

Programmatic Categorical Exclusion (PCE)

(Last Revised: 10/18/2017)

Project Information

Project Name: Lakeview-Branders Bridge Roundabout

Federal Project#: RSTP-5A27(706)

Project Number: 0625-020-789

Project Type: Construction, Maintenance/Replacement

UPC: 109229

Charge Number:

Route Number: Virginia Route 625 and 626

Route Type: Secondary

Project Limit--From: 0.125 mi. North of Route 625

To: 0.125 mi. South of Route 625

Project Description: The proposed project involves the reconstruction of the intersection of Lakeview Avenue and Branders Bridge Road.

Additional Project Description: Chesterfield County is proposing improvements totaling approximately 2,400 linear feet across the four legs of the intersection of Lakeview Road and Branders Bridge Road. The project generally involves the reconstruction of the intersection from a four legged, stop-controlled intersection to a roundabout. The project will include curb and gutter, storm sewer, culverts, truck apron & splitter islands, landscaping, stormwater management, pavement markings, signs and maintenance of traffic.

Purpose and Need: The current four-legged intersection was identified as needing safety and capacity improvements. The purpose of the proposed project is to provide improved traffic flow and increase safety at the intersection of Lakeview Avenue and Branders Bridge Road.

District: Richmond

City/County: Chesterfield County

Residency: Chesterfield

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

23 CFR 771.117

Description of PCE Category:

(C-23): Federally funded projects that receive less than \$5,000,000 of Federal funds.

UNUSUAL CIRCUMSTANCES (YES/NO):

NO Significant environmental impacts

Determination: Based on a review of the scope and location of the project by the Chesterfield Department of Transportation (CDOT) Project Manager, 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 a review of the scope and location of the project by the CDOT Project Manager, no substantial controversy is 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 a review of the scope and location of the project by the CDOT Project Manager and coordination with the State Historic Preservation Office, as well as review of the Virginia Outdoors Plan Mapper, 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 a review of the scope and location of the project by the CDOT Project Manager, no inconsistencies with any Federal, State or local law, requirement or administrative determination are anticipated.



IMPACTS (YES/NO):

- NO** Involves acquisition of more than minor amounts of temporary or permanent right of way acquisition
Determination: Only minor amounts of temporary and permanent right of way easements will be required.
- NO** Involves acquisitions that result in more than limited residential and non-residential displacements, based on the context and intensity of the impact
Determination: No acquisitions or displacements are planned for the project footprint.
- NO** Results in capacity expansion of a roadway by addition of through lanes
Determination: This project does not involve 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: No major traffic disruptions are anticipated, based on the context and intensity of the project impact. Traffic may be maintained by use of temporary road widening and/or short-term closures of Rte. 625 North. Only minor impacts are anticipated.
- 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 Virginia Department of Historic Resources determination (dated 4/3/2020) indicates that the project will have an effect on historic resources, however, the effect will not be adverse.
- 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: FHWA concurred with a de minimis impact determination for the Swift Creek Battlefield (VDHR No. 020-5318) on Monday, July 6, 2020. As such, according to the Department of Conservation and Recreation (DCR) Virginia Outdoors Plan Mapper, there are no publicly owned parks, recreational areas, or wildlife and waterfowl refuges within the project area.
- 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: There will be no acquisition of Section 6(f) properties, or other unique areas or special lands as determined by the CDOT Project Manager.
- 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: The Site was delineated based upon the methodology outlined in the 1987 U.S. Army Corps of Engineers (USACE) Wetland Delineation Manual on March 5, 2020. No Wetlands and Waters of the U.S. were found onsite and therefore a Section 404 permit will not be required as determined by the CDOT Project Manager.
- NO** Requires a U.S. Coast Guard bridge permit (33 U.S.C. § 401)
Determination: The CDOT Project Manager reviewed the project scope and site location on March 5, 2020 and determined that the 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: The CDOT Project Manager reviewed the project scope and site location on March 5, 2020 and determined that this project will not cause an increase of more than one foot in 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 the VDOT Noise Manual, this project is not Type I and therefore 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 Section 7 range-wide programmatic consultation for those species
Determination: A review for impacts to federally listed species and designated critical habitat, including that for Bald Eagles, was completed. A “NLTA” determination for the Northern Long-Eared Bat was made and a NLEB Determination Key was submitted to U.S. Fish and Wildlife Service (USFWS) on February 2, 2020. No federally listed species or habitat is likely to be adversely affected.
- 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: No known or potential hazardous materials issues that represent a substantial liability or require substantial regulatory negotiation to resolve are present as determined by the CDOT Project Manager on 2/22/20.

- 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 meets fiscal constraint requirements and is appropriately programmed in the FY 2018 STIP Grouping “Construction: Safety/ITS/Operational Improvements”
- NO** Causes disproportionately high and adverse effects on any minority or low-income populations
Determination: There will be no relocations, no displacements, no disruption of community, and no disruption of emergency services associated with this project. Therefore, no minority or low-income populations would be adversely impacted by the proposed project. Therefore, in accordance with the provisions of E.O. 12898 and FHWA Order 6640.23, no further Environmental Justice analysis is required as determined by the CDOT Project Manager.
- NO** Involves consideration of multiple NEPA alternatives
Determination: The scope of this project does not require the consideration of alternatives as determined by the CDOT Project Manager on 2/22/2020.
- NO** Is an action listed in 23 CFR §771.115(a)
Determination: This project is not one of, nor similar to, any of the six actions listed under 23 CFR §771.115(a) as determined by the CDOT Project Manager on 2/22/2020.
- 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) as determined by the CDOT Project Manager on 2/22/2020.

Environmental Manager, CE Determination

Date