



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

P.O. BOX 25201, RALEIGH, NC 27611-5201

CERTIFICATION OF RULEMAKING

Certifying Agency: Department of Transportation				
Action:	<input checked="checked" type="checkbox"/>	Adoption	<input type="checkbox"/>	Repeal
Statutory Authority: 136-54, 136-30, 20-141.				
Public Hearing Not Required For This Action Under: GS 150A-1, 20-1.				
Rule Summary: Municipal Speed Zones, Route Changes.				
Circumstances Requiring Rule Adoption, Repeal: Necessary for public safety and welfare.				
Effective Date: April 30, 2014				

April 30, 2014

DATE

OFFICER SIGNATURE

James. K. Lacy, P.E.

TYPED NAME

State Traffic Engineer

TITLE



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Municipal Speed Zones

The Board of Transportation has delegated to the Secretary of Transportation the authority to adopt and promulgate all rules and regulations and ordinances regulating traffic on the highways pursuant to authority of N.C.G.S 143B-350 (g) (see 19ANCAC 4A.0004).

The State Traffic Engineer is subdelegated the authority by the Secretary of Transportation to adopt and promulgate all necessary rules, regulations and ordinances for the use of and to police traffic on state highways, and to set, change, or extend route numbers on the Primary Highway System of North Carolina pursuant to authority of N.C.G.S 143B-350(g) (see 19ANCAC 4A.0004).

Pursuant to that delegation, the State Traffic Engineer hereby adopts and promulgates the following ordinances based on traffic and engineering studies performed by the Traffic Engineering Branch, Department of Transportation, and in accordance with General Statute 20-141.

COUNTY ALAMANCE

DIVISION 7

DECLARE THE FOLLOWING

County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
ALAMANCE ELON COLLEGE	1067622	SR 1311	45	45	On SR 1311 (Cook Road) between a point 0.145 miles Northeast of SR 1457 and a point 0.417 miles Northeast of SR 1457.
ALAMANCE ELON COLLEGE	1067624	NC 100	45	45	NC 100 between a point 0.810 miles Southwest of SR 1504 (Shallowford Church Road) to a point 0.351 miles Southwest of SR 1504 (Shallowford Church Road).

Route Changes

The Board of Transportation has delegated to the Secretary of Transportation the authority to adopt and promulgate all rules and regulations and ordinances regulating traffic on the highways pursuant to authority of N.C.G.S 143B-350 (g) (see 19ANCAC 4A.0004).

The State Traffic Engineer is subdelegated the authority by the Secretary of Transportation to adopt and promulgate all necessary rules, regulations and ordinances for the use of and to police traffic on state highways, and to set, change, or extend route numbers on the Primary Highway System of North Carolina pursuant to authority of N.C.G.S 143B-350(g) (see 19ANCAC 4A.0004).

Pursuant to that delegation, the State Traffic Engineer hereby adopts and promulgates the following ordinances based on traffic and engineering studies performed by the Traffic Engineering Branch, Department of Transportation, and in accordance with General Statute 136-30, 136-54.

COUNTY ALAMANCE **DIVISION** 7

DECLARE THE FOLLOWING

County	Ordinance Number	Route	Long Description
ALAMANCE	1067923	NC 100	Delete existing NC 100 and replace with SR 1311 between SR 1454 (Haggard Avenue) and 0.21 mile northeast of SR 1454 (Haggard Avenue). Project U-3110B.
ALAMANCE	1067924	SR 1311	Add SR 1311 to replace existing NC 100 between SR 1454 (Haggard Avenue) and 0.21 mile northeast of SR 1454 (Haggard Avenue). Project U-3110B.
ALAMANCE	1067925	NC 100	Add NC 100 to replace existing SR 1454 between SR 1311 (extension) and 0.041 mile southeast of SR 1311 (extension). Project U-3110B.
ALAMANCE	1067927	SR 1454	Delete existing SR 1454 and replace with NC 100 between SR 1311 (extension) and 0.041 mile southeast of SR 1311 (extension). Project U-3110B.
ALAMANCE	1067928	NC 100	Add NC 100 along new alignment between SR 1454 (Haggard Avenue) and 0.254 mile northwest of SR 1454 (Haggard Avenue). Project U-3110B.

The foregoing Highway Traffic Ordinances are hereby adopted in accordance with the General Statutes of North Carolina (136-54, 136-30, 20-141).

All the actions to the Highway Traffic Ordinances herein adopted are effective April 30, 2014 and are identified as follows:

ORDINANCE TYPE	ADOPT	REPEAL
Municipal Speed Zones	2	0
Route Changes	5	0
Total	7	0

The Division Engineer for each affected Division shall cause to be erected appropriate signs indicating the action of the State Traffic Engineer and these ordinances shall be in full force and effect from and after the erection of such signs.

April 30, 2014

DATE

OFFICER SIGNATURE

James. K. Lacy, P.E.

TYPED NAME

State Traffic Engineer

TITLE

The foregoing Highway Traffic Ordinances are hereby adopted in accordance with the General Statutes of North Carolina (136-54, 136-30, 20-141).

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Route Changes	5	0
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April 30, 2014

DATE



OFFICER SIGNATURE

James. K. Lacy, P.E.

TYPED NAME

State Traffic Engineer

TITLE

**Certification of Municipal Declaration
To Enact Speed Limits and Request for Concurrence**

Concurring State Ordinance Number: 1067622

Division: 7 County: ALAMANCE

Municipality: ~~ELON COLLEGE~~

Type: Municipal Speed Zones

Road: SR 1311

Car: 45 MPH

Truck: 45 MPH

Description: On SR 1311 (Cook Road) between a point 0.145 miles Northeast of SR 1457 and a point 0.417 miles Northeast of SR 1457.

Municipal Certification

I, DiAnne C Enoch, Clerk of Elon, do hereby certify that the municipal governing body, pursuant to the authority granted by G.S. 20-141(f), determined upon the basis of an engineering and traffic investigation and duly declared, on the 11 day of March, 2014, the speed limits as set forth above on the designated portion of the State Highway System, which shall become effective when the Department of Transportation has passed a concurring ordinance and signs are erected giving notice of the authorized speed limit.

The said municipal declaration is recorded as follows:

Minute Book: 4 Page: 30 Ordinance/Resolution Number: 14-631

In witness whereof, I have hereunto set my

hand and the municipal seal this 11 day
of March, 2014.

DiAnne C Enoch
(signature)



Department of Transportation Approval

Division: Geoffrey C. Sloop, E.I. Title: Assistant Div. Traffic Engineer Date: 3/25/2014

Region: BC/Mono Title: Regional Traffic Engineer Date: 4/17/14

**Certification of Municipal Declaration
To Enact Speed Limits and Request for Concurrence**

Concurring State Ordinance Number: 1067624

Division: 7 County: ALAMANCE

Municipality: ELON ~~COLLEGE~~

Type: Municipal Speed Zones

Road: NC 100

Car: 45 MPH

Truck: 45 MPH

Description: NC 100 between a point 0.810 miles Southwest of SR 1504 (Shallowford Church Road) to a point 0.351 miles Southwest of SR 1504 (Shallowford Church Road).

Municipal Certification

I, Dianne C Enoch, Clerk of Elon, do hereby certify that the municipal governing body, pursuant to the authority granted by G.S. 20-141(f), determined upon the basis of an engineering and traffic investigation and duly declared, on the 11 day of March, 2014, the speed limits as set forth above on the designated portion of the State Highway System, which shall become effective when the Department of Transportation has passed a concurring ordinance and signs are erected giving notice of the authorized speed limit.

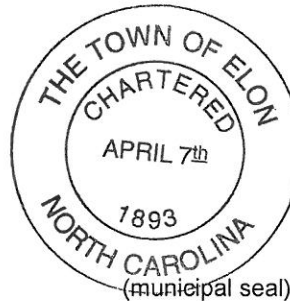
The said municipal declaration is recorded as follows:

Minute Book: 4 Page: 31 Ordinance/Resolution Number: 14-631

In witness whereof, I have hereunto set my

hand and the municipal seal this 11 day
of March, 2014.

Dianne C Enoch
(signature)



Department of Transportation Approval

Division: Geoffrey C. Long, E.I. Title: Assistant Dir. Traffic Engineer Date: 3/25/2014

Region: BEllamoy Title: REGIONAL TRAFFIC ENGINEER Date: 4/17/14

North Carolina Department of Transportation
Transportation Mobility and Safety Division

Route Change Request Form

This form shall be completed for all route number change requests affecting Interstates and Primary (US and NC) routes and submitted to the Staff Engineer of the Transportation Mobility and Safety Division (TMSD). A map (or maps) shall also be attached indicating the affected counties and routes.

Route Number/s: NC 100, SR 1311, SR 1454

County/s: Alamance

Division/s: 7 TIP Project/s: U-3110B

General description of request (starting/ending points, etc.):

Realignment, widening, and extension of SR 1311 (Cook Road), and replacement of at-grade intersection with NC 100 to a grade-separated underpass.

Reason/Justification for this route change:

The realignment of SR 1311 (Cook Road) and the replacement of an at-grade intersection with NC 100 to a grade-separated underpass necessitates a change in the routing of NC 100 (see attached map).

Requestor Name: Jeff Jaeger (for the GIS Unit) Date: October 1, 2013

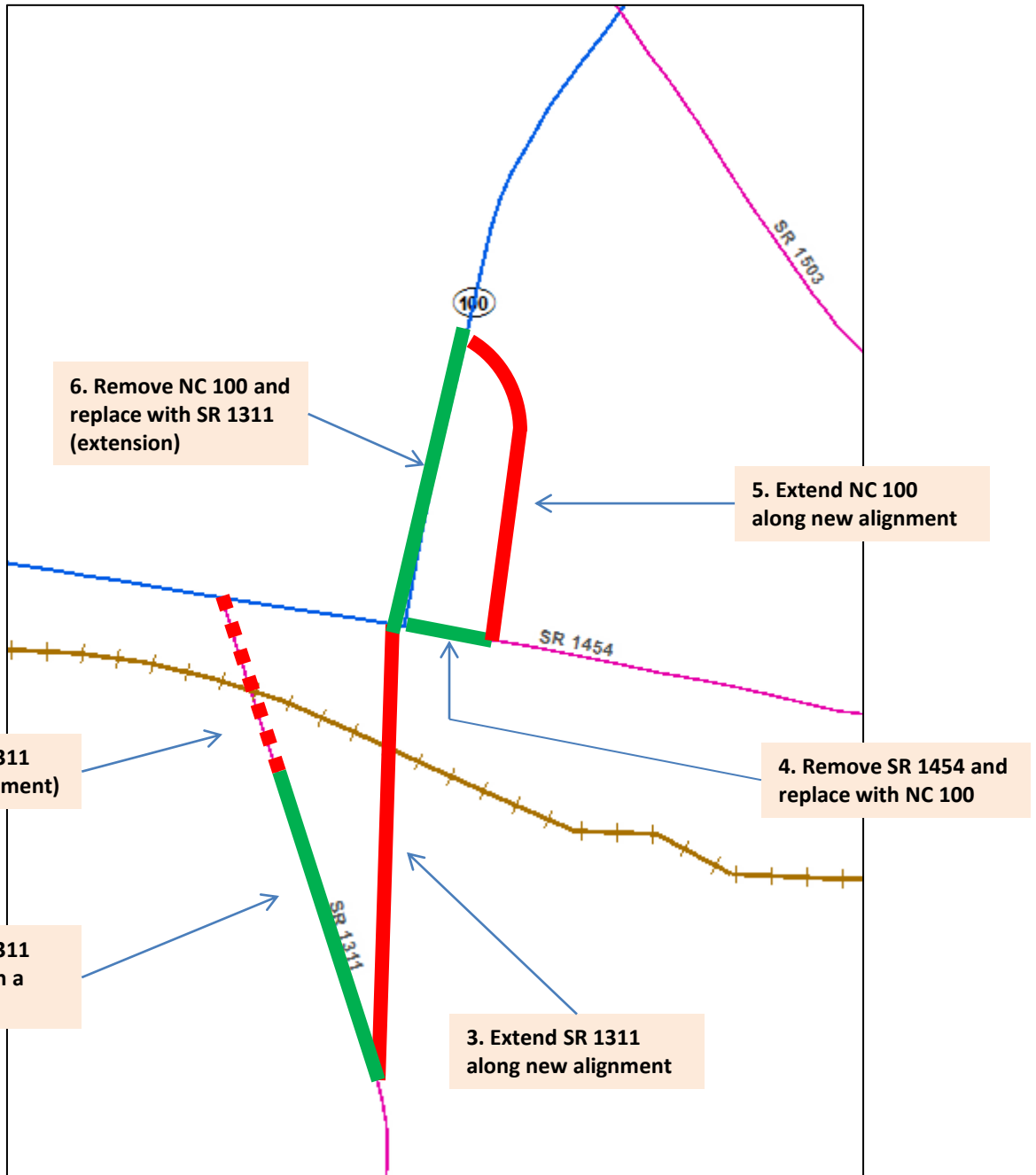
Requestor Signature: 

State Traffic Engineer (initial approval):  Date: 1/17/2014

Attachments: Map/s

cc: Ordinance Program Coordinator

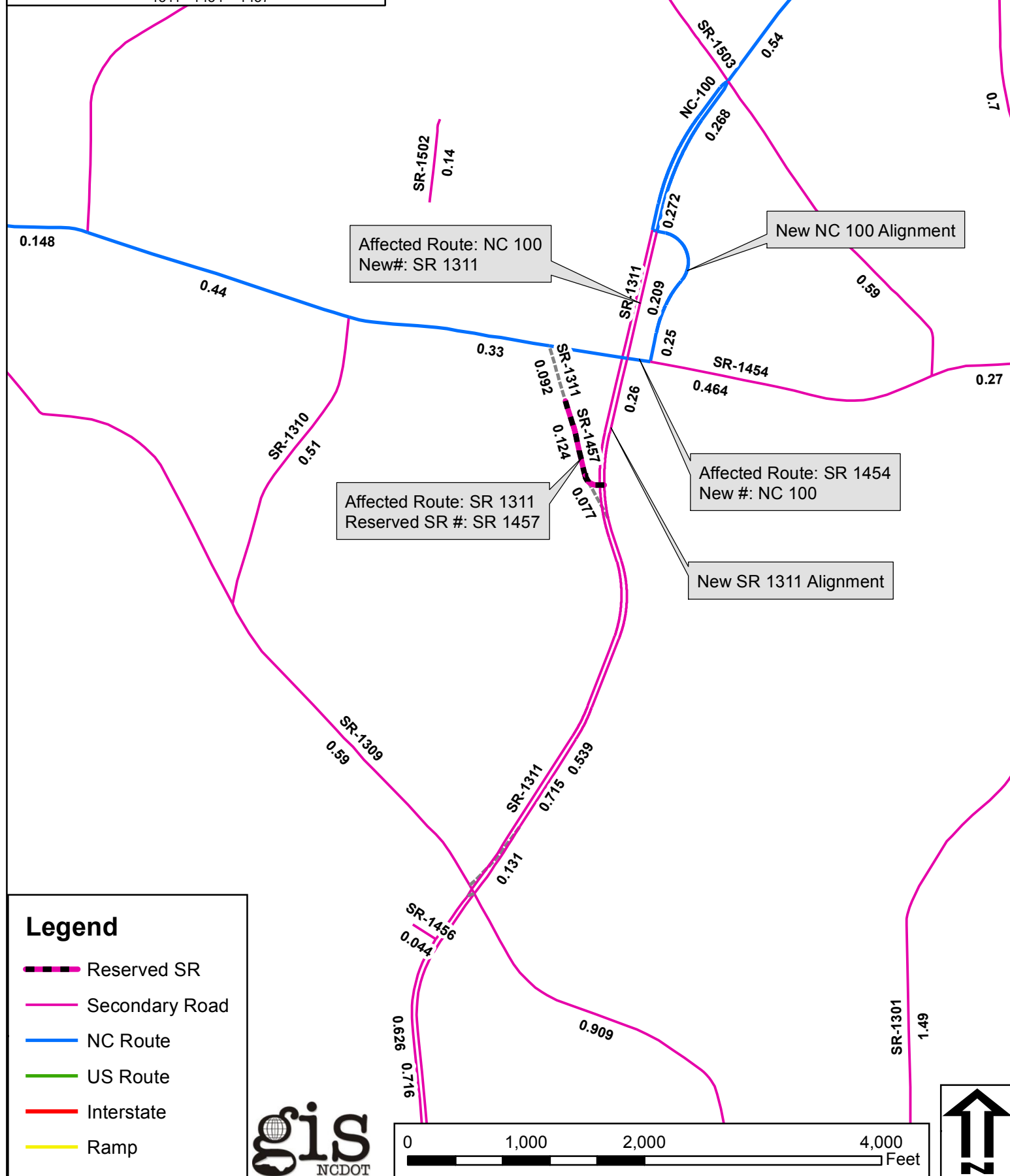
Route: NC 100
County: Alamance County
TIP: U-3110B
Date: 10/1/13





Date: 10/01/13 Affected Route(s): NC 100
1311 1454 1457

1311 1454 1457



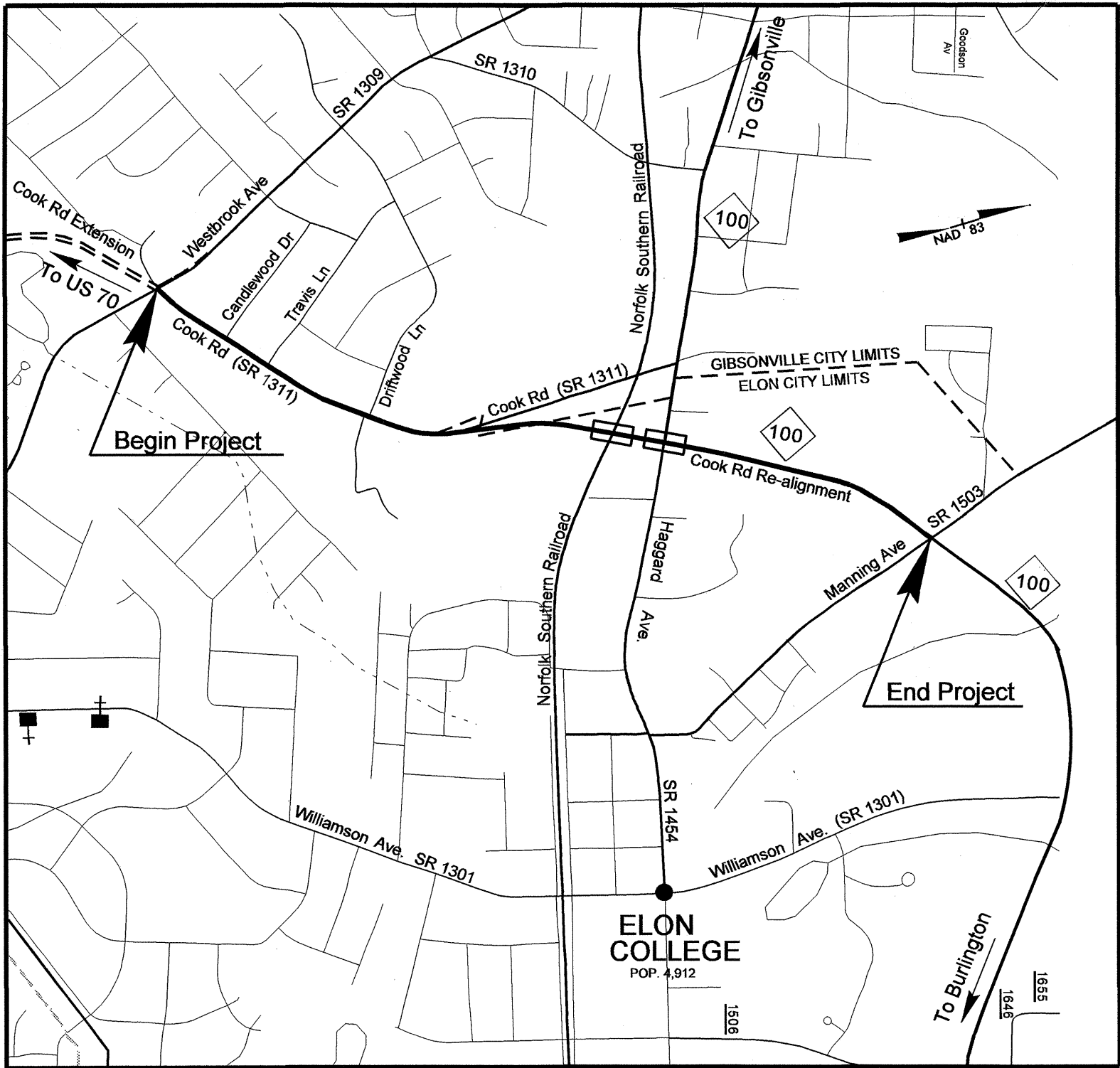
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-3110B	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34901.1.1	STP-0701(7)	P.E.	
34901.2.4	STP-1311(5)	RW, UTIL.	
34901.3.GV2	STP-1311(10)	CONST.	

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

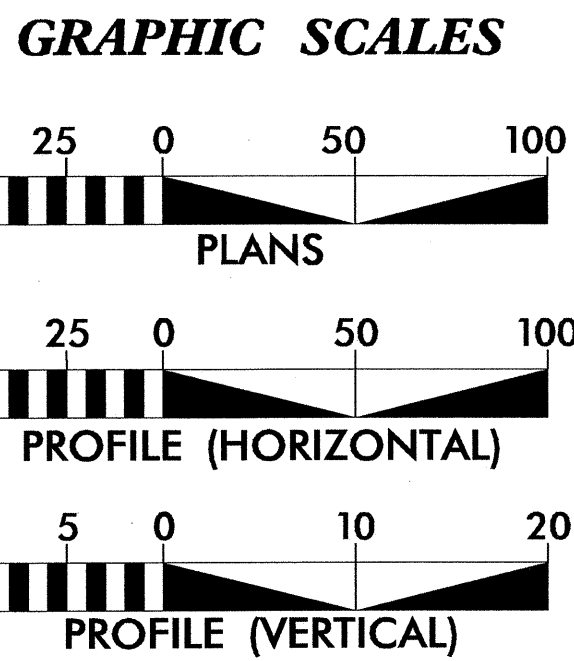
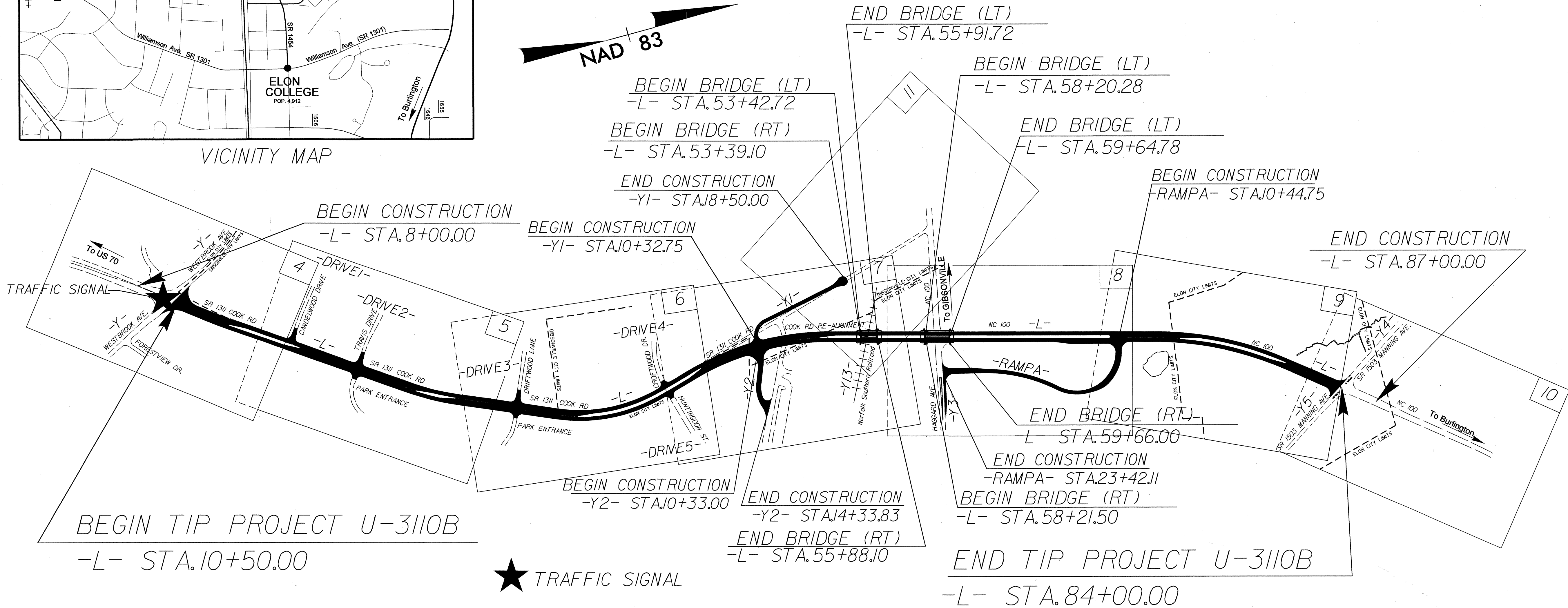
ALAMANCE COUNTY

LOCATION: SR 1311 (COOK RD.) WIDENING AND EXTENSION
FROM SR 1309 (WESTBROOK AVE.) TO NC 100

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



VICINITY MAP



DESIGN DATA

ADT 2010 =	9,367
ADT 2030 =	16,200
DHV =	12 %
D =	65 %
T =	7 % *
V =	50 MPH
* TTST 2% DUAL 5%	
FUNC CLASS =	URBAN COLLECTOR

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT U-3110B =	1.317 MILES
LENGTH OF STRUCTURES TIP PROJECT U-3110B =	0.075 MILES
TOTAL LENGTH OF TIP PROJECT U-3110B =	1.392 MILES

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

2006 STANDARD SPECIFICATIONS	
RIGHT OF WAY DATE: AUGUST 18, 2008	G.E. BREW PROJECT ENGINEER
LETTING DATE: OCTOBER 19, 2010	E L MORRISON PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

8-04-10

Richard L. Bollinger
SIGNATURE

ROADWAY DESIGN ENGINEER

7-27-10

Gregory E. Brew
SIGNATURE

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE HIGHWAY DESIGN ENGINEER

CONTRACT: C202557

TIP PROJECT: U-3110B