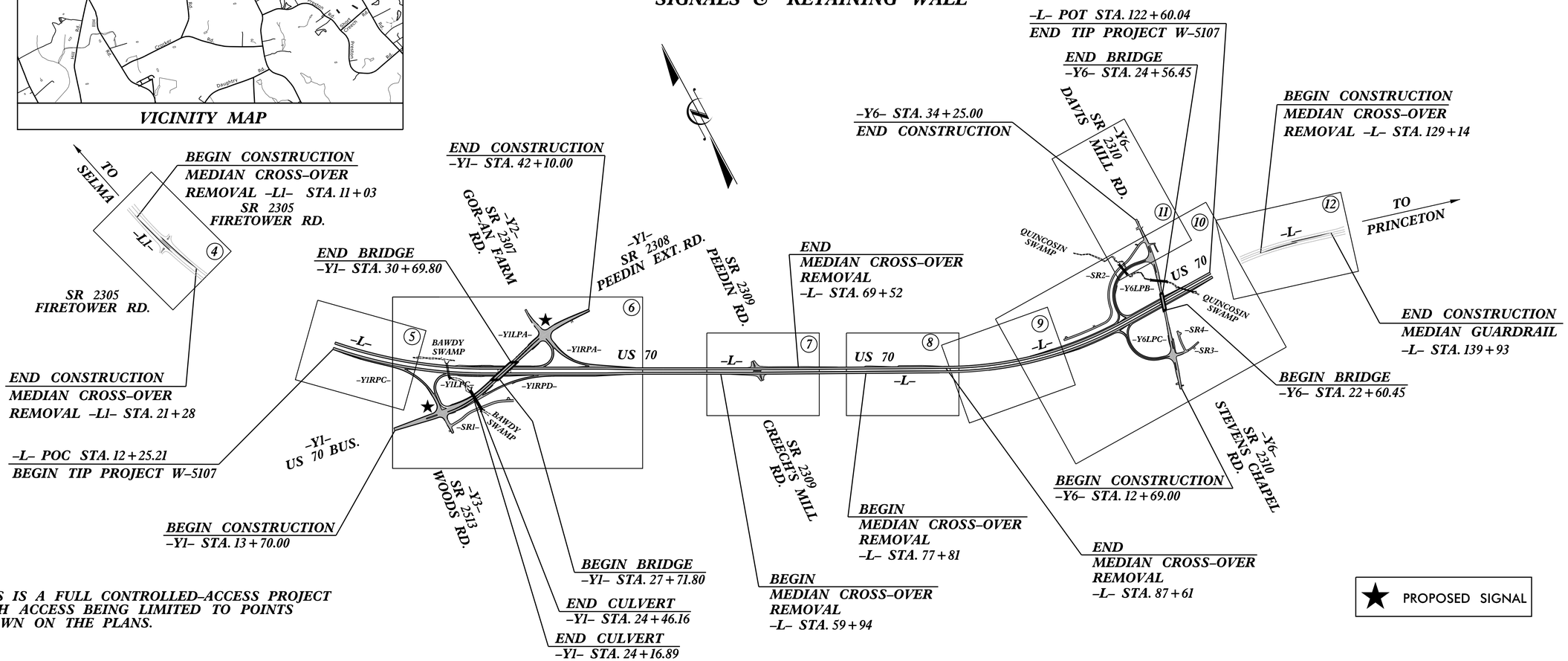
JOHNSTON COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5107	1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
WBS-41871.1.1	STPNHS-0070(117)	P.E.
WBS-41871.2.1	STPNHS-0070(117)	R/W, UTIL.
WBS-41871.3.FS1	STPNHS-0070(117)	CONST.

LOCATION: US 70 EAST OF I-95 FROM SR 2305 (FIRETOWER RD.) TO EAST OF SR 2310 (DAVIS MILL RD. - STEVENS CHAPEL RD.)

TYPE OF WORK: GRADING, PAVING, DRAINAGE, CULVERTS, STRUCTURES, SIGNING SIGNALS & RETAINING WALL



THIS IS A FULL CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS SHOWN ON THE PLANS.

GRAPHIC SCALES

50 25 0 50 100
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

10 5 0 10 20
PROFILE (VERTICAL)

DESIGN DATA

ADT 2015 = 29,538
ADT 2035 = 45,000
DHV = 9 %
D = 60 %
T = 10 % *
V = 60 MPH
FUNCTIONAL CLASS = RURAL PRINCIPAL ARTERIAL STATEWIDE TIER DESIGN
*TTST = 6% DUALS = 4%

PROJECT LENGTH

LENGTH ROADWAY PROJECT = 2.090 MILES
TOTAL LENGTH STATE PROJECT = 2.090 MILES

Prepared In the Office of:

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www.wspsellis.com
LICENSE NO. F-0891

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for the North Carolina Department of Transportation

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
MARCH 28, 2013

LETTING DATE:
FEBRUARY 17, 2015

ARCADIS CONTACT
STEVE SMALLWOOD, P.E.
PROJECT ENGINEER

NCDOT CONTACT
JERRY PAGE, P.E.
PROJECT ENGINEER

HYDRAULICS ENGINEER
DocuSigned by: Ana Passman 12/12/2014
SIGNATURE: P.E.
NORTH CAROLINA PROFESSIONAL SEAL 26306 ENGINEER ANA P. PASSMAN
REGISTERED ENGINEER

ROADWAY DESIGN ENGINEER
DocuSigned by: E1E5355595C496... 12/12/2014
SIGNATURE: P.E.
NORTH CAROLINA PROFESSIONAL SEAL 022037 ENGINEER STEPHEN T. SMALLWOOD
SEAL NOT VALID UNLESS SIGNED AND DATED

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

12/12/2014
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