



Robert O. Norris Bridge Painting Project

September 28, 2016

Robert Ridgell, P.E.

Fredericksburg District

Area Construction Engineer

Robert O. Norris Bridge Fast Facts

- Built in 1957
- Nearly 2 miles long
- 23 feet wide, curb to curb
- Vertical clearance of 110 feet
- Carries nearly 9,000 vehicles a day
- Inspected once a year
- Rating of fair – a “5” on a 0-9 scale used nationally
- 45 ton weight restriction



Route 3 over the Rappahannock River

Functionally Obsolete vs. Structurally Deficient

Being functionally obsolete is not related to condition

A functionally obsolete bridge may not have the geometric requirements we use today for:

- Lane widths
- Shoulder widths
- Vertical clearance

Due to its geometrics, Norris Bridge is considered “functionally obsolete”



Functionally Obsolete vs. Structurally Deficient

Norris Bridge is *not* a structurally deficient bridge.

A “structurally deficient” bridge has a deck, superstructure or substructure rating of 4 or below on a 0-9 scale.

Structurally deficient means a bridge may need repairs or maintenance.

In Virginia, these bridges qualify for State of Good Repair maintenance funds to make necessary repairs.

What will this maintenance project do?

- **Completes overall repainting of structure**
- **Cleaning and painting protects steel and prevents deterioration and corrosion**
- **Center spans will be painted an identical blue**



Project Fast Facts

- **M&J Painting Company, Inc.**
- **\$8.8 million contract**
- **335,000 sq. ft. of steel to be painted**
- **Contractor plans to mobilize October – December 2016 to install painting platforms**
- **Painting scheduled for January 2017 – January 2018**
- **Contractor given financial incentive to finish ahead of schedule**
- **Spot structural steel repairs, annual inspection scheduled to occur concurrently within this work zone**



How will construction affect me?

October – December 2016

- Intermittent lane closures as needed
- Mondays – Fridays
- 9 a.m. – 3 p.m.

January 2017 – January 2018

- Temporary traffic signals will control traffic on each side of bridge's center truss
- 24 hours a day, 7 days a week
- Emergency services can control signal

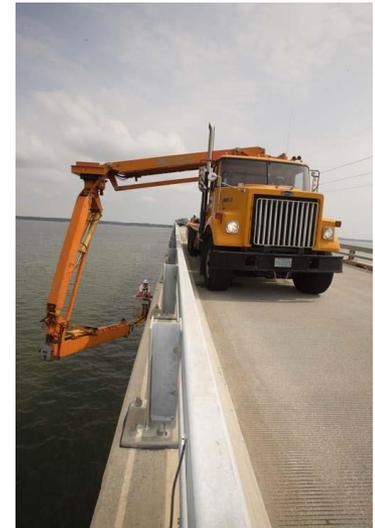
How will construction affect me?

Additional Norris Bridge Work

- Annual bridge inspections will occur in October 2016 and October 2017
- Each inspection requires single lane closures with flagging for approximately three weeks

Structural Steel Repairs

- Estimated 20 nights of work in 2017
- Temporary signals will be turned off temporarily, and flagging crew or automatic flagging stations will direct traffic



Environmental Considerations

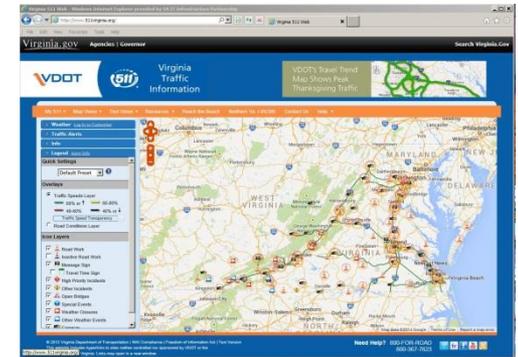


- **100 percent containment system for cleaning and painting activities**
- **Peregrine falcon activity will be monitored**

How can I stay informed during the project?

511Virginia

- Call 511
- Visit www.511virginia.org
- Download free mobile 511Virginia app for iPhone, Android devices
- Sign up tonight to receive news and traffic alerts to your email address
- Visit project page at www.VirginiaDOT.org



Who can I contact with questions?

Robert Ridgell, P.E.

Area Construction Engineer and Project Manager

(540) 372-3549 Office

(540) 903-8692 Cell

Robert.Ridgell@VDOT.Virginia.Gov

Kelly Hannon

VDOT Communications Manager

(540) 374-3344 Office

(540) 656-0321 Cell

Kelly.Hannon@VDOT.Virginia.Gov

1-800-FOR-ROAD

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Thank you!

