

**CONTRACT: C201550**

**TIP PROJECT: R-2245**



**DESIGN DATA**  
 ADT 2007 = 14500  
 ADT 2030 = 31000  
 DHV = 8 %  
 D = 55 %  
 T = 3 %  
 V = 40-60 MPH  
 \* TTST 1% + DUAL 2%  
 FUNC CLASS = RURAL  
 COLLECTOR

**PROJECT LENGTH**

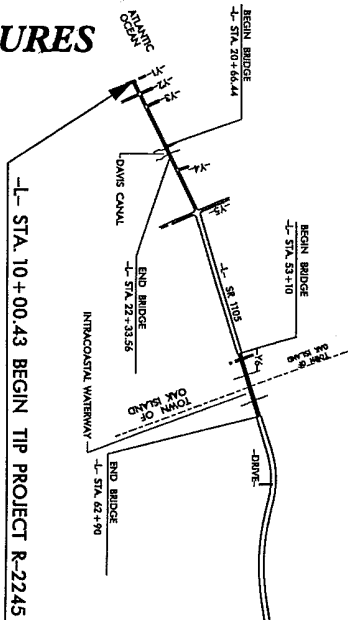
LENGTH ROADWAY TIP PROJECT R-2245	=	4.302 MI
LENGTH STRUCTURES TIP PROJECT R-2245	=	0.218 MI
TOTAL LENGTH OF TIP PROJECT R-2245	=	4.520 MI

**DIVISION OF HIGHWAYS**  
 Proposed in the office of  
 1800 Birch Ridge Dr., Raleigh, NC, 27618  
 STANDARD SPECIFICATIONS  
 LETTING DATE:  
 JUNE 19, 2007  
 OMAR R. AZIZI, P.E.  
 PROJECT MANAGER  
 E. E. MURRAY, P.E.  
 PROJECT DESIGN ENGINEER

**STRUCTURE DESIGN UNIT**  
 STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 APPROVED: [Signature]  
 DIVISION ADMINISTRATOR

**DIVISION OF HIGHWAYS**  
 STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 APPROVED: [Signature]  
 DIVISION ADMINISTRATOR

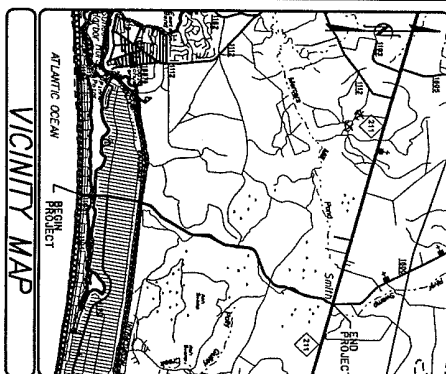
**STRUCTURES**



- 1-, (R 1100) ANDERSON AVENUE
- 1-, (R 1100) BEACH DRIVE
- 2-, DOBSON DRIVE
- 3-, PELCON DRIVE
- 4-, WHITE LANE
- 5-, (R 1100) OAK ISLAND DRIVE

- 6-, YACHT DRIVE
- 7-, (NC 211) SOUTHPORT-SUPPLY ROAD
- 8-, (R 1500) MURPHY ROAD
- ACC1-, ACCESS ROAD #1
- ACC2-, ACCESS ROAD #2

-L- STA. 248 + 66.02 END TIP PROJECT R-2245



STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS  
**BRUNSWICK COUNTY**

LOCATION: NEW ROUTE FROM SR 104 (BEACH DRIVE)  
 TO NC 211 (SECOND BRIDGE TO OAK ISLAND)

TYPE OF WORK: GRADING, PAVING, DRAINAGE, CULVERT, STRUCTURES,  
 SIGNING AND SIGNALS

NO.	DATE	REVISION
1	3/4/07	ISSUED FOR BIDDING
2	3/4/07	REVISED
3	3/4/07	REVISED