

TO: FHWA
FROM: Melissa Wolford, Hampton Roads District, Environmental Manager
DATE: April 16, 2020

**CATEGORICAL EXCLUSION (CE)
DOCUMENTATION**

Date CE level document approved by FHWA VA Division: 12/31/2018

FHWA Contact: Mack Frost, Environmental Specialist

Route: Centerville Turnpike, Route 915

Route Type: Primary

Project Type: Construction

State Project Number: VDOT U000-134-842, P101, R201, C501

Federal Project Number: STP-5A03 (840)

UPC: 109381

From: 0.43 Miles South of Lynnhaven Parkway

To: 0.75 Miles North of Lynnhaven Parkway

County/City: Virginia Beach, Virginia

District/Residency: Hampton Roads

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: This project would widen Centerville Turnpike from the existing 2-lane undivided open section roadway to 4-lane divided with raised median, sidewalk, curb and gutter, with underground stormwater conveyances and Best Management Practices (BMP) in a 99 ft right-of-way. See attached environmental study area map. The project consists of 4 lanes with a median from 0.43 miles south of Lynnhaven Parkway to 0.75 miles north of Lynnhaven Parkway. From 0.43 miles south of Lynnhaven Parkway to the Chesapeake City Line, the roadway transitions from a 4-lane divided roadway to a 2-lane undivided roadway, tying into existing facilities. A bicycle lane on either side, an 8-ft asphalt sidewalk on the west side and a 5-ft concrete sidewalk on the east side are proposed. Utilities are to be relocated within right-of-way where feasible.

The drainage system along the study corridor directs stormwater to a major drain just south of the City of Virginia Beach and Chesapeake City Line that crosses under Centerville Turnpike and heads east to Stumpy Lake. The project would convey drainage to this facility with improvements to accommodate new drainage volumes. Additionally, the project would re-grade a short section of ditch and establish a construction access area on the east side of Centerville Turnpike in the City of Chesapeake near the Virginia Beach City Line. A stormwater facility would be constructed at Centerville Park and hydrodynamic separators used at Centerville Elementary and Glenview Drive (see Attachment A: Hydrodynamic Separators).

CE Category 23 CFR 771.117: (d)

Description of Category: Additional actions which 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 shall submit documentation which demonstrates that the specific conditions or criteria for these CEs are satisfied and that significant environmental effects will not result.

USGS Map Attached

Logical Termini and Independent Utility: Yes N/A (For Non-highway construction only, explain in comments below)

The proposed project has rational end points for both the transportation improvement and the environmental review. The project has independent utility and logical termini at 0.43 miles south of Lynnhaven Parkway and 0.75 miles north of Lynnhaven Parkway. No additional transportation improvements would be necessary.

Purpose and Need Statement: The purpose and need of the project is to accommodate existing and forecasted travel demand, reconstruct the roadway to meet current design standards to improve safety and turning movements, modify accesses to improve traffic flow/safety, improve bicycle/pedestrian multimodal options, and address drainage issues. Increased travel demand since construction of Centerville Turnpike in its current configuration has led to high existing (2017) traffic volumes in the study corridor from Kempsville Road to Lynnhaven Parkway that contribute to congestion. Centerville Turnpike is currently a 2-lane undivided roadway between Kempsville Road and Lynnhaven Parkway that carries Average Daily Traffic (ADT) of 17,680 vehicles (2017 data) with a capacity of 12,000 vehicles in the study corridor, per the project traffic analysis. It has a projected ADT volume of 27,615 vehicles per day under the 2045 No-Build scenario, an increase of 56% (2018 Centerville Turnpike Phase III Preliminary Engineering Report).

Roadway deficiencies of the existing highway include inadequate shoulders and lack of turn lanes contributing to conflict points and rear-end collisions. These deficiencies contribute to increased congestion and decreased safety as there is no accommodation for vehicle breakdowns or law enforcement pullovers. Uncontrolled access points at Old Ridge Road, southbound turn lanes into Woods Corner, Amberbrooke Way, and Infinity Lane impede traffic flow and decrease safety for through traffic.

Discontinuous sidewalks and no bicycle lanes or paths in the study corridor contribute to increased vehicle and pedestrian/bicycle conflicts.

Typical Section: The typical section of Centerville Turnpike would have two 11-ft through lanes in each direction, a 4-ft bike lane in each direction, a 38-ft grass median with curb dividing the roadway, and curb and gutter (2.5-ft wide) on both roadway edges. The southbound typical would have a 4.5-foot buffer strip from back of curb, followed by an 8-foot asphalt sidewalk and a 1-foot grassy area prior to slope tie-in. The northbound typical would have a 4.5-foot buffer strip from back of curb, followed by a 5-ft concrete sidewalk and a 1-ft grassy area prior to slope tie-in. The typical width of the roadway would be approximately 130 ft. Future through lanes, for the ultimate 6-lane configuration, would be constructed in the median area.

Structures: None

SOCIO-ECONOMIC	PRESENT		IMPACTS	
	YES	NO	YES	NO
Minority/Low-Income Populations: Present with impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Sources: Race and ethnicity data obtained from American Community Survey 5-year (2012-2016) at https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t Low-income populations were identified using American Community Survey 5-year (2012-2016) median household income data available online at American Factfinder (https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t). Recreational facilities identified by review of local capital improvement plans, resource agency databases, local recreation department websites, and online mapping.</p>				
Community Services: Present minor impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Sources: Review of local government capital improvement plans, resource agency databases, local recreation department websites, and online mapping.</p>				
Consistent with Local Land Use: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
<p>Source: City of Virginia Beach Zoning Maps and Transportation Plan, City of Chesapeake Zoning Maps and Transportation Plan.</p>				
<p>Comments: Four of the seven Census block groups in the study area meet the threshold for a minority population and are therefore Environmental Justice (EJ) Populations. No study block groups had a median household income below the Department of Health & Human Services (HHS) poverty threshold in 2016 thus no low-income populations are present. The project would benefit all users including the minority populations along the project corridor, while having similar right-of-way and temporary construction impacts in both minority and non-minority population block groups. After avoidance and minimization considerations, relocation of a single family residence is expected with the project at 1945 Centerville Turnpike. Although the residential relocation would occur in a Census block group containing minority populations (462.19 BG 1), the non-minority resident population within that same block group is approximately 43 percent. This increases the probability that the relocation would not be borne by minorities and the impact would likely not be disproportionate. The minority status of individuals potentially relocated is not known at this time, as contact would be made during the right-of-way acquisition process. As this project would not likely cause disproportionately high and adverse effects on any minority or low-income population, no disproportionately high and adverse impacts to EJ populations are anticipated.</p> <p>Existing recreation facilities include Centerville Elementary School playgrounds, Centerville Park, and off-road bike facilities/shared-use path sidewalks along Kempsville Road and Lynnhaven Parkway. A combination of on and off-road bike lanes and wide sidewalk are proposed along Centerville Turnpike as part of this project (consistent with the City of Virginia Beach's 2011 Bikeways and Trails Plan). The project could impact the field at Centerville Park as described in the Section 4(f) part below.</p> <p>Community facilities or services in the study area include two places of worship (Resurrection United Methodist Church and Colonial Baptist Church), and two schools (Virginia Beach Theological Seminary and Centerville Elementary School). No libraries, post offices, urgent care centers, hospitals, fire stations, police stations, recreational centers, community centers, cemeteries, or senior facilities are in the study area. Impacts to community facilities by the project would be minor right-of-way acquisitions that would not hinder access. The addition of bike and pedestrian facilities would improve access to these community facilities. Impacts at Centerville Park would involve both right-of-way along the park boundary and existing Turnpike, and a planned stormwater management facility. However, the official with jurisdiction (Parks and Recreation Department) concurred that these impacts would be minor (see Section 4(f) below).</p>				

SECTION 4(f) and SECTION 6(f)	YES	NO
Use of 4(f) Property: Acres of Use: 1.16	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Name of Resource: Centerville Park		
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: Centerville Park	<input checked="" type="checkbox"/>	<input 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: Locality parks and recreation websites, field observation		
De Minimis:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Type of Use:		
Permanent:	<input checked="" type="checkbox"/>	<input 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: none present Acres: N/A	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source: Design plans, officials with jurisdiction letters; http://www.dcr.virginia.gov/recreational-planning/lwcf		
Comment: The project proposes to place a stormwater management feature at the Centerville Park. The public notice on the potential de minimis finding was advertised in the Virginian Pilot from November 17, 2019 to November 27, 2019 (10-day comment period). No public comments were received regarding the de minimis finding.		
The City of Virginia Beach received a letter from the Director of the Parks and Recreation Department (dated July 25, 2019) agreeing that the project (after considering the avoidance, minimization, and enhancement measures) would not adversely affect the activities, features, or attributes that make Centerville Park eligible for protection under Section 4(f) (Attachment B: Section 4(f)). The FHWA intends to make a de minimis finding under Section 4(f) (23 CFR 774.3(b)) for the Centerville Park.		

*Note that a Constructive Use and a Temporary Non 4(f) Use do not apply with a De Minimis finding.

CULTURAL RESOURCES	COMPLETE	N/A
Source: Architectural Report, SHPO Consultation		
"No Effect" Pursuant to 1999 DHR Agreement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Phase I Architecture Conducted	<input checked="" type="checkbox"/>	<input 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 historic properties affected (36 CFR 800.4(d)(1))		
DHR Concurrence on Effect: Yes <input checked="" type="checkbox"/> Date: 6/18/18 & 1/23/19		
MOA Attached: Yes <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Execution Date: / /		
Comments: See Attachment C: Cultural Resources for SHPO and consulting parties' consultation letters.		

NATURAL RESOURCES	PRESENT		IMPACTS	
	YES	NO	YES	NO
Surface Water (Name: Unnamed tributary to Stumpy Lake, a tributary to the North Landing River)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes,	55 linear feet.
Source: Study area wetland and waters delineation				
Federal Threatened or Endangered Species: Terrestrial: Bat, Northern Long-Eared Federally Threatened Aquatic: None Plants: None	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Sources: State species reviewed on Virginia Fish and Wildlife Information Service (VaFWIS) database and the Natural Heritage Database Explorer (NHDE). Federally listed threatened or endangered species reviewed on U.S. Fish and Wildlife Service (USFWS) Information Planning and Consultation (IPaC) database (https://ecos.fws.gov/ipac/). VaFWIS, NHDE, and IPaC database search results retrieved in August 2019.				
Comments: VaFWIS listed the potential presence of federal and state T&E species. Measures will be taken to minimize impacts to potential habitats for these species within the project area. The project was further coordinated through the USFWS IPaC system to determine if the project was consistent with the 4(d) rules for Northern Long-Eared Bat (NLEB). The coordination indicated the project is consistent and no further coordination is required for the NLEB. A project Self-Certification Letter was obtained from the USFWS on September 25, 2019 for the project (Attachment D).				
100 Year Floodplain: If "Yes" then identify the regulatory floodway zone:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source: National Flood Hazard Layer from the Federal Emergency Management Agency GeoPlatform (https://fema.maps.arcgis.com/home/index.html).				
Tidal Waters/Wetlands: 0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acres none	
Wetlands: In-field delineated. U.S. Army Corps of Engineers (USACE) Preliminary Jurisdictional Determination secured on June 8, 2019 (see Attachment D).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergent 0.282 Acres Scrub/shrub 0.04 Acres Forested 0.003 acres	
Source: Waters of the US (Including Wetlands) Delineation Letter, and Report, Preliminary Jurisdictional Determination from the USACE (June 8, 2018) (see Attachment D), and design plans.				
Permits Required: USACE state programmatic general permit (SPGP) and Virginia Department of Environmental Quality (VDEQ) Virginia Water Protection Permit (VWPP) WP3 water quality permits anticipated for the project			<input checked="" type="checkbox"/>	<input type="checkbox"/>
Compensatory Mitigation Required:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
Source: Delineation Letter and Report, Preliminary Jurisdictional Determination and project design				
Comments: The permits and project design will evaluate avoidance and minimization measures and provide compensatory mitigation for unavoidable impacts to wetlands and streams.				
AGRICULTURAL/OPEN SPACE	PRESENT		IMPACTS	
	YES	NO	YES	NO
Open Space Easements: none	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source: Open space easements identified using the Virginia Conservation Lands Database (<http://www.dcr.virginia.gov/natural-heritage/clinfo#use>) maintained by the Virginia Department of Conservation and Recreation, local zoning maps, the Virginia Beach Outdoors Plan (<https://www.vbgov.com/government/departments/parks-recreation/design-development-projects/pages/outdoors-plan.aspx>) and the Virginia Outdoors Foundation conservation land database (<http://vof.maps.arcgis.com/home/index.html>).

Agricultural/Forestal Districts: none

Source: Agricultural and forestal districts identified using the Department of Forestry's GIS data at <http://www.dof.virginia.gov/gis/dwnload/index.htm>.

Comments: No open space easements or agricultural/forestal districts are in the study 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 type="checkbox"/>	<input checked="" type="checkbox"/>
NRCS did not respond within 45 days:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
NRCS Determined no prime or unique farmland in the project area.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source: Soils data was acquired using the Natural Resources Conservation Service Web Soil Survey to identify prime, unique, or important farmland soils in the study area (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx). Zoning data was acquired from Virginia Beach at http://gis.data.vbgov.com/datasets?q=Zoning&sort_by=relevance_3 and Chesapeake at http://public-chesva.opendata.arcgis.com/datasets?q=zoning&sort_by=relevance		
Comment: All land use is urban and no land in the study area is zoned by the City of Virginia Beach as agricultural. Agricultural land is zoned in the Chesapeake portion of the study area; however, all land is in urban use. Agricultural zoned land in the study area has been developed with the Resurrection United Methodist Church, a stormwater management facility, and a house on a suburban lot.		

INVASIVE SPECIES	Present		
	YES	NO	UNKNOWN
Invasive Species in the project area:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments: 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).			
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 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.			

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 (PM2.5)	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 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. <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: Air Quality Assessment Technical Report	
Comments The project is currently included in the HRTPO FY 2018 – 2021 TIP (UPC # 109381) and the HRTPO 2040 LRTP as ID# 20140-152. Per the TIP, the project is considered to be regionally significant for air quality. Transportation conformity on the 2040 LRTP and the FY 2018 – 2021 TIP established in the August 30, 2018 Hampton Roads, Virginia Eight-Hour Ozone Maintenance Area Regional Conformity Analysis 2040 Long Range Transportation Plan and FY 18-21 Transportation Improvement Program at https://www.hrtpo.org/library/view/359/hampton-roads,-virginia-eight-hour-ozone-maintenance-area-regional-conformity-analysis-2040-long-range-transportation-plan-and-fy-18-21-transportation-improvement-program/ .	

NOISE	YES	NO
Type I Project:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Source: Noise Analysis Technical Report		
Noise Analysis Attached:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Barriers Under Consideration:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Source: Design drawings and Noise Technical Report		
Comments: Potential noise barriers were determined to be feasible and reasonable at CNEs 01, 02, 03, 05, 06, 08, 09, and 11. Noise barriers shown to be feasible and reasonable in the preliminary design may not be feasible and reasonable in final design. All noise barriers would be further evaluated in final design to determine any engineering constraints associated with constructing the noise barrier.		

RIGHT OF WAY AND RELOCATIONS	YES	NO
Residential Relocations: If "Yes", number: 1 single family residence equating 1 housing unit. Resident notified of project for property access. Location and Design Hearing planned.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Source: Consultant Design/Survey		
Commercial Relocations: 0 If "Yes", number:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source: Consultant Design/Survey		
Non-profit Relocations: 0 If "Yes", number:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source: Consultant Design/Survey		
Right of Way required: If "Yes", acreage amount: Permanent: 2.1 ac; Permanent Easement: 1.0 ac; Temporary Easement: 1.7 ac, not including SWM basins or utility relocations	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Source: Consultant Design/Survey		

	PRESENT		IMPACTS	
	YES	NO	YES	NO
Septic Systems or Public Water Supplies:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source: City of Virginia Beach property records, utility plans, survey				
Hazardous Materials:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Source: Hazardous Materials Technical Report				
Comments: Four properties were identified with moderate hazardous materials contaminant risk, and 13 properties considered low/negligible risk. Specific impacts are unknown at this time. Additional Phase 2 investigations are recommended in advanced design. Specifications for removal of any hazardous materials encountered during construction would be included in the Project Manual and disposed of in accordance with state and federal regulations.				

CUMULATIVE AND INDIRECT IMPACTS	Present		
	YES	NO	N/A
Present or reasonably foreseeable future projects (highway and non-highway) in the area:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Impact same resources as the proposed highway project (i.e. cumulative impacts):	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Indirect (Secondary) impacts:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Source: HRTPO FY 2018-2021 TIP; HRTPO 2040 LRTP, Virginia Beach Master Transportation Plan (2016), City of Virginia Beach Centerville Strategic Growth Area Master Plan (2013).			

Comments: Using avoidance, minimization, and mitigation measures developed during permitting and in consultation with federal, state and local agencies, indirect impacts of the project to water quality, wetlands, streams and wildlife from earth disturbance, instream disturbance, and increased impermeable surfaces would be reduced to a minor level. The incremental cumulative impacts of the project would therefore also be minor.

PUBLIC INVOLVEMENT	YES	NO
Substantial Controversy on Environmental Grounds:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Source: City of Virginia Beach		
Public Hearing: If "Yes", type of hearing: Location and Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other Public Involvement Activities: Consulting parties' consultation for historic resources under Section 106. If "Yes", type of Involvement:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Source: City of Virginia Beach, consultant design team		
Comments: The City of Virginia Beach plans to hold a Location and Design Public Hearing.		

COORDINATION

The following agencies were contacted during development of this study:

Federal Agencies

- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service

State Agencies

- Virginia Department of Historic Resources

City of Virginia Beach Departments

- Public Works
- Parks and Recreation
- Superintendent of Schools
- Planning & Community Development/Historic Preservation Commission

City of Chesapeake Departments

- Planning Department/Historic Preservation Commission

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.

Centerville Turnpike III PWCN-17-0018, UPC 109381 Environmental Study Area, Kempsville, VA
7.5' USGS Quad

