


Project Information

Project Name:	Route 637 Bridge Replacement over Cat Point Creek	Federal Project#:	STP-PM06(404)
Project Number:	0637-079-610, B614, M501, P101, R201	Project Type:	Construction
UPC:	120718	Charge Number:	120718
Route Number:	637	Route Type:	Secondary
Project Limit--From:	CAT POINT CREEK	To:	CAT POINT CREEK
IPM Project Description:	ROUTE 637 OVER CAT POINT CREEK BRIDGE REPLACEMENT ID 14803		
Additional Project Description:	This project will replace the Route 637 bridge over Cat Point Creek, damaged by flooding, which has resulted in the closure of the bridge. The existing bridge consists of three spans for a total length of 81 feet and a width of 30 feet (28 feet curb to curb). The proposed replacement bridge will consist of two spans totally 110 feet in length and 30 feet in width (28 feet curb to curb). Approach work and guardrail replacement are also anticipated.		
Purpose And Need:	The purpose of this project is to provide a functional crossing of Cat Point Creek with a structure that meets current road and bridge standards.		
District:	City/County:	Residency:	
Fredericksburg	Richmond	Northern Neck	

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

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 a review of the scope and location of this project by the District Documents Staff, the context and intensity of the impacts to the natural and human environment are not significant.

NO Substantial controversy on environmental grounds

Determination: Based on the review of the scope and location of this project by the District Documents Staff, there will be no substantial controversy.

- 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 the review of the scope and location of this project by the District Documents Staff, no significant impact to Section 4(f) or Section 106 properties will occur.
- NO** Inconsistencies with any Federal, State, or local law, requirement or administrative determination relating to the environmental aspects of the action
Determination: Based on the review of the scope and location of this project by the District Documents Staff, there are no inconsistencies with any Federal, State or local law, requirement or administrative determination anticipated.

IMPACTS:

- NO** Involves acquisition of more than minor amounts of temporary or permanent right of way acquisition
Determination: Based on the review of the scope and location of this project and the current Plan Sheets by the District Documents Staff no right of way is to be acquired.
- NO** Involves acquisitions that result in more than limited residential and non-residential displacements, based on the context and intensity of the impact
Determination: Based on the review of the scope and location of this project and the current Plan Sheets by the District Documents Staff no right of way is to be acquired.
- NO** Results in capacity expansion of a roadway by addition of through lanes
Determination: The scope of this project does not include the addition of through lanes.
- 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: Due to damage to the bridge caused by flooding this structure has been closed since June 11, 2021. Prior to this closure the average daily traffic flow was 763 vehicles per day. The existing detour is necessary and does not represent a major traffic disruption for the immediate area.
- 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 District Cultural Resource Staff made a "No Effect" determination for this project.
- 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: A review of the scope and location of this project by the District Documents Staff indicates that there is no use of any Section 4(f) properties.
- 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: A review of the scope and location of this project by the District Documents Staff indicates that there is no conversion of use of any Section 6(f) properties 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 review of the scope and location of this project by the District Natural Resources Staff indicates that Nationwide 23 and VPG-1 permits will be required.
- NO** Requires a U.S. Coast Guard bridge permit (33 U.S.C. § 401)
Determination: A review of the scope and location of this project by the District Documents Staff indicates that this project does not 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: A review of the scope and location of this project by the District Hydraulics Engineer indicates that the project should not cause more than minimal changes to peak flow characteristics, nor should it not increase the flooding potential in the associated floodplains. Therefore, this project will not cause an increase of the flood levels in or adjacent to the project area.
- 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: Per VDOT Noise Section guidance this project is not Type I and does not require a noise analysis.
- 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: A review for impacts to federally listed species or designated critical habitat was completed by the District Natural Resources Staff. No federally listed species or habitat is likely to be adversely affected. Time of year restrictions for anadromous fish and birds may be required.
- 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: Based on the review of the scope and location of this project by the District Hazardous Materials Staff, no known or potentially hazardous materials are likely to be present.
- 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: This project meets fiscal constraint requirements and is grouped under "Construction: Bridge Rehabilitation/Replacement/Reconstruction."
- NO** Causes disproportionately high and adverse effects on any minority or low-income populations
Determination: An Environmental Justice Analysis was performed by the District Documents Staff and this analysis indicates that there are no minority or low-income populations impacted by this project. Therefore, in accordance with the provisions of E.O. 12898 and FHWA Order 6640.23, no further EJ analysis is required.
- NO** Involves consideration of multiple NEPA alternatives
Determination: The scope of this project does not require the consideration of alternatives.
- NO** Is an action listed in 23 CFR §771.115(a)
Determination: This project is not one of, or similar to, any of the six actions listed under 23 CFR §771.115(a).
- NO** Involves unusual circumstances, pursuant to 23 CFR §771.117(b)
Determination: This project does not involve any of the unusual circumstances enumerated under 23 CFR §771.117(b).

Williams, Heather L.

03/03/2022

Environmental Manager, CE Determination

Date