



COMMONWEALTH of VIRGINIA

Commonwealth Transportation Board

Shannon Valentine
Chairperson

1401 East Broad Street
Richmond, Virginia 23219

(804) 786-2701
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Agenda item # 4

RESOLUTION OF THE COMMONWEALTH TRANSPORTATION BOARD

March 17, 2020

MOTION

Made By: Mr. Williams, Seconded By: Ms. Hynes
Action: Motion Carried, Unanimously

TITLE: Location Approval for the Northstar Boulevard Extension

WHEREAS, State Highway Project 9999-053-R29, P101, R201, C501 (UPC# 106994) will extend Northstar Boulevard from Route 50 to Shreveport Drive in Loudoun County (the "Project"); and

WHEREAS in accordance with §33.2-208 of the *Code of Virginia* and the policies and regulations of the Commonwealth Transportation Board (CTB), including 24 VAC 30-380-10, a Location and Design Public Information Meeting was held on July 8, 2019 from 6:30 pm – 8:30 pm at John Champe High School, 41535 Sacred Mountain Street, Aldie, VA 20105 for the purpose of considering the proposed location of Northstar Boulevard extension from Route 50 to Shreveport Drive as shown on the attached exhibit; and

WHEREAS, proper notice of the Location and Design Public Information Meeting was given in advance, and all those present were given a full opportunity to express their opinions and recommendations for or against the proposed project as presented, and their statements being duly recorded; and

WHEREAS, the economic, social, and environmental effects of the proposed project have been examined and given proper consideration, and this evidence, along with all other relevant evidence, has been carefully reviewed; and

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WHEREAS, the Project is in compliance with National Environmental Policy Act (NEPA) requirements and an Environmental Assessment (EA) was prepared under agreement between the Virginia Department of Transportation (VDOT) and the Federal Highway Administration (FHWA), which has resulted in a Finding of No Significant Impact (FONSI); and

WHEREAS, on September 19, 2019, the Loudoun County Board of Supervisors endorsed the location and the major design features of the Northstar Boulevard as presented at the Location and Design Public Information Meeting (See attached exhibit); and

WHEREAS, the FHWA has classified State Highway Project 9999-053-R29, P101, R201, C501 (UPC# 106994) as a Project of Division Interest (PODI) and concurred with the information contained in the location approval package on February 12, 2020; and

WHEREAS, review of all data resulted in VDOT's recommendation that the Project be located on the Proposed Alignment.

NOW THEREFORE BE IT RESOLVED, that the CTB hereby approves the location of Northstar Boulevard on new alignment, from Route 50 to Shreveport Drive, as proposed and presented at the Location and Design Public Information Meeting as shown on the attached exhibit.

####

Commonwealth Transportation Board (CTB) Decision Brief

Location Approval for the Northstar Boulevard Extension in Loudoun County

Issue: The extension of Northstar Boulevard between Route 50 and Shreveport Drive, including connecting improvements to Racefield Lane, Youngwood Lane, and Evergreen Mills Road, will address the present and future mobility needs of the Dulles community by continuing the development of a north-south corridor as an alternate roadway to local and regional commuters. The Project will provide additional travel options to regional commuters and reduce local congestion, improve emergency and state maintenance vehicle access and response time, and improve community access to local schools, community facilities and businesses.

Facts:

- In May 2011, the Virginia Commonwealth Transportation Board (CTB) designated a new Corridor of Statewide Significance (CoSS) in Northern Virginia: The Northern Virginia North-South Corridor. The 'North-South Alignment' portion (representing the northern third of the proposed corridor) encompasses the project area. In October 2011, the CTB initiated a study plan to investigate this corridor. During the 2012 amendments to the Loudoun County 2010 CTP, plans to extend Northstar Boulevard and define an ultimate condition of 6-lanes for the route were adopted. Multiple public hearings were held to discuss the corridor between December 2012 and January 2013. Public comments gathered at these hearings were then incorporated into a Final County Master Plan (CMP) Report, which was completed in April 2013 along with statewide goals and defined county transportation plans.
- VDOT conducted an Environmental Assessment (EA) for the Dulles Air Cargo, Passenger, and Metro Access Highway in 2013, a substantial portion of which overlaps the Northstar Boulevard Extension project area. A Revised EA for this study was approved for public availability in April 2014. In April 2017, a Request for Proposals (RFP) was issued by Loudoun County for roadway and civil design services of Northstar Boulevard Extension, and a TIGER grant was awarded for this portion of Northstar Boulevard Extension in March 2018, at which time the Project was listed in the State Transportation Improvement Program (STIP). On May 13, 2019, the EA for Northstar Boulevard Extension was approved for public availability and a notice of availability was posted on the Project's website and published in locally available newspapers.
- The FHWA has classified State Highway Project 9999-053-R29, P101, R201, C501 (UPC# 106994) as a Project of Division Interest (PODI) and concurred with the information contained in the location approval package on February 12, 2020.

Recommendations: VDOT recommends approval of the location of Northstar Boulevard Extension as presented at the July 8, 2019 Location and Design Public Information Meeting as shown on the attached exhibit.

Decision Brief
Location Approval for the Northstar Boulevard Extension
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Action Required by CTB: The *Code of Virginia* §33.2-208, requires a majority vote of the Commonwealth Transportation Board to locate and establish the routes to be followed by the roads comprising systems of state highways between the points designated in the establishment of such systems.

Result, if Approved: If approved by the CTB, the Project will move forward to the design approval phase.

Options: Approve, Deny, or Defer.

Public Comments/Reactions: A Location and Design Public Information Meeting was held on July 8, 2019 from 6:30 pm – 8:30 pm at John Champe High School, 41535 Sacred Mountain Street, Aldie, Virginia 20105. Those that attended were able to view displays for the proposed Project.

Thirty-three (33) citizens attended the public hearing. There were twenty-eight (28) written comments and one (1) oral comment received for the record. Two (2) supported the project as proposed and presented, twenty (20) supported the project as proposed and presented with modifications and zero (0) opposed the project. Five (5) comments did not take a position.

On September 19, 2020, the Loudoun County Board of Supervisors endorsed the location and major design features of the Northstar Boulevard Extension as presented at the Location and Design Public Information Meeting (See attached exhibit).



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
1401 EAST BROAD STREET
RICHMOND, VIRGINIA 23219 2000

Stephen Brich
Commissioner

March 2, 2020

The Honorable Shannon Valentine
The Honorable Stephen C. Brich, P. E.
The Honorable Jennifer Mitchell
The Honorable Jerry L. Stinson II
The Honorable Mary Hughes Hynes
The Honorable Allison DeTuncq
The Honorable Bert Dodson, Jr.
The Honorable W. Sheppard Miller III
The Honorable Carlos M. Brown
The Honorable Cedric Bernard Rucker
The Honorable Stephen A. Johnsen
The Honorable F. Dixon Whitworth, Jr.
The Honorable E. Scott Kasprowicz
The Honorable Raymond D. Smoot, Jr.
The Honorable Marty Williams
The Honorable John Malbon
The Honorable Greg Yates

Subject: Location Approval for the Northstar Boulevard Extension in Loudoun County

Dear Commonwealth Transportation Board Members:

The Department has initiated the above request for Location Approval for your consideration. The proposed Location Approval on State Highway Project 9999-053-R29, P101, R201, C501 has been recommended for approval by the Department's staff.

I have reviewed the staff's recommendations and determined that this request should be considered by the Board.

Sincerely,

A handwritten signature in blue ink that reads "Barton A. Thrasher".

Barton A. Thrasher, P.E.
Chief Engineer



Loudoun County, Virginia

www.loudoun.gov

Office of the County Administrator

1 Harrison Street, S.E., 5th Floor, P.O. Box 7000, Leesburg, VA 20177-7000

Telephone (703) 777-0200 • Fax (703) 777-0325

At a business meeting of the Board of Supervisors of Loudoun County, Virginia, held in the County Government Center, Board of Supervisors' Meeting Room, 1 Harrison St., S.E., Leesburg, Virginia, on Thursday September 19, 2019 at 5:00 p.m.


IN RE: Location and Design Endorsement for Northstar Boulevard from Route 50 to Shreveport Drive (Blue Ridge)

Supervisor Buffington moved that the Board of Supervisors endorse the location and the major design elements of the extension of Northstar Boulevard from Route 50 to Shreveport Drive as presented in Attachment 2, and direct staff to issue the design-build Invitation for Bid.

Seconded by Supervisor Letourneau.

Voting on the Motion: Supervisors Buffington, Buona, Higgins, Letourneau, Randall, Saines, Umstatted, and Volpe – Yes; None-No; Supervisor Meyer – Absent for the vote.

COPY TESTE:


DEPUTY CLERK FOR THE LOUDOUN
COUNTY BOARD OF SUPERVISORS

**Location and Design Public Information
Meeting
Transcript Document
Northstar Boulevard Extension
Loudoun County, Virginia**

**July 8, 2019
6:30 PM – 8:30 PM
John Champe High School Library
41535 Sacred Mountain Street
Aldie, VA 20105**

**State Project: 999-053-R29, P101, R201
UPC #106994**

Attachment 2

CTB PUBLIC INFORMATION MEETING SUMMARY

Northstar Boulevard Extension

Loudoun County

State Project: 9999-053-R29, P101, R201, C501

UPC: 106994

Federal Project: STP-5B01 (103), (104), (105)

Fr: Route 50

To: Shreveport Drive

Project Length: 1.7 miles

PROJECT HISTORY – In May of 2011, the Virginia Commonwealth Transportation Board (CTB) designated a new Corridor of Statewide Significance in Northern Virginia: The Northern Virginia North-South Corridor. The ‘North-South Alignment’ portion (representing the northern third of the proposed corridor) encompasses the project area. In October 2011, the CTB initiated a study plan to investigate this corridor. During the 2012 amendments to the Loudoun County 2010 CTP, plans to extend Northstar Boulevard and define an ultimate condition of 6-lanes for the route were adopted. Multiple public information meetings were held to discuss the corridor between December 2012 and January 2013. Public comments gathered at these meetings were then incorporated into a Final County Master Plan (CMP) Report (completed in April of 2013) along with statewide goals and defined county transportation plans.

VDOT conducted an Environmental Assessment (EA) for the Dulles Air Cargo, Passenger, and Metro Access Highway in 2013, a substantial portion of which overlaps the Northstar Boulevard project area. A Revised EA for this study was approved for public availability April 2014. In April 2017, a Request for Proposals (RFP) was issued by Loudoun County for roadway and civil design services of Northstar Boulevard, and a TIGER grant was awarded for this portion of Northstar Boulevard in March 2018, at which time the project was listed in the State Transportation Improvement Program (STIP). On May 13, 2019, the EA for Northstar Boulevard was approved for public availability and a notice of availability was posted on the project's website and published in locally available newspapers.

PROJECT PURPOSE – Completion of Northstar Boulevard between Route 50 and Shreveport Drive, including connecting improvements to Racefield Lane, Youngwood Lane, and Evergreen Mills Road, will address the present and future mobility needs of the Dulles community by continuing the development of a north-south corridor as an alternate roadway to local and regional commuters. The project will provide additional travel options to regional commuters and reduce local congestion, improve emergency and state maintenance vehicle access and response time, and improve community access to local schools, community facilities and businesses.

TYPICAL SECTION – Northstar Boulevard will consist of a 4-lane median divided, curb & gutter typical section with shared use paths adjacent to both the northbound and southbound lanes, consistent with the Loudoun County Countywide Transportation Plan. The median width will accommodate future widening to 6-lanes without the need for additional right-of-way acquisitions. Left and right turn lanes will be provided at each intersecting street.

PUBLIC INFORMATION MEETING –

Type – Location and Design

Date – July 8, 2019

Time – 6:30pm to 8:30pm

Location – John Champe High School, 41535 Sacred Mountain Street, Aldie, VA 20105

ATTENDANCE – 33 citizens attended the Public Information Meeting

COMMENTS RECEIVED – There were twenty-eight (28) written and one (1) oral comments received for the record. Two (2) supported the project as proposed and presented, twenty (20) supported the project as proposed and presented with modifications and zero (0) opposed the project. Five (5) comments did not take a position.

ENVIRONMENTAL DATA – The Project is in compliance with National Environmental Policy Act (NEPA) requirements and an Environmental Assessment (EA) was prepared under agreement between the Virginia Department of Transportation (VDOT) and the Federal Highway Administration (FHWA), which has resulted in a Finding of No Significant Impact (FONSI).

ESTIMATED COST –

Preliminary Engineering	- \$4,983,084
Right of Way and Utilities	- \$21,297,000
Construction	- <u>\$63,716,916</u>
Total estimated cost	- \$89,997,000

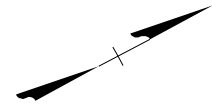
ADVERTISEMENT – The project has received a Transportation Infrastructure Generating Economic Recovery (TIGER) grant award in the amount of \$25,000,000 with a deadline for obligation of the Federal grant funding of June 30, 2020. To accelerate completion of the project, it will be completed via a design-build procurement by Loudoun County. The Request for Qualifications (RFQ) was issued on November 22, 2019 and the Request for Proposals (RFP) is scheduled for March 2020. Award of a design-build contract is expected in October 2020 with completion in November 2024.

CTB Public Information Meeting Summary
Northstar Boulevard Extension
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RIGHT OF WAY – Twenty-seven (27) parcels will be impacted by construction, including one (1) single family residence which will be displaced as a result of this project.

TRAFFIC DATA – It is anticipated that in the design year of 2043 the average daily traffic volume will be 46,460 vehicles per day on the new roadway.

STAFF RECOMMENDS – Approval of the location of the Northstar Boulevard Extension, from Route 50 to Shreveport Drive, as proposed and presented at the Location and Design Public Information Meeting.



<i>CTB Location Approval Exhibit</i>
<i>Northstar Boulevard From: Route 50 To: Shreveport Drive</i>
Date <u>January 2020</u> Scale <u>1" = 800'</u>