



# COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION  
2430 Pine Forest Drive  
Colonial Heights, VA 23834

Charles A. Kilpatrick, P.E.  
Commissioner

September 22, 2016

## MEMORANDUM

### REQUEST FOR DESIGN PUBLIC HEARING APPROVAL (Tier 1 Project)

**TO:** Jason Williams  
Location & Design Engineer  
Richmond District

Mark Riblett  
Project Development Engineer  
Richmond District

**FROM:** Michele Piccolomini  
Locally Administered Projects  
Richmond District

**SUBJECT:** Project #: 0010-020-R44, P101, R201, C501  
Federal Project #: RSTP-5A27(176)  
UPC: 102952  
County: Chesterfield

#### Overview

In accordance with the statutes of the Commonwealth of Virginia and policies of the Commonwealth Transportation Board, a **Design Public Hearing** was held for the above mentioned project on December 15, 2015, between 5:00 p.m. and 7:00 p.m. at Thomas Dale High School located in Chesterfield County, Virginia.

Route 10 (W. Hundred Road) from U.S. Route 1/301 (Jefferson Davis Highway) to Interstate 95 is currently a four-lane divided roadway with a posted speed limit of 35 MPH. Route 10 is oriented in an east-west direction and is classified as an urban other principal arterial according to the 2014 Virginia Department of Transportation (VDOT) Virginia Highway Functional Classification map for Chesterfield County. The cross section of Route 10 includes a concrete median between U.S. Route 1/301 (Jefferson Davis Highway) and the Redwater Creek Road/Exxon Driveway and a grass median between the Redwater Creek Road/Exxon Driveway and the I-95 interchange ramps. The existing road section is a mixture of paved shoulder, gravel shoulder, curb, curb and gutter, and roadside ditch. The purpose and need of the proposed project is to improve traffic operations and safety within the project corridor. Traffic operations

will be improved with additional roadway capacity and the implementation of access management techniques. Safety will be improved by eliminating several crossovers thereby reducing the number of conflict points for potential crashes.

**Project History**

Route 10 is an urban principal arterial which connects Chester to I-95 from the west and connects to residential, industrial and commercial development to I-95 from the east. Route 10 between I-95 and U.S. Route 1/301 currently serves approximately 37,000 vehicles per day. This section of Route 10 includes multiple entrances to private businesses and four full-access crossovers. The multiple access points create conflict points and traffic congestion issues. In fact, this segment of Route 10 has a crash rate that is 200% higher than the statewide average crash rate for four-lane divided roadways with no control of access.

In response to these traffic congestion and traffic safety concerns, and in keeping with the County’s thoroughfare plan component of the Comprehensive Plan, Chesterfield County has long planned to widen Route 10 and improve both traffic safety and congestion issues within the corridor. The proposed improvements total approximately 2,450 feet (0.4 mile) and generally involve the widening of Route 10 (W. Hundred Road) from four lanes, divided to six lanes, divided between U.S. Route 1/301 (Jefferson Davis Highway) and I-95. The project also includes adjustments to left and right turn lanes, entrances, and new sidewalk. Further, the four full-access crossovers will be reduced to two directional crossovers with one for WB traffic located approximately 600 LF from the U.S. Route 1/301 intersection and one for EB traffic located approximately 300 LF from the Route 10 EB to I-95 SB on-ramp. The existing crossover located within the I-95 interchange will be signed for authorized vehicles only and closed to general traffic.

The following project team representatives attended the Design Public Hearing:

Name	Organization
Stan Newcomb	Chesterfield County
Barbara Smith	Chesterfield County
Brent Epps	Chesterfield County
Brian McPeters	Kimley-Horn
Amanda Harmon	Kimley-Horn
Matt Harrell	Kimley-Horn
Michael Mitchell	Kimley-Horn
Katie Crum	Kimley-Horn
Courtney Simpkins-Tuck	Kimley-Horn
Tim Copeland	Stantec
Tim Hamilton	Stantec
Joey Robinson	Stantec
Michele Piccolomini	VDOT – Richmond District
Lindsay LeGrand	VDOT – Richmond District
M. A. Sirry	VDOT – Richmond District

The Design Public Hearing was advertised in the local paper, notices were mailed to property owners within the project limits and signs were posted within the corridor. The Design Public Hearing was held in open forum format with displays. Project team members were available to explain the plans, listen to comments and answer questions. When attendees signed in, they

received a Design Public Hearing handout (see **Attachment D**), Access Management Brochure (see **Attachment E**) and comment form. Comments were accepted at the Design Public Hearing through December 28, 2015. A court reporter was present to record oral comments, but none was given (see **Attachment F**).

The following boards/visual aids were on display at the Design Public Hearing

- Project area map
- Existing conditions aerial photo map (1)
- Proposed conditions aerial photo map (3)
- “Before” photo rendering (2)
- “After” photo rendering (2)

**Comment Summary**

County staff reviewed all comments received at the Design Public Hearing and during the ten-day comment period which ended on December 28, 2015. All comments received at the hearing and during comment period are summarized in the Comment Summary Spreadsheet (**Attachment A**) and responses were developed for each. A total of 16 citizens attended the hearing. There were eight written and no oral comments received for the record. Additional written comments, not on the formal comment form, were received from a few citizens. Of the eight responses on the formal comment form, four citizens supported the project as proposed and four opposed the project or parts of the project as proposed. Original comment sheets, letters and emails are included in **Attachment D**. Below are the survey results from the comment sheet handed out at the Design Public Hearing:

Question #	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Not Sure	No Response	Total
1. The information presented at this meeting was clear and easy to understand.	2	5	1					8
2. The County representatives were helpful and able to answer my questions.	2	4	2					8
3. Please indicate your level of support for the project:	4			1	3			8

The recurring comment received was that the closure of entrances to Route 10 will negatively impact business. Parcels 030, 005/006 and 012 all had entrances that were proposed to be closed on the Public Hearing Plans and displays. Based on comments received and coordination with property owners following the hearing, it is recommended to alter the entrance closure plans as follows:

- Parcel 003 – Leave the Route 10 EB, both Route 1/301 SB entrances open and convert the EB Route 10 to SB Route 1/301 right turn movement from free-flow yield to a signalized right turn movement signed for no rights on red.
- Parcel 005/006 – Convert existing entrance to a right-in only entrance
- Parcel 012 – Provide two 40’-wide commercial entrances that are right-in and right-out

All comments received are listed in the Comment Spreadsheet (see **Attachment C**).

Chesterfield County recommends this project be approved by the District Engineer based on the revisions made to the project's design in response to the comments received at the Design Public Hearing held December 15, 2015.

Michele Piccolomini  
Project Coordinator

9/22/16  
Date

I concur with the recommendation that the major design features for the above project be approved as noted.

J. Will  
District Location & Design Engineer

9-22-16  
Date

Approved by:  
Mark F. Blum  
District Project Development Engineer

11-6-14  
Date

CC: Brian Lokker