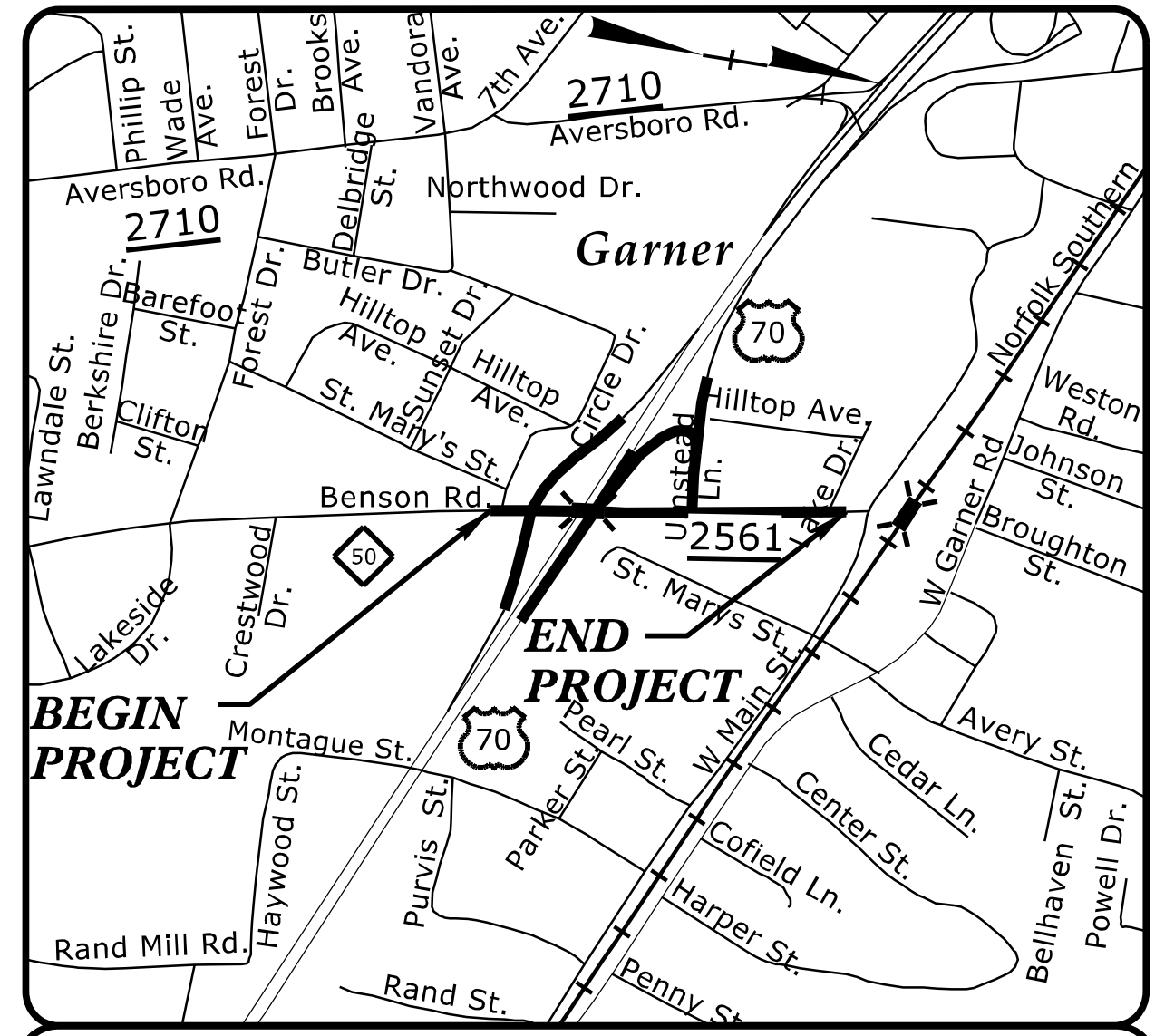


09_08/2019

I:\11\2024 L:\Legacy\Projects\60436195-B-4654\900_Work\910_CAD\70_NCDOT_TIP\Roadway\Proj\B4654_rdy_tsh.dgn mohammed.talaha

TIP PROJECT: B-4654

CONTRACT: C204410



VICINITY MAP
NOT TO SCALE

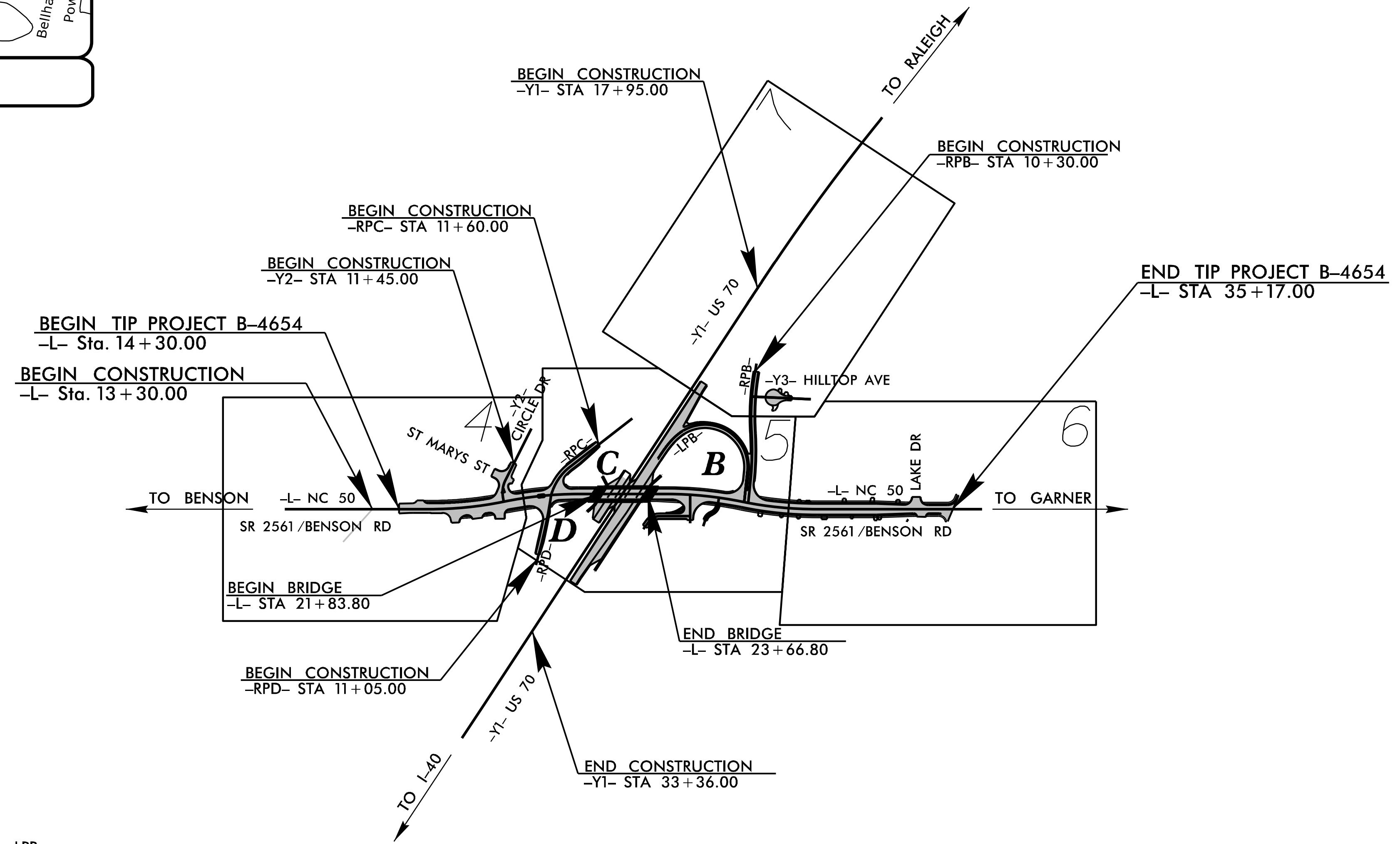
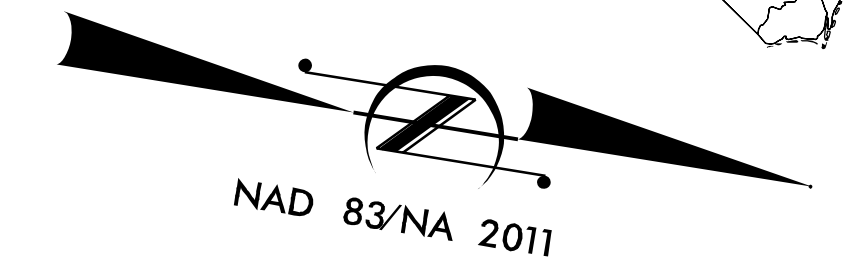
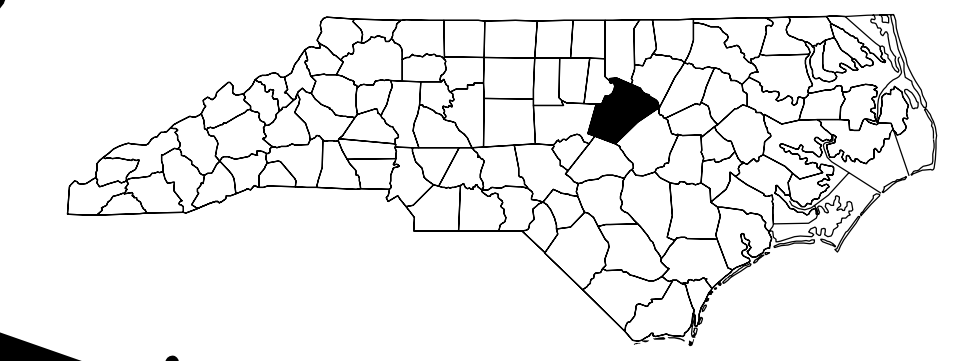
See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Symbols

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
WAKE COUNTY

LOCATION: REPLACE BRIDGE 910069 OVER US 70 ON NC 50 (BENSON ROAD)

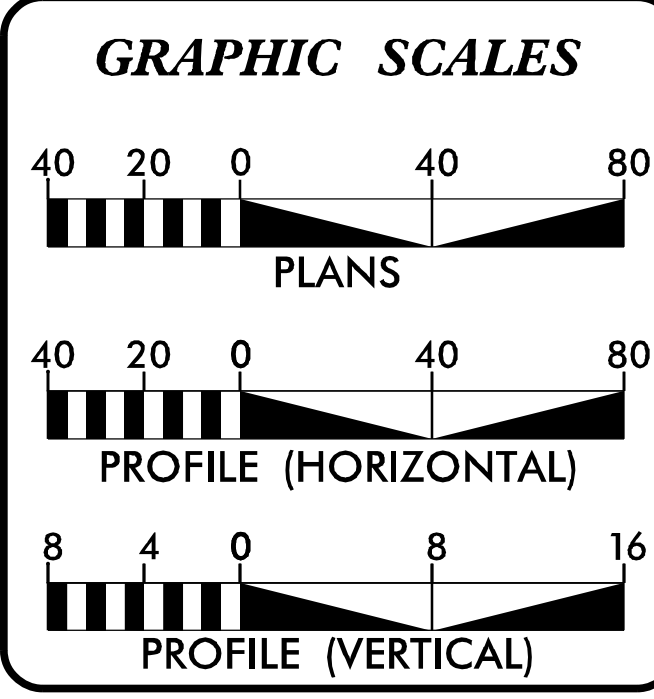
TYPE OF WORK: GRADING, PAVING, DRAINAGE, RETAINING WALLS & STRUCTURES

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4654	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
38454.1.2		PE	
38454.2.1		RW & UTILITIES	
38454.3.1	0070245	CONSTRUCTION	



*DESIGN EXCEPTION REQUIRED FOR MIN. K VALUE ON -LPB-
US 70 IS A CONTROLLED ACCESS FACILITY WITHIN THE PROJECT LIMITS

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 5438 Wade Park Boulevard, Suite 200
Raleigh, NC 27607
(919) 854-6200 - (919) 854-6259(FAX)

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
NOVEMBER 2, 2018

LETTING DATE:
APRIL 16, 2024

EDWARD G. EDENS, JR., PE
PROJECT ENGINEER

JOHN C. MORRISON, PE
PROJECT DESIGN ENGINEER

DAVID S. STUTTS, PE
NCDOT CONTACT

HYDRAULICS ENGINEER

1/11/2024

DocuSigned by:
Edward G. Edens, Jr.
SIGNATURE: EDWARD G. EDENS, JR. P.E.

ROADWAY DESIGN ENGINEER

1/11/2024

DocuSigned by:
Edward Glenn Edens, Jr.
SIGNATURE: EDWARD GLENN EDENS, JR. P.E.

