



Pardon Our Dust Meeting

Lucks Lane Road Widening Project (Route 288 to Spirea Road)

Thursday, January 18, 2018, 5:00 to 7:00 P.M.
North Courthouse Road Library
325 Courthouse Road
Richmond, VA 23236

Lucks Lane Widening Project

The purpose of this meeting is to update residents, the community, and the commuting public on construction plans including the preliminary schedule, traffic impacts, and construction activities. This meeting provides an opportunity for you to review project exhibits and ask questions and to meet representatives of the county, the contractor, and the county's consultant team.

In November 2017, Chesterfield County signed a construction contract with Fielder's Choice

Enterprises, Inc. to construct improvements to Lucks Lane (Route 720) from east of Route 288 to east of Spirea Road (Route 2780). The improvements include widening the existing two-lane undivided roadway into a four-lane divided roadway and will include bicycle and pedestrian accommodations throughout the corridor. Construction is anticipated to take 2 years to complete and traffic will be adjusted, shifted, or rerouted multiple times throughout the project.

Project Overview



Existing Conditions—Looking West at Gladstone Glen Place



Existing Conditions—Looking West at Water Willow/Walton Bluff Pkwy

Construction Cost: \$12,439,865

Purpose: Widen Lucks Lane from two lanes undivided to four lanes divided

From: 0.06 miles east of Spirea Rd

To: 0.31 miles east of Rte. 288

Total Length: 6,640 linear feet
(1.26 miles)

Traffic Data:

13,500 vehicles per day (2014)

21,700 vehicles per day (2038)

Project Description

The Lucks Lane Widening Project involves the construction of approximately 6,640 linear feet of roadway widening on Lucks Lane (from approximately 0.31 miles east of Route 288 to approximately 0.06 miles east of Spirea Road). The project consists of widening the existing two-lane undivided roadway to a four-lane divided roadway with bicycle and pedestrian accommodations with right and left turn lanes in certain areas. The project includes the extension of an existing 12' x 10' quadruple box culvert at Falling Creek, a 412-linear foot retaining wall east of Falling Creek, and 512-linear feet retaining wall west of Walton Bluff Parkway. The project also includes construction of a traffic signal at the intersection of Walton Bluff Parkway/Water Willow Drive and Lucks Lane. The work shall include clearing, grading, asphalt paving, drainage structures and piping, box culvert extension, retaining walls, erosion & sediment control, maintenance of traffic, traffic signal, signage, pavement markings, parcel clearing and demolition, relocation of existing water lines and other items necessary for the completion.



Existing Conditions—Section at Falling Creek



Future Condition—Section at Falling Creek

Project Graphic



Anticipated Maintenance of Traffic/ Sequence of Construction Summary

The Lucks Lane Widening Project was designed to be constructed in stages so the project can be constructed while maintaining two-way traffic (one lane eastbound and one lane westbound) and minimizing traffic impacts. Work that will require travel lane reduction to one lane on Lucks Lane is limited to the hours of 9:30 A.M. to 2:30 P.M. daily. The contractor is required to maintain access to private property along the corridor at all times.

The below summary of the anticipated Maintenance of Traffic/Sequence of Construction and anticipated schedule for each stage is preliminary and subject to change as construction schedules are highly dependent upon weather. Please follow Chesterfield County on your favorite social media platform to stay up to date on the schedule and traffic impacts.

The project is currently planned to be constructed in five stages, which are generally described below:

Stage 1: Beginning December 2017

- Construct future eastbound lanes from Braidsen Rd. to the electric transmission tower

- Construct temporary pavement on westbound approach to Walton Bluff Pkwy. and remove existing median along Walton Bluff Pkwy.
- Relocate existing waterline from E. Evergreen Pkwy. to Gladstone Glen Pl.
- Extend existing Falling Creek box culvert
- One lane maintained in each direction on Lucks Ln.; except from 9:30 AM to 2:30 PM Mon. – Sat. when alternating lane closures will occur.
- One maintained in each direction on Walton Bluff Pkwy.

Stage 2: Beginning Summer 2018

- Construct the future westbound lanes from Braidsen Rd. to Spirea Rd.
- Reconstruct northbound lanes on Walton Bluff Pkwy.
- Construct retaining wall from west of Falling Creek to Gladstone Glen Pl.
- Reconstruct connections to Gladstone Glen Pl., Amber Forest Dr., and Spirea Rd. southbound right turn lane.
- One lane maintained in each direction on Lucks Ln.
- One maintained in each direction on Walton Bluff Pkwy.

Stage 3: Beginning Winter 2018

- Construct shared use path in front of QueensBluff subdivision
- Construct the future eastbound lanes from electric transmission tower to Spirea Road.
- Construct the future southbound lanes of Walton Bluff Parkway.

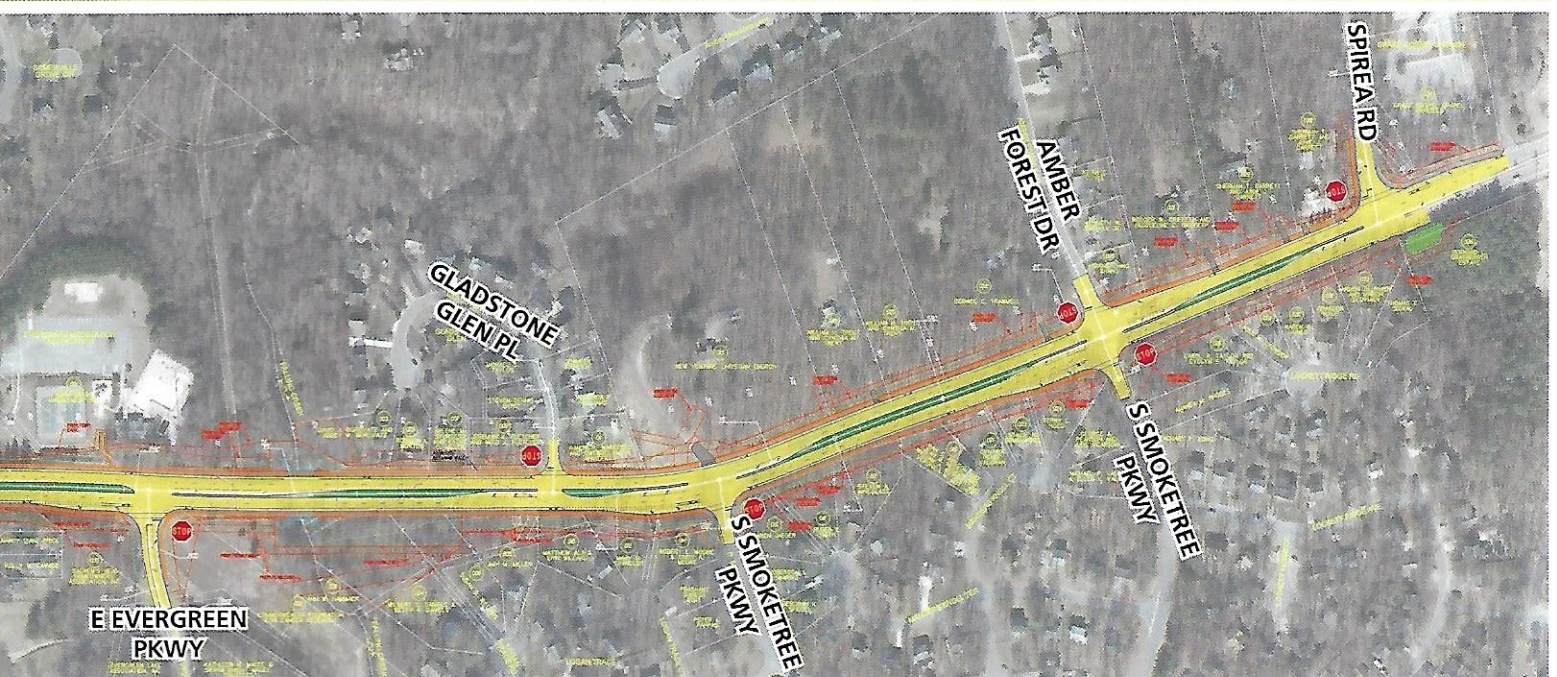
- Construct southbound lanes of Walton Bluff Pkwy. and traffic signal at intersection of Lucks Lane with Walton Bluff Pkwy. and Water Willow Dr.
- Construct and direct traffic temporary E. Evergreen Pkwy.
- Reconstruct E. Evergreen Pkwy.
- Reconstruction connections to Water Willow Drive and both connections to S. Smoketree Parkway.
- Three (3) day closure with detour of western S. Smoketree Parkway intersection with Lucks Lane.
- One lane maintained in each direction on Lucks Ln.
- One maintained in each direction on Walton Bluff Pkwy.

Stage 4: Beginning Spring 2019

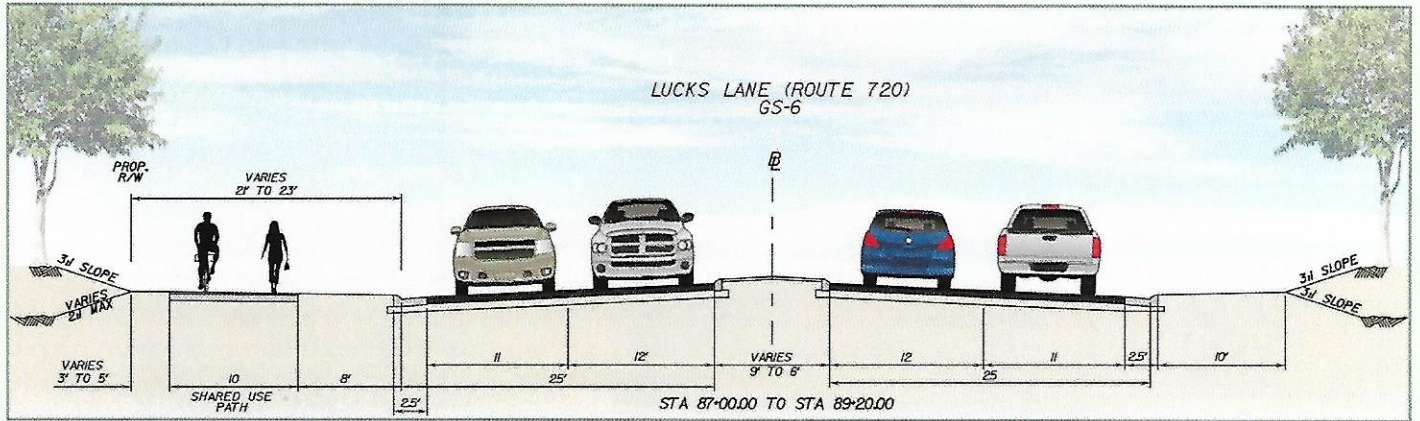
- Traffic signal at intersection of Lucks Ln. with Walton Bluff Pkwy. and Water Will Dr. operational
- Construct median of Lucks Lane from Braidsen Rd. to E. Evergreen Pkwy.
- Construct median of Lucks Lane from S. Smoketree Pkwy. to Spirea Rd.
- One lane maintained in each direction on Lucks Ln.
- One maintained in each direction on Walton Bluff Pkwy.

Stage 5: Beginning Fall 2019

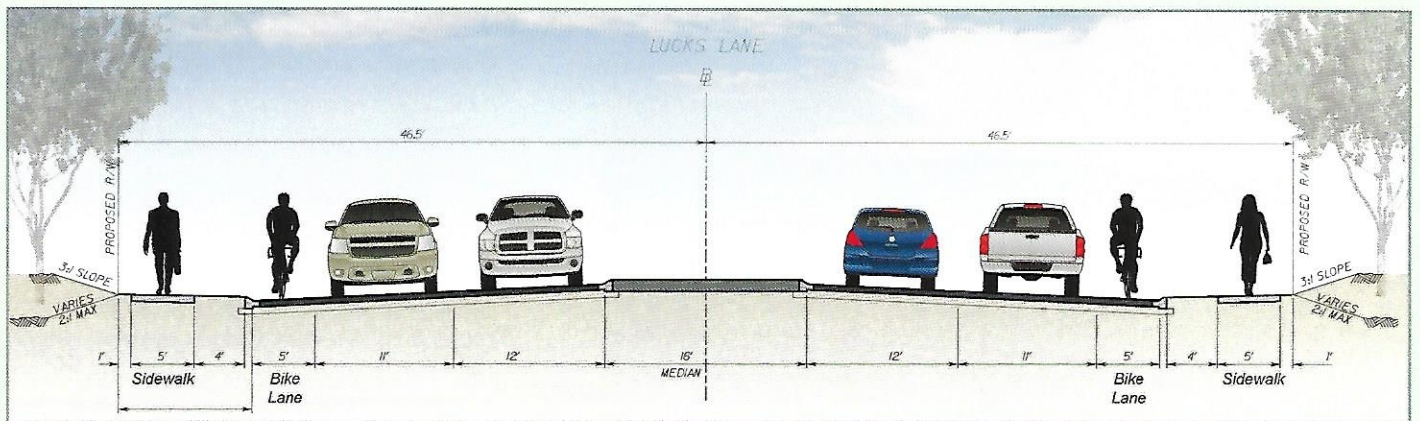
- One lane maintained in each direction on Lucks Ln.
- Construct final paving, signing and striping
- Expect night-time paving and striping operations.



Future Cross Sections



West of Intersection with Walton Bluff Parkway – Looking East Towards Courthouse Road



East of Intersection with Walton Bluff Parkway – Looking East Towards Courthouse Road

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