

North Carolina Department of Transportation
PROJECT ENVIRONMENTAL CONSULTATION FORM
I. D. No. U-3330

I. GENERAL INFORMATION

- a. Consultation Phase: Construction
- b. Project Description: US 301 Bypass Improvements
Rocky Mount, North Carolina; Nash County
- c. Federal Project: STP-301 (28)
- d. Document Type: FONSI 1-8-2013
Date

II. CONCLUSIONS

The above environmental document has been reevaluated as required by 23 CFR 771. It was determined that the current proposed action is essentially the same as the original proposed action. Proposed changes, if any, are noted below in Section III. It has been determined that anticipated social, economic, and environmental impacts were accurately described in the above referenced document(s) unless noted otherwise herein. Therefore, the original Administration Action remains valid.

III. CHANGES IN PROPOSED ACTION AND ENVIRONMENTAL CONSEQUENCES

Three project changes have taken place since the Right-of-Way Consultation:

- Determination of need and location of Noise Wall.
- Addition of a detour along the east side of bridge over Stoney Creek, Sta. 60+00.50 -L-, for maintenance of traffic during bridge replacement.
- Revised intersection at Ring Road (-Y8-) / Independence Drive (-Y9) to allow for full movement of traffic.

The primary Need and Purpose for this project is to improve capacity and the above project changes have been determined to meet this purpose.

IV. LIST OF ENVIRONMENTAL COMMITMENTS

See attached Project Commitments (Green Sheet)

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V. COORDINATION

Project Development personnel have discussed current project proposals with others. Please note who was coordinated with and the date. This section is to be filled out by the project manager and does not require signatures.

Design Engineer:	<u>Tatia White / Piotr Stojda</u>	<u>3-21-2017</u> Date
FHWA Engineer:	<u>Ron Lucas</u>	<u>4-10-2017</u> Date
NES-PM:	<u>Gordon Cashin</u> (Construction Consultations only)	<u>4-05-2017</u> Date

VI. NCDOT CONCURRENCE

Tracy A. Warden
Project Planning Engineer

5/2/17
Date

B. J. C.
Project Development and Environmental
Analysis

5-2-17
Date

VII. FHWA CONCURRENCE

DocuSigned by:
Ronald G. Lucas
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Federal Highway Administration
Division Administrator

5/2/2017
Date

PROJECT COMMITMENTS

US 301 BYPASS IMPROVEMENTS ROCKY MOUNT, NORTH CAROLINA

STIP PROJECT NO. U-3330
WBS PROJECT NO. 36596.1.1.1

Hydraulics Unit / Roadside Environmental Unit

To reduce the potential for stormwater pollution to Section 303(d) listed water bodies and the City of Rocky Mount's water supply watershed and intake critical area, the NCDOT will 1) include stormwater treatment devices in the proposed roadway's final design; and 2) utilize protective sediment and erosion control best management practices (BMPs) during construction as detailed in 15A NCAC 4B .0124 (*Design Standards in Sensitive Watersheds*). Final design of the proposed project will maintain adherence to the Tar-Pamlico Riparian Buffer Rules.

During final design, the hydraulics Unit will coordinate with the NC Floodplain Mapping Program (FMP), the delegated state agency for administering FEMA's National Flood Insurance Program, to determine status of the project with regard to applicability of NCDOT's Memorandum of Agreement with FMP (dated 6/5/08), or approval of a Conditional Letter of Map revision (CLOMR) and subsequent final Letter of Map Revision (LOMR).

~~The southern portion of the project, which encompasses the UT to the Tar River, is within a water supply watershed (WS-IV) for the City of Rocky Mount and within the water supply "critical area" which is defined as the land within a 0.5 mile upstream radius of a water intake. Measures will be taken to restrict construction limits to the north of the drainage divide. However, if construction limits cannot be maintained north of the drainage divide, then NCDOT Hydraulics Unit will investigate the need for hazardous spill containment measures during the final design stage.~~

The portion of U-3330 that lies within the critical area (at the beginning of the project) does not drain to a blue line on the quad. During final design this was confirmed and as such according to the guidelines a hazardous spill basin is not required for U-3330. Therefore the commitment paragraph above is shown in ~~striketrough~~ font to indicate it will be removed from further consideration.

Hydraulics / NCDOT Division 4

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.

Roadway Design / Project Development and Environmental Analysis Branch

Noise Walls:

A wall that is 10 feet in height and 1,070 feet long was found to be feasible based on a planning level noise analysis. Based on NCDOT Noise Abatement Policy, a design noise wall analysis will be conducted during final design to further investigate the feasibility of a wall at this location.

~~The project noise analysis was conducted in 2008, showing affects to the Rosedale subdivision. Specifically, NCDOT desired to determine whether a noise wall will be constructed adjacent to the southbound entrance ramp to US 301 from US 64 Business. In 2011 however; new federal requirements emerged which have caused PDEA to initiate an updated Noise and Air analysis of the project length. The analysis will determine whether any noise walls are justified, and further coordination with local residents will determine whether a specific noise wall is desired/built. Noise wall decisions will be made during the final design phase, but these decisions may not precede the right of way start date.~~

A noise analysis was conducted in 2016 which confirmed the need for a noise wall for this project, and Public Balloting confirmed the local preference for same noise wall. A noise wall has been included into the project plans to begin at Sta. 30+80.70 –L- and extend to Sta. 38+45.70 –L-.

NCDOT Division 4 / Natural Environment Section

The Programmatic Biological Opinion (PBO) covers the entire NCDOT program in Divisions 1-8, including all NCDOT projects and activities. The programmatic determination for NLEB for the NCDOT program is “May Affect, Likely to Adversely Affect”. The PBO provides incidental take coverage for NLEB and will ensure compliance with Section 7 of the Endangered Species Act for five years for all NCDOT projects with a federal nexus in Divisions 1- 8, which includes Nash County, where STIP U-3330 is located.