

Commonwealth Transportation Board

1401 East Broad Street Richmond, Virginia 23219

Aubrey L. Layne, Jr.

Chairman

(804) 786-2701 Fax: (804) 786-2940

Agenda item # 2

# RESOLUTION OF THE COMMONWEALTH TRANSPORTATION BOARD

**September 20, 2017** 

### **MOTION**

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

<u>Title: Approval of Proposed Limited Access Control Changes</u>
(LACCs) for Interstate 95 and Route 630 Interchange
County of Stafford

WHEREAS, on October 4, 1956, the State Highway Commission, predecessor to the Commonwealth Transportation Board (CTB), designated the Interstate Highway System, including I-95, to be Limited Access Highways in accordance with then Article 3, Chapter 1, Title 33 of the Code of Virginia of 1950, as amended, and established the limited access line locations and limits as "the final locations of said routes, including all necessary grade separations, interchanges, ramps, etc."; and

**WHEREAS**, the CTB approved the major design features of Interstate 95 and Route 630 (Exit 140) Interchange and the relocation of Route 630, the plans for which included the boundaries of the limited access control area, by resolution dated May 15, 2013; and

**WHEREAS**, the proposed Interstate 95 and Route 630 Interchange Project now involves improvements to traffic operations at the interchange that will be accomplished by reconstructing the interchange itself, widening Route 630, and realigning the Route 630 and Route 1 intersection; and

**WHEREAS**, the design for the interchange, including the limited access control, is now different from what was approved on May 15, 2013 and the limited access lines for Interstate 95 adjacent to Route 630 need to be changed as reflected on the exhibits attached hereto; and

Resolution of the Board Proposed Limited Access Control Changes (LACCs) Road Improvements Interstate 95 and Route 630 Interchange County of Stafford September 20, 2017 Page Two

- **WHEREAS**, a Design Public Hearing was held at the Colonial Forge High School 550 Courthouse Road, Stafford County, VA 22554 on Thursday March 24, 2016, between 5:00 pm and 7:00 pm for the purpose of considering proposed State Highway Project 0095-089-F09, UPC 13558 ("Interstate 95 and Route 630 Interchange" or "Project"); and
- **WHEREAS,** proper notice of the Design Public Hearing 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, their statements being duly recorded; and
- **WHEREAS**, the economic, social and environmental effects of the proposed project have been duly examined and given proper consideration, and this evidence, along with all other, has been carefully reviewed; and
- **WHEREAS**, the traffic analysis for the project was completed by VDOT and is part of the Supplement to IMR (Interchange Modification Report) that was approved September 2015; and
- **WHEREAS**, this project is in compliance with the National Environmental Policy Act (NEPA) requirements and a Programmatic Categorical Exclusion was developed on March 7, 2016 in cooperation with the Federal Highway Administration (FHWA) in accordance with federal guidelines and it has been determined that the proposed project will not have any significant environmental impacts; and
- **WHEREAS**, the Board of Supervisors of the County of Stafford has, by resolution adopted on September 15, 2015, endorsed the project as presented; and
- **WHEREAS,** the FHWA has provided the requisite approval for State Highway Project 0095-089-F09, UPC 13558 and the proposed LACC; and
- **WHEREAS, t**his project is located in an attainment area for all the National Ambient Air Quality Standards and therefore the regional conformity requirements do not apply; and
- **WHEREAS**, the Chief Engineer has determined that the proposed change will not adversely affect the safety or operation of the highways; and
- **WHEREAS,** the Department has reviewed the requested change and determined that all requirements of 24 VAC 30-401-20 have been met; and
- **WHEREAS**, VDOT recommends approval of the LACC as proposed and set forth in the exhibits attached hereto and seeks authorization for the Commissioner to take all actions necessary to implement that decision.

Resolution of the Board Proposed Limited Access Control Changes (LACCs) Road Improvements Interstate 95 and Route 630 Interchange County of Stafford September 20, 2017 Page Three

**NOW, THEREFORE, BE IT RESOLVED,** in accordance with section 33.2-401 of the *Code of Virginia* (1950), as amended, and 24 VAC 30-401-20, the CTB hereby finds and concurs with the determinations and recommendations made by VDOT and approves the limited access control change as recommended by VDOT.

**BE IT FURTHER RESOLVED,** that the Commissioner of Highways is hereby authorized to take all actions and execute any and all documents needed to comply with this resolution.

####

# CTB Decision Brief Proposed Limited Access Control Changes Interstate 95 and Route 630 Interchange Project 0095-089-F09, C501, P101, R201 UPC 13558

**Issues:** State Highway Project 0095-089-F09, UPC 13558 ("I-95 and Route 630 Interchange" or "Project") will relocate the interchange of I-95/Route 630 to improve the interchange safety, traffic operations and capacity on I-95.

**County of Stafford** 

The project will require modification to the Limited Access Control Line along I-95 and Route 630, (Limited Access Control Change or LACC) in the County of Stafford, as proposed and noted in the attachment. Pursuant to The *Code of Virginia* §33.2-401, approval of these LACCs and authorization for the Commissioner of Highways to take action to implement this change is required from the Commonwealth Transportation Board (CTB).

#### **Facts:**

- On October 4, 1956, the State Highway Commission, predecessor to the Commonwealth Transportation Board (CTB), designated the Interstate Highway System, including I-95, to be Limited Access Highways in accordance with then Article 3, Chapter 1, Title 33 of the Code of Virginia of 1950, as amended, and established the limited access line locations and limits as "the final locations of said routes, including all necessary grade separations, interchanges, ramps, etc."
- The CTB approved the major design features of Interstate 95 and Route 630 (Exit 140) Interchange and the relocation of Route 630, the plans for which included the boundaries of the limited access control area, by resolution on May 15, 2013.
- The design for the interchange/Project, including the boundaries of the limited access control area, is different from what was approved on May 15, 2013. Thus, the limited access lines for Interstate 95 adjacent to Route 630 need to be changed as noted on the exhibits attached hereto.
- A Design Public Hearing was held on Thursday March 24, 2016, between 5:00 pm and 7:00 pm at the Colonial Forge High School at 550 Courthouse Road, Stafford, VA 22554 for the Project.
- The written determination of the Chief Engineer regarding this proposed project is attached for your consideration.
- Proper notice of the Design Public Hearing 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, their statements being duly recorded in emails
  and comment sheets.
- The economic, social and environmental effects of the proposed project have been duly examined and given proper consideration, and this evidence, along with all other, has been carefully reviewed.
- The traffic analysis for the project was completed by VDOT and is part of the Supplement to IMR (Interchange Modification Report) that was approved September 2015.

CTB Decision Brief
Proposed Limited Access Control Changes (LACC)
Road Improvements Interstate 95 and Route 630 Interchange
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- This project is in compliance with the National Environmental Policy Act (NEPA) requirements and a Programmatic Categorical Exclusion was developed on March 7, 2016 in cooperation with the Federal Highway Administration (FHWA) in accordance with federal guidelines and it has been determined that the proposed project will not have any significant environmental impacts.
- The Project is in the County of Stafford which has, by resolution of the Board of Supervisors adopted on September 15, 2015, endorsed the project as presented.
- FHWA has provided the requisite approval for State Highway Project 0095-089-F09, UPC 13558 and the proposed LACC.
- This project is located in an attainment area for all the National Ambient Air Quality Standards, therefore regional conformity requirements do not apply.
- The Chief Engineer has determined that the proposed change will not adversely affect the safety or operation of the highways.
- The proposed LACC is in compliance with the policies and requirements of the CTB contained in Title 24, Agency 30, Chapter 401 of the *Virginia Administrative Code*.

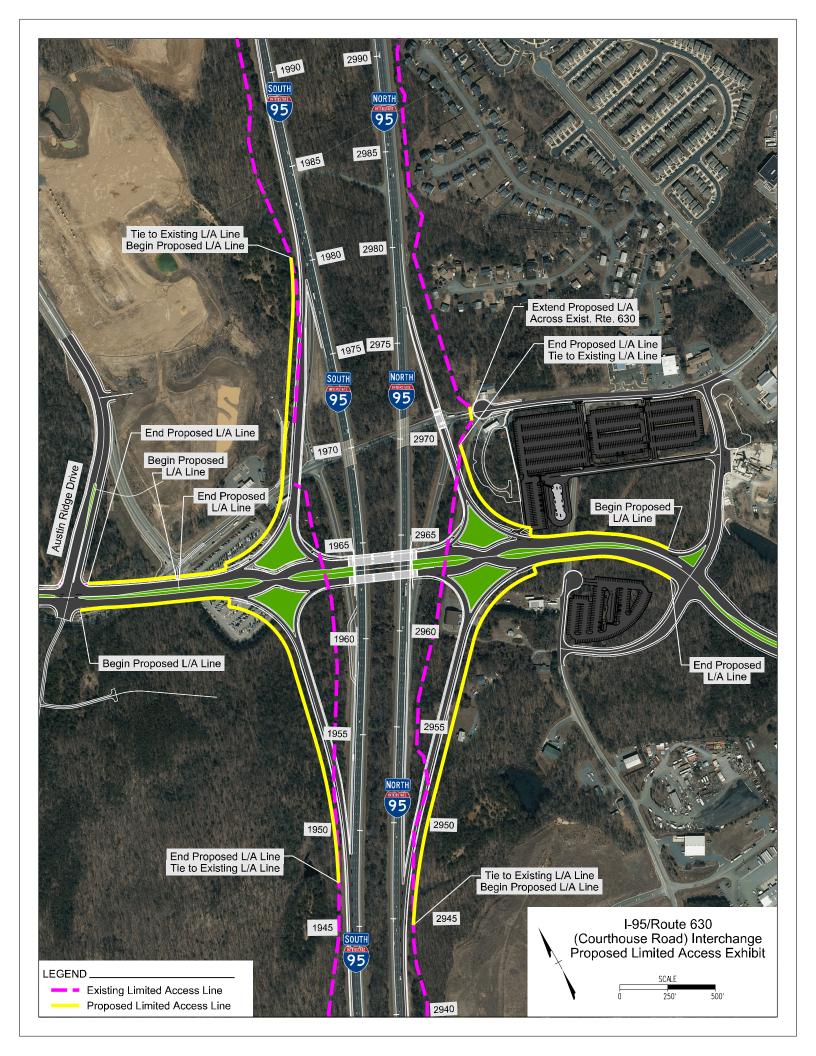
**Recommendations:** It is recommended that the CTB approve the resolution authorizing the LACC on I-95 at Route 630 as reflected in the exhibits attached hereto. VDOT further recommends that the CTB authorize the Commissioner to take all actions necessary to implement that decision.

**Action Required by CTB:** The *Code of Virginia* § 33.2-401 requires a majority vote of the CTB to approve the recommended LACC. The CTB will be presented with a resolution for a formal vote to approve the LACC and to provide the Commissioner of Highways the requisite authority to execute all documents necessary to implement the LACC.

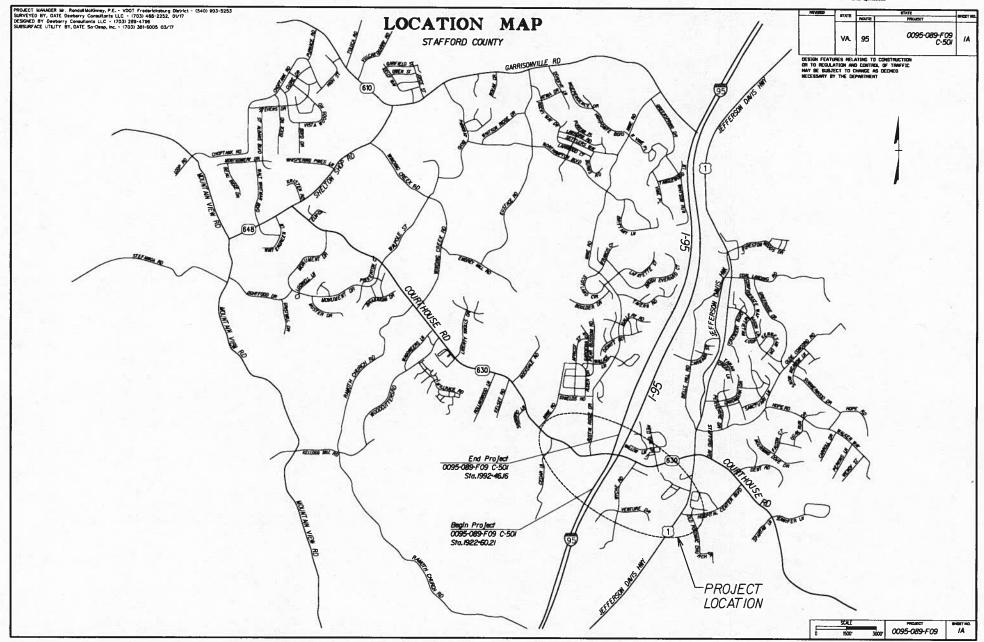
**Result, if Approved:** The limited access control change will be authorized and the Commissioner of Highways will be authorized to execute any and all documents needed to comply with the resolution, and the Intersection Relocation at the Interstate 95 and Route 630 Interchange will move forward.

**Options:** Approve, Deny, or Defer.

**Public Comments/Reactions:** Forty (40) citizens attended the hearing. There were six (6) written and one (1) oral comments received for the record. All comments supported the project.



Proposed Limited Access Modification Locations				
Alignment	Station	Offset (feet)	Description	
I-95 North of Proposed Route 630				
Southbound I-95	1980+36.55	112.36 (Left)	Tie to Existing Limited Access / Begin Proposed Limited Access	
Route 630 (Courthouse Road)	229+18.23	76.00 (Left)	End Proposed Limited Access / Begin Break for Access to Existing Stafford County Pump Station	
Route 630 (Courthouse Road)	229+00.23	76.00 (Left)	Begin Proposed Limited Access / End Break for Access to Existing Stafford County Pump Station	
Route 630 (Courthouse Road)	224+34.50	76.00 (Left)	End Proposed Limited Access	
Route 630 (Courthouse Road) Intersection with Austin Ridge Drive				
Route 630 (Courthouse Road)	223+91.67	73.00 (Right)	Begin Proposed Limited Access	
Southbound I-95	1947+27.28	109.05 (Left)	Tie to Existing Limited Access / End Proposed Limited Access	
I-95 South of Proposed Route 630				
Northbound I-95	2944+64.31	110.55 (Right)	Tie to Existing Limited Access / Begin Proposed Limited Access	
Route 630 (Courthouse Road)	255+44.31	76.00 (Right)	End Proposed Limited Access	
Route 630 (Courthouse Road) Intersection with Wyche Road				
Route 630 (Courthouse Road)	254+56.01	64.00 (Left)	Begin Proposed Limited Access	
Northbound I-95	2969+67.80	315.57 (Right)	Tie to Existing Limited Access / End Proposed Limited Access	
Existing Route 630 (Courthouse Road) to be Closed with a Cul-de-Sac				
Northbound I-95	2970+86.42	378.02 (Right)	Tie to Existing Limited Access / Begin Proposed Limited Access	
Northbound I-95	2971+64.28	367.52 (Right)	Tie to Existing Limited Access / End Proposed Limited Access	





### COMMONWEALTH of VIRGINIA

### Commonwealth Transportation Board

Sean T. Connaughton
Chairman

1401 East Broad Street Richmond, Virginia 23219 (804) 786-2701 Fax: (804) 786-2940 **Agenda item #8-B** 

# RESOLUTION OF THE COMMONWEALTH TRANSPORTATION BOARD

May 15, 2013

### **MOTION**

Made By: Mr. Sterling Seconded By: Mr. Layne
Action: Motion Carried, Unanimously

# <u>Title: Approval of Project Location and Proposed Limited Access Control Changes</u> (LACC), Interstate 95 and Route 630 (Exit 140) Interchange County of Stafford

**WHEREAS,** in accordance with §33.1-18 of the *Code of Virginia* (1950), as amended, and policies of the Commonwealth Transportation Board, a combined Location and Design Hearing was held at the Colonial Forge High School, in Stafford, Virginia on Thursday, November 29, 2012, between 5:00 p.m. and 8:00 p.m. for the purpose of considering proposed State Highway Project 0095-089-F09, P-101, R-201, C-501, B-647, B-648, B-649; and,

**WHEREAS,** the proposed Project involves long term improvements to the I-95 and Route 630 (Exit 140) Interchange and the relocation of Route 630, beginning 0.983 miles south of the I-95 and Route 630 (Exit 140) Interchange and ending 0.809 miles north of the I-95 and Route 630 (Exit 140) Interchange; and,

WHEREAS, the said Project improvements consist of the design and construction of three new bridges with the design and construction of new entrance and exit ramps connecting I-95 from and to Route 630 (Exit 140), the relocation and construction of Route 630, the relocation and construction of Mooney Drive and Venture Drive which will connect to the relocated Route 630, the design and construction of two new Park and Ride facilities, and shifting and/or extending the existing limited access control as part of the design feature of the project; and,

Resolution of the Board Proposed Project Location and Limited Access Control Changes I-95 and Route 630 (Exit 140) Interchange County of Stafford May 15, 2013 Page Two

**WHEREAS,** proper notice 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,** this project is in compliance with NEPA requirements and a Draft Environmental Assessment has been developed in cooperation with the Federal Highway Administration and in accordance with federal guidelines; and,

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

**WHEREAS**, the FHWA has provided the requisite approval for State Highway Project 0095-089-F09, P-101, R-201, C-501, B-647, B-648, B-649 and the proposed LACC; and,

WHEREAS, on October 4, 1956, the State Highway Commission, predecessor to the Commonwealth Transportation Board, designated the Interstate Highway System to be Limited Access Highways and in accordance with §33.1-58 of the *Code of Virginia*, (1950), as amended, established that the limited access line locations and limits shall be as shown on the final engineering plans for the original highway project construction on the interstates, including I-95.

**NOW, THEREFORE, BE IT RESOLVED,** that pursuant to §33.1-12 of the *Code of Virginia*, (1950), as amended, the location of this project is approved as presented at the said combined Location and Design Hearing by the Department.

**BE IT FURTHER RESOLVED,** in accordance with the statutes of the Commonwealth of Virginia and policies of the CTB, that the CTB hereby finds and concurs in the determinations and recommendations of VDOT made herein and directs that the I-95 and Route 630 (Exit 140) Interchange continue to be designated as a Limited Access Highway with the Limited Access Control being modified from the current locations as follows:

That the existing limited access control line along the east side of the I-95 northbound lane be shifted to the east, from a point opposite Station 2942+41.26 (I-95 northbound construction baseline) and continuing northeasterly along Ramp B1 to the Route 630 East, continuing along the relocated Route 630 to the intersection of Route 630 and proposed Venture Drive at a point opposite Station 517+72.42 (Venture Drive construction baseline).

That the existing limited access control line along the along the east side of the I-95 northbound lane be extended along the north side of relocated Route 630, from a point west of the intersection of the proposed Mooney Drive opposite Station

Resolution of the Board Proposed Project Location and Limited Access Control Changes I-95 and Route 630 (Exit 140) Interchange County of Stafford May 15, 2013 Page Three

524+88.36 (Mooney Drive construction baseline) and continuing along the north side of relocated Route 630 to a break in limited access control for an Emergency Access Ramp as a point opposite Station 142+19.36 (Route 630 westbound construction baseline); and beginning along the north side of the Emergency Access Ramp at a point opposite Station 141+75.02 (Route 630 westbound construction baseline) and continuing along Route 630 to a break in limited access control for a 10-foot shared use path at a point opposite Station 139+63.82 (Route 630 westbound lane construction baseline); and beginning on the north side of the 10-foot shared use path at a point opposite Station 139+49.24 (Route 630 westbound lane construction baseline) and continuing north along the east side of the Ramp A1 to a point tying into the existing limited access control of the east side of the I-95 northbound lane at a point opposite Station 3002+43.27 (I-95 northbound construction baseline).

That the existing limited access control line along the west side of the I-95 southbound lane be shifted to the west, from a point opposite Station 2920+60.73 (I-95 southbound lane construction baseline) and continuing northward along I-95 Ramp C1 to relocated Route 630 and continuing westerly to the intersection of Route 630 and Prop. Future Austin Ridge Drive South, and continuing along the east side of Prop. Future Austin Ridge Drive South to a point opposite Station 13+71.00 (Prop. Future Austin Ridge Drive South construction baseline).

That the existing limited access control line along the along the west side of the I-95 southbound lane be extended along the north side of Route 630, from a point on the east side of the proposed Austin Ridge Drive opposite Station 14+25.72 (Austin Ridge Drive construction baseline) and continuing along the east side of Austin Ridge Drive to the intersection of Route 630, and continuing easterly along Route 630 to the intersection of Ramp D1, and continuing northward along the west side of the Ramp D1 to a point tying into the existing limited access control of the west side of the I-95 southbound lane opposite Station 3006+49.60 (I-95 southbound lane construction baseline).

**BE IT FURTHER RESOLVED,** the Commissioner of Highways is authorized to execute any and all documents necessary to implement such changes.

####



## COMMONWEALTH of VIRGINIA

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

Charles A. Kilpatrick, P.E. Commissioner

September 1, 2017

The Honorable Aubrey L. Layne, Jr.

The Honorable Charles A. Kilpatrick, P. E.

The Honorable Jennifer Mitchell

The Honorable Jerry L. Stinson II

The Honorable Henry "Hap" Connors, Jr.

The Honorable Mary Hughes Hynes

The Honorable Allison DeTuncq

The Honorable Shannon Valentine

The Honorable F. Gary Garczynski

The Honorable Carlos M. Brown

The Honorable William H. Fralin, Jr.

The Honorable F. Dixon Whitworth, Jr.

The Honorable E. Scott Kasprowizc

The Honorable Court G. Rosen

The Honorable Marty Williams

The Honorable John Malbon

The Honorable Greg Yates

Subject: Approval of Limited Access Control Changes (LACCs) on Interstate 95 (I-95) and Route 630 Interchange in the County of Stafford.

Dear Commonwealth Transportation Board Members:

The Department has initiated the above request for limited access control changes (LACCs) for your consideration. The proposed limited access control changes on State Highway Project 0095-089-F09, P101, R201, C501 provides for an adjustment in the limited access on Interstate 95 and Route 630 at the interchange. These adjustments in limited access control are needed to provide read improvements on Interstate 95 and Route 630 Interchange in the County of Stafford. It has been determined that these adjustments in limited access control are required for the project and are recommended for approval by the Department's staff.

I have reviewed the staff's recommendations and determined that approving these limited access control changes will not adversely affect the safety or operation of the affected highway network. I have determined that this request should be considered by the Board.

Sincerely,

aneth Moore, P.E.

Chief Engineer

VirginiaDOT.org
WE KEEP VIRGINIA MOVING

### BOARD OF SUPERVISORS COUNTY OF STAFFORD STAFFORD, VIRGINIA

### RESOLUTION

At a regular meeting of the Stafford County Board of Supervisors (the Board) held in the Board Chambers, George L. Gordon, Jr., Government Center, Stafford, Virginia, on the 15<sup>th</sup> day of September, 2015:

MEMBERS:	VOTE:
Gary F. Snellings, Chairman	Yes
Laura A. Sellers, Vice Chairman	No
Meg Bohmke	No
Jack R. Cavalier	Yes
Paul V. Milde III	Yes
Cord A. Sterling	No
Robert "Bob" Thomas, Jr.	Yes

On motion of Mr. Milde, seconded by Mr. Cavalier, which carried by a vote of 4 to 3, the following was adopted:

A RESOLUTION EXPRESSING SUPPORT TO THE VIRGINIA DEPARTMENT OF TRANSPORTATION FOR THE DIVERGING DIAMOND INTERCHANGE DESIGN FOR THE NEW INTERSTATE 95 EXIT 140 INTERCHANGE REPLACEMENT PROJECT

WHEREAS, the reduction of \$35 million in State funding available for the Interstate 95 (I-95) Exit 140 Interchange Replacement (Project) made it necessary to significantly reduce the scope of the Project to allow the Interchange replacement to proceed; and

WHEREAS, the Virginia Department of Transportation (VDOT) implemented numerous reductions in scope to the Project, including shortening the western terminus along Courthouse Road, reducing the number of commuter spaces to be constructed, and eliminating the extension of Jason Mooney Drive, but was unable to reduce the Project cost sufficiently; and

WHEREAS, VDOT studied the Diverging Diamond Interchange (DDI) design, a design that is prevalent in Europe, and becoming more common in the United States, for use in the Interchange Project; and

WHEREAS, the use of the DDI would provide sufficient cost savings due to simpler construction and fewer right-of-way impacts, and allow the Interchange Project to proceed without further reductions to the Project's scope; and

WHEREAS, VDOT completed additional environmental studies and traffic engineering analysis, and determined that the DDI will perform better overall than the original cloverleaf interchange design; and

WHEREAS, the Board desires to express its support for the DDI design of the Interchange Project;

NOW, THEREFORE BE IT RESOLVED, by the Stafford County Board of Supervisors on this the 15<sup>th</sup> day of September, 2015, that it be and hereby does express support for the Diverging Diamond Interchange design for the Interstate 95 Exit 140 Interchange Replacement Project; and

BE IT STILL FURTHER RESOLVED that the County Administrator or his designee shall provide a copy of this resolution to the VDOT District Administrator.

A Copy, teste:

Anthony J. Romanello, ICMA-CM County Administrator

AJR:kcd



### COMMONWEALTH of VIRGINIA

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

Charles A. Kilpatrick, P.E. Commissioner

August 8, 2017

Ms. Jessie Yung, P.E. Division Administrator Federal Highway Administration P.O. Box 10249 400 N. 8<sup>th</sup> Street Room 750 Richmond, Virginia 23240-0249

Attention Ms. Janice L. Williams

I-95/Route 630 (Courthouse Road)
Interchange Reconstruction/Relocation
Project 0095-089-F09, P101, P102, R201, C501, B647, B648
Federal Project Number NHPP-095-2(537)
Stafford County
Request for Modified Limited Access Line

Dear Ms. Yung,

As you are aware, The Virginia Department of Transportation and the Design-Build team of Shirley/Dewberry are developing plans for the reconstruction and relocation of the I-95/Route 630 (Courthouse Road) interchange, as a Diverging Diamond Interchange, in Stafford County. Interstate I-95 was designated a Limited Access Highway by the State Highway Commission, predecessor to the Commonwealth Transportation Board (CTB), on October 4, 1956.

A previous design of the interchange was developed for which the FHWA approved the Interchange Modification Report (IMR) on June 10, 2011, the Environmental Assessment on September 9, 2013 and the Limited Access Control Change on May 6, 2013. The CTB approved the location of the project on May 15, 2013 and the design was approved by the Deputy Chief Engineer on August 22, 2013.

The current design of the interchange was developed for which the FHWA approved Re-evaluation of the Environmental Assessment on September 16, 2015 and the Supplemental Interchange

Modification Report (IMR) on November 9, 2015. The design was approved by the Deputy Chief Engineer on December 17, 2015.

As a result of the design of the new interchange as a Diverging Diamond, the Limited Access Line along Interstate I-95 needs to be modified from that approved by the FHWA in 2013, to encompass the new lanes and ramps along the interstate and Route 630. Therefore, VDOT is requesting your concurrence in modifications to the existing Limited Access Line along Interstate I-95 between Mainline I-95 Stations 2944+64.31 and 2969+67.80 Northbound, including closing the existing break at existing Route 630, between stations 1947+27.28 and 1980+36.55 Southbound and along relocated Route 630 to the first intersecting streets on each side of the interchange as shown on the attached exhibit and the control point table.

This request will supersede the previous Limited Access Control Change approved by the FHWA on May 6, 2013, as shown on the attached exhibit and the control point table.

Attached please find a copy of the Location Map, exhibit showing the changes to the Limited Access Line, the Limited Access Control Point Table, and a letter of support from Spotsylvania County.

VDOT approves of the Limited Access Control Changes as shown on the exhibit and control point table. We are requesting a quick review and approval of these limited access changes so that the Commonwealth Transportation Board can approve the changes at their next meeting on September 20, 2017.

If additional information is needed, please contact Mr. Richard C. Worssam, P.E. at 804.786.2501.

Susan H. Keen, P.E.

State Location and Design Engineer

Approved Jakin Williams Date 8/25/17

Enclosure Location Map

Layout Exhibit

Control Point Table

Stafford County Resolution