



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

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

CERTIFICATION OF RULEMAKING

|   |                                     |          |                          |                          |        |
|---|-------------------------------------|----------|--------------------------|--------------------------|--------|
| <b>Certifying Agency:</b><br>Department of Transportation   |                                     |          |                          |                          |        |
| <b>Action:</b>  | <input checked="" type="checkbox"/> | Adoption | <input type="checkbox"/> | <input type="checkbox"/> | Repeal |
| <b>Statutory Authority:</b><br>20-115.1 (g).  |                                     |          |                          |                          |        |
| <b>Public Hearing Not Required For This Action Under:</b><br>GS 150A-1, 20-1.                     |                                     |          |                          |                          |        |
| <b>Rule Summary:</b><br>STAA Designated Route (Twins Only).                                       |                                     |          |                          |                          |        |
| <b>Circumstances Requiring Rule Adoption, Repeal:</b><br>Necessary for public safety and welfare. |                                     |          |                          |                          |        |
| <b>Effective Date:</b><br>March 03, 2011  |                                     |          |                          |                          |        |

March 03, 2011  
DATE

  
OFFICER SIGNATURE

James. K. Lacy, P.E.

TYPED NAME

State Traffic Engineer

TITLE



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**DEPARTMENT OF TRANSPORTATION**

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The foregoing Highway Traffic Ordinances are hereby adopted in accordance with the General Statutes of North Carolina (20-115.1 (g)).

**All the actions to the Highway Traffic Ordinances herein adopted are effective March 03, 2011 and are identified as follows:**

| <b>ORDINANCE TYPE</b>              | <b>ADOPT</b> | <b>REPEAL</b> |
|------------------------------------|--------------|---------------|
| STAA Designated Route (Twins Only) | 7            | 0             |
| <b>Total</b>                       | <b>7</b>     | <b>0</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 03, 2011

\_\_\_\_\_  
**DATE**

\_\_\_\_\_  
**OFFICER SIGNATURE**

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State Traffic Engineer

TITLE

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# I N D E X

## BOARD OF TRANSPORTATION MEETING

March 2 - 3, 2011

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| Call to Order   | 2679            |
| Ethics Statement  | 2679            |
| Approval – Minutes of the February 2-3, 2011 Board Meeting  | 2679            |
| Noise Abatement Policy  | 2614            |
| Chief Operating Officer Jim Trogdon’s Remarks   | 2680            |
| Approval – Designation of Twin Trailer Truck Routes   | 2682            |
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| Financial Update  | 2682            |
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| Update on Programs  | 2684            |
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| Approval - Award of Highway Construction Contracts in the<br>February 15, 2011 Letting                    | 2686            |
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| Approval – Divisionwide Small Construction, Statewide<br>Contingency, Public Access, Economic Development | 2711            |

|  |      |
|--|------|
| Approval – Rail Program  | 2713 |
| Approval – Specific State Funds for Construction Projects                  | 2714 |
| Approval - Specific North Carolina Trust Funds                             | 2715 |
| Approval – Specific Spot Safety Improvement Projects                       | 2719 |
| Approval – Funds for Specific Federal-Aid Projects                         | 2720 |
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| Approval – Municipal and Special Agreements                                | 2733 |
| Approval – Municipal Street System Changes                                 | 2745 |
| Approval – Preliminary Right of Way Plans                                  | 2746 |
| Approval – Final Right of Way Plans  | 2749 |
| Approval – Revisions of Final Right of Way Plans                           | 2750 |
| Approval – Conveyance of Highway Right of Way Residues                     | 2752 |
| Approval – Conveyance of Surplus Highway Right of Way                      | 2753 |
| Approval – Revision in Control in Access                                   | 2753 |
| Approval – Acquisition of Structures Partially Outside the<br>Right of Way | 2754 |
| Approval – North Carolina Mobility Funds                                   | 2755 |

Additional Business

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| Committee Reports | 2756 |
| Adjournment       | 2757 |

### **Approval - Designation of Twin Trailer Truck Routes**

Kevin Lacy, State Traffic Engineer, presented information to the Board regarding the designation of twin trailer trucks on the US 117 Connector and parts of US 117, NC 581 and NC 581 Connector between I-40 in Sampson County and US 70 in Wayne County. The staff recommended this designation for use by truck tractors with twin trailers and added to the North Carolina Truck Network.

A motion to approve was made by Board Member Tulloss, which was seconded by Board Member Proffitt.

### **Legislative Report**

Beau Memory, Legislative Liaison, updated the Board on the new session. Mr. Memory stated the committee structures have all changed. NCDOT will have a very limited policy agenda during this session and the main focus will be on the budget. A spreadsheet was distributed showing the effect of capping the gas tax, which is something that is being discussed during this legislative session.

### **Financial Update**

Chief Financial Officer Mark Foster presented the Board with the current financial report. The Governor's budget was released a couple of weeks ago. This budget will now be considered by the legislature. Mr. Foster stated the Triangle Expressway is making good progress, it is on schedule and under budget. He also stated that cash-wise we are in good shape and where we should be. There is currently \$900 M in the bank and we will be watching cash flow closely.



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

October 7, 2010

Honorable Representative Joe Hackney  
Honorable Senator Marc Basnight  
Co-Chairs, Joint Legislative Commission on Governmental Operations  
North Carolina General Assembly  
Legislative Building  
16 West Jones Street  
Raleigh, North Carolina 27601

Subject: Designation of US 117 Connector et al for use by Trucks with Twin Trailers

Dear Gentlemen:

It is our recommendation to designate US 117 Connector and parts of US 117, NC 581, and NC 581 Connector between I 40 in Sampson County and US 70 in Wayne County as a twin trailer route. These additions to the North Carolina Truck Network were requested by W.T.S. Express of Mount Olive. In accordance with designation procedures outlined in General Statute §20-115.1, we have completed the following requirements:

- A determination of public convenience and need (§20-115.1, g, 1)
- A traffic engineering study indicating the subject route can safely accommodate and has sufficient capacity to handle these vehicle combinations (§20-115.1, g, 2)
- The opportunity for a public hearing has been provided in each county through which the subject route passes (§20-115.1, g, 3)

We have not received any public opposition. Please contact me at 919-773-2800 if you have any questions or need additional details including the specific findings of our investigation.

Sincerely,

J. Kevin Lacy, P.E.  
State Traffic Engineer

JKL/rjj

cc: Eugene A. Conti, Jr., Secretary of Transportation  
Terry R. Gibson, P.E., State Highway Administrator  
Beau Memory, Legislative Liaison

**Transportation Mobility and Safety Division  
North Carolina Department of Transportation**

**PROPOSED DESIGNATION**

The following is information on the proposed designation of certain routes on the State Highway System for use by one or more types of Surface Transportation Assistance Act (STAA) dimensioned vehicles. The process for designating portions of the State Highway System is outlined in G.S. §20-115.1(g).

Request Number: D-07-2

Route(s): US 117 Connector, US 117, NC 581, and NC 581 Connector

County/Counties: Duplin, Sampson, and Wayne

Division(s): 3 and 4

Description: US 117 Connector between I-40 and the Duplin County line in Sampson County, US 117 Connector between the Sampson County line and US 117, US 117 between SR 1417 and the Wayne County line in Duplin County, US 117 between the Duplin County line and NC 581, NC 581 between US 117 and NC 581 Connector, and NC 581 Connector between NC 581 and US 70 in Wayne County

STAA Vehicle(s): Truck Tractors with Twin Trailers

Contact Person: Lisa Avery, STAA Program Coordinator  
919-773-2893  
[lavery@ncdot.gov](mailto:lavery@ncdot.gov)

Origination: October 5, 2007

Requested By: W.T.S. Express (Mount Olive, NC) – 10/5/07

Investigation(s): December 22, 2008

Support: Town of Mount Olive  
Town of Calypso  
State Highway Patrol

Opposition: None

Public Notice: NCDOT News Release (7/22/10)  
News Leader (Princeton, 7/22/10 and 7/29/10)  
News-Argus (Goldsboro, 7/22/10, 7/29/10, and 8/5/10)

Administrator: October 7, 2010

Hearing Notice: No hearing requested

Public Hearing: No hearing requested

Joint Legislative Commission on Governmental Operations:

October 7, 2010 (sent), October 11, 2010 (receipt confirmation)

Legislative Consultation Complete:

January 9, 2011

Date to Board of Transportation:

March 2, 2011

## D-07-2

### Designation of Twin Trailer Trucks on US 117 Connector and Parts of US 117, NC 581 and NC 581 Connector between I-40 in Sampson County and US 70 in Wayne County

Map 1:

Location of proposed designated route in relationship to major roads, counties, and municipalities.







STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

December 22, 2008

**TO:** T. M. Hopkins, P.E.  
State Traffic Safety Engineer

**FROM:** P. H. Daughtry, III, P.E. *P. H. Daughtry, III, PE*  
Eastern Region Mobility and Safety Field Operations Engineer

**SUBJECT:** STAA Designation Route D-07-2

This is in reference to the request from W.T.S. Express requesting STAA Designation for a route in Sampson, Duplin, and Wayne Counties. My findings and recommendations are as follows:

Description:

**Sampson County**

- NC 403 between I-40 and SR 1783.
- SR 1783 between NC 403 and the Duplin County Line.

**Duplin County**

- SR 1417 between the Sampson County Line and US 117.
- US 117 between SR 1417 and the Wayne County Line.

**Wayne County**

- US 117 between the Duplin County Line and NC 581.
- NC 581 between US 117 and NC 581 Connector.
- NC 581 Connector between NC 581 and US 70.

General:

Although there are seven names for the various segments, the roadway is one contiguous corridor. The total length of the entire corridor is approximately 23.6 miles. The sections of NC 403 and SR 1783 in Sampson County and SR 1417 in Duplin County are commonly known as US 117 Connector, and will be referenced as such in the remainder of this document.

Lane Widths:

The corridor is a four-lane divided facility with turn lanes at appropriate locations. The lanes are 12 feet wide and overall pavement condition is good throughout this section.

**MAILING ADDRESS:**  
TRANSPORTATION MOBILITY AND SAFETY DIVISION  
EASTERN REGION FIELD OPERATIONS  
P.O. BOX 3165  
WILSON NC 27895

TELEPHONE: 252-237-6164  
FAX: 252-234-6174

WEBSITE: [WWW.NCDOT.ORG](http://WWW.NCDOT.ORG)

**LOCATION:**  
509 SW WARD BLVD  
WILSON NC 27893

Shoulders:

The shoulders vary from curb and gutter to two-foot to 10 foot paved with acceptable soil shoulders.

Alignment:

The alignment is very good throughout this route.

Bridges:

There are no narrow or weight-restricted bridges.

Speed Limit:

The speed limit varies from 50 MPH on NC 581 Connector, NC 581, and US 117 in Goldsboro to statutory 55 MPH on US 117 and 60 MPH on the majority of US 117 Connector.

Intersections:

There are two turns along this route, both from National Truck Network routes:

1. Right or left turn onto NC 581 Connector entrance ramp from US 70, which is signalized.
2. Right or left turn onto NC 403 (US 117 Connector) from I-40 exit ramps, which is controlled by stop signs.

Schools:

There are no schools along the corridor.

Railroad Crossings:

There are two rail crossings protected by gates and flashers along the corridor.

Accidents:

Based on the three year study period from September 1, 2005 through August 31, 2008, the Total and Truck Crash Rates are above the critical rates for the entire corridor. However, 11 of 14 sections are below the critical rates. The three sections of concern comprise only 2.3 miles of this 23.6-mile corridor. The most severe section is less than 0.5-mile long and was under construction for much of the study period.

Recommendation and Conclusion:

I recommend that the STAA Designation request described in this report be approved. If additional information is required, please advise.

PHD3:hd

cc: M. P. Butler, P.E.  
L. N. Avery