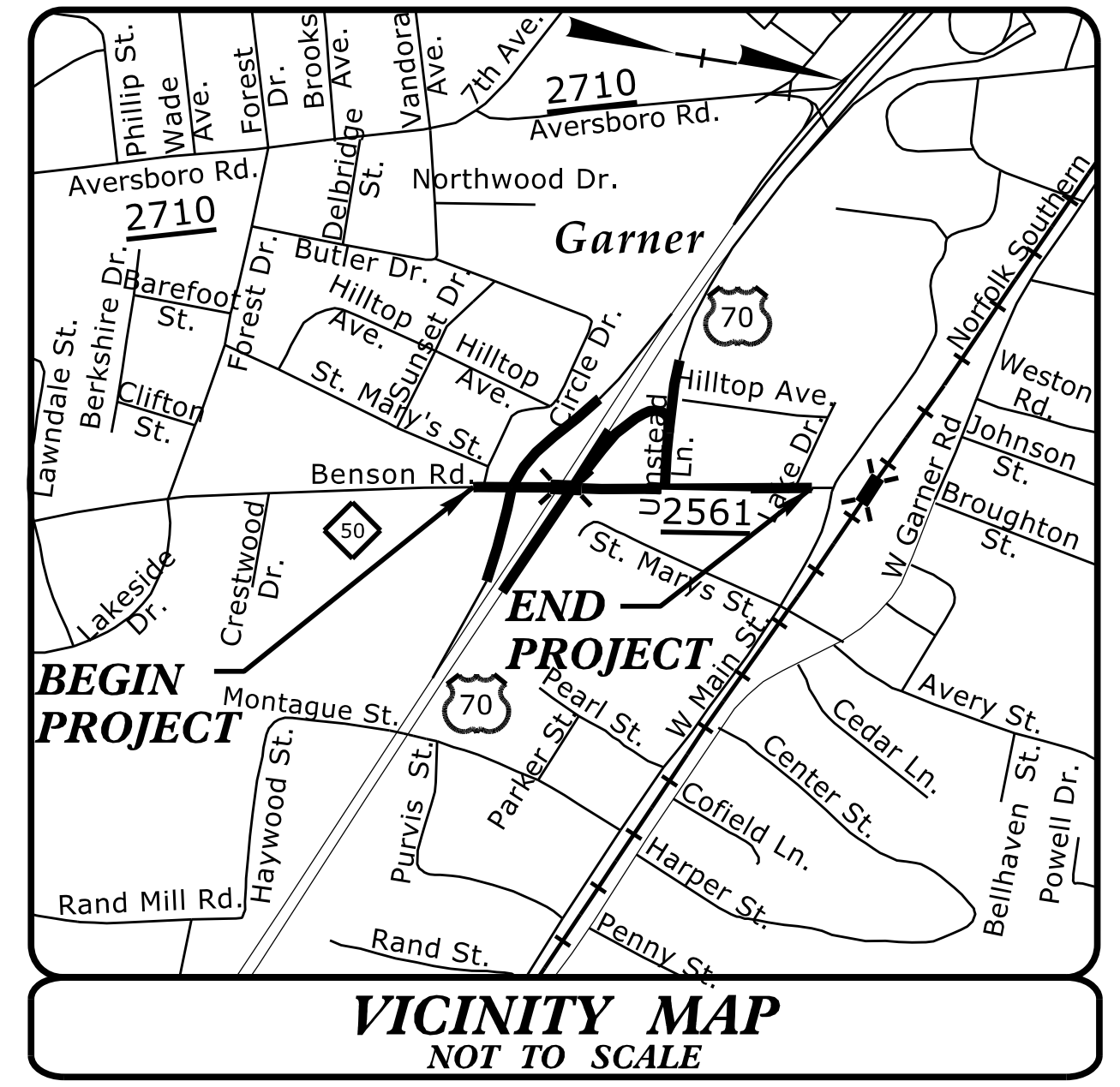


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TIP PROJECT: B-4654

CONTRACT: C204410



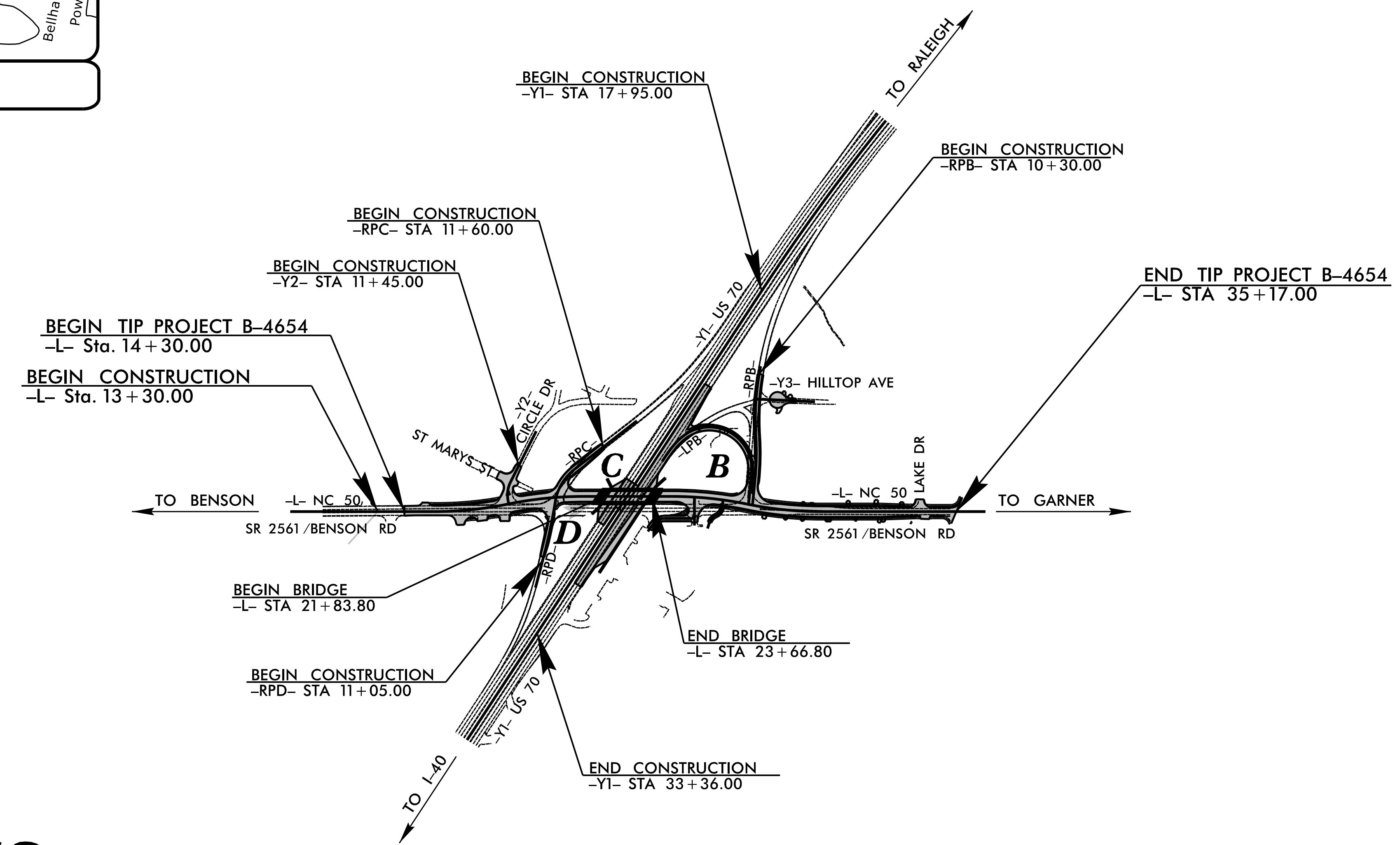
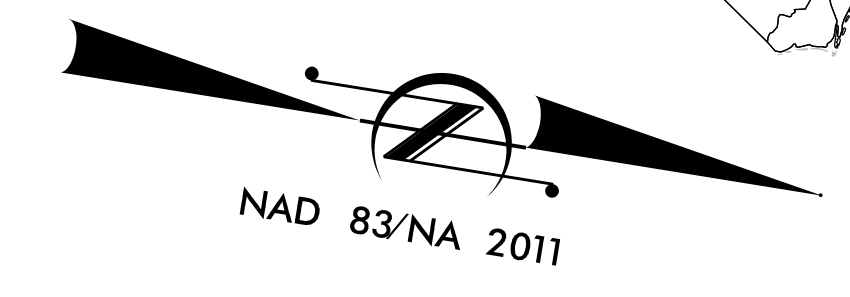
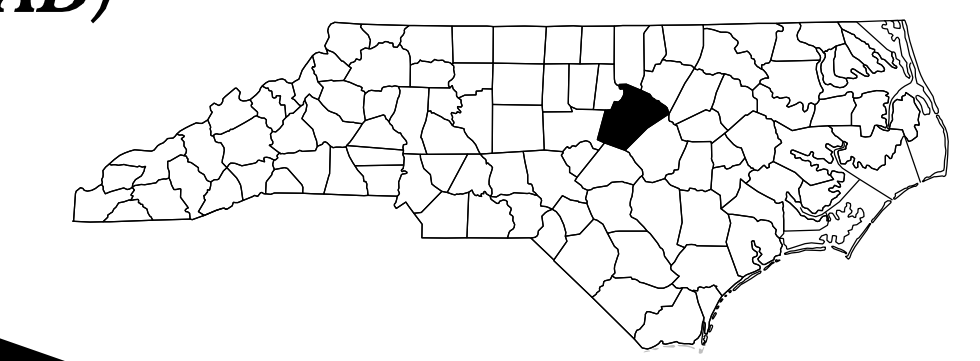
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

WAKE COUNTY

LOCATION: REPLACE BRIDGE 91069 OVER US 70 ON NC 50 (BENSON ROAD)

TYPE OF WORK: GRADING, PAVING, DRAINAGE, RETAINING WALLS & STRUCTURES

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4654		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
38454.1.2		PE	
38454.2.1		RW & UTILITIES	
38454.3.1	0070245	CONSTRUCTION	



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

DESIGN DATA

ADT 2020 =	13,420
ADT 2040 =	14,700
K =	10%
D =	55%
T =	6 % *
V =	40 MPH
* TTST =	1% DUAL 5%
FUNC CLASS =	MINOR ARTERIAL
REGIONAL TIER	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-4654 =	0.361 MILES
LENGTH BRIDGE TIP PROJECT B-4654 =	0.035 MILES
TOTAL LENGTH OF TIP PROJECT B-4654 =	0.396 MILES

Prepared in the Office of:
AECOM
NC FIRM LICENSE No: F-0342
5438 Wade Park Blvd., Suite 200
Raleigh, NC 27607
(919) 854-6200 - (919) 854-6259(FAX)

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
NOVEMBER 2, 2018

LETTING DATE:
APRIL 16, 2024

JOHN C. MORRISON, PE PROJECT ENGINEER
EDWARD G. EDENS JR., PE PROJECT DESIGN ENGINEER
DAVID S. STUTTS, PE NCDOT CONTACT

STRUCTURE DESIGN ENGINEER

1/11/2024

JOHN C. MORRISON P.E.
SIGNATURE:

