



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

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

CERTIFICATION OF RULEMAKING

<b>Certifying Agency:</b> Department of Transportation					
<b>Action:</b>	<input checked="" type="checkbox"/>	Adoption	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Repeal
<b>Statutory Authority:</b> 20-141, 160A-301 (a), 136-18 (5), 20-141.1, 136-30, 136-89.58 (5), 20-161 (a, b), 136-54, 20-140.3 (5).					
<b>Public Hearing Not Required For This Action Under:</b> GS 150A-1, 20-1.					
<b>Rule Summary:</b> No Parking, Rural Speed Zones, Speed Limit in School Zones, Route Changes, School Speed Zone - Rural.					
<b>Circumstances Requiring Rule Adoption, Repeal:</b> Necessary for public safety and welfare.					
<b>Effective Date:</b> March 01, 2012					

March 01, 2012  
DATE

  
OFFICER SIGNATURE

James. K. Lacy, P.E.  
TYPED NAME

State Traffic Engineer  
TITLE



STATE OF NORTH CAROLINA  
**DEPARTMENT OF TRANSPORTATION**

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

## CERTIFICATION OF RULEMAKING

<b>Certifying Agency:</b> Department of Transportation					
<b>Action:</b>	<input checked="" type="checkbox"/>	Adoption	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Repeal
<b>Statutory Authority:</b> 20-141, 160A-301 (a), 136-18 (5), 20-141.1, 136-30, 136-89.58 (5), 20-161 (a, b), 136-54, 20-140.3 (5).					
<b>Public Hearing Not Required For This Action Under:</b> GS 150A-1, 20-1.					
<b>Rule Summary:</b> No Parking, Rural Speed Zones, Speed Limit in School Zones, Route Changes, School Speed Zone - Rural.					
<b>Circumstances Requiring Rule Adoption, Repeal:</b> Necessary for public safety and welfare.					
<b>Effective Date:</b> March 01, 2012					

March 01, 2012

DATE

OFFICER SIGNATURE

James. K. Lacy, P.E.

TYPED NAME

State Traffic Engineer

TITLE

---

## No Parking

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 136-18 (5), 20-140.3 (5), 20-161 (a, b), 136-89.58 (5), 160A-301 (a).

**COUNTY** CATAWBA **DIVISION** 12

### DECLARE THE FOLLOWING

County	Ordinance Number	Route	Description
CATAWBA	1063946	NC 16BUS	Along both sides of NC 16 Bus. from 0.15 mile south of NC 150 northward to NC 150.

### RESCIND THE FOLLOWING

County	Ordinance Number	Route	Description
CATAWBA	1007071	NC 16	Along both sides of NC 16 from a point 0.15 mile south of NC 150 northward to NC150, at Chronicle.

**COUNTY** LINCOLN **DIVISION** 12

### DECLARE THE FOLLOWING

County	Ordinance Number	Route	Description
LINCOLN	1063952	NC 16BUS	Along both side of NC 16BUS from SR 1380 northward to a point 0.15 mile north of SR 1373.
LINCOLN	1063953	NC 16BUS	Along both sides of NC 16BUS from a point 0.06 mile south of SR 1664, northward to a point 0.32 mile north of SR 1664.
LINCOLN	1064039	SR 1782	Along both sides of SR 1782 (Forest Oakes Drive), from a point 0.13 mile west of NC 16BUS eastward to NC 16BUS.
LINCOLN	1064045	SR 1387	Along both sides of SR 1387 from a point 0.12 mile southwest of NC 16BUS northeastward to NC

County	Ordinance Number	Route	Description
--------	------------------	-------	-------------

16BUS.

**RESCIND THE FOLLOWING**

County	Ordinance Number	Route	Description
--------	------------------	-------	-------------

LINCOLN	1026858	NC 16	Along both sides of NC 16 from SR 1380 to a point 800 feet north of SR 1373, in Denver.
LINCOLN	1026863	NC 16	Along both sides of NC 16 from a point 0.06 mile south of SR 1664, north for a distance of 0.38 mile, north of Triangle.
LINCOLN	1026864	SR 1387	Along both sides of SR 1387 from a point 0.12 mile west of NC 16 north to NC 16, north of Triangle.
LINCOLN	1055278	SR 1782	Along both sides of SR 1782 (Forest Oaks Drive), from a point 0.13 mile west of NC 16 eastward to NC 16.

## Rural 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**    CATAWBA                                    **DIVISION**    12

### DECLARE THE FOLLOWING

County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
CATAWBA	1063948	NC 16BUS	45	45	From the Lincoln County Line northward to a point 0.16 mile north of NC 150.
CATAWBA	1063949	SR 1895	25	25	Subdivisionwide - (Tower Rd), from NC 16BUS southwestward to SR 2760 (Sierra Drive)
CATAWBA	1063950	SR 1846	45	45	(Mt. Beulah Road), from NC 16BUS to SR 1815 (Little Mountain Road)
CATAWBA	1063951	SR 1888	45	45	From SR 1855 northward to NC 16 BUS.
CATAWBA	1064070	NC 150	45	45	From the Lincoln County line, eastward to a point 0.12 mile east of NC 16BUS.

### RESCIND THE FOLLOWING

County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
CATAWBA	1007636	NC 16	45	45	From the Lincoln County Line, a point 0.05 mile south of SR 2652 northward to a point 0.16 mile north of NC 150.(Meets engineering warrants for 45 mph zone)
CATAWBA	1007637	NC 150	45	45	From a point 0.20 mile west of SR 1855 eastward to a point 0.12 mile east of NC 16.(Meets engineering warrants for 45 mph zone)

County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
CATAWBA	1007959	SR 1888	45	45	From SR 1855 northward to NC 16.
CATAWBA	1056130	SR 1895	25	25	Subdivisionwide - (Tower Road), from NC 16, southwestward to SR 2760 (Sierra Drive).
CATAWBA	1058834	SR 1846	45	45	(Mt. Beulah Road), from NC 16 to SR 1815 (Little Mountain Road).

COUNTY LINCOLN DIVISION 12

**DECLARE THE FOLLOWING**

County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
LINCOLN	1063954	NC 16BUS	35	35	From a point 0.42 mile north of SR 1379 (Webbs Road), northward to a point 0.12 mile north of SR 1749 (Denver Industrial Park Road)
LINCOLN	1063955	NC 16BUS	45	45	From a point 0.12 mile north of SR 1749 northward to the Catawba County line.
LINCOLN	1063964	NC 16BUS	45	45	From NC 73 northward to a point 0.42 mile north of SR 1379 (Webbs Road).
LINCOLN	1064040	SR 1782	35	35	From its dead end eastward to NC 16BUS.
LINCOLN	1064041	SR 1394	45	45	From its southern intersection with NC 16BUS, northward to its northern intersection with NC 16 BUS.
LINCOLN	1064042	SR 1393	45	45	From NC 16Bus eastward to SR 1395.
LINCOLN	1064043	SR 1590	25	25	Subdivisionwide - (Cherry Point Drive), from NC 16BUS to its dead end, a point 0.28 mile east of SR 1744 (Lucky Creek Lane).
LINCOLN	1064044	SR 1388	45	45	From NC 16BUS northwestward to SR 1380.
LINCOLN	1064046	SR 1387	45	45	From SR 1380 northeastward to NC 16BUS.
LINCOLN	1064047	SR 1439	45	45	From NC 16BUS eastward to its dead end, a point 0.45 mile northeast of SR 1391.

County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
LINCOLN	1064048	SR 1456	25	25	Subdivisionwide - (Lake Shore Road South), from NC 16BUS to SR 1389 (Fairfield Forest Road)
LINCOLN	1064049	SR 1389	45	45	From NC 16BUS eastward to a point 0.49 mile east of NC 16BUS.
LINCOLN	1064050	SR 1957	25	25	Sarah Drive (subdivisionwide) - From NC 16BUS to its dead end, a point 0.32 mile northeast of SR 1958 (Katherine Drive).
LINCOLN	1064051	SR 1771	25	25	Subdivisionwide - Forest Hills Subdivision - From NC 16BUS to its dead end, a point 0.33 mile north of SR 1839.
LINCOLN	1064052	SR 1386	35	35	From NC 16BUS to SR 1373.
LINCOLN	1064053	SR 1386	45	45	From NC 16BUS southward to NC 73.
LINCOLN	1064054	SR 1373	45	45	(Campground Road) from SR 1360 eastward to NC 16BUS.
LINCOLN	1064055	SR 1373	35	35	From NC 16BUS northward to a point 0.26 mile north of SR 1374
LINCOLN	1064056	SR 1749	35	35	From NC 16BUS northward to its dead end, a point 0.35 mile north of NC 16BUS.
LINCOLN	1064057	SR 1758	35	35	From NC 16BUS northward to its dead end, a point 0.11 mile north of NC 16BUS.
LINCOLN	1064058	SR 1349	45	45	From NC 16BUS westward to a point 0.2 mile east of SR 1910.
LINCOLN	1064059	SR 1372	45	45	From NC 16Bus, to the Catawba County Line.

**RESCIND THE FOLLOWING**

County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
LINCOLN	1026937	SR 1389	45	45	From NC 16, eastward to Golf Course (NS), a point 0.49 mile east of NC 16, east of Lincolnton.

County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
LINCOLN	1026945	SR 1439	45	45	From NC 16 eastward to its dead-end, a point 0.45 mile northeast of SR 1391, east of Triangle.
LINCOLN	1027024	SR 1393	45	45	From NC 16 eastward to SR 1395.
LINCOLN	1027026	SR 1394	45	45	From its southern intersection with NC 16, northward to its northern intersection with NC 16, near Triangle.
LINCOLN	1027056	SR 1782	35	35	From its west end to NC 16.
LINCOLN	1027081	SR 1387	45	45	From SR 1380 to NC 16.
LINCOLN	1027082	SR 1388	45	45	From NC 16 to SR 1380.
LINCOLN	1027085	SR 1749	35	35	From NC 16 to its end.
LINCOLN	1027086	SR 1758	35	35	From NC 16 to its end.
LINCOLN	1027110	SR 1373	45	45	From SR 1360 to NC 16.
LINCOLN	1027114	SR 1771	25	25	Subdivisionwide - Forrest Hills Subdivision -from NC 16 to its ends.
LINCOLN	1027144	SR 1386	35	35	From NC 16 to SR 1373.
LINCOLN	1027163	SR 1372	45	45	From NC 16, to the Catawba County Line, a point 0.2 mile east of NC 16.
LINCOLN	1051505	SR 1373	35	35	(Campground Road) from NC 16 northward to a point 0.26 mile north of SR 1374.
LINCOLN	1052814	NC 16	35	35	From a point 0.42 mile north of SR 1379 (Webbs Road) northward to a point 0.12 mile north of SR 1749 (Denver Industrial Park Road).
LINCOLN	1052819	NC 16	45	45	From a point 0.12 mile north of SR 1749 (Denver Industrial Park Road) northward to Catawba County, a point 0.55 mile north of SR 1372 (Grassy Creek Road).
LINCOLN	1054203	SR 1349	45	45	King Wilkinson Road / Mundy Road from NC 16 westward to a point 0.20 mile east of SR 1910 (Delling Downs Drive).



County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
LINCOLN	1054766	SR 1386	45	45	(St. James Church Road / Little Egypt Road), from NC 16 southward to NC 73.
LINCOLN	1057152	NC 16	45	45	From NC 73 northward to a point 0.42 mile north of SR 1379 (Webbs Road).
LINCOLN	1060459	SR 1456	25	25	Subdivisionwide - (Lake Shore Road South), from NC 16 to SR 1389 (Fairfield Forest Road).
LINCOLN	1060655	SR 1957	25	25	Sarah Drive (Subdivisionwide) - From NC 16 to its dead end, a point 0.32 mile northeast of SR 1958 (Katherine Drive).
LINCOLN	1061032	SR 1590	25	25	Subdivisionwide - (Cherry Point Drive), from NC 16 to its dead-end, a point 0.28 mile east of SR 1744 (Lucky Creek Lane).

## Speed Limit in School 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 20-141.1.

**COUNTY** LINCOLN                                      **DIVISION** 12

**RESCIND THE FOLLOWING**

County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
LINCOLN	1052818	NC 16	25	25	From a point 0.47 mile south of SR 1373 (Campground Road) northward to a point 0.17 mile south of SR 1373 (Campground Road) for Rock Springs Elementary School from 30 minutes before to 30 after school begins and ends on school days only.

**School Speed Zone - Rural**

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 20-141.1.

**COUNTY** LINCOLN    **DIVISION** 12

**DECLARE THE FOLLOWING**

County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
LINCOLN	1064038	NC 16BUS	25	25	From a point 0.47 mile south of SR 1373 (Campground Road) northward to a point 0.17 mile south of SR 1373 (Campground Road) for Rock Springs Elementary School from 30 minutes before to 30 minutes after school begins and ends on school days only.

---

## 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** CATAWBA                                 **DIVISION** 12

### DECLARE THE FOLLOWING

County	Ordinance Number	Route	Long Description
CATAWBA	1063547	NC 16	Add NC 16 along new alignment between the Lincoln County line and existing NC 16 (approximately 0.313 miles northwest of realigned SR 1895). Projects R-2206B, R-2206BA, R-2206C, and R-2206CA.
CATAWBA	1063548	NC 16	Delete existing NC 16 (remove pavement) between SR 2790 and 0.418 miles northwest of SR 2790. Projects R-2206B, R-2206BA, R-2206C, and R-2206CA.
CATAWBA	1063549	NC 16	Delete existing NC 16 and replace with NC 16 Business between the Lincoln County line and SR 2790. Projects R-2206B, R-2206BA, R-2206C, and R-2206CA.
CATAWBA	1063550	NC 16BUS	Add NC 16 Business to replace existing NC 16 between the Lincoln County line and SR 2790. Projects R-2206B, R-2206BA, R-2206C, and R-2206CA.
CATAWBA	1063551	NC 16BUS	Add NC 16 Business along new alignment between SR 2790 and NC 16, SR 1895 (new alignment). Projects R-2206B, R-2206BA, R-2206C, and R-2206CA.
CATAWBA	1063552	SR 1895	Delete existing SR 1895 (remove pavement) between NC 16 (old alignment) and 0.182 mile southwest of NC 16 (old alignment). Projects R-2206B, R-2206BA, R-2206C, and R-2206CA.
CATAWBA	1063553	SR 1895	Add SR 1895 along new alignment between NC 16, NC 16 Business (new alignment) and 0.224 mile

County	Ordinance Number	Route	Long Description
--------	------------------	-------	------------------

northwest of NC 16, NC 16 Business (new alignment). Projects R-2206B, R-2206BA, R-2206C, and R-2206CA.

COUNTY LINCOLN DIVISION 12

**DECLARE THE FOLLOWING**

County	Ordinance Number	Route	Long Description
--------	------------------	-------	------------------

LINCOLN	1063543	NC 16	Add NC 16 along new alignment between NC 73 and the Catawba County line. Projects R-2206B, R-2206BA, R-2206C, and R-2206CA.
LINCOLN	1063544	NC 16	Delete existing NC 16 and retain existing NC 73 between NC 16 (new alignment interchange) and NC 16 Business. Projects R-2206B, R-2206BA, R-2206C, and R-2206CA.
LINCOLN	1063545	NC 16	Delete existing NC 16 and replace with NC 16 Business between NC 73 and the Catawba County line. Projects R-2206B, R-2206BA, R-2206C, and R-2206CA.
LINCOLN	1063546	NC 16BUS	Add NC 16 Business to replace existing NC 16 between NC 73 and the Catawba County line. Projects R-2206B, R-2206BA, R-2206C, and R-2206CA.

The foregoing Highway Traffic Ordinances are hereby adopted in accordance with the General Statutes of North Carolina (20-141, 160A-301 (a), 136-18 (5), 20-141.1, 136-30, 136-89.58 (5), 20-161 (a, b), 136-54, 20-140.3 (5)).

**All the actions to the Highway Traffic Ordinances herein adopted are effective March 01, 2012 and are identified as follows:**

<b>ORDINANCE TYPE</b>	<b>ADOPT</b>	<b>REPEAL</b>
No Parking	5	5
Rural Speed Zones	27	27
Speed Limit in School Zones	0	1
Route Changes	11	0
School Speed Zone - Rural	1	0
<b>Total</b>	<b>44</b>	<b>33</b>

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.

March 01, 2012

**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 (20-141, 160A-301 (a), 136-18 (5), 20-141.1, 136-30, 136-89.58 (5), 20-161 (a, b), 136-54, 20-140.3 (5)).

All the actions to the Highway Traffic Ordinances herein adopted are effective March 01, 2012 and are identified as follows:

ORDINANCE TYPE	ADOPT	REPEAL
No Parking	5	5
Rural Speed Zones	27	27
Speed Limit in School Zones	0	1
Route Changes	11	0
School Speed Zone - Rural	1	0
<b>Total</b>	<b>44</b>	<b>33</b>

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.

March 01, 2012

DATE



OFFICER SIGNATURE

James. K. Lacy, P.E.

TYPED NAME

State Traffic Engineer

TITLE

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 16

County/s: Lincoln and Catawba

Division/s: 12 TIP Project/s: R-2206 BA-CA and R-2206C

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

NC 16 from NC 73 in Lincoln County to NC 16 Bus. in Catawba Co.

NC 16 Bus. from NC 73 in Lincoln County to NC 16 in Catawba Co.

Reason/Justification for this route change:

R-2206 project nearing completion

Requestor Name: J. A. Hamrick Date: 6/14/11

Requestor Signature: J. A. Hamrick

State Traffic Engineer (initial approval): [Signature] Date: 7/5/2011

Attachments: Map/s

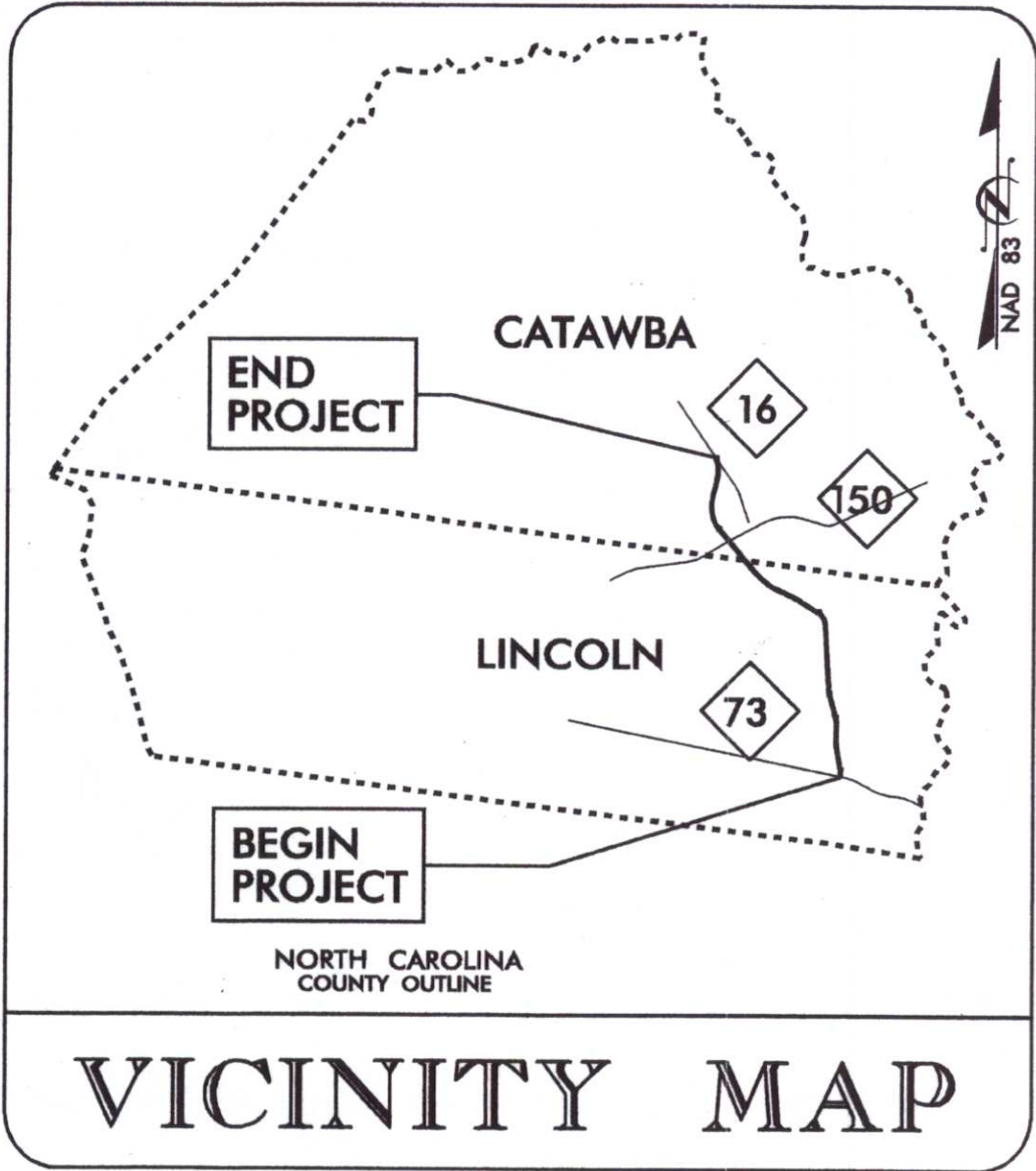
cc: Ordinance Program Coordinator



9/09/99

# TIP: R2206BA&CA

See Sheet 1-A For Index of Sheets



# L

TO CHARLOTTE

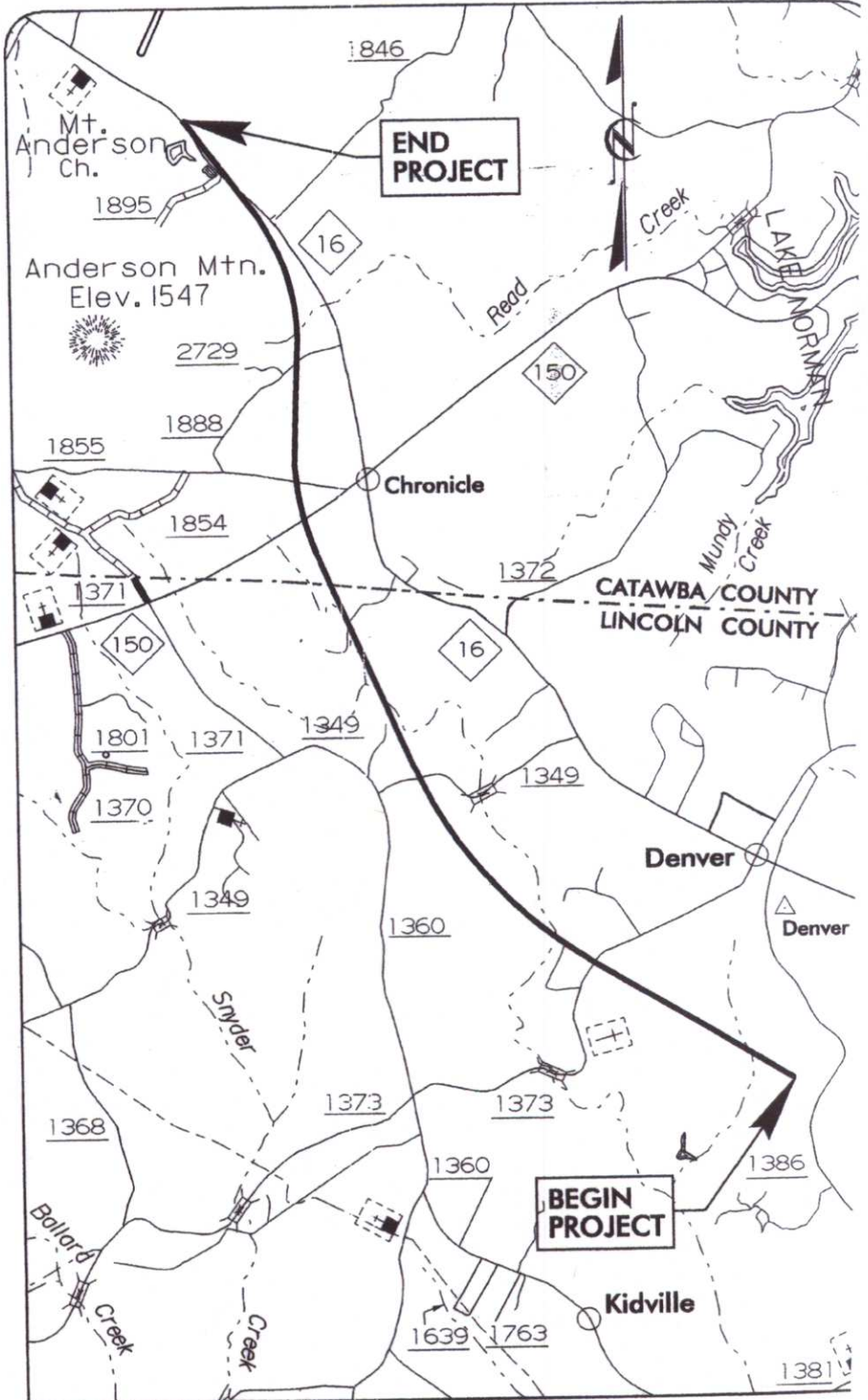
-L- STA. 102 + 80.0  
BEGIN TIP PROJECT

MATCHLINE A

9/09/99

# TIP PROJECT: R-2206C

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



## VICINITY MAP

# NC 16 Bus



**Roach, Renee B**

---

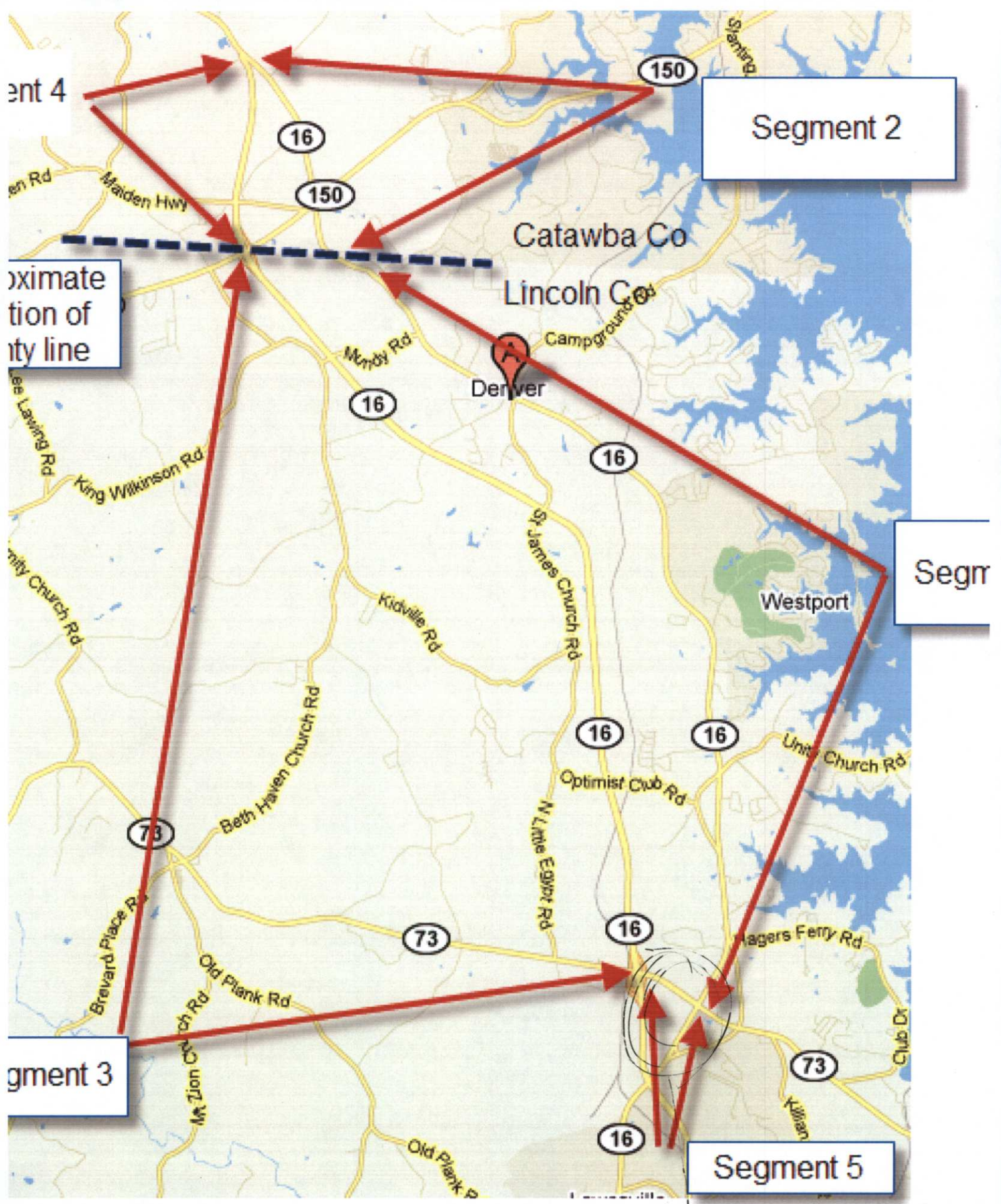
**From:** Hamrick, James A  
**Sent:** Tuesday, June 14, 2011 11:18 AM  
**To:** Roach, Renee B  
**Subject:** NC 16 route change request form and maps  
**Attachments:** NC 16 route change package.pdf

Renee,

Please see the attached form and maps. Let me know if you need additional info.

J. A. Hamrick, P. E.  
Regional Traffic Engineer  
Transportation Mobility and Safety Division High Country and Foothills Region

Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.



ent 4

Segment 2

Approximate location of city line

Segr

gment 3

Segment 5

ask Jimmy



**NC 16**

**NC 16 Bus**

Laneys Airport

Denver

Westport

Lake Norman

Map labels include: Laneys Airport, E Maiden Rd, Maiden Hwy, Lee Lawing Rd, King Wilkinson Rd, Airtty Church Rd, Curmece Rd, Brevard Place Rd, Mt Zion Church Rd, Old Plank Rd, Beth Haven Church Rd, Kodale Rd, N Little Egypt Rd, Optimist Club Rd, Campground Rd, McJdy Rd, St James Church Rd, Denver, Bridge Rd, Hagers Ferry Rd, Lily Church Rd, Club Dr, Willow Farm Rd, and various highway markers (150, 16, 73).

### Segment Worksheet for Route Change Requests

This form shall be completed for each segment in each county associated with the route change requests and attached to the route change request form (use additional sheets as necessary for route changes having more than five (5) segments).

Route change (i.e. US 17 in Craven/Jones counties): NC 16 Lincoln/Catawba Counties

Date: 6/27/11

	1	2	3	4	5	
Location	1. Segment number (1, 2, 3, etc. - must match map):	NC 16	NC 16	N/A	NC 16/NC 73	
	2. Existing route number (or N/A if new alignment):	4.120	0.000	N/A	3.453	
	3. Beginning milepost from TEAAS features report (or N/A if new alignment):	13.209	N/A	N/A	4.120	
	4. Ending milepost from TEAAS features report (or N/A if new alignment):	NC 16 Bus.	NC 16 Bus.	NC 16	NC 16	
	5. Proposed route number (or state "New SR"):	C	C	N	N	C
Networks	6. Current facility type ( <u>F</u> reeway, <u>A</u> rterial, <u>C</u> ollector, <u>L</u> ocal, <u>N</u> ew alignment):	C	C	A	C	
	7. Proposed facility type ( <u>F</u> reeway, <u>A</u> rterial, <u>C</u> ollector, <u>L</u> ocal):	T	T	N/A	B	
	8. Current <u>S</u> trategic <u>H</u> ighway <u>C</u> orridor type ( <u>F</u> reeway, <u>E</u> xpressway, <u>B</u> oulevard, <u>T</u> horoughfare, or <u>N/A</u> ):	N/A	N/A	E	B	
	9. Proposed <u>S</u> trategic <u>H</u> ighway <u>C</u> orridor type ( <u>F</u> reeway, <u>E</u> xpressway, <u>B</u> oulevard, <u>T</u> horoughfare, or <u>N/A</u> ):	N/A	N/A	N/A	N/A	
	10. Current <u>N</u> ational <u>H</u> ighway <u>S</u> ystem route type (see note for codes):	N/A	N/A	N/A	N/A	
	11. Proposed <u>N</u> ational <u>H</u> ighway <u>S</u> ystem route type (see note for codes):	N	N	N	N	
	12. Is the proposed route a <u>H</u> igh <u>P</u> riority <u>C</u> orridor ( <u>Y</u> es or <u>N</u> o)?	N	N	N	N	
	13. Is the existing route a transit route ( <u>Y</u> es, <u>N</u> o, or <u>N/A</u> )?	N	N	N	N	
	14. Does the existing route carry a <u>U</u> S or <u>N</u> C bicycle route (indicate <u>r</u> oute <u>n</u> umber/s or <u>N/A</u> )?	N	N	N	N	
	15. Is the existing route a <u>l</u> ight <u>t</u> raffic <u>r</u> oad ( <u>Y</u> es, <u>N</u> o, or <u>N/A</u> )?	N	N	N	N	
	16. Is the existing route a <u>S</u> TAA red line ( <u>Y</u> es, <u>N</u> o, or <u>N/A</u> )?	N	N	N/A	N/A	
	Trucks	17. Does the existing route currently allow STAA reasonable access ( <u>Y</u> es, <u>N</u> o, or <u>N/A</u> )? If "yes" then list all application numbers in item 36.	Y	y	N	N
		18. Does the existing route have any ordinance truck restrictions ( <u>Y</u> es, <u>N</u> o, or <u>N/A</u> )? If "yes" then list the ordinance number/s in item 36.	N	N	N	N
		19. Can the proposed route accommodate 53' semitrailers ( <u>Y</u> es, <u>N</u> o, or <u>N/A</u> if a proposed primary)?	N/A	N/A	N/A	N/A
		20. Can the proposed route accommodate twin trailers ( <u>Y</u> es or <u>N</u> o)?	N/A	N/A	N/A	Y

### Segment Worksheet for Route Change Requests

Route change (i.e. US 17 in Craven/Jones counties): NC 16 Lincoln/Catawba Counties

Date: 6/27/11

Features	N	N	N	N/A	N/A	N	N	N/A	N/A	N
21. Are there any at-grade railroad crossings affected by this proposed route change (Yes, <u>No</u> , or <u>N/A</u> )? If "yes" then list the crossing numbers in item 36.										
22. Are there any bridges affected by this proposed route change (Yes, <u>No</u> , or <u>N/A</u> )? If "yes" then list the bridge numbers in item 36.	Y					N		N/A	N/A	N
23. Pavement type ( <u>Heavy Duty</u> , <u>Intermediate</u> , <u>Low Duty</u> , <u>Not Paved</u> ):	I					I		H	H	I
24. Pavement condition ( <u>Excellent</u> , <u>Good</u> , <u>Fair</u> , <u>Poor</u> ):	G					G		E	E	G
25. Are there any pavement width deficiencies (Yes, <u>No</u> , or <u>N/A</u> )?	N					N		N	N	N
26. Are there any shoulder width deficiencies (Yes, <u>No</u> , or <u>N/A</u> )?	N					N		N	N	N
27. Are there any roadway width deficiencies on/under structures (Yes, <u>No</u> , or <u>N/A</u> )?	N					N		N	N	N
28. Are there any H-loading (weight) deficiencies on structures (Yes, <u>No</u> , or <u>N/A</u> )?	N					N		N	N	N
29. Are there any vertical sight distance deficiencies (Yes, <u>No</u> , or <u>N/A</u> )?	N					N		N	N	N
30. Are there any horizontal curvature deficiencies (Yes, <u>No</u> , or <u>N/A</u> )?	N					N		N	N	N
31. Are there any percent grade deficiencies (Yes, <u>No</u> , or <u>N/A</u> )?	N					N		N	N	N
32. Proposed speed limit:	45					45		55	55	45
Other non-speed limit proposed ordinances (if any) - all segments:										
33.										
Ordinances										
34.	Active and approved ordinance/s on the existing route (list <u>all</u> ordinance numbers for <u>all</u> segments): Segment 1 Ordinance Numbers: 1026858,1026863,1052814,1052819,1057152,1052818. Segment 2 Ordinance numbers:,1007071,1007636.									
35.	Active and approved ordinance/s on side roads referencing the existing route/s (list <u>all</u> ordinance numbers for <u>all</u> segments): Segment 1 reference ordinance numbers: 1055278,1027056,1027026,1027024,1061032,1027082,1026864,1027081,1026945,1060459,1026937,1060655,1027114,1027144,1054766,1027110,1051505,1027085,1027086,1054203,1027163,1027163. Segment 2 reference ordinance numbers:1056130,1058834,1007959.									



### Segment Worksheet for Route Change Requests

Route change (i.e. US 17 in Craven/Jones counties): NC 16 Lincoln/Catawba Counties

Date: 6/27/11

36.	<p>Enter all additional comments here. Include reasonable access application numbers (from item 17), truck restriction ordinance numbers (from item 18), at-grade railroad crossing numbers (from item 21), and bridge numbers (from item 22). Also include a description of any AASHTO deficiencies (identified in items 25 through 31) and their location, length, percent, etc. Also include any known design exceptions (and attach, if available).</p> <p>Segment 1 and 2: Reasonable Access # 2002 Segment 1 Bridge # 21. Segment 1 has a county bike route from SR 1394 to SR 1373</p>
Comments	

**Roach, Renee B**

---

**From:** Hamrick, James A  
**Sent:** Monday, June 27, 2011 11:21 AM  
**To:** Roach, Renee B  
**Subject:** NC 16 Route Change forms/maps  
**Attachments:** NC 16 route change request.xls; NC 16 Route Change Map 2.png; NC 16 Route Change Map.jpg

Renee,

See attached documentation for the NC 16 route change in Lincoln/Catawba Counties.

Let me know if you need additional info.

J. A. Hamrick, P. E.  
Regional Traffic Engineer  
Transportation Mobility and Safety Division High Country and Foothills Region

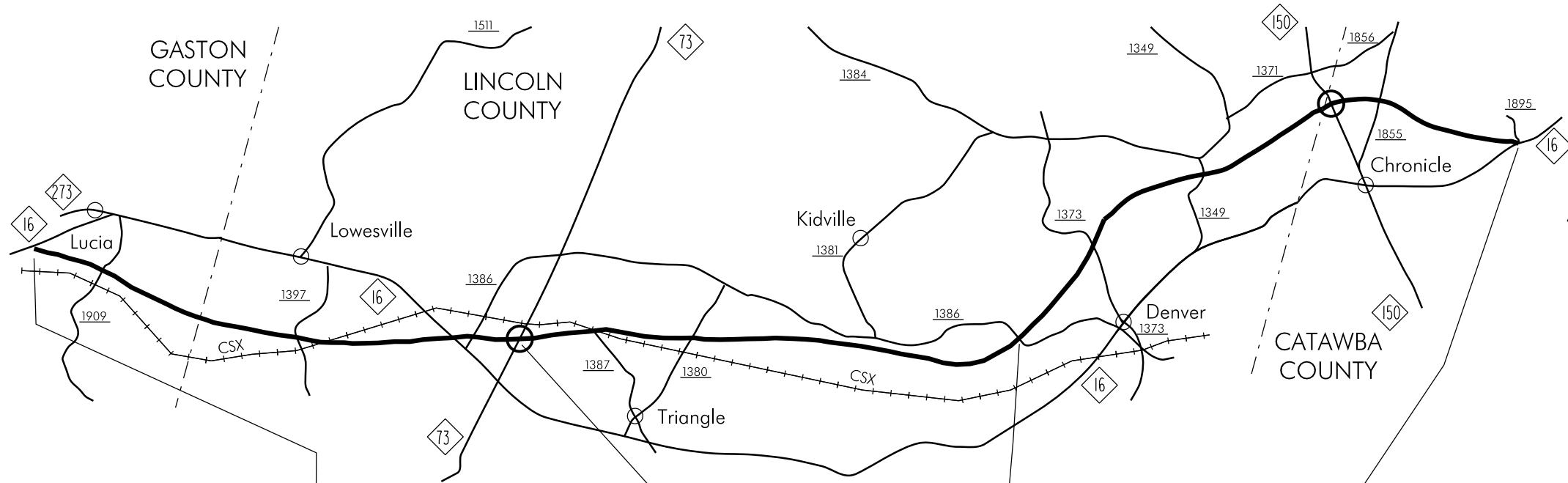
Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

# R-2206 GASTON, LINCOLN & CATAWBA COUNTIES

PROJECT  
BREAKDOWN  
MAP

NC-16 RELOCATION

PROJECT SCHEDULES AND COSTS ARE ACCURATE AS OF DATE SHOWN



R-2206




	COMPLETE	COMPLETE	COMPLETE	LET	COMPLETE	LET
I.D. NO. / D.S.R. NO.	R-2206 A	R-2206 AA	R-2206 B	R-2206 BA	R-2206 C	R-2206 CA
STATE PROJECT NO. (P.E.)	8.1830501	8.1830501	8.1830501	8.1830501	8.1830501	8.1830501
PROJECT ENGINEER	J. MOORE	J. MOORE	BRUTON	J. MOORE	J. MOORE	J. MOORE
PROJECT DESCRIPTION	NC 16 S. OF LUCIA TO NC 73	NC 16 S. OF LUCIA TO NC 73	NC 16 FROM NC 73 TO SR 1386	NC 16 FROM NC 73 TO SR 1386	NC 16 FROM SR 1386 TO SR 1895	NC 16 FROM SR 1386 TO SR 1895
COUNTY / DIVISION	GASTON & LINCOLN / DIV. 12	GASTON & LINCOLN / DIV. 12	GASTON & LINCOLN / DIV. 12	GASTON & LINCOLN / DIV. 12	LINCOLN & CATAWBA/DIV. 12	LINCOLN & CATAWBA/DIV. 12
LENGTH	5.9 ML.	5.9 ML.	4.7 ML.	4.7 ML.	5.8 ML.	5.8 ML.
TYPE OF CONTRACT	GRADING	PAVING	GRADING	PAVING	GRADING	PAVING
REMARKS						
BEGIN R/W ACQUISITION (T.I.P.)	6-98		10-99		12-02	
BEGIN R/W ACQUISITION (PRODUCTION)						
PROPOSED LETTING (T.I.P.)	7-01	12-04	11-04	9-08	11-04	9-08
PROPOSED LETTING (PRODUCTION)						
EST. COMP. DATE (T.I.P.)	5-05	7-07	4-08	11-11	4-08	11-11
ESTIMATED R/W COST / UTILITY COST	\$ 6,800,000		\$ 5,500,000		\$ 5,500,000	
ESTIMATED CONSTRUCTION COST	\$ 24,500,000	\$ 13,800,000	\$ 21,700,000	\$ 14,200,000	\$ 27,900,000	\$ 15,700,000

9/08/09

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

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS



ALL DIMENSIONS IN THESE PLANS ARE IN METERS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2206BA&CA	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34383.1.1	STP-F-24-1(34)	P.E.	
34383.3.7	STP-0016(39)	CONSTR.	

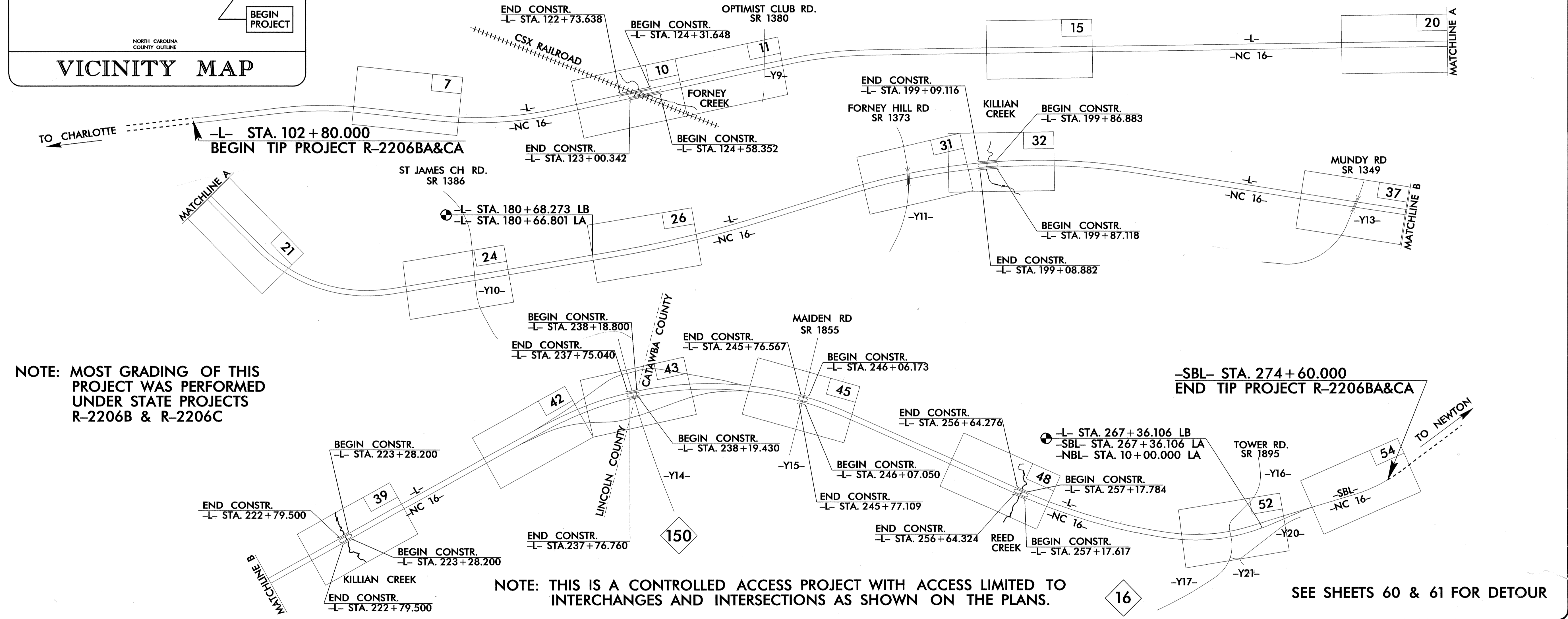
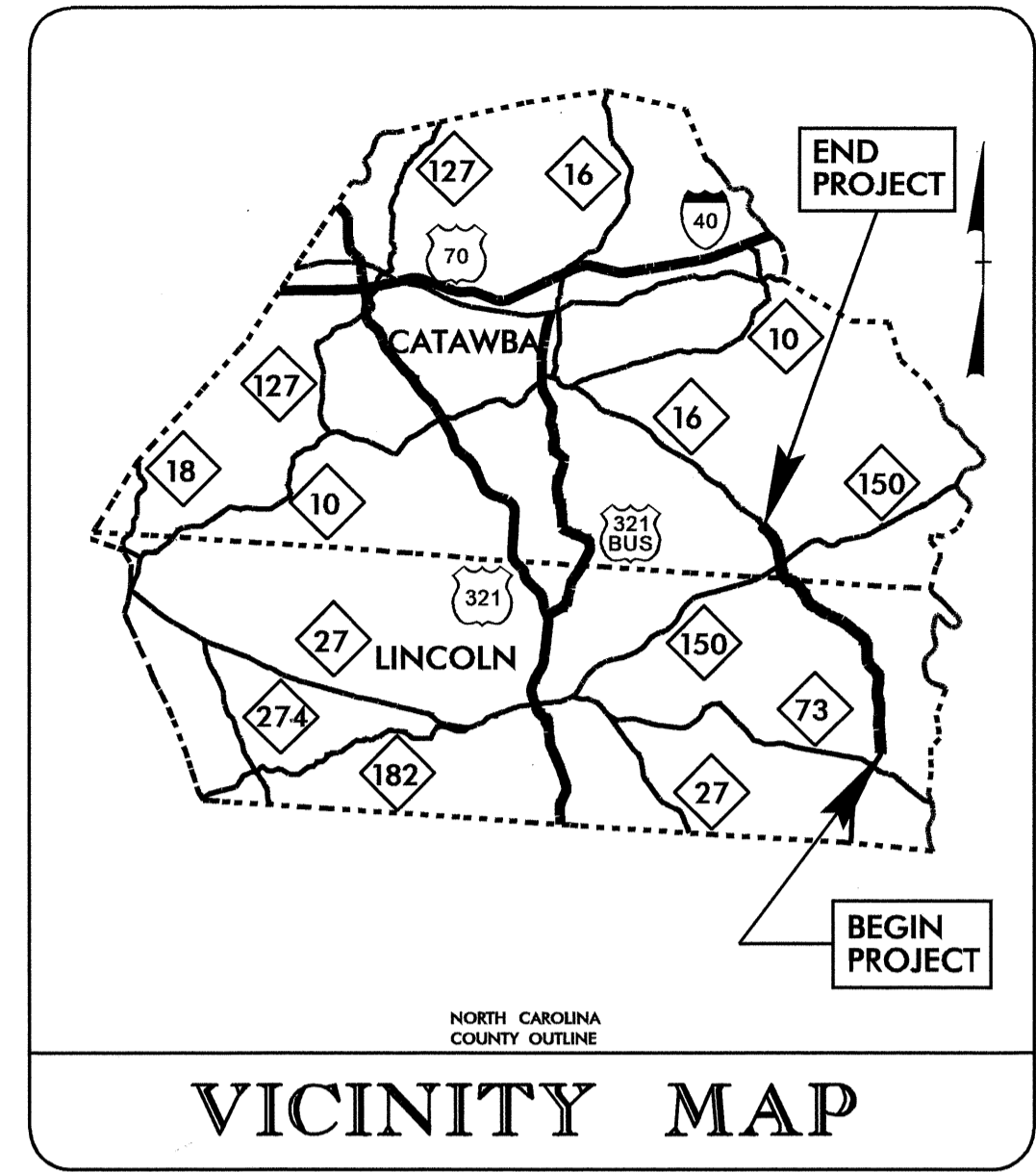
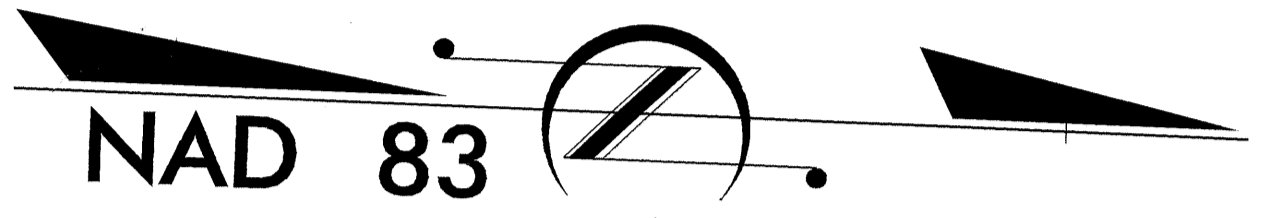
**PROJECT: C201900**

**TIP: R2206BA&CA**

## LINCOLN & CATAWBA COUNTIES

**LOCATION:** NC 16 BYPASS FROM NORTH OF NC 73 IN LINCOLN CO. TO NC 16 NORTH OF SR 1895 NEAR CHRONICLE IN CATAWBA CO.

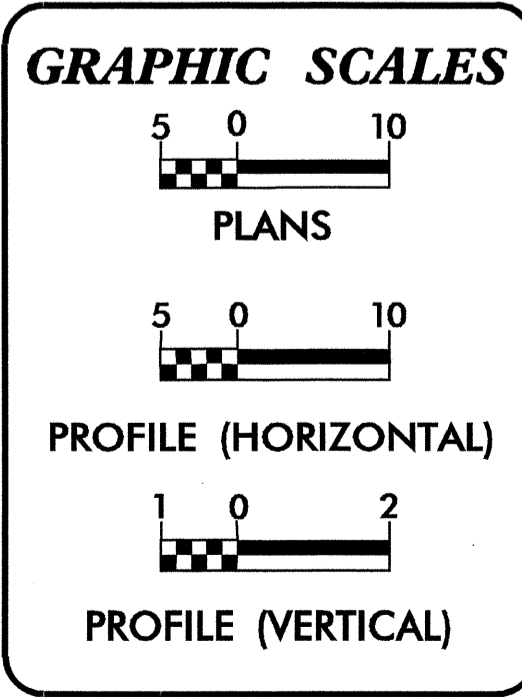
**TYPE OF WORK:** GRADING, DRAINAGE, PAVING, SIGNING AND SIGNALS



NOTE: MOST GRADING OF THIS PROJECT WAS PERFORMED UNDER STATE PROJECTS R-2206B & R-2206C

NOTE: THIS IS A CONTROLLED ACCESS PROJECT WITH ACCESS LIMITED TO INTERCHANGES AND INTERSECTIONS AS SHOWN ON THE PLANS.

SEE SHEETS 60 & 61 FOR DETOUR



**DESIGN DATA**

ADT 2007	=	13,568
ADT 2030	=	22,298
DHV	=	11 %
D	=	62 %
T	=	13 % *
V	=	100 km/h
* TTST	7%	DUAL 7%

**PROJECT LENGTH**

LENGTH OF ROADWAY TIP PROJECT R-2206BA&CA	=	16.770 Km*
LENGTH OF STRUCTURE TIP PROJECT R-2206BA&CA	=	0.000 Km
TOTAL LENGTH OF TIP PROJECT R-2206BA&CA	=	16.770 Km

\* -SBL- ALIGNMENT USED TO CALCULATE LENGTH  
\*\* STRUCTURES COMPLETED UNDER PROJECT R-2206B & R-2206C

Prepared In the Office of:

**DIVISION OF HIGHWAYS**  
1000 Birch Ridge Dr., Raleigh, NC 27610

2006 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: N/A

LETTING DATE: SEPTEMBER 16, 2008

JASON MOORE, PE  
PROJECT ENGINEER

JEANIE TYSON  
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

ROADWAY DESIGN ENGINEER

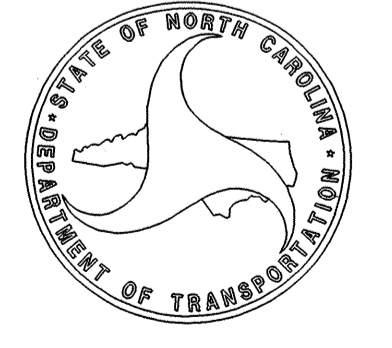
4/19/08

Andrew J. Moore

SEAL 022000

SEAL 22007

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA



Andrew J. Moore  
STATE HIGHWAY DESIGN ENGINEER

18-JUN-2008 15:31  
F:\roadway\nc\01\2206ba\_rdy\_tsh.dgn



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

Thursday, February 10, 2011

EUGENE A. CONTI, JR  
SECRETARY

**MEMORANDUM TO:** Mr. Michael L. Holder, PE  
Division Engineer  
Division 12

**FROM:** John C. Farley, Manager  
Geographic Information Systems Unit

**SUBJECT:** 2011 District 3 Road System Changes

The Data Conversion Group has been authorized to make the following changes to the state road system as indicated below. We request that you make similar changes to the related maps and files in your Division and District offices, and install appropriate road number signs if necessary. we have updated our records accordingly. If our system changes do not conform to the actual conditions in the field, please return this memorandum with recommendations.

Document Number	County	Approval Date
R-2206B	LINCOLN	12/17/2007

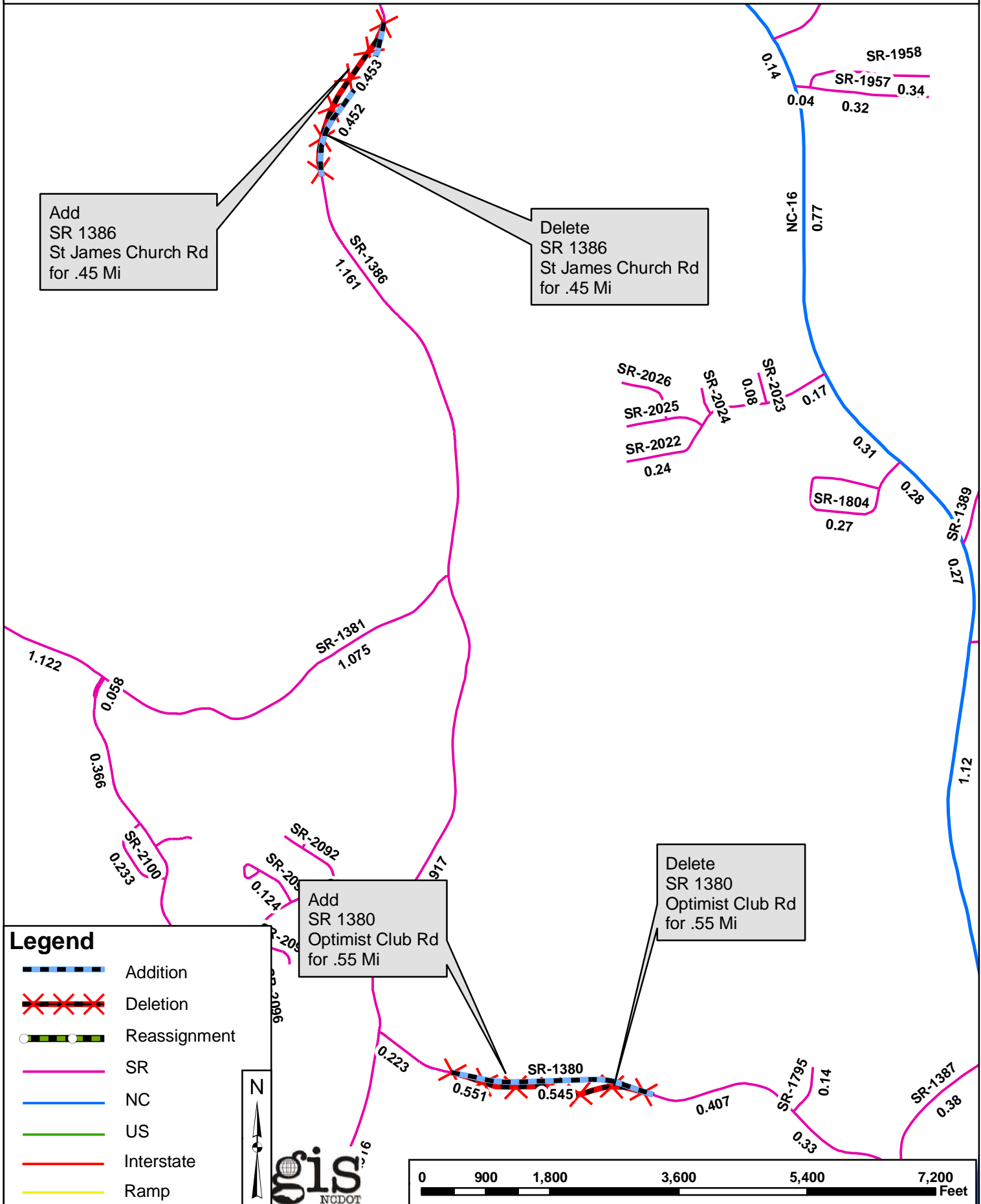
Inquiries about changes should be referred to the GIS Help Desk at (919) 707-2152.  
Thank you for your assistance.

JCF

- cc: BSIP
- Bridge Maintenance
- Division Right of Way
- IMG
- Pavement Management
- Permit Unit
- State Road Maintenance
- Traffic Engineering
- Traffic Surveys

# 2011 ROAD SYSTEM CHANGES

<b>DOCUMENT NUMBER</b>	<b>COUNTY</b>	<b>APPROVAL DATE</b>	<b>NEW NUMBER</b>	<b>EXISTING NUMBER</b>	<b>STREET NAME</b>	<b>LENGTH (miles)</b>	<b>TYPE OF CHANGE</b>	<b>REMARKS (See Attached Map)</b>
R-2206B	LINCOLN	12/17/2007		SR 1386	ST JAMES CHURCH RD	0.45	SYSTEM DELETION VIA TIP	MAP , SEGMENT
R-2206B	LINCOLN	12/17/2007		SR 1386	ST JAMES CHURCH RD	0.45	SYSTEM ADDITION - EXISTING VIA TIP	MAP , SEGMENT
R-2206B	LINCOLN	12/17/2007		SR 1380	OPTIMIST CLUB RD	0.55	SYSTEM DELETION VIA TIP	MAP , SEGMENT
R-2206B	LINCOLN	12/17/2007		SR 1380	OPTIMIST CLUB RD	0.55	SYSTEM ADDITION - EXISTING VIA TIP	MAP , SEGMENT





STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

Tuesday, February 01, 2011

EUGENE A. CONTI, JR.  
SECRETARY

**MEMORANDUM TO:** Mr. Michael L. Holder, PE  
Division Engineer  
Division 12

**FROM:** John C. Farley, Manager  
Geographic Information Systems Unit

**SUBJECT:** 2011 District 3 Road System Changes

The Data Conversion Group has been authorized to make the following changes to the state road system as indicated below. We request that you make similar changes to the related maps and files in your Division and District offices, and install appropriate road number signs if necessary. We have updated our records accordingly. If our system changes do not conform to the actual conditions in the field, please return this memorandum with recommendations.

Document Number	County	Approval Date
R-2206C_54	LINCOLN	12/17/2007

Inquiries about changes should be referred to the GIS Help Desk at (919) 707-2152.  
Thank you for your assistance.

JCF

cc: BSIP  
Bridge Maintenance  
Division Right of Way  
IMG  
Pavement Management  
Permit Unit  
State Road Maintenance  
Traffic Engineering  
Traffic Surveys

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
GEOGRAPHIC INFORMATION SYSTEMS  
1521 MAIL SERVICE CENTER  
RALEIGH NC 27699-1521

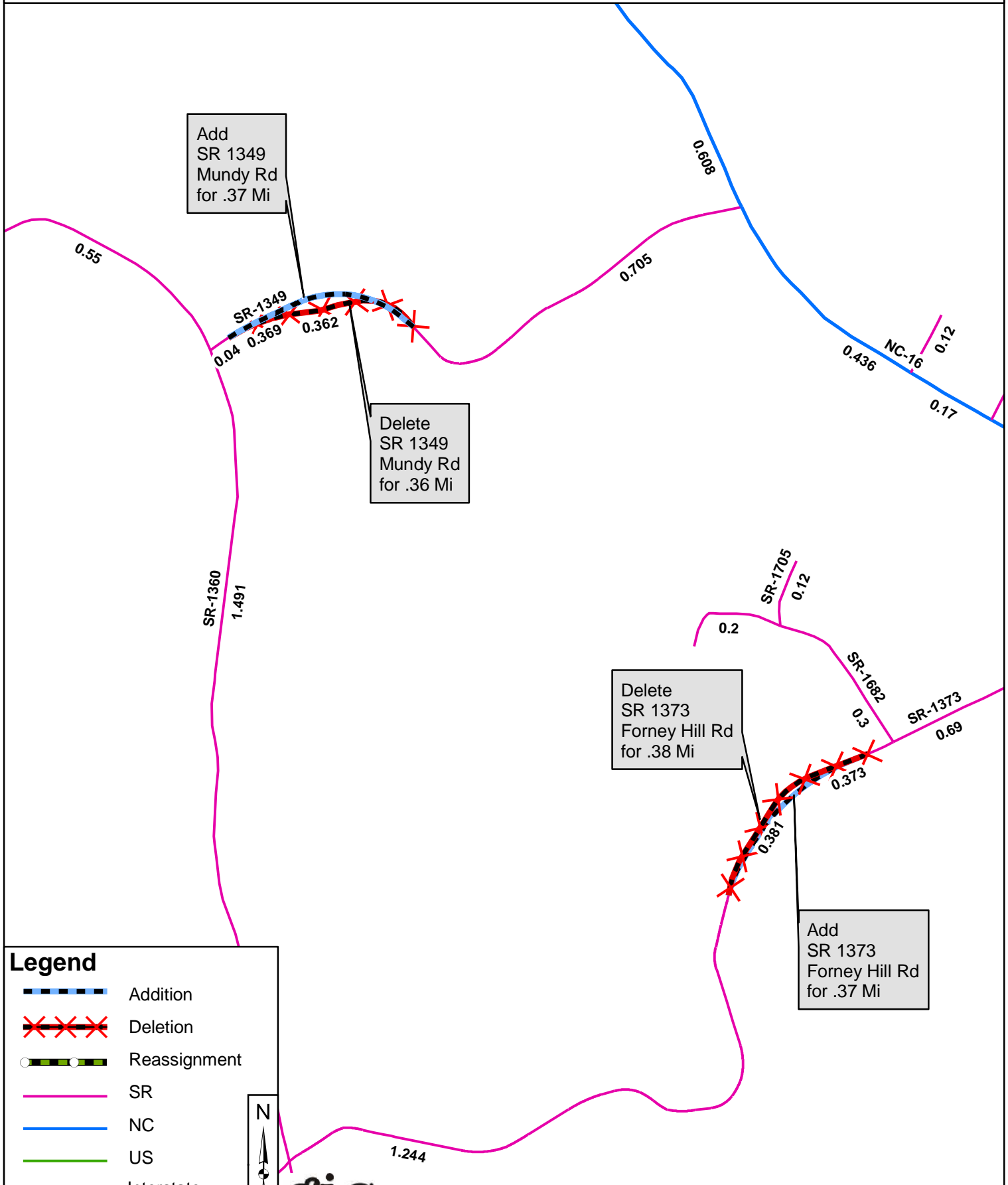
  
NCDOT  
WWW.NC DOT.ORG/IT/GIS

**Delivery Address:**  
41 01 CAPITAL BLVD.  
RALEIGH, NC 27604  
PHONE: (919) 707-2152  
FAX: (919) 707-2214





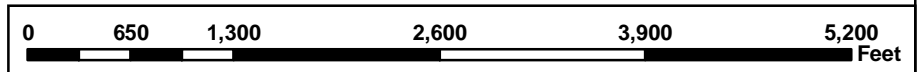
# 2011 ROAD SYSTEM CHANGES

<b>DOCUMENT NUMBER</b>	<b>COUNTY</b>	<b>APPROVAL DATE</b>	<b>NEW NUMBER</b>	<b>EXISTING NUMBER</b>	<b>STREET NAME</b>	<b>LENGTH (miles)</b>	<b>TYPE OF CHANGE</b>	<b>REMARKS (See Attached Map)</b>
R-2206C_54	LINCOLN	12/17/2007		SR 1373	FORNEY HILL RD	0.38	SYSTEM DELETION VIA TIP	MAP , SEGMENT
R-2206C_54	LINCOLN	12/17/2007		SR 1373	FORNEY HILL RD	0.37	SYSTEM ADDITION - EXISTING VIA TIP	MAP , SEGMENT
R-2206C_54	LINCOLN	12/17/2007		SR 1349	MUNDY RD	0.36	SYSTEM DELETION VIA TIP	MAP , SEGMENT
R-2206C_54	LINCOLN	12/17/2007		SR 1349	MUNDY RD	0.37	SYSTEM ADDITION - EXISTING VIA TIP	MAP , SEGMENT



**Legend**

-  Addition
-  Deletion
-  Reassignment
-  SR
-  NC
-  US
-  Interstate
-  Ramp





STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

Tuesday, February 01, 2011

EUGENE A. CONTI, JR.  
SECRETARY

**MEMORANDUM TO:** Mr. Michael L. Holder, PE  
Division Engineer  
Division 12

**FROM:** John C. Farley, Manager  
Geographic Information Systems Unit

**SUBJECT:** 2011 District 3 Road System Changes

The Data Conversion Group has been authorized to make the following changes to the state road system as indicated below. We request that you make similar changes to the related maps and files in your Division and District offices, and install appropriate road number signs if necessary. We have updated our records accordingly. If our system changes do not conform to the actual conditions in the field, please return this memorandum with recommendations.

Document Number	County	Approval Date
R-2206C_17	CATAWBA	12/17/2007

Inquiries about changes should be referred to the GIS Help Desk at (919) 707-2152.  
Thank you for your assistance.

JCF

cc: BSIP  
Bridge Maintenance  
Division Right of Way  
IMG  
Pavement Management  
Permit Unit  
State Road Maintenance  
Traffic Engineering  
Traffic Surveys

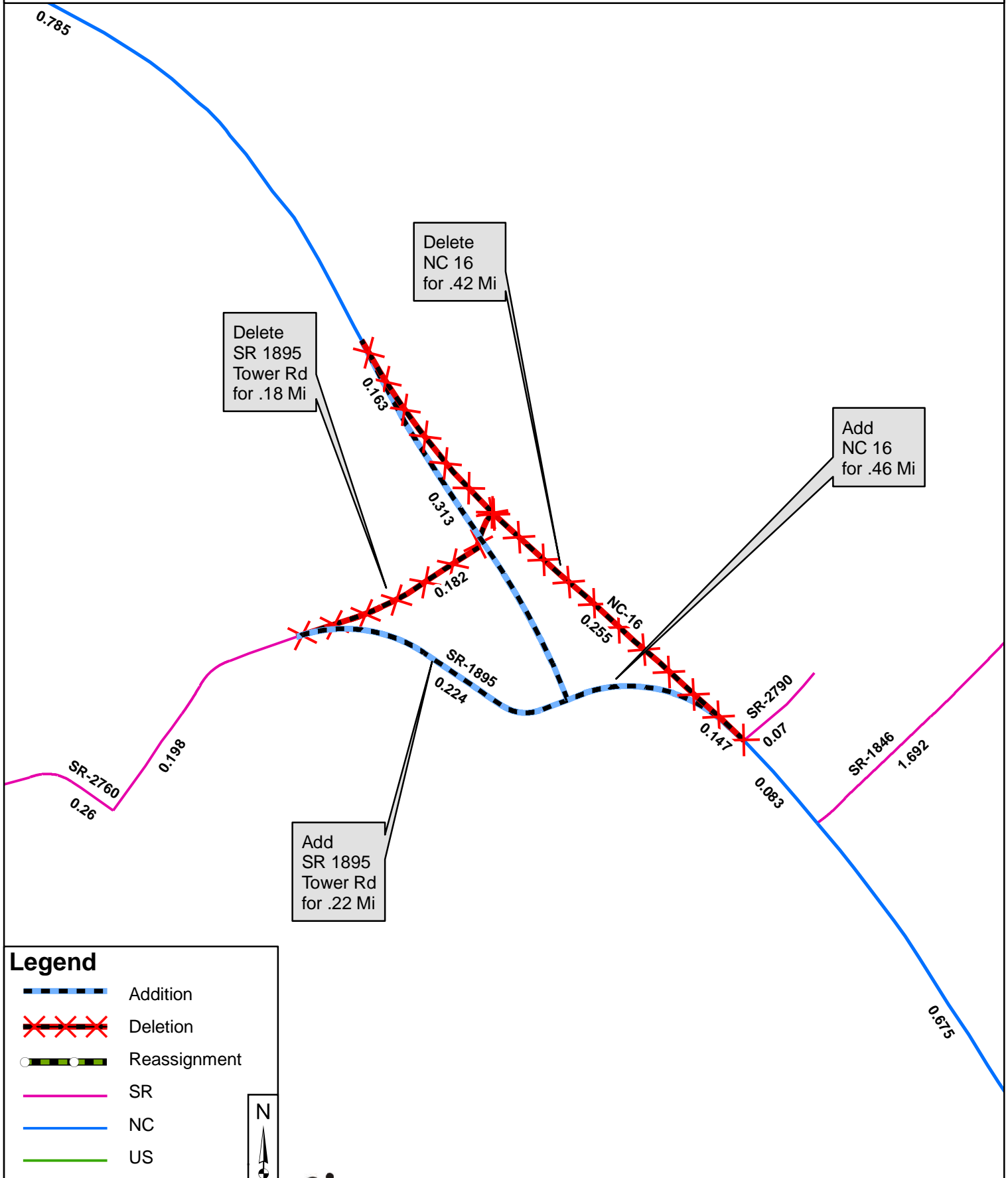
**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
GEOGRAPHIC INFORMATION SYSTEMS  
1521 MAIL SERVICE CENTER  
RALEIGH NC 27699-1521

  
NCDOT  
WWW.NC DOT.ORG/IT/GIS






**Delivery Address:**  
41 01 CAPITAL BLVD.  
RALEIGH, NC 27604  
PHONE: (919) 707-2152  
FAX: (919) 707-2214

# 2011 ROAD SYSTEM CHANGES

<b>DOCUMENT NUMBER</b>	<b>COUNTY</b>	<b>APPROVAL DATE</b>	<b>NEW NUMBER</b>	<b>EXISTING NUMBER</b>	<b>STREET NAME</b>	<b>LENGTH (miles)</b>	<b>TYPE OF CHANGE</b>	<b>REMARKS (See Attached Map)</b>
R-2206C_17	CATAWBA	12/17/2007		SR 1895	TOWER RD	0.18	SYSTEM DELETION VIA TIP	MAP , SEGMENT
R-2206C_17	CATAWBA	12/17/2007		SR 1895	TOWER RD	0.22	SYSTEM ADDITION - EXISTING VIA TIP	MAP , SEGMENT
R-2206C_17	CATAWBA	12/17/2007		NC 16		0.42	SYSTEM DELETION VIA TIP	MAP , SEGMENT
R-2206C_17	CATAWBA	12/17/2007		NC 16		0.46	SYSTEM ADDITION - EXISTING VIA TIP	MAP , SEGMENT



**Legend**

-  Addition
-  Deletion
-  Reassignment
-  SR
-  NC
-  US
-  Interstate
-  Ramp

