


Project Information

Project Name:	#SGR PIGGOTT BOTTOM RD OVER CATOCTIN CR	Federal Project#:	STP-BR09(297)
Project Number:	0711-053-181, B603, C501, P101	Project Type:	Construction
UPC:	111689	Charge Number:	111689
Route Number:	711	Route Type:	Secondary
Project Limit--From:	Catoctin Creek	To:	Catoctin Creek
IPM Project Description:	#SGR18VB-PIGGOTT BOTTOM RD OVER BR OF CATOCTIN CR -Fed11305		
Additional Project Description:	This project is being delivered under federal project number BR09297 pursuant to the Federal-Aid Preventative Maintenance Agreement between FHWA Virginia Division and VDOT. The project consists of replacing the structurally deficient bridge on Piggott Bottom Road (Route No. 711) Over Branch of South Fork Catoctin Creek in Loudoun County, Virginia, with minimal approach roadway work and without realignment of the approach roadway. The proposed bridge will be 32 feet in width by 42 feet in length as well as 2.5 feet higher than the existing bridge to accommodate a flow area for a 10 year storm event.		
Purpose And Need:	The purpose of this project is to replace the existing bridge, which is in poor condition, with a longer and wider bridge. The new bridge will increase the hydraulic opening under the bridge and improve the safety of the roadway and bridge for the traveling public.		
District:	City/County:	Residency:	
Northern Virginia	Loudoun	Loudoun	

The subject project meets the criteria for a Programmatic Categorical Exclusion in accordance with:

X 23 CFR 771.117

Description of PCE Category:

c28 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 paragraph (e) of this section.

UNUSUAL CIRCUMSTANCES:

NO Significant environmental impacts

Determination: Based on the Scope of Work and review of preliminary plans dated 03/08/21, Northern Virginia District Environmental Staff determined there are no significant environmental impacts anticipated.

NO Substantial controversy on environmental grounds

Determination: Based on the Scope of Work and consultation with the Project Manager, Northern Virginia District Environmental Staff determined no substantial controversy on environmental grounds are anticipated.

- NO** Significant impact on properties protected by Section 4(f) of the Department of Transportation Act or Section 106 of the National Historic Preservation Act
Determination: Based on review of the preliminary plans and the VDOT GIS Integrator database layers, Northern Virginia Environmental Staff determined no properties identified for protection by Section 4(f) would be impacted. Additionally, the Cultural Resources Summary Report dated 11/24/20 provided a determination of No Effect on historic properties in accordance with Stipulation 2 of the 2016 Programmatic Agreement for Transportation Undertakings in Virginia.
- NO** Inconsistencies with any Federal, State, or local law, requirement or administrative determination relating to the environmental aspects of the action
Determination: Northern Virginia District Environmental Staff determined all Federal, State, and local laws, requirements or administration determinations will be adhered to throughout the duration of this project to preclude any inconsistencies.

IMPACTS:

- NO** Involves acquisition of more than minor amounts of temporary or permanent right of way acquisition
Determination: Based on the Scope of Work, the project will occur within existing right-of way.
- NO** Involves acquisitions that result in more than limited residential and non-residential displacements, based on the context and intensity of the impact
Determination: The project does not result in any property acquisitions or displacements based on the Scope of Work.
- NO** Results in capacity expansion of a roadway by addition of through lanes
Determination: The project does not result in an capacity expansion based on the Scope of Work.
- NO** Involves the construction of temporary access, or the closure of an existing road, bridge, or ramps, that would result in major traffic disruptions, based on the context and intensity of the impact
Determination: Per consultation with the Project Manager, the project will require closure of the road and a detour plan would be implemented throughout the project's duration to avoid major traffic disruptions.
- NO** Results in a determination of adverse effect on historic properties pursuant to Section 106 of the National Historic Preservation Act (54 U.S.C. §306108)
Determination: The Cultural Resources Summary Report dated 11/24/20 provided a determination of no effect on historic properties on 11/24/2020 in accordance with Stipulation 2 of the 2016 Programmatic Agreement for Transportation Undertakings in Virginia.
- NO** Requires the use of properties protected by Section 4(f) (49 U.S.C. § 303/23 U.S.C. § 138) that cannot be documented with an FHWA de minimis determination, or a programmatic Section 4(f) evaluation signed by FHWA
Determination: Based on review of the preliminary plans and the VDOT GIS Integrator database layers, Northern Virginia District Environmental Staff determined the project does not require any use of properties protected by Section 4(f). Additionally, the Cultural Resources Summary Report dated 11/24/20 provided a determination of no effect on historic properties on 11/24/2020 in accordance with Stipulation 2 of the 2016 Programmatic Agreement for Transportation Undertakings in Virginia.
- NO** Requires the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act of 1965 (54 U.S.C. § 200305) or other unique areas or special lands that were acquired in fee or easement with federal public-use-money and have deed restrictions or covenants on the property
Determination: Based on review of the preliminary plans, the project is limited to existing right of way and Northern Virginia District Environmental Staff determined there is no acquisition of land protected under Section 6(f) or other unique areas or special lands.
- NO** Requires a U.S. Army Corps of Engineers Section 404 (33 U.S.C. § 1344 permit other than a Nationwide or a General Permit)
Determination: A Section 404 Individual Permit is not required for this project based on the Permit Determination dated 12/07/2020.

- NO** Requires a U.S. Coast Guard bridge permit (33 U.S.C. § 401)
Determination: Per consultation with the Project Manager, the project does not involve crossing a navigable waterway of the U.S. to require a U.S. Coast Guard bridge permit.
- NO** Requires work that will cause an increase of the flood level by more than one foot within a regulatory floodway of water courses or water bodies or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to 23 CFR §650 subpart A
Determination: Based on consultation with the Project Manager, Northern Virginia District Environmental Staff determined the project will not cause an increase in the regulated floodway elevation by one foot or more.
- NO** Is defined as a "Type I project" per 23 CFR §772.5 and the VDOT noise manual for purposes of a noise analysis
Determination: Based on the Noise Form dated 05/24/2021, CO Noise Staff determined this project is a "Type III project" per 23 CFR §772.5 and the VDOT noise manual; therefore, a noise analysis is not required.
- NO** Is likely to adversely affect federally listed species or designated critical habitat, with the exception of a "may affect, likely to adversely affect" (MALAA) determination for the Northern Long-Eared Bat or Indiana Bat when the project is within the scope of the range-wide programmatic consultation for those species
Determination: Northern Virginia District Environmental Staff determined the project Scope of Work falls within a list of activities that would have no effect on federally listed species or designated critical habitat.
- NO** Involves any known or potential hazardous materials issues that represent a substantial liability or require substantial regulatory negotiation to resolve. Sites representing substantial liability would not include minor issues such as low-level petroleum impacts or minimal solid waste
Determination: The Hazardous Material Summary Reports dated 11/09/2020 determined there are no hazardous materials concerns that represent a substantial liability.
- NO** Does not meet the provisions of the "Planning Documents and NEPA Approvals" document. In accordance with 23 CFR §450 and the FHWA/VDOT/Federal Transit Administration/Virginia Department of Rail and Public Transportation MOA Statewide Transportation Improvement Program (STIP) Procedures MOA, actions listed in 23 CFR §771.117(c) and 23 CFR §771.117(d) may be grouped
Determination: The project is included in a STIP Grouping for "Maintenance: Preventive Maintenance for Bridges" and meets the provisions of the "Planning Documents and NEPA Approvals" document.
- NO** Causes disproportionately high and adverse effects on any minority or low-income populations
Determination: Based on the Scope of Work and review of the preliminary plans, Northern Virginia District Environmental Staff determined there are no disproportionately high and adverse effects on minority or low-income populations since all project work will occur within existing right-of-way.
- NO** Involves consideration of multiple NEPA alternatives
Determination: Based on a review of the limited Scope of Work by the Northern Virginia District Environmental Staff consideration of NEPA alternatives is not required.
- NO** Is an action listed in 23 CFR §771.115(a)
Determination: Northern Virginia District Environmental Staff determined the Scope of Work does not include an action listed in 23 CFR §771.115(a) and does not require the preparation of an environmental impact statement.
- NO** Involves unusual circumstances, pursuant to 23 CFR §771.117(b)
Determination: Northern Virginia District Environmental Staff determined the Scope of Work does not involve unusual circumstances, pursuant to 23 CFR §771.117(b).

Muse, John C.

08/05/2021

Environmental Manager, CE Determination

Date