



Northern Virginia Transportation Authority
The Authority for Transportation in Northern Virginia

Thursday, May 12, 2016
7:00 pm
3040 Williams Drive, Suite 200
Fairfax, Virginia 22031

AGENDA

- I. Call to Order** Chairman Nohe
- II. Roll Call** Ms. Speer, Clerk
- III. Minutes of the April 28, 2016 Meeting**
Recommended action: Approval [with abstentions from those who were not present]

Presentation

- IV. Project Evaluation Process for the Draft FY2017 Program**
Ms. Backmon, Executive Director

Action

- V. Approval of the Release of the Draft FY2017 Program Project List for Public Comment** Chairman Nohe, PPC Chair
Recommended Action: Approval of the Release of the Draft FY2017 Program Project List for Public Comment

Discussion/Information

- VI. TransAction Update** Keith Jasper, Program Coordinator
- VII. Executive Director's Report** Ms. Backmon, Executive Director
- VIII. Chairman's Comments**

Closed Session

IX. Adjournment

Correspondence

- Manassas Park Letter Regarding VRE Parking Expansion

Next Meeting: June 9, 2016– Immediately following Public Hearing

Public Hearing on Draft FY2017 Program

6:00pm Open House

7:00pm Presentation with Public Hearing immediately following

**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

Thursday, April 28, 2016
6:00 pm
3040 Williams Drive, Suite 200
Fairfax, Virginia 22031

MEETING MINUTES

I. Call to Order Chairman Nohe

- Chairman Nohe called the meeting to order at 6:11pm.

II. Roll Call Ms. Speer, Clerk

- Voting Members: Chairman Nohe; Chairman Bulova; Board Member Fisette (arrived 6:16pm); Mayor Silberberg (arrived 6:34pm); Council Member Way; Mayor Silverthorne; Council Member Rishell; Council Member Snyder (arrived 6:13pm); Delegate Minchew (arrived 6:30pm).
- Non-Voting Members: Ms. Cuervo; Mr. Horsley.
- Staff: Monica Backmon (Executive Director); Michael Longhi (CFO); Keith Jasper (Program Coordinator); Sree Nampoothiri (Program Coordinator); Camela Speer (Clerk); various jurisdictional staff.

Presentation

IV. HB 599 Evaluation Results for Draft FY2017 Program

Valerie Pardo, VDOT

(Council Member Snyder arrived.)

- Mr. Roden presented the HB 599 Evaluation Results for the 24 projects evaluated for consideration in the Draft FY2017 Program.

(Board Member Fisette arrived.)

- Council Member Way noted that there were several projects on the list that had low HB 599 ratings. He asked if there was any cut-off for the list, or if all projects will stay on the proposed list. Chairman Nohe responded that it is VDOT's responsibility to provide the HB 599 ratings and the NVTA's job to incorporate those numbers into the Authority's project evaluation process. He invited Ms. Backmon to discuss the NVTA's next steps. Ms. Backmon stated that at the May 4, 2016 meeting of the Planning and Programming Committee (PPC) the HB 599 results, the NVTA's quantitative scores and the congestion

reduction relative to cost ratios will be presented for the Draft FY2017 Program candidate projects. She added that there will also be a staff recommendation on projects to be recommended for funding. She noted that the projects recommended for funding will be taken to the public comment period along with the other candidate projects. Ms. Backmon stated that the NVTa quantitative scoring is 55% of the overall project score and the HB 599 rating is 45%.

- Council Member Snyder stated that the legislation addresses benefits flowing back to the localities. He asked if this will be one of the criteria considered in the project selection process. He noted there is an equity issue here and we must see how the numbers work out. Ms. Backmon responded that the long term benefits provision Council Member Snyder is referencing states that every locality must receive their proportional share of funding. She stated that in December of 2014 the Authority adopted the principals for assessing long term benefits. The principals had several components: evaluation will be done on a retrospective basis, with first evaluation after 10 years of funding; 50% of the assessment is the location of the project; remaining 50% is the trip origin and destination; and projects being evaluated for long term benefits must be complete. Ms. Backmon added that the Authority does take geographic balance and modal distribution into consideration when developing the recommended project funding list. Council Member Snyder asked for clarification that the HB 599 rating is just one of several filters, and while useful, is just data going into the ultimate decision making which will include other filters and considerations. Ms. Backmon responded affirmatively.
- Chairman Nohe stated that another relevant point is that this is only a one-year program and that ideally we will be developing a six-year program. He noted that the one-year program was decided for this year so that the first full six-year program can be built on the next iteration of the TransAction Plan. Chairman Nohe added that the urgency criteria will come into play in the Draft FY2017 Program recommendations, noting that urgency was one of the evaluation criteria used in the previous project selection processes. He stated that there will be continued discussion that while some projects may score highly on the HB 599 measure, or on other measures, some of those projects do not have the ability to spend any money at this time. Chairman Nohe added that these may be great projects, but are likely great projects for the FY2018-2023 Six-Year Program. He noted that allocating money to these projects now will not get them to proceed any faster. Ms. Backmon added that some of the projects submitted for the Draft FY2017 Program were also submitted to the Commonwealth for HB 2 funding. She stated the NVTa is monitoring this and is cognizant that we are the last in the funding adoption order for several regional funding processes.
- Chairman Nohe stated that a quorum is now present.

III. Minutes of the March 10, 2016 Meeting

- Chairman Bulova moved approval of the March 10, 2016 minutes; seconded by Council Member Snyder. Motion carried with five (5) yeas and two (2) abstention [with Mayor Silverthorne and Council Member Way abstaining as they were not at the March 10, 2016 meeting].

Action

IV. Approval of Public Hearing Date for Draft FY2017 Program

Ms. Backmon, Executive Director

- Ms. Backmon stated that the Planning and Programming Committee met on April 18, 2016, and recommended that the Public Hearing for the Draft FY2017 Program be held on June 9, 2016. She added that this is a regularly scheduled Authority meeting date. Ms. Backmon stated that the Public Comment Period will begin on May 13, 2016 and end June 17, 2016. She asked that the Authority approve June 9, 2016 as the Public Hearing date.
- Chairman Bulova moved approval of June 9, 2016, as the Public Hearing date for the Draft FY2017 Program; seconded by Council Member Rishell. Motion carried unanimously.

V. Approval of NVTa Testimony to the Commonwealth Transportation Board on the Draft FY2017-22 Six Year Improvement Program

Ms. Backmon, Executive Director

- Ms. Backmon stated that the Commonwealth Transportation Board (CTB) is holding a Public Hearing on Monday, May 2, 2016, on the FY2017-2022 Draft Six-Year Improvement Program and noted the suggested NVTa testimony is included in the Authority's meeting packet. She added that the changes from the previous years are highlighted in the staff report. Ms. Backmon noted that the Regional Jurisdiction and Agency Coordinating Committee (RJACC) had met earlier in the day and recommended that the last bullet on page three regarding the CTB's process be stricken from the testimony as it is a carryover from previous years.
- Chairman Nohe stated that the CTB has invited him, again, to sit on the panel to receive testimony. He note that while this is a Public Hearing on the CTB's Six Year Improvement Program, in the interest of emphasizing the partnership between the CTB and the NVTa, the CTB has asked him, as Chairman, to be on the panel for the last few years. He added that he will not read the NVTa's testimony, but submit it for the record in writing.

(Delegate Minchew arrived.)

- Chairman Bulova moved approval of the testimony on the CTB's Draft FY2017-2022 Six-Year Improvement Program, with the deletion of the last bullet on the CTB's process; seconded by Council Member Rishell. Motion carried unanimously.

VI. Approval of CMAQ/RSTP Reallocation Request for Fairfax County

Ms. Backmon, Executive Director

- Ms. Backmon invited Ms. Dominguez, Chairman of the RJACC, to address the Congestion Mitigation and Air Quality (CMAQ) and Regional Surface Transportation Program (RSTP) reallocation requests for Fairfax County.
- Ms. Dominguez stated that there are several requests, and a few are information items. She noted the following reallocation requests for Authority approval:
 - ✓ \$20.7 million in CMAQ funds and \$2.2 million in RSTP funds from the Vaden Ramp project to the I-66 TMP Congestion mitigation project. She noted that both projects are Transform I-66 projects so the funds are being used for two parts of the same large project.
 - ✓ \$7 million in RSTP funds from the Jones Branch Connector project to the I-66 TMP Congestion mitigation project.
 - ✓ Earlier today, at the RJACC meeting, an additional \$5 million in RSTP funds from the Vaden Ramp project to the I-66 TMP Congestion mitigation project.
- Ms. Dominguez noted that the I-66 TMP Congestion mitigation project is a new project for CMAQ/RSTP purposes, so requires Authority approval.
- Chairman Bulova moved approval of the reallocation of Congestion Mitigation and Air Quality and Regional Surface Transportation Program funds for Fairfax County; seconded by Board Member Fisette. Motion carried unanimously.

Discussion/Information

VII. Planning and Programming Committee Report

Chairman Nohe, Chair

- Chairman Nohe noted that the Planning and Programming Committee (PPC) meeting was devoted to receiving the HB 599 rating presentation from the Virginia Department of Transportation (VDOT). He stated that the next Committee meeting would be Wednesday, May 4, 2016, at 10am at the NVTa office. Chairman Nohe noted that the main purpose of this meeting will be to review the staff presentation on the NVTa evaluation and rating of the Draft FY2017 candidate projects.
- Ms. Backmon added that there will also be an NVTa staff recommendation on the projects recommended for funding in the Draft FY2017 Program, so that the recommended projects can be presented for public hearing and comment.

Ms. Backmon stated that the PPC will be asked to make a recommendation to the Authority on which projects should be recommended for funding for the Public Hearing and public comment period, noting that the recommended project list could change based on the recommendation of the PPC. This recommendation will be taken up by the Authority at the May 12, 2016 meeting.

(Mayor Silberberg arrived.)

- Chairman Nohe reminded everyone that all Authority members are encouraged to participate in the PPC meetings. He noted that while the PPC has official members, recommendations are done by consensus, so all members of the Authority can participate. He added that if there is a jurisdiction who cannot have an Authority member present, it is encouraged that a staff person participate on behalf of the jurisdiction. Ms. Backmon added that with the anticipated May 12, 2016 action to take the recommended project list out for public comment, and the public comment period ending June 17, 2016, the PPC will meet again on June 28, 2016. It is anticipated that the Committee will be asked at that meeting to make a recommendation to the Authority on the projects to be funded as part of the FY 2017 Program.

VIII. Technical Advisory Committee Report Mr. Boice, Chairman

- Ms. Backmon stated that the Technical Advisory Committee received the HB 599 ratings report at their last meeting.

IX. Monthly Revenue Report Mr. Longhi, CFO

- No verbal report.

X. Operating Budget Report Mr. Longhi, CFO

- No verbal report.

XI. Executive Director's Report Ms. Backmon, Executive Director

- Ms. Backmon stated that there is a new item in her report that addresses CMAQ/RSTP Reallocations for FY2017-2022. She noted that the Authority had adopted the programming recommendations for FY2022 at the March meeting. She added that the original recommendations were based on estimates and that the State has informed us of an increase in RSTP and CMAQ PM2.5 funding, but a decrease in CMAQ funds. Ms. Backmon stated that in order for everything to be processed and allocated for the CTB's Draft Six-Year Improvement Program, the NVTa needs to reallocate some of the funding to make up for the deficit in CMAQ monies. VDOT needs this information by May 6, 2016 for inclusion in the FY2017-2022 SYIP. She

noted that the RJACC had reviewed this today and had a recommendation regarding the reallocation of funds. Ms. Backmon proposed that NVTA staff, in coordination with the RJACC, complete the draft recommendation to be sent via email to the Authority on Tuesday, May 3, 2016, with a request that members provide any feedback or concerns via email by Thursday, May 5, 2016. The recommendation will be sent to VDOT on Friday, May 6, 2016. Ms. Backmon stated that there will also be a recommendation on the programming of surplus RSTP monies, but VDOT does not need this recommendation until June 3, 2106. She stated that NVTA staff will continue to work with the RJACC to adequately and appropriately program the surplus monies.

XII. Chairman's Comments

- Chairman Nohe stated that the Authority had approved the date of the Public Hearing this evening and next month we will approve the recommended project list to be advertised. He noted that last year, based on the Authority's meeting schedule and for legal reasons, the public hearing advertising had to run prior to the approval of the Authority for the date. He asked for clarification that this evening's action was sufficient to allow for the Public Hearing advertising. Ms. Backmon responded that due to the fact that the NVTA is taking all 24 candidate projects in the Draft FY2017 Program out for Public Comment, we are prepared and can make the deadlines, noting that the advertisement will be issued next week.
- Chairman Nohe encouraged the jurisdictions to hold Town Hall Meetings during the Public Comment Period. He stated that this will give more opportunity for direct citizen input. He added that many constituents do not want to drive to a single location to provide public input and we are a large region geographically. Chairman Nohe also stated that giving constituents opportunities to learn about the Program, ask questions and comment in their own jurisdiction is helpful. He asked that jurisdictions let NVTA staff know if and when they will hold Town Hall Meetings. He also offered NVTA staff and/or himself to be available for assist or give those presentations.
- Chairman Nohe wished Mayor Silverthorne good luck in his election next week.

XIII. Adjournment

- Meeting adjourned at 6:40pm.

FY2017 Program

Interim Project Evaluations

May 12, 2016



Northern Virginia
Transportation Authority
The Authority for Transportation in Northern Virginia

Agenda

- i. Overview
- ii. Interim Project Evaluations
 - a. NVTa Quantitative Scores
 - b. Congestion Reduction Relative to Cost Ratios
 - c. Qualitative Considerations
- iii. NVTa Staff Recommendations
- iv. Next Steps



Overview

- FY2017 Program is a one-year program;
- Last program based on TransAction 2040;
- First program in which all projects are subject to the HB 599 process
- First program that coincides with the HB 2 process;
- Congestion reduction impacts based on completed projects;
- 24 Candidate Projects;
- \$667,843,951 requested;
- \$266,700,000 est. available (PayGo).



Interim Project Evaluations

- NVTa Quantitative Scores
 - Incorporates HB 599 rating for 2040 (weighting: 45%)
 - Eight other criteria (weighting: 55%)
- Congestion Reduction Relative to Cost (CRRC) Ratios
 - Uses selected HB 599 outputs for 2020 and 2040
 - Total project cost
 - 'NVTa Share'
- Qualitative Considerations
 - Continuity of Project Funding
 - Cost Sharing
 - Geographic and Modal Balance
 - Other



NVTA Quantitative Scores

Criteria		Weighting
• Congestion Reduction:		45%
• Project Readiness:	15%	55%
• Reduce VMT:	5%	
• Safety:	5%	
• Connectivity*:	10%	
• Improved Bike/Ped:	10%	
• Management/Ops:	5%	
• Cost Sharing:	5%	

Note: * two criteria

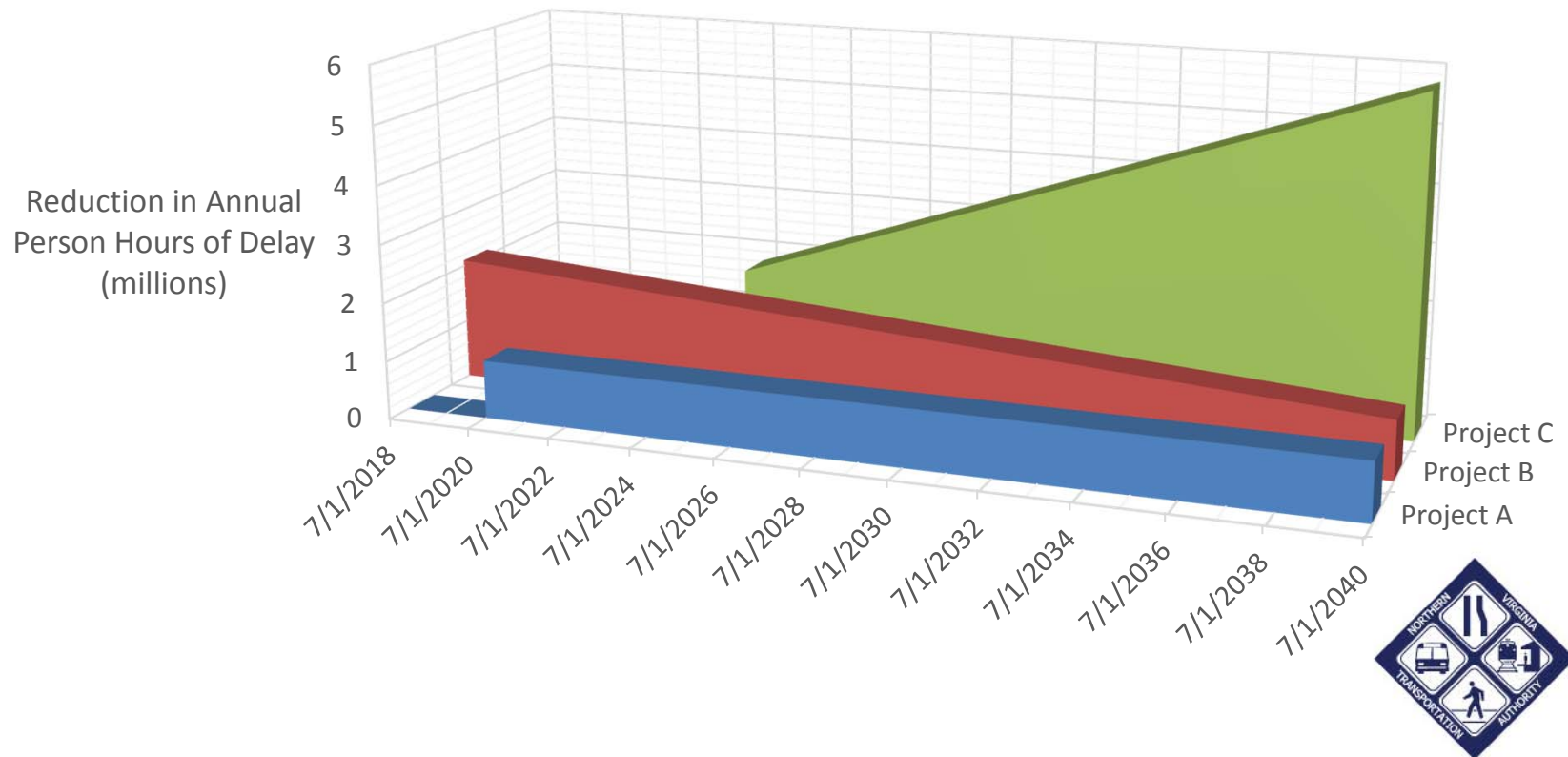


NVTA Quantitative Scores

CANDIDATE PROJECTS				HB599 (2020) Project reduces roadway congestion	HB599 (2040) Project reduces roadway congestion	Project will be advanced as a result of FY17 Program funding	Project reduces vehicle- miles traveled	Project improves the safety of the transportation system	Project improves connections between multiple Activity Centers	Project connects jurisdiction s and modes	Project supports multiple use development patterns in a walkable/bikeable environment	Project improves the management and operation of existing facilities through technology applications	Project leverages private or other outside funding	Weighted Score	Rank
Item #	Map Ref #	Jurisdiction/ Agency	Project Description	0	45	15	5	5	5	5	10	5	5	100	
7	6T	Fairfax	I-66/Route 28 Interchange Improvements	77.4	78.3		1		1	1				73.57	1
9	1S	Fairfax	Route 7 Widening Phase I (Colvin Forest Dr to Jarrett Valley Dr); VDOT UPC - 99478	22.2	54.6		1			1		1		66.24	2
17	8DD	Alexandria	Potomac Yard Metrorail Station	28.5	36.0							1		66.20	3
24	8FF	WMATA	Metrorail Blue Line Traction Power Upgrades	43.8	45.8						1			65.61	4
10	3M	Fairfax	Route 28 Widening (PWC Line to Route 29)	60.9	56.3		1					1	1	65.34	5
14	8BB	Prince William	Widen Route 1 to Six Lanes (Featherstone Road to Mary's Way)	24.3	33.4		1			1				58.36	6
1	6R	Arlington	Lee Highway Corridor ITS Enhancements	7.4	9.8		1						1	51.08	7
3	6S	Arlington	East Falls Church Regional Connections and Access Project	2.2	2.2								1	49.32	8
11	5D	Fairfax	Route 286 Fairfax County Parkway Widening (Route 123 to Route 29)	42.9	42.7		1			1		1	1	49.22	9
16	8CC	Alexandria	West End Transitway	13.4	16.3	1								49.00	10
2	8Y	Arlington	Crystal City Streets: 12th St Transitway, Clark/Bell Realignment, and Intersection Improvements	4.0	4.6								1	48.74	11
18	6W	Falls Church	Bikeshare Connections to Orange and Silver Line Metrorail Stations, Falls Church	2.2	2.2							1	1	47.66	12
20	8EE	Dumfries	Widen Route 1 to Six Lanes (Brady's Hill Road to RT234)	22.3	27.7		1		1				1	47.47	13
8	8AA	Fairfax	Widening US1 Richmond Highway (Mt Vernon Hwy to Napper Rd)	30.1	35.1		1		1	1		1		47.46	14
15	3N	Prince William	Widen Route 28 to Six Lanes (Route 234 to Linton Hall Road)	14.0	19.7		1		1			1	1	47.20	15
22	1U	Leesburg	Route 7 (East Market Street) / Battlefield Parkway Interchange	6.7	14.2		1		1			1	1	43.06	16
21	1T	Herndon	East Elden Street Improvements and Widening Project	1.1	2.5		1						1	42.79	17
4	7D	Fairfax	Braddock Road HOV Widening (Burke Lake to I-495)	29.6	23.6				1	1		1	1	40.62	18
5	9P	Fairfax	Fairfax Connector Bus Purchases (11 buses) for Service Expansion	3.7	4.1					1	1		1	40.18	19
13	6V	Prince William	Widen Route 15 to Four Lanes (Route 55 to south of RR tracks) & Construct RR Overpass	2.6	3.5		1		1	1		1	1	39.91	20
12	6U	Fairfax	Seven Corners Ring Road Improvements	3.6	9.0		1					1	1	39.05	21
6	8Z	Fairfax	Frontier Drive Extension and Braided Ramps	5.9	9.9		1		1	1		1		37.79	22
19	3P	Manassas	Sudley Road Westbound Third Lane (Godwin Dr to Dorsey Cir)	4.3	8.3		1		1	1		1	1	37.07	23
23	3Q	VRE	VRE Manassas Park Station Parking Expansion	7.3	7.4	1					1	1	1	33.33	24

Congestion Reduction Relative to Cost (CRRC) ratios

Total Congestion Reduction = Area Under the Graph



Congestion Reduction Relative to Cost (CRRC) ratios

- Total Project Cost
 - Provides ‘apples to apples’ comparison of each project’s congestion reduction impacts, regardless of funding sources.
- ‘NVTa Share’
 - Provides an understanding of the relative ‘return’ of each project, using NVTa regional revenues.



Congestion Reduction Relative to Cost (CRRC) ratios

- Assumptions
 - ‘NVTa Share’ includes:
 - FY2017 Program request
 - Planned future funding requests to NVTa
 - 100% of identified funding gaps
 - ‘NVTa Share’ does not include:
 - Funding from NVTa FY2014 and FY2015-16 Programs
 - Project costs are accurate, consistent, and undiscounted;
 - No future cost overruns;
 - 100% of operational costs through 2040 are met by project sponsors, including bus replacements.



Congestion Reduction Relative to Cost (CRRC) ratios

	Map Ref #	Jurisdiction/ Agency	Project	Total Project Cost	Rank	NVTA Share	Rank
1	6R	Arlington	Lee Highway Corridor ITS Enhancements	1.56	1	1.56	2
10	3M	Fairfax	Route 28 Widening (PWC Line to Route 29)	0.52	2	0.56	5
19	3P	Manassas	Sudley Road Westbound Third Lane (Godwin Dr to Dorsey Cir)	0.40	3	0.40	7
23	3Q	VRE	VRE Manassas Park Station Parking Expansion	0.40	3	0.41	6
18	6W	Falls Church	Bikeshare Connections to Orange and Silver Line Metrorail Stations, Falls Church	0.36	5	0.36	9
11	5D	Fairfax	Route 286 Fairfax County Parkway Widening (Route 123 to Route 29)	0.33	6	0.37	8
15	3N	Prince William	Widen Route 28 to Six Lanes (Route 234 to Linton Hall Road)	0.32	7	0.75	4
5	9P	Fairfax	Fairfax Connector Bus Purchases (11 buses) for Service Expansion	0.30	8	0.30	11
14	8BB	Prince William	Widen Route 1 to Six Lanes (Featherstone Road to Mary's Way)	0.26	9	1.88	1
24	8FF	WMATA	Metrorail Blue Line Traction Power Upgrades	0.25	10	1.29	3
9	1S	Fairfax	Route 7 Widening Phase I (Colvin Forest Dr to Jarrett Valley Dr)	0.18	11	0.21	12
7	6T	Fairfax	I-66/Route 28 Interchange Improvements	0.16	12	0.17	13
4	7D	Fairfax	Braddock Road HOV Widening (Burke Lake to I-495)	0.14	13	0.14	14
2	8Y	Arlington	Crystal City Streets: 12th St Transitway, Clark/Bell Realignment, and Intersection Improvements	0.13	14	0.13	15
20	8EE	Dumfries	Widen Route 1 to Six Lanes (Brady's Hill Road to RT234)	0.13	14	0.13	15
3	6S	Arlington	East Falls Church Regional Connections and Access Project	0.12	16	0.12	17
17	8DD	Alexandria	Potomac Yard Metrorail Station	0.08	17	0.33	10
16	8CC	Alexandria	West End Transitway	0.05	18	0.07	18
22	1U	Leesburg	Route 7 (East Market Street) / Battlefield Parkway Interchange	0.05	18	0.07	18
12	6U	Fairfax	Seven Corners Ring Road Improvements	0.03	20	0.03	20
6	8Z	Fairfax	Frontier Drive Extension and Braided Ramps; VDOT UPC 106742	0.03	20	0.03	20
8	8AA	Fairfax	Widening US1 Richmond Highway (Mt Vernon Hwy to Napper Rd)	0.03	20	0.03	20
13	6V	Prince William	Widen Route 15 to Four Lanes (Route 55 to south of RR tracks) & Construct RR Overpass	0.03	20	0.03	20
21	1T	Herndon	East Elden Street Improvements and Widening Project	0.01	24	0.01	24

Qualitative Considerations

- 12 projects requesting continuation funds
 - No obligation, but a logical expectation
 - Invoicing history and current status not supportive of immediate need for FY2017 Program funds
 - 2 projects with apparent cost overruns
- 10 projects subject to HB2 or 'Transform66 Multimodal Project' project selection processes



CRRC Ratios/Quantitative Scores

	Map Ref #	Jurisdiction/ Agency	Project	CRRC Ratio	Rank	Quant. Score	Rank
1	6R	Arlington	Lee Highway Corridor ITS Enhancements	1.56	1	51.08	7
10	3M	Fairfax	Route 28 Widening (PWC Line to Route 29)	0.52	2	65.34	5
19	3P	Manassas	Sudley Road Westbound Third Lane (Godwin Dr to Dorsey Cir)	0.40	3	37.07	23
23	3Q	VRE	VRE Manassas Park Station Parking Expansion	0.40	3	33.33	24
18	6W	Falls Church	Bikeshare Connections to Orange and Silver Line Metrorail Stations, Falls Church	0.36	5	47.66	12
11	5D	Fairfax	Route 286 Fairfax County Parkway Widening (Route 123 to Route 29)	0.33	6	49.22	9
15	3N	Prince William	Widen Route 28 to Six Lanes (Route 234 to Linton Hall Road)	0.32	7	47.20	15
5	9P	Fairfax	Fairfax Connector Bus Purchases (11 buses) for Service Expansion	0.30	8	40.18	19
14	8BB	Prince William	Widen Route 1 to Six Lanes (Featherstone Road to Mary's Way)	0.26	9	58.36	6
24	8FF	WMATA	Metrorail Blue Line Traction Power Upgrades	0.25	10	65.61	4
9	1S	Fairfax	Route 7 Widening Phase I (Colvin Forest Dr to Jarrett Valley Dr)	0.18	11	66.24	2
7	6T	Fairfax	I-66/Route 28 Interchange Improvements	0.16	12	73.57	1
4	7D	Fairfax	Braddock Road HOV Widening (Burke Lake to I-495)	0.14	13	40.62	18
2	8Y	Arlington	Crystal City Streets: 12th St Transitway, Clark/Bell Realignment, and Intersection Improvements	0.13	14	48.74	11
20	8EE	Dumfries	Widen Route 1 to Six Lanes (Brady's Hill Road to RT234)	0.13	14	47.47	13
3	6S	Arlington	East Falls Church Regional Connections and Access Project	0.12	16	49.32	8
17	8DD	Alexandria	Potomac Yard Metrorail Station	0.08	17	66.20	3
16	8CC	Alexandria	West End Transitway	0.05	18	49.00	10
22	1U	Leesburg	Route 7 (East Market Street) / Battlefield Parkway Interchange	0.05	18	43.06	16
12	6U	Fairfax	Seven Corners Ring Road Improvements	0.03	20	39.05	21
6	8Z	Fairfax	Frontier Drive Extension and Braided Ramps; VDOT UPC 106742	0.03	20	37.79	22
8	8AA	Fairfax	Widening US1 Richmond Highway (Mt Vernon Hwy to Napper Rd)	0.03	20	47.46	14
13	6V	Prince William	Widen Route 15 to Four Lanes (Route 55 to south of RR tracks) & Construct RR Overpass	0.03	20	39.91	20
21	1T	Herndon	East Elden Street Improvements and Widening Project	0.01	24	42.79	17

NVTA Staff Recommendations

	Map Ref #	Jurisdiction	Project (Continuation/New)	Phases Funded	FY2017 Program Request
1	6R	Arlington	Lee Highway Corridor ITS Enhancements (New)	Des, Eng, ROW, Con	\$3,000,000
10	3M	Fairfax	Route 28 Widening (PWC Line to Route 29) (Continuation)	Des, Eng, Env, ROW, Con	\$5,000,000
23	3Q	VRE	VRE Manassas Park Station Parking Expansion (Continuation)	Des, Eng, Env	\$2,000,000
11	5D	Fairfax	Route 286 Fairfax County Parkway Widening (Route 123 to Route 29) (Continuation/New)	ROW	\$10,000,000
15	3N	Prince William	Widen Route 28 to Six Lanes (Route 234 to Linton Hall Road) (Continuation)	Con	\$10,000,000
24	8FF	WMATA	Metrorail Blue Line Traction Power Upgrades (New)	Eng, Con	\$17,443,951
9	1S	Fairfax	Route 7 Widening Phase I (Colvin Forest Dr to Jarrett Valley Dr) (New)	ROW	\$10,000,000
7	6T	Fairfax	I-66/Route 28 Interchange Improvements (New)	Des, Eng, Env, ROW, Con	\$370,000,000
17	8DD	Alexandria	Potomac Yard Metrorail Station (Continuation)	Des, Con (Des-Build)	\$66,000,000
					\$493,443,951

NVTA Staff Recommendations

- At this time, NVTA staff recommends 9 projects be included in the draft FY2017 Program (total request \$493,443,951)
- \$226,743,951 million greater than estimated available PayGo funds
- All 24 projects included on project list for public comment
- NVTA staff recommendations may subsequently change arising from:
 - New data and/or revised evaluation
 - Public comments and/or Public Hearing testimony
 - CTB and/or NVTC project selection decisions
- Two projects that scored well for CRRC are not recommended at this time as they are currently recommended under HB 2--may need to revisit once FY2017-FY2022 Six Year Improvement Program is adopted.



Next Steps

- May:
 - Public comment period (5/13 – 6/17);
 - Jurisdictions host Town Hall meetings (optional);
 - Finance Committee receives initial briefing on PayGo and debt capacity (5/19)
- June:
 - Public Hearing (6/9);
 - CTB adopts Six Year Improvement Program (6/14);
 - Finance Committee (6/16);
 - NVTa staff present updated project evaluations to PPC (7/1).
- July:
 - NVTa adopts FY2017 Program (7/14).





NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

PLANNING AND PROGRAMMING COMMITTEE

MEMORANDUM

FOR: Members, Northern Virginia Transportation Authority

FROM: Chairman Martin E. Nohe

DATE: May 6, 2016

SUBJECT: Approval of Release of Project List for the Draft FY2017 Program for Public Comment

- 1. Purpose.** To seek Northern Virginia Transportation Authority (NVTa) approval of the NVTa's Planning and Programming Committee (PPC) recommendation to release the project list for the draft FY2017 Program for public comment. This will enable NVTa staff to finalize necessary actions to commence the public comment process for the FY2017 Program (detailed below).
- 2. Suggested Motion:** *I move approval to advance all 24 projects under consideration for the draft FY2017 Program for public comment.*
- 3. Background.** The Call for Projects for the FY2017 Program was issued on September 28, 2015, with a deadline for responses of November 30, 2015. Twenty-five candidate projects were submitted by 11 jurisdictions and agencies, although one project was subsequently withdrawn. Funding requests for the remaining 24 candidate projects total \$667,949,000. The current estimate for available revenues for the FY2017 Program is \$266.7 million in PayGo funds, with the option for additional finance.

At its meeting on December 10, 2015, the Authority authorized the list of 24 projects be submitted to VDOT to enable HB 599 evaluations to commence, thereby formally initiating the project selection process using the criteria and weightings approved by the Authority at its meeting on November 12, 2015.

At its April 28, 2016 meeting, the Authority approved June 9, 2016, which is the evening of a regularly scheduled Authority meeting, as the date for the public hearing on the draft FY2017 Program.

At its May 4, 2016 meeting, the PPC recommended approval to advance all 24 projects under consideration for inclusion in the draft FY2017 Program, for public comment. The PPC also recommended that the NVTa staff make refinements to the staff recommendation

on projects to be funded in the FY2017 Program and present it at the May 12, 2016 Authority meeting. .

- 4. Next Steps.** Subject to the NVTa approval to release the project list for the draft FY2017 Program for public comment, NVTa staff will finalize necessary actions to commence the public comment process for the FY2017 Program. These include posting of all public comment materials to the NVTa website, printing public comment materials for on-site review, media release, eblast, social media updates, providing public outreach materials to jurisdictions/agencies and other public engagement activities.

The public comment period will start on May 13, 2016 and continue through 5:00 pm on June 17, 2016, with the Public Hearing on June 9, 2016. In addition to the Public Hearing, comments may be submitted in writing, via telephone at 703-642-4652, and by email at FY2017Program@TheNoVaAuthority.org.

There will also be an opportunity to attend one of several Town Halls that are scheduled on the draft FY 2017 Program throughout the region. The Town Hall information is noted below:

- Arlington County on June 2, 2016, Arlington County Board Room
- Fairfax County-
 - Chairman Bulova: June 15 at the Government Center (Rooms 9/10) start time: 6:30-8:30 pm
 - Supervisor McKay – June 1 – South County Government (2nd floor) start time: 6:30-8:30 pm
 - Supervisor Foust – May 26 – Lake Anne Elementary School (cafeteria) start time: 6:30-8:30 pm
- Prince William County, jointly with the Cities of Manassas and Manassas Park (details to be confirmed)
- City of Alexandria on Wednesday, May 18, 7pm, Alexandria City Hall, Council Work Room (Second Floor)

The format of the Public Hearing is as follows:

- Open House—there will be an Open House from 6:00pm-7:00pm, during which regional transportation planners will be on hand to answer questions about the project list.
- Presentation—at 7:00pm, Chairman Nohe will give a presentation outlining the Authority's planning, prioritizing and funding selection process. Public testimony will follow immediately after the presentation.

The next meeting of the PPC will be held on Tuesday, June 28, 2016 to review a summary of the public comments received on the 24 projects released for public comment and consider the revised NVTa staff recommendation of projects to be included in the FY2017 Program.

The PPC will also be asked to make a recommendation to the Authority to adopt the FY2017 Program at the Authority's meeting on July 14, 2016.

Coordination: Members, NVTAP Planning and Programming Committee

Attachment: Candidate Projects for Draft FY2017 Program

24 Candidate Projects for the NVTA Draft FY2017 Program

Project ID	Jurisdiction/ Agency	Project Title	FY2017 NVTA Funding Request	Total Project Cost	Phase Funded*	CRRC**		NVTA	
						Ratio	Rank	Quantitative Score	Rank
6R	Arlington	Lee Highway Corridor Intelligent Transportation System Enhancements	\$ 3,000,000	\$ 3,000,000	Des, Eng, ROW, Con	1.56	1	51.08	7
3M	Fairfax	Route 28 Widening: Prince William County Line to Route 29	\$ 5,000,000	\$ 68,910,000	Des, Eng, Env, ROW, Con	0.52	2	65.34	5
3P	Manassas	Sudley Road Westbound Third Lane: Godwin Drive to Dorsey Circle	\$ 7,400,000	\$ 7,400,000	Des, Eng, Env, ROW, Con	0.40	3	37.07	23
3Q	VRE	Manassas Park Station Parking Expansion	\$ 2,000,000	\$ 19,600,000	Eng, Env, Des	0.40	3	33.33	24
6W	Falls Church	Bikeshare Connections to Orange and Silver Line Metrorail Stations	\$ 2,000,000	\$ 2,000,000	Des, Eng, ROW, Con, Acq	0.36	5	47.66	12
5D	Fairfax	Route 286 Fairfax County Parkway Widening: Route 123 to Route 29	\$ 10,000,000	\$ 82,400,000	ROW	0.33	6	49.22	9
3N	Prince William	Route 28 Widening: Route 234 Bypass to Linton Hall Road	\$ 10,000,000	\$ 28,774,000	Con	0.32	7	47.20	15
9P	Fairfax	Connector Buses (11 New)	\$ 5,500,000	\$ 5,500,000	Acq	0.30	8	40.18	19
8BB	Prince William	Route 1 Widening: Featherstone Road to Marys Way	\$ 11,000,000	\$ 85,725,114	Con	0.26	9	58.36	6
8FF	WMATA	Blue Line Traction Power Upgrades	\$ 17,443,951	\$ 88,625,564	Eng, Con	0.25	10	65.61	4
1S	Fairfax	Route 7 Widening: Colvin Forest Drive to Jarrett Valley Drive	\$ 10,000,000	\$135,900,000	ROW	0.18	11	66.24	2
6T	Fairfax	I-66/Route 28 Interchange Improvements	\$370,000,000	\$385,000,000	Des, Eng, Env, ROW, Con	0.16	12	73.57	1
7D	Fairfax	Braddock Road HOV Widening: Burke Lake Road to I-495	\$ 6,200,000	\$ 62,300,000	Des, Eng, Env	0.14	13	40.62	18
8Y	Arlington	Crystal City Streets: 12th Street Transitway, Clark/Bell Realignment & Intersection Improvements	\$ 11,600,000	\$ 11,600,000	Des, Eng, Env, Con	0.13	14	48.74	11
8EE	Dumfries	Route 1 (Fraleigh Blvd) Widening: Brady's Hill Road to Dumfries Road	\$ 16,500,000	\$168,766,000	ROW	0.13	14	47.47	13
6S	Arlington	East Falls Church Regional Connections and Access	\$ 6,500,000	\$ 6,500,000	Des, Eng, Env, Con, Acq	0.12	16	49.32	8
8DD	Alexandria	Potomac Yard Metrorail Station	\$ 66,000,000	\$287,484,000	Des, Con (Design-Build)	0.08	17	66.20	3
8CC	Alexandria	West End Transitway	\$ 7,000,000	\$142,414,938	Des, Eng	0.05	18	49.00	10

Project ID	Jurisdiction/ Agency	Project Title	FY2017 NVTA Funding Request	Total Project Cost	Phase Funded*	CRRC**		NVTA	
						Ratio	Rank	Quantitative Score	Rank
1U	Leesburg	Route 7 (East Market Street)/Battlefield Parkway Interchange	\$ 37,000,000	\$ 58,000,000	Con	0.05	18	43.06	16
8AA	Fairfax	Route 1 Widening: Mount Vernon Memorial Highway to Napper Road	\$ 5,000,000	\$215,000,000	Eng, ROW	0.03	20	47.46	14
6V	Prince William	Route 15 Widening: Route 55 to south of RR tracks & Construct RR Overpass	\$ 20,000,000	\$ 45,000,000	Des, ROW, Con	0.03	20	39.91	20
6U	Fairfax	Seven Corners Ring Road Improvements	\$ 5,000,000	\$ 52,100,000	Des, Eng, Env, ROW	0.03	20	39.05	21
8Z	Fairfax	Frontier Drive Extension & Intersection Improvements	\$ 15,000,000	\$ 84,500,000	Des, Eng, Env, ROW	0.03	20	37.79	22
1T	Herndon	East Elden Street Improvements & Widening	\$ 18,700,000	\$ 35,611,000	ROW, Con	0.01	24	42.79	17
TOTAL:			\$ 667,843,951	\$2,082,110,616					

*Des - Design; Eng - Engineering; Env - Environmental; ROW - Right of Way; Con - Construction; Acq - Acquisition

** Congestion Reduction Relative to Cost Ratio (Total Project Cost)

Detailed scoring information can be found at: <http://www.thenovaauthority.org/planning-programming/fy2017-program/>

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY
REGIONAL JURISDICTION AND AGENCY COORDINATING COMMITTEE
(TransAction Subcommittee)

MEMORANDUM

FOR: Members, Northern Virginia Transportation Authority
FROM: Monica Backmon, Executive Director
DATE: May 9, 2016
SUBJECT: TransAction Update

- 1. Purpose.** To provide a status report on the technical and public engagement activities regarding the update to TransAction. While these activities are advancing in parallel, they are closely intertwined.
- 2. Background.** This TransAction update is the first since the implementation of HB 2313 (2013). Per the legislation, the Authority can only fund regional projects that are included in its current long range transportation plan (TransAction 2040) or subsequent updates. TransAction, when adopted, will provide a multi-decadal vision for transportation improvements in Northern Virginia and will guide the development of the Authority's FY2018-23 Six Year Program. On December 10, 2015, the Authority adopted an updated vision for TransAction:

“In the 21st century, Northern Virginia will develop and sustain a multimodal transportation system that enhances quality of life and supports economic growth. Investments in the system will provide effective transportation benefits, promote areas of concentrated growth, manage both demand and capacity, and employ the best technology, joining rail, roadway, bus, air, water, pedestrian, and bicycle facilities into an interconnected network that is fiscally sustainable.”

The TransAction Subcommittee continues to provide valuable inputs to the development process.

- 3. Technical Activities.** Major accomplishments to date include foundational research on transportation planning best practices and trends that may affect future travel patterns. This research is supporting the development of the detailed technical approach.

Currently, two related efforts are underway: identification of future regional transportation

needs and development of a database of candidate regional projects that may address these needs. This update will evaluate the extent to which different ‘packages’ of projects address regional transportation needs in corridors or corridor segments. This approach will explore ways in which candidate standalone projects (ranging in scale from small to large) can be combined into multi-modal, multi-jurisdictional packages that support the adopted TransAction vision.

To enhance the robustness of this approach, alternative future scenarios are being developed to reflect a significant evolution in transportation technologies, significant changes in trip making behavior, and land use changes. Scenarios reflect possible alternate futures, but are neither predictions nor preferences for how the future may look. Up to three scenarios will be used. Scenarios currently under consideration Project packages will be evaluated using each of these scenarios, together with a base scenario reflecting the D.C. region’s travel demand model forecasts for 2040. Project packages that perform well under multiple scenarios may be considered more robust.

Finalization of current technical activities, and development of TransAction objectives and associated performance measures, is expected to conclude by early summer 2016. In the event that candidate regional projects and packages do not sufficiently address regional transportation needs, additional projects and packages will be identified during summer 2016 using a ‘top-down’ approach.

The Authority’s consultant team is currently working with Transportation Planning Board staff to incorporate the latest Round 9.0 employment, land use, and population forecasts into the TransAction update.

4. **Public Engagement Activities.** Major accomplishments to date include the Benchmark Survey, launch activities (website/social media, overview video, jurisdictional briefings), meetings with stakeholder groups, regular eBlast communications, ongoing support for jurisdictional news announcements, and media releases. The TransAction website (www.NVTATransAction.org) provides multiple opportunities for Northern Virginians to participate in the TransAction development process, such as describing transportation problems/suggesting possible solutions, participation in polls, and signing up for future information.

Currently, the first round of TransAction public engagement activities is underway, comprising five workshops and ten pop up events across Northern Virginia. To date, one workshop (City of Alexandria, in Spanish) and two pop up events (Springfest, Lorton and Tyson Plaza) have been completed. An additional two workshops and four pop up events are scheduled later in May, with the remainder scheduled in June.

This approach has already provided an opportunity for hundreds of Northern Virginians to engage with Authority and jurisdictional staff, and the TransAction consultant team on a one-on-one basis. In conjunction with ‘virtual’ engagement through the TransAction

website, this approach is providing important information for the TransAction development process.

The purpose of this first round of public engagement is to inform residents, business, and visitors about TransAction, to understand their travel patterns, and to seek their inputs (through a series of interactive activities) regarding travel in Northern Virginia. This feedback ties into current technical activities (described above) related to the identification/validation of regional transportation needs and scenario analysis.

The second round of public engagement will take place during fall 2016, with a focus on understanding prioritization factors. This will support technical activities scheduled during late fall 2016 and winter 2016/17. The Benchmark Survey will be repeated with a Tracking Survey towards the end of 2016, in part to assess how public perceptions about transportation in the region have changed over the previous year.

5. **Status.** The TransAction update remains on schedule for the release of a draft plan in spring 2017 and plan adoption in fall 2017.
6. **Next Steps.** Additional project status updates will be provided to the Authority throughout 2016 and 2017.

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

FOR: Chairman Martin E. Nohe and Members
Northern Virginia Transportation Authority

FROM: Monica Backmon, Executive Director

DATE: May 6, 2016

SUBJECT: Executive Director's Report

1. **Purpose:** To inform the Authority of items of interest not addressed in other agenda items.
2. **FY2017-2022 CMAQ Deficit:** As was stated at last week's Authority meeting, staff was notified of revised Congestion Mitigation and Air Quality (CMAQ) and Regional Surface Transportation Program (RSTP) yearly allocations. Due to the revisions, the Northern Virginia region now has a deficit of \$6,553,354 in CMAQ funds for FY2017 through FY2021.

In coordination with the Regional Jurisdiction and Agency Coordinating Committee (RJACC), staff proposed that the CMAQ deficit be addressed through deductions in the following projects:

- Arlington County Commuter Services Program (\$5,395,120);
- PRTC Western Maintenance Facility (\$127,709);
- VRE Rippon Platform Improvements (\$598,742);
- VRE Broad Run Park & Ride Garage (\$367,033); and
- VRE Quantico Parking Expansion (\$64,750).

As has been the practice in previous years when there was a deficit in CMAQ/RSTP funding, these projects will be made whole through the additional/surplus CMAQ 2.5 and/or RSTP money available to the region for the same six year period.

The CMAQ 2.5 and RSTP money remaining after these adjustments have been made will be allocated via the programming process. This process is expected to be completed in the coming weeks with proposed funding recommendations brought to the Authority at the June 9, 2016 meeting.

3. **TransAction Update Work-Sessions and Pop Ups:** Work-sessions and Pop-Up events for the update to TransAction will be held throughout the region beginning April 30, 2016. See attachment for details regarding time and locations.
4. **SPA Workshop:** A workshop on the NVT A Standard Project Agreement processes will be held on May 25, 2016 at 10:00, at the NVT A offices. The purpose of this workshop is to

review the requirements of the SPAs and accompanying appendices. The SPA workshop will follow the model of the Annual Certification (30% Funding) workshop in which member locality input was sought on how to improve administrative processes. In addition to soliciting improvements, the workshop will also benefit attendees through an increased understanding of the requirements and processes through which the NVTa complies with HB 2313. The SPA workshop is planned to support the implementation of the first six year call for projects.

5. NVTa Committee Meetings:

- a. Finance Committee:** The NVTa Finance Committee will meet on Thursday, May 19, 2016 at 1:00pm.
- b. Governance and Personnel Committee:** The NVTa Governance and Personnel Committee will meet on Thursday, May 12, 2016 at 6:00pm.
- c. Planning and Programming Committee:** The NVTa Planning and Programming Committee will meet on Wednesday, June 28, 2016 at 10:00am.

Attachments: TransAction Work-Sessions and Pop-Ups Flyer

Help Us Shape the Future of Transportation in Northern Virginia

VII ATTACHMENT

The Northern Virginia Transportation Authority (NVTa) is updating TransAction, the long-range transportation plan for Northern Virginia. It is anticipated that the long-range transportation plan will guide \$1.7 billion in regional transportation investments between FY2018 and FY2023. The goals of the plan are to:

- :: Enhance quality of life and economic strength of Northern Virginia through transportation
- :: Enable optimal use of the transportation network and leverage the existing network
- :: Reduce negative impacts of transportation on communities and the environment

It has been the NVTa's practice to update TransAction every five years. This in-depth planning process takes about two years to complete, with a draft TransAction plan expected in spring 2017.

Your input is essential to developing the best regional transportation plan. As part of its public engagement process, the NVTa is conducting Workshops and Pop-Up events throughout the region. These in-person meetings are designed to capture feedback from a broad range of participants, including those who do not typically have the opportunity to get involved.

Please join us at one of these events to give your input about how to shape the future of Northern Virginia. For more information, please visit NVTATransAction.org.



Contact

3040 Williams Drive 703 642 4652
Suite 200 703 642 5077 Fax
Fairfax, VA, 22031
TheAuthority@TheNOVAauthority.org
NVTATransAction.org

SPRING 2016 EVENTS

Workshops	Date	Event Time	Location
ESP Queen of Apostles School (in Spanish/ en Español)	May 1	9-10am	4409 Sano St Alexandria, VA 22312
Manassas Park Community Center	May 21	10am-12pm	99 Adams St Manassas Park, VA 20111
Loudoun County Senior Center at Cascades	May 24	10am-12pm	21060 Whitfield Pl Sterling, VA 20165
M 1776 in Crystal City	Jun 16	7-9pm	2231 Crystal Dr, 10th Floor Arlington, VA 22202
M Providence District Office	Jun 21	7-9pm	3001 Vaden Dr Fairfax, VA 22031

Pop Ups	Date	Event Time	Location
Springfest, Lorton	Apr 30	10am-4pm	Workhouse Arts Center 9518 Workhouse Way, Lorton
M The Plaza at Tysons Corner Center	May 7	2-4pm	1961 Chain Bridge Rd Tysons
M Bike to Work Day Market Square at Alexandria City Hall	May 20	6:30-8:30am	301 King St Alexandria
Purcellville Music and Arts Festival	May 21	2-4pm	Fireman's Field 250 S Nursery Ave, Purcellville
Rock the Block, City of Fairfax	May 27	6-8pm	Old Towne Square 3999 University Dr, Fairfax
Falls Church Memorial Day Parade and Festival	May 30	10am-2pm	Falls Church City Hall Grounds 300 Park Ave, Falls Church
Manassas Heritage Railway Festival	Jun 4	10am-3pm	Old Town Manassas Train Depot, 9431 West St, Manassas
M Ballston-MU Metrorail Station	Jun 7	5-7pm	4230 Fairfax Dr Arlington
M Wiehle-Reston Metrorail Station Plaza	Jun 8	5-7pm	1904 Reston Metro Plaza Reston
Celebrate Fairfax Fairfax Connector Booth, Upper Main St	Jun 11	10am-12pm	Fairfax County Government Center 12000 Government Center Pkwy, Fairfax

PROJECT TIMELINE

