



**Northern Virginia Transportation Authority**  
*The Authority for Transportation in Northern Virginia*

**PLANNING COORDINATION ADVISORY COMMITTEE**

**Wednesday, March 22, 2017, 6:30pm**

**NVTA Office**

**3040 Williams Drive, Suite 200**

**Fairfax, Virginia 22031**

**AGENDA**

- I. Call to Order/Welcome** Chairman Buona

**Action**

- II. Approve Summary Notes of January 26, 2016 Meeting**  
*Recommended Action: Approval [with abstentions  
from those who were not present]*

**Discussion/Information**

- III. Development of Six Year Program Framework** Mr. Jasper
- IV. NVTA Update** Ms. Backmon, Executive Director

**Adjournment**

- V. Adjourn**

**Next Meeting:**  
**Wednesday, April 26, 2017**  
**6:30pm NVTA Office**



# Northern Virginia Transportation Authority

*The Authority for Transportation in Northern Virginia*

## PLANNING COORDINATION ADVISORY COMMITTEE

**Thursday, January 26, 2017, 5:00 pm**

**Northern Virginia Transportation Authority**

**3040 Williams Drive, Suite 200**

**Fairfax, Virginia 22031**

## SUMMARY NOTES

### **I. Call to Order/Welcome** (absent)

Chairman Foreman

- Supervisor Ralph Buona called the meeting to order at 5:10 pm.
- Attendees:
  - **PCAC Members:** Supervisor Ralph Buona (Loudoun County); Council Member Linda Colbert (Town of Vienna), Council Member Ken Reid (Town of Leesburg); Council Member Paul Smedberg (Town of Alexandria); Supervisor Ruth Anderson (Prince William County), Board Member Libby Garvey (Arlington County); Council Member Pamela Sebesky (City of Manassas); Council Member Jeff Davidson (Town of Herndon); Council Member Karen Jimmerson (Town of Purcellville)
  - **NVTA Staff:** Monica Backmon (Executive Director); Keith Jasper (Principal, Transportation Planning and Programming); Harun Rashid (Transportation Planner)
  - **Other:** James Davenport (Prince William County); Bob Brown (Loudoun County); Kristin Calkins (Fairfax County); Mark Duceman (Town of Herndon)

## Action

### **II. Appoint Chair and Vice-Chair for CY 2017**

- In the absence of Chairman Foreman, Supervisor Buona recommended this item be deferred until the next meeting.

### **III. Meeting Summary Notes of November 17, 2017, PCAC Meeting**

- The November 17, 2017 Planning Coordination Advisory Committee meeting summary was unanimously approved, with abstentions from members not present.

### **IV. CY2017 Meeting Schedule**

- Mr. Jasper mentioned that meetings are usually scheduled for 4<sup>th</sup> Wednesday of each month at 6:30pm, except for holiday months and/or if there are any urgent issues. Supervisor Buona motioned to approve this general schedule, which was unanimously approved.

## **V. TransAction: Weighting of Performance Measures**

Mr. Jasper

- Mr. Jasper provided a brief explanation on how to allocate 100 points as weights to each performance measure, with a summary discussion on other committees' inputs to date on the matter. A handout was provided with weights for 3 goals (as assigned in the previous PCAC meeting), and weights for HB 599 measures that are equivalent to those used for the FY2017 Program. He explained how HB 599 weights were derived to have decimal precisions, and stressed that this committee is not bound to the same values as used previously.
- Following questions from Council Members Davidson and Reid, Supervisor Buona mentioned previous discussions among committee members to assign weights for each goal as follows: Goal 1 (55%); Goal 2 (25%); and Goal 3 (20%). This was a conclusion of a detailed discussion on how these weights will impact the modal balance of travel choices in the region, and how that will affect the overall project evaluation framework. Supervisor Buona stressed that the current task is to assign weights to each measure should be based on these over-arching goal weights. Mr. Jasper also mentioned that the committee's recommendation will be forwarded to the Planning and Programming Committee, which will make a consolidated recommendation to the Authority at its meeting on February 9, 2017.
- Following a robust discussion, Supervisor Buona motioned to approve the following set of weights:
  - For Goal 1, the group agreed to follow HB 599 weights (rounded), and allocate the remaining weights (12 points) among 4 non-HB599 measures. This resulted in the following set of weights to all ten measures under Goal 1 – measure 1.1.1 (9), measure 1.1.2 (5), measure 1.1.3 (7), measure 1.1.4 (5), measure 1.2.1 (9), measure 1.2.2 (9), measure 1.3.1 (3), measure 1.3.2 (3), measure 1.4.1 (2), measure 1.4.2 (3). to
  - For Goal 2 – measure 2.1.1 (10), measure 2.2.1 (6), measure 2.3.1 (7), measure 2.4.1 (2).
  - For Goal 3, as there is only one measure for this goal, measure 3.1.1 (20) was allocated the full weighting for this goal.
- This motion was unanimously approved.

## **Discussion/Information**

## **VI. Six Year Program Framework**

Mr. Jasper

- Mr. Jasper mentioned NVTa staff are seeking guidance on the transition from the current long range plan update (TransAction) to the FY2018-23 Six Year Program.

He mentioned that staff will draft a set of such questions for the committee to consider at its next meeting.

**VII. NVTa Update**

Ms. Backmon, Executive Director

- Ms. Backmon mentioned that the Authority's 2016 annual report is now published

**Adjournment**

**VIII. Adjourn**

- The meeting adjourned at 6:35 pm.

# Six-Year Program (SYP) Framework



Presentation to the  
Planning Coordination and Advisory Committee  
*March 22, 2017*

Northern Virginia  
Transportation Authority  
*The Authority for Transportation in Northern Virginia*

# What is the SYP Framework?

- Describes how TransAction (TA) and the FY2018-23 Six Year Program will be integrated;
- Describes how the FY2018-23 Six Year Program will be developed;
- Identifies roles, responsibilities, schedule, and other ‘structural’ aspects of the FY2018-23 Six Year Program;
- Incorporates Financial Principles;
- Will not include list of projects or funding allocations.

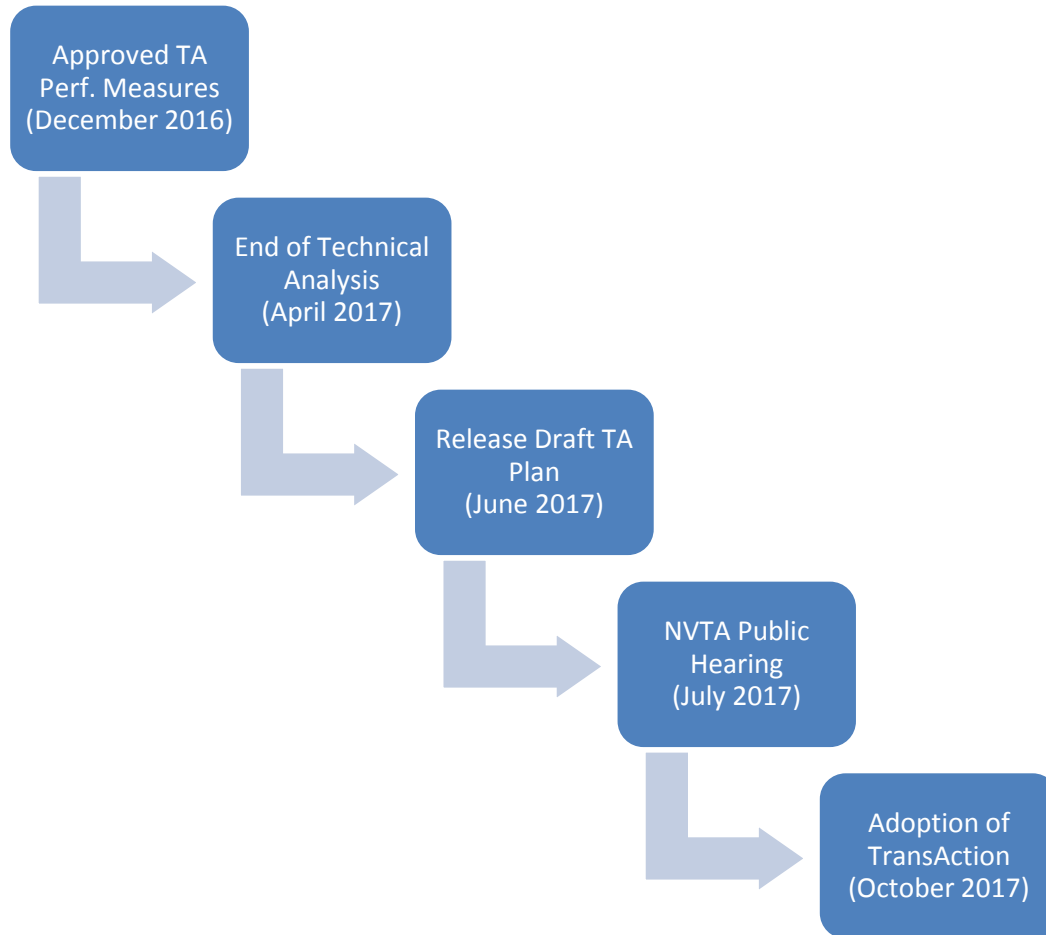


# Desired SYP Features

- Transparent and Accountable
  - No secrets or surprises;
  - Leverages cost and time efficiencies wherever possible.
- Flexible
  - Adapts to changing circumstances, e.g. financial, transportation;
  - Maximizes Regional Revenue Fund project use through proactive cash flow and investment management.
- Predictable
  - Provides multi-year funding stream;
  - Matches expected project expenditure profile or funding verification requirements.



# Key Milestones – TransAction





# Outline of TransAction Plan – 1

- Working Title: It's About (Your) Time;
- Executive Summary;
- Part I – Background:
  - Northern Virginia – the Economic Engine of the Commonwealth
  - Transportation Systems in the Northern Virginia Region
  - Future Transportation; “What’s New”
  - Public Perceptions about Transportation
- Part II – Approach:
  - Integrated Technical/Public Engagement Approach
  - TransAction (What, Why, Who, Where, When, How?)
  - Performance Based Planning
  - Important Considerations
  - Financial Plan



# Outline of TransAction Plan – 2

- Part III – Regional Transportation Needs:
  - Regional Travel Patterns/Trends
  - Travel Conditions
  - Stakeholder and Public Inputs
- Part IV – Key Findings and Recommendations:
  - Findings (including HB 599 evaluations)
  - Managing Uncertainty and Risks
  - Regional Transportation Solutions; Recommendations
- Appendices.



# TransAction Key Inputs/Outputs

- Key Inputs:
  - Approximately 700 multi-modal candidate projects ('bottom-up' and 'top-down') across 11 regional corridors/28 corridor segments;
  - Project cost estimates, regardless of funding sources;
  - MWCOG Round 9.0 forecasts, 2040 planning horizon;
  - Four 'alternate futures' for scenario (sensitivity) analysis;
  - Public engagement findings;
  - 15 weighted performance measures, including all seven HB 599 measures;
  - 2040 TransAction baseline includes fully funded projects only.
- Key Outputs:
  - Project evaluations/rankings at the corridor segment level;
  - Benefit cost analysis/rankings at the corridor segment level;
  - Scenario (sensitivity) analysis.



# TransAction: Features and Limitations

- TransAction will satisfy the analytical requirements necessary for programming of NVRTA's regional revenues until the next TransAction update:
  - NVRTA Quantitative Score/HB 599 Evaluation and Rating Process.
- TransAction will not include:
  - Congestion reduction relative to cost (CRRC) ratios for individual projects or groups of projects;
  - Qualitative considerations associated with programming recommendations and actions, e.g. leveraging of non-NVRTA funds, modal/geographic balance;
  - Feasibility and/or engineering studies of individual projects or corridors;
  - Detailed evaluation and ratings of individual projects;
  - Jurisdiction/Agency priorities.
- **TransAction alone will not be used as the basis for programming recommendations and actions.**



# Proposed SYP Features – 1

- Assuming the FY2018-23 Six Year Program is adopted in Spring 2018, subsequent updates will be adopted by:
  - Fall 2019 (FY2019-24)
  - Fall 2021 (FY2021-26)
- Updates to the SYP will accommodate:
  - Project/project phase completions;
  - Project schedule and budget adjustments (subject to NVTa policies);
  - Fluctuations in regional revenues;
  - Updated NVTa regional priorities.
- TransAction will be next updated and adopted by Fall 2022;
- Ad-hoc TransAction updates or amendments may occur under exceptional circumstances, subject to NVTa approval and the identification of an acceptable funding source.



# Proposed SYP Features – 2

- Much like jurisdictional Capital Improvement Plans (CIPs) NVTa's SYP will set an expectation for future funding of the identified projects;
- Subject to Finance Committee recommendation, the SYP will:
  - Allocate estimated revenues (PayGo) for each year of the Program
  - Use the Authority's available debt capacity for mega projects.



# Proposed SYP Features – 3

- For the FY2018-23 Six Year Program, and subsequent updates, the following process will be followed:
  - Finance Committee will affirm estimated available PayGo revenues for each year of the Six Year Program, through annual budget cycle;
  - NVTa staff brief jurisdiction and agency staff in detail on the SYP process;
  - ‘Call for Regional Projects’ (CfRP) will be issued by the Authority, with a 60-day response period;
  - Review of responses and evaluation of projects by NVTa staff during a 90-day period following the CfRP response deadline;
  - Review of NVTa staff recommendations during the following 60-day period;
  - Public Hearing during a 30-day public comment period (optional ‘Town Hall’ meetings may be scheduled by jurisdictions);
  - Adoption of the SYP, generally at the first Authority meeting following the Public Hearing.



# Proposed SYP Features – 4

- Responses to the CfRP will identify a candidate pool of regional projects focused on Northern Virginia's transportation needs;
- The requirements of the CfRP will include, as a minimum:
  - Project description, including specific link to relevant TransAction evaluation;
  - For all project phases: cost, schedule, funding requested, external funding available (with supporting documentation);
  - Any other documentation that highlights a project's regional significance, e.g. extent to which project addresses regional needs, scale of regional impacts, and multi-jurisdictional commitments;
  - Resolution of support from the Governing Body, or Governing Bodies in the case of multi-jurisdictional projects.





# Proposed SYP Features – 5

- The review of CfRP responses and evaluation of projects by NVTa staff will include, as a minimum:
  - Verification of accuracy and completeness of responses;
  - Validation of project eligibility and consistency with relevant NVTa policies;
  - Posting of a summary of responses to NVTa's website;
  - Review of relevant TransAction evaluations, including 'regional coherence', phasing, and sequencing of CfRP projects;
  - Calculation of CRRC ratios;
  - Consideration of the TransAction scenario analysis
  - Documentation of relevant qualitative considerations;
  - Development of initial recommendation, for review by NVTa's Committees;
  - Development of draft recommendation, based on feedback from NVTa's Committees, for Authority action.



# Other SYP Considerations

- Finance Committee to recommend Financial Principles addressing:
  - Proportion of estimated available PayGo funding that should be allocated in each SYP update;
  - Factors that influence the extent to which available debt capacity should be used, and when;
  - Provision for NVRTA to provide matching funds for federal grant programs.
- Finance Committee will consider new/enhanced policies related to NVRTA's programming process.



# Key Milestones – Six Year Program

