

TIP PROJECT: I-4700

CONTRACT: C204266

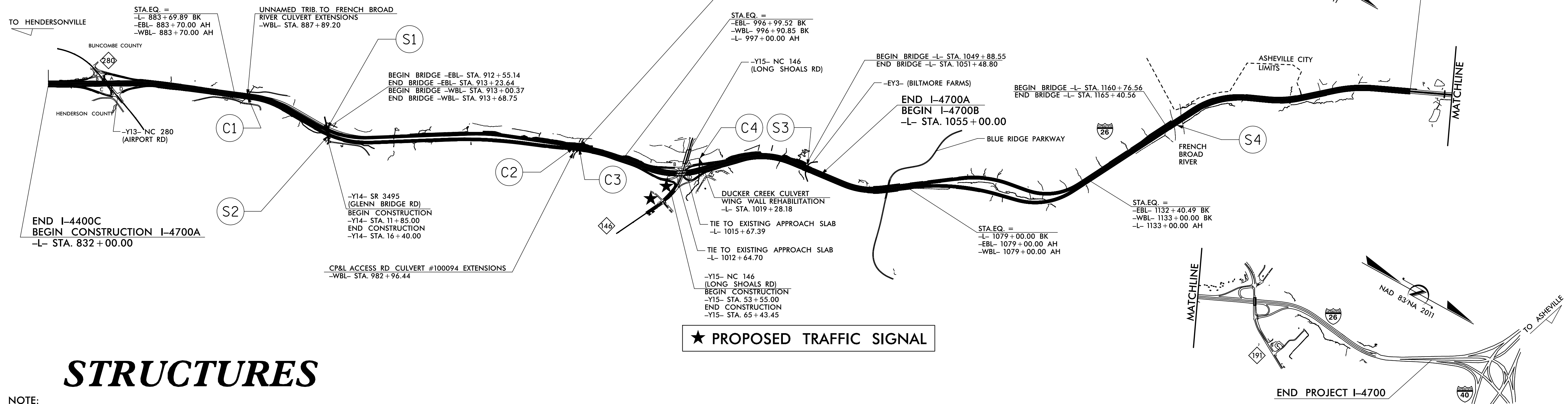
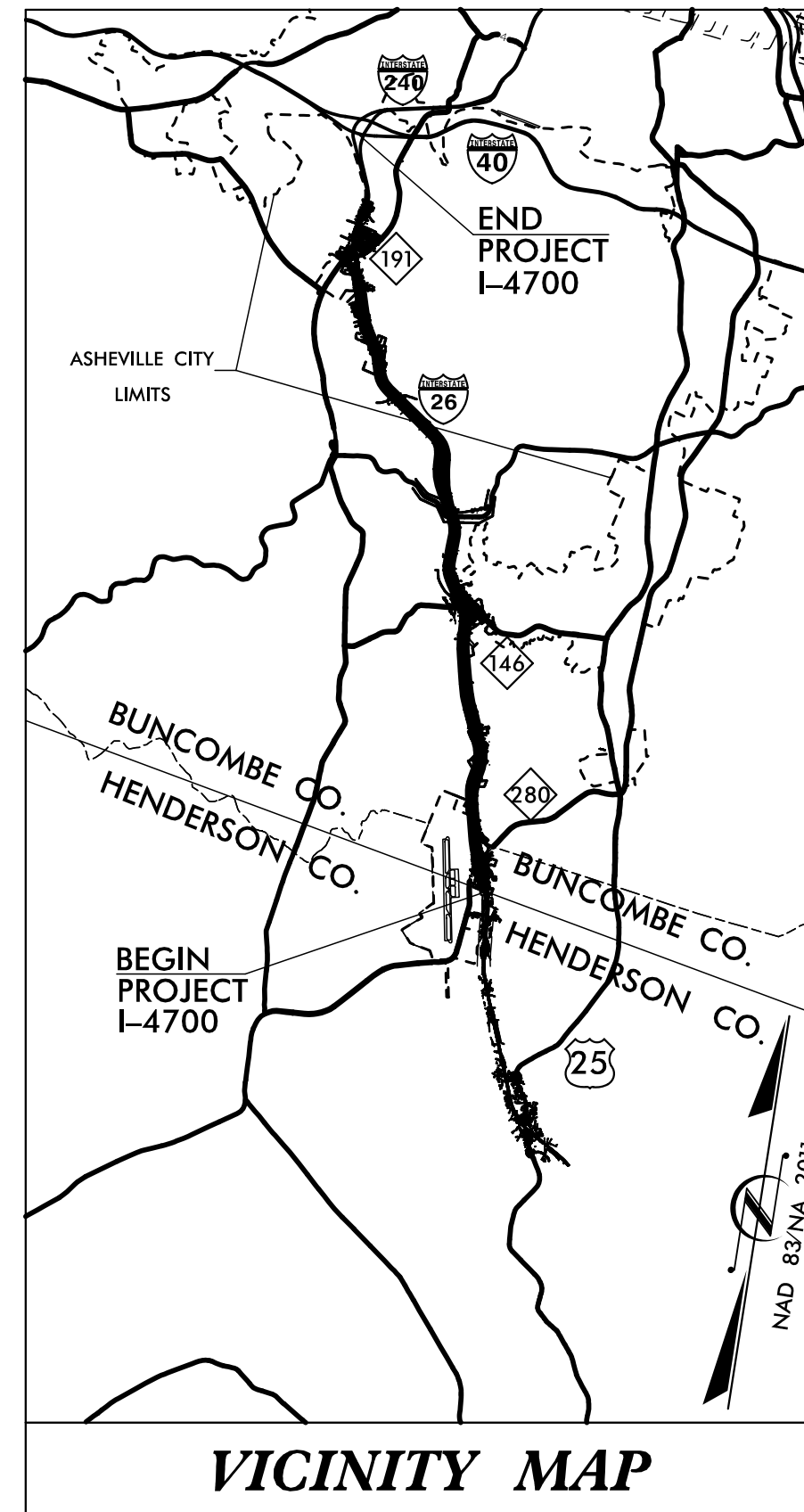
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**BUNCOMBE
COUNTY**

**LOCATION: I-26 FROM 0.3 MI EAST OF NC 280 (AIRPORT ROAD)
TO 0.5 MI EAST OF NC 191 (BREVARD ROAD)**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES, CULVERTS,
RETAINING WALLS, SOUND WALLS, SIGNALS AND SIGNING**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-4700		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
36030.1.FS4	IMNHF-026-1(86)9	I-4700A(P.E.)	
36030.1.FS3	IMNHF-026-1(86)9	I-4700B(P.E.)	
36030.1.5		I-4700A(UTIL)	
36030.1.6		I-4700B(UTIL)	
36030.2.3		I-4700A(R/W)	
36030.2.4		I-4700B(R/W)	
36030.3.4	NHPP-026-1(199)6	I-4700(CONST)	



STRUCTURES

NOTE:
1. THIS IS A CONTROLLED- ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES.

DESIGN DATA	PROJECT LENGTH
ADT 2019 = 84,662	TOTAL LENGTH OF ROADWAY TIP PROJECT
ADT 2040 = 117,900	I-4700 = 7.359 MI
K = 10	TOTAL LENGTH OF STRUCTURES OF TIP PROJECT
D = 55%	I-4700 = 0.131 MI
T = 10% *	TOTAL LENGTH OF TIP PROJECT
V = 65 MPH	I-4700 = 7.490 MI
* TTST = 4% DUAL 6%	NOTE: LENGTHS WERE CALCULATED USING THE WBL ALIGNMENT
FUNC CLASS = INTERSTATE	
STATEWIDE TIER	

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2018 STANDARD SPECIFICATIONS

LETTING DATE:
JULY 16, 2019

STRUCTURES ENGINEER

Seal: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 12916 5/20/2019 ENGINEER PAUL J. BARBER

DocuSigned by:
Paul J. Barber
180F1B57368741E... P.E.

SIGNATURE:

