Northern Virginia Transportation Authority The Authority for Transportation in Northern Virginia

PLANNING AND PROGRAMMING COMMITTEE

Monday, March 2, 2020, 5:00pm NVTA Office 3040 Williams Drive, Suite 200 Fairfax, Virginia 22031

AGENDA

I. Call to Order/Welcome Chair **Discussion/Information** I. **Summary Notes of June 6, 2018 Meeting** II. **CY2020 Meeting Schedule** III. FY2020-25 Six Year Program Update Mr. Jasper, Principal, Transportation Planning & Programming IV. **TransAction Update** Mr. Jasper, Principal, Transportation Planning & Programming V. **Transportation Technology Strategic Plan** Mr. Jasper, Principal, Transportation Planning & Programming VI. **NVTA Update** Ms. Backmon, Executive Director **Adjournment** VII. Adjourn

> Next Meeting: TBD NVTA Office



Northern Virginia Transportation Authority

The Authority for Transportation in Northern Virginia

PLANNING AND PROGRAMMING COMMITTEE

Thursday, June 6, 2018, 10:00 am Northern Virginia Transportation Authority 3040 Williams Drive, Suite 200 Fairfax, Virginia 22031

SUMMARY NOTES

I. Call to Order/Welcome

- Chairman Nohe called the meeting to order at 10:12 am.
- Attendees:
 - PPC Members: Chairman Nohe (Prince William County); Chairman Bulova (Fairfax County); Chair Cristol (Arlington County); Chair Randall (Loudoun County); Mayor Rishell (City of Manassas Park).
 - Authority Members and other Elected Officials: Mayor Meyer (City of Fairfax); Mayor Parrish (City of Manassas); Mayor Silberberg (City of Alexandria); Selected Black; Ms. Hynes (Governor's Appointee, CTB Member); Mr. Kolb (Governor's Appointee); Ms. Cuervo (VDOT); Council Member Smedberg (City of Alexandria); Mayor Vance, Vice Mayor Amy Marasco (Town of Hillsboro).
 - NVTA Staff: Monica Backmon (Executive Director); Keith Jasper (Principal); Carl Hampton (Investment & Debt Manager); Sarah Camille Hipp (Communications Manager); Michael Longhi (CFO); Sree Nampoothiri (Transportation Planner); Harun Rashid (Transportation Planner); Peggy Teal (Assistant Finance Officer).
 - Council of Counsels: Ellen Posner (Fairfax County); Steve McIsaac (Arlington County).
 - Staff: Sarah Crawford (Arlington County); Noelle Dominguez (Fairfax County); Bob Brown, Meseret Argaw (Loudoun County); Paolo Belita (Prince William County); Yon Lambert, Tarrence Moorer (City of Alexandria); Wendy Sanford (City of Fairfax); Christine Hoeffner, Mark Schofield (VRE); Paul Gilbert (NOVA Parks); Dan Goldfarb (NVTC).
 - o **Other:** Stewart Schwartz (Coalition for Smarter Growth)

Action

II. Approve Summary Notes of March 28, 2018 PPC Meeting

• The March 28, 2018 Planning and Programming Committee meeting summary was unanimously approved.

III. Draft FY 2018-2023 Six Year Program

- Ms. Backmon presented the NVTA staff recommendation for the FY2018-2023 Six Year Program. She reminded the members project selection criteria that included:
 - o Eligibility (included in TransAction and primary location in NOVA),
 - o Congestion reduction relative to cost (CRRC) ratio,
 - o TransAction project ratings,
 - o Qualitative considerations, and,
 - o Public comments.
- Ms. Backmon gave an overview of the public engagement process (Open House/Public Hearing, jurisdictional town hall meetings/briefings, pop up events, and social media) and the public comments received (website, emails, mail). NVTA received comments from a total of more than 1,200 citizens/organizations including 62 testimonies at the public hearing, comments from more than 800 citizens/organizations, and other sources. Approximately 85 percent of all comments addressed nine projects.
- Ms. Backmon informed the Committee that sponsors provided updates to specifics of 11 projects during the evaluation process. These included reduced funding request, update to ongoing project activities, revised project schedule, etc.
- Ms. Backmon reminded the Committee about the modal and geographic distribution of requested project funding.
- Ms. Backmon presented the staff recommendations that gave priority to CRRC ratio but also considered other factors mentioned in the selection criteria. The recommendation utilizes the full \$1.285 billion PayGo funds available for the Six year Program. She encouraged jurisdictions to submit projects that received partial or no funding to SmartScale process, which is underway.
- Ms. Backmon informed the Committee that the Planning Coordination Advisory Committee (PCAC) and Technical Advisory Committee (TAC) have already endorsed staff recommendations as it is.
- Ms. Backmon reminded the Committee that the next SYP update will start in July 2019 with Call for Regional Transportation Projects with an anticipated adoption in June 2020.
- Ms. Backmon went through the recommended list and explained the rationale for full, partial or no funding for each project.
- In response to Chair Cristol's question on additional revenue for future SYPs, Ms. Backmon informed that it could potentially include funds from any de-allocation of funded projects.
- In response to Chair Bulova's request for explaining the color-coding in the recommended project list, Ms. Backmon noted that green represents full funding, yellow partial funding, and orange no funding due to either the project getting other funds, not requiring funds at this time, or not recommended for funding. She added that for example, Route 28 Widening project (ID 2018-019-0) received Route 28 Tax District funds and do not require funds from NVTA at this time. Shirely Gate Road Extension project (ID 2018-020-0) on the other hand cannot begin until the Fairfax County Parkway Widening project (ID 2018-016-2) is substantially completed.

- Mayor Silberberg requested the Committee to take a second look at the West End Transitway funding as that is the top priority for the City among the project applications though the City's top focus currently is Potomac Yard.
- Chairman Nohe noted that the staff recommendation utilized the full available PayGo amount and therefore, any additional funding could happen only if we take away funds from another project.
- Committee Members and other NVTA members present applauded the full funding for the Route 9 Traffic Calming project.
- Committee Members and other NVTA members present commented that the SYP evaluation and project selection process including the public engagement process was very thoughtful and commended the staff for their work.
- Chair Bulova moved a motion to accept the staff recommendation, supported by Chair Randall.
- Mayor Meyer requested to amend the recommendation by moving \$5 million from the City's Jermantown Road Corridor Improvements project (ID 2018-046-0) in the outer years to the City's second priority project Old Lee Highway Multimodal Improvements project (ID 2018-048-0). He explained that the funding situation for the Old Lee Highway project has changed since it has received \$5 million in Revenue Sharing and this adjustment would provide the matching funds for the project and the project can move ahead while utilizing the Revenue Sharing funds. Chair Bulova and Chair Randall accepted the amendment.
- Chairman Nohe requested to amend the recommendation by moving \$11 million from the County's Construct Interchange at Prince William Parkway and Clover Hill Road (ID 2018-039-0) to another County project Summit School Road Extension and Telegraph Road Widening project (ID 2018-036-0). He explained that while the grade separation at Clover Hill is important, there are four such project within a relatively short segment of Prince William Parkway and constructing all of them simultaneously may not physically be possible. On the other hand, the Summit School Road project is critical in providing a better connection to the largest commuter parking lot in the Commonwealth, which also provides a high number of commuter buses currently and will increase with the Transform 66 project. In response to Mayor Parrish's question on the funding gap that will be created by this move, Chairman Nohe noted that the County will be applying to SmartScale. Chair Bulova and Chair Randall accepted the amendment.
- Chair Cristol and Mayor Silberberg noted that there should be a renewed focus on projects that can reduce single occupancy vehicles and increase transit usage in the new constrained funding situation since the legal requirement solely focus on congestion reduction.
- Chairman Nohe confirmed that the motion to accept the staff recommendation with four different amendments (reduce funding on two projects and increase funding on two other projects) and recommend the Authority the same. He requested the NVTA staff to evaluate the four changes and provide any additional information that may adversely impact the two projects from which the funds are removed.
- The motion moved by Chair Bulova, supported by Chair Randall, with four amendments as described above, was passed unanimously.
- Ms. Backmon noted that the three-year TransAction update process flowed right into the inaugural SYP process and thanked the Authority support and support from jurisdiction and agency staff throughout the process.

Discussion/Information

IV. NVTA Update

• Ms. Backmon informed the members that the next Authority meeting is scheduled on June 14th.

Adjournment

V. Adjourn

• The meeting adjourned at 11:30 am.



Troiting Transportation Tuttionty	DDAET EAD DISCUSSION ANDV	
FY2020-25 Six Year Program Candidate Projects: Preliminary Quantitative and Qualitative Evaluations	DRAFT FOR DISCUSSION ONLY	2/24/2020
112020-25 Six Teal 110grain Candidate 110jects: 11ellillillary Qualitative and Qualitative Evaluations		2,24,2020

Application Jurisdiction / Agenc	Project Projects. Premimary C	Primary and		Cumulative	Total project cost		Phases for which	Funding gap and	Local priority	External funds			rmance (% of	Reimbursement reque		Year of	Long Term	Other 1		TransAction	CRRC rating	CRRC rank
ID#		supporting modal		REQUEST		resolutions from other jurisdiction/	funds are requested	phases for which there is still a			expected funds reimbursed by FY2020 Q2)		as reimbursea b 020 Q2)	y active SPA ratio (FY202	Q2) year of expected	opening	Benefit		project rating (incl.	rating rank	(Reduction in annual person	
		components				agency board/ council		funding gap			Continue to totalistical	6		Continuation Jurisdic	ion/ drawdown			l V	HB 599)	(incl. HB 599)	•	
											Continuation Jurisdiction/ Projects Agency		n Jurisdiction/ s Agency	Projects Agency							/ Total project cost in \$1000's)	
CFX-015 City of Fairfax	Jermantown Road/Route 29 Intersection Improvements	● 太 が	\$ 700,000	\$ 700,000	\$ 1,400,000	NVTC	PE, ROW, CN	PE, ROW, CN											54.31	29	395.72	1
CFX-014 City of Fairfax		A & 50	\$ 3,540,000	\$ 4,240,000	\$ 7,500,181	FFX, NVTC	ROW, CN												53.25	32	166.47	2
PWC-024 Prince William Co		A 1. do	\$ 8,000,000	\$ 12,240,000	\$ 8,300,000	FFX	PE, ROW, CN												59.60	9	133.20	3
FFX-101 Fairfax Co	Fairfax County Parkway Widening: Lee Highway (Route 29) to Nomes Court*	A & 60	\$ 37,400,000	\$ 49,640,000	\$ 108,160,624		PE, ROW, CN											i	82.96	2	133.01	4
DMF-003 Town of Dumfries	Widen/Relocate Route 1: Brady's Hill Road to Dumfries Road (Route 234)*	A & 60	\$ 78,000,000	\$ 127,640,000	\$ 129,760,000	PWC	CN												63.64	6	59.05	5
PWC-017 Prince William Co	Prince William Parkway at Clover Hill Road Innovative Intersection*	A A	\$ 11,000,000	\$ 138,640,000	\$ 12,900,000		CN												55.06	26	54.14	6
FFX-112 Fairfax Co	Rolling Road Widening from Hunter Village Drive to Old Keene Mill	▲ 集 太 か	\$ 27,700,000	\$ 166,340,000	\$ 78,965,765		PE, ROW, CN												57.23	20	49.95	7
CFX-010 City of Fairfax	Intersection Improvements at Eaton Place/Chain Bridge Road*	# ★☆	\$ 11,600,000	\$ 177,940,000	\$ 22,380,000	NVTC.	CN	CN											58.13	14	39.42	8
ALX-014 City of Alexandria	Alexandria Duke Street Transitway*	★ %	\$ 75,000,000			NVTC, WMATA	ROW, CN, Asset Acq	Cit										Note A	65.03	5	38.98	9
PWC-016 Prince William Co		A S A	\$ 24,000,000		\$ 35,000,000		CN												63.06	7	37.08	10
CFX-011 City of Fairfax	Old Lee Highway Multimodal Improvements*	★ ●	\$ 8,000,000	\$ 284,940,000	\$ 25,000,000	NVTC	CN	CN											58.22	13	32.96	11
PWC-015 Prince William Co		A A do	\$ 50,000,000	\$ 334,940,000	, ,	FFX, CMA, CMP	CN	ROW, CN											72.96	4	30.26	12
LDN-016 Loudoun Co		A #	\$ 36,700,000	\$ 371,640,000	\$ 42,940,000		CN												50.48	40	29.39	13
ARL-015 Arlington Co	Rosslyn Multimodal Network Improvements	太如 事	\$ 11,874,000	\$ 383,514,000	\$ 11,874,000		PE, ROW, CN												58.51	12	28.78	14
LDN-019 Loudoun Co	Evergreen Mills Road Widening from Northstar Boulevard to Stone Springs Boulevard	A \$ 60	\$ 18,000,000	\$ 401,514,000	\$ 35,500,000		PE, ROW, CN											ı	53.05	35	25.41	15
VRE-011 VRE	VRE Crystal City Station Improvements*		\$ 15,800,000	\$ 417,314,000	\$ 49,940,000	ARL, NVTC, PRTC	CN												57.62	17	23.86	16
	West Falls Church Access to Transit and Multimodal Connectivity	A 00	\$ 6,900,000	\$ 424,214,000	\$ 6,900,000		PE, ROW, CN								_				54.81	27	23.48	17
NOV-002 NOVA Parks	Arlington W&OD Trail Enhancements	\$ d€	\$ 5,646,000		\$ 5,646,000		PE, CN												53.16	34	23.35	18
CFC-005 City of Falls Church		\$ 0€0	\$ 8,300,000	\$ 438,160,000	\$ 10,540,000		ROW, CN												56.18	24	20.78	19
FFX-098 Fairfax Co		₩ ★ ★ ◆ ◆	\$ 71,000,000	\$ 509,160,000	. , ,	PWC, NVTC, WMATA	,	ROW, CN										Note B	90.00	1	19.02	20
CFX-013 City of Fairfax		A 1 00	\$ 2,400,000	\$ 511,560,000	\$ 9,600,000	NVTC	ROW, CN	ROW											57.73	16	17.50	21
VRE-013 VRE	VRE Woodbridge Station Improvements	呈	\$ 2,210,000	\$ 513,770,000	, ,	PWC, NVTC, PRTC	PE	CN											58.67	11	14.63	22
PWC-025 Prince William Co	ů i	A \$ 66	\$ 8,000,000	\$ 521,770,000	\$ 80,000,000		PE	ROW, CN											54.06	30	14.19	23
RPT-002 DRPT	Franconia-Springfield Passenger Rail Bypass		\$ 100,000,000	\$ 621,770,000	\$ 334,223,132		CN												60.37	8	13.52	24
FFX-108 Fairfax Co		▲ 幕点が	\$ 183,700,000	\$ 805,470,000	\$ 372,000,000	PWC, NVTC	ROW, CN											Note C	79.93	3	13.48	25
VIE-003 Town of Vienna	Vienna Regional Bikesharing	ර %	\$ 282,400	\$ 805,752,400	\$ 282,400	FFX	PE, CN, Asset Acq												51.28	39	11.24	26
PWC-018 Prince William Co	<u> </u>	♠ ₹ ★ ♦	\$ 6,800,000		\$ 48,800,000		PE	ROW, CN											51.40	38	10.97	27
LDN-018 Loudoun Co	Braddock Road Widening from Paul VI H.S. to Bull Run Office Post Office	A 1.00	\$ 30,000,000	\$ 842,552,400	\$ 60,000,000		PE, ROW, CN												55.22	25	9.85	28
FFX-106 Fairfax Co	Soapstone Drive Extension: Sunset Hills Road to Sunrise Valley Drive	A \$ £ do	\$ 69,000,000	\$ 911,552,400	\$ 214,000,000		PE, ROW, CN												57.41	19	8.86	29
PWC-020 Prince William Co	Prince William Parkway at Old Bridge Road Intersection Improvements	# A #	\$ 30,000,000	\$ 941,552,400	\$ 30,000,000		PE, ROW, CN												52.08	37	8.43	30
LDN-017 Loudoun Co	Belmont Ridge Road Widening: Shreveport Drive to Evergreen Mills	A & 66	\$ 11,899,000	\$ 953,451,400	\$ 24,310,000		CN												52.99	36	7.44	31
ADI 010 A-1:	Road Relictor MILI Matrovail Station West 5-t*	B	ć 22.540.000	¢ 096 064 400	ć 120.000.000	NI)/TC	CN	CNI										Net-D	F7 33	24	7.22	22
ARL-019 Arlington Co	Balloton We Wet orall Station West End and	A * C 6 do	\$ 33,510,000	, , ,	\$ 130,000,000		CN ROW, CN	CN										Note D	57.22	21	7.33	32
FFX-103 Fairfax Co	·		\$ 105,000,000		\$ 140,000,000 \$ 43.000.000	NVIC	· · · · · · · · · · · · · · · · · · ·												56.34	22	6.81	33
PWC-023 Prince William Co ARL-014 Arlington Co		A A de	\$ 26,500,000	. , ., . ,	\$ 43,000,000	NI/TC	CN PE, CN												53.51 56.31	31	6.52	34 35
	CC2DCA Intermodal Connector: From Crystal City to Ronald Reagan Washington National Airport					NVIC														23	6.33	
	Interchange Improvements at Route 15 Leesburg Bypass and Edwards Ferry Road*			\$ 1,253,026,078			ROW, CN												50.00	41	3.85	36
FFX-104 Fairfax Co	Braddock Road Corridor and Intersection Improvements: Guinea Road to Ravensworth Road	A S X do	\$ 79,000,000	\$ 1,332,026,078	\$ 86,283,356		PE, ROW, CN											<u>. </u>	58.69	10	2.70	37
PWC-022 Prince William Co	. 0 0	A K do		\$ 1,338,026,078			PE	ROW, CN											53.24	33	2.01	38
ARL-017 Arlington Co	Arlington National Cemetery Wall Trail	£ 060		\$ 1,340,026,078			PE	CN											57.44	18	1.58	39
PWC-019 Prince William Co		# A A		\$ 1,350,026,078			PE	ROW, CN										I	57.94	15	1.07	40
FFX-114 Fairfax Co	·	A S & do		\$ 1,444,826,078			PE, ROW, CN												54.51	28	0.36	41
41 applications 13 applicants	TOTAL		\$ 1,444,826,078	\$ 1,444,826,078	\$ 3,796,747,458		Averag	ge performance of a	ll applications													

* Continuation project: This project has received NVTA funding in

previous cycle(s)

Modal Components

New or improved pedestrian path/trail

New or improved bicycle lane/path New or improved bus/BRT facility

Improvement/Access to Metrorail/VRE Commuter Rail

Access to Park-and-Ride facility

Transportation technology

New or improved intersection/interchange New roadway capacity and/or alignment

First symbol reflects the primary modal component,

other symbols denote supporting modal components

A Future phase 2 will include dedicated transit lanes along the entirety of the corridor.

B FFX-108 Richmond Highway Widening is a prerequisite for this project

C Prerequisite for FFX-098 Richmond Highway BRT

D Project cannot be implemented without WMATA's active involvement

Jurisdcitions/ Agencies

ARL Arlington Co FFX Fairfax Co

LDN Loudoun Co

PWC Prince William Co

ALX City of Alexandria

CFX City of Fairfax

CFC City of Falls Church

DMF Town of Dumfries LEE Town of Leesburg

VIE Town of Vienna

VRE Virginia Railway Express

RPT VA Department of Rail and Public Transportation

% drawn % drawn % drawn % drawn See definition See definition down of down of expected expected down of total down of total below#

			drawdown	drawdown							
None	Top 3	Very high	> 100%	> 100%	> 100%	> 100%	> 4	> 4	Prior to FY24	FY24-25	Less than % share of revenue
Very low	Next 3	High	>80-100%	>80-100%	>80-100%	>80-100%	>3 to 4	>3 to 4	FY24	FY26-27	
Low	All others	Medium	>60-80%	>60-80%	>60-80%	>60-80%	>2 to 3	>2 to 3	FY25	FY28-29	
Medium		Low	>40-60%	>40-60%	>40-60%	>40-60%	>1 to 2	>1 to 2		FY30-31	Approx. equal to % share of revenu
High		Very low	>20-40%	>20-40%	>20-40%	>20-40%	>0 to 1	>0 to 1			
Very high		None	0-20%	0-20%	0-20%	0-20%	0	0			Greater than % share of revenue
	_		N/A	N/A	N/A	N/Δ	N/A	N/A			N/A

Funding Gap ^ External Funds (Higher of % or \$) (Higher of % or \$) Gap> 80% or >100M Non-NVTA> 80% or >100M Gap= >60-80% or >50-100M Non-NVTA= >60-80% or >50-100M Gap= >40-60% or >10-50M Non-NVTA= >40-60% or >10-50M Gap= >20-40% or >1-10M Non-NVTA= >20-40% or >1-10M

Gap= >0-20% or upto 1M Non-NVTA= >0-20% or upto 1M Very low No external funds None No gap

Very high

High

Medium

Low

Anticipated next three SYP updates: Call Adoption 6 / 2021 6 / 2022 6 / 2023 6 / 2024 6 / 2025 6 / 2026

