

TIP PROJECT: R-5021

CONTRACT: C204123

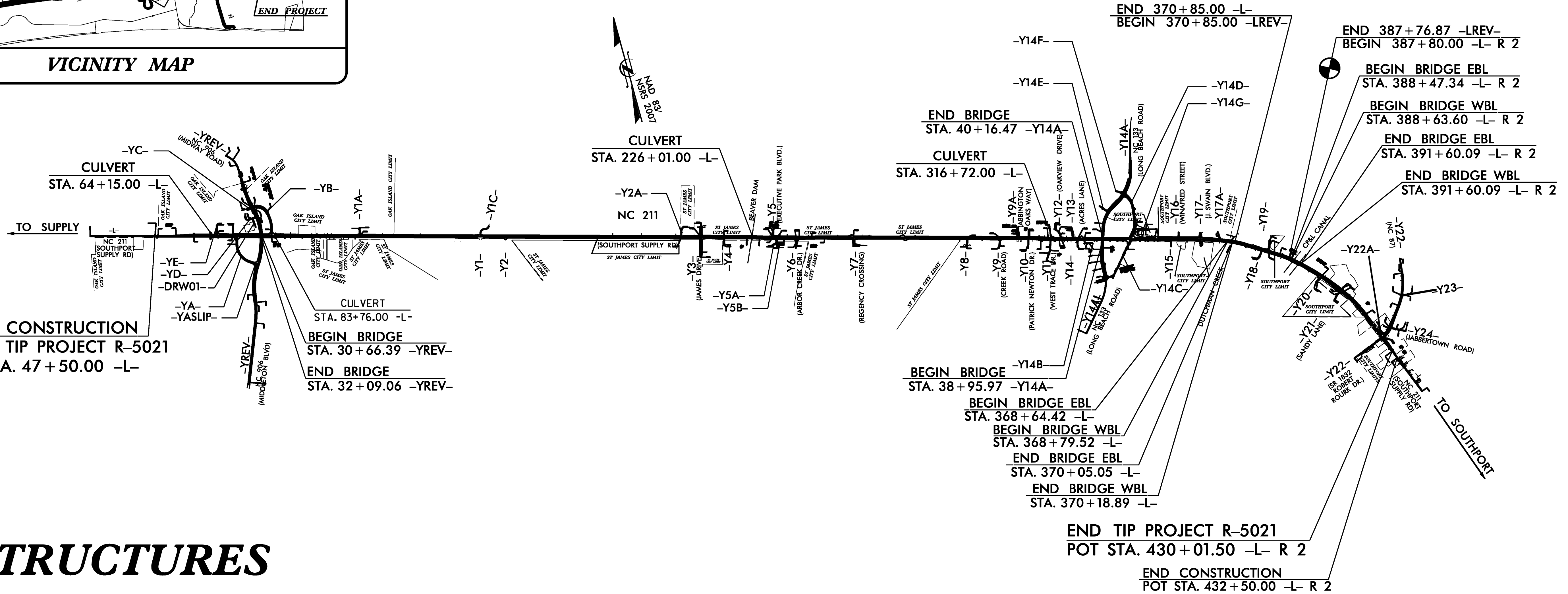
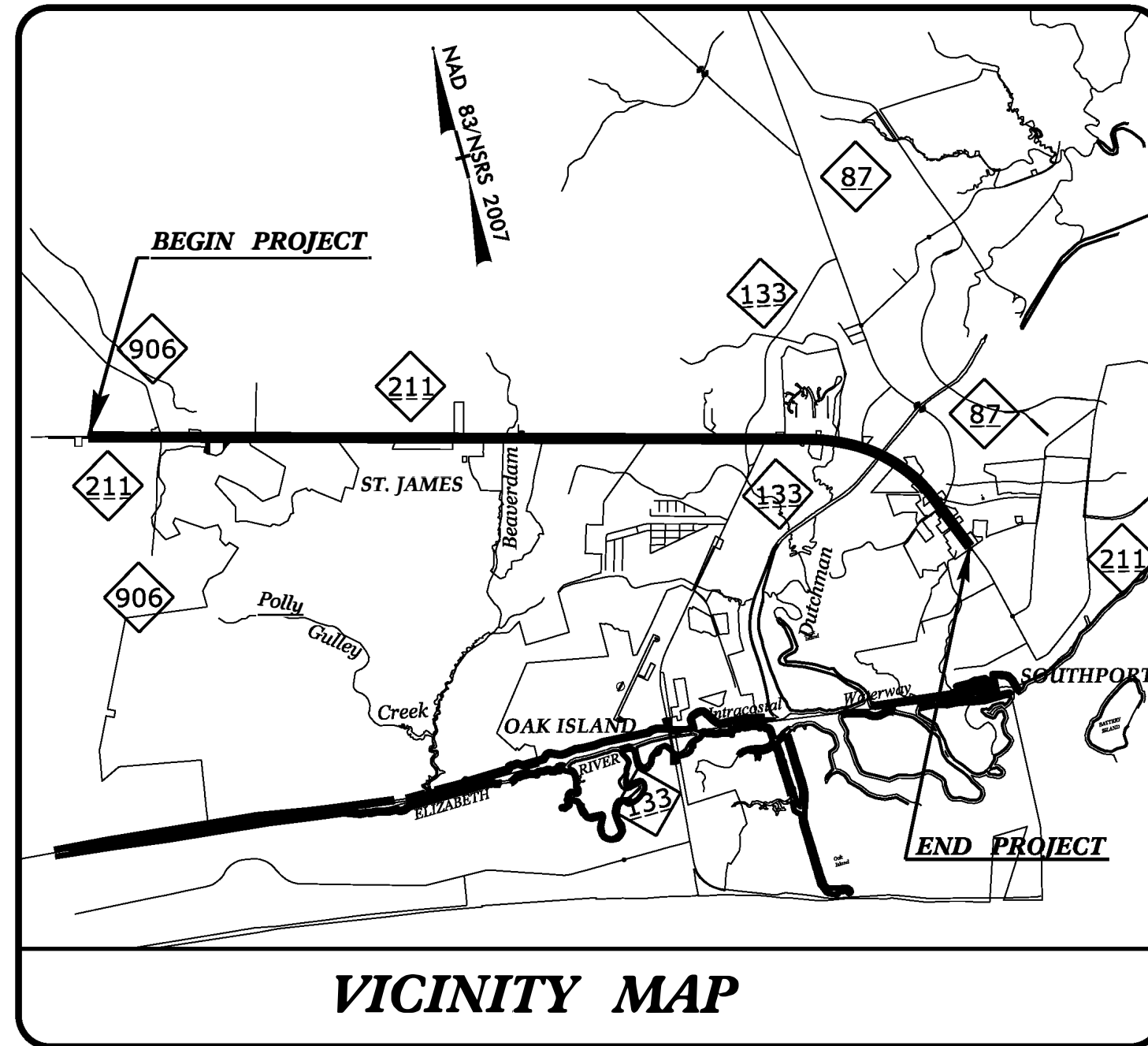
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

BRUNSWICK COUNTY

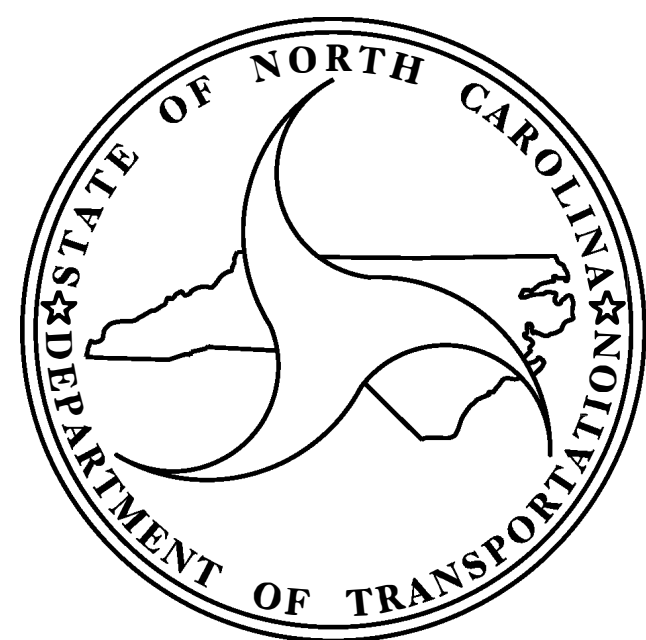
LOCATION: NC 211 FROM WEST OF NC 906 (MIDWAY ROAD) TO EAST OF NC 87

TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES, CULVERTS, WALLS & SIGNALS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5021		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
41582.1.1	STP-0211(021)	P.E.	
41582.2.2	STP-0211(021)	UTILITIES	
41582.2.3	STP-0211(021)	RW	
41582.3.1	STP-0211(021)	CONST.	



STRUCTURES



DESIGN DATA
 ADT 2019 = 28,000
 ADT 2039 = 44,000
 K = 8
 D = 55
 T = 6 % *
 V = 40-60 MPH
 * (TTST 2% + DUAL 4%)
 FUNC CLASS=RURAL MAJOR COLLECTOR REGIONAL TIER

PROJECT LENGTH
 LENGTH ROADWAY TIP PROJECT R-5021 = 7.158 MILES MILES
 LENGTH STRUCTURE TIP PROJECT R-5021 = 0.086 MILES
 TOTAL LENGTH TIP PROJECT R-5021 = 7.244 MILES MILES

ALL LENGTH BASED ON -L- CENTERLINE
 STRUCTURES LENGTH BASED ON EBL

Prepared In the Office of:
DIVISION OF HIGHWAYS
 STRUCTURES MANAGEMENT UNIT
 1000 BIRCH RIDGE DR.
 RALEIGH, N.C. 27610

2018 STANDARD SPECIFICATIONS

LETTING DATE :
 December 7, 2021