

09/28/2019

TIP PROJECT: R-5020B

CONTRACT: C204423

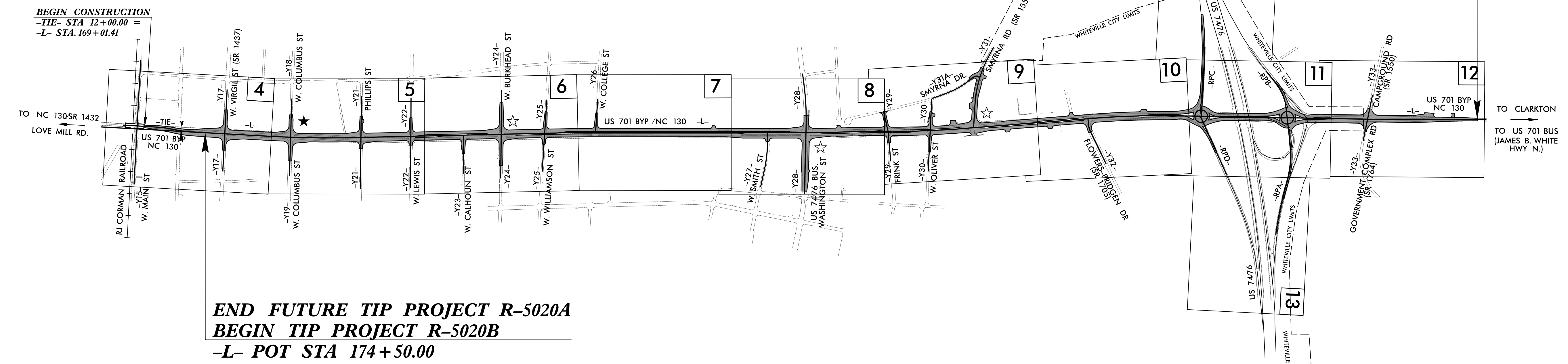
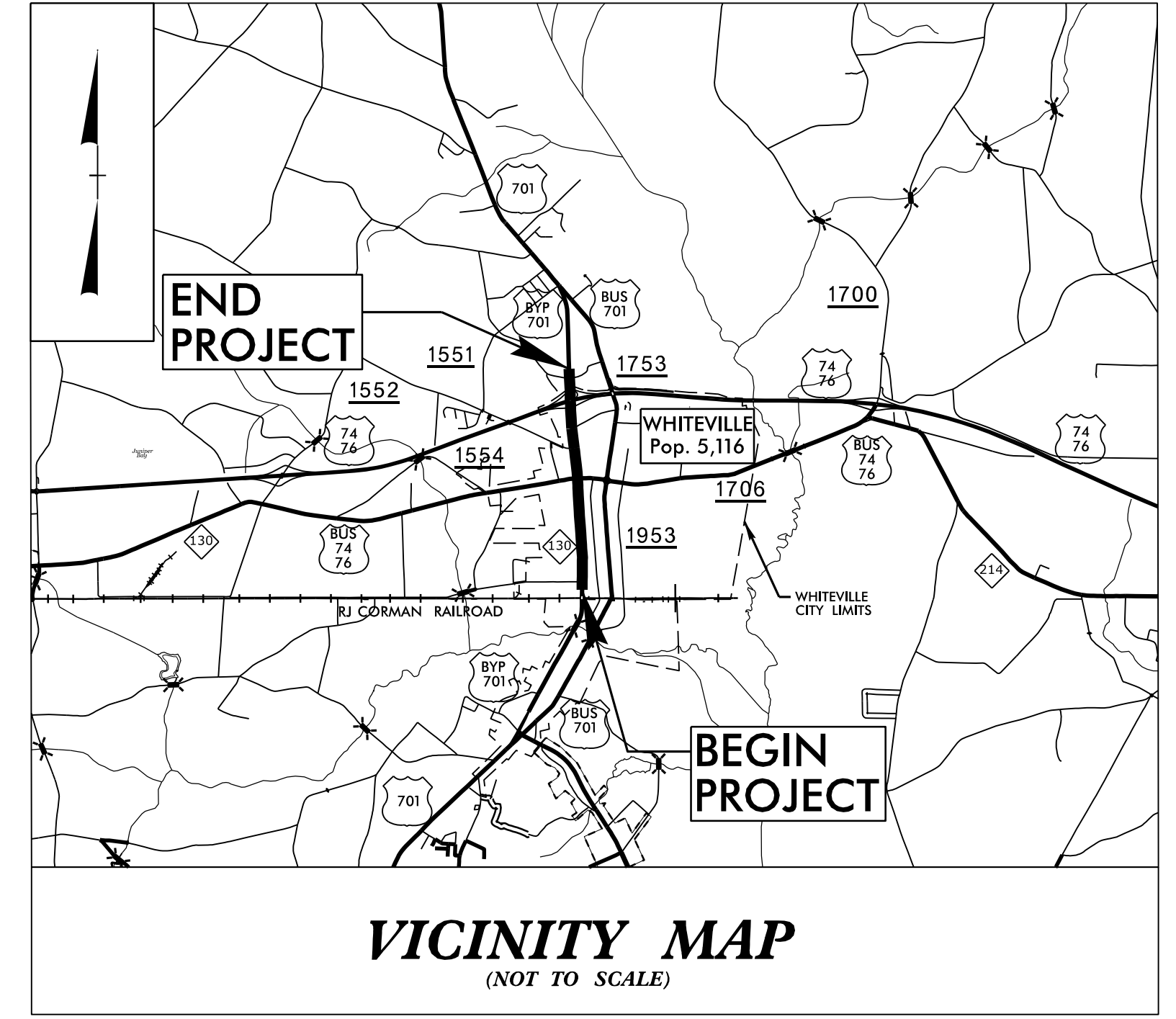
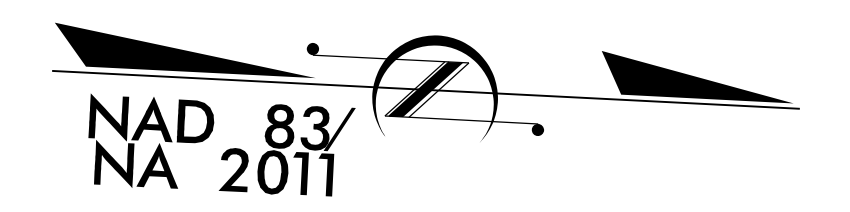
See Sheet 1A for Index of Sheets
See Sheet 1B for Conventional Symbols

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS COLUMBUS COUNTY

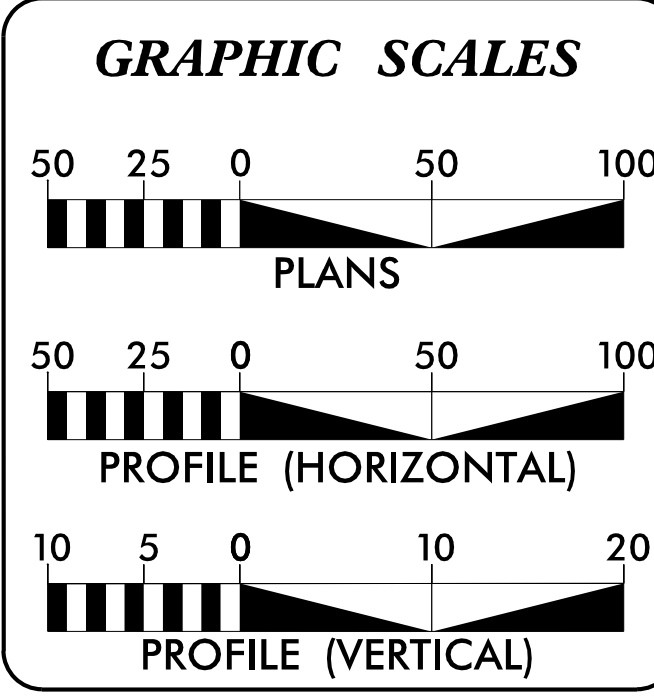
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5020B	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
41499.1.3	NHP-0701(033)	P.E.	
41499.2.3	N.A.	R/W	
41499.2.5	N.A.	UTIL.	
41499.3.3	N.A.	CONST.	

LOCATION: US 701 BYPASS (MADISON STREET - JK POWELL BOULEVARD)
FROM SR 1437 (VIRGIL AVENUE) TO US 7476

TYPE OF WORK: GRADING, DRAINAGE, PAVING, CULVERT, AND SIGNALS



NOTE:
1. THIS IS A PARTIAL CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS AS SHOWN ON THE PLANS.



DESIGN DATA

ADT 2020 = 21,417
ADT 2040 = 26,000
K = 8 %
D = 55 %
T = 6 % *
V = 50 MPH
*(TTST = 3% + DUAL 3%)
FUNC CLASS = URBAN ARTERIAL
REGIONAL TIER

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT R-5020B = 2.183 MILES
TOTAL LENGTH OF TIP PROJECT R-5020B = 2.183 MILES

Prepared in the Office of:
KCI Associates of N.C., P.A.
4505 Falls of Neuse Road, Suite 400
Raleigh, NC 27609
Phone (919) 783-9214
Fax (919) 783-9266

Plans Prepared For:
DIVISION OF HIGHWAYS
558 Gillespie St.
Fayetteville NC, 28301

2018 STANDARD SPECIFICATIONS
RIGHT OF WAY DATE:
FEBRUARY 16, 2018
LETTING DATE:
APRIL 20, 2021

NCDOT CONTACT: CRAIG A. FREEMAN, P.E.
PROJECT ENGINEER - DIVISION 6

HYDRAULICS ENGINEER

DocuSigned by:
Joshua G Dalton
1089AD8C14994C3
SIGNATURE: 1/12/2021

ROADWAY DESIGN ENGINEER

DocuSigned by:
Barry Smith
8271041D8670493
SIGNATURE: 1/12/2021

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

SUNGATE DESIGN GROUP, P.A.
905 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
TEL: (919) 896-2247 FAX: (919) 896-2258
ENG FIRM LICENSE NO. CB99

12-JAN-2021 14:36
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\$\$\$\$\$USERNAME\$\$\$\$\$