



The alignment of the proposed ramp from northbound NC 87 onto US 701 has been changed in order to reduce the amount of right of way required from the former Bladen County Landfill. This design change will reduce impacts to the landfill and will reduce stream impacts by approximately 100 feet.

Table 3 in the CE describes the proposed bridge structures to carry NC 87 Bypass over US 701 at the interchange and a new bridge to replace existing Bridge Number 3 carrying US 701 over Browns Creek. The current project design shows the proposed length of Bridge Number 3 has increased from 70 feet as shown in the CE to approximately 105 feet, which will not result in additional impacts to natural resources.

Following completion of the CE, a landowner notified NCDOT Roadway Design of gravesites located in the northeast quadrant of the proposed interchange. Surveys have confirmed there are approximately 26 graves within the proposed right of way for the project. Due to the location of the graves, the project alignment cannot be shifted to avoid them. These graves will be relocated in accordance with GS 65-13.

IV. LIST OF ENVIRONMENTAL COMMITMENTS

See attached list of environmental commitments.

V. COORDINATION

Project Development and Environmental Analysis Branch personnel have discussed current project proposals with others as follows:

Design Engineer:	<u>Gary Lovering</u>	<u>2/11/13</u> Date
FHWA Engineer:	<u>Ron Lucas</u>	<u>3/4/13</u> Date
Permits Section:	<u>John Merritt</u>	<u>2/8/13</u> Date

VI. NCDOT CONCURRENCE

*Kim L. Gillespie*  
Project Development Engineer 3/5/13  
Date

*For* *Pat C. Hanon*  
Project Development and Environmental Analysis Branch 3/5/13  
Manager Date

VII. FHWA CONCURRENCE

*[Signature]*  
Federal Highway Administration 3/5/13  
Division Administrator Date

## PROJECT COMMITMENTS

Proposed US 701 and NC 87 Bypass Interchange,  
Bladen County  
Federal-Aid Project NHF-87(15)  
WBS Element 40226.1.1  
**TIP Project R-4903**

Current status, changes, or additions to the project commitments as shown in the environmental document for the project are printed in *italics*.

### **Roadway Design Unit**

Four-foot wide paved shoulders will be provided along US 701 within the project study area to accommodate bicycles.

*Four-foot wide paved shoulders are shown on current design plans.*

### **Project Development and Environmental Analysis**

NCDOT will investigate reducing impacts to wetlands WF and WO, and streams SA 6, SA 7, SA 10, SA 13 and SA 14 during final design.

NCDOT Best Management Practices for the Management of Invasive Plant Species will be followed for this project.

*These commitments will be implemented during project construction.*

### **Hydraulics Unit**

The Hydraulics Unit will coordinate with the NC Floodplain Mapping Program (FMP), to determine status of project with regard to applicability of NCDOT'S Memorandum of Agreement, or approval of a Conditional Letter of Map Revision (CLOMR) and subsequent final Letter of Map Revision (LOMR).

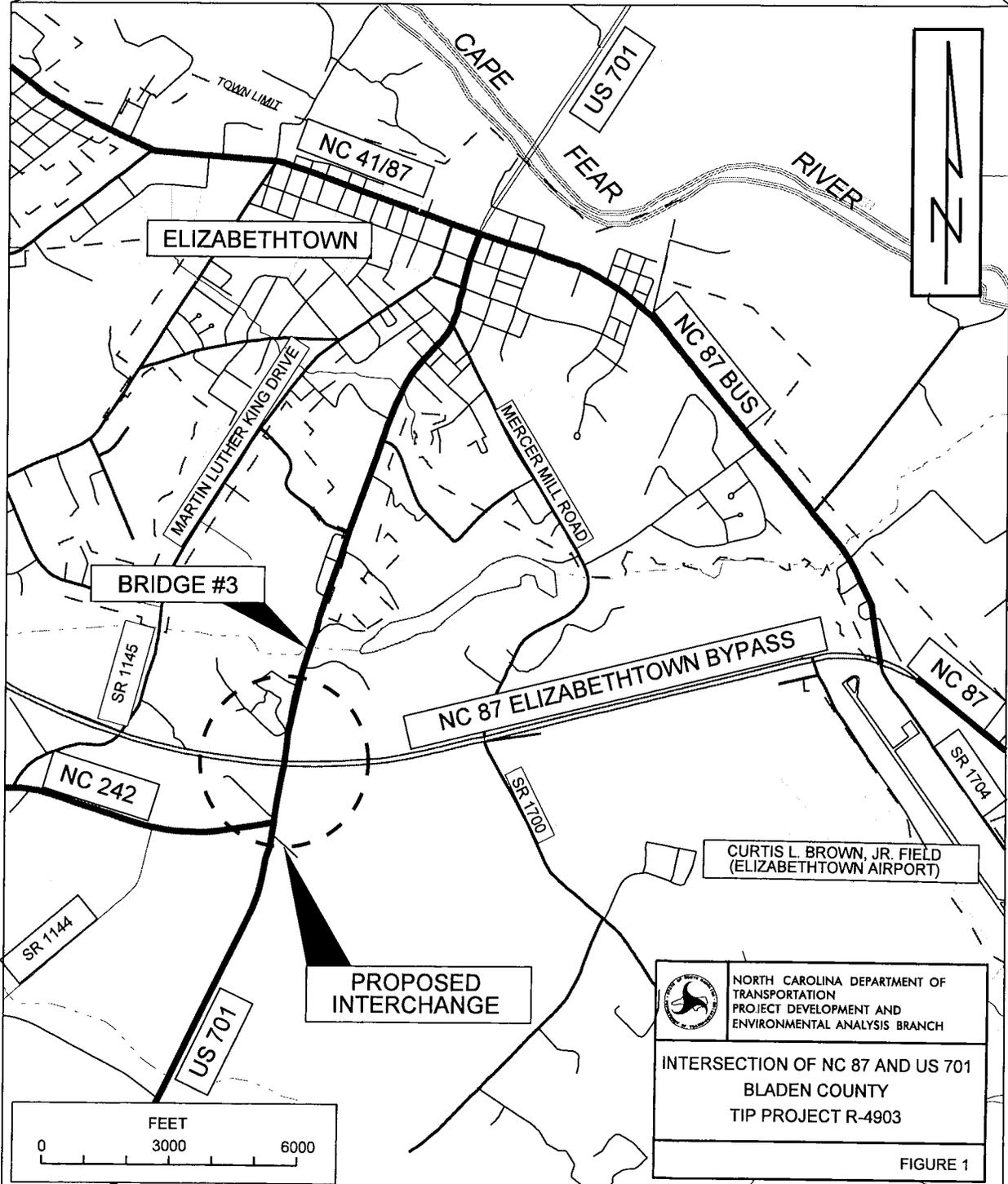
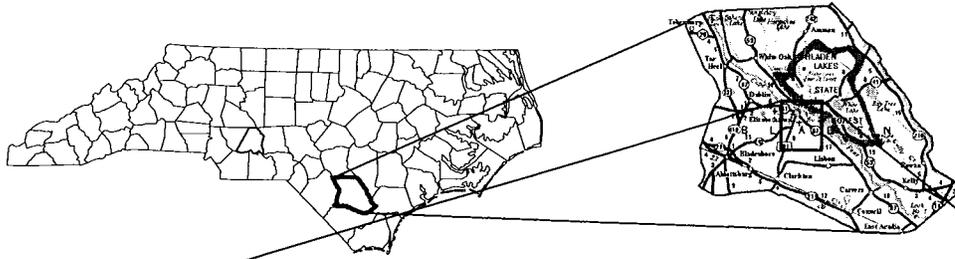
*The Brown's Creek crossing is anticipated to qualify for a MOA (Type 2b) submittal.*

### **Division 6**

This project involves construction activities on or adjacent to FEMA-regulated stream(s). Therefore, the Division shall submit sealed as-built construction plans to the Hydraulics Unit upon completion of project construction, certifying that the drainage structure(s) and roadway embankment that are located within the 100-year floodplain were built as shown in the construction plans, both horizontally and vertically.

*This commitment will be implemented upon completion of project construction.*

*Surveys have confirmed there are approximately 26 graves within the proposed right of way in the northeast quadrant of the proposed interchange. These graves will be relocated in accordance with GS 65-13.*



 NORTH CAROLINA DEPARTMENT OF  
TRANSPORTATION  
PROJECT DEVELOPMENT AND  
ENVIRONMENTAL ANALYSIS BRANCH

INTERSECTION OF NC 87 AND US 701  
BLADEN COUNTY  
TIP PROJECT R-4903

FIGURE 1