

## Categorical Exclusion (CE)

Project Information			
<b>Project Name:</b>	Route 61 Bridge Replacement, Town of Narrows	<b>Federal Project#:</b>	BR-0352(016)
<b>Project Number:</b>	0061-266-101, P101	<b>Project Type:</b>	Construction
<b>UPC:</b>	76679	<b>Charge Number:</b>	76679
<b>Route Number:</b>	61	<b>Route Type:</b>	Urban
<b>Project Limit--From:</b>	FLESHMAN STREET	<b>To:</b>	DEPOT STREET
<b>Additional Project Description:</b>	Replacement of the Route 61 bridge spanning both the New River and Route 460 in the Town of Narrows. Construction limits will extend from Fleshman Street to Depot Street near the Norfolk Southern Railroad underpass. Improvements will also be made to the immediate approaches and to the tie-ins with Fleshman Street. Right of way acquisition and construction will be completed under state project 0061-266-119, R201, C501, B603 (UPC # 93413) and federal project ARRA-FS09(054).		
<b>District:</b>	<b>City/County:</b>	<b>Residency:</b>	
Salem	Narrows	Christiansburg	

**Date CE level document approved by VA Division FHWA:** 06/15/2009

**FHWA Contact:** Lopez-Cruz, Marisel

**Project in STIP:** Yes                      **In Long Range Plan?** N/A-Outside MPO Area

**CE Category 23 CFR 771.117:** d03

**Description of Category:** Bridge rehabilitation, reconstruction or replacement or the construction of grade separation to replace existing at-grade railroad crossings.

**Logical Termini and Independent Utility:** Yes

**Comments:** The alignment of the replacement bridge will be immediately downstream (northwest) of the existing bridge. The design and construction of the replacement bridge and the demolition of the existing bridge will be contracted under VDOT's Design-Build Program.

**Typical Section:** Specific design details of the replacement bridge (overall bridge width, lane widths, railings, curbs, sidewalks, lighting and bicycle accommodations) will be determined during the advancement of project design by the selected Design-Build Contractor.

**Structures:** The existing bridge (Virginia Structure # 1037) is a 15-span, steel beam, concrete deck structure with concrete piers and abutments. The bridge has a length of 1267 feet and an overall width of 34 feet, supporting a 26-foot roadway with 4-foot sidewalks on each side. The 2009 Bridge Inspection Report concludes that the bridge sufficiency rating is only 9.8.

### SOCIO-ECONOMIC

**Minority/Low Income Populations:** Not Present                      **Disproportionate Impacts to Minority/Low Income Populations:** No

**Source:** Salem District Right of Way Section

**Existing or Planned Public Recreational Facilities:** Not Present

**Community Services:** Present with no impact

**Consistent with Local Land Use:** Yes

**Source:** Narrows Town Manager; New River Valley PDC

**Existing or Planned Bicycle/Pedestrian Facilities:** Present with no impact

**Source:** Narrows Town Manager; New River Valley PDC

**Socio-Economic Comments:** None

SECTION 4(f) and SECTION 6(f)

Use of 4(f) Property: No

Source: Salem District NEPA Document & Cultural Resources staff

6(f) Conversion: No Acres of Conversion:

4(f) and 6(f) Comments: None

CULTURAL RESOURCES

Section 106 Effect Determination: NO EFFECT

Name of Historic Property: None

DHR Concurrence date: 09/28/2009

MOA Execution Date: None

Cultural Resource Comments: None

NATURAL RESOURCES

Waters of the U.S.: Present with impacts

Linear Feet of Impact: 0

Federal Threatened or Endangered Species:

Peter's Mountain Mallow (Iliamna corei)-Federal:FE-Present with no impact

Based upon a review of the DGIF database search and DCR Natural Heritage Conservation Site Maps for the project area, Threatened or Endangered species collections/records are within the required search distance for the project.

✓ 10/05/2009 E Virts

The project is Geographically Isolated from any records of Threatened or Endangered species.

✓

100 Year Floodplain: Present with impacts

Regulatory Floodway Zone: Present with impacts

Zone Code: A

Public Water Supplies: Not Present

Tidal Waters/Wetlands: Not Present

Wetlands: Not Present

Wetlands: Acres of Impact:

Wetland Type:

Permits Required: Yes

Natural Resource Comments: Linear Feet of Impact is unknown at this time; this impact will be determined by the Design/Build Contractor. Impacts to the 100 year Floodplain and Regulatory Floodway Zone are identified due to placement of the new structure and its component units within the floodplain/floodway zone. No increases in the base flood elevations are anticipated to result from construction of the new structure. It will be necessary to complete the Conditional Letter of Map Revision (CLOMR) and the Letter of Map Revision (LOMR) process so that the floodway model accurately reflects the changes resulting from this project --- i.e., removal of the existing structure and the placement of the new structure and its component units within the floodplain/floodway zone.

AGRICULTURAL/OPEN SPACE

Open Space Easements: Not Present

Agricultural/Forestal Districts: Not Present

Source: Virginia Outdoors Foundation; Montgomery County Administrator

Agricultural/Open Space Comments: None

FARMLAND

NRCS Form CPA-106 Attached? No

NRCS Form CPA-106 not attached because:

Land already in Urban use.

Entire project in area not zoned agriculture.

Alternatives Analysis Required? No

Source: Natural Resources Conservation Service

Farmland Comments: None

## INVASIVE SPECIES

**Invasive Species in the project area?** Unknown

**VDCR indicated that the potential exists for some VDOT projects to further the establishment of invasive species. All seeds used will be tested in accordance with the Virginia Seed Law to ensure there are not prohibited Noxious Weed-Seeds in the seed mixes.**

**Invasive Species Comments:** None

## AIR QUALITY

### Carbon Monoxide

This project is located in: A Carbon Monoxide Attainment Area

CO Microscale Analysis Required for NEPA? No

✓ This project qualifies for a Programmatic Categorical Exclusion or has been identified as being exempt from a CO air quality analysis per the Transportation Conformity Rule (40 CFR Part 93), and therefore does not require a project-level CO air quality analysis per VDOT's Project-Level Carbon Monoxide Air Quality Studies Agreement with FHWA dated February 27, 2009.

Exempt per 40 CFR 93.126, Table 2 - Safety - Widening narrow pavements or reconstructing bridges (no additional travel lanes). Number of lanes unchanged per the Project Early Notification (Definition) form dated 10/7/08 on CEDAR.

### Ozone

This project is located in: An 8-hour Ozone Attainment Area

### Particulate Matter

This project is located in: A PM2.5 Attainment Area

PM Hotspot Analysis Required for NEPA? No

A PM2.5 hot-spot analysis is not required for this project since it is not an air quality concern. The Clean Air Act and 40 CFR 93.116 requirements were met without a hot-spot analysis, since this project has been found not to be of air quality concern under 40 CFR 93.123(b)(1).

### Mobile Source Air Toxics

This project requires: No further discussion of MSAT

✓ The project qualifies for a categorical exclusion under 23 CFR 771.117 (c) or is exempt under 40 CFR 93.126.

Exempt as noted above.

DEQ SERP Comments (June 2007): This project lies in an area that is currently in attainment with all of the National Ambient Air Quality Standards (NAAQS). The following DEQ air pollution regulations must be adhered to during the construction of this project: 9 VAC 5-50-60 et seq., Fugitive Dust precautions; and 9 VAC 5-40-5600 et seq., Open Burning precautions.

## NOISE

**Noise Scoping Decision:** Not Type I

**Barriers Under Consideration?** No

**Noise Comments:** None

## RIGHT OF WAY AND RELOCATIONS

**Residential Relocations:** Yes      **Number of Residential Relocations:** 1

**Commercial Relocations:** Yes      **Number of Commercial Relocations:** 1

**Non-Profit Relocations:** No

**Right of Way required?** Yes      **Amount of Right of Way Acreage:** 4

**Septic Systems or Wells:** Not Present      **Hazardous Materials:** Not Present

**Source:** Salem District Right of Way staff; Salem District Hazardous Materials staff

**ROW and Relocations Comments:** The proposed minimum right of way width for this project is 100 feet. Right of way will also be variably increased as dictated by both design and adjacent topography; acreage figures are preliminary and will be refined after the advancement of design by the selected Design-Build Contractor. Phase I and Phase II Environmental Site Assessments have concluded that hazardous material concerns are not present within the area of project effect.

## CUMULATIVE AND INDIRECT IMPACTS

**Present or reasonably foreseeable future projects (highway and non-highway) in the area:** No

**Impact same resources as the proposed highway project (i.e. cumulative impacts):** N/A

**Indirect (Secondary) impacts:** No

**Source:** Salem District Location & Design Section

**Cumulative and Indirect Impacts Comments:** None

## PUBLIC INVOLVEMENT

**Substantial Controversy on Environmental Grounds:** No

**Source:** Narrows Town Manager; New River Valley PDC

**Public Hearing:** Yes **Type of Hearing:** Combined Hearing

**Other Public Involvement Activities:** Yes

**Type of Public Involvement:** Citizen Information Meeting

**Public Involvement Comments:** A CIM was held on July 16, 2009, where VDOT presented two design options: construction of the bridge on the existing alignment; and construction of a replacement bridge on an alignment immediately downstream of the existing bridge. Twenty-seven (27) citizens made written or oral comments, with twenty-one (21) citizens in favor of the replacement option on the downstream alignment. Four (4) citizens had no preference, one (1) citizen preferred the construction option on the existing alignment and one (1) citizen preferred replacement of the bridge on an upstream alignment. A formal Combined Location & Design Public Hearing is currently scheduled for the Fall of 2009.

## COORDINATION

### State Agencies:

DEQ - Air Division  
DEQ - Waste Division  
DEQ - Water Division  
Department of Conservation and Recreation  
Department of Forestry  
Department of Game and Inland Fisheries  
Department of Health  
Department of Historic Resources  
Dept. of Mines, Minerals and Energy  
VA Marine Resources Commission  
Virginia Outdoors Foundation

### Federal Agencies:

NRCS  
U.S. Army Corps of Engineers  
U.S. Fish and Wildlife Service  
Federal Emergency Management Agency

### Local Entity:

Narrows Mayor  
Narrows Planning District  
Narrows Superintendent of Schools  
Narrows County Administrator  
Narrows County Health Department  
Narrows Town/City Manager  
Narrows County/City Planner

### Other Coordination Entities:

**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.**