

TIP PROJECT: P-5748B

See Sheet 1A For Index of Sheets

STATE OF NORTH CAROLINA
RAIL DIVISION

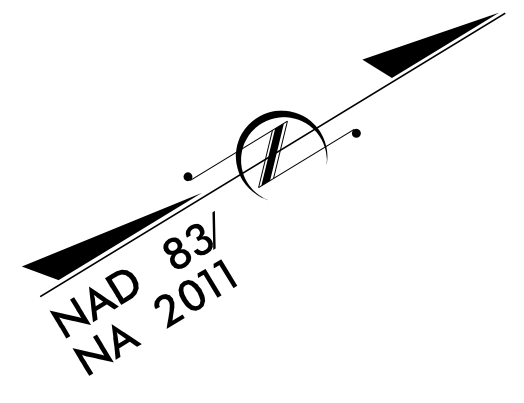
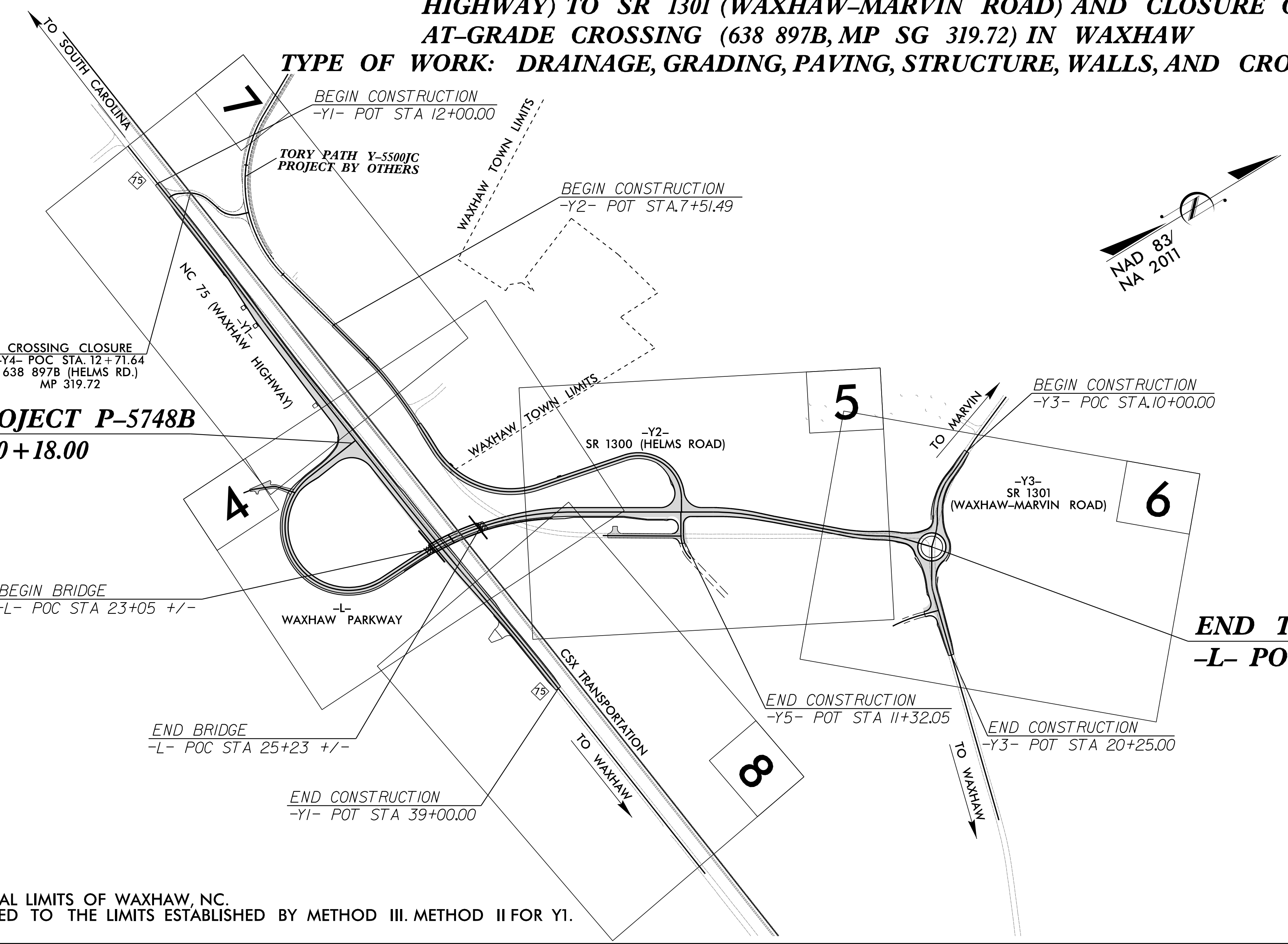
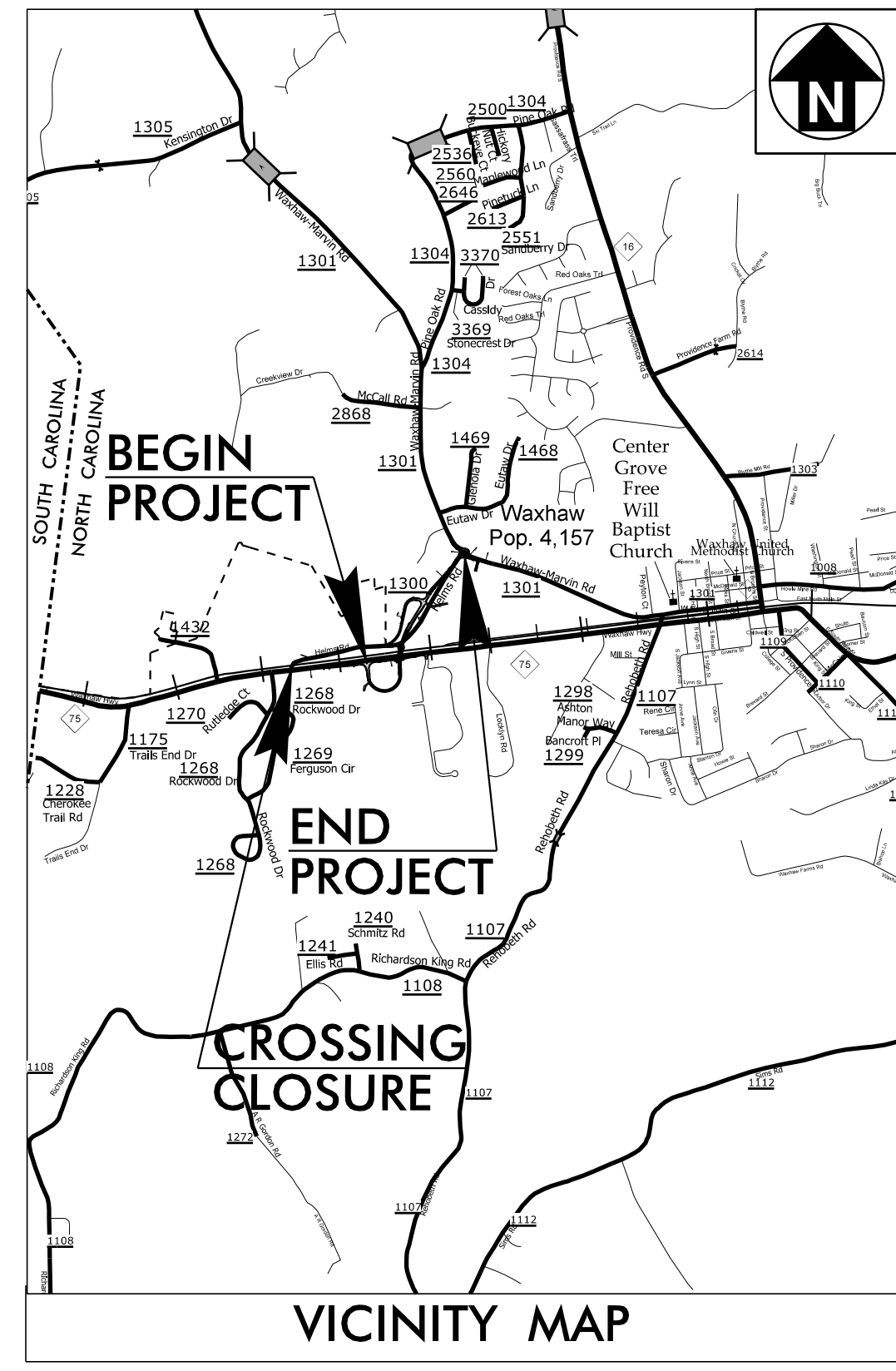
UNION COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	P-5748B	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
48336.1.1		PE	
48336.2.3		RW	
48336.2.5		UTIL.	
48336.3.3		CONST.	

LOCATION: SR 1300 (HELMS ROAD) RELOCATION AND WAXHAW PARKWAY GRADE SEPARATION OVER CSXT/NC 75 FROM NC 75 (WAXHAW HIGHWAY) TO SR 1301 (WAXHAW-MARVIN ROAD) AND CLOSURE OF AT-GRADE CROSSING (638 897B, MP SG 319.72) IN WAXHAW

TYPE OF WORK: DRAINAGE, GRADING, PAVING, STRUCTURE, WALLS, AND CROSSING CLOSURE

ROW PLANS



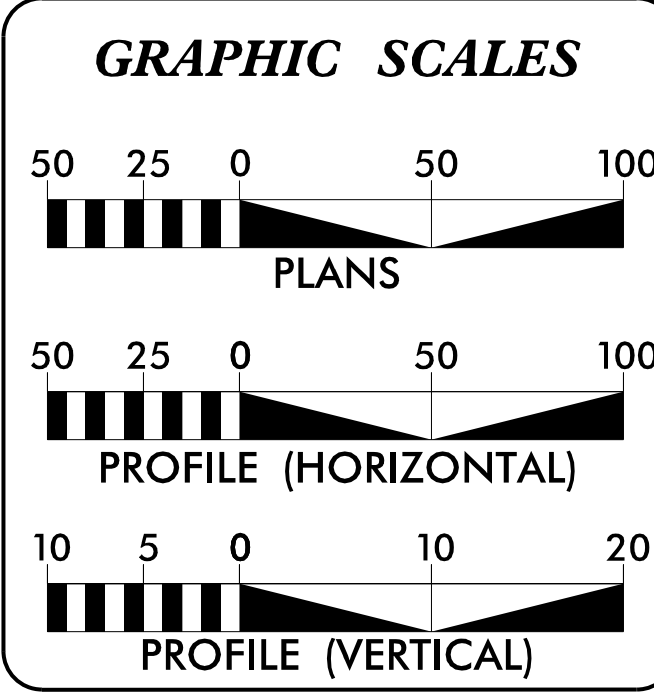
BEGIN TIP PROJECT P-5748B
-L- POT STA 10+18.00

END TIP PROJECT P-5748B
-L- POT STA 43+59.90

THIS PROJECT IS PARTIALLY WITHIN THE MUNICIPAL LIMITS OF WAXHAW, NC. CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III. METHOD II FOR Y1.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

CONTRACT:



DESIGN DATA

ADT 2024 =	2000
ADT 2044 =	7900
K =	9 %
D =	55 %
T =	4 % *
V =	50 MPH
* (TTST 1% + DUAL 3%)	
FUNC CLASS =	LOCAL
REGIONAL TIER	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT P-5748B =	0.592 MILES
LENGTH STRUCTURE TIP PROJECT P-5748B =	0.041 MILES
TOTAL LENGTH OF TIP PROJECT P-5748B =	0.633 MILES

PLANS PREPARED FOR THE NCDOT BY:

M M
MOTT
MACDONALD
LICENSE NO. F-0669

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
OCTOBER 14, 2022

LETTING DATE:
JULY 17, 2024

W. HERBERT TURNER JR., PE
PROJECT ENGINEER
PEF ENGINEER

BRIAN GACKSTETTER, EI
SENIOR PROJECT ENGINEER
NCDOT RAIL DIVISION

HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.

ROADWAY DESIGN ENGINEER

SIGNATURE: _____ P.E.

NC DEPARTMENT OF TRANSPORTATION
RAIL DIVISION

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

9:34:04 AM
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