



US Army Corps  
Of Engineers  
Wilmington District

# PUBLIC NOTICE

Issue Date: January 31, 2008  
Comment Deadline: March 3, 2008  
Corps Action ID #: SAW-2008-00252

All interested parties are hereby advised that the Wilmington District, Corps of Engineers (Corps) has received an application for work within jurisdictional waters of the United States. Specific plans and location information are described below and shown on the attached plans. This Public Notice and all attached plans are also available on the Wilmington District Web Site at: [http://www.saw.usace.army.mil/WETLANDS/Notices/Current\\_notices.html](http://www.saw.usace.army.mil/WETLANDS/Notices/Current_notices.html)

***Applicant:*** Gregory J. Thorpe, Ph.D.  
N. C. Department of Transportation  
1598 Mail Service Center  
Raleigh, North Carolina 27699-1598

## **Authority**

The Corps will evaluate this application and decide whether to issue, conditionally issue, or deny the proposed work pursuant to applicable procedures of Section 404 of the Clean Water Act and Section 10 of the River and Harbor Act of 1899.

## **Location**

The North Carolina Department of Transportation (NCDOT) proposes to construct on new location a new US 70 Goldsboro Bypass from existing US 70 west of Goldsboro in the vicinity of SR 1237 (Community Drive) in Wayne County to existing US 70 east of Goldsboro in the vicinity of SR 1323 (Promise Land Road) in Lenoir County. The proposed TIP project R-2554 involves constructing a four-lane, full control of access freeway with interchanges at locations with major traffic movements, and grade separations at minor crossroads and railroads. The project is approximately 20 miles in length and has been divided into four sections, A, BA, BB, and C. Section BA is the only section that has detailed permit drawings. The proposed project is located in Neuse River Basin, Hydrologic Units 03020201 and 03020202.

## Existing Site Conditions

The project study area lies in the rural region of Wayne and Lenoir Counties. Land uses in the area consist primarily of agriculture, forestry, and low-density residential and commercial development. Most of the proposed road alignment is currently agriculture and forested.

### Summary of Wetland and Stream Impacts for R-2554

Section	Permanent Wetland Impacts (ac)		Temporary Wetland Impacts (ac)		Permanent Stream Impact (ft)	Temporary Stream Impact (ft)
	Riverine	Non-riverine	Riverine	Non-riverine		
A **	1.89	0.38	0.24	0.00	949	0
BA	2.83	2.96	0.00	0.00	3,887	254
BB **	0.02	0.42	0.00	0.00	3,901	234
C **	11.58	7.54	0.00	0.00	4,416	0
<b>Total</b>	<b>16.32</b>	<b>11.30</b>	<b>0.24</b>	<b>0.00</b>	<b>13,153</b>	<b>488</b>

\*\* Impacts are based on preliminary design; therefore, these sections are expected to decrease once the final design is completed.

### Summary of Wetland Mitigation for R-2554

Section	Wetland Mitigation (ac) (Ratio)		
	Restoration (1:1)	Preservation (5:1)	Total Credits Proposed
Tommy's Road (site 8)	0.33	2.37	0.79
Bear Creek Bank (site 12)	26.84	0.00	26.84
<b>Total</b>	<b>27.17</b>	<b>2.37</b>	<b>27.63</b>

### Summary of Stream Mitigation for R-2554

Section	Stream Mitigation (lf) (Ratio)		
	Restoration (1:1)	Preservation (5:1)	Total Credits Proposed
NCFS Claridge Nursery	8,716	0	8,716
NSD* site 4	1,083	0	1,083
NSD* site 5	561	0	561
Tommys Rd (site 8)	61	691	199
NSD* site 9	1,236	0	1,236
UT West Bear Creek Mitigation Bank	1,243	0	1,243
<b>Totals</b>	<b>12,900</b>	<b>691</b>	<b>13,038</b>

\* Natural Stream Design

### **Applicant's Stated Purpose**

The purpose and need for this project is to improve safety, increase traffic capacity to projected transportation needs, and reduce travel times.

### **Project Description**

The following description of work is taken from data provided by the applicant. The proposed TIP project R-2554 involves constructing a four-lane, full control of access freeway with interchanges at locations with major traffic movements, and grade separations at minor crossroads and railroads. The project is approximately 20 miles in length and has been divided into four sections, A, BA, BB, and C. Section BA is the only section that has detailed permit drawings. For Section BA the proposed project would permanently impact 5.79 acres of jurisdictional wetlands and 3,887 feet of streams.

### **Other Required Authorizations**

This notice and all applicable application materials are being forwarded to the appropriate State agencies for review. The Corps will generally not make a final permit decision until the North Carolina Division of Water Quality (NCDWQ) issues, denies, or waives State certification required by Section 401 of the Clean Water Act (PL 92-500). The receipt of the application and this public notice combined with the appropriate application fee at the North Carolina Division of Water Quality central office in Raleigh will constitute initial receipt of an application for a 401 Water Quality Certification. A waiver will be deemed to occur if the NCDWQ fails to act on this request for certification within sixty days of the date of the receipt of this notice in the NCDWQ Central Office. Additional information regarding the Clean Water Act certification may be reviewed at the NCDWQ Central Office, 401 Oversight and Express Permits Unit, 2321 Crabtree Boulevard, Raleigh, North Carolina 27604-2260. All persons desiring to make comments regarding the application for certification under Section 401 of the Clean Water Act should do so in writing delivered to the North Carolina Division of Water Quality (NCDWQ), 1650 Mail Service Center, Raleigh, North Carolina 27699-1650 Attention: Mr. Brian Wrenn by March 3, 2008.

### **Essential Fish Habitat**

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The Corps' initial determination is that the proposed project will not adversely impact EFH or associated fisheries managed by the South Atlantic or Mid Atlantic Fishery Management Councils or the National Marine Fisheries Service.

## **Cultural Resources**

The Corps has consulted the latest published version of the National Register of Historic Places and has determined that registered properties, or properties listed as being eligible for inclusion therein are not located within the project area and/or will be affected by the proposed work.

## **Endangered Species**

The Corps has reviewed the project area, examined all information provided by the applicant and consulted the latest North Carolina Natural Heritage Database. Based on available information, the Corps has determined pursuant to the Endangered Species Act of 1973, that the proposed project will have no effect on federally listed endangered or threatened species or their formally designated critical habitat.

## **Evaluation**

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values (in accordance with Executive Order 11988), land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving the discharge of dredged or fill materials in waters of the United States, the evaluation of the impact of the activity on the public interest will include application of the Environmental Protection Agency's 404(b)(1) guidelines.

## **Commenting Information**

The Corps is soliciting comments from the public; Federal, State and local agencies and officials, including any consolidate State Viewpoint or written position of the Governor; Indian Tribes and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects and the other public interest factors listed above. Comments

are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement (EIS) pursuant to the National Environmental Policy Act (NEPA). Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Requests for a public hearing shall be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.

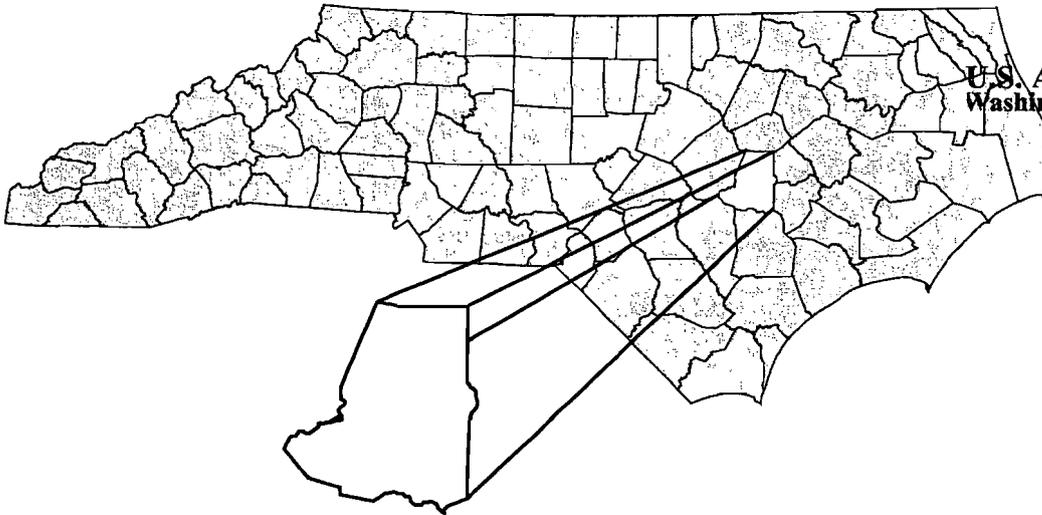
Written comments pertinent to the proposed work, as outlined above, will be received by the Corps of Engineers, Wilmington District, until 5pm, March 3, 2008. Comments should be submitted to US Army Corps of Engineer, attn: William Wescott Post Office Box 1000, Washington, NC 27889.

# NORTH CAROLINA

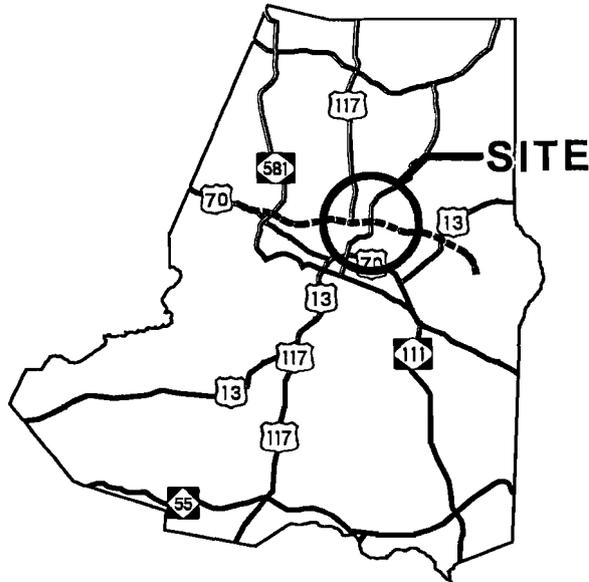
**RECEIVED**

JAN 06 2008

U.S. ARMY CORPS ENG  
Washington Regulatory Hld Ofc



# WAYNE



# VICINITY MAPS

## NCDOT

DIVISION OF HIGHWAYS  
WAYNE COUNTY  
PROJECT: 34461.1.3 (R-2554BA)  
US 70 BYPASS

Permit Drawing  
Sheet 1 of 111

10/17/07

**Impact Summary  
For TIP R-2554BA**

**WETLAND PERMIT IMPACT SUMMARY**

Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS					SURFACE WATER IMPACTS				
			Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
1	-L2RPBD- 4+25 +/-	Roadway						0.01	0.00	142	22	
2	-L2- 92+00 +/-	Roadway						0.00	0.00	24	22	
3	-L- 94+40 +/-	Roadway	1.57			0.07		0.10	0.00	1048	31	
4	-L- 98+60 +/-	Roadway						0.19	0.03	1173	84	1083
5	-L- 102+64 - 109+19 +/-	Roadway	0.06			0.01		0.35	0.00	541	34	561
6	-SR5- 17+60 +/-	Roadway				0.03						
7	-L- 114+80 +/-	Bridge	0.00			0.01	0.72	0.00				
8	-SR5- 21+60 +/-	Roadway					0.04		* 0.00		* 30	* 61
9	-L- 132+00 +/-	Bridge	0.12			0.03	1.42					
10	-L- 141+00 +/-	Roadway	2.65			0.31						
11	-L- 148+60 +/-	Roadway	0.10			0.03		0.33	0.00	831	20	
12	-L- 153+00 +/-	Bridge	0.75			0.04						
14	-Y2- 12+60 +/-	Roadway						0.01	0.00	128	11	
<b>TOTALS:</b>			5.26	0.00	0.00	0.53	2.18	1.00	0.04	3887	254	1705

Impacts due to piers in wetlands and streams at Site 7= 118.4sqft  
 Impacts due to piers in wetlands and streams at Site 9= 236.8sqft

Proposed wetland restoration due to existing road removal (Site 8)= 0.33ac  
 \* Impacts due to removal of existing culvert on Tommy's Road. See Mitigation Plans.

**Permit Drawing**  
 Sheet 4 of 111

NC DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

WAYNE COUNTY  
 WBS - 34461.1.3 (R-2554BA)

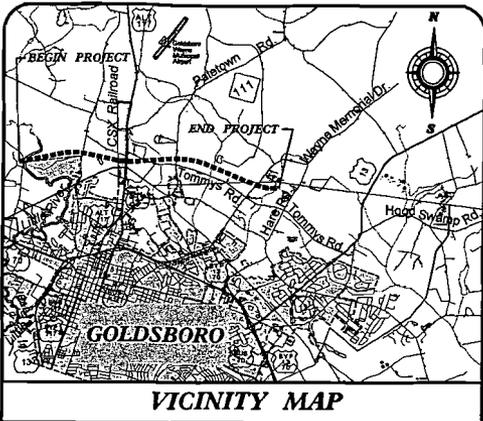


See Sheet 1-A For Index of Sheets  
See Sheet 1-B For Conventional Symbols

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

## WAYNE COUNTY

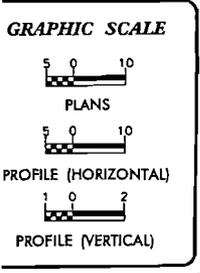
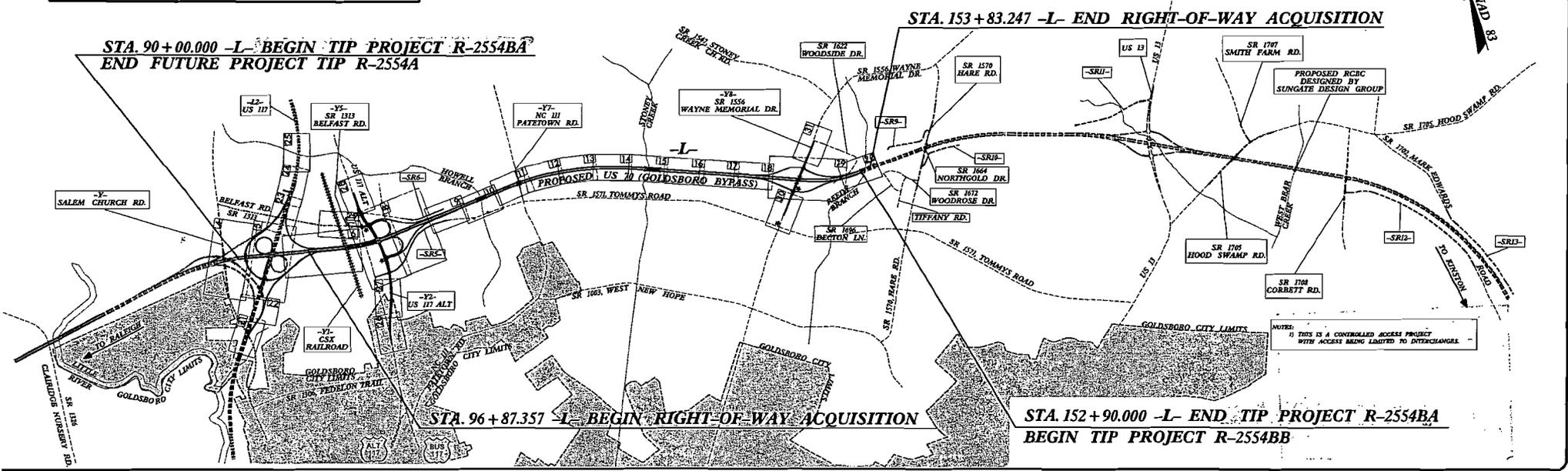
 ALL DIMENSIONS IN THESE PLANS ARE IN METERS UNLESS OTHERWISE SHOWN	STATE PROJECT REFERENCE NO.	1	TOTAL SHEETS
	STATE PROJ. NO.	R-2554BA	
	F.A. PROJECT	NHF-70(30)	DISCIPLINE
	CONTRACT NO.	NHS-70(16D)	PE
		RW & UTIL.	
		CONST.	



90% Plans

**LOCATION: US 70 (GOLDSBORO BYPASS)  
FROM EAST OF SR 1300 (SALEM CHURCH ROAD)  
TO EAST OF SR 1556 (WAYNE MEMORIAL DRIVE)**

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



**DESIGN DATA**

ADT 2008 = 20,728  
ADT 2028 = 29,048

DHV = 10 %  
D = 55 %  
T = 10 %  
V = 110 km/h

FUNCTIONAL CLASSIFICATION: FREEWAY

\* TTST 6% DUAL 4%

**PROJECT LENGTH**

Length Roadway TIP Project R-2445BA ..... 5.802 km

\*Length Structure TIP Project R-2445BA ..... 0.489 km

TOTAL LENGTH TIP Project R-2445BA ..... 6.290 km  
(3.91 MILES)

\*USED EBL -L- STATIONS FOR STRUCTURE LENGTHS

**PLANS PREPARED BY :**  
RUMMELKLEPPER & KAHL LLP  
consulting engineers  
900 RIDGEFIELD DRIVE, SUITE 150  
RALEIGH, NORTH CAROLINA 27609  
(919) 878-9560

FOR  
**DIVISION OF HIGHWAYS**

2006 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: MAY 18, 2005

LETTING DATE: APRIL 15, 2008

**B. KEITH SKINNER, P.E.**  
PROJECT ENGINEER

**MICHAEL T. MERRITT, P.E.**  
PROJECT DESIGN ENGINEER

NCDOT CONTACT: Scott Blevins, P.E.  
Engineering Coordinator - Roadway Design

**HYDRAULICS ENGINEER**

SIGNATURE: \_\_\_\_\_ P.E.

**ROADWAY DESIGN**

SIGNATURE: \_\_\_\_\_ P.E.

**DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA**

SIGNATURE: \_\_\_\_\_ P.E.

**STATE DESIGN ENGINEER**

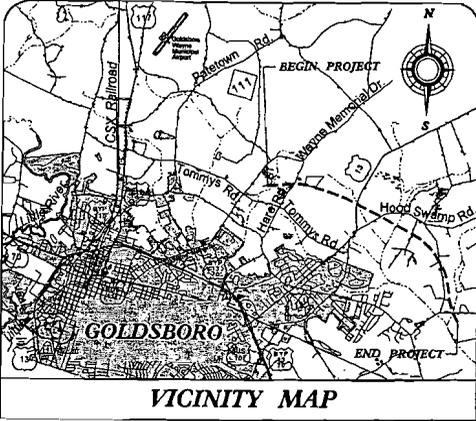
**DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION**

SIGNATURE: \_\_\_\_\_ P.E.

**APPROVED  
DIVISION ADMINISTRATOR**

DATE: \_\_\_\_\_

See Sheet 1-A For Index of Sheets  
See Sheet 1-B For Conventional Symbols



VICINITY MAP

RW PLANS

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

LOCATION: US 70 (GOLDSBORO BYPASS)  
FROM EAST OF SR 1556 (WAYNE MEMORIAL DRIVE)  
TO WEST OF SR 1714 (PARKSTOWN ROAD)

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



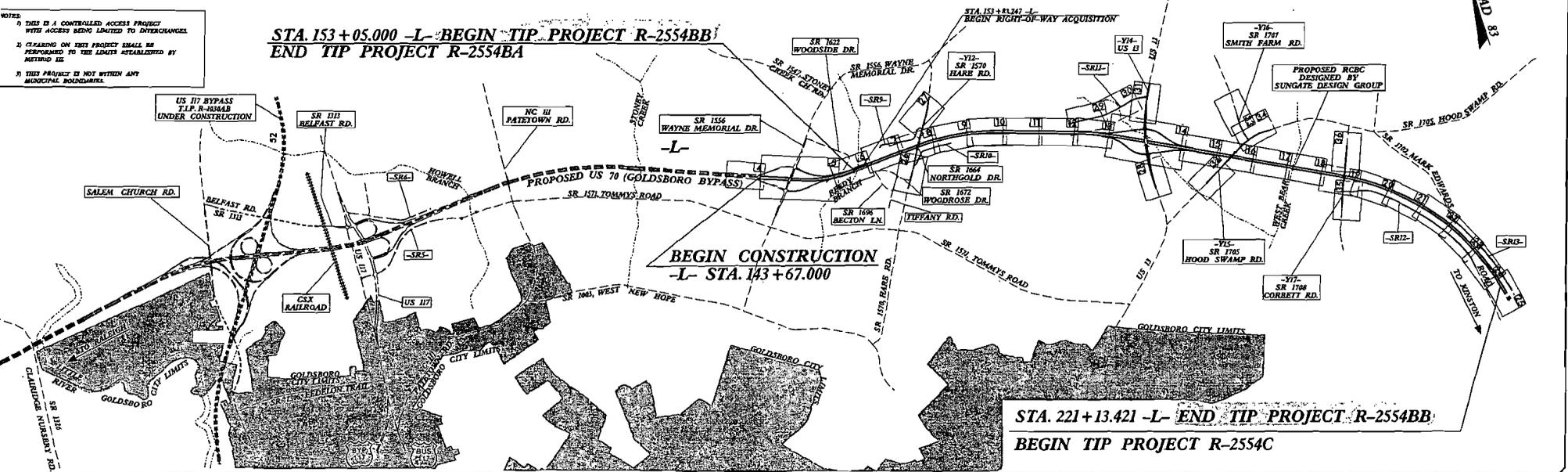
ALL DIMENSIONS IN THESE PLANS ARE IN METERS UNLESS OTHERWISE SHOWN

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2554BB	1	
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION	
34461.1.3	NHF-70(30)	PE	
34461.2.7		RW	

PRELIMINARY PLANS  
DO NOT USE FOR CONSTRUCTION

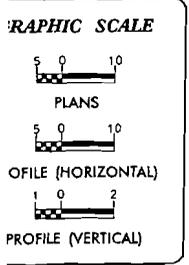
- NOTES:  
1) THIS IS A CONTROLLED ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES.  
2) CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.  
3) THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES.

STA. 153 + 05.000 -L- BEGIN TIP PROJECT R-2554BB  
END TIP PROJECT R-2554BA



BEGIN CONSTRUCTION  
-L- STA. 143 + 67.000

STA. 221 + 13.421 -L- END TIP PROJECT R-2554BB  
BEGIN TIP PROJECT R-2554C



**DESIGN DATA**

ADT 2008 =	22,172
ADT 2028 =	37,852
DHV =	10 %
D =	55 %
T =	10 % *
V =	110 km/h
* TTST 6% DUAL 4%	

**PROJECT LENGTH**

Length Roadway TIP Project R-2445B	6.685 km
*Length Structure TIP Project R-2445B	0.123 km
TOTAL LENGTH TIP Project R-2445B	6.808 km (4.23 MILES)

\*USED EBL -L- STATIONS FOR STRUCTURE LENGTHS

**PLANS PREPARED BY :**  
RUMMEL, KLEPPER & KAHL, LLP  
consulting engineers  
5800 FARRINGTON PLACE, SUITE 105  
RALEIGH, NORTH CAROLINA 27609  
(919) 870-5500

**FOR**  
**DIVISION OF HIGHWAYS**

2001 STANDARD SPECIFICATIONS  
**RIGHT OF WAY DATE:** TBD  
**LETTING DATE:**

**B. KEITH SKINNER, P.E.**  
PROJECT ENGINEER

**MICHAEL T. MERRITT, P.E.**  
PROJECT DESIGN ENGINEER

**Scott Blewins, P.E.**  
Project Engineer-Project Services

**NCDOT CONTACT:**

**HYDRAULICS ENGINEER**

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
ROADWAY DESIGN

\_\_\_\_\_  
SIGNATURE

**DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA**

\_\_\_\_\_  
STATE DESIGN ENGINEER

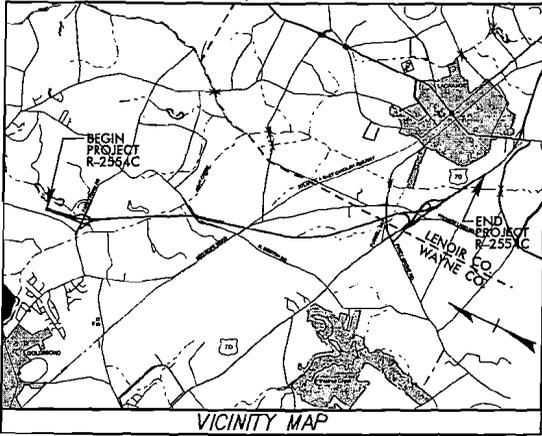
**DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION**

\_\_\_\_\_  
APPROVED

\_\_\_\_\_  
DIVISION ADMINISTRATOR

\_\_\_\_\_  
DATE

See Sheet 1-A For Index of Sheets  
See Sheet 1-B For Conventional Symbols



STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

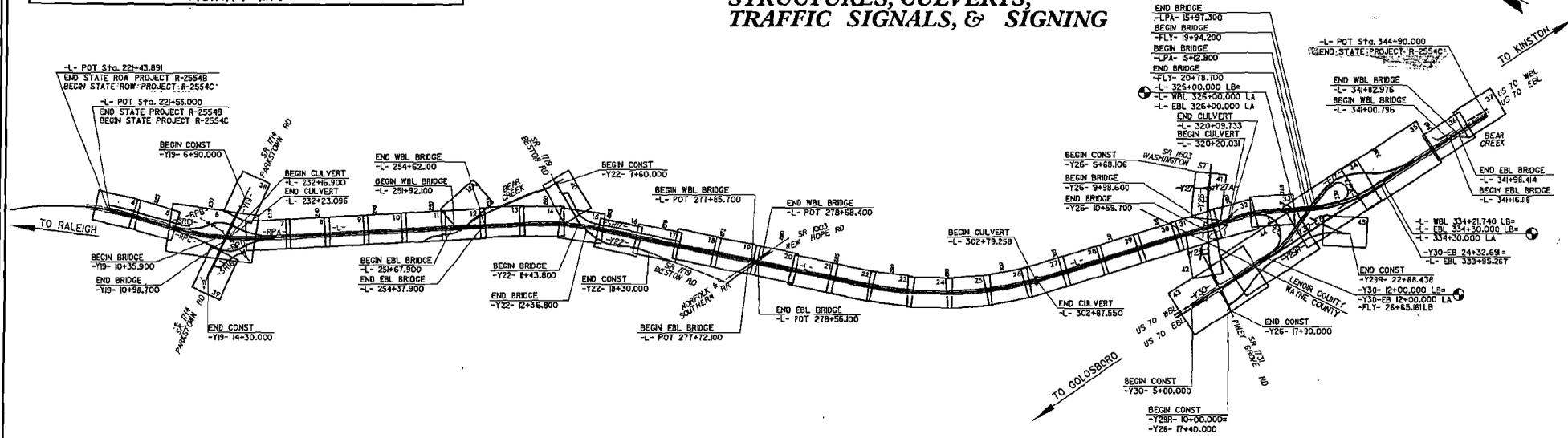
**WAYNE-LENOIR COUNTIES**

LOCATION: US 70 (GOLDSBORO BYPASS) FROM WEST OF SR 1714 TO EAST OF SR 1323 IN LENOIR COUNTY

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



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2554C	I	
STATE PROJECT	F.A. PROJ. NO.	DESCRIPTION	
34461.1.3	NHF-70(50)	P.E.	
34461.2.5	NHS-70(69)	R/W & UTIL.	



CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III  
THIS IS A CONTROLLED ACCESS PROJECT WITH ACCESS LIMITED TO INTERCHANGES.

PRELIMINARY PLANS  
DO NOT USE FOR CONSTRUCTION

**GRAPHIC SCALES**

5 0 10  
PLANS

5 0 10  
PROFILE (HORIZONTAL)

1 0 2  
PROFILE (VERTICAL)

**DESIGN DATA**

ADT 2006 = 18,100  
ADT 2026 = 33,100

DHV = 10 %  
D = 55 %  
T = 10 % \*  
V = 110 km/h

FUNC CLASS = FREEWAY  
\* TTST 6 % DUAL 4 %

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT R-2554C 11.884 KM.  
LENGTH STRUCTURES TIP PROJECT R-2554C 0.369 KM.  
TOTAL LENGTH TIP PROJECT R-2554C 12.253 KM.

NOTE: EB LANE USED TO DETERMINE PROJECT LENGTH

PLANS PREPARED BY:  
**FLORENCE & HUTCHESON, INC.**  
CONSULTING ENGINEERS  
4600 WRESTLER BLVD, SUITE 415  
RALEIGH, NC 27607

PREPARED FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
100% STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:**  
DECEMBER 23, 2002

**LETTING DATE:**  
PY

**NCDOT CONTACT:**

DENNIS MORY, PE  
PROJECT ENGINEER

CLAUDETTE M.K. ROQUE, PE  
PROJECT DESIGN ENGINEER

DOUG TAYLOR, PE  
PROJECT ENGINEER

**HYDRAULICS ENGINEER**

SIGNATURE: \_\_\_\_\_ P.E.

**ROADWAY DESIGN ENGINEER**

SIGNATURE: \_\_\_\_\_ P.E.

**DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA**

STATE HIGHWAY DESIGN ENGINEER

P.E.