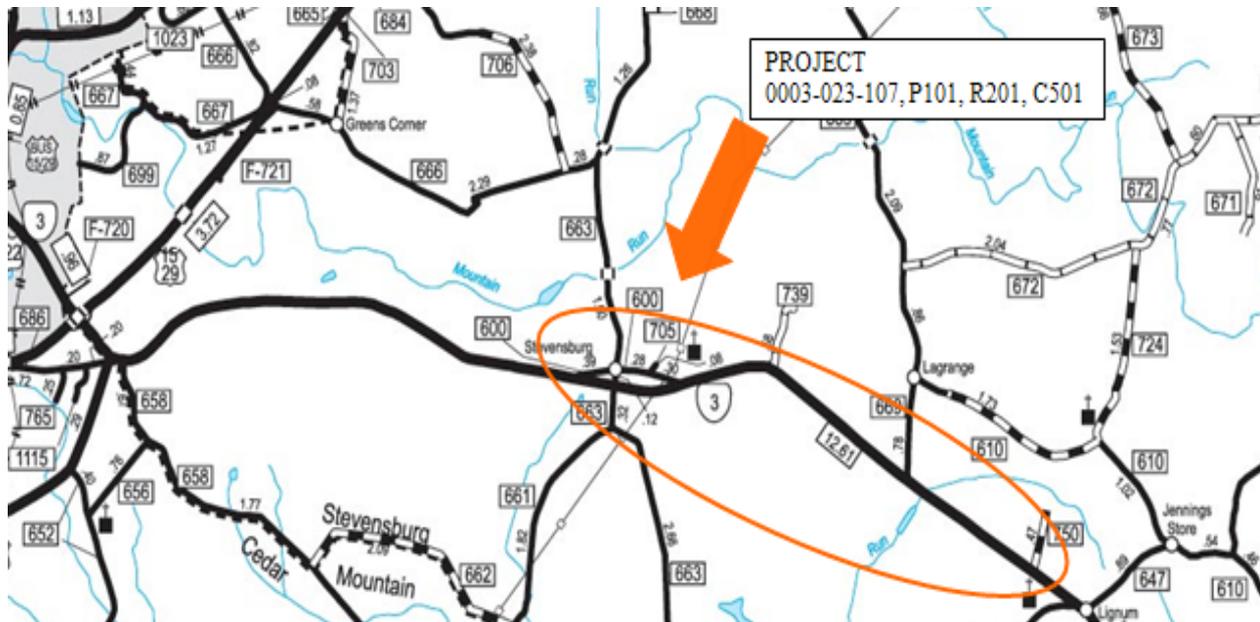


# Route 3 Widening Project Culpeper County



# Overview

Design and construct a 5.1-mile section of Rte. 3 in Culpeper County from Stevensburg to Lignum. Widen Rte. 3 from a two-lane undivided highway to a four-lane divided highway, completing a four-lane highway between Culpeper and Fredericksburg. The project begins 4.1 miles east of Rte. 29 to 3.8 miles west of the Culpeper/Orange County Line.



# Timeline

- Contract Awarded Oct. 2013
- Notice to Proceed Nov. 2013
- Construction Start April 2015
- Interim Milestone All Lanes Open Late  
Nov. 2016
- Completion May 2017

# Status

- Right of way plans approved; acquisition in progress
- Roadway design nearing completion
- Utility Relocations
  - 9 total utilities on project
  - Entire project
  - Design in process
  - Williams Gas Encasement complete
  - Dominion Transmission complete

# Right of Way/Utilities

## Right of way acquisition

- VDOT relocating 3 residences
- Branch to acquire balance of right of way – 63 parcels

## Utility relocations

- Williams Gas/Transco - 3 major gas lines crossing at Carrico Mills Road
- Multiple fiber optic cables
- Dominion Power/Transmission
- Verizon/Century Link, Qwest

# Design Challenges

## Design

- Coordination of utility relocation
- Right of way parcel acquisition (63)
- Maintenance of traffic design
  - Traffic control during construction
  - Reduced speed limits
- NEPA/USACE federal environmental permit requirements
- Flat terrain makes drainage difficult

# Historical Concerns

## Historic areas

- Salubria
- Morton's Ford Battlefield
- Mount Pony Rural Historic District
- Brandy Station Battlefield Historic District
- Virginia Outdoors Foundation
- Virginia Board of Historic Resources

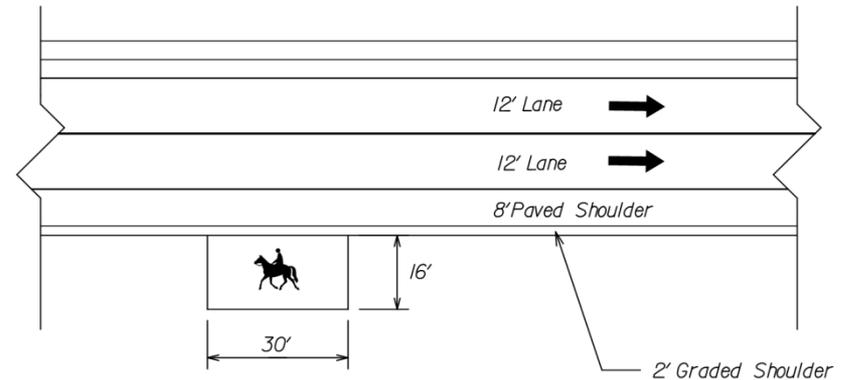
## Historical property challenges

- Permitting and design per agreements
- Construction coordination with easement holders

# Safety Features

## Safety improvements through Stevensburg

- Reduce permanent speed limits to 45 mph
- Alternate lane striping to reduce speeds
- “Dynamic speed signs”
- Raised median
- Equine refuges



# Construction Details

## Tight construction schedule

- Utility relocations – April-Aug. 2015
- Large culvert crossing – May-Aug. 2015
- New pavement – Dec. 2015
- Traffic using new pavement – Feb. 2016

## Maintenance of traffic

- Limited lane closures: 7 pm-4:30 am and  
9 am-3 pm

# Construction Details

The project has been split into three major maintenance of traffic phases:

- Phase 1 (April 2015 – Jan. 2016)
  - Construct the new two-lane alignment outside of the existing roadway.
  - Move existing traffic to the new two-lane alignment.
- Phase 2 (Feb. 2016 – Nov. 2016)
  - Re-construct the existing Route 3 lanes to the proposed design.
  - Move traffic to the final four-lane configuration.
- Phase 3 (Dec. 2016 – May 2017)
  - Move traffic to outside lanes.
  - Finish work on median and inside travel lanes including final surface asphalt and pavement markings.
  - Move traffic to inside lanes.
  - Finish work on outside lanes and shoulders including final surface asphalt and pavement markings.

# More Information

[www.virginiadot.org/projects/culpeper/route\\_3.asp](http://www.virginiadot.org/projects/culpeper/route_3.asp)

Stacy Londrey

VDOT Communications Manager

(540) 727-3201

[Stacy.Londrey@vdot.virginia.gov](mailto:Stacy.Londrey@vdot.virginia.gov)