

TO: FHWA
FROM: Brian Reid, VDOT Hampton Roads District, Acting Environmental Manager
DATE: 11/25/2019

CATEGORICAL EXCLUSION (CE)

Date CE level document approved by VA FHWA Division: July 7, 2019

FHWA Contact: John Simkins

Route: 628

Route Type: Urban

Project Type: Construction

State Project Number: U000-133-R94, C501, P101, R201

Federal Project Number: CMAQ-5A03(964)

UPC: 111089

From: 0.06 Mile Northwest of Intersection Route 17 and Route 628 on Bridge Road.

To: 0.25 Mile Southeast of Intersection Route 17 and Route 628 on Bridge Road

From: Intersection of Route 628 and Route 17 on Crittenden Road

To: 0.25 Mile Southwest of Intersection of Route 628 and Route 17 on Crittenden Road

County/City: Suffolk, VA

District / Residency: Hampton Roads District

Project in STIP: Yes No

Project in Long Range Plan: Yes No N/A Project Outside of MPO Area

Next Phase of Funding Available: Yes No

Project Description: The project would realign the existing intersection of Crittenden Road (Route 628) and Bridge Road (Route 17) with Clubhouse Drive creating a new four-way signalized intersection with associated drainage and sidewalk improvements. The project would provide a freeflow right turn lane from Crittenden Road onto Bridge Road, dual left turn lanes from Bridge Road to Crittenden Road and a right turn lane from Bridge Road onto Crittenden Road.

CE Category 23 CFR 771.117: d

Description of CE Category: Additional actions that meet the criteria for a CE in the CEQ regulations (40 CFR 1508.4) and paragraph (a) of this section may be designated as CEs only after Administration approval unless otherwise authorized under an executed agreement pursuant to paragraph (g) of this section. The applicant must submit documentation that demonstrates that the specific conditions or criteria for these CEs are satisfied, and that significant environmental effects will not result.

USGS Map Attached Yes

Logical Termini and Independent Utility:

Yes N/A (For Non-highway construction only, explain in comments below)

Purpose and Need Statement: The purpose of the project is to provide acceptable operational levels of service at the intersection of Crittenden Road and Bridge Road for future traffic volumes and to address the grade differential within the existing intersection. In order to accommodate the projected increase in traffic

and provide safety improvements at the intersection, the project proposes to realign the intersection with Clubhouse Drive, provide a freeflow right turn lane from Crittenden Road onto Bridge Road, dual left turn lanes from Bridge Road to Crittenden Road and a right turn lane from Bridge Road onto Crittenden Road.

Comments: N/A

Typical Section: The realigned Crittenden Road, as proposed, consists of two 12' travel lanes in each direction with the outside northbound lane becoming a free flow right turn lane onto Bridge Road. The north and south bound lanes would be separated with a 4' wide concrete median. A 10' wide sidewalk is proposed on the north side of the new roadway and a 5' sidewalk on the south side. Dual left turn lanes are also proposed on northbound Bridge Road to turn onto the new Crittenden Road and a southbound lane to receive the freeflow lane from Crittenden Road would be extended along Bridge Road approximately 1000 feet. The 5' sidewalk would also be extended along the south side of Bridge Road from the new intersection southbound approximately 800 feet.

Structures: N/A

	PRESENT		IMPACTS	
	YES	NO	YES	NO
SOCIO-ECONOMIC				
Minority/Low Income Populations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Disproportionate Impacts to Minority/Low Income Populations: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Existing or Planned Public Recreational Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Source: City of Suffolk Planning Division GIS Data, 2018 United States (US) Census Bureau Data</i>				
Community Services	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Source: City of Suffolk Planning Division GIS Data</i>				
Consistent with Local Land Use: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
<i>Source: City of Suffolk Planning Division GIS Data</i>				
Existing or Planned Bicycle/Pedestrian Facilities:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Source: City of Suffolk Planning Division GIS Data, 2018 US Census Bureau Data (2013-2017 American Community 5-Year Estimates)</i>				
<p>Comments: No public recreational facilities, community services, or bicycle/pedestrian facilities are present nor would be impacted per review of City of Suffolk Planning Division GIS Data and Project Design Plans. See description of adjacent property owners, including home/property value, in Appendix A - Socio-economic Data. While minority populations are present within the project area, a review of 2013-2017 US Census data shows minority populations within the project area (zip codes 23433 and 23436) are lower than within the overall City of Suffolk region; 13.4% and 16.8% vs 47.8%, respectively. Additionally, the low-income population within the project area zip codes is 3.8% and 1.2% based on the US Census Bureau 2018 poverty threshold data. Comparatively, the low-income population within the overall City of Suffolk region is 11.2%. See Appendix A - Socio-economic Data for environmental justice data for the project area and City of Suffolk. The proposed roadway improvements do not require any residential relocations and are not expected to impact migration or demographic characteristics in the area. There are no impacts to environmental justice populations as a result of the proposed project (i.e., no relocations, no displacements, no disruption of community, and no disruption of emergency services).</p>				

SECTION 4(f) and SECTION 6(f)	YES	NO
Use of 4(f) Property:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Acres of use:		
Name of Resource:		
Type of Resource:		
Individually Eligible Historic Property:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Contributing Element to Historic District	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Public Recreation Area:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Public Park:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Public Wildlife/Waterfowl Refuge:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Planned Public Park, Recreation Area, Wildlife or Waterfowl Refuge:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source: Virginia Department of Historic Resources (VDHR) Virginia Cultural Resource Information System (VCRIS) mapping- Section 4(f), City of Suffolk Planning Division GIS Data, Department of Conservation and Recreation (DCR) Managed Conservation Lands mapping		
De Minimis:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Type of Use:		
Permanent:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Temporary:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
*Constructive:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
*Temporary Non 4(f) Use	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Section 4(f) Evaluation Attached:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Conversion of 6(f) Property:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Acres of Conversion:		
Source: VDHR VCRIS mapping- Section 4(f), City of Suffolk Planning Division GIS Data, DCR Managed Conservation Lands mapping, DCR- Virginia Outdoors Plan Mapping		
<p>Comments: A review of VDHR VCRIS data indicated that there are no historic/cultural resources within the project limits. All properties within the project area are privately owned and no conservation lands managed by DCR exist within the project area. Additionally, no federal, local, non-profit, or state-owned public access lands exist within the project area. Therefore, there will be no permanent or temporary use of public parks, recreation areas or waterfowl/wildlife refuges, or historic properties in associated with this project. See VDHR VCRIS mapping dated July 22, 2019, DCR Managed Conservation Lands Mapping dated August 12, 2019, and DCR- Virginia Outdoors Plan Mapping dated August 26, 2019 in Appendix B - Section 4(f) and Section 6(f) Data.</p>		

CULTURAL RESOURCES	COMPLETE	N/A
Source:		
"No Effect" Pursuant to 1999 DHR Agreement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Phase I Architecture Conducted	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Phase II Architecture Conducted	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Phase I Archaeology Conducted	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Phase II Archaeology Conducted	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Section 106 Effect Determination: No Effect		

DHR Concurrence on Effect: Yes <input checked="" type="checkbox"/>	Date: 8/6/2019			
MOA Attached: Yes <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Execution Date: / /			
Name of Historic Property:				
Comments: VDHR letter (dated August 6, 2019) determined no historic properties would be affected by the proposed project and that no further identification efforts were warranted. See Appendix C- Cultural Resources Data . Therefore, there will be no impacts to cultural resources as a result of the proposed project.				
NATURAL RESOURCES	PRESENT	IMPACTS		
	YES	NO	YES	NO
Surface Water (Name:) None	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source: "The National Map" topographic mapping produced by the United States Geological Survey (USGS).				
Federal Threatened or Endangered Species:				
Terrestrial: Northern Long-Eared Bat (NLEB), Red-Cockaded Woodpecker.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Aquatic: No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Plants: No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source: DCR letter (August 8, 2019), United States Fish and Wildlife Service (USFWS) - Species Conclusion Table (September 27, 2019), NLEB Verification Letter (September 27, 2019), and Self-Certification Letter (September 27, 2019), Department of Game and Inland Fisheries (DGIF) - Virginia Fish and Wildlife Information Service (VaFWIS) Report (September 27, 2019). This data is included in Appendix D - Federal Threatened or Endangered Species Data.				
100 Year Floodplain:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If "Yes" then identify the regulatory floodway zone:				
Source: Federal Emergency Management Agency (FEMA) National Flood Layer FIRMette mapping accessed 7/10/2019 and effected 8/3/2015. Panels 5101560019E and 5101560038E.				
Tidal Waters/Wetlands: Not Present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetlands: Present with Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Source: United States Army Corps of Engineers (COE) Preliminary Jurisdictional Determination issued September 5, 2019.				
Permits Required: A State Programmatic General Permit is required.	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Source: Based on a review of the proposed project plans and amount of wetlands anticipated to be impacted (+/- 0.30 acres), a State Programmatic General Permit will be required.				
Comments: Natural resources information obtained from USFWS, DCR, and DGIF pertaining to the project area is included in Appendix D . The project may affect the NLEB; however any take that may occur as a result of the project is not prohibited under the ESA Section 4(d) rule adopted for this species as 50 CFR 17.40(o). Natural resources information obtained from USGS, FEMA, and COE pertaining to the project area is included in Appendix E - Natural Resources Data . Approximately 0.30 acres of non-tidal forested wetlands are anticipated to be impacted as a result of the proposed project, and a State Programmatic General Permit will be required. Required permits and compensatory mitigation will be coordinated with the regulatory agencies during the permit acquisition process.				

AGRICULTURAL/OPEN SPACE	PRESENT		IMPACTS	
	YES	NO	YES	NO
Open Space Easements	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source: City of Suffolk Planning Division GIS Mapping				

Agricultural/Forestal Districts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source: <i>City of Suffolk Planning Division GIS Mapping</i>				
Comments: See Appendix F- Agricultural/Open Space & Farmland Data for City of Suffolk Planning Division GIS Mapping depicting parcel zoning within the project area.				
FARMLAND	YES	NO		
NRCS Form CPA-106 Attached: Rating:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Alternatives Analysis Required:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
If Form CPA-106 is not attached check all that are applicable:				
Land already in Urban use:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Entire project in area <i>not</i> zoned agriculture:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
NRCS responded within 45 days:	<input type="checkbox"/>	<input type="checkbox"/>		
NRCS Determined no prime or unique farmland in the project area.	<input type="checkbox"/>	<input type="checkbox"/>		
Source: <i>City of Suffolk Planning Division GIS Mapping, National Resources Conservation Service (NRCS) Web Soil Survey.</i>				
Comments: While Prime Farmland soils occur within the project area per NRCS Soil Survey Mapping, no land within the project area is currently in-use for agricultural purposes. Therefore, no farmland will be converted as a result of this project. See Appendix F - Agricultural/Open Space & Farmland Data for City of Suffolk Planning Division GIS Mapping depicting parcel zoning within the project area and NRCS Web Soil Survey mapping.				

INVASIVE SPECIES	PRESENT		
	YES	NO	UNKNOWN
Invasive Species in the project area:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>There is potential for invasive species to become established along the limits of disturbance of the project during and following construction. Section 244.02(c) of VDOT's Road and Bridge Specifications (2016) includes provisions intended to control noxious weeds (which includes non-native and invasive species).</p> <p>While rights-of-ways are at risk from invasive species colonization from adjacent properties, implementing the above provisions would reduce or minimize potential for introduction, proliferation, and spread of invasive species. Additionally, the implementation of best management practices (BMPs) for erosion/sediment control and abatement of pollutant loading would minimize indirect impacts to adjoining communities and habitat by reducing excess nutrient loads that could encourage invasive species proliferation.</p>			
Comments:			

AIR QUALITY		
Carbon Monoxide (CO)	Yes	No
This project is located in a CO <input checked="" type="checkbox"/> Attainment Area <input type="checkbox"/> Maintenance Area		
CO Hotspot Analysis Required? (if "Yes", please attach analysis)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If "No", indicate which exemption it falls under:		
<input type="checkbox"/> Exempt project under 40 CFR 93.126.		
<input checked="" type="checkbox"/> Exempt project based on traffic volumes below thresholds in the current VDOT Project Level Air Quality Studies Agreement with FHWA/EPA.		

Ozone		
This project is located in an Ozone	<input checked="" type="checkbox"/> Attainment Area	<input type="checkbox"/> Maintenance Area
	<input type="checkbox"/> Nonattainment Area	<input type="checkbox"/> Early Action Compact Area
Only projects located in ozone nonattainment or maintenance areas must complete this box		
<input type="checkbox"/> Exempt from regional emissions requirements under 40 CFR 93.126 or 40 CFR 93.127.		
<input type="checkbox"/> Properly programmed in the CLRP and FY - TIP.		
<input type="checkbox"/> The project is not regionally significant and/or is not of a type that would normally be included in the regional transportation model.		
<input type="checkbox"/> This project is regionally significant; however the project was not modeled, or the scope of the project is not consistent with what was modeled in the currently conforming CLRP and TIP.		
Fine Particulate Matter (PM_{2.5})	Yes	No
This project is located in a PM _{2.5}	<input type="checkbox"/> Nonattainment Area	<input type="checkbox"/> Maintenance Area
	<input checked="" type="checkbox"/> Attainment Area (if checked, do not fill out box below)	
PM _{2.5} Hotspot Analysis Required? (If "Yes", Please Attach Analysis)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Check all that apply;		
<input type="checkbox"/> A. Exempt project under 40 CFR 93.126, Table 2.		
<input type="checkbox"/> B. Not a project of air quality concern under 40 CFR 93.123(b)(1)(i) thru (v).		
<input type="checkbox"/> C. Properly programmed in the CLRP and FY - TIP.		
<input type="checkbox"/> D. This project is regionally significant; however the project was not modeled, or its scope is not consistent with what was modeled, in the currently conforming CLRP and TIP.		
If "B" is checked above, please indicate the following for highway projects;		
Design Year _____, Peak AADT _____, Peak Diesel Truck % _____		
Mobile Source Air Toxics (MSAT)		
This project	<input checked="" type="checkbox"/> is exempt with no meaningful potential MSAT effects	
	<input type="checkbox"/> is one with low potential MSAT effects (attach qualitative MSAT analysis)	
	<input type="checkbox"/> is one with high potential MSAT effects (attach quantitative MSAT analysis)	
Check all that apply;		
<input checked="" type="checkbox"/> Exempt project under 40 CFR 93.126, or qualifies as a CE under 23 CFR 771.117(c).		
<input checked="" type="checkbox"/> Project with no meaningful impact on traffic volumes or vehicle mix.		
If a qualitative MSAT analysis is required, please indicate the following for highway projects;		
Design Year: _____ Peak AADT: _____		
Source: <i>Air Quality Assessment Technical Report for Crittenden Road and Route 17 Intersection Realignment, September 2019.</i>		
Comments This project is currently included in the Hampton Roads Transportation Planning Organization (HRTPO) FY 2018 – 2021 Transportation Improvement Program (UPC # 111089) and the HRTPO 2040 Long-Range Transportation Plan, which received a joint FTA/FHWA conformity finding for the 1997 ozone standard, dated October 29, 2018. See Appendix G - Air Quality Data for the September 2019 Air Quality Assessment Technical Report for Crittenden Road and Route 17 Intersection Realignment.		

NOISE	YES	NO
Type I Project:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source:		
Noise Analysis Attached:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Barriers Under Consideration:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source: <i>Noise study was determined to be unwarranted because this is not a Type I project.</i>		

Comments:

RIGHT OF WAY AND RELOCATIONS	YES	NO		
Residential Relocations: If "Yes", number:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<i>Source: Proposed Project Design Plans and City of Suffolk Planning Division GIS Mapping</i>				
Commercial Relocations: If "Yes", number:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<i>Source: Proposed Project Design Plans and City of Suffolk Planning Division GIS Mapping</i>				
Non-profit Relocations: If "Yes", number:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<i>Source: Proposed Project Design Plans and City of Suffolk Planning Division GIS Mapping</i>				
Right of Way required: If "Yes", acreage amount: 90,242 SF/ 2.0717 AC (comprised of fee simple right of way, permanent utility and drainage easements, and temporary construction easements within footprint of proposed roadway realignment)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<i>Source: Preliminary Right of Way Data Sheet from 60% Project Design Plans dated 8/2/2019.</i>				
	PRESENT		IMPACTS	
	YES	NO	YES	NO
Septic Systems, Wells, or Public Water Supplies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Source: Proposed Project Design Plans and City of Suffolk Planning Division GIS Mapping</i>				
Hazardous Materials:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Source: Government Records Report generated by Envirosite Corporation dated September 23, 2019. The report was designed to meet the search requirements of EPA's Standards and Practices for all Appropriate inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments.</i>				
Comments: No residential, commercial, or non-profit properties will be relocated as a result of the proposed project. Additionally, no hazardous materials are present or impacted within the proposed project area. See Appendix H - Right of Way and Relocations Data for Preliminary Right of Way Data Sheet from 60% design plans and Government Records Report for Hazardous Materials.				

CUMULATIVE AND INDIRECT IMPACTS	PRESENT		
	YES	NO	N/A
Present or reasonably foreseeable future projects (highway and non-highway) in the area:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Impact same resources as the proposed highway project (i.e. cumulative impacts):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Indirect (Secondary) impacts:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Source: VDOT Six Year Improvement Program, City of Suffolk Comprehensive Plan (2015-2035)</i>			
Comments: It is anticipated that the project would contribute to increased economic growth of the adjacent and surrounding area due to improved traffic circulation. Additionally, based on the City of Suffolk Comprehensive Plan, the project lies in the Proposed Northern Growth Area.			

PUBLIC INVOLVEMENT	YES	NO
Substantial Controversy on Environmental Grounds:	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source:		
Public Hearing: If "Yes", type of hearing: Design Public Hearing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other Public Involvement Activities: If "Yes", type of Involvement:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source:		
Comments: Design Public Hearing scheduled for early 2020. The CE will be available for public review at least 30 days before the public hearing.		

COORDINATION

The following agencies were contacted during development of this study:

- Department of Conservation and Recreation
- United States Fish & Wildlife Service
- Department of Game & Inland Fisheries
- Virginia Department of Historic Resources
- Virginia Department of Transportation
- United States Army Corps of Engineers

This project meets the criteria for a Categorical Exclusion pursuant to 40 CFR 1508.4 and 23 CFR 771.117 and will not result in significant impacts to the human or natural environment.