

CATEGORICAL EXCLUSION ACTION CLASSIFICATION FORM

TIP Project No.	<u>R-4436CF</u>
State Project No.	<u>34625.2.55</u>
Federal Project No.	<u>STP-1172(007)</u>

A. Project Description:

Construction of a Stormwater BMP improvement in Brunswick County off of SR 1172 (Sunset Blvd.)

B. Purpose and Need:

To maintain compliance with the National Pollutant Discharge Eliminations System (NPDES) program and to improve BMP function of the existing basin.

C. Proposed Improvements:

The following Type II improvements which apply to the project are circled:

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)
 - i.** Structural BMP's for water quality improvement

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. Acquisition and construction of mitigation sites.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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:

Estimated Costs:

Total Construction	\$ 40,747.88
Right of Way	\$
Total	\$ 40,747.88

Estimated Traffic:

Current -	
Year 2025	-
TTST	-
Dual	-

Proposed Typical Cross Section:

Design Speed:

Functional Classification:

Division Office Comments:

Bridge Demolition:

E. Threshold Criteria

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

ECOLOGICAL

	<u>YES</u>	<u>NO</u>
(1) Will the project have a substantial impact on any unique or important natural resource?	<input type="checkbox"/>	<u>X</u>
(2) Does the project involve habitat where federally listed endangered or threatened species may occur?	<input checked="" type="checkbox"/>	_____
(3) Will the project affect anadromous fish?	<input type="checkbox"/>	<u>X</u>
(4) If the project involves wetlands, is the amount of permanent and/or temporary wetland taking less than one-tenth (1/10) 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"/>	<u>X</u>
(6) Will the quality of adjacent water resources be adversely impacted by proposed construction activities?	<input type="checkbox"/>	<u>X</u>
(7) Does the project involve waters classified as Outstanding Water Resources (OWR) and/or High Quality Waters (HQW)?	<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"/>	<u>X</u>
(9) Does the project involve any known underground storage tanks (UST's) or hazardous materials sites?	<input type="checkbox"/>	<u>X</u>

PERMITS AND COORDINATION

	<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"/>	<u>X</u>
(11) Does the project involve Coastal Barrier Resources Act resources?	<input type="checkbox"/>	<u>X</u>
(12) Will a U. S. Coast Guard permit be required?	<input type="checkbox"/>	<u>X</u>
(13) Will the project result in the modification of any existing regulatory floodway?	<input type="checkbox"/>	<u>X</u>

(14)	Will the project require any stream relocations or channel changes?	<input type="checkbox"/>	<u> X </u>
<u>SOCIAL, ECONOMIC, AND CULTURAL RESOURCES</u>		<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"/>	<u> X </u>
(16)	Will the project require the relocation of any family or business?	<input type="checkbox"/>	<u> X </u>
(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"/>	<u> X </u>
(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"/>	<u> X </u>
(20)	Will the project substantially alter the usefulness and/or land use of adjacent property?	<input type="checkbox"/>	<u> X </u>
(21)	Will the project have an adverse effect on permanent local traffic patterns or community cohesiveness?	<input type="checkbox"/>	<u> X </u>
(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)?	<u> X </u>	<input type="checkbox"/>
(23)	Is the project anticipated to cause an increase in traffic volumes?	<input type="checkbox"/>	<u> X </u>
(24)	Will traffic be maintained during construction using existing roads, staged construction, or on-site detours?	<u> X </u>	<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"/>	<u> X </u>
(27)	Is the project consistent with all Federal, State, and local laws relating to the environmental aspects of the project?	<u> X </u>	<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"/>	<u> X </u>

- (29) Will the project affect any archaeological remains, which are important to history or pre-history? X
- (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.)

2) The project does involve habitat where federally listed threatened and/or endangered species may occur. This may be the case for several listed species for Brunswick County namely Bald Eagle, Piping Plover, Red Knot, Wood Stork, and less likely Seabeach Amaranth. Please see the attached correspondence with Gary Jordan of USFWS wherein a No Effect call is appropriate for all listed species considering the limited scope of the project.

7) This project drains to SA HQW (High Quality Waters) of the Intracoastal Waterway in the Lumber River Basin. The existing stormwater infiltration basin, located at the island end of the bridge on SR 1172 and constructed as part of the TIP # B-0682 Sunset Beach Bridge Replacement project in Brunswick County, is not functioning properly as it is not infiltrating stormwater as intended. In consultation with the NC Department of Environment and Natural Resources Division of Energy, Mineral and Land Resources Land Quality Section Stormwater Program (SWP), NCDOT has developed a proposal the subject of this document, which should create a properly functioning stormwater control device. We have yet to obtain final approval from the referenced SWP. Also, a Letter of Refinement from the NC Division of Coastal Management (DCM) was obtained for a similarly proposed design in months passed. The present altered design has yet to be approved by DCM, but the altered design is similar enough that a favorable reply from DCM is anticipated. Prior to construction, NCDOT will obtain the proper approval from the SWP and DCM. Please see the attached plan set and correspondence with SWP and DCM in this regard.

G. CE Approval

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State Project No. 34625.2.55
Federal-Aid Project No. STP-1172(007)

Project Description:

Construction of a Stormwater BMP improvement in Brunswick County off of SR 1172 (Sunset Blvd.)

Categorical Exclusion Action Classification:

 TYPE II(A)
 X TYPE II(B)

Approved:

9/10/15
Date *General Matthews*
Division Environmental Officer

11/2/15
Date *David A. Chang*
State Hydraulics Engineer
Hydraulics Unit

9/24/15
Date *Brian D. Spill*
Project Stormwater Engineer
Hydraulics Unit

For Type II(B) projects only:

11/13/15
Date *[Signature]*
Division Administrator
Federal Highway Administration