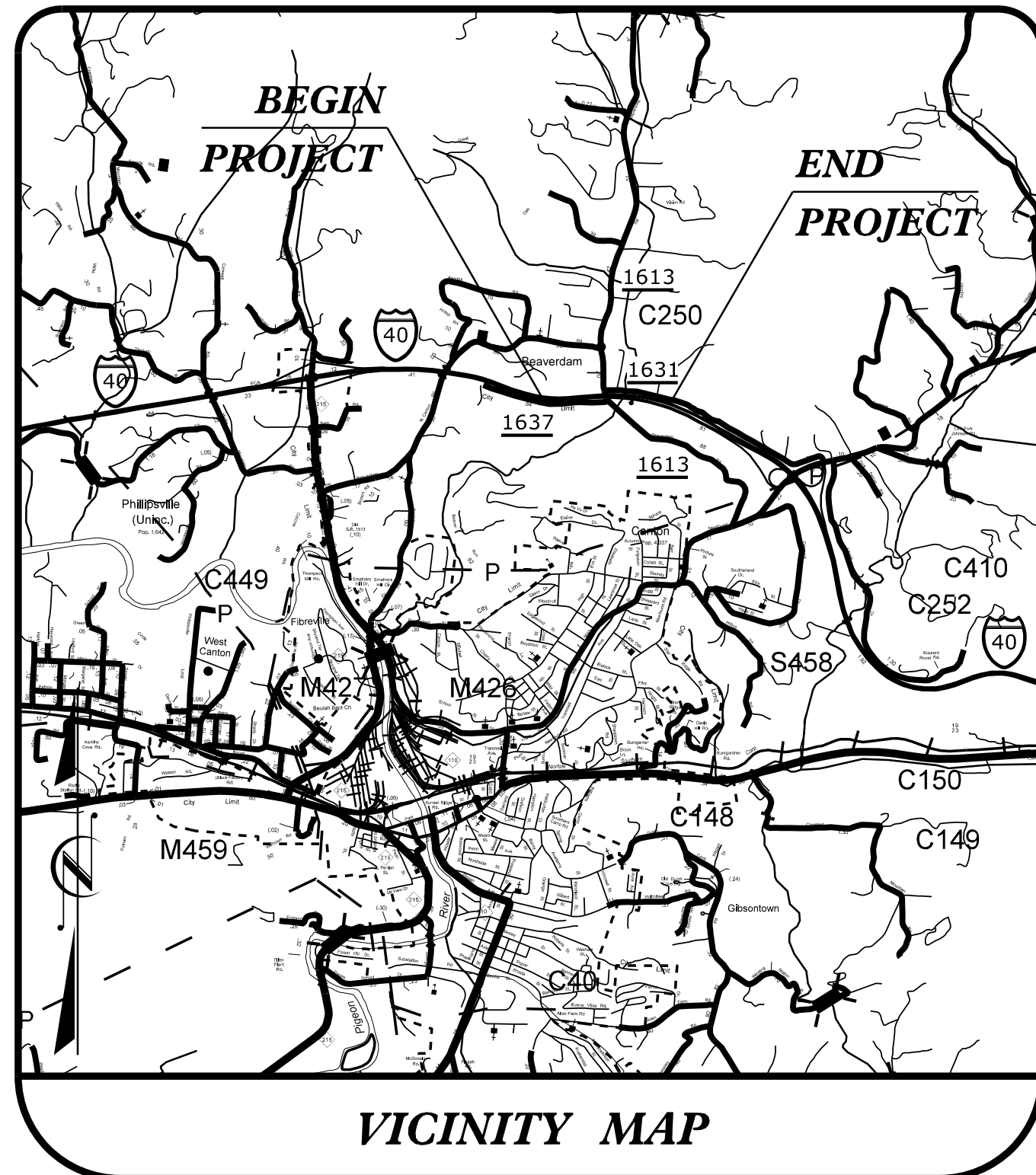


TIP PROJECT: HB-0002

CONTRACT: 204796



See Sheet 1-A For Index of Sheets

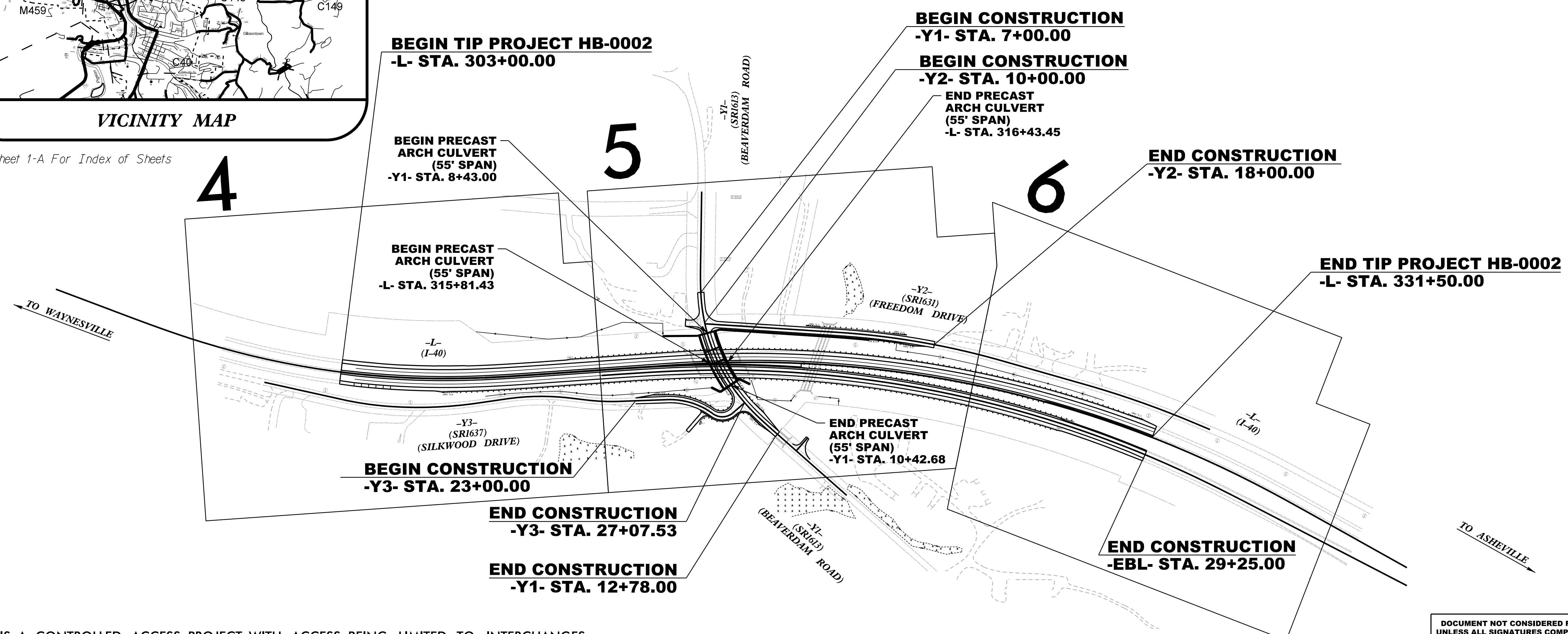
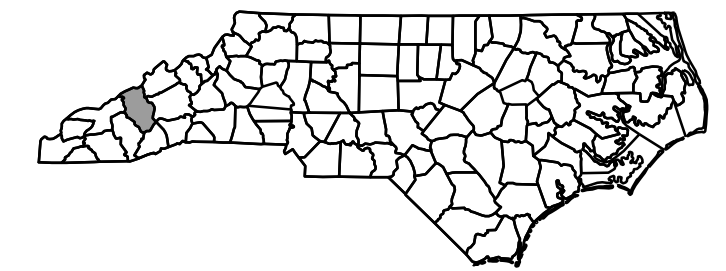
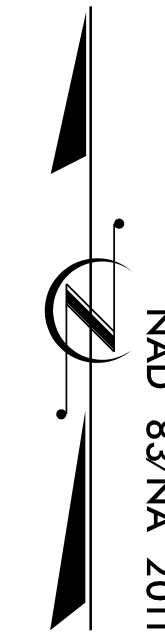
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

HAYWOOD COUNTY

LOCATION: BRIDGES 248 & 249 ON I-40 OVER SR 1613 (BEAVERDAM ROAD)

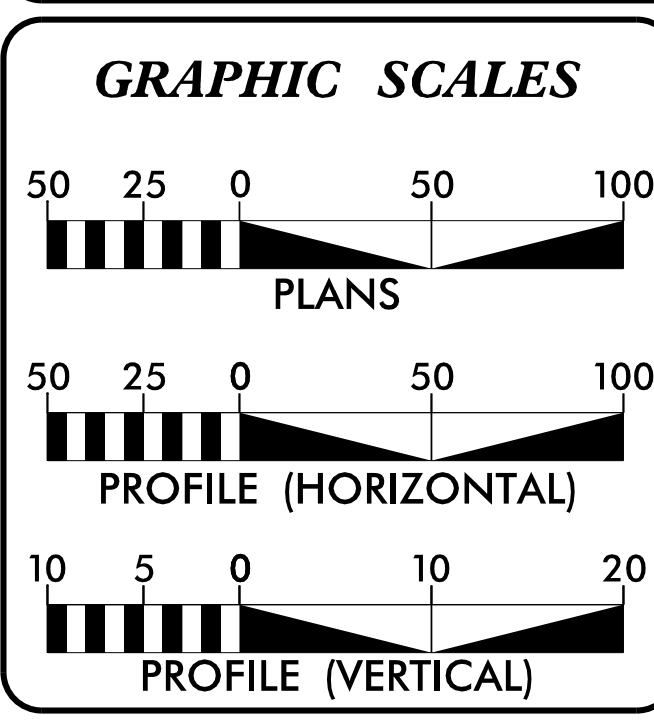
TYPE OF WORK: GRADING, DRAINAGE, PAVING, & STRUCTURE.

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HB-0002	1	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
49622.1.1		PE	
49622.2.1	0040120	RW & UTIL.	
49622.3.1	0040120	CONST.	



THIS IS A CONTROLLED ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA

ADT 2024 = 61,000
ADT 2044 = 87,400
K = 7 %
D = 55 %
T = 20 % *
V = 70 MPH
* TTST = 4% DUAL = 16%
FUNC. CLASS = INTERSTATE

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT HB-0002	= 0.53 MILES
LENGTH STRUCTURE TIP PROJECT HB-0002	= 0.01 MILES
TOTAL LENGTH TIP PROJECT HB-0002	= 0.54 MILES

Prepared in the Office of: **WETHERILL ENGINEERING**
1223 Jones Franklin Rd. Raleigh, N.C. 27606
License No. F-0377
Bus: 919.851.8077 Fax: 919.851.8107

Prepared for: **DIVISION OF HIGHWAYS DIVISION 14**
253 Webster Road
Sylva NC, 28779

RIGHT OF WAY DATE: APRIL 28, 2023

LETTING DATE: MAY 28, 2024

NCDOT CONTACT: ZACH SHULER
BRIDGE PROGRAM MANAGER

PROJECT ENGINEER: GREG PURVIS, PE

PROJECT DESIGN ENGINEER: JONATHAN HEFNER, PE

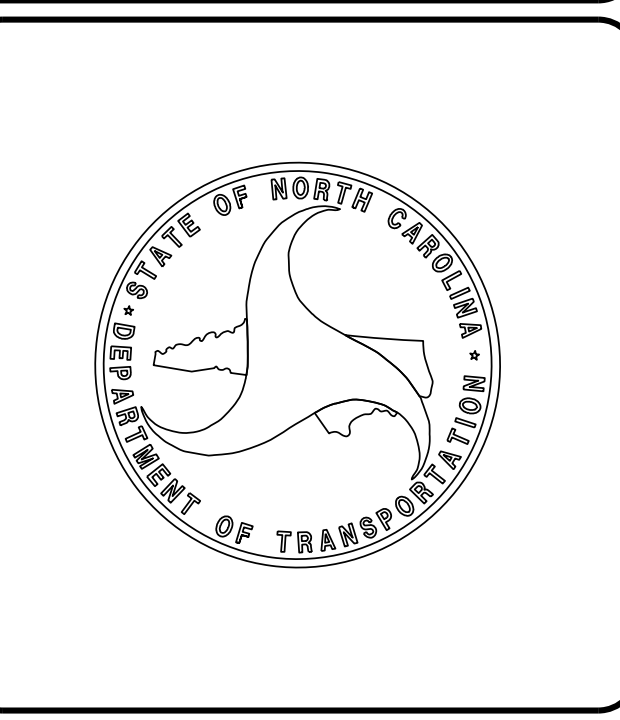
BRIDGE PROGRAM MANAGER: ZACH SHULER

HYDRAULICS ENGINEER

DocuSigned by: *Jerry L. Lindsey* 3/18/2024
SIGNATURE: _____

ROADWAY DESIGN ENGINEER

DocuSigned by: *Jonathan C. Hefner* 3/18/2024
SIGNATURE: _____



3/15/2024 11:01:00 AM C:\Projects\HB0002_rdy_psh_01_tsh.dgn USER: jhefner