



American Association of State Highway and Transportation Officials

Please save and send as a word file. You can attach a map in PDF or JPG with the application to

usroutes@ashto.org (M.Vitale)

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

US 52 Bus.

AASHTO Use Only

Date received:

Date to Special Committee on U.S. Route Number:

Date Presented to Standing Committee on Highways (SCOH):

Action taken by SCOH:

Member Department Notified:

Between US 52/NC 73/NC 138 (Aquadale Rd) and US 52/US 52 Business (S. Second St).

The following states or states are involved:

North Carolina

- *****"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 9, 2010

SUBMIT APPLICATION ELECTRONICALLY TO usroutes@ashto.org

***U.S. Bicycle Route System:** this form is not applicable for US Bicycle Route System see new form.

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 (US and Interstates Only): (Keep concise and pertinent.)

This request is to extend the existing US 52 Business route. This is in conjunction with the US 52 application and will provide the necessary terminus point at a US route. The change to the US 52 designation is requested in order to maintain the connection between the existing end of US 52 Business and the proposed new alignment of US 52.

Date facility available to traffic:

Route is currently open to traffic.

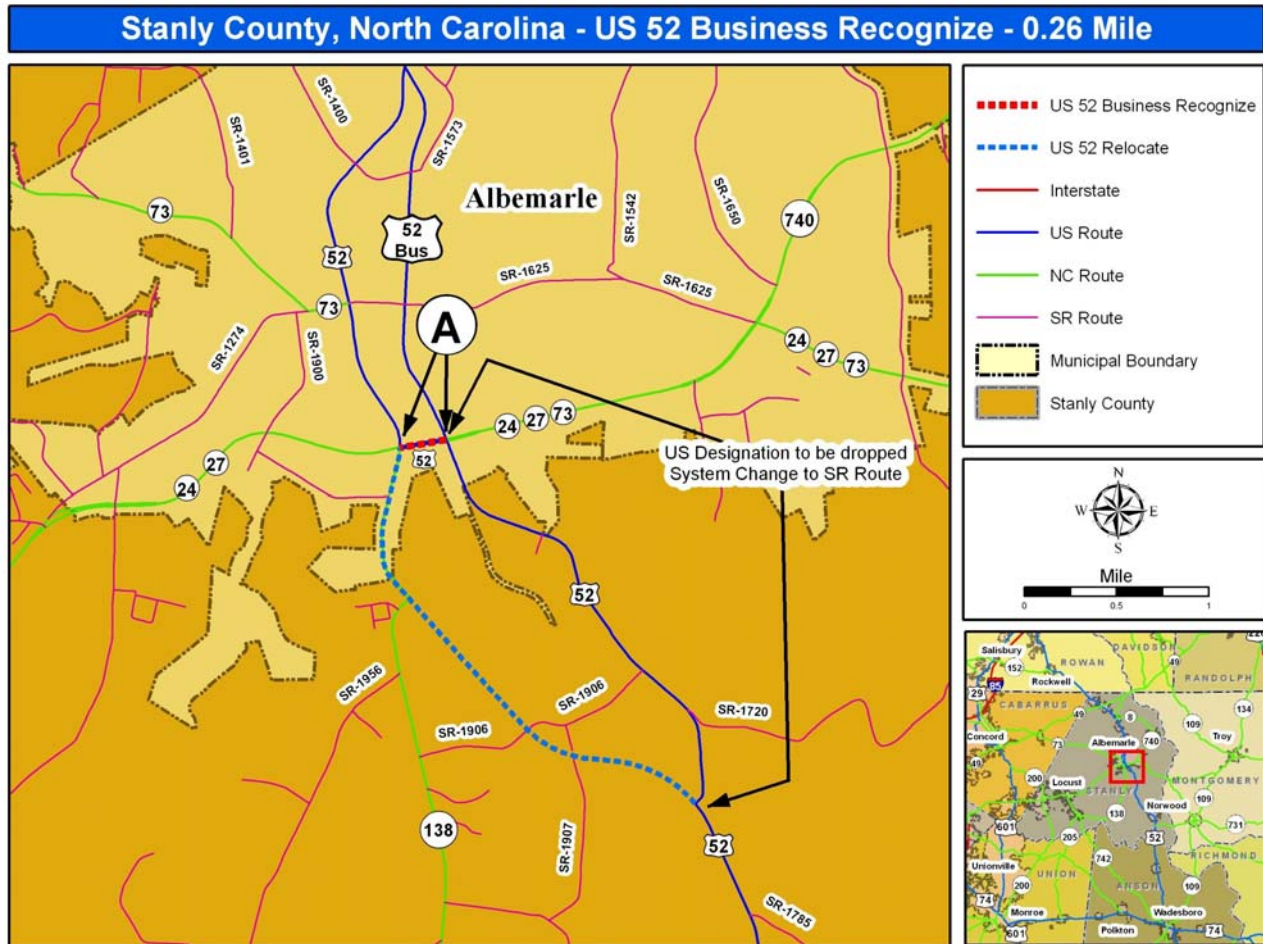
Does the petition propose a new routing over a portion of an existing U.S. Route? **Yes**
If so, where?

The routing of US 52 Business is proposed to replace the designation of US 52 on the segment of road where it runs common with NC 24/27/73.

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 (This includes US and Interstates) U.S. Numbered or Interstate Numbered System:

There are two ways to do this follow the instructions below or convert your map in PDF format and submit as a separate document along with this application to usroutes@aashto.org. It is your preference, however all files are converted to PDF once received by AASHTO.



(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.

The weighted average daily traffic volume along the proposed route, as shown on the map on page 3, is **21,000** as compared to **11,800** for the year **2008** for all other U.S. Numbered Routes in the State.

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.

(Signature Required – see note below)

Chief Executive Officer



North Carolina Department of
Transportation

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

(This includes US, Interstates)

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.

(US and Interstates Only)

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.

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

Column 3:	Pavement Condition	Code
	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.

Double click inside frame to release excel worksheet. Click outside frame to re-lock. (US and Interstates Only)

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								
10	20	30	40	20	40	60	80	10	20	30	40	20	40	60	80	20	40	60	80	Degree	Length
0.00	A	H	G	21,000	Existing US Route, Built to AASHTO Standards, No Deficiencies																
0.10																					
0.20																					
0.26																					
0.30																					
0.40																					
0.50																					
0.60																					
0.70																					
0.80																					

Attach additional sheet here if necessary

(Contact person regarding this application:

Name: **Thomas Schroeder**

Address: **3401 Carl Sandburg Ct., Raleigh, North Carolina 27610**

Telephone Number: **919-212-6090**

Fax Number: **919-212-5999**

Email Address: **tschroeder@ncdot.gov**

Description to be provided to the AASHTO Highways Special Committee on US Route Number (USRN) when they review this application:

- Where does the route begin? (Intersection or Mile Marker)
The route begins at the intersection where the new US 52 alignment ends and NC 24/27 intersects with US 52.
- Describe where it is going?
The route is traveling over the existing alignment of US 52 in order to maintain the connection with the proposed beginning of the new alignment for US 52.
- What type of facility is it traveling over? (New alignment or over an existing pathway)
Existing Alignment
- Give the direction of travel(north, east, south, and west)
East
- Name the focal point city or cities
Albemarle, North Carolina
- Length of route in miles.
0.26 Mile
- Where does it end? (Terminal intersection or mile marker)
The route ends at the current end of US 52 Business and the intersection of NC 24/27/73.