



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 checked="" type="checkbox"/>	Repeal
<b>Statutory Authority:</b> 136-54, 136-30, 20-141, 20-115.1.					
<b>Public Hearing Not Required For This Action Under:</b> GS 150B.					
<b>Rule Summary:</b> Rural Speed Zones, Route Changes, STAA National Truck Network.					
<b>Division:</b> 6					
<b>Circumstances Requiring Rule Adoption, Repeal:</b> Necessary for public safety and welfare.					
<b>Effective Date:</b> August 17, 2020					

August 17, 2020  
\_\_\_\_\_  
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.0104).

The State Traffic Engineer is subdelegated the authority by the Secretary of Transportation to adopt all necessary rules 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.0104).

Pursuant to that delegation, the State Traffic Engineer hereby adopts and promulgates the following ordinances based on an engineering and traffic investigation and in accordance with General Statute 20-141. Signing is required by statute or code.

COUNTY CUMBERLAND DIVISION 6

**DECLARE THE FOLLOWING**

County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
CUMBERLAND	1078843	I 295	65	65	Between US 401 (Raeford Road) and I 95, US 13.

**RESCIND THE FOLLOWING**

County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
CUMBERLAND	1075791	I 295	65	65	Between SR 1007 (All American Expressway) and I-95, US 13.
CUMBERLAND	1077797	NC 295	65	65	Between SR 1400 (Cliffdale Road) and SR 1007 (All American Expressway).

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## 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.0104).

The State Traffic Engineer is subdelegated the authority by the Secretary of Transportation to adopt all necessary rules 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.0104).

Pursuant to that delegation, the State Traffic Engineer hereby adopts and promulgates the following ordinances in accordance with General Statute 136-30, 136-54. Signing not required by statute or code.

COUNTY CUMBERLAND DIVISION 6

### DECLARE THE FOLLOWING

County	Ordinance Number	Route	Long Description
CUMBERLAND	1078844	I 295	Add I 295 along new alignment between US 401 (Raeford Road) and SR 1400 (Cliffdale Road). Project U-2519CA.
CUMBERLAND	1078845	NC 295	Delete existing NC 295 and replace with I-295 between SR 1400 (Cliffdale Road) and SR 1007 (All American Expressway).
CUMBERLAND	1078846	I 295	Add I 295 to replace existing NC 295 between SR 1400 (Cliffdale Road) and SR 1007 (All American Expressway).

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## STAA National Truck Network

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.0104).

The State Traffic Engineer is subdelegated the authority by the Secretary of Transportation to adopt all necessary rules 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.0104).

Pursuant to that delegation, the State Traffic Engineer hereby adopts and promulgates the following ordinances in accordance with General Statute 20-115.1. Signing not required by statute or code.

**COUNTY** CUMBERLAND                      **DIVISION** 6

### DECLARE THE FOLLOWING

County	Ordinance Number	Route	Long Description
CUMBERLAND	1078847	I 295	National Network between US 401 (Raeford Road) and I 95, US 13.

### RESCIND THE FOLLOWING

County	Ordinance Number	Route	Long Description
CUMBERLAND	1075795	I 295	National Network between SR 1007 (All American Expressway) and I 95, US 13.

The foregoing Highway Traffic Ordinances are hereby adopted in accordance with the General Statutes of North Carolina (136-54, 136-30, 20-141, 20-115.1).

All the actions herein adopted are effective August 17, 2020 and are identified as follows:

ORDINANCE TYPE	ADOPT	REPEAL
Rural Speed Zones	1	2
Route Changes	3	0
STAA National Truck Network	1	1
<b>Total</b>	<b>5</b>	<b>3</b>

For ordinances requiring signing or marking, the Division Engineer for each affected Division shall cause to be installed appropriate signs or markings indicating the action of the State Traffic Engineer and these ordinances shall be in full force and effect from and after the installation of such signs or markings.

August 17, 2020

DATE



OFFICER SIGNATURE

James. K. Lacy, P.E.

TYPED NAME

State Traffic Engineer

TITLE



U.S. Department  
of Transportation  
**Federal Highway  
Administration**

Office of the Administrator

1200 New Jersey Ave., SE  
Washington, D.C. 20590

August 17, 2020

Mr. J. Eric Boyette  
Secretary  
North Carolina Department of Transportation  
1 South Wilmington Street  
Raleigh, NC 27699

Dear Secretary Boyette:

Thank you for the North Carolina Department of Transportation's (NCDOT) letter requesting the Federal Highway Administration's (FHWA) approval to add the Fayetteville Outer Loop (NC-295) from the All American Expressway (SR-1007) to US-401 (Raeford Road) in Cumberland County to the Interstate System as I-295. Your request is related to the remaining 8.41-mile portion of the segment described in the 2003 Future I-295 Agreement between NCDOT and FHWA under Section 103(c)(4)(B) of Title 23, United States Code (U.S.C.). The requested segment will connect Fort Bragg Military Reservation and Pope Field to the Interstate System.

Our North Carolina Division Office confirms that the segment meets the requirements of 23 U.S.C. 103(c)(4). The segment complies with the 10 controlling criteria designated by FHWA for Interstate System design standards. The requested segment is also a logical addition or connection to the Interstate System by connecting a major traffic generator (Fort Bragg) to the existing Interstate System and US-401, a Strategic Highway Network route. Based on our reviews and the American Association of State Highway and Transportation Officials' conditional approval of the numbering, I hereby approve the addition of the segment of NC-295 from SR 1007 to US-401 to the Interstate System as I-295.

Sincerely,

Nicole R. Nason  
Administrator

cc:  
Jim McDonnell, P.E.  
(AASHTO)



# AASHTO



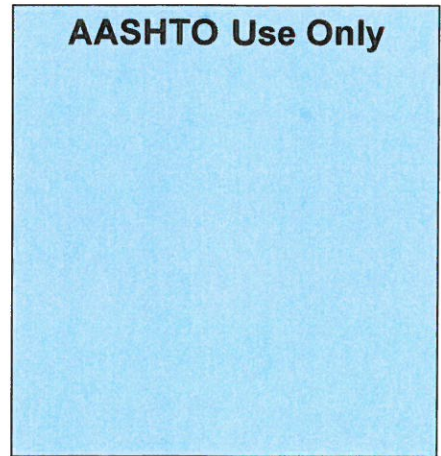
(Spring 2020)

## American Association of State Highway and Transportation Officials

An Application from the State Highway or Transportation Department of North Carolina for:

- Elimination of a U.S. (Interstate) Route
- Establishment of a U.S. (Interstate) Route
- Extension of a U.S. (Interstate) Route
- Relocation of a U.S. (Interstate) Route
- Establishment of a U.S. Alternate Route
- Establishment of a Temporary U.S. Route
- \*\*Recognition of a Business Route on U.S. (Interstate) Route
- \*\*Recognition of a By-Pass Route on U.S. Route

I-295



Between US 401 in Cumberland County and SR 1007 in Cumberland County

The following states or states are involved:  
North Carolina

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- \*\*\*"Recognition of..."A local vicinity map needed on page 3. On page 6 a short statement to the effect that there are no deficiencies on proposed routing, if true, will suffice.
- If there are deficiencies, they should be indicated in accordance with page 5 instructions.
- **All applications requesting Interstate establishment or changes are subject to concurrence and approval by the FHWA**

DATE SUBMITTED: April 3, 2020

SUBMIT APPLICATION ELECTRONICALLY TO [usroutes@aaashto.org](mailto:usroutes@aaashto.org)

- **\*Bike Routes:** this form is not applicable for US Bicycle Route System
- Different actions require separate applications even for the same route



The purpose of the **United States (U.S.) Numbered Highway System** is to facilitate travel on the main interstate highways, over the shortest routes and the best available roads. A route should form continuity of available facilities through two or more states that accommodate the most important and heaviest motor traffic flow in the area.

The routes comprising the **National System of Interstate and Defense Highways** will be marked with its own distinctive route marker shield and will have a numbering system that is separate and apart from the U.S. Numbered Highway System. For the convenience of the motorist, there must be continuity and a uniform pattern of marking and numbering these Interstate routes without regard to state lines.

The U.S. Numbered System was established in 1926 and the Interstate Numbered System was established in 1956. Both have reached the period of review, revision, and consolidation. They now need perfecting rather than expansion. Therefore, any proposed alteration in the established systems should be extremely meritorious and thoroughly, though concisely, explained in order that the Special Committee on U.S. Route Numbering and the Standing Committee on Highways of the Association may give prompt and proper consideration to each and every request made by a member department.

**Explanation and Reasons for the Request:** (Keep concise and pertinent.) \_\_\_\_\_

This section of roadway has been built to interstate standards and is anticipated to be fully open to traffic in August of 2020. The portion of this route from SR 1400 (Cliffdale Road) to SR 1007 (All American Expressway) is currently open to traffic as NC 295. Upon completion of U-2519CA, this section of roadway will connect from an Interstate (I-295) to US 401, a STRAHNET Route. This proposed extension is a logical extension to the Interstate System and is a portion of the 2003 Future I-295 Agreement between NCDOT and FHWA.

Date facility available to traffic Partially open to traffic now with remaining piece scheduled for August 2020 opening

Does the petition propose a new routing over a portion of an existing U.S. Route? No If so, where? \_\_\_\_\_

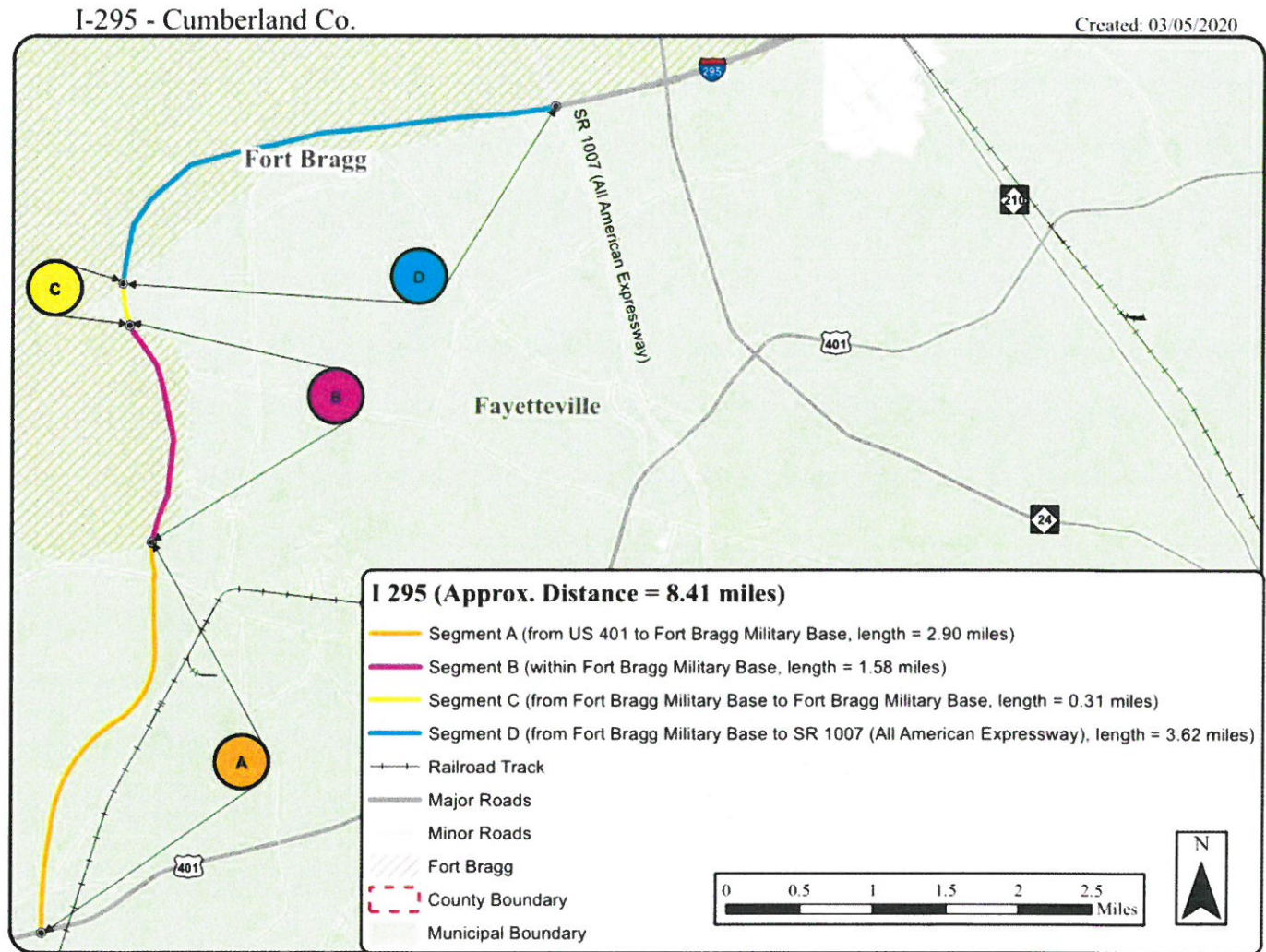
Does the petition propose a new routing over a portion of an existing Interstate Route? No If so, where? \_\_\_\_\_



**Map of state, or portion thereof, indicating proposed addition or change in the U.S. Numbered or Interstate Numbered System:**

Send your PDF color map to [jdawkins@ashto.org](mailto:jdawkins@ashto.org) with this application.

(Indicate termini and control points on the map for the route, and number them in sequence. Use the same numbers in column 1 tabulation, page 6, when listing mileage. **Towns, cities, major highway intersections and state lines to be used as control points.** The top of column 1, page 6, will be one terminus, and column 1 will give the log of the route as needed to describe the route in the Association publication *U.S. Numbered Highways* if the application is approved by the Standing Committee on Highways.)



The State agrees and pledges its good faith that it will not erect, remove, or change any U.S. or Interstate Route Markers on any road without the authorization, consent, or approval of the Standing Committee on Highways of the American Association of State Highway and Transportation Officials, notwithstanding the fact that the changes proposed are entirely within this State.

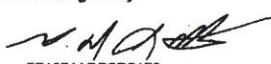
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The weighted average daily traffic (ADT) volume along the proposed route, as shown on the map on page 3, is 43,300 as compared to 22,800 for the year 2017 for the remaining portions of this U.S. Numbered Route in the State.

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The *Purpose and Policy in the Establishment and Development of the United States Numbered Highways, as Retained from October 3, 1991* or the *Purpose and Policy in the Establishment of a Marking System of the Routes Comprising the National System of Interstate and Defense Highways as Retained from August 10, 1973* has been read and is accepted.

In our opinion, this petition complies with the above applicable policy.

DocuSigned by:  
  
FF1671ADD2D24F8...  
\_\_\_\_\_  
(Signature)  
NCDOT Division of Highways, Chief Engineer  
\_\_\_\_\_  
(Member Department)

**Chief Executive Officer**

This petition is authorized by official action of \_\_\_\_\_  
under date of \_\_\_\_\_ as follows: (Copy excerpt from minutes.)

All applications must be endorsed by the member department CEO. A **letter** from your Chief Executive Officer with the **CEO's signature** is sufficient when submitting your application, if you choose not to include the signature on this form.

## Instructions for Preparation of Page 6

**Column 1: Control Points and Mileage.** Top of column is one terminus of road. Indicate control points by identical number as shown on map on page 3. Show mileage between control points in miles and tenths.

<b>Column 2: Pavement Type.</b>	<b>Code</b>
High type, heavy duty	H
Intermediate type	I
Low type, dustless	L (show in red)
Not paved	N (show in red)

<b>Column 3: Pavement Condition</b>	<b>Code</b>
Excellent	E
Good	G
Fair	F (show in red)
Poor	P (show in red)

NOTE: In columns 2 and 3, where pavements types and conditions change, the location of the change shall be indicated by a short horizontal line at the proper place opposite the mileage log and the proper code letter (shown above) shall be entered in the respective column between the locations so indicated.

**Column 4: Traffic.** Indicate average daily traffic volumes in this column. Points of changes in these data to be indicated by short horizontal lines opposite the appropriate mileage point on the mileage log. Any existing main line rail crossing that is not separated shall be indicated at the appropriate mileage point by RXR - black if signalized - red if not protected by signals.

**Columns 5 & 6 Pavement Width and Shoulder Width.** These columns to be completed by comparing standards of highway involved with applicable AASHTO standards. Entries that fall to the right of the tolerance lines (dashed) should be shaded in red. If there are no deficiencies indicate by use of the word NONE.

**Columns 7 & 8 Major Structures.** Show in these columns those structures that do not meet AASHTO standards. Show by horizontal line sufficiently long to indicate percentage of deficiency. Portion on right of tolerance line shall be shown in red. Indicate length of structure in feet immediately under the line. Any sub-standard highway underpass structure shall be shown opposite the appropriate mileage point by the designation LP with the vertical clearance in feet following and shown in red. If there are no deficiencies indicate by the use of the word NONE.

**Column 9: Vertical Sight Distance.** Items to be shown in this column as a horizontal line, the length of which will indicate the deficiency as determined in accordance with comparisons with comparable AASHTO standards. Portions of the line past the tolerance line shall be shown in red.

**Column 10: Horizontal Curvature.** Curves in excess of AASHTO applicable standards to be shown in this column by a short horizontal line with degree of curve shown immediately above the line. To be shown in red.

**Column 11 Percent Grades.** Show by horizontal lines opposite proper mileage point on mileage log. Show percent of grade above the line and length of grade in feet immediately below. To be shown in red.

*What follows is an Excel worksheet that you can open by right clicking your mouse and select "**Worksheet Object**" – you can then Edit, Open or Convert but you must first unlock the form as show when inserting maps.*



Mileage	1	2	3	4	5	6	7	8	9	10	11		
	Control Points and Mileage	Pavement Type	Pavement Condition	Traffic ADT	Comparison to Applicable AASHTO Design Standards							Show When In Excess of Standard	
					Pavement Width Deficiency	Shoulder Width Deficiency	Major Structures		Vertical Sight Distance Deficiency	Horizontal Curvature	Percent Grade		
							Roadway Width Deficiency	H - Loading Deficiency					
					Percent	Percent	Percent	Percent	Percent				
10 20 30 40	20 40 60 80	10 20 30 40	20 40 60 80	20 40 60 80	Degree	Length							
0	A	H	E	37,300	None	None	None	None	None	None	None		
	B			41,600									
5	C			41,600									
	D			48,900									
10													
15													
20													
25													

Attach additional sheet here if necessary

Contact Information:

**Name** Renee B. Roach, PE  
**Telephone Number** 919-814-5020 (phone), 919-771-2745 (fax)  
**Email Address** rroach@ncdot.gov

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The following description will be provided to the AASHTO Highways Special Committee on U. S. Route Number (USRN).

Where does the route begin?

Where is it going?

What type of facility is it traveling over?

Explain the direction (north, east, south, and west)

Name the focal point city or cities

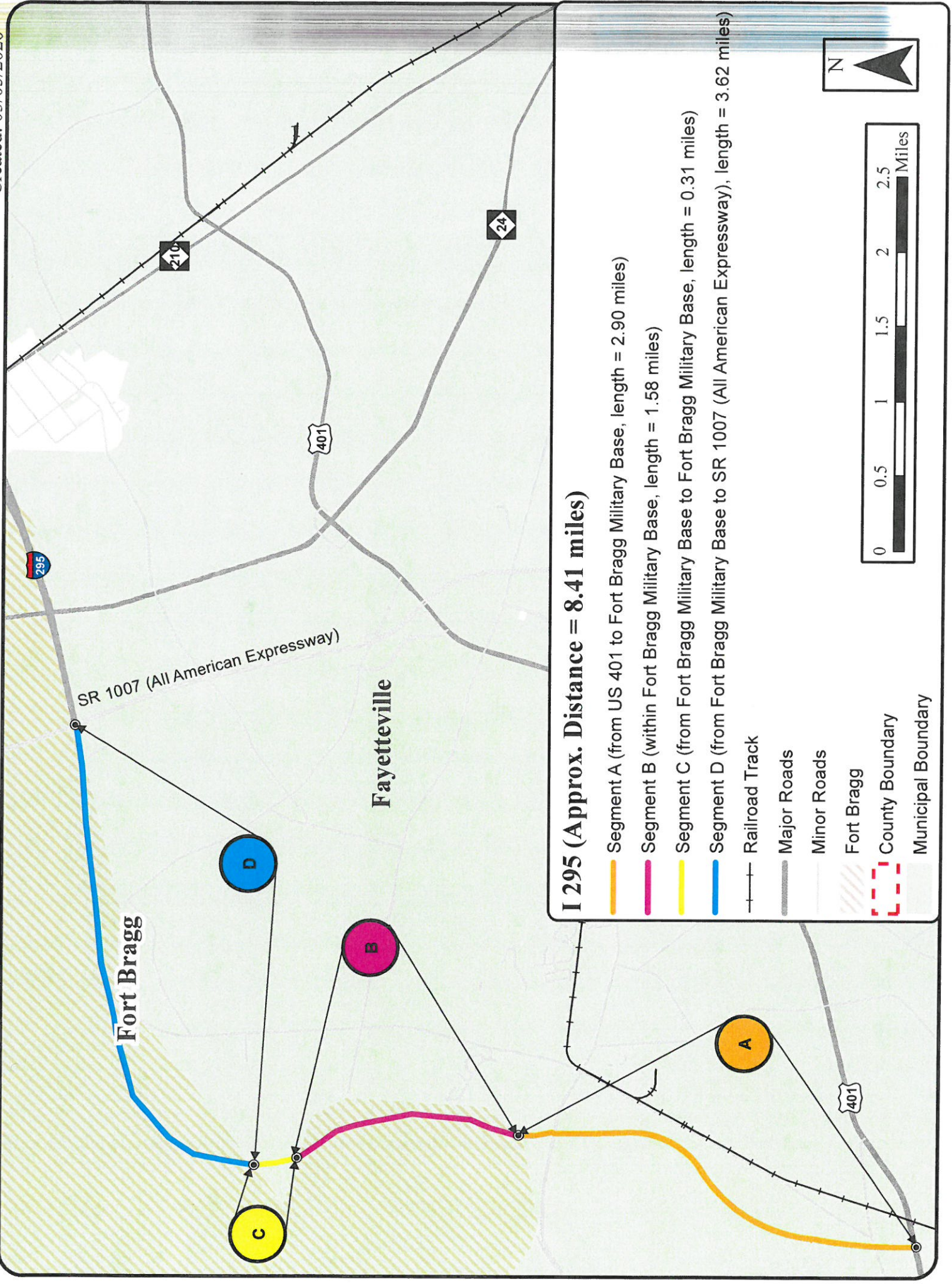
Total number of miles the route will cover

Where does it end?

**Begin your description here in unformatted single spaced paragraph format:**

The route begins at US 401 in Cumberland County. It is going along Fort Bragg Military Installation and Fayetteville City Limits. The route is traveling along a multi-lane, divided, full access control facility. The route is going north and east. The focal point city along this route is Fayetteville. The route will cover approximately 8.41 miles. The route ends at SR 1007 (All American Expressway) in Cumberland County.







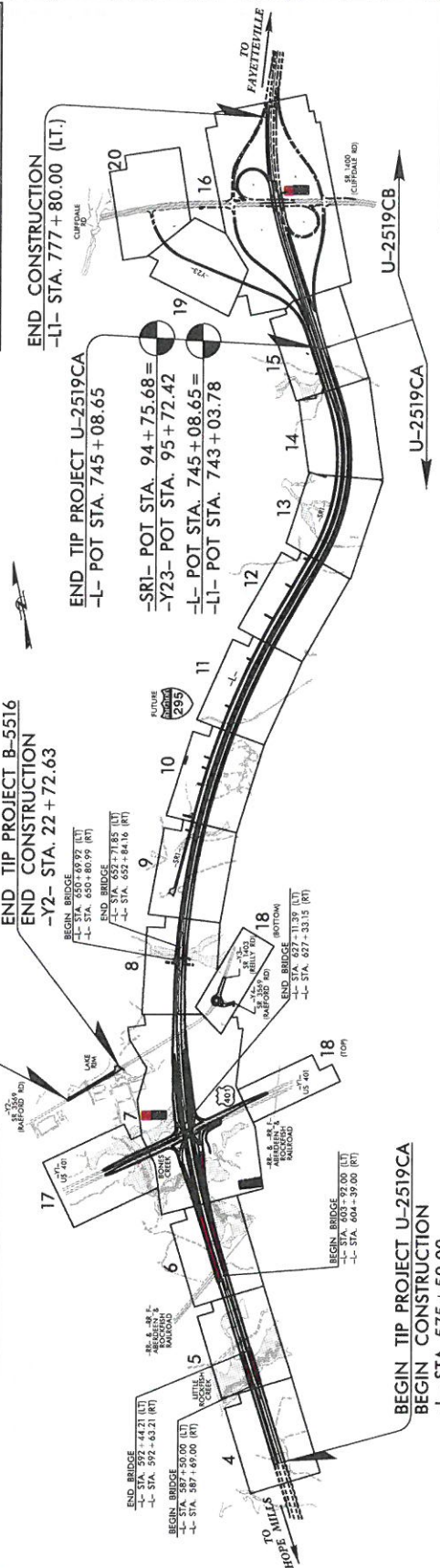
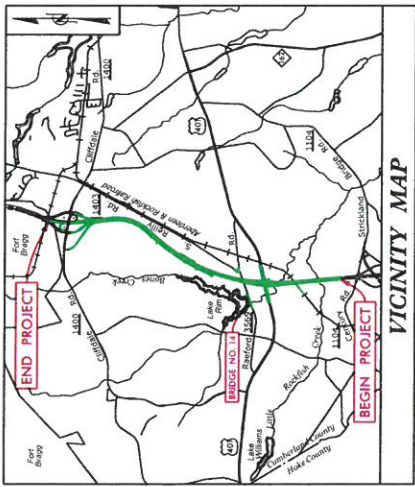
PROJECT NO.	STATE PROJECT NUMBER	DATE	SCALE
N.C. U-2519CA & B-5516	1	10/5	
DATE	PROJECT NUMBER	DATE	SCALE
3/4/817.3.13	NHP-0420(031)		



**RFC ROADWAY  
PLANS REV No.1**  
SUBMITTED: 09-27-18  
SUBMITTAL #S-114

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

LOCATION: FUTURE I-295 - FAYETTEVILLE OUTER LOOP FROM SOUTH OF US 401 TO SOUTH OF SR 1400 (CLIFFDALE ROAD).  
TYPE OF WORK: GRADING, PAVING, DRAINAGE, RETAINING WALLS, STRUCTURES & SIGNALS



**END CONSTRUCTION**  
-L1- STA. 777 + 80.00 (LT.)

**END TIP PROJECT U-2519CA**  
-L- POT STA. 745 + 08.65

-SR1- POT STA. 94 + 75.68 =  
-Y23- POT STA. 95 + 72.42 =  
-L- POT STA. 745 + 08.65 =  
-L1- POT STA. 743 + 03.78

**BEGIN TIP PROJECT B-5516**  
BEGIN CONSTRUCTION  
-Y2- STA. 13 + 75.00

**END TIP PROJECT B-5516**  
END CONSTRUCTION  
-Y2- STA. 22 + 72.63

**BEGIN TIP PROJECT U-2519CA**  
BEGIN CONSTRUCTION  
-L- STA. 575 + 50.00

**END TIP PROJECT U-2519CA**  
END CONSTRUCTION  
-L1- STA. 777 + 80.00 (LT.)

**PROPOSED TRAFFIC SIGNAL**

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**HDR**

**BARNHILL CONTRACTING COMPANY**

**HYDRAULICS ENGINEER**  
JOSHUA J. MASSROCK, PE  
9/27/2018

**ROADWAY DESIGN ENGINEER**  
PHILLIP E. ROGERS, PE  
9/27/2018

**PROJECT ENGINEER**  
PAUL A. MEEHAN, PE  
JUNE 21, 2016

**PROJECT DESIGN ENGINEER**  
PHILLIP E. ROGERS, PE  
JUNE 21, 2016

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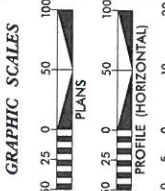
Prepared for the Office of:  
**DIVISION OF HIGHWAYS**  
1800 Birch Ridge Dr., Raleigh, NC, 27610

**RIGHT OF WAY DATE:**  
JUNE 21, 2016

**LETTING DATE:**  
JUNE 21, 2016

<b>PROJECT LENGTH</b>	LENGTH ROADWAY TIP PROJECT U-2519CA = 2.645 MILES
	LENGTH STRUCTURE TIP PROJECT U-2519CA = 0.567 MILE
	TOTAL LENGTH TIP PROJECT U-2519CA = 3.212 MILES
	LENGTH ROADWAY TIP PROJECT B-5516 = 0.156 MILE
	LENGTH STRUCTURE TIP PROJECT B-5516 = 0.014 MILE
	TOTAL LENGTH TIP PROJECT B-5516 = 0.170 MILE
	NCDOT CONTACT: K. ZAK HAMIDI, PE - PROJECT ENGINEER

<b>DESIGN DATA</b>	ADT 2015 = 36,000
	ADT 2040 = 47,700
	DHV = 8%
	D = 55%
	T = 12%
	V = 70 MPH
	*(TTST 4% + DUALS 8%)
<b>FUNC CLASS</b>	FREEWAY INTERSTATE STATEWIDE TIER

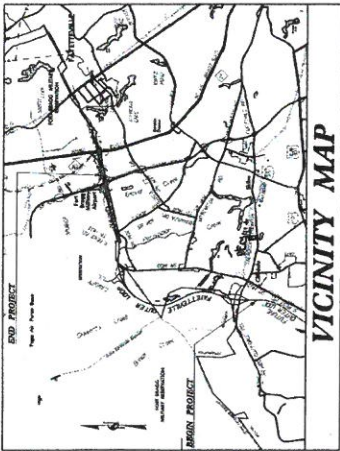


THIS IS A CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES.

**CONTRACT: C203759 TIP PROJECT: U-2519CA & B-5516**



See Sheet 1-4, City Plan of Census  
 Sec. 5007, 1-2, For Conventional Symbols



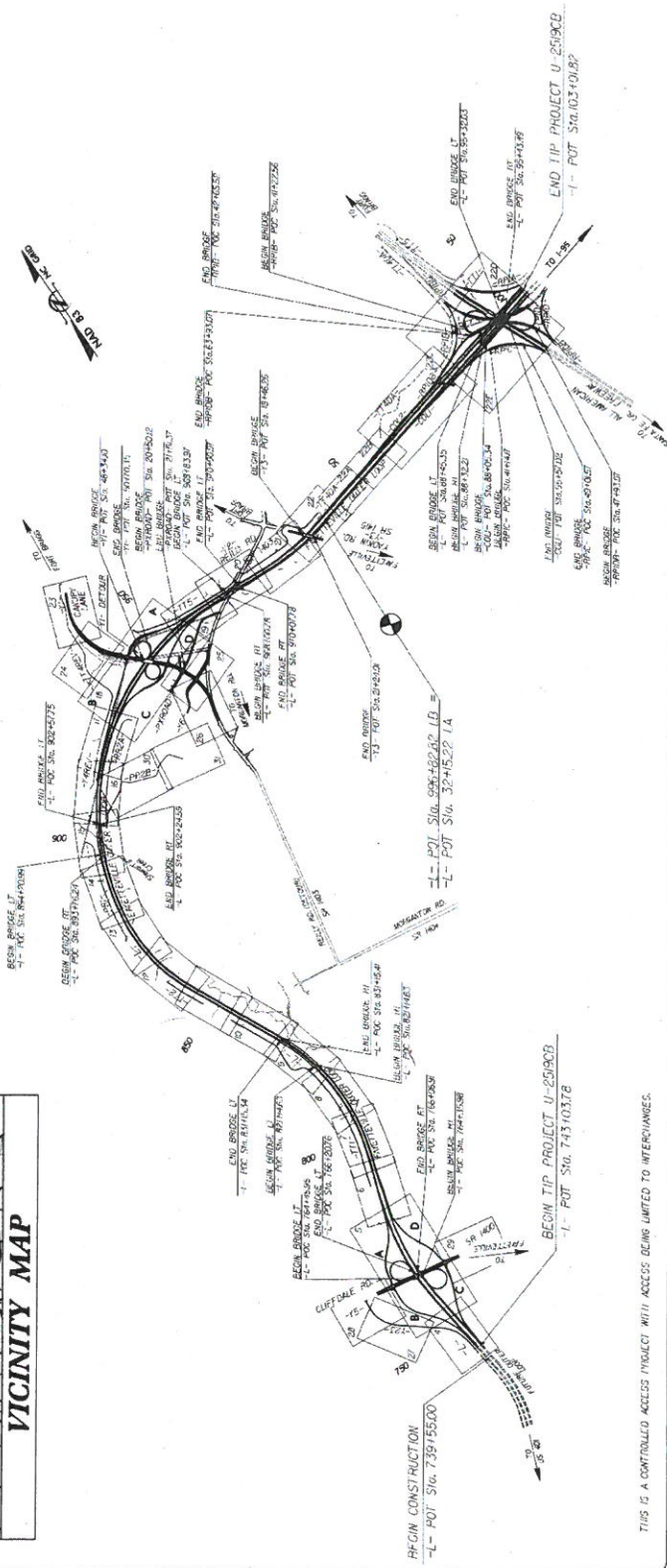
STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS

# CUMBERLAND COUNTY

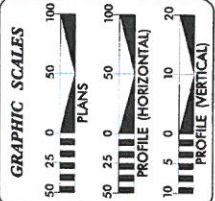
LOCATION: FAYETTEVILLE OUTER LOOP  
 FROM SOUTH OF SR 1400 (CLIFFDALE ROAD)  
 TO EAST OF ALL AMERICAN FREEWAY

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

STATE	N.C.
PROJECT NO.	U-2519CB
SECTION	1
DATE	
DESIGNER	
BY	
CHECKED BY	
DATE	
SCALE	
PROJECT NO.	34817.1.2
SECTION	NHF-DPR-01000001
BY	P.E.
CHECKED BY	B.W. UTL
DATE	34817.2.8
PROJECT NO.	34817.3.58
SECTION	CONST.



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



**DESIGN DATA**

ADT 2014	= 49,900
ADT 2034	= 70,300
DHV	= 8 %
D	= 55 %
T	= 12 %
V	= 70 MPH
* (TST = 4 + DUAL = 8)	
FUNC CLASS : INTERSTATE	
STATEWIDE TIER	

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT U-2519CB	= 5.592 MILES
LENGTH STRUCTURES TIP PROJECT U-2519CB	= 0.557 MILES
TOTAL LENGTH OF TIP PROJECT U-2519CB	= 6.149 MILES

Prepared in the Office of:  
**ARCHITECTS-ENGINEERS-PLANNERS, INC.**  
 4613 SIX FORKS RD., SUITE 200  
 FAYETTEVILLE, NC 28404  
 THE STANDARD SPECIFICATIONS  
 PROJECT ENGINEER  
**KENNETH HERRING, PE**  
 PROJECT DATE:  
 JULY 31, 2006  
 LETTING DATE:  
 AUGUST 19, 2014

**HYDRAULICS ENGINEER**  
 ROADWAY DESIGN ENGINEER  
 J. Talley  
 6-7-14, P.E.



TIP PROJECT: U-2519CB

CONTRACT: C203398