

09.08/99

05-MAY-2021 09:48
M:\2016\1221601889_NCDOT R-5020B US 701 Widening\Structures\Drawings\R-5020B_Rdy_tsh_structures.dgn
\$\$\$\$\$SERVNAME\$\$\$\$\$

TIP PROJECT: R-5020B

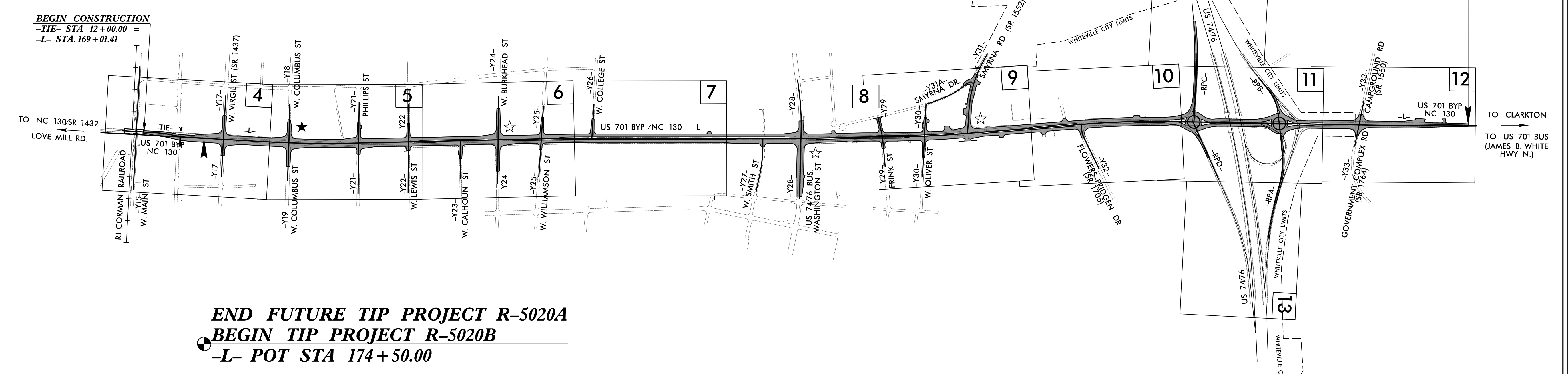
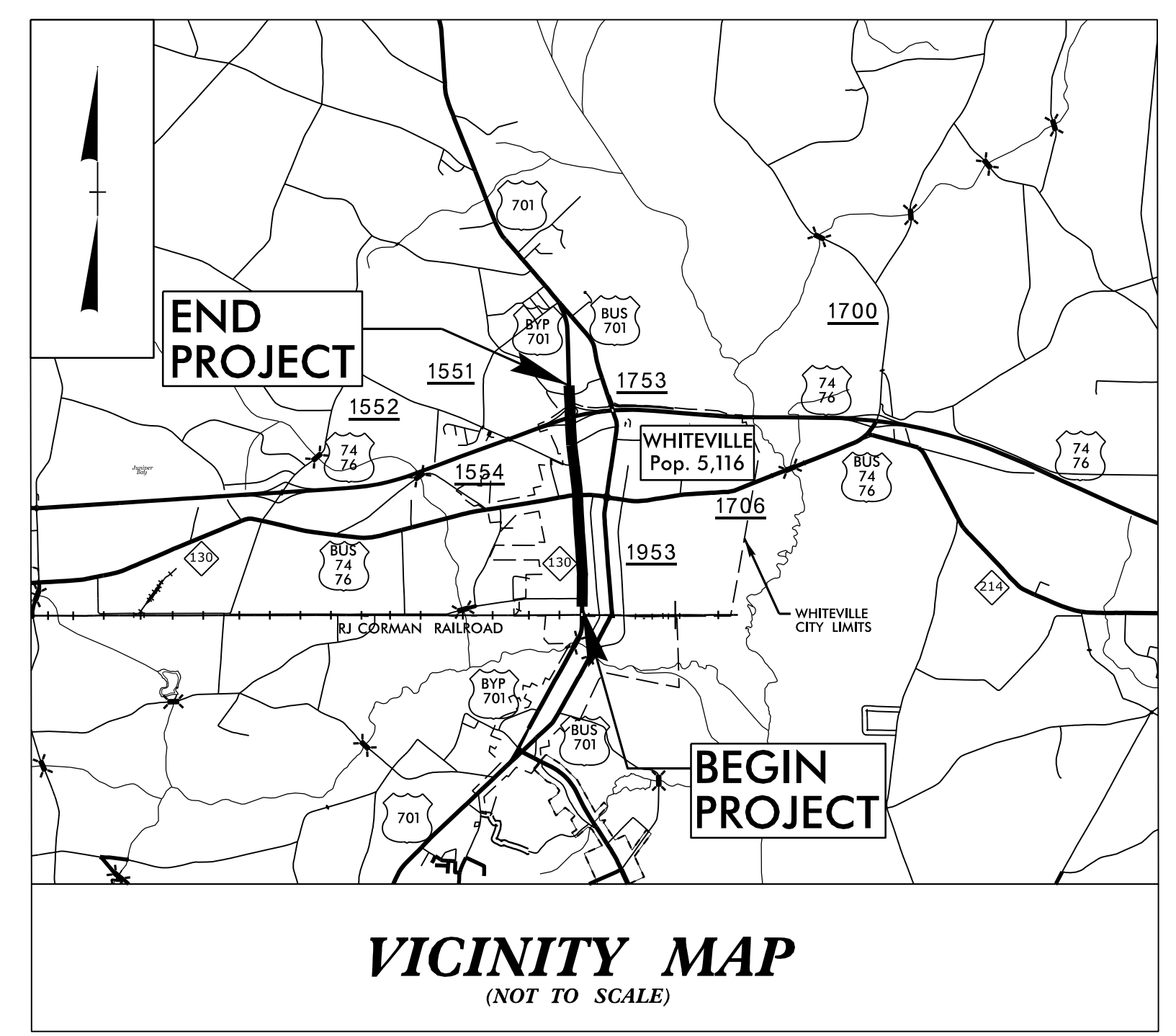
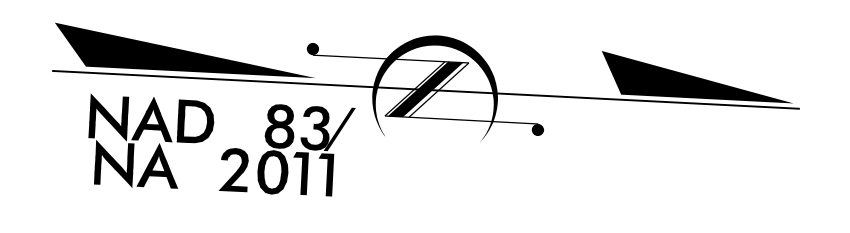
CONTRACT: C204469

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



CULVERT

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
www.kci.com

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
FEBRUARY 16, 2018

LETTING DATE:
AUGUST 17, 2021

NCDOT CONTACT: DAVID STUTTS, P.E.
STRUCTURES MANAGEMENT UNIT

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

ELIZABETH R. PHIPPS, P.E.
PROJECT ENGINEER

ROBERT C. LARSON, P.E.
PROJECT DESIGN ENGINEER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

