

North Carolina Department of Transportation
Interstate Maintenance Preservation Program
Environmental Documentation Checklist

Description of the proposed IMPP project: Abrade pavement & apply asphalt rejuvenator to the following sections of I-40: (New Hanover County) East bound direction Mile Post 417.73 to Mile Post 418.37; West bound direction Mile Post 418.45 to Mile Post 417.73. (Pender County) East bound direction Mile Post 406.00 to Mile Post 413.46; West bound direction Mile Post 411.36 to Mile Post 411.00. WBS Number 46280.3.1 T.I.P. I-5203-A

<p>1. Are you using Federal-Aid Highway Funds for this project?</p> <p>Are you using Federal-Aid Highway Funds for this project?</p> <ul style="list-style-type: none"> • If "yes", go to #2. • If "no", do not use "Federal Highway Administration's National Environmental Policy Act Requirements for North Carolina Department of Transportation's Interstate Maintenance Preservation Program (December 1, 2010)". 	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<p>2. Is your proposed activity eligible for the Interstate Maintenance Preservation Program?</p> <p>Is your proposed activity eligible for the Interstate Maintenance Preservation Program?</p> <ul style="list-style-type: none"> • If "yes", go to #3. • If "no", do not use "Federal Highway Administration's National Environmental Policy Act Requirements for North Carolina Department of Transportation's Interstate Maintenance Preservation Program (December 1, 2010)". 	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<p>3. Are there any unusual circumstances regarding your proposed activity?</p> <p>Are there any unusual circumstances regarding your proposed activity?</p> <ul style="list-style-type: none"> • If "yes", consult with FHWA. • If "no", you may use "Federal Highway Administration's National Environmental Policy Act Requirements for North Carolina Department of Transportation's Interstate Maintenance Preservation Program (December 1, 2010)". Document to the project file that you have verified that your project is excluded from having to prepare an Environmental Impact Statement in accordance with "Federal Highway Administration's National Environmental Policy Act Requirements for North Carolina Department of Transportation's Interstate Maintenance Preservation Program (December 1, 2010)". 	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Prepared by: Ameliese Westphal Date 1/6/2012
 Division Environmental Officer

Approved by: [Signature] Date 5 Feb 12
 Division Engineer

CATEGORICAL EXCLUSION ACTION CLASSIFICATION FORM

TIP Project No.	<u>I-5203A</u>
State Project No.	<u>N/A</u>
Federal Project No.	<u>WBS NUMBER 46280.3.1</u>

- A. Project Description: (Include project scope and location and refer to the attached project location map.)

Abrade pavement and apply asphalt rejuvenator to four sections of Interstate 40. This work shall be done within the travel lanes and debris created by the pavement abrasion shall be vacuumed up immediately following the abrasion. Locations are as follows:

- New Hanover County... East bound direction Mile Post 417.73 to Mile Post 418.37
West bound direction Mile Post 418.45 to Mile Post 417.73.
- Pender County... East bound direction Mile Post 406.00 to Mile Post 413.46
West bound direction Mile Post 411.36 to Mile Post 411.00.

- B. Purpose and Need:

IMPROVE PAVEMENT FRICTION AND EXTEND PAVEMENT LIFE.

- C. Proposed Improvements:

Circle one or more of the following Type II improvements which apply to the project:

1. Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes (e.g., parking, weaving, turning, climbing).
 - a. Restoring, Resurfacing, Rehabilitating, and Reconstructing pavement (3R and 4R improvements)
 - b. Widening roadway and shoulders without adding through lanes
 - c. Modernizing gore treatments
 - d. Constructing lane improvements (merge, auxiliary, and turn lanes)
 - e. Adding shoulder drains
 - f. Replacing and rehabilitating culverts, inlets, and drainage pipes, including safety treatments
 - g. Providing driveway pipes
 - h. Performing minor bridge widening (less than one through lane)

2. Highway safety or traffic operations improvement projects including the installation of ramp metering control devices and lighting.
 - a. Installing ramp metering devices
 - b. Installing lights
 - c. Adding or upgrading guardrail
 - d. Installing safety barriers including Jersey type barriers and pier protection
 - e. Installing or replacing impact attenuators
 - f. Upgrading medians including adding or upgrading median barriers
 - g. Improving intersections including relocation and/or realignment
 - h. Making minor roadway realignment

- i. Channelizing traffic
 - j. Performing clear zone safety improvements including removing hazards and flattening slopes
 - k. Implementing traffic aid systems, signals, and motorist aid
 - l. Installing bridge safety hardware including bridge rail retrofit
3. Bridge rehabilitation, reconstruction, or replacement or the construction of grade separation to replace existing at-grade railroad crossings.
 - a. Rehabilitating, reconstructing, or replacing bridge approach slabs
 - b. Rehabilitating or replacing bridge decks
 - c. Rehabilitating bridges including painting (no red lead paint), scour repair, fender systems, and minor structural improvements
 - d. Replacing a bridge (structure and/or fill)
4. Transportation corridor fringe parking facilities.
5. Construction of new truck weigh stations or rest areas.
6. Approvals for disposal of excess right-of-way or for joint or limited use of right-of-way, where the proposed use does not have significant adverse impacts.
7. Approvals for changes in access control.
8. Construction of new bus storage and maintenance facilities in areas used predominantly for industrial or transportation purposes where such construction is not inconsistent with existing zoning and located on or near a street with adequate capacity to handle anticipated bus and support vehicle traffic.
9. Rehabilitation or reconstruction of existing rail and bus buildings and ancillary facilities where only minor amounts of additional land are required and there is not a substantial increase in the number of users.
10. Construction of bus transfer facilities (an open area consisting of passenger shelters, boarding areas, kiosks and related street improvements) when located in a commercial area or other high activity center in which there is adequate street capacity for projected bus traffic.
11. Construction of rail storage and maintenance facilities in areas used predominantly for industrial or transportation purposes where such construction is not inconsistent with existing zoning and where there is no significant noise impact on the surrounding community.
12. Acquisition of land for hardship or protective purposes, advance land acquisition loans under section 3(b) of the UMT Act. Hardship and protective buying will be permitted only for a particular parcel or a limited number of parcels. These types of land acquisition qualify for a CE only where the acquisition will not limit the evaluation of alternatives, including shifts in alignment for planned construction projects, which may be required in the NEPA process. No project development on such land may proceed until the NEPA process has been completed.

D. Special Project Information: (Include Environmental Commitments and Permits Required.)

No environmental permits or clearances required as:

- no impacts to waters or wetlands.
- no increase in built upon area (BUA).
- this type of activity is exempt from cultural resources review.

E. Threshold Criteria

The following evaluation of threshold criteria must be completed for Type II actions

<u>ECOLOGICAL</u>	<u>YES</u>	<u>NO</u>
(1) Will the project have a substantial impact on any unique or important natural resource?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(2) Does the project involve habitat where federally listed endangered or threatened species may occur?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(3) Will the project affect anadromous fish?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(4) If the project involves wetlands, is the amount of permanent and/or temporary wetland taking less than one-third (1/3) of an acre and have all practicable measures to avoid and minimize wetland takings been evaluated?	<u>N/A</u>	<input type="checkbox"/>
(5) Will the project require the use of U. S. Forest Service lands?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(6) Will the quality of adjacent water resources be adversely impacted by proposed construction activities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(7) Does the project involve waters classified as Outstanding Water Resources (OWR) and/or High Quality Waters (HQW)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(8) Will the project require fill in waters of the United States in any of the designated mountain trout counties?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(9) Does the project involve any known underground storage tanks (UST's) or hazardous materials sites?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>PERMITS AND COORDINATION</u>	<u>YES</u>	<u>NO</u>
(10) If the project is located within a CAMA county, will the project significantly affect the coastal zone and/or any "Area of Environmental Concern" (AEC)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(11) Does the project involve Coastal Barrier Resources Act resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(12) Will a U. S. Coast Guard permit be required?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(13) Will the project result in the modification of any existing regulatory floodway?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(14) Will the project require any stream relocations or channel changes?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SOCIAL, ECONOMIC, AND CULTURAL RESOURCES

	<u>YES</u>	<u>NO</u>
(15) Will the project induce substantial impacts to planned growth or land use for the area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(16) Will the project require the relocation of any family or business?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(17) Will the project have a disproportionately high and adverse human health and environmental effect on any minority or low-income population?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(18) If the project involves the acquisition of right of way, is the amount of right of way acquisition considered minor?	<u>N/A</u>	<input type="checkbox"/>
(19) Will the project involve any changes in access control?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(20) Will the project substantially alter the usefulness and/or land use of adjacent property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(21) Will the project have an adverse effect on permanent local traffic patterns or community cohesiveness?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(22) Is the project included in an approved thoroughfare plan and/or Transportation Improvement Program (and is, therefore, in conformance with the Clean Air Act of 1990)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(23) Is the project anticipated to cause an increase in traffic volumes?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(24) Will traffic be maintained during construction using existing roads, staged construction, or on-site detours?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(25) If the project is a bridge replacement project, will the bridge be replaced at its existing location (along the existing facility) and will all construction proposed in association with the bridge replacement project be contained on the existing facility?	<u>N/A</u>	<input type="checkbox"/>
(26) Is there substantial controversy on social, economic, or environmental grounds concerning the project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(27) Is the project consistent with all Federal, State, and local laws relating to the environmental aspects of the project?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(28) Will the project have an "effect" on structures/properties eligible for or listed on the National Register of Historic Places?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(29) Will the project affect any archaeological remains which are important to history or pre-history?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- (30) Will the project require the use of Section 4(f) resources (public parks, recreation lands, wildlife and waterfowl refuges, historic sites, or historic bridges, as defined in Section 4(f) of the U. S. Department of Transportation Act of 1966)? X
- (31) Will the project result in any conversion of assisted public recreation sites or facilities to non-recreation uses, as defined by Section 6(f) of the Land and Water Conservation Act of 1965, as amended? X
- (32) Will the project involve construction in, across, or adjacent to a river designated as a component of or proposed for inclusion in the Natural System of Wild and Scenic Rivers? X

F. Additional Documentation Required for Unfavorable Responses in Part E
(Discussion regarding all unfavorable responses in Part E should be provided below. Additional supporting documentation may be attached, as necessary.)

G. CE Approval

TIP Project No. I-5203A
State Project No. N/A
Federal-Aid Project No. WBS NO. 46280.3.1

Project Description: (Include project scope and location. Attach location map.)

ABRADE PAVEMENT AND APPLY ASPHALT REJUVENATOR TO FOUR SECTIONS OF INTERSTATE 40. LOCATIONS ARE AS FOLLOWS:
- NEW HANOVER COUNTY... EAST BOUND DIRECTION MILE POST 417.73 TO MILE POST 418.37
WEST BOUND DIRECTION MILE POST 418.45 TO MILE POST 417.73.
- PENDER COUNTY...EAST BOUND DIRECTION MILE POST 406.00 TO MILE POST 413.46
WEST BOUND DIRECTION MILE POST 411.36 TO MILE POST 411.00.

Categorical Exclusion Action Classification: (Check one)

TYPE II(A)
 TYPE II(B)

Approved:

12/22/11
Date

A. R. Edgett Jr.
Project Engineer

1/6/2012
Date

Ameliese Westphal
Division Environmental Officer

5 Feb 12
Date

J. M. Russell
Division Engineer

For Type II(B) projects only:

Date

Division Administrator
Federal Highway Administration

RIGHT OF WAY FIELD CERTIFICATION

TIP No. I-5203A
 WBS Element: 46280.3.1
 County: Pender
 Description:

Abrade pavement & apply asphalt rejuvenator to following locations along I-40: East bound direction Mile Post 406.00 to Mile Post 413.46; West bound direction Mile Post 411.36 to Mile Post 411.00.

In connection with the above-referenced project, I certify that there were: no persons displaced for this project or that all individuals and families have been relocated to DSS housing, or that comparable replacement housing has been made available to relocates in accordance with applicable Federal and State laws and regulations. The steps relative to relocation advisory assistance and payments as required by current FHWA directive(s) covering the administration of the Highway Relocation Assistance Program have been taken, or that they are not required. I further certify that one of the following has application:

- X** 1. All necessary right of way has been acquired or the State has legal right of physical possession of that right of way,
- or
2. The acquisition or right of occupancy and use of a few remaining parcels is not complete, but all occupants of the residences on such parcels have had replacement housing made available to them in accordance with 49 CFR 24.204. I assure that, if the physical construction of the project proceeds, displaced persons who have not yet moved from the right of way will be protected against unnecessary inconvenience and disproportionate injury or any action coercive in nature. I believe that it will be in the best public interest to proceed with this project. The following information is provided regarding excepted parcels and will be provided in the contract documents. These parcels will require delays of entry noted as follows:

PARCEL	PROPERTY OWNER	REASON FOR DELAY REQUEST	RELO (Y/N)	DELAY OF ENTRY UNTIL

This certification assures compliance with all applicable Federal and State laws, rules and policies.

Date: 01/13/12

Eric Ray

 DIVISION RIGHT OF WAY AGENT

RIGHT OF WAY FIELD CERTIFICATION

TIP No. I-5203A
 WBS Element: 46280.3.1
 County: New Hanover
 Description:

Abrade pavement & apply asphalt rejuvenator to the following sections of I-40: East Bound Direction Mile Post 417.73 to Mile Post 418.37; West Bound Direction Mile Post 418.45 to Mile Post 417.73.

In connection with the above-referenced project, I certify that there were: no persons displaced for this project or that all individuals and families have been relocated to DSS housing, or that comparable replacement housing has been made available to relocates in accordance with applicable Federal and State laws and regulations. The steps relative to relocation advisory assistance and payments as required by current FHWA directive(s) covering the administration of the Highway Relocation Assistance Program have been taken, or that they are not required. I further certify that one of the following has application:

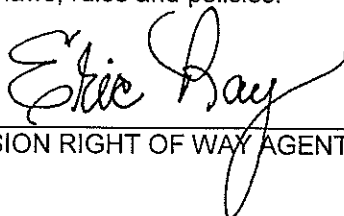
1. All necessary right of way has been acquired or the State has legal right of physical possession of that right of way,

or
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PARCEL	PROPERTY OWNER	REASON FOR DELAY REQUEST	RELO (Y/N)	DELAY OF ENTRY UNTIL

This certification assures compliance with all applicable Federal and State laws, rules and policies.

Date: 12/23/2011



 DIVISION RIGHT OF WAY AGENT