

09/08/2019

TIP PROJECT: Y-4810K

CONTRACT: C204345

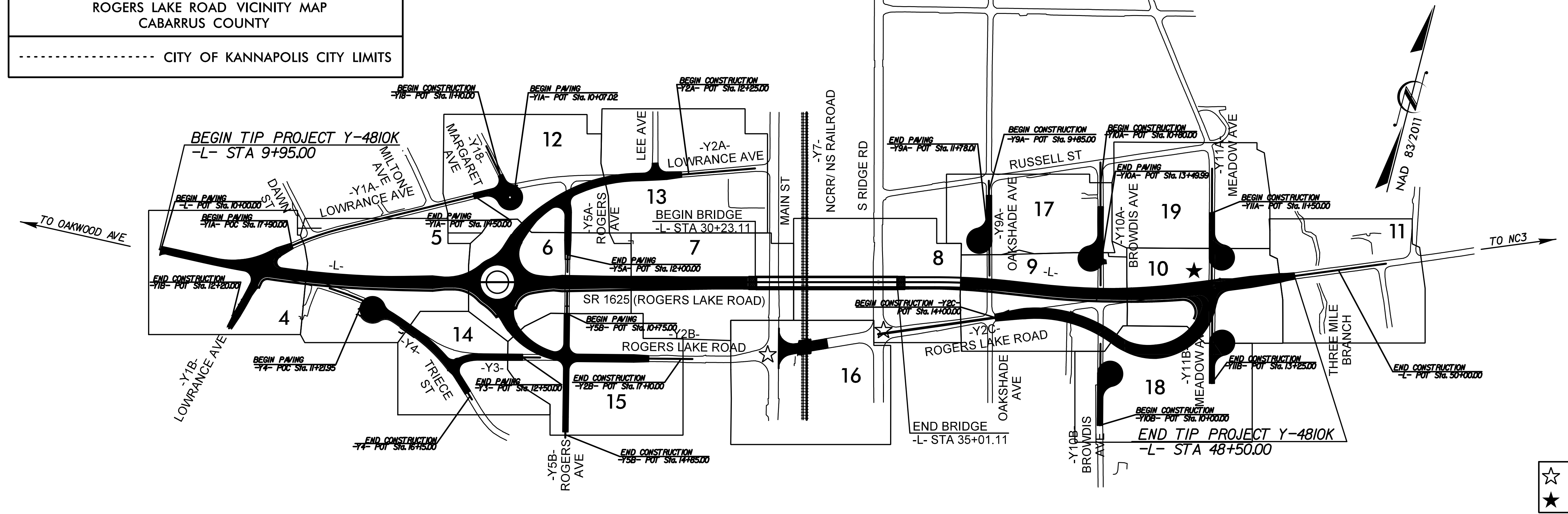
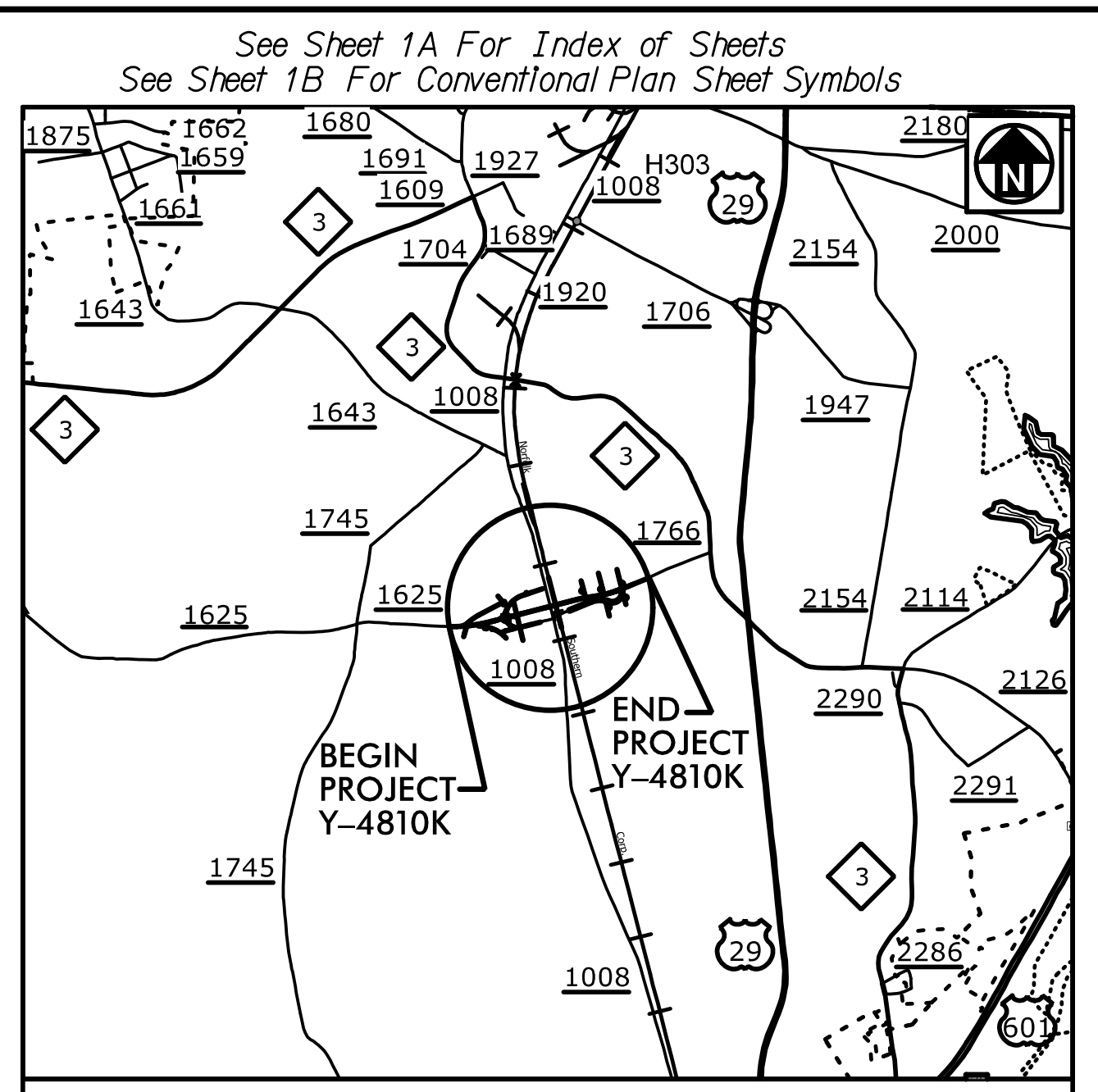
# STATE OF NORTH CAROLINA RAIL DIVISION CABARRUS COUNTY

LOCATION: GRADE SEPARATION AT SR 1625 (ROGERS LAKE ROAD)  
OVER NS/NCRR RAILROAD AND CLOSURE OF AT-GRADE  
CROSSING (#724408Y) IN KANNAPOLIS AT MILEPOST 350.73

TYPE OF WORK: GRADING, PAVING, DRAINAGE, SIGNAL,  
RETAINING WALL, AND STRUCTURE

## STRUCTURE PLANS

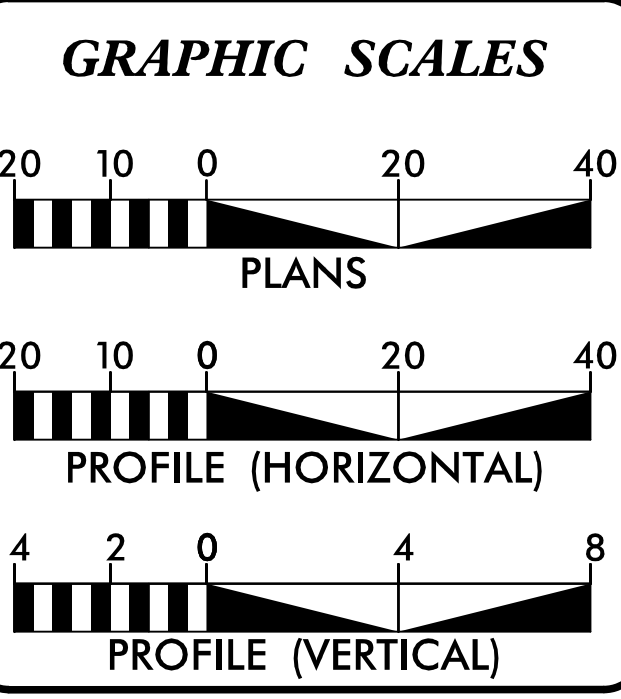
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	Y-4810K	1	53
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
40325.1.46	TCSP-1034(18)	P.E.	
40325.2.46	TCSP-1034(18)	RW	



☆ EXISTING SIGNAL TO BE REMOVED  
★ PROPOSED SIGNAL

\*DESIGN EXCEPTION:  
LANE TAPER RATE

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



**DESIGN DATA**

ADT 2020 =	8,600
ADT 2040 =	11,200
K =	10 %
D =	55 %
T =	5 % *
V =	50 MPH
* TTST = 1% DUAL 4%	
FUNC CLASS =	URBAN MAJOR COLLECTOR SUBREGIONAL TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT Y-4810K =	0.639 MILES
LENGTH STRUCTURE TIP PROJECT Y-4810K =	0.091 MILES
TOTAL LENGTH OF TIP PROJECT Y-4810K =	0.730 MILES

PLANS PREPARED FOR THE NCDOT BY:

**WVGI** M M  
2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:  
JUNE 14, 2018

LETTING DATE:  
NOVEMBER 15, 2022

MICHAEL PEKAREK, PE  
PROJECT ENGINEER  
PEF ENGINEER

JORDAN WOODARD, PE  
PROJECT DESIGN ENGINEER  
PEF ENGINEER

KUMAR TRIVEDI, PE  
NCDOT CONTACT  
NCDOT RAIL DIVISION

ENGINEER

9/8/2022 | 7:33 AM PDT

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UNLESS ALL SIGNATURES COMPLETED

NC DEPARTMENT OF  
TRANSPORTATION  
RAIL DIVISION

1556 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1556  
(919) 707-4110  
(919) 707-4154 (FAX)

\$\$\$\$\$ SYSTEM TIME\$\$\$\$\$  
\$\$\$\$\$ DGN\$\$\$\$\$  
\$\$\$\$\$ USERNAME\$\$\$\$\$