STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3485		

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
33102.1.1	BRZ-1309(1)	PE
33102.2.1	BRZ-1309(1)	R/W, UTILITIES
33102.3.1	BRZ-1309(6)	CONSTR.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MACON COUNTY

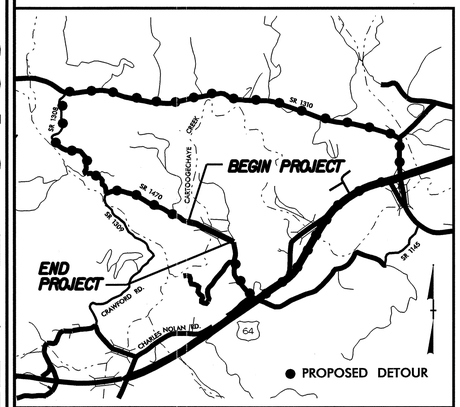
LOCATION: ***REPLACEMENT OF BRIDGE NO. 16 ON SR 1470 (FORMERLY SR 1309) OVER CARTOOGECHAYE CREEK***

TYPE OF WORK: ***GRADING, PAVING, DRAINAGE AND STRUCTURE***

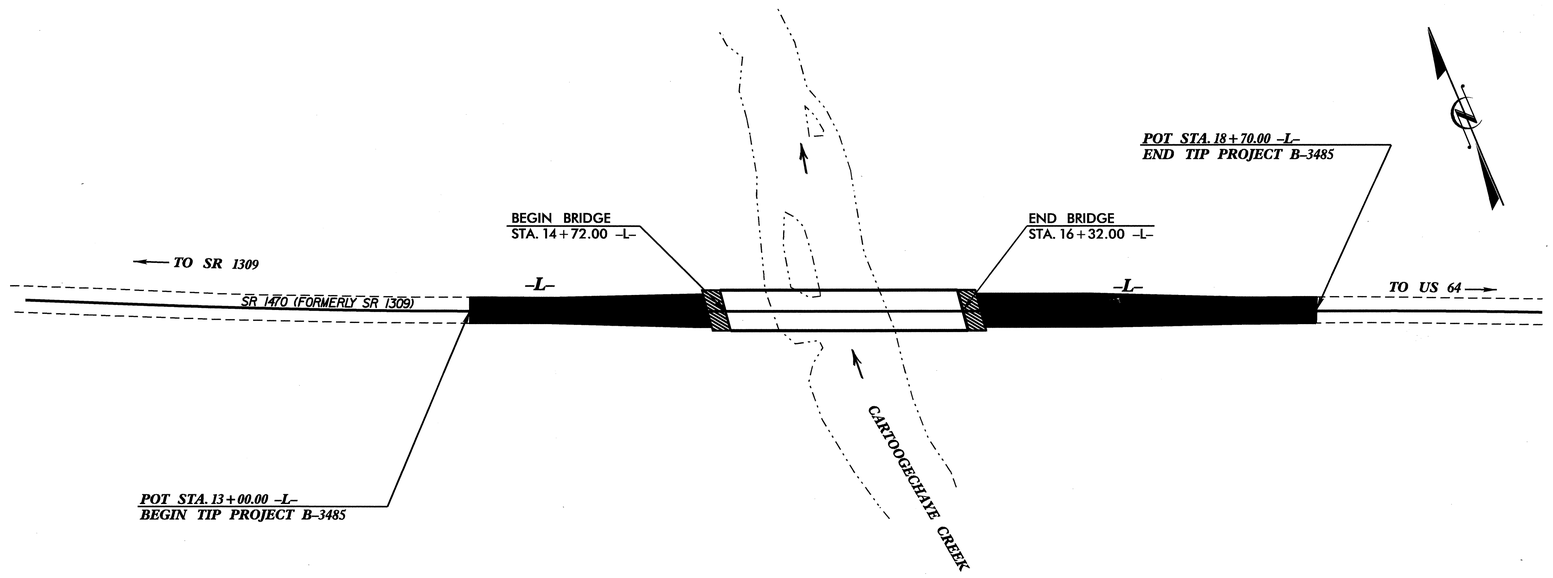
TIP: B-3485

CONTRACT: C200813

STRUCTURE



VICINITY MAP



DESIGN DATA

ADT 2003 = 300
ADT 2023 = 450
DHV = 9 %
D = 55 %
T = 3 % *
V = 40 MPH

* (TTST 1 % + DUAL 2 %)

PROJECT LENGTH

LENGTH OF ROADWAY, TIP PROJECT B-3485	=	0.078 MILE
LENGTH OF STRUCTURE, TIP. PROJECT B-3485	=	0.030 MILE
TOTAL LENGTH, TIP PROJECT B-3485	=	0.108 MILE

Prepared In the Office of:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., RALEIGH NC, 27610

2002 STANDARD SPECIFICATIONS

LETTING DATE:
DECEMBER 21,2004

JOHN C. FRYE, P.E.
PROJECT ENGINEER

W. A. DAVIS, P.E.
PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT
1000 Birch Ridge Dr.,
RALEIGH, N.C., 27610

NORTH CAROLINA PROFESSIONAL SEAL 14552 ENGINEER GREGORY R. PERFETTI
1/30/04

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

P.E.
STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR *DATE*

09/08/99
07-JAN-2004 15:18
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$