

Type I and II Ground Disturbing Categorical Exclusion Action Classification Form

STIP Project No.	B-5527
WBS Element	55027.1.FS1
Federal Project No.	BRSTP-0052(49)

A. Project Description: The proposed project involves replacing Bridge No. 122 on the US 52 northbound lanes over Toms Creek in unincorporated Surry County. Existing Bridge No. 122 will be replaced with a bridge approximately 200 feet long providing a minimum 40-foot clear deck width. The bridge will include two 12-foot lanes, a 6-foot inside shoulder, and a 10-foot full-depth paved outside shoulder. The roadway portion would have two 12-foot lanes, a 6-foot inside shoulder, and a 10-foot full-depth paved outside shoulder. To maintain traffic on US 52 northbound, an onsite detour bridge is proposed that would be located west of the existing bridge. The project is included in the 2018-2027 North Carolina Department of Transportation (NCDOT) State Transportation Improvement Program (STIP) and is eligible for the Federal-Aid Highway Bridge Program. Refer to Figure 1 (Vicinity Map).

B. Description of Need and Purpose: The purpose of the proposed project is to replace a deficient bridge. Bridge No. 122 was built in 1960. NCDOT Bridge Management Unit records indicate Bridge No. 122 currently has a sufficiency rating of 6 out of a possible 100 for a new structure. The bridge is considered structurally deficient due to a substructure condition appraisal of 4 out of 9 according to Federal Highway Administration (FHWA) standards.

C. Categorical Exclusion Action Classification: (Check one)

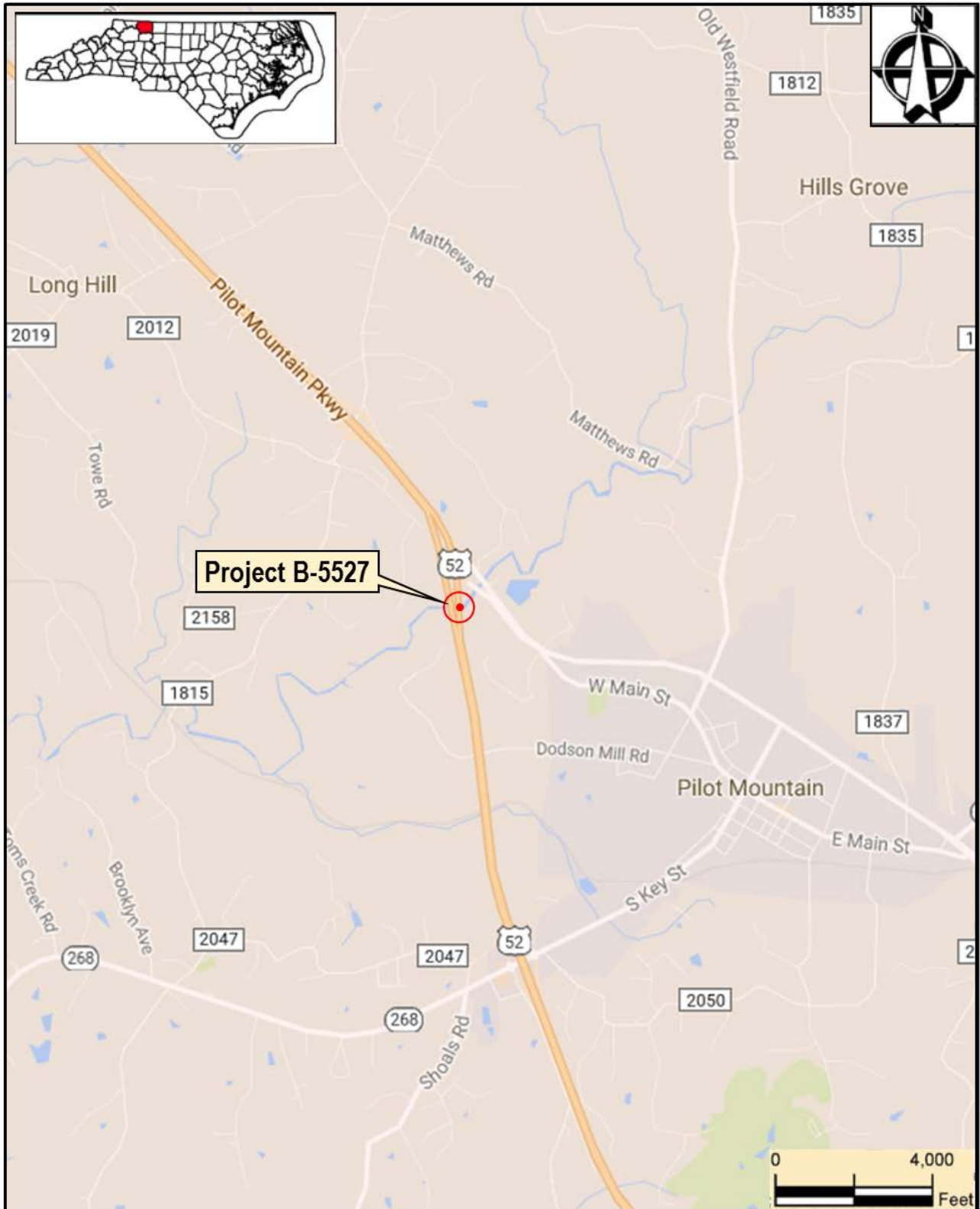
- | | | | |
|-------------------------------------|----------|--------------------------|-----------|
| <input checked="" type="checkbox"/> | TYPE I A | <input type="checkbox"/> | TYPE II A |
| <input type="checkbox"/> | TYPE I B | <input type="checkbox"/> | TYPE II B |

D. Proposed Improvements:

28. Bridge rehabilitation, reconstruction, or replacement or the construction of grade separation to replace existing at-grade railroad crossings, if the actions meet the constraints in 23 CFR 771.117(e) (1-6).

E. Special Project Information:

- **Project Location** – The project is located approximately 0.75-mile northwest of the community of Pilot Mountain. Refer to Figure 1 (Vicinity Map).
- **Costs** – STIP allocation for right of way and construction is \$400,000 and \$2,075,000, respectively.
- **Alternative Analysis** – One alternative was considered for this project, to replace ‘in-place’ the existing bridge with an on-site detour. The on-site detour would be located to the west of the existing bridge.



VICINITY MAP
Bridge No. 122 over Toms Creek
On US 52 Northbound Lanes

SURRY COUNTY
 TIP PROJECT B-5527

County:	SURRY
Div:	11
TIP#:	B-5527
WBS:	55027.1.FS1
Date:	FEBRUARY 2015

Figure
1

F. Project Impact Criteria Checklists:

<u>Type I & II - Ground Disturbing Actions</u>				
<u>FHWA APPROVAL ACTIVITIES THRESHOLD CRITERIA</u>				
If any of questions 1-7 are marked "yes" then the CE will require FHWA approval.			Yes	No
1	Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2	Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3	Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4	Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5	Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6	Does the project require an Individual Section 4(f) approval?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7	Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If any of questions 8 through 31 are marked "yes" then additional information will be required for those questions in Section G.				
<u>Other Considerations</u>			Yes	No
8	Does the project result in a finding of "may affect not likely to adversely affect" for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9	Is the project located in anadromous fish spawning waters?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10	Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11	Does the project impact waters of the United States in any of the designated mountain trout streams?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
12	Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
13	Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
14	Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<u>Other Considerations (continued)</u>			Yes	No

15	Does the project involve hazardous materials and/or landfills?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16	Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17	Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
18	Does the project require a U.S. Coast Guard (USCG) permit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
19	Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
20	Does the project involve Coastal Barrier Resources Act (CBRA) resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
21	Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
22	Does the project involve any changes in access control?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
23	Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
24	Will maintenance of traffic cause substantial disruption?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
25	Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
26	Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
27	Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
28	Does the project include a <i>de minimis</i> or programmatic Section 4(f)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
29	Is the project considered a Type I under the NCDOT's Noise Policy?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
30	Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
31	Are there other issues that arose during the project development process that affected the project decision?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

G. Additional Documentation as Required from Section F

H. Project Commitments

**Surry County Bridge No. 122 on
US 52 northbound over Toms Creek
Federal Project No. BRSTP-0052(49)
WBS No. 55027.1.FS1
TIP No. B-5527**

- Standard Environmental Commitments
 - All standard procedures will be implemented to avoid or minimize environmental impacts.
 - All practical Best Management Practices (BMPs) will be included and properly maintained during project construction.
 - NCDOT will implement Best Management Practices for Bridge Demolition and Removal.
- NCDOT Division 11 Construction
 - During construction, heavy equipment will not be operated in stream channels.
 - Siltation will be kept to a minimum by avoiding any unnecessary construction equipment traffic within the stream.
 - Sediment and erosion control measures will be employed.
 - Disturbed areas will be stabilized, primarily by reseeded.
- NCDOT Division 11/SMU/Hydraulics Unit
 - 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.
 - The Division/Hydraulics Unit will coordinate with the NC Floodplain Mapping Program (FMP), to determine status of project with regard to applicability of NCDOT's Memorandum of Agreement, or approval of a Conditional Letter of Map Revision (CLOMR) and subsequent final Letter of Map Revision (LOMR).

I. Categorical Exclusion Approval

STIP Project No. B-5527
WBS Element 55027.1.FS1
Federal Project No. BRSTP-0052(49)

Prepared By:

Date: 3/9/18

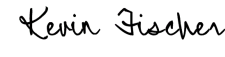


William Rice, AICP, NC Planning & Environmental Lead, AMT Engineering, Inc.

Prepared For: North Carolina Dept. of Transportation Structures Management Unit

Reviewed By:

Date: 4/24/2018

DocuSigned by:

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SMU Representative

Approved

If all of the threshold questions (1 through 7) of Section F are answered "no," NCDOT approves this Categorical Exclusion.

Certified

If any of the threshold questions (1 through 7) of Section F are answered "yes," NCDOT certifies this Categorical Exclusion.

FHWA Approved: For Projects Certified by NCDOT (above), FHWA signature required.

Date: _____

John F. Sullivan, III, PE, Division Administrator
Federal Highway Administration