



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="" 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: Rural Speed Zones, Route Changes.				
Circumstances Requiring Rule Adoption, Repeal: Necessary for public safety and welfare.				
Effective Date: May 12, 2015				

May 08, 2015
DATE


OFFICER SIGNATURE

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

State Traffic Engineer
TITLE

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 CUMBERLAND DIVISION 6

DECLARE THE FOLLOWING

County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
CUMBERLAND FAYETTEVILLE	1068210	NC 295	65	65	Between SR 1007 (All American Freeway) and US 401 (Ramsey Street).
CUMBERLAND	1068306	SR 2421	35	35	Between SR 1600 (McArthur Road) and 0.22 mile northeast of SR 1600 (McArthur Road).
CUMBERLAND	1068307	SR 4424	35	35	Between 0.09 mile southwest of Pineview and Pineview.
CUMBERLAND	1068309	SR 4423	35	35	Between 0.088 mile southwest of Pineview Street and SR 4425.
CUMBERLAND	1068310	SR 2460	35	35	Between SR 1600 (McArthur Road) and 0.143 mile northeast of SR 2461.
CUMBERLAND	1068311	SR 4425	35	35	Between 0.091 mile southwest of SR 4423 and SR 4423.

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 CUMBERLAND DIVISION 6

DECLARE THE FOLLOWING

County	Ordinance Number	Route	Long Description
CUMBERLAND	1068209	NC 295	Add NC 295 (future I 295) along new alignment between SR 1007 (All American Freeway) and US 401 (Ramsey Street). Projects U-2519DA and X-0002B and C.

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 May 12, 2015 and are identified as follows:

ORDINANCE TYPE	ADOPT	REPEAL
Rural Speed Zones	6	0
Route Changes	1	0
Total	7	0

For ordinances requiring signing, 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.

May 08, 2015

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 295 _____

County/s: _____ Cumberland _____

Division/s: _____ 06 _____ TIP Project/s: _____ X-2, U-2519 _____

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

NC 295 (Future I-295) from US 401 (Ramsey Street) to SR 1007 (All American Freeway).

Reason/Justification for this route change:

This is a new route. FHWA requirements do not allow for the Fayetteville Outer Loop to be designated as an interstate route until it reconnects to I-95 south of Fayetteville.

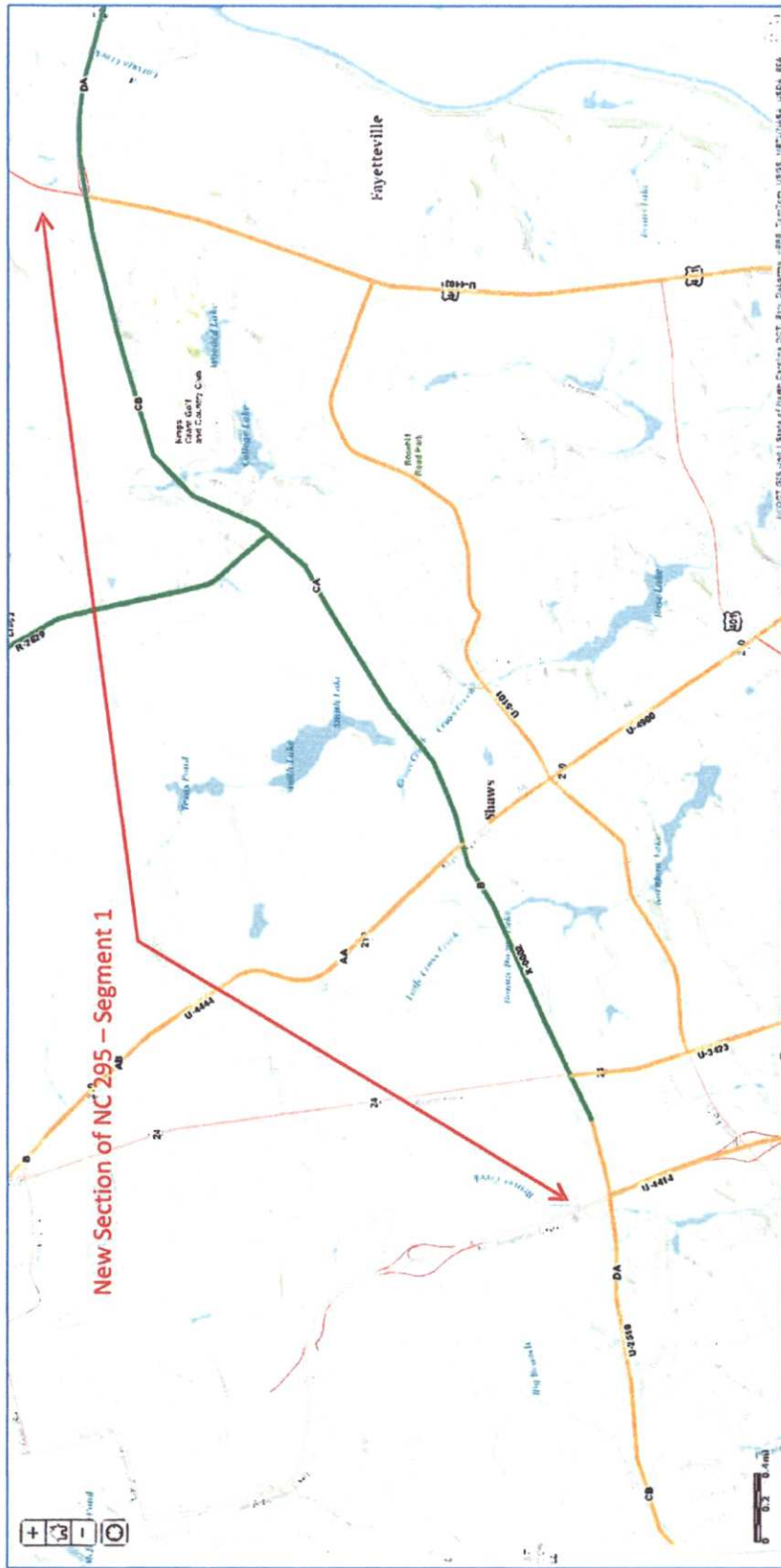
Requestor Name: _____ David B. Phipps, PE _____ Date: _____ 3/17/14 _____

Requestor Signature: _____ *David B. Phipps* _____

State Traffic Engineer (initial approval): _____ *[Signature]* _____ Date: _____ 3/17/2014 _____

Attachments: Map/s

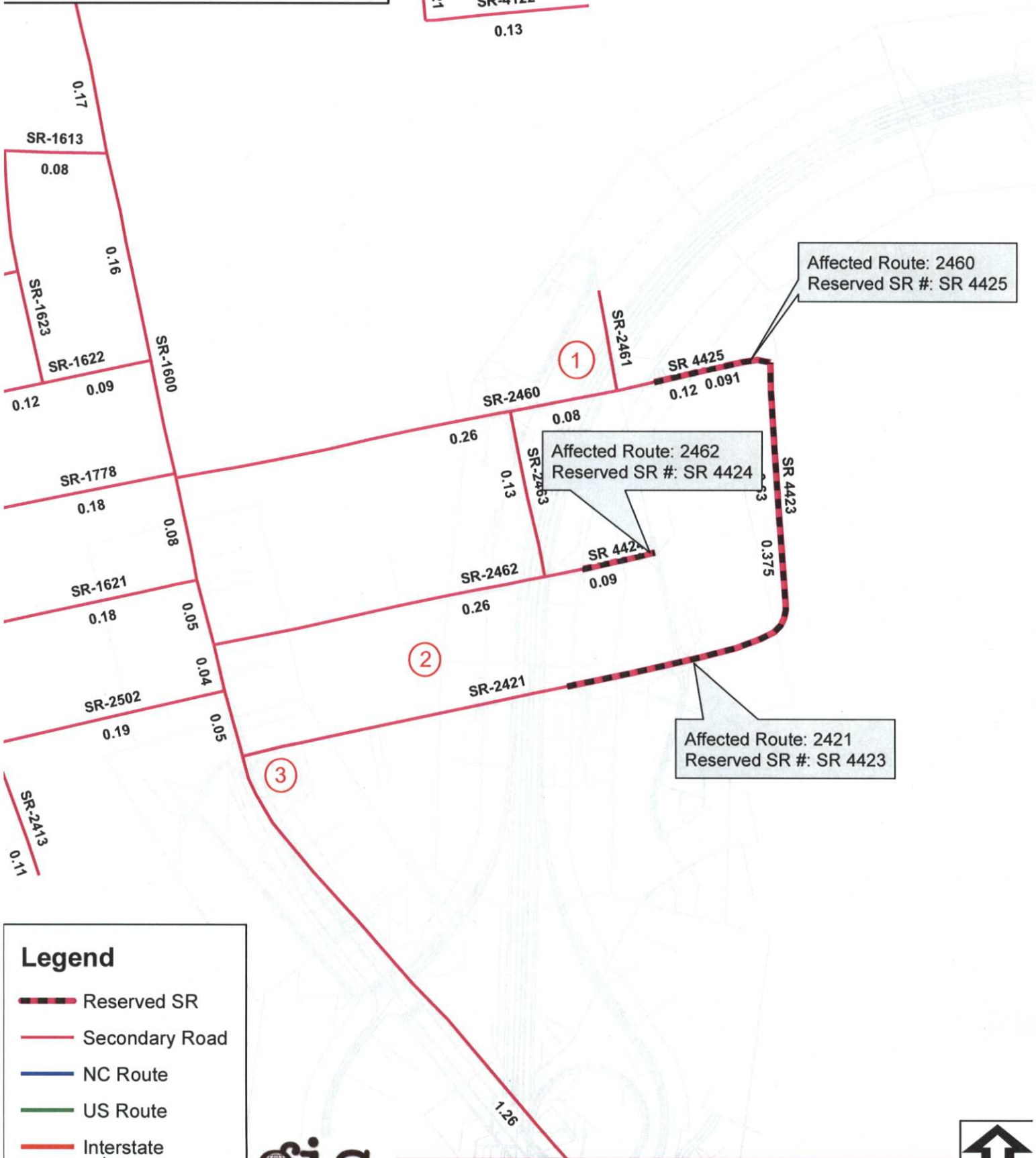
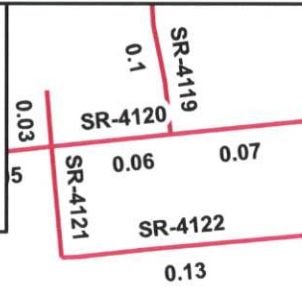
cc: Ordinance Program Coordinator



NC 295 (Future I-295) from US 401 (Ramsey Street) to SR 1007 (All-American Freeway)

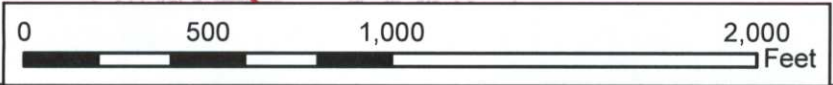
**HTO SR # Reservation
County: CUMBERLAND
Project: X-0002CB**

Date: 06/12/14 Affected Route(s): 4425 4424 4423



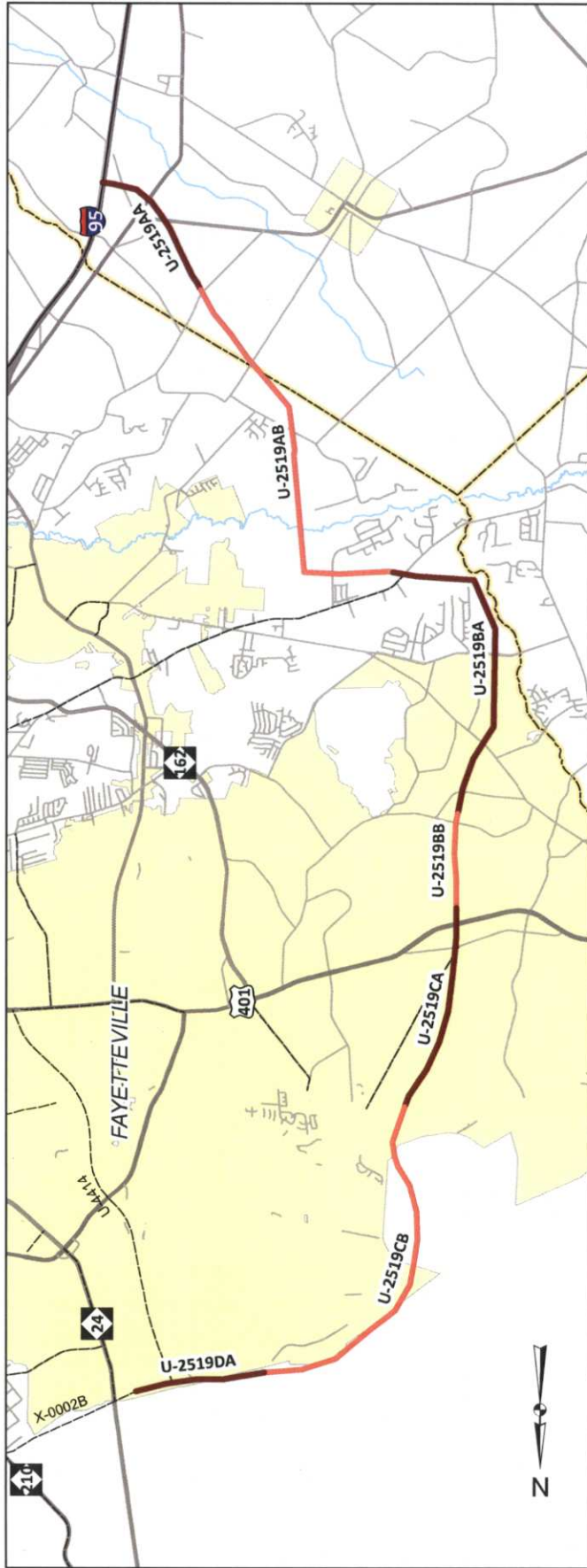
Legend

- Reserved SR
- Secondary Road
- NC Route
- US Route
- Interstate
- Ramp



U-2519 CUMBERLAND AND ROBESON COUNTIES FAYETTEVILLE OUTER LOOP

PROJECT
BREAKDOWN
MAP

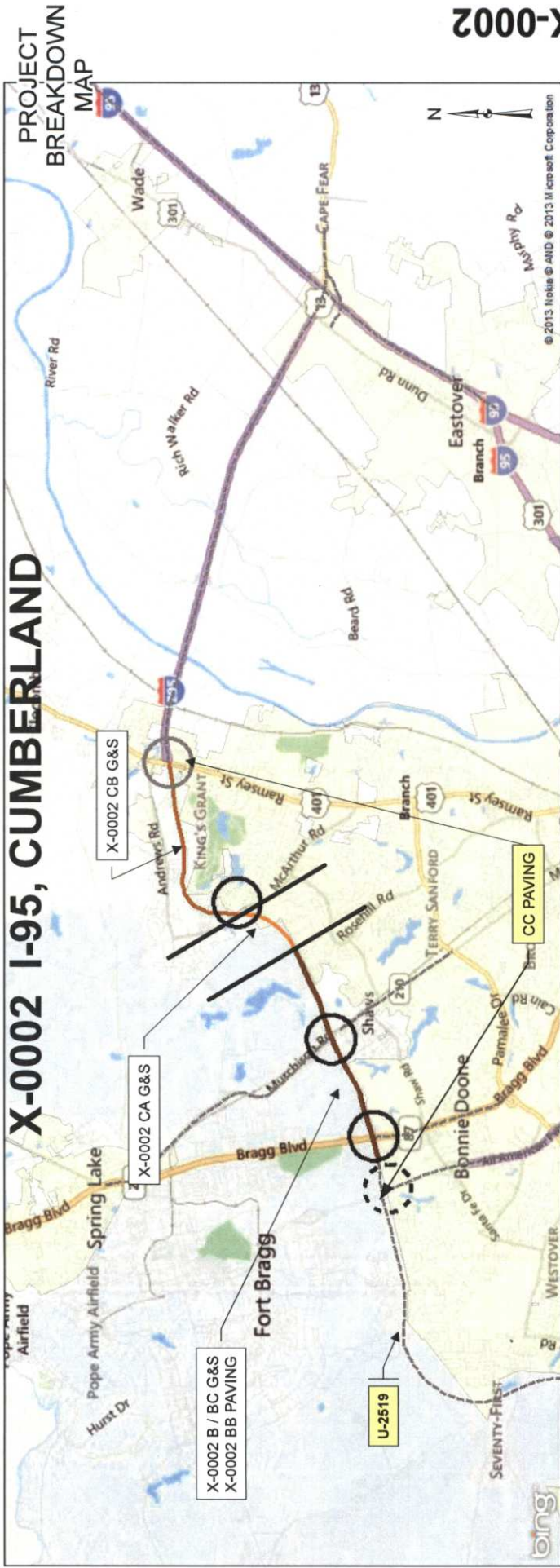


U-2519

PROJECT SCHEDULES AND COSTS ARE ACCURATE AS OF DATE SHOWN

BREAK	WBSN	ENGINEER	DESCRIPTION	CNTY / DIV	LENGTH	TYPE	REMARKS	RW	LET	CMP Date	RW COST	CON COST
U-2519 DA	34817	Houser	EAST OF SR 1415 (YADKIN RD) TO WEST OF NC 24-87	CUMBERLAND / DIV 6	3.1 MI	Turnkey	UNDER CONSTRUCTION	May-06	FY-11		\$667,000	\$67,900,000
U-2519 CB	34491	Taylor	SR 1400 (CLIFFDALE RD) TO EAST OF SR 1415 (YADKIN RD)	CUMBERLAND / DIV 6	5.8 MI	Turnkey	ROW IN PROGRESS	Jul-06	FY-14		\$6,041,000	\$100,400,000
U-2519 CA	34491	Taylor	US 401 TO SR 1400 (CLIFFDALE RD)	CUMBERLAND / DIV 6	1.6 MI	Turnkey	INCLUDES US 401 INTERCHANGE	Jul-18	PY		\$6,740,000	\$71,300,000
U-2519 BB	34491	Houser	SR 1104 (STRICKLAND BRIDGE RD) TO US 401	CUMBERLAND / DIV 6	1.34 MI	Turnkey	INCLUDES SR 1104 INTERCHANGE	PY	PY		\$6,460,000	\$27,000,000
U-2519 BA	34491	Houser	SR 1003 (CAMDEN RD) TO SR 1104 (STRICKLAND BRIDGE RD)	CUMBERLAND / DIV 6	3.75 MI	Turnkey	INCLUDES SR 1003 INTERCHANGE	PY	PY		\$13,120,000	\$38,000,000
U-2519 AB	34491	Blewins	SR 1118 (PARKTON RD) TO SR 1003 (CAMDEN RD)	CUMBERLAND / DIV 6	4.71 MI	Turnkey	INCLUDES SR 1118 INTERCHANGE	PY	PY		\$15,770,000	\$71,000,000
U-2519 AA	34492	Blewins	I-95 TO SR 1118 (PARKTON RD)	CUMBERLAND / DIV 6	2.24 MI	Turnkey	INCLUDES I-95 INTERCHANGE	PY	PY		\$15,770,000	\$32,000,000

UPDATED - 5/31/2013



X-0002

BREAK	WBSN	ENGR	DESC	CNTY/ DIV	LENGTH	TYPE	REMARKS	ROW	LET	CMP DATE	ROW COST	CON COST
X-0002B		BRUTON	WEST OF NC 24-87 (BRAGG BLVD.) TO EAST OF NC 210 (MURCHINSON RD.)	CUMBERLAND / DIV. 6	2.1 MI	GRADING AND STRUCTURES		5-06	05-09	05/13	\$9,835,000	\$56,000,000.00
X-0002BB		BRUTON	WEST OF NC 24 (BRAGG BLVD.) TO 1.1 MILES EAST OF NC 210 (MURCHINSON RD.)	CUMBERLAND / DIV. 6	1.7 MI	PAVING	Ramps and Collectors	06-06	10/13	11/14		\$8,000,000 BID \$6,166,458
X-0002BC		BRUTON	NC 210 (MURCHINSON RD.) TO 1.1 MILES EAST OF NC 210	CUMBERLAND / DIV. 6	1.1 MI	GRADING AND STRUCTURES		05-06	2/11	04/14		\$25,600,000.00
X-0002CA		BRUTON	1.1 MILES EAST OF NC 210 (MURCHINSON RD.) TO EAST OF SR 1600 (MCARTHUR RD.)	CUMBERLAND / DIV. 6	2.0 MI	GRADING AND STRUCTURES		05-06	02/11	04/14	\$8,810,000	\$17,600,000.00
X-0002CB		BRUTON	EAST OF MCARTHUR RD (SR 1600) TO US 401	CUMBERLAND / DIV. 6	2.08 MI	GRADING AND STRUCTURES		05-06	02/11	04/14	\$8,810,000	\$29,800,000.00
X-0002CC		B. MOORE	EAST OF ALL-AMERICAN FREEWAY TO EAST OF US 401 (RAMSEY ST)	CUMBERLAND / DIV. 6	6.83 MI	PAVING	X-0002B, BC, CA, & CB G&S	05-06	02/14			\$24,100,000.00



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

1501 MAIL SERVICE CENTER, RALEIGH, N. C. 27699-1501

ANTHONY J. TATA
SECRETARY

July 11, 2014

MEMO TO: DOT Staff
FROM: Sarah Mitchell
SUBJECT: July 10, 2014 Board of Transportation Meeting

The Board of Transportation at its meeting on July 10, 2014 in Raleigh took the following actions:

1. The Board unanimously approved the minutes of June 5 meeting.
2. With respect to the award of contracts covering construction projects in the June 17, 2014 letting (Item C), the Board delegated the authority to the Secretary.

All bids were rejected on project C203558 in Davidson, Rowan, Forsyth, and Davie counties due to confusion amongst the bidders in regards to the specifications as to whether a general contractor's license was required. In addition, it was determined that modifications to the plans were needed to better define the required work; therefore, staff recommended that all bids be rejected. The project will be re-advertised.

All bids were rejected on project C203437 in Watauga County. The low bid received was 20% above the engineer's estimate. The estimate has been reviewed and is considered reasonable. Staff recommended that all bids be rejected and the project will be re-advertised.

The remaining projects were awarded by the Secretary to the low bidder.

Note: Award of contracts involving the use of federal-aid funds is subject to concurrence by the Federal Highway Administration.

3. The Board delegated the authority to the Secretary to approve Items D, E, H and L, after the following correction:
 - a. Item H, WBS 44248, Wake County – Other Funding has been revised: \$575,000 (Spot Safety) revised to \$525,000 (HSIP) and \$525,000 (Town) revised to \$575,000 (Town).
4. The Board approved Items G, I-1A, I-2, I-3, I-4, J, K, M, N, O, P, R, and V.
5. Additional Business Items
 - a. Upon the recommendation of the Road Naming Committee, the Board approved a Resolution for the Airborne and Special Operations Highway (Atta. #1).

The next Board meeting is scheduled for **August 6 - 7, 2014** in Raleigh. Project items should be sent to Sarah Mitchell by Monday, July 21, 2014. If you need assistance in the preparation of next month's Board projects, please call me at 707-2820.

cc: Secretary Anthony J. Tata Deputy Secretary Keith Weatherly
Chief Deputy Secretary Nick Tennyson Ann Dishong
Deputy Secretary LaNica Allison Division Engineers

RESOLUTION FOR THE AIRBORNE AND SPECIAL OPERATIONS HIGHWAY

WHEREAS, North Carolina is the home state for a significant share of the military forces of the United States and is known as the most military friendly state; and

WHEREAS, the greater Fayetteville community is the proud home of more than 57,000 military personnel and 23,000 family members; and

WHEREAS, the citizens of the greater Fayetteville community have a long and proud history, dating to this country's birth, of paying special honor and respect to its sons and daughters who protect our country's freedoms and, as a community, stand strong in unified support of our airborne and special operation soldiers of Fort Bragg and Pope Army Airfield; and

WHEREAS, the airborne and special operations forces are a critical component of national defense and will deploy anywhere with little warning; and

WHEREAS, the soldiers of the airborne and special operations forces have made countless contributions to our Nation through commitment, courage, dedication, heroism, sacrifice and service; and

WHEREAS, I-295 is critical to post security, will improve deployment of soldiers and equipment to port and will enhance the mobility and readiness of Fort Bragg; and

WHEREAS, I-295 will provide a vital interstate connection to I-95 for a total distance of 24.75 miles from I-95 to US 401, Raeford Road; and

WHEREAS, the Fayetteville City Council requests to name this portion of I-295 as the Airborne and Special Operations Highway.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the portion of I-295 from I-95 to US 401, Raeford Road, as ***The Airborne and Special Operations Highway***.

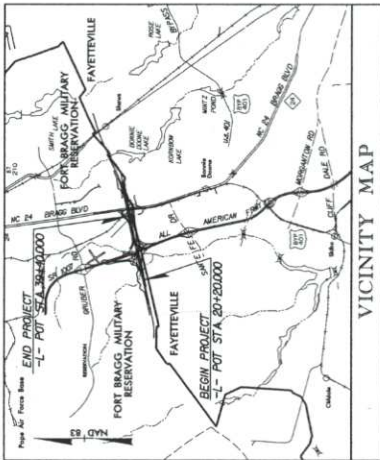
That appropriate signs be erected at a suitable time.

Adopted, this the tenth day of July 2014 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

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



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

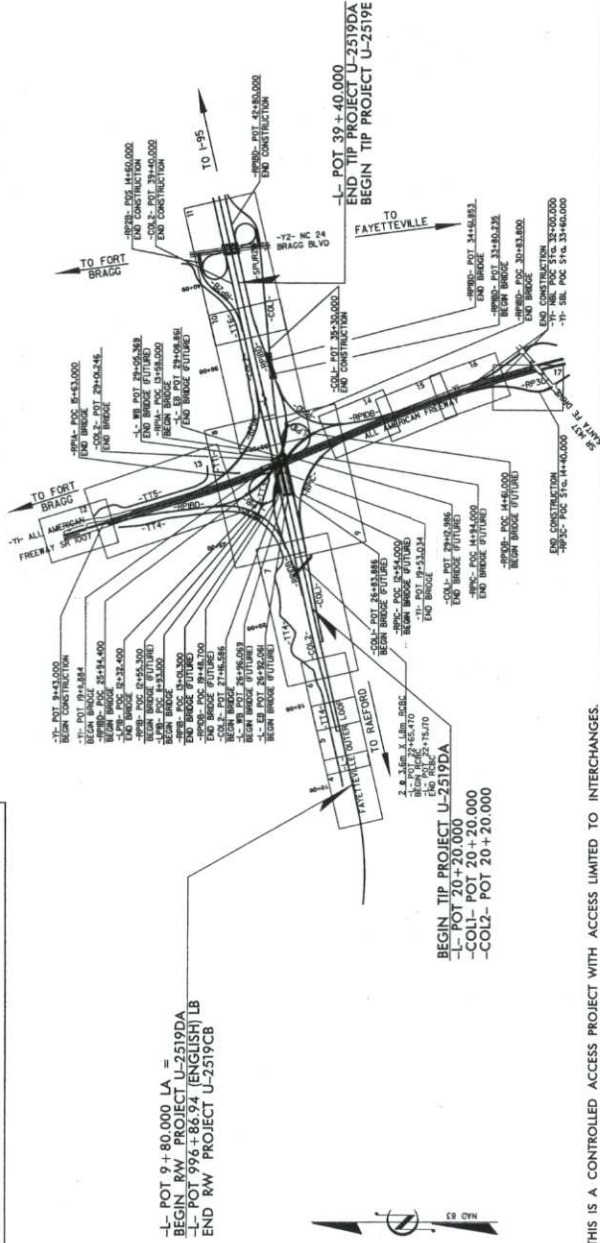
CUMBERLAND COUNTY

LOCATION: FAYETTEVILLE OUTER LOOP
FROM EAST OF SR 1415 TO WEST OF
NC 24 (BRAGG BOULEVARD)
TYPE OF WORK: GRADING, DRAINAGE, PAVING,
SIGNING, AND STRUCTURES

STATE	N.C.	FEDERAL PROJECT NUMBER	U-2519DA	SHEET NUMBER	1
FEDERAL PROJECT NUMBER	34817.1.7	NHF-DP-01000001	DESCRIPTION	PE	
FEDERAL PROJECT NUMBER	34817.2.4	NHF-000(0)	RW and UTIL		
FEDERAL PROJECT NUMBER	34817.3.12	NHF-0100(2)	CONST		



ALL DIMENSIONS IN
THESE PLANS ARE IN METERS
AND/OR MILLIMETERS
UNLESS OTHERWISE SHOWN



THIS IS A CONTROLLED ACCESS PROJECT WITH ACCESS LIMITED TO INTERCHANGES.

GRAPHIC SCALE

PLANS: 1" = 100'

PROFILE (HORIZONTAL): 1" = 100'

PROFILE (VERTICAL): 1" = 10'

DESIGN DATA

ADT 2007 = 27300
ADT 2030 = 66200
DHV = 9 %
T = 12 %
(DUALS 8 %, TTST 4 %)
V = 110 km/h

FUNCTION CLASS = INTERSTATE

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT U-2519DA: 1.093 KM
LENGTH STRUCTURES TIP PROJECT U-2519DA: 0.227 KM
TOTAL LENGTH TIP PROJECT U-2519DA: 1.320 KM

NOTE: EB LANE BRIDGE STATIONING USED TO DETERMINE LENGTH OF STRUCTURES

PLANS PREPARED BY:
FLORENCE & HUTCHESON, INC.
CONSULTING ENGINEERS
4600 WALKER BLVD
RALEIGH, NC 27607

PREPARED FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
200 STANDARD OBSERVATIONS

RIGHT OF WAY DATE: MAY 19, 2006
LETTING DATE: JUNE 21, 2011
NCDDOT CONTACT: K. ZAK HAMIDI, P.E.

PROJECT ENGINEER: DENNIS J. MORY, P.E.
PROJECT DESIGN ENGINEER: HENRY W. BARE
PROJECT ENGINEER: K. ZAK HAMIDI, P.E.

HYDRAULICS ENGINEER

Professional Engineer Seal for State of North Carolina, No. 31141, Signature: [Signature]

ROADWAY DESIGN

Professional Engineer Seal for State of North Carolina, No. 31141, Signature: [Signature]

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

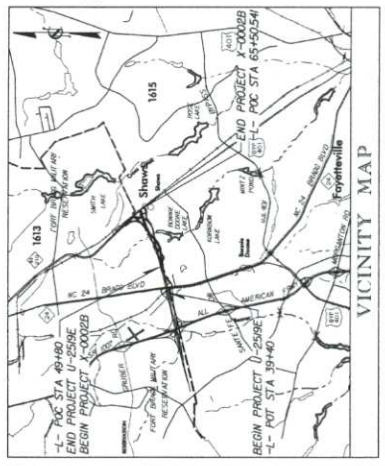
Professional Engineer Seal for State of North Carolina, No. 31141, Signature: [Signature]

TIP PROJECT: U-2519DA

CONTRACT: C202028

CONTRACT: C201977 TIP PROJECTS: U-2519E & X-0002B

See Sheet 1-A For Index of Sheets
See Sheet 2 For Conventional Symbols



STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS CUMBERLAND COUNTY

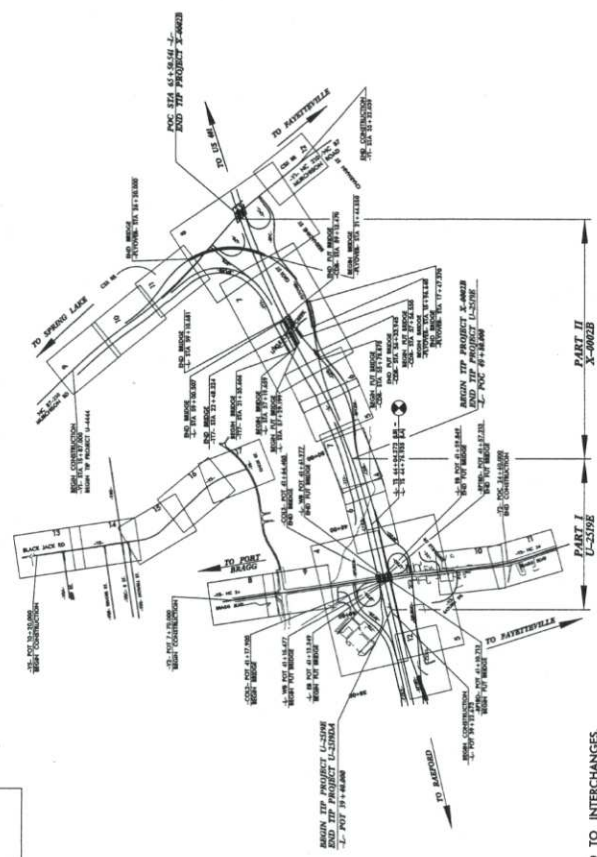
LOCATION: FAYETTEVILLE OUTER LOOP FROM WEST OF NC 24 TO 1.74 km EAST OF NC 87 / NC 210 (MURCHISON RD.)

TYPE OF WORK: GRADING, DRAINAGE, STRUCTURES, CULVERT, PAVING, TRAFFIC SIGNAL, RETAINING WALLS, & SIGNING

STATE PROJECT NUMBER	N.C. U-2519E / X-0002B	SHEET NO.	1
PLAN NUMBER	34817.1.2	DESCRIPTION	FE (U-2519E)
	34817.2.4		R/W & UTIL (U-2519E)
	35196.2.3		FE (X-0002B)
	35196.3.311		R/W & UTIL (X-0002B)
			CONST



ALL DIMENSIONS IN THESE PLANS ARE IN METERS AND/OR MILLIMETERS UNLESS OTHERWISE SHOWN



THIS IS A CONTROLLED ACCESS PROJECT WITH ACCESS LIMITED TO INTERCHANGES.

PROJECT LENGTH	
LENGTH ROADWAY TIP PROJECT U-2519E	0.620 KM
LENGTH STRUCTURES TIP PROJECT U-2519E	0.647 KM
TOTAL LENGTH TIP PROJECT U-2519E	0.647 KM
*NOTE LENGTH BASED ON IRL BRIDGES	
LENGTH ROADWAY TIP PROJECT X-0002B	1.390 KM
LENGTH STRUCTURES TIP PROJECT X-0002B	0.391 KM
TOTAL LENGTH TIP PROJECT X-0002B	1.571 KM
*NOTE LENGTH BASED ON VWL BRIDGES	
LENGTH ROADWAY TIP PROJECTS U-2519E / X-0002B	2.310 KM
LENGTH STRUCTURES TIP PROJECTS U-2519E / X-0002B	0.278 KM
TOTAL LENGTH TIP PROJECTS U-2519E / X-0002B	2.538 KM

PLANS PREPARED BY:
FLORENCE & HUTCHINSON, INC.
CONSULTING ENGINEERS
AND
STV/Redph Whitehead Associates
PREPARED FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DATE (U-2519E):
JUNE 26, 2006
RIGHT OF WAY DATE (X-0002B):
MAY 31, 2006

LETTING DATE:
MAY 19, 2009

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

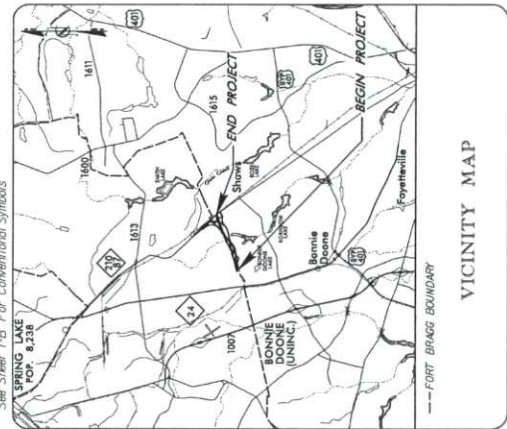
STATE HIGHWAY DESIGN ENGINEER

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CUMBERLAND COUNTY

LOCATION: FAYETTEVILLE OUTER LOOP FROM EAST OF NC 24 (BRAGG BLVD.) TO NC 87 / NC 210 (MURCHISON RD.)

TYPE OF WORK: GRADING, STRUCTURES, RETAINING WALL, PAVING, DRAINAGE, AND SIGNING

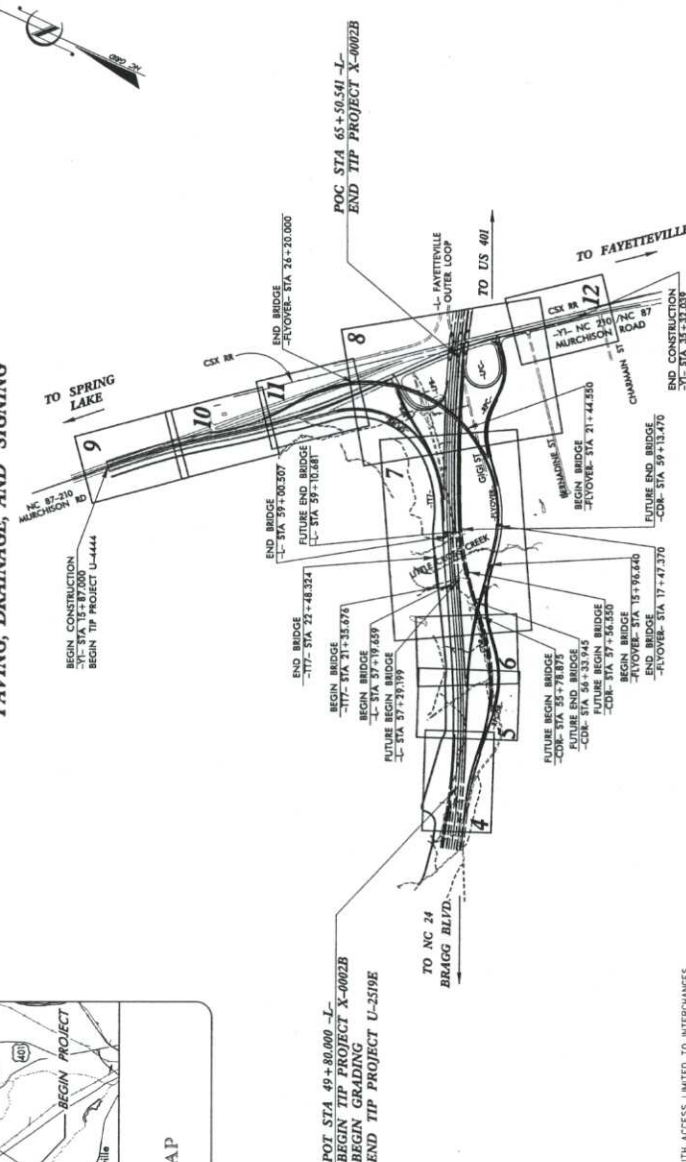


VICINITY MAP

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

STATE PROJECT NUMBER	N.C. X-0002B
DATE	3/19/09
ROW: UHI	ROW: UHI
CONSTRUCTION	CONSTRUCTION

ALL DIMENSIONS IN METERS AND/OR MILLIMETERS UNLESS OTHERWISE SHOWN



PART 2 OF 2

STATE HIGHWAY DESIGN ENGINEER

 CHARLES GOOD, P.L.S.
 PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

 JOHN JOHNSON, P.E.
 PROJECT ENGINEER

STY/Ralph Whitehead Associates
 FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 RIGHT OF WAY DATE: May 31, 2006
 LETTING DATE: May 19, 2009

Prepared in the Office of:

PROJECT LENGTH	1.390 km
LENGTH OF ROADWAY, TIP PROJECT X-0002B	= 1.390 km
LENGTH OF STRUCTURES, TIP PROJECT X-0002B	= 0.181 km*
TOTAL LENGTH, TIP PROJECT X-0002B	= 1.571 km

*NOTE: LENGTH BASED ON WBL BRIDGES

DESIGN DATA	ADT 2008 = 57,500
	ADT 2030 = 74,300
	DHV = 9 %
	D = 55 %
	T = 10 %
	V = 110 km/h
	* TTST 4% + DUAL 6%
	FUNC. CLASS = INTERSTATE

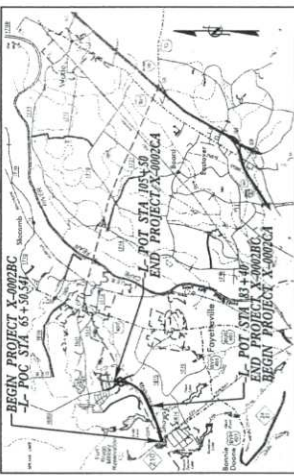
GRAPHIC SCALE	5 0 10 PLANS
	5 0 10 PROFILE (HORIZONTAL)
	1 0 2 PROFILE (VERTICAL)

NOTE: THIS IS A CONTROLLED ACCESS PROJECT WITH ACCESS LIMITED TO INTERCHANGES

TIP PROJECT: X-0002B

CONTRACT: C202591 TIP PROJECTS: X-0002BC / X-0002CA

See Sheet 1-A For Index of Sheets
See Sheet 2 For Conventional Symbols



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CUMBERLAND COUNTY

LOCATION: FAYETTEVILLE OUTER LOOP FROM
NC87-NC210 (MURCHISON RD.) TO JUST
EAST OF SRI600 (McARTHUR RD.)

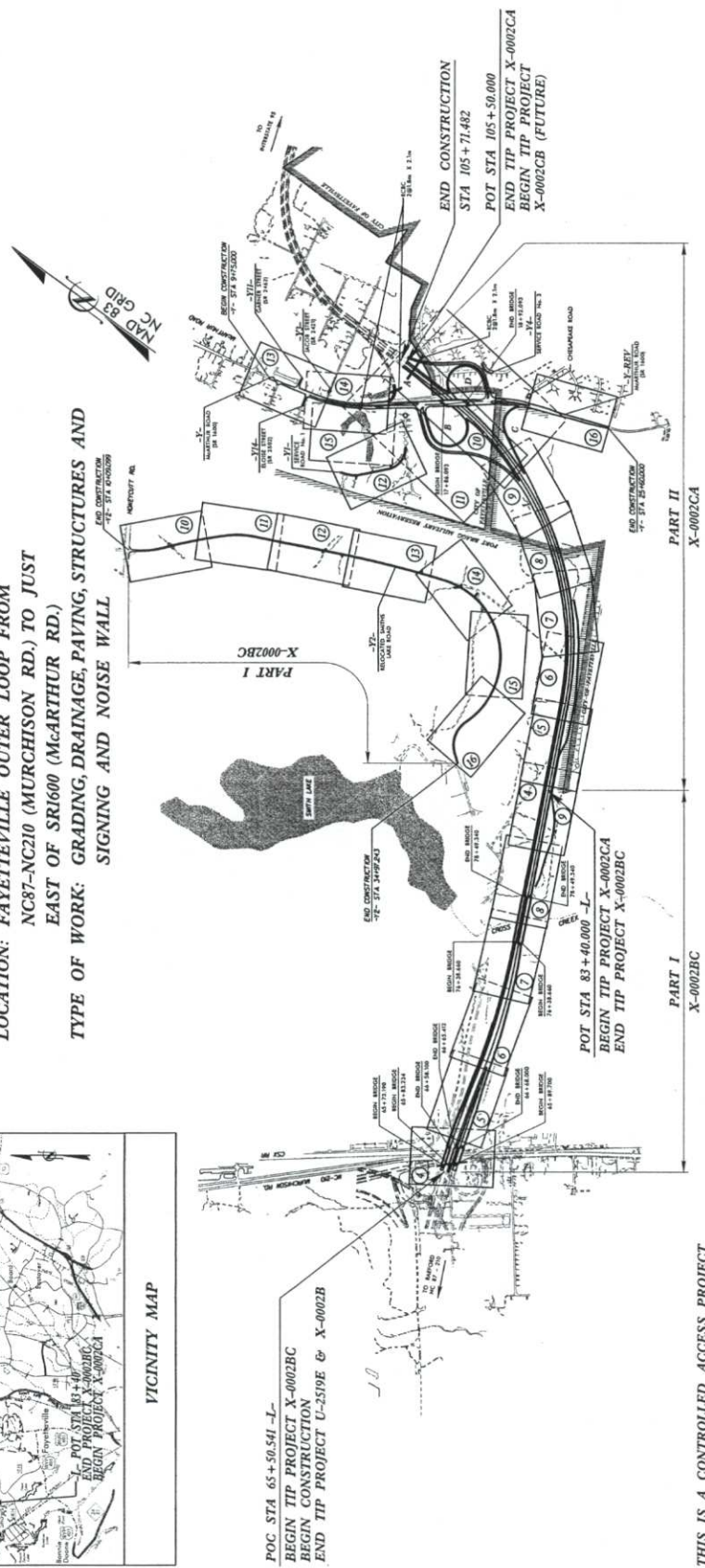
TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES AND
SIGNING AND NOISE WALL



ALL DIMENSIONS IN
THESE PLANS ARE IN METERS
UNLESS OTHERWISE SHOWN

STATE	FUTURE PROJECT REFERENCE NO.	HEET	TOTAL SHEETS
N.C.	X-0002BC / X-0002CA	I	1

DATE	DESCRIPTION
3/17/06	P.E. (X-0002BC)
3/17/06	ROW & UTIL (X-0002BC)
3/17/06	CONST. (X-0002BC)
3/17/06	P.E. (X-0002CA)
3/17/06	ROW & UTIL (X-0002CA)
3/17/06	CONST. (X-0002CA)



PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT X-0002BC	= 1,492 km
LENGTH STRUCTURES TIP PROJECT X-0002BC	= 0,295 km
TOTAL LENGTH OF TIP PROJECT X-0002BC	= 1,787 km
*NOTE: LENGTH BASED ON VPI BRIDGES	
LENGTH ROADWAY TIP PROJECT X-0002CA	= 2,210 km
LENGTH STRUCTURES TIP PROJECT X-0002CA	= 0,000 km
TOTAL LENGTH OF TIP PROJECT X-0002CA	= 2,210 km
*NOTE: LENGTH BASED ON VPI BRIDGES	
LENGTH ROADWAY TIP PROJECT X-0002BC / X-0002CA	= 3,702 km
LENGTH STRUCTURES TIP PROJECT X-0002BC / X-0002CA	= 0,295 km
TOTAL LENGTH OF TIP PROJECT X-0002BC / X-0002CA	= 3,997 km

THIS IS A CONTROLLED ACCESS PROJECT
WITH ACCESS LIMITED TO INTERCHANGES

Prepared in the offices of:
Part I: STV/Whitehead & Nichol Associates
Part II: STV/Whitehead & Nichol Associates
FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
300 WEST STASHEM STATION
Raleigh, NC 27601

RIGHT OF WAY DATE (X-0002BC):
MAY 31, 2006
RIGHT OF WAY DATE (X-0002CA):
MAY 31, 2006
LETTING DATE:
FEBRUARY 15, 2011

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

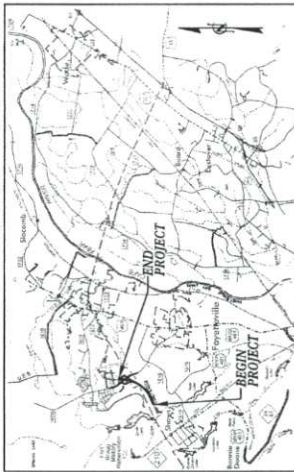
STATE HIGHWAY DESIGN ENGINEER

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CUMBERLAND COUNTY

LOCATION: FAYETTEVILLE OUTER LOOP
FROM 1.3 KM EAST OF NC87-NC210 (MURCHISON RD.)
TO EAST OF SR1600 (MCARTHUR RD.)
TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES AND
SIGNING

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

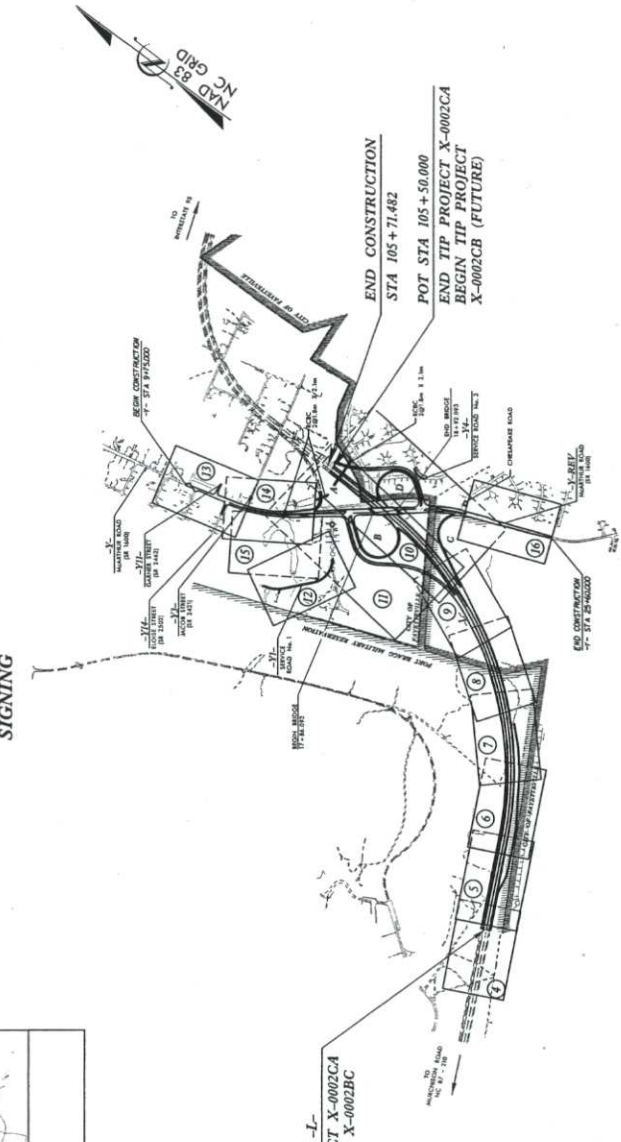


VICINITY MAP

STATE	N.C.	STATE PROJECT NUMBER	X-0002CA
DATE	3/17/06	DATE	1
PROJECT NUMBER	35176.1.2	P.A. NUMBER	NHF-DPE-0100(052)
DESCRIPTION	ROW & UTIL	CONSTR.	
	35176.1.4		
	35176.1.17		



ALL DIMENSIONS IN METERS
UNLESS OTHERWISE SHOWN



TIP PROJECT: X-0002CA

THIS IS A CONTROLLED ACCESS PROJECT
WITH ACCESS LIMITED TO INTERCHANGES

PART 2 OF 2

GRAPHIC SCALES

PLANS
0 5 10

PROFILE (HORIZONTAL)
0 5 10

PROFILE (VERTICAL)
0 2

DESIGN DATA

ADT 2011	=	38,100
ADT 2036	=	66,390
DHV	=	9 %
D	=	55 %
T	=	10 % *
V	=	110 km/h

* (TTST 4 % DUAL 6 %)
FUNC. CLASS = INTERSTATE

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT X-0002CA	=	2.210 km
LENGTH STRUCTURES TIP PROJECT X-0002CA	=	0.000 km
TOTAL LENGTH OF TIP PROJECT X-0002CA	=	2.210 km

Prepared in the Office of:
WOPRATT & NICHOL
FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
AN AISCING STANDARD ENGINEERING FIRM

RIGHT OF WAY DATE: MAY 31, 2006
LETTING DATE: FEBRUARY 15, 2011

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P.E. 11/18/83

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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

at, m.w. m.w.
STATE HIGHWAY DESIGN ENGINEER
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