

05/08/19

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

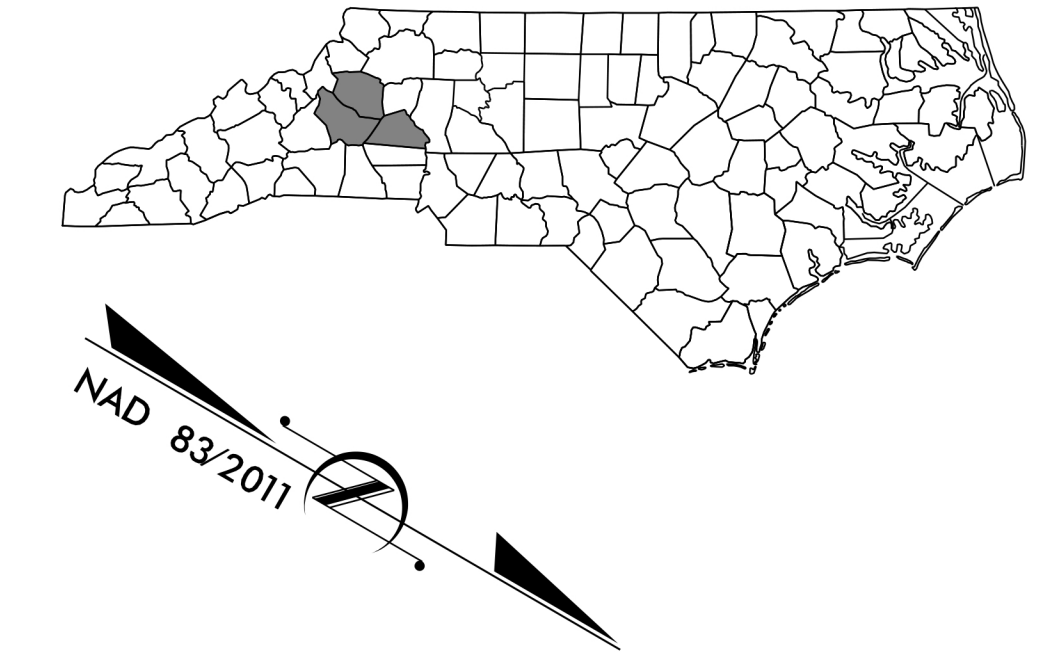
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-4700A	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
35993.1.1	NHF-321(18)	PE	

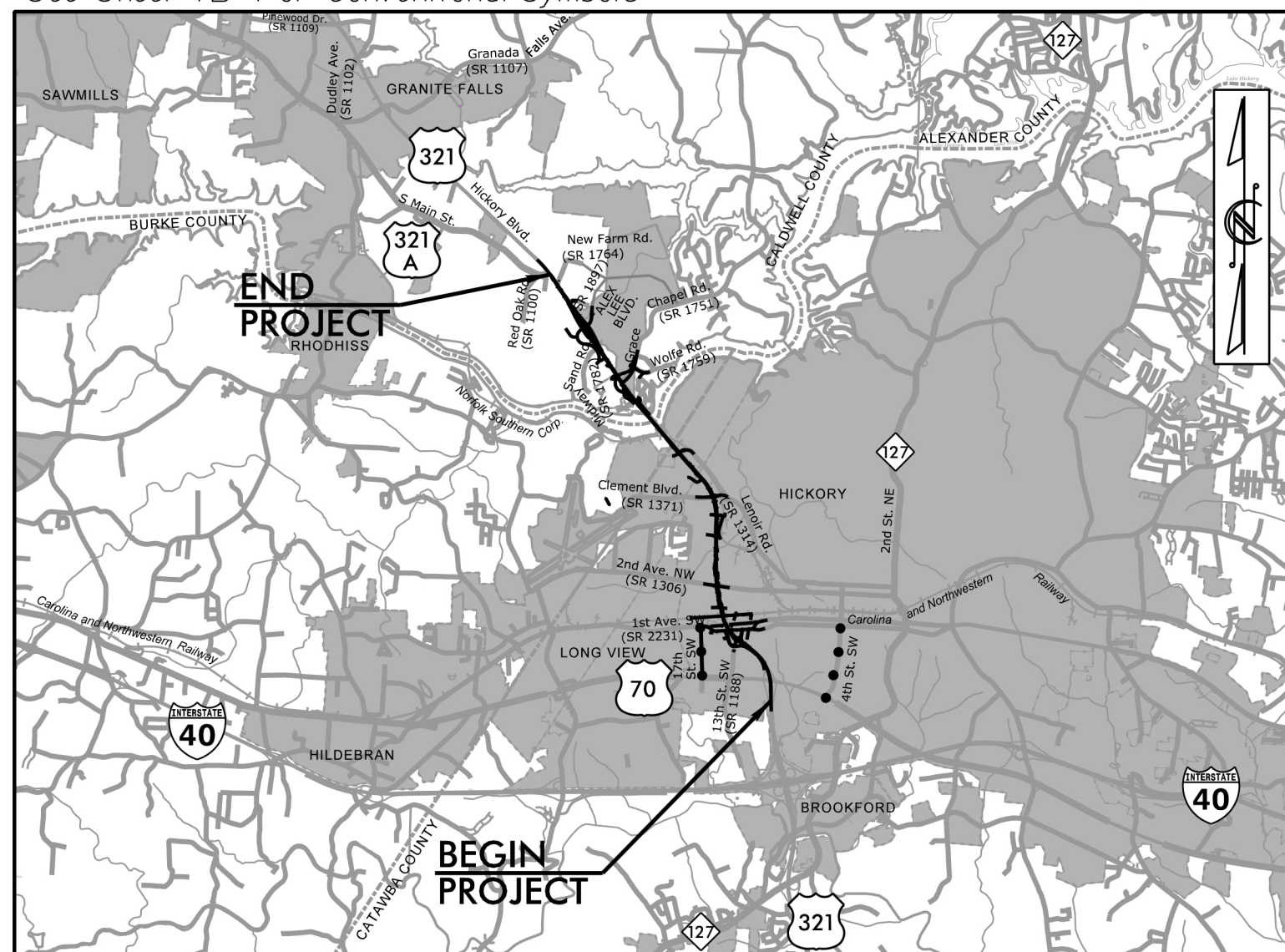
# BURKE, CALDWELL, & CATAWBA COUNTIES

**LOCATION: US 321 WIDENING IMPROVEMENTS FROM US 70 IN HICKORY TO JUST SOUTH OF US 321A /NEW FARM RD.**

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



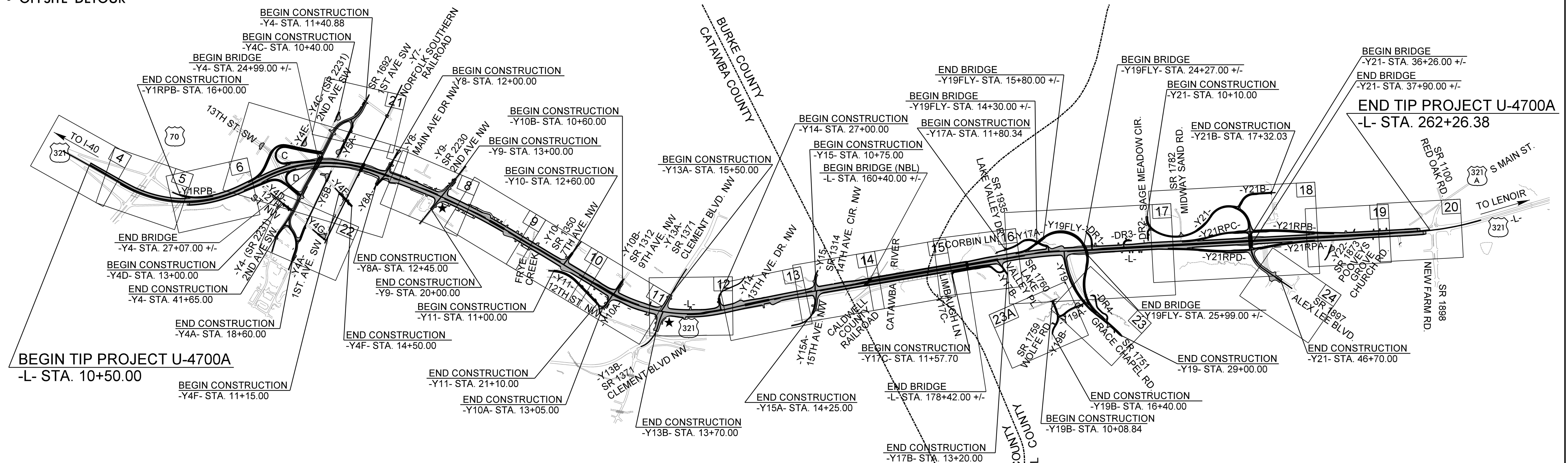
**TIP PROJECT: U-4700A**



VICINITY MAP (NTS)

**25% ROADWAY PLANS**

••• OFFSITE DETOUR



**NOTES:**

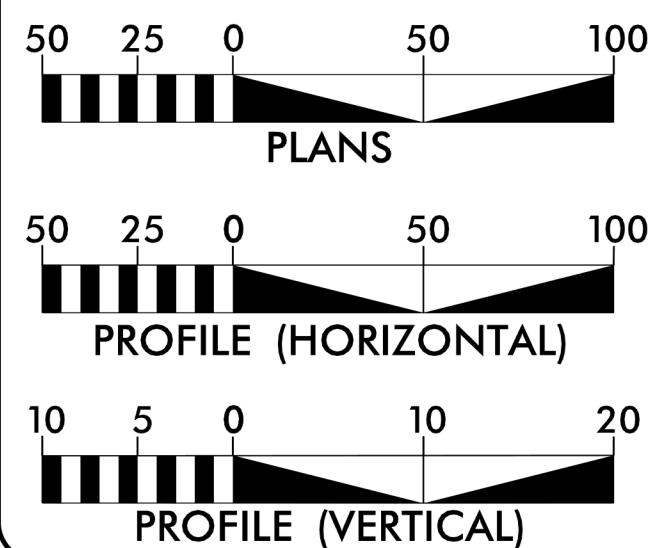
- THIS PROJECT IS PARTIALLY WITHIN THE MUNICIPAL BOUNDARIES OF THE CITY OF HICKORY.
- CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD
- THIS IS A PARTIAL CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS AS SHOWN ON THE PLANS. ★ TRAFFIC SIGNAL

**4B ROADWAY PLANS**  
DATE: 05/28/2019

**INCOMPLETE PLANS**  
DO NOT USE FOR R/W ACQUISITION  
DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**CONTRACT:**

**GRAPHIC SCALES**



**DESIGN DATA**

ADT 2021 = 50,135  
 ADT 2041 = 57,490  
 V = 60 MPH  
 DHV = 9%  
 D = 60%  
 T = 8% \*  
 (\* TTST = 4% /\* DUAL = 4%)

FUNC CLASS = ARTERIAL  
 STATEWIDE TIER  
 DESIGN EXCEPTIONS AS  
 NOTED ON PLANS

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT U-4700A..... 4.427 miles  
 LENGTH STRUCTURE TIP PROJECT U-4700A..... 0.341 miles (NBL)  
 TOTAL LENGTH OF PROJECT U-4700A..... 4.768 miles

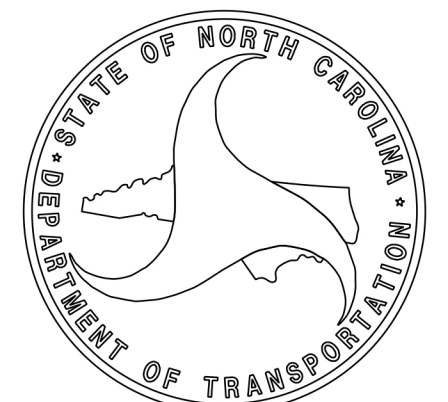
PLANS PREPARED BY:

**RK&K**  
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 Engineers | Construction Managers | Planners | Scientists  
 www.rkk.com  
 Responsive People | Creative Solutions

FOR NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY DATE:** June 19, 2019  
**LETTING DATE:** August 18, 2021  
**Brandon McInnis, P.E.**  
 PROJECT ENGINEER  
**Matthew Lamy, P.E.**  
 PROJECT DESIGN ENGINEER

**HYDRAULICS ENGINEER**

SIGNATURE: \_\_\_\_\_ P.E.  
**ROADWAY DESIGN ENGINEER**  
 SIGNATURE: \_\_\_\_\_ P.E.



2018 STANDARD SPECIFICATIONS  
 NCDOT DIVISION 12  
 CONTACT: Bryan Sowell, P.E.

5/28/2019 R:\Roadway\Proj\4700a\_rdy\_tsh.dgn mlamy