



South Carolina Department of Transportation
On Behalf of the Federal Highway Administration - South Carolina Division Office



PROCESSING FORM FOR PROGRAMMATIC CATEGORICAL EXCLUSIONS
NON MAJOR FEDERAL ACTIONS

State ID	P037465	Fed Project #	P037465	Route	S-50	County	Orangeburg
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Part 1 - Project Description

Include the Project Name/Description

Project involves replacing the bridge on Four Holes Road (S-50) over Interstate 26 in Orangeburg County. The majority of the existing bridge was previously removed under an emergency demolition contract. The original 266' x 26'-foot bridge would be replaced with a new slightly longer bridge. Any right of way acquisition would not exceed the thresholds as identified in this Programmatic Categorical Exclusion (PCE). The NEPA study area consisted of a 200' wide rectangle stretching a distance of approximately 1300 feet from the intersection of frontage road Rocquemore Dr. to the intersection of frontage road Boone Road. No impacts to wetlands is expected (see attached permit determination). No impacts to cultural resources is expected (see attached SHPO short form). No impacts to endangered species is expected (the study area is mostly disturbed, so no habitat for any listed species). No impacts to HAZMAT sites, residences, businesses, or FEMA floodplains are expected. Traffic along S-50 has been detoured since the bridge was severely damaged by an eighteen wheeled truck striking the center bridge pier and the traffic will remain detoured until the new bridge is completed. Purpose of the project is to replace the bridge severely damaged by a truck striking the center pier. The bridge replacement will be completed under a Design-Build contract through an accelerated procurement. Funding for the project would be listed in the STIP Emergency Relief Program.

Part 2 - PCE Type

Select the appropriate Categorical Exclusion from 23 CFR Part 771.117 that best fits the entire project from the drop-down menu. **Reference Appendix A of the PCE Agreement for a more detailed description of each CE contained in 23 CFR 771.117.**

23 CFR 771.117(c)

23 CFR 771.117(d)

Part 3 - Thresholds

To be processed as a Programmatic Categorical Exclusion (PCE) the following conditions must be met in addition to the General Criteria (as outlined in the PCE Agreement between FHWA-SC and SCDOT). Place a "X" in the appropriate box below. If the answer is "Yes" to any of the below criteria, SCDOT will consult with FHWA-SC to determine the appropriate level of NEPA documentation required and forward to FHWA-SC for approval. ***Reference Part 4 of the Processing form or Section IV of the PCE Agreement for more details and definitions regarding each threshold.**

1.	Involves any unusual circumstances as described in <u>*23 CFR Part 771.117(b)</u>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
2.	The acquisition of more than <u>*minor amounts</u> of temporary or permanent strips of right-of-way	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Part 3 - Thresholds Continued

3.	Involves acquisitions that result in residential or non-residential displacements	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
4.	Results in capacity expansion of a roadway by adding through lanes	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
5.	Involves construction that would result in <u>*major traffic disruptions</u>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
6.	Involves <u>*changes in access control</u> requiring FHWA approval	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
7.	An adverse effect determination under Section 106 of the National Historic Preservation Act.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
8.	Use of Section 4(f) property that cannot be documented with a FHWA <i>de minimis</i> determination or a programmatic Section 4(f) other than the programmatic evaluation for the use of historic bridges	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
9.	Any use of a Section 6(f) property	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
10.	Requires an Individual USACE 404 Permit	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
11.	Requires an Individual U.S. Coast Guard Permit.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
12.	Work encroaching in a regulatory floodway, adversely affecting the base floodplain (100 yr.) pursuant to E.O. 11988 and 23 CFR Part 650 Subpart A	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
13.	Construction in, across, or adjacent to a river designated as a National Wild and Scenic River	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
14.	Involves an increase of 15 dBA or greater on any noise receptor or abatement measures are found to be feasible and reasonable due to noise impacts	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
15.	May affect and is likely to adversely affect a Federally listed species or designated critical habitat or projects with impacts subject to the BGEPA	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
16.	Involves acquisition of land for hardship, protective purposes, or early acquisition	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
17.	Does not meet the latest Conformity Determination for air quality non-attainment areas (if applicable).	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
18.	Any known or potential <u>major</u> hazardous waste sites within the right-of-way.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
19.	Is not included in or is inconsistent with the STIP and/or TIP	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Part 3 Continued - Additional criteria to be completed for disposal of excess right-of-way PCE

1. Is the parcel part of a SCDOT environmental mitigation effort or could it be used for environmental mitigation?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
2. Is there a formal plan to use this parcel for a future transportation project (is it part of an approved LRTP)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Part 4 - Threshold Definitions

Unusual Circumstances (23 CFR Part 771.117) - Unusual circumstances are defined as:

- a. Significant environmental impacts;
- b. Substantial controversy on environmental grounds;
- c. Significant impact on properties protected by Section 4(f) of the DOT ACT or Section 106 of the National Historic Preservation Act; or
- d. Inconsistencies with any Federal, State, or local law, requirement, or administrative determination relating to the environmental aspects of the action.

Minor Amount of Right-of-Way (ROW):

A minor amount of ROW is defined as less than 3 acres per linear mile for linear projects or less than 10 acres of impacts for non-linear projects (eg: intersections, bridges), and no removal of major property improvements. Examples of major improvements include residential and business structures, or the removal of other features which would change the functional utility of the property. Removal of minor improvements, such as fencing, landscaping, sprinkler systems, and mailboxes would be allowed.

Major Traffic Disruptions:

A major traffic disruption is defined as an action that would result in: a) adverse effects to through-traffic businesses or schools, b) substantial change in environmental impacts, or c) public controversy associated with the use of the temporary road, detour, or ramp closure.

Changes in Access Control:

Requires approval from FHWA for changes in access control on the Interstate system (eg: Interchange Modification Reports or Interchange Justification Reports).

Additional Comments if Needed:

Relevant field studies and environmental reviews have been completed to determine that the project meets the criteria set forth in the Programmatic Categorical Exclusion Agreement signed by FHWA-SC and SCDOT. It is understood that any additions/deletions to the project may void environmentally processing the project as presently classified; consequently, any engineering changes must be brought to the attention of SCDOT Environmental Services Office immediately. A copy of this form is included in the project file and one (1) copy has been provided to FHWA.

Prepared By: Date

Primavera: Yes No P2S Date: Does the project contain commitments?: (if Yes attach to form) Yes No

Project ID: <input style="width: 80%;" type="text" value="P037465"/>	County: <input style="width: 80%;" type="text" value="Orangeburg"/>	District: <input style="width: 80%;" type="text" value="District 7"/>	Doc Type: <input style="width: 80%;" type="text" value="PCE"/>	Total # of Commitments: <input style="width: 80%;" type="text" value="1"/>
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Project Name:

The Environmental Commitment **Contractor Responsible** measures listed below **are to be included in the contract and must be implemented**. It is the responsibility of the Program Manager to make sure the Environmental Commitment **SCDOT Responsible** measures are adhered to. If there are questions regarding the commitments listed please contact:

CONTACT NAME: Jae Mattox **PHONE #:** (803)-737-1805

ENVIRONMENTAL COMMITMENTS FOR THE PROJECT

Water Quality	NEPA Doc Ref: <input style="width: 80%;" type="text"/>	Responsibility: <input style="width: 80%;" type="text" value="CONTRACTOR"/>
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The contractor will be required to minimize possible water quality impacts through implementation of BMPs, reflecting policies contained in 23 CFR 650B and the Department's Supplemental Specification on Erosion Control Measures (latest edition) and Supplemental Technical Specifications on Seeding (latest edition). Other measures including seeding, silt fences, sediment basins, etc. as appropriate will be implemented during construction to minimize impacts to water quality.

<input style="width: 80%;" type="text"/>	NEPA Doc Ref: <input style="width: 80%;" type="text"/>	Responsibility: <input style="width: 80%;" type="text"/>
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<input style="width: 80%;" type="text"/>	NEPA Doc Ref: <input style="width: 80%;" type="text"/>	Responsibility: <input style="width: 80%;" type="text"/>
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Cultural Resources Project Screening Form

File Number: PIN: **29938** Route: **(SR-50)** County: **Orangeburg**

Project Name: **PO 37465**

Bridge Replacement at Four Holes Road (SR-50) over Interstate 26

Type 1: Resurfacing, installation of fencing, signs, pavement markings, traffic signals, passenger shelters, railroad warning devices, installation of rumble strips, and landscaping

Project Type

2

Type 2: Bridge replacements on alignment, construction of bicycle/pedestrian facilities, and intersection improvements

Type 3: Projects that do not fall into Type 1 and Type 2 categories (e.g. road widening)

Comments

This project consists of the emergency replacement of the bridge that carries Four Holes Rd (SR-50) over I-26 in Orangeburg County. The bridge will be replaced on current alignment; however, the new structure may be raised slightly above the level of the previous bridge. The study area for cultural resources was established as an area 200 feet in either direction from the roadway centerline extending 800 ft from the end of the bridge to the NE and 1000 ft from the beginning of the bridge to the SW. Background review indicated that no previously recorded cultural resources are present within the study area. The old Four Holes Road bridge over I-26 (now destroyed) was previously evaluated as not NRHP eligible. A cultural resources field survey of the study area was conducted on 4/24/18. The survey consisted of a pedestrian reconnaissance of the study area augmented by the excavation of shovel test pits at 30 meter intervals. Shovel tests were not excavated in disturbed areas, in manicured lawns, or where hydric soils were present. No artifacts were recovered and no historic features or structures were noted within the study area. No additional cultural resources investigations are recommended. No historic properties will be affected.

Effect Determination: **No Historic Properties Affected**

*SHPO consultation is required for all Type 3 projects and any project with a No Adverse or Adverse Effect Determination.

This screening form was developed to satisfy documentation requirements for Type I and Type II projects under a Programmatic Agreement between the Federal Highway Administration, the South Carolina State Historic Preservation Office, the US Army Corps of Engineers, and the South Carolina Department of Transportation. For Type I and Type II projects that have no effect on historic properties, the completion of this screening form with supporting documentation (e.g. ArchSite Map) provides evidence of FHWA and SCDOT's compliance with Section 106 of the National Historic Preservation Act.

Prepared by: **Tracy Martin**

Review Date: **4/25/2018**

Date: April 25, 2018

PERMIT DETERMINATION

FROM Ed Frierson COMPANY SCDOT

CONTACT INFO (phone and/or email) 803-737-1861

SCDOT PROJECT ENGINEER Jae Mattox

TO Siobhan Gordon - RPG 3 Permits Coordinator

Project Description Emergency Bridge replacement on S-50 over Interstate 26

Route or Road No. S-50 County York

CONST. PIN P037465 OTHER PINS or STRUCTURE # _____

RESPONSE:

It has been determined that no permits are required because:
No wetlands or waterways would be impacted.

The following permit(s) is/are necessary:
(Please check which type(s) of permit the project will need)

USACE Permit GP IP 401 JD

OCRM Permit CAP CZC

Navigable SCDHEC NAVGP – if checked a USCG and/or USACE navigable permit may also be required, but will be determined during the NEPA and Permitting stages.

Other _____

Water Classification: FW *Print and attach the SCDHEC water quality report*

303(d) listed no yes, for * ECOLI and HGF

TMDL developed no yes, for * _____

*List all that apply using the SCDHEC abbreviations

Comments: _____

The determination above was based on the most recently available information at the time. This is a preliminary determination and is subject to change if the design of the project is modified.

Edward W. Frierson Digitally signed by Edward W. Frierson
DN: C=US, E=FriersonEW@scdot.org,
O=SCDOT, OU=Environmental Services
Or=ce, CN=Edward W. Frierson
Date: 2018.04.25 15:04:57-0400 4-25-18
Biologist, SCDOT/Consultant Date



4/25/2018

Watershed and Water Quality Information

General Information

Applicant Name: SCDOT

Permit Type: MS4

Latitude: 33.4698

Longitude: -80.7479

MS4 Designation: Not in designated area

Monitoring Station: E-048

Within Coastal Critical Area: NO

Water Classification (Provisional): FW-SP

Waterbody Name: FOUR HOLE SWAMP

Entered Waterbody Name:

Parameter Descriptions

NH3N	Ammonia	FC	Fecal Coliform
CR	Chromium	FCB	Fecal Coliform (Shellfish)
CU	Copper	BIO	Macroinvertebrates (Bio)
HG	Mercury	TP	(Lakes) Phosphorus
NI	Nickel	TN	(Lakes) Nitrogen
PB	Lead	CHLA	(Lakes) Chlorophyll a
ZN	Zinc	ENTERO	(Beach) Enterococcus
DO	Dissolved Oxygen	HGF	Mercury (Fish)
PH	pH	PCB	PCB (Fish)

Impaired Status (downstream sites)

Station	NH3N	CR	CU	HG	NI	PB	ZN	DO	PH	TURBIDITY	ECOLI	FCB	BIO	TP	TN	CHLA	ENTERO	HGF	PCB
E-048	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	N	X
E-111	F	F	F	F	F	X	F	F	F	F	N	A	X	X	X	X	X	A	X
E-112	A	A	A	A	A	X	A	A	A	A	A	A	X	X	X	X	X	A	X
E-100	A	A	A	A	A	X	A	A	A	A	A	A	X	X	X	X	X	A	X

F = Standards Fully Supported
N = Standards Not Supported

A = Assessed at Upstream Station
X = Parameter Not Assessed at Station

T = Within TMDL Approved Watershed

Parameters to be addressed (those not supporting standards)

ECOLI _____

Fish Consumption Advisory

HGF _____

TMDL Information - TMDL Parameters to be addressed

In TMDL Watershed: No

TMDL Site:

TMDL Report No:

TMDL Parameter:

TMDL Document Link: