



Northern Virginia Transportation Authority

The Authority for Transportation in Northern Virginia

PLANNING COORDINATION ADVISORY COMMITTEE

Thursday, December 18, 2014, 6:30pm

3040 Williams Drive, Suite 200

Fairfax, Virginia 22031

AGENDA

I. Call to Order/Welcome Chairman Foreman

II. Summary Notes of the November 20, 2014

Recommended action: Approval [with abstentions from those who were not present]

Discussion/Information

III. NVRTA Executive Director Report Ms. Backmon, Executive Director

IV. Presentation on HB 599 Rating and Evaluation Study VDOT

V. Review of CY 2015 NVRTA Work Program and Meeting Schedule

Ms. Backmon, Executive Director

VI. PCAC 2015 Meeting Schedule Chairman Foreman

Adjournment

VII. Adjournment

Proposed Next Meeting: February 19, 2014 - 6:30 p.m.

Northern Virginia Transportation Authority

3040 Williams Drive, Suite 200

Fairfax, VA 22031

www.TheNovaAuthority.org



Northern Virginia Transportation Authority
The Authority for Transportation in Northern Virginia

PLANNING COORDINATION ADVISORY COMMITTEE

Thursday, November 20, 2014, 5:30pm

3040 Williams Drive, Suite 200

Fairfax, Virginia 22031

SUMMARY NOTES

I. Call to Order

Chairman Foreman

- Chairman Foreman called the meeting to order at 5:38 pm.

II. Roll Call

Ms. Harris, Program Coordinator

- Attendees: NVTA Chairman Nohe
 - ✓ Members: Mayor Foreman; Council Member Way; Council Member Burk; Supervisor Candland; Council Member Colbert; Council Member Lehr; Supervisor Letourneau; Council Member Oliver.
 - ✓ NVTA Staff: Monica Backmon (Executive Director); Denise Harris (Program Coordinator); Keith Jasper (Program Coordinator).
 - ✓ Other Staff: Noelle Dominguez (Fairfax County), Dan Malouff (Arlington County); James Davenport (Prince William County); Mark Duceman (Town of Herndon).

III. Approval of the September 22, 2014 Summary Notes

- Council Member Lehr moved approval of the summary notes of September 22, 2014 ; seconded by Council Member Oliver. Motion passed with six (6) yeas and two (2) abstentions [with Council Member Colbert and Supervisor Letourneau abstaining as they were not at the September meeting].

IV. NVTA Executive Director Report

Ms. Backmon, Executive Director

- Ms. Backmon informed the Committee that the NVTA received AA+, Aa1 and AA+, with a stable outlook, from Fitch, Moody's and Standard & Poor's, respectively. She informed the PCAC that this AA+ credit rating was unusual for an organization's inaugural bond issuance and noted that it speaks to the work done by the NVTA staff and member localities to ensure the success of the Authority.
- Ms. Backmon also informed the Committee that although the Authority's FY2015/16 Two Year Program is scheduled for adoption in March 2015, VDOT is seeing some anomalies in HB 599 results which may result in the need to revisit the schedule. Ms. Backmon indicated more information will be provided to the

reasons on Monday, November 23, 2014 which is the date of the principals meeting with VDOT. A request was made that VDOT be asked to have a representative at future PCAC meetings.

- Ms. Backmon informed the PCAC that she would like to meet with Chairman Foreman and Vice-Chairman Way to discuss the roles and responsibilities of the PCAC as the Authority develops its Two Year Program and updates its long range transportation plan. This meeting will clarify the role of the Project Implementation Working Group (PIWG) and the PCAC.

V. Policy Framework for Approved Projects Not Advancing

Mr. Jasper, Program Coordinator

- Mr. Jasper, Staff Coordinator for the Project Implementation Working Group (PIWG), presented the draft Policy Framework for the NVTAF funded projects that are not advancing. The Committee was informed that they will be given a more detailed briefing of the draft policy at a future meeting.
 - ✓ Additionally it was stated that project readiness was a criteria for project funding approval. To help facilitate projects moving forward, on October 9, 2014 the Authority approved the Standard Project Agreement (SPA) with VDOT. This SPA enables interested project sponsors to have VDOT implement the project the condition the proposed project is 100% funded by HB 2313.
 - ✓ A request was made for the SPA to be forwarded to the PCAC.
 - ✓ A question was raised if there are specific projects associated with bonding and what happens if they don't move forward. The response was the financing is for a total amount of money, not specifically related to projects; therefore the money may be reassigned if a project is not advancing.
 - ✓ Clarification was sought on the activities of the PIWG. It was conveyed that the Authority desires to keep the PIWG active and may consider renaming it to the Capital Working Group. Currently the PIWG is in charge of developing the Two Year Program and making recommendations to the Authority. The Chair and Vice Chair of the PIWG are Authority members.
 - ✓ A request was made for the reading of the charge of the PCAC. The PCAC charge from the Authority Bylaws was read as: *"This committee shall be responsible for advising the Authority on broad policy issues related to the periodic update of the NVTAF's Long Range Transportation Plan and the development of the NVTAF's Six Year Program with special consideration to regional transportation, land use and growth issues."*
 - ✓ Clarification was sought on what the PCAC is expected to produce. It was conveyed that the NVTAF looks to the PCAC to provide input and recommendations on the update/development of the long range transportation plan and Two Year Program.

VI. Draft 2015 Legislative Program

Ms. Dominguez, Chair, JACC

- Ms. Dominguez, Chair of the Jurisdiction and Agency Coordinating Committee (JACC), presented the draft 2015 Legislative Program to the PCAC. Ms. Dominguez noted areas in the program which were new or significantly different from the previous program. She informed the PCAC that comments they had on the draft program would be included for NVTa consideration at the December 11, 2014 NVTa meeting.
 - ✓ Clarification was sought on how the legislative program is communicated to the Northern Virginia delegation. An explanation was given that the legislative liaisons in Northern Virginia meet regularly to keep each other informed. An example was given using the Budget Amendment process and how the coordination of the legislative liaisons helped to keep the Authority well informed.
 - ✓ There was a discussion on the Federal Aviation Administration (FAA) Perimeter Rule and the related positions of the Metropolitan Washington Council of Governments and interested local jurisdictions. The PCAC discussed adding language to the Legislative Program consistent with that of member jurisdictions.
- Supervisor Letourneau moved approval of inclusion of a position consistent with member jurisdictions on the FAA Perimeter Rule in the Authority Legislative Program; seconded by Mayor Foreman. Motion carried unanimously.

VII. HB2 Review

Ms. Harris, Program Coordinator

- Ms. Harris and Ms. Dominguez provided an overview of the HB 2 presentation given by the Virginia Office of the Secretary of Transportation (OST) at the October 16, 2014 Commonwealth Transportation Board meeting.
 - ✓ An observation was made that there is the potential of creating an unmanageable amount of methodologies for rating transportation projects. The response was this is the reasoning for the OST recommending limiting the methodologies to 4-6 options.
 - ✓ A concern was raised on the weights of cost sharing when there are potential Federal, State, and NVTa monies on a project. The question was asked how will HB 2 work with HB 599 and whether this may create a situation where there will be conflicting timing for project schedules. It was confirmed that the Authority is concerned about the compatibility of HB 2 and HB 599.
 - ✓ Clarification was sought to the question that if a member jurisdiction choose not to adopt an Urban Development Area (UDA) would the jurisdiction then be eligible to submit local projects for consideration. It was noted this question will be added to the proposed NVTa comments on HB 2.

Discussion/Information

VIII. TransAction 2040 Update Listening Session

Ms. Harris, Program Coordinator

- Ms. Harris introduced Mr. Malouff, Chair of the TransAction 2040 Update Subcommittee, who provided an update on the October 9, 2014 TransAction 2040 Plan Update Listening Session. The PCAC discussed its advisory role in the plan update at key milestones.
 - ✓ The committee was informed that their input would be sought at key milestones of the plan update.
 - ✓ The committee requested the defined corridors be revisited in the plan update. The response was the corridors will be reviewed as part of the plan update.
 - ✓ A concern was raised about reviewing land use patterns and it was advised against a plan update that redesigns “lifestyle.” The response was the proposed scenario planning aspect of the plan update would be simply to inform, with no intent to modify local land use.
 - ✓ A question was asked about what land use scenario planning in this context would mean. The response was that various options are under development by the subcommittee due to the Commonwealth of Virginia offering \$750,000 towards scenario planning in the plan update. It was added that scenario planning is a useful tool in that it will explore varying land use scenarios. It was indicated that TransAction 2040 was intended to include scenario planning until the budget was reduced. The fact that the State is offering to help pay for scenario planning in this update helps mitigate the associated costs. In addition, the State has told the Authority it has no intention of controlling local land use.
 - ✓ Select members of the PCAC stated that in their experience of sitting on the Metropolitan Washington Council of Governments board, they found the scenario planning conducted by the Transportation Planning Board (TPB) interesting; yet it provided for little in terms of action steps. The response was the work of the TPB is to help inform local decisions related to land use.
 - ✓ There was a statement that the plan update must be multimodal in nature. Bicycling and walking coordination are critical.

IX. PCAC 2015 Meeting Schedule

Chairman Foreman

- The Committee discussed its meeting schedule for CY2015 to ensure it coordinates with the NVTa meeting schedule as well as individual member schedules. Several members indicated they preferred a 6:00 or 6:30 pm start time for evening meetings. Members were requested to come to the December 2014 meeting prepared to discuss this and that members send NVTa staff their local meeting schedules for CY2015 in order to select a meeting time that accommodates the greatest number of members.

X. Other Business

- The December 18, 2014 meeting moved from the previously scheduled 5:30 pm start time to 6:30pm.

Adjournment

XI. Adjournment

- Meeting adjourned at 7:07 pm.

DRAFT



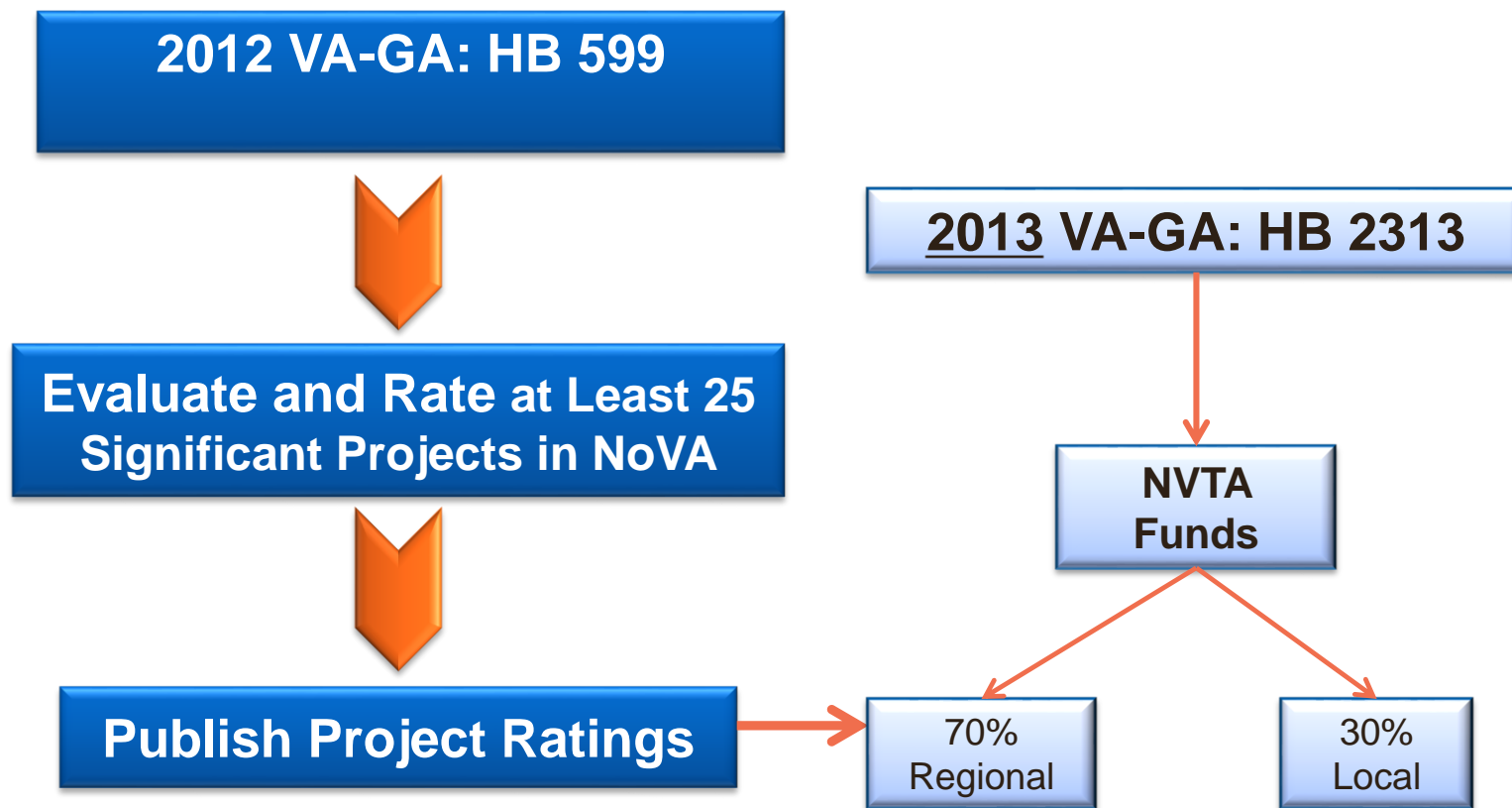
Evaluation of Significant Transportation Projects in Northern Virginia Transportation District

HB 599 Study Overview

NVTA Planning Coordination Advisory Committee

December 18, 2014

Study Genesis and Context

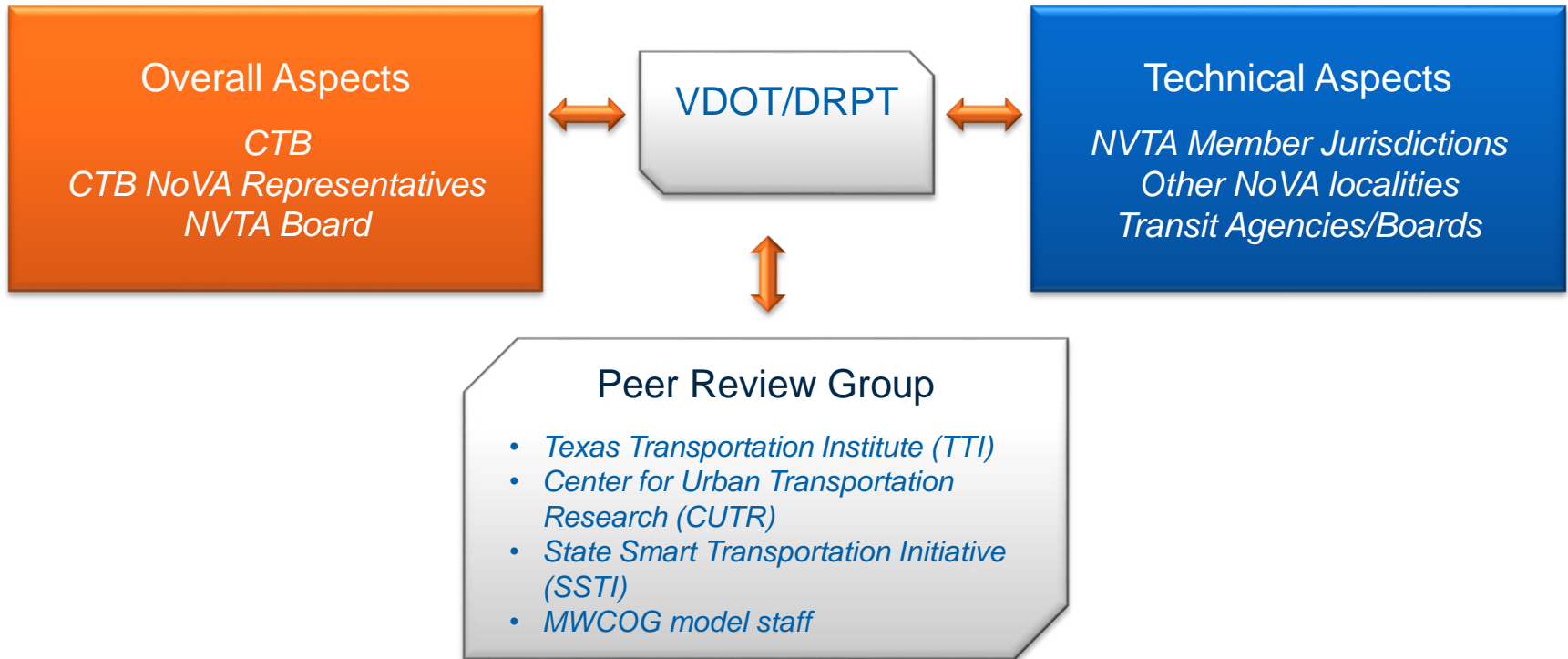


HB 2313 excludes transit capacity
adding projects from evaluation
and rating

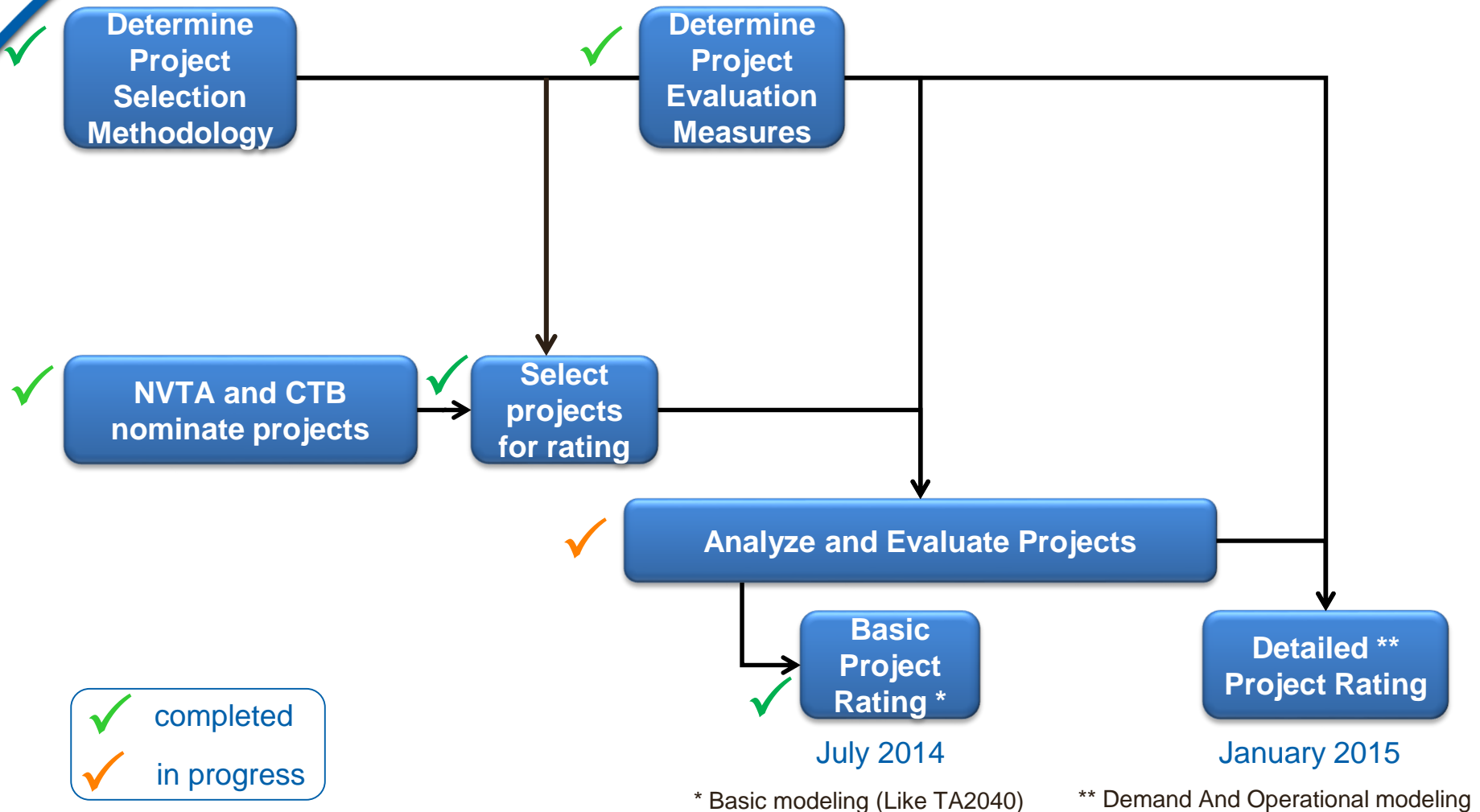
Statutory Framework For Study

- **CTB establishes priorities for NoVA**
- **Significant multi-modal projects to be evaluated**
- **Projects over wide area; in and near Northern Virginia District**
- **Project's funding source not considered**
- **Provide Analytical Evaluation and Quantitative Rating**
- **Rating Based on Congestion and Mobility Considerations only**

Project Coordination



Study Approach

















Detailed Ratings

- **Preparing detailed ratings of 37 nominated projects based on more detailed operational models, to be completed by January 2015.**
- **Detailed ratings based on seven performance measures, selected in cooperation with stakeholders and NVT A.**
- **Models run for 2020 and 2040 study years.**
- **Performance measures weighted by stakeholder decision process.**

Performance Measure Summary

- **Transit Crowding** = reduction in the number of transit route miles experiencing crowded conditions (local bus > 1.0; express bus and commuter rail > 0.9; Metrorail > 100 passengers/car).
- **Congestion Duration** = reduction in the number of hours of the day auto and transit passengers experience heavily congested travel conditions.
- **Person Hours of Delay** = reduction in the number of person hours of travel time above free flow travel time.
- **Person Hours of Congested Travel in Automobiles** = reduction in the number of person hours of travel in automobiles and trucks on heavily congested facilities.
- **Person Hours of Congested Travel in Transit Vehicles** = reduction in the number of person hours of travel in buses and trains on heavily congested facilities or in crowded vehicles.
- **Accessibility to Jobs** = increase in the number of jobs that can be reached from each household based on a 45 minute travel time by automobile and a 60 minute travel time by transit.
- **Emergency Mobility** = increase in the person hours of travel time resulting from a 10 percent increase in peak hour trip making.

Evaluation Performance Measure Weights

Category-Attribute		Blended Weights		
		Category	Attribute	Overall
Congestion Reduction		86.9%		
	Transit Crowding		 13.3%	 11.5%
	Congestion Duration		 32.1%	 27.9%
	Person Hours of Delay		 23.3%	 20.3%
	Person Hours of Congested Travel in Automobiles		 17.7%	 15.4%
	Person Hours of Congested Travel in Transit		 13.6%	 11.8%
			100.0%	86.9%
Improved Mobility		13.1%		
	Accessibility to Jobs		 72.6%	 9.5%
	Emergency Mobility		 27.4%	 3.6%
			100.0%	13.1%
Total		100.0%		100.0%

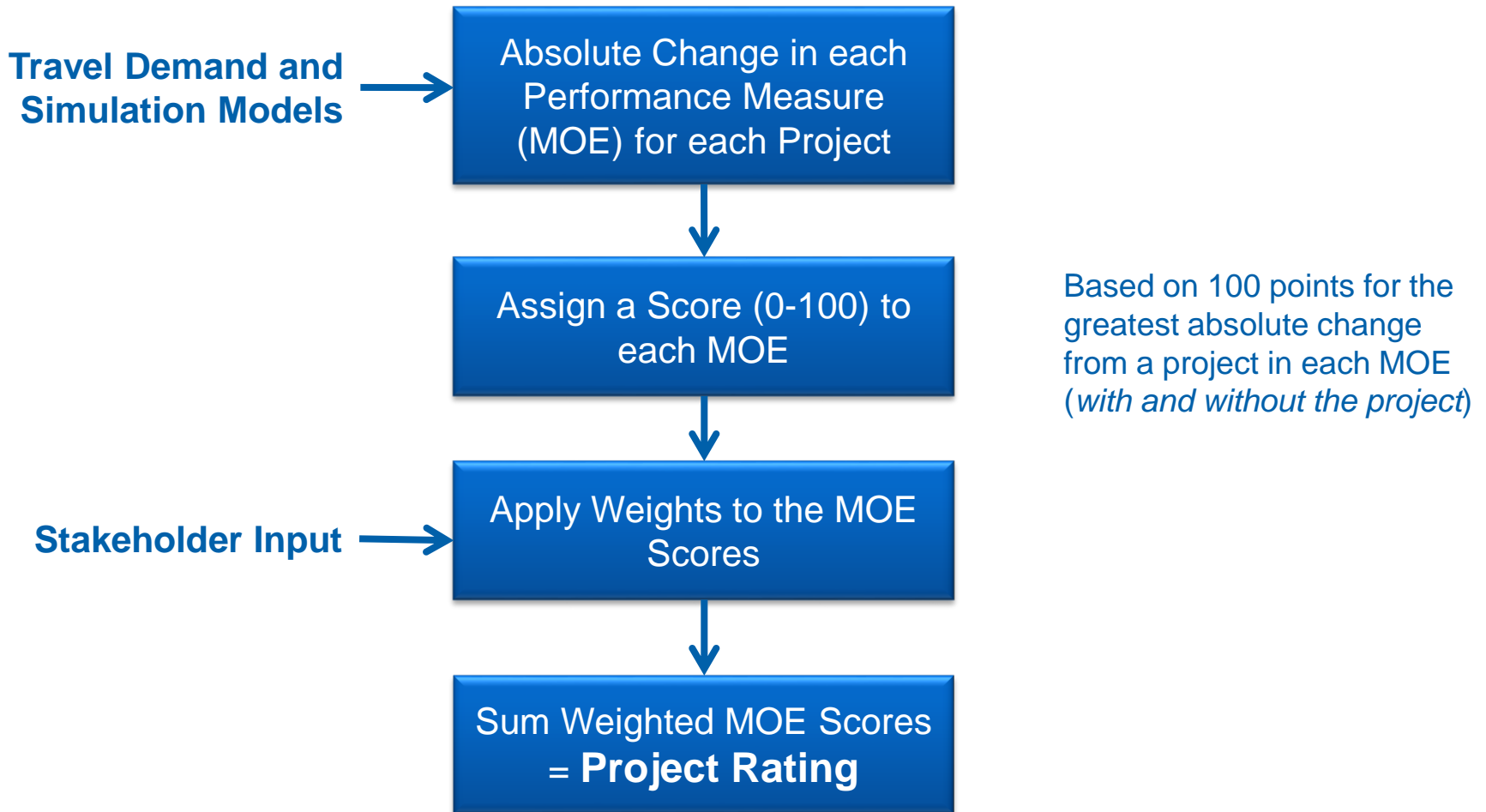
Nominated Projects

- 37 projects nominated (32 NVTA, 5 NoVA CTB)
 - 24 roadway improvements/widenings
 - 1 HOV widening
 - Fairfax County subsequently chose to evaluate this project as an arterial widening without an HOV lane
 - 5 interchange construction
 - 5 intersection improvements
 - 2 ITS traveler information / traffic management projects
 - No transit projects
 - NVTA decided against nominating transit project for the first round of analysis

Performance Measure Scores and Project Rating

- Model run for each project for 2020 and 2040 study years, and compared with baseline performance
- Calculate absolute change for each performance measure
- 100 points are awarded to the project that generates the greatest absolute change for each performance measure and analysis year
- The points for other projects are scaled based on how well it performs relative to the best performing project
- The performance measure (MOE) scores are multiplied by the stakeholder weights
- The sum of the weighted MOE scores will determine the project's congestion reduction / mobility rating for each analysis year

Evaluation and Rating Process



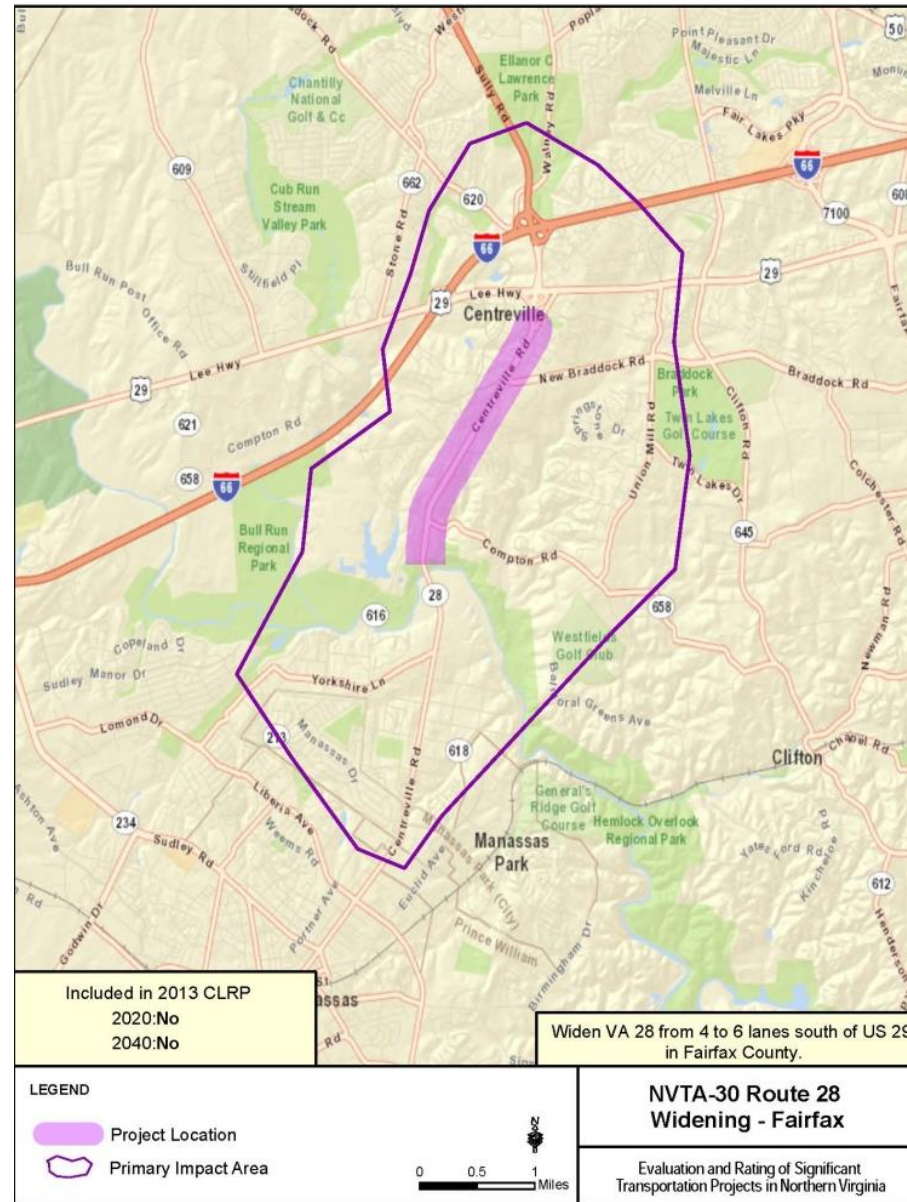
Sample Project Performance

NVTA-30: Route 28 Widening - Fairfax

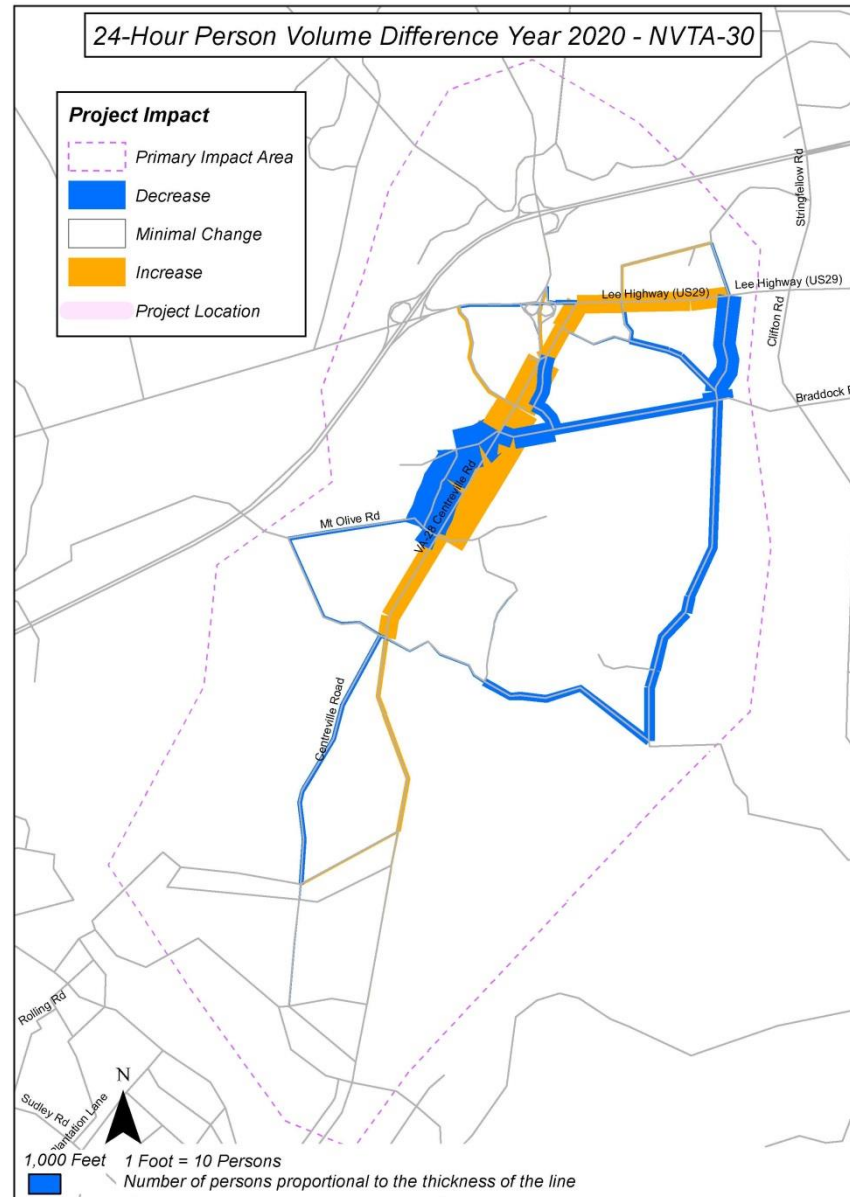
This project includes widening of VA 28 from 4 to 6 lanes from the Prince William County line (Bull Run Bridge) north to US 29.

Submitted by Fairfax County

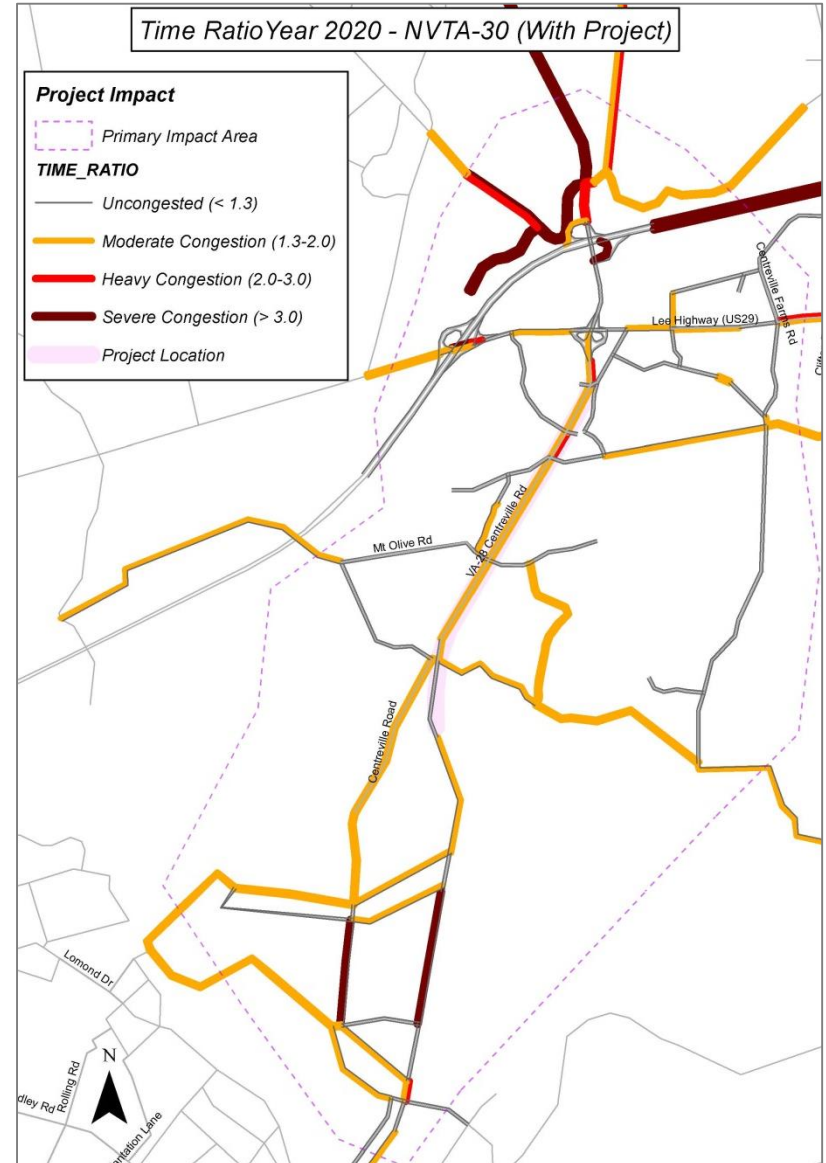
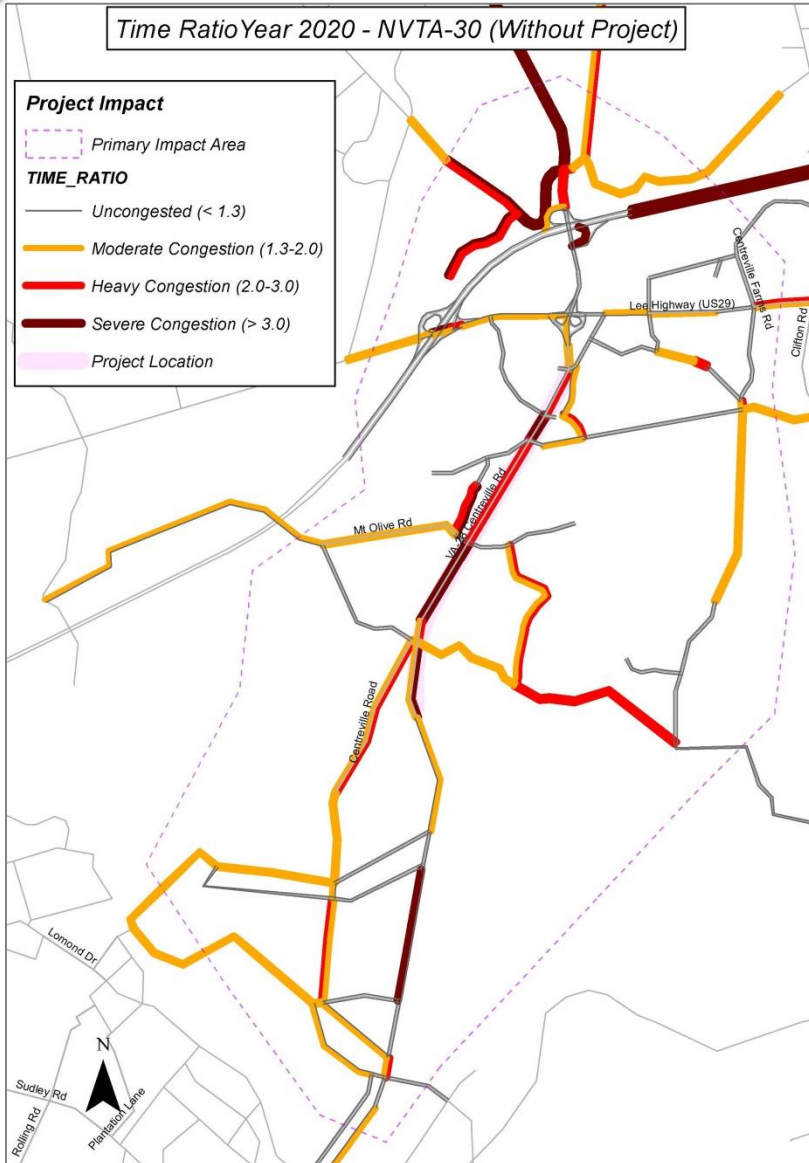
Project Location and Primary Impact Area



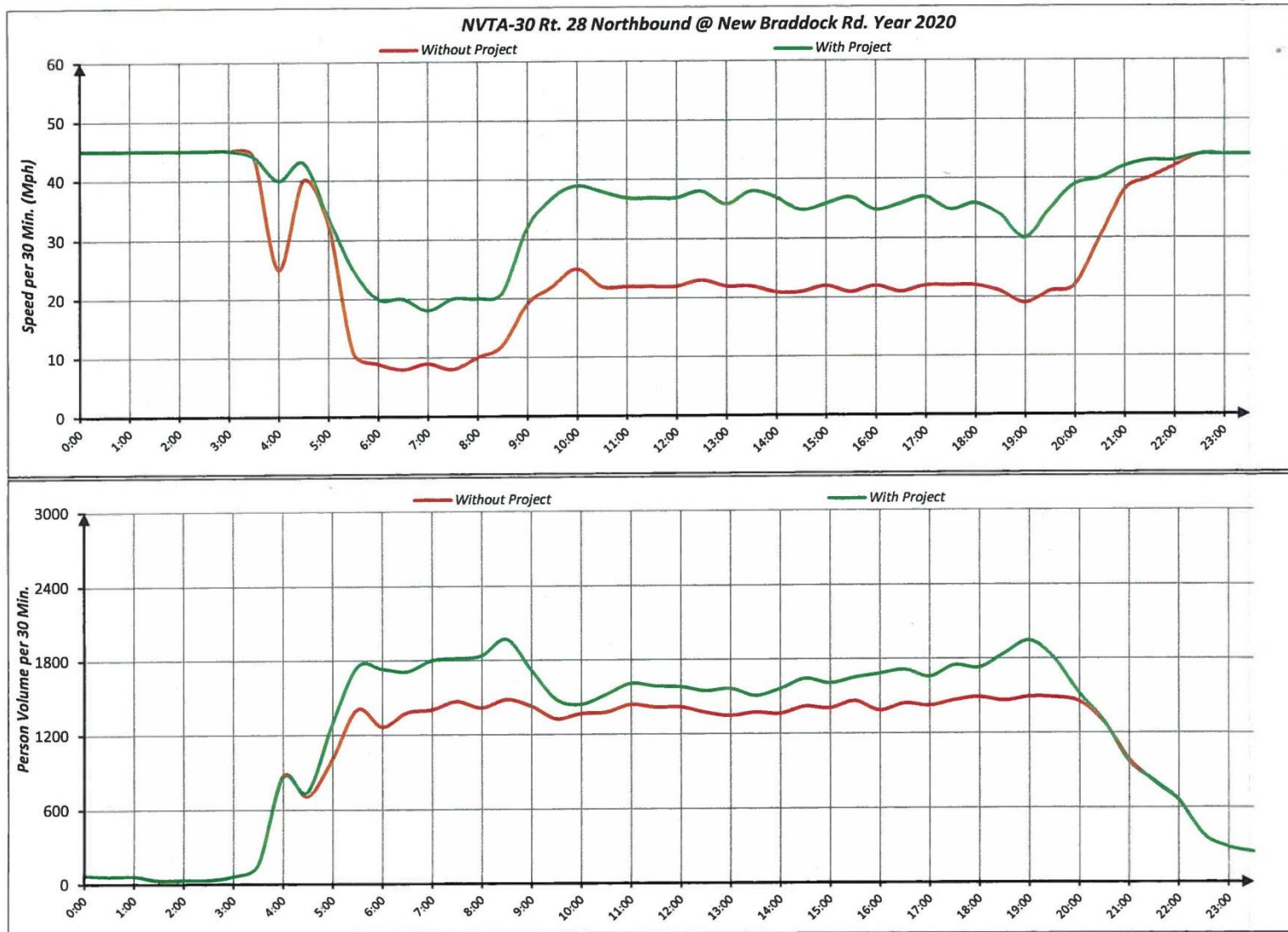
Volume Comparison – With and Without Project



2020 Travel Time Ratios



2020 Speed and Volume Profiles VA 28 Northbound at New Braddock Rd



Next Steps

- **Finish corrections to projects and calculate ratings, based on meetings with localities (December 4-10), NVTA Technical Advisory Committee (December 17), and NVTA Planning Coordination Advisory Committee.**
- **Provide ratings to Stakeholders: early January.**
- **Share ratings with PIWG on January 12.**
- **Conduct final Peer Review session: mid-January.**
- **Share ratings at January 22nd NVTA meeting.**
- **Post ratings to VDOT website.**



THANKS!

www.virginiadot.org/projects/northernvirginia/evaluating_significant_projects.asp

Evaluation and Rating of Transportation Projects in Northern Virginia Transportation District

	MONTH	ACTIVITY ¹	ACTION ITEM ²
3. I/R 4. OT 5. OT	January	<ol style="list-style-type: none"> Review proposed parameters for FY2016 Operations Budget. This includes review of VRS & Health costs. Present White papers concerning financing of CIP to develop an NVTA Financing Plan. 	<ol style="list-style-type: none"> HB599 Presentation of final ratings. Approval of CY 2015 Work Program. Finance Committee (FC) recommendation and Authority approval. FC review. FC review.
2. R 3. OT 4. I/R 5. I/R	February	<ol style="list-style-type: none"> Review of 5 year Revenue Estimates. Review of proposed contract renewal for Financial Consulting with PFM. RFI for approved Depository List (CD's, CEDARS, MMA) solicited by invitation. RFI for approved Broker/Dealer List solicited by invitation. Review HB599 process. Develop Draft FY2015-16 Two Year Program Finalize policy recommendation for projects not advancing. 	<ol style="list-style-type: none"> FC recommendation and Authority approval. FC recommendation and Authority approval. FC review. FC review. Provide comments on HB 599 process to VDOT. Approve Draft FY2015-16 Two Year Program. Approve policy for NVTA Approved Projects not advancing.
4. I/R 5. I/R	March	<ol style="list-style-type: none"> Review of CMAQ/RSTP Strawman. Review of Debt Policy revisions. Advertisement of Proposed Budget including notification of Budget Meeting. Develop budget for TA2040 update, including VDOT funds for scenario planning. Develop Draft FY2015-16 Program Public Hearing. Deadline for Bond Post Compliance entry to E.M.M.A. 	<ol style="list-style-type: none"> Approval of CMAQ/RSTP Strawman for VDOT. FC recommendation and Authority approval. Proper notification to FC and Authority regarding presentation of proposed budget for adoption at April Meeting. Approve budget for TA2040 update. Public Hearing on Draft FY2015-16 Program.
	April	<ol style="list-style-type: none"> Develop schedule for FY2017-19 Program and priorities for project selection. Develop recommendations to CTB/VDOT re: enhancement of HB 599 process, including transit projects and measures. 	<ol style="list-style-type: none"> Adopt CTB Testimony for Spring Public Hearing.

¹ Assumes all SPAs for FY2014 are approved in CY2014.

² Authority actions only; excludes information items.

NVTA CY2015 PROGRAM

	MONTH	ACTIVITY ¹	ACTION ITEM ²
4. I/R 5. OT		3. Review and update HB 599 project selection methodology. 4. Presentation of Proposed NVTA Budgets for approval. 5. General Ledger System Install. 6. Review of Final TransAction RFP – coordinate with TAC, PCAC, JACC. 7. Finalize FY2015-16 Two Year Program.	3. 4. FC recommendation and Authority approval. 5. 6. Approval of TransAction 2040 Update Request for Proposal for Issuance. 7. Approve Final FY2015-16 Two Year Program.
4. I/R 5. R	May	1. Develop Call for Projects (FY2017-19 Program). 2. SPA Review (First ones for FY2015-16 Program). 3. Review and update project selection criteria(FY2017-19 Program). 4. Monthly reconciliation - Recap Package post General Ledger implementation for JMB, LGIP, SNAP. 5. Quarterly cash ladder/investment review (period ended March 31, 2015). 6. 7.	1. Approve Call for Projects. 2. Briefing on TPB Air Quality Initiatives. 3. Briefing to TPB on NVTA Planning and Programming Initiatives. 4. 5. FC review. 6. Approve schedule and priorities for FY2017-19 Program. 7. Approve HB 599 project selection methodology.
3. I/R	June	1. Review projects for FY2017-19 Program, and develop recommendations for inclusion in HB 599. 2. SPA(s) FY2015-16 review. 3. Distribution of Annual 30% Certification Forms to Member Jurisdictions and notify Authority.	1. Approve projects for FY2017-19 Program, and develop recommendations for inclusion in HB599. 2. Approve Submitted SPA(s) FY2015-16. 3. Inform FC and Authority of the distribution of the Annual 30% Certification Forms and associated deadlines.

NVTA CY2015 PROGRAM

	MONTH	ACTIVITY ¹	ACTION ITEM ²
	July	<ol style="list-style-type: none"> 1. Project selection criteria – coordinate with TAC, PCAC, JACC. 2. TransAction Update Contract Review. 3. SPA(s) FY2015-16 review. 	<ol style="list-style-type: none"> 1. Approve project selection criteria. 2. Authority approval. 3. Approve submitted SPA(s) FY2015-16.
	August		
<ol style="list-style-type: none"> 3. I/R 4. R 	September	<ol style="list-style-type: none"> 1. SPA(s) FY2015-16 review. 2. Rate projects for FY2017-19 Program. 3. Present recap of Member Jurisdictions' Annual 30% Certification forms. 4. Quarterly cash ladder/investment review (period ended June 30, 2015). 	<ol style="list-style-type: none"> 1. Approve submitted SPA(s) FY2015-16. 2. 3. FC review. 4. FC review.
<ol style="list-style-type: none"> 3. R 	October	<ol style="list-style-type: none"> 1. SPA(s) FY2015-16 review. 2. Review Joint Commission on Transportation Accountability report. 3. Distribution of Tax Compliance Certifications for Bond Funded Projects (deadline Nov. 30, 2015). 	<ol style="list-style-type: none"> 1. Approve Submitted SPA(s) FY2015-16. 2. 3. FC review.
<ol style="list-style-type: none"> 4. R 5. I/R 6. OT 	November	<ol style="list-style-type: none"> 1. SPA(s) FY2015-16 review. 2. Review draft HB 599 ratings. 3. Review Annual Report. 4. Presentation of Annual Financial Statements. 5. Annual review of Investment Policy. 6. Quarterly cash ladder/investment review (period ended September 30, 2015). 	<ol style="list-style-type: none"> 1. Approve submitted SPA(s) FY2015-16. 2. 3. 4. Approval of Annual Financial Statements and Authority approval. 5. FC recommendation and Authority approval. 6. FC review.

	MONTH	ACTIVITY¹	ACTION ITEM²
	December	<ol style="list-style-type: none"> 1. SPA(s) FY2015-16 review. 2. Review final HB 599 ratings. 3. 2016 Legislative Program review. 4. Finalize Annual Report 5. 	<ol style="list-style-type: none"> 1. Approve submitted SPA(s) FY2015-16. 2. HB 599 Presentation of final ratings. 3. Approve 2016 Legislative Program. 4. 5. Establishing Nominating Committee for CY2016 NVTA Officers.
6. I/R		<ol style="list-style-type: none"> 6. Review of Mid-Year Revenue Budget & proposed budget adjustments (if any). 	<ol style="list-style-type: none"> 6. FC recommendation and Authority approval for budget adjustments.
7. I/R		<ol style="list-style-type: none"> 7. Post Issuance Compliance Certification & submission of Audited Financial Statements to VA Auditor of Public Accounts. 	<ol style="list-style-type: none"> 7. Certificate of Compliance to FC for recommendation and Authority approval. Confirmation of Submission of F/S to VA Auditor of Public Accounts
8. I/R		<ol style="list-style-type: none"> 8. Confirm Finance Committee meeting schedule for following year. 	<ol style="list-style-type: none"> 8. FC approval.

VI

Planning Coordination Advisory Committee Draft Meeting Schedule Calendar Year 2015

(Monthly meetings subject to Work Plan Approval in February and may be deemed not necessary.)

Meeting	Tentative 2015 Dates – PCAC Meetings start at 6:30 PM; NVTAs Meetings start at 6:00 PM.
PCAC	No Meeting
NVTA	January 22
PCAC	February 19
NVTA	February 26
PCAC	March 19
NVTA	March 26
PCAC	April 16
NVTA	April 23
PCAC	May 21
NVTA	May 28
PCAC	June 18
NVTA	June 25
PCAC	July 16
NVTA	July 23
PCAC	August – No Meeting
NVTA	August – No Meeting
PCAC	September 17
NVTA	September 24
PCAC	October 15
NVTA	October 22
NVTA*	November 12
PCAC*	November 19
NVTA*	December 10
PCAC*	December 17

* Due to the Authority meeting the second Thursday of the month during November and December, the PCAC meeting follows the NVTA meeting, as opposed to preceding it, those two months.