STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-2102		

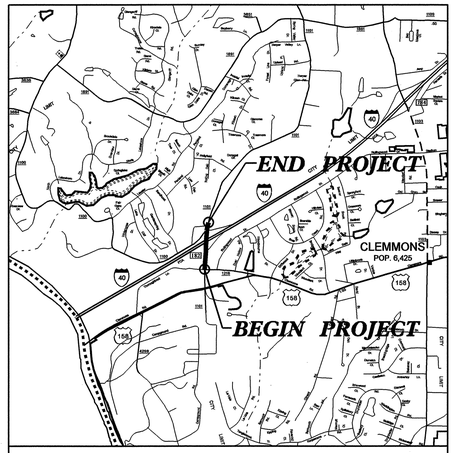
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
34153.1.1	IR-40-3(62)182	P.E.
34153.1.2	IR-40-3(62)182	R/W
34153.3.2	IR-40-3(101)182	CONST.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

FORSYTH COUNTY

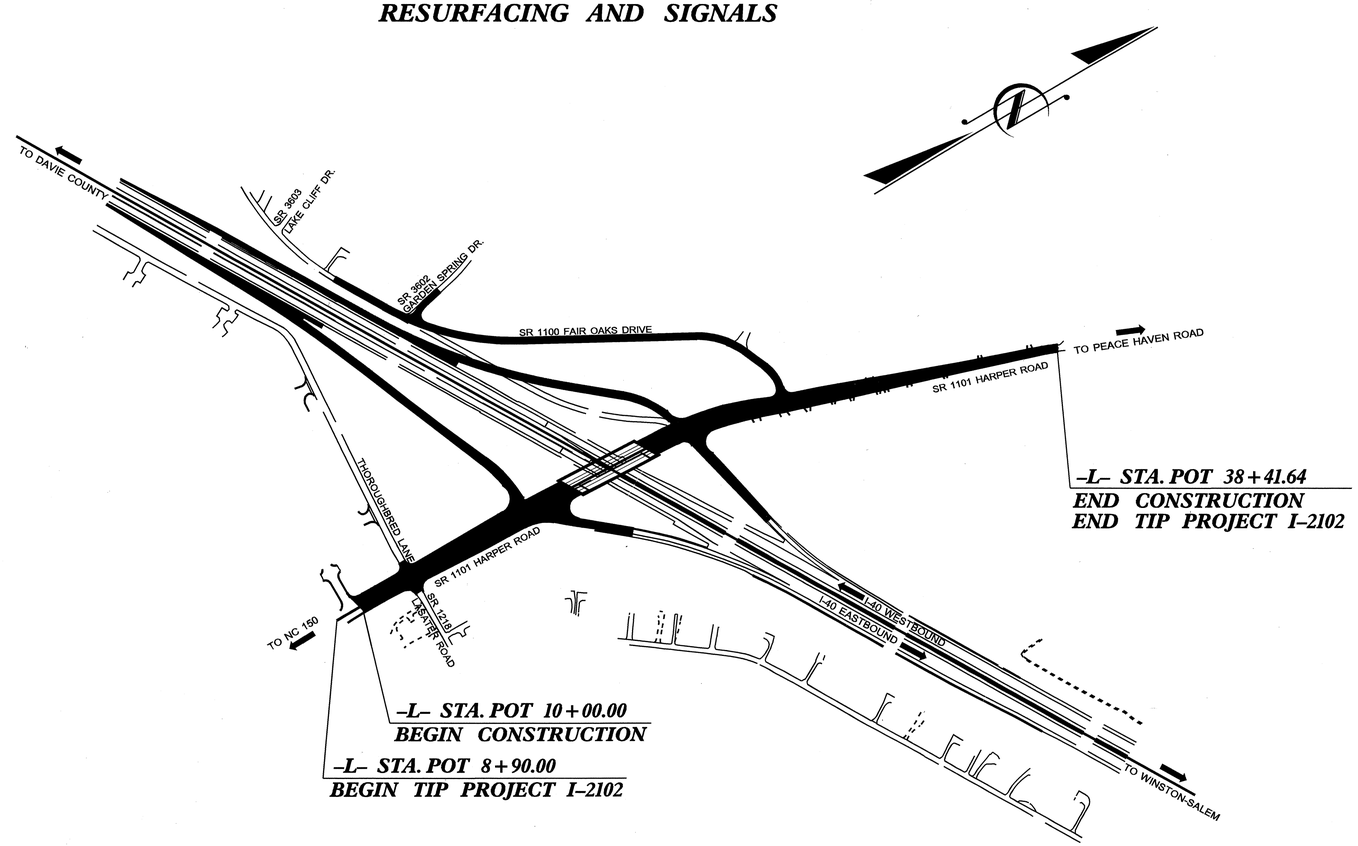
LOCATION: I-40 AT (SR 1101) HARPER ROAD INTERCHANGE, APPROX. 0.9 MILES EAST OF THE YADKIN RIVER

TYPE OF WORK: STRUCTURE, GRADING, WIDENING, PAVING, DRAINAGE, RESURFACING AND SIGNALS



VICINITY MAP

STRUCTURES



CONTRACT: C201359 TIP PROJECT: I-2102

30-JUL-2004 09:17
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STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DESIGN DATA

ADT 2000 = 6000
ADT 2025 = 13300
DHV = 10 %
D = 60 %
T = 3 % *
V = 45 MPH

* TTST 1% DUAL 2%

PROJECT LENGTH

TOTAL LENGTH ROADWAY TIP PROJECT I-2102 = 0.505 MILES
TOTAL LENGTH STRUCTURE TIP PROJECT I-2102 = 0.054 MILES
TOTAL LENGTH STATE TIP PROJECT I-2102 = 0.559 MILES

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

2002 STANDARD SPECIFICATIONS

LETTING DATE:
DECEMBER 21, 2004

B.C. HUNT, P.E.
PROJECT ENGINEER

T.G. PAYNE, P.E.
PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT

NORTH CAROLINA PROFESSIONAL SEAL 14552 ENGINEER GREGORY R. PERFETTI

9/9/04

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

P.E.
STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR DATE