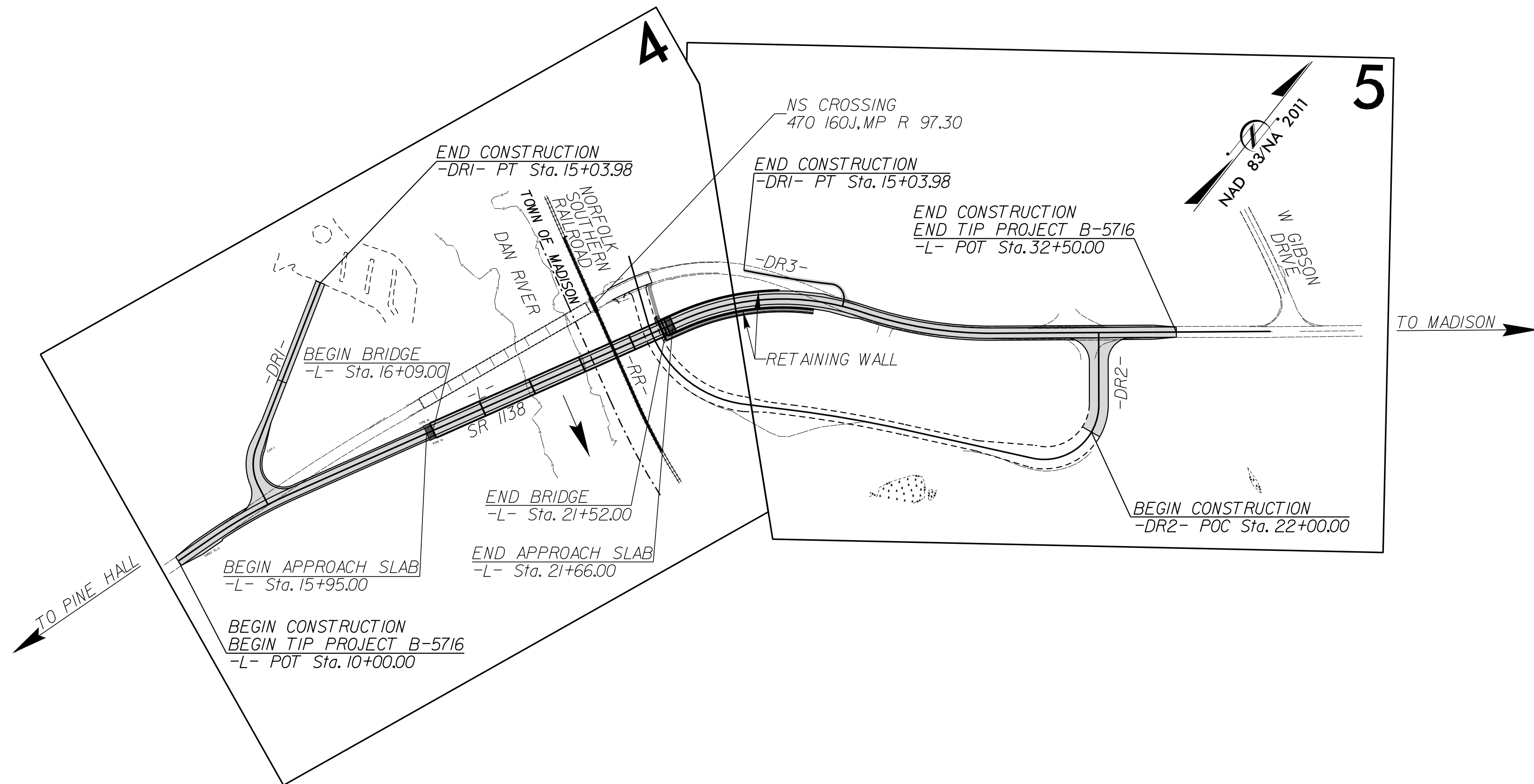


CONTRACT: C204829

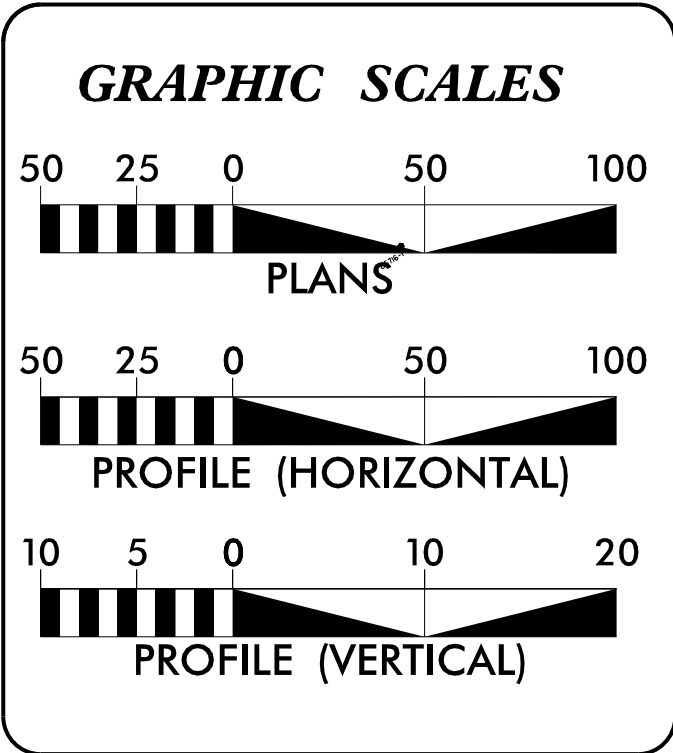


ROCKINGHAM COUNTY

TYPE OF WORK: DRAINAGE, GRADING, PAVING AND STRUCTURES

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5716	1	
STATE PROJECT NO.	F.A. PROJ. NO.	DESCRIPTION	
45672.1.1	BRZ-1138(021)	PE	
45672.2.1	BRZ-1138(021)	RW/UTL	
45672.3.1	BRZ-1138(021)	CONST.	

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



DESIGN DATA

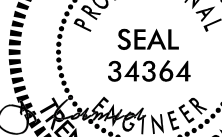
ADT 2025 = 1120
ADT 2040 = 1700
D=50%
T = 6%*
V = 40 MPH

*TTST = 3% DUAL = 3%

MINOR COLLECTOR
SUB REGIONAL TIER

<i>PROJECT LENGTH</i>			
LENGTH ROADWAY TIP PROJECT	=	0.323	MILES
LENGTH STRUCTURE TIP PROJECT	=	0.103	MILES
TOTAL LENGTH TIP PROJECT	=	0.426	MILES

Prepared In the Office of Mott MacDonald for	
<i>DIVISION 7</i>	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
2024 STANDARD SPECIFICATIONS	
<i>RIGHT OF WAY DATE:</i> <i>OCTOBER 18, 2022</i>	<i>TIM JORDAN, PE</i> <i>PROJECT ENGINEER</i>
<i>LETTING DATE:</i> <i>AUGUST 19, 2025</i>	<i>TRENTON J. CORMIER, PE</i> <i>HYDRAULICS ENGINEER</i>
<i>NCDOT CONTACT:</i>	<i>DANIEL DAGENHART</i> <i>DIVISION BRIDGE PROGRAM MANAGER</i>

ROADWAY DESIGN ENGINEER	
	
Signed by: James T. Jordan CIVIL ENGINEER 09-Jun-2025	P.E.
SIGNATURE:	
HYDRAULICS ENGINEER	
	
Signed by: Jonathan L. Cornher CIVIL ENGINEER 09-Jun-2025	P.E.
SIGNATURE:	

PLANS PREPARED BY:

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M Raleigh, NC 27606
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