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	P038303	Fed Project #	P038303	Route	S-34	County	McCormick

Part 1 - Project Description

Include the Project Name/Description

S-34 (Rocky Creek Road) over Rocky Creek Bridge Replacement

The purpose of this project is to replace the bridge to eliminate the load restriction placed on it. The existing bridge is posted for load restrictions due to being substandard. It has a sufficiency rating of 60.7. The proposed repair involves replacing the current 45' long bridge with a new bridge on the same alignment utilizing the low volume design criteria.

NEPA studies revealed no significant impacts or effects to resources within the project study area.

It is not anticipated that new right of way will be required for the replacement of these structures. Should additional right of way be needed, it will be minor temporary or permanent strips. Existing right of way for most locations is 33'. Given the rural locations and field studies conducted, new acquisitions are not anticipated to have negative effects to resources or landowners and will be located within the existing project study area.

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)	Bridge rehabilitation, reconstruction, or replacement or railroad crossing improvements
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 *23 CFR Part 771.117(b)	☐ Yes	☒ No
2.	The acquisition of more than *minor amounts of temporary or permanent strips of right-of-way	☐ Yes	☒ No

Part 3 - Thresholds Continued			
3.	Involves acquisitions that result in residential or non-residential displacements	☐ Yes	☒ No
4.	Results in capacity expansion of a roadway by adding through lanes	☐ Yes	☒ No
5.	Involves construction that would result in *major traffic disruptions	☐ Yes	☒ No
6.	Involves *changes in access control requiring FHWA approval	☐ Yes	☒ No
7.	An adverse effect determination under Section 106 of the National Historic Preservation Act.	☐ Yes	☒ No
8.	Use of Section 4(f) property that cannot be documented with a FHWA *de minimis* determination or a programmatic Section 4(f) other than the programmatic evaluation for the use of historic bridges	☐ Yes	☒ No
9.	Any use of a Section 6(f) property	☐ Yes	☒ No
10.	Requires an Individual USACE 404 Permit	☐ Yes	☒ No
11.	Requires an Individual U.S. Coast Guard Permit.	☐ Yes	☒ 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	☐ Yes	☒ No
13.	Construction in, across, or adjacent to a river designated as a National Wild and Scenic River	☐ Yes	☒ 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	☐ Yes	☒ 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	☐ Yes	☒ No
16.	Involves acquisition of land for hardship, protective purposes, or early acquisition	☐ Yes	☒ No
17.	Does not meet the latest Conformity Determination for air quality non-attainment areas (if applicable).	☐ Yes	☒ No
18.	Any known or potential major hazardous waste sites within the right-of-way.	☐ Yes	☒ No
19.	Is not included in or is inconsistent with the STIP and/or TIP	☐ Yes	☒ 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?	☐ Yes	☐ No
2. Is there a formal plan to use this parcel for a future transportation project (is it part of an approved LRTP)?	☐ Yes	☐ 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:

Part of CLRB 2020-1 DB pacakge

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 bought 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: WILL MCGOLDRICK

Date May 21, 2019

Will McGoldrick
cn=Will McGoldrick, o=SCDOT, ou=Environmental Services Office, email=mcgoldriw@scdot.org, c=US
2019.05.21 09:38:15 -04'00'

Primavera: ☐ Yes ☐ No P2S Date:

Does the project contain commitments?: (if Yes attach to form) ☒ Yes ☐ No

Date: 05/17/2019

NEPA ENVIRONMENTAL COMMITMENTS FORM

Project ID : P038303 | County : McCormick | District : District 2 | Doc Type: PCE | Total # of Commitments: 5

Project Name: S-34 Bridge over Rocky Creek Replacement

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: WILL MCGOLDRICK **PHONE #:** 803-737-1326

ENVIRONMENTAL COMMITMENTS FOR THE PROJECT

Water Quality | NEPA Doc Ref: | Responsibility: CONTRACTOR

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.

Non-Standard Commitment | NEPA Doc Ref: | Responsibility: CONTRACTOR

MIGRATORY BIRDS

The federal Migratory Bird Treaty Act, 16 USC § 703-711, states that it is unlawful to pursue, hunt, take, capture or kill; attempt to take, capture or kill; possess,offer to or sell, barter, purchase, deliver or cause to be shipped, exported, imported, transported, carried or received any migratory bird, part, nest, egg or product, manufactured or not. The South Carolina Department of Transportation (SCDOT) will comply with the Migratory Bird Treaty Act of 1918 in regard to the avoidance of taking of individual migratory birds and the destruction of their active nests.
The Contractor will notify the Resident Construction Engineer (RCE) at least four (4) weeks prior to construction/demolition/ maintenance of bridges and box culverts. The RCE will coordinate with SCDOT Environmental Services Office (ESO), Compliance Division, to determine if there are any active birds using the structure. SCDOT will be responsible for the removal/management of any active bird nests.

Stormwater | NEPA Doc Ref: | Responsibility: CONTRACTOR

Stormwater control measures, both during construction and post-construction, are required for SCDOT projects with land disturbance and/or constructed in the vicinity of 303(d), TMDL, ORW, tidal, and other sensitive waters in accordance with the SCDOT's MS4 Permit. The selected contractor would be required to minimize potential stormwater impacts through implementation of construction best management practices, reflecting policies contained in 23 CFR 650 B and SCDOT's Supplemental Specifications on Seed and Erosion Control Measures (latest edition).

Project ID : P038303	SCDOT NEPA ENVIRONMENTAL COMMITMENTS FORM	

ENVIRONMENTAL COMMITMENTS FOR THE PROJECT

Cultural Resources	NEPA Doc Ref:		Responsibility:	CONTRACTOR

The contractor and subcontractors must notify their workers to watch for the presence of any prehistoric or historic remains, including but not limited to arrowheads, pottery, ceramics,flakes, bones, graves, gravestones, or brick concentrations during the construction phase of the project, if any such remains are encountered, the Resident Construction Engineer (RCE) will be immediately notified and all work in the vicinity of the discovered materials and site work shall cease until the SCDOT Archaeologist directs otherwise.

Floodplains	NEPA Doc Ref:		Responsibility:	CONTRACTOR

The selected contractor will send a set of final plans and request for floodplain management compliance to the local

County Floodplain Administrator.

	NEPA Doc Ref:		Responsibility:	

Cultural Resources Project Screening Form

File Number: | PIN: 38303 | Route: S-34 | County: McCormick

Project Name:

S-34 Over Rocky Creek Load Restricted Bridge Replacement

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

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)

Project Type

2

Comments

This project will replace the load restricted bridge that carries S-34 over Rocky Creek. The Project Study Area (PSA) was established as a 100 foot wide corridor along the roadway for a distance of 700 feet on either side of the bridge, widening to 200 feet at the bridge. Within the PSA, the cultural resources area of potential effect (APE) was set as a corridor 100 foot wide, 200 feet at the bridge, and extending 350 feet to either side of the bridge. A background review using ArchSite indicated that no previously recorded cultural resources were present within the project area. A cultural resources survey was conducted May 16, 2019. The survey consisted of a pedestrian reconnaissance of the project area augmented by the excavation of shovel test pits (STP) at 30 meter intervals. A total of 13 STPs were excavated. Three potential STP locations were examined but not excavated due to hydric soil or ground disturbance. All of the STPs were negative. No new cultural resources were found during the survey. No additional cultural resources investigations are recommended. No historic properties will be affected by this project.

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: 5/17/2019

Date:
May 17, 2019

SCDOT
South Carolina Department of Transportation

McCormick County
Load Restricted Bridges

S-34 over
Rocky Creek

Project ID: P038303

N

0 25 50 100 Meters

0 75 150 300 Feet

Biological Survey of S-34 Bridge Replacement over Rocky Creek
McCormick County, SC
3/26/2019

Pursuant to Section 7 of the Endangered Species Act a field survey was conducted on the proposed new right of way. The following list of threatened (T) and endangered (E) species was obtained from the U.S. Fish and Wildlife Service:

Animals

Red-cockaded woodpecker (*Picoides borealis*) – E
Bald eagle (*Haliaeetus leucocephalus*) – BGEPA
Carolina heelsplitter (*Lasmigona decorata*) – E
American wood stork **(** *Mycteria Americana)* - T

Plants

Miccosukee gooseberry (*Ribes echinellum*) - T

Methods

The project area was examined by field reconnaissance methods on March 19, 2019. Habitats surveyed were determined by each species' ecological requirements.

Results

This project involves replacing a load restricted bridge. The project corridor is very rural with a few nearby residences.

According to the Heritage Trust database of endangered, threatened and rare species, there have been no recorded observations of any of the listed species within a 2 mile radius of the project area. The project area is within the slate belt. The creek was clear with shifty sands that does not provide ideal habitat for the Carolina heelsplitter. No mussel species were found. The project area is within the white nose syndrome zone for the Northern long-eared bat but not within 0.25 miles of a known hibernaculum and not near any known maternity roost trees. Based on lack of suitable habitat and/or no observations of the listed species during field surveys, results of the threatened and endangered species study indicate that the proposed action will have no effect upon any threatened or endangered species or critical habitats currently listed by the USFWS.

Ann-Marie Altman

Date: 4/8/2019

PERMIT DETERMINATION

FROM Chris Beckham COMPANY SCDOT

CONTACT INFO (phone and/or email) 803-609-9464

SCDOT PROJECT ENGINEER Design Build

TO Will McGoldrick - Design Build Coordinator

Project Description Replace the S-34 bridge over Rocky Creek

Route or Road No. S-34 County McCormick

CONST. PIN P038303 OTHER PINS or STRUCTURE #

RESPONSE:

(●) It has been determined that no permits are required because:

There should be no impacts to WOUS based on the project scope.

( ) 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 *

TMDL developed ( ) no (●) yes, for * E.Coli

*List all that apply using the SCDHEC abbreviations

Comments: There are no wetlands in the project study area. The bridge crosses Rocky Creek. Based on review of the project scope, the new bridge will be constructed to avoid impacts to Rocky Creek.

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.

Chris Beckham Digitally signed by Chris Beckham DN: cn=Chris Beckham, o=SCDOT, ou=ESO, email=beckhamjc@scdot.org, c=US Date: 2019.04.09 10:56:52 -04'00' 4/9/19

Biologist, SCDOT/Consultant Date

Revised 11/2018

Bridge over Rocky Ck
S-34
Legend
0170009600100
Rock
456
State Rd S-38 65
3370003400100
450
450
450
Rocky Creek Rd
Wetland Types
Estuarine and Marine Deepwater
Estuarine and Marine Wetland
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond
Lake
Other
Riverine
Status Map
Digital Data
No Data
N
1000 ft
Google Earth
©2018 Google

2/4/2019

Watershed and Water Quality Information

Genaral Information

Applicant Name: SCDOT

Permit Type: MS4

Latitude: 33.9649

Longitude: -82.2726

MS4 Designation: Not in designated area

Monitoring Station: SV-330

Within Coastal Critical Area: NO

Water Classification (Provisional): FW

Waterbody Name: ROCKY CREEK

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
SV-330	X	X	X	X	X	X	X	X	X	X	T	A	X	X	X	X	X	X	X
SV-365	F	F	F	F	F	X	F	F	F	F	A	A	X	X	X	X	X	X	X
SV-063	A	A	A	A	A	X	A	A	A	A	A	A	F	X	X	X	X	X	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

TMDL Information - TMDL Parameters to be addressed

In TMDL Watershed: Yes

TMDL Site: SV-330

TMDL Report No: 0723-15

TMDL Parameter: Ecoli

TMDL Document Link: http://www.scdhec.gov/HomeAndEnvironment/Docs/Stevens_Creek_FC_TMDL_Post_NODD.pdf

National Flood Hazard Layer FIRMette

FEMA

33°58'3.69"N

82°16'36.75"W

82°15'59.30"W

33°57'33.85"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- B 20.2 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- 8 Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/3/2019 at 1:42:15 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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