

Long Range Transportation Plan Advisory Committee (LRTP- AC) Meeting

Kick-Off Meeting

December 9, 2019
9:00 a.m.

PlanRVA

James River Board Room
9211 Forest Hill Avenue, Suite 200
Richmond, Virginia 23235

Federal Regulatory Framework

- **Code of Federal Regulation § 450.324**
Development and content of the metropolitan transportation plan
- **Code of Virginia § 33.2-3201**
Transportation planning duties and responsibilities of Metropolitan planning organizations
- **Title VI of the Civil Rights Act of 1964, and Executive Order 12898 (Environmental Justice in Minority and Low-Income Populations)**
Identify and address the disproportionately high and adverse effects, if any in the LRTP on minority and low-income populations, to the greatest extent practicable and permitted by law.

Planning Elements

- 20 plus years planning horizon
- Description of existing multimodal transportation system in the region for needs and deficiencies
- Address Ten Federal Metropolitan Transportation Planning Factors and Seven National Goals.
- Address short-term and long-term multimodal solution
- Use of validated land use data and models for future assumptions.
- Use of operational and management strategies

Financial Constrain

- Preservation of the existing infrastructure
- Develop financial projection from revenue sources
- Describe existing and proposed facilities with cost estimates.
- Multimodal capacity increases based on regional priorities and needs.

Performance Based Planning and Programming (PBPP)

- LRTP to be a goal based, need based and performance-based plan.
- Develop performance measures to monitor the progress of the overall goals and objectives. Consider Federal measures and targets.
- Develop prioritization process based on the performance measures.
- LRTP to apply a systematic review of transportation system performance – past, present and possible future – to define the regions investment priorities.
- MAP-21 Federal Performance Measures and Target report.

Input and Outreach

- Citizens
- Representatives of public transportation employees
- Freight shippers
- Private providers of transportation
- Representatives of users of public transportation
- Representatives of users of pedestrian walkways and bicycle transportation facilities
- Representatives of the elderly and individuals with disabilities
- Providers of non-emergency transportation services receiving financial assistance from a source other than title 49 U.S.C. Chapter 53 (Public Transportation)
- EJ Population
 - People with low-income
 - People of minority population
 - People with limited English proficiency (LEP)
 - People of zero car households
- Other interested parties

Consultation

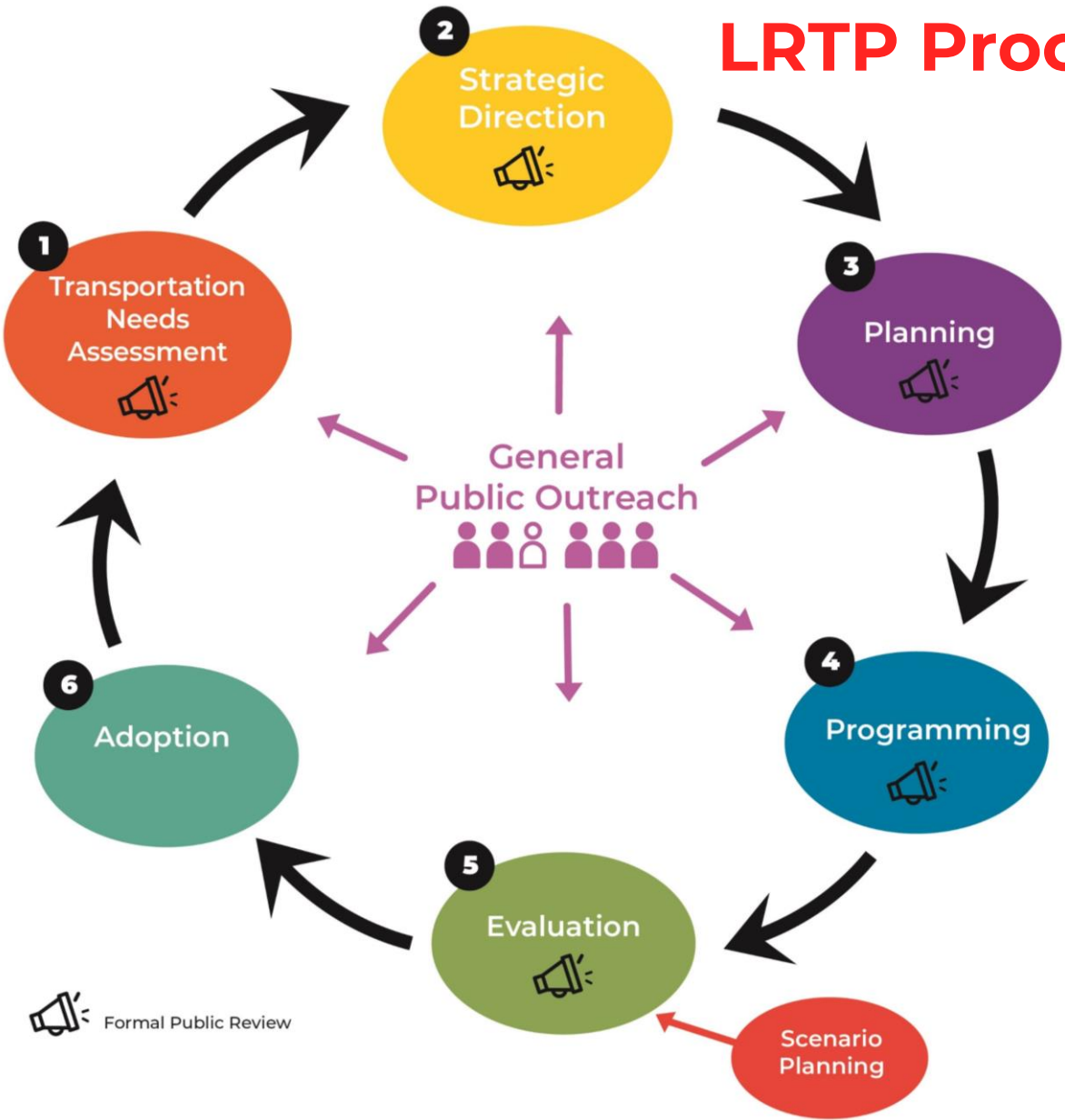
- Agencies or entities responsible for
 - Environment
 - Tourism
 - Emergency Management
 - Safety/security operations
 - Interagency consultation for Air Quality Conformity
- Tribal Government

Product

- Plan to be available in electronically accessible format
- Use of visualization techniques

L RTP Scope of Work

L RTP Process Flow



1. What are the Transportation issues to Address?

Transportation Needs Assessment

- Identify multimodal transportation needs/deficiencies - congestion, safety issues, lack of interconnectivity, operational problems, inadequate roadway capacity.
- Identify special needs to accommodate travel demand management, transportation system resiliency and economic development.
- Needs are not projects. A need can be addressed by different types of projects or/and strategies.

Work Tasks

Task 1.0 Socioeconomic Data Update and Analysis

Task 1.1 Richmond/Tri-Cities Travel Demand Model Update

Task 1.2 Transportation Needs Assessment

2. What Matters most for the Future?

Strategic Direction – Vision, Goals and Objectives

- The vision statement will describe the region’s transportation aspirations in a concise manner and provide a foundation for all other aspects of the plan.
- The goals will describe a series of desired end states for the region’s transportation system informed by the vision – and will provide foundation for objectives and measures.
- The objectives will describe specific, measurable statements that support achievement of the goals.
- The performance measures provide the technical mechanism (data) to monitor progress towards objectives, goals, and vision.

Work Tasks

Task 2.0 Vision, Goals, Objectives and Performance Measure Development

3. What are the options?

Planning

- Transportation needs and deficiencies to be converted into logical projects and broken down into different categories with anticipated project cost (capital, maintenance and operations).
- Regionally significant projects. Projection inclusion guideline
- Projects consistent with LRTP.
- Universe of projects for ranking and prioritization.

Work Tasks

Task 3.0 Development of the Universe of Regional Transportation Projects

4. How can we realistically get there?

Programming

- Development of project ranking and prioritization methodology/guideline based on established performance measures.
- Financial projections from VDOT and DRPT
- Allocation guidelines for different Time Bands
- Project scoring
- Constrained list of projects for LRTP

Work Tasks

Task 4.0 Project Selection Process & Scoring

Task 4.1 LRTP Fiscally Constrained Plan Development

5. How did we do this time and how can we do better next time?

Evaluation

- Unfunded Regional Needs
- Public Engagement and Outreach Evaluation
- Regional Performance Monitoring/Targets
- Environmental Justice Analysis
- Accessibility Analysis
- Air Quality Conformity/Interagency Consultation

Work Tasks

Task 5.0 Base Year Transportation Performance Reports and Targets

Task 5.1 Environmental Justice Analysis

Task 5.2 Accessibility Assessment

Task 5.3 Air Quality Conformity/ Interagency Consultation

6. Parallel Effort: Scenario Planning

- Scenario Planning Framework
- Scenario Development to address approved deficiencies by land use changes, investment decisions or a mix of both
- Development of performance matrix to evaluate scenarios
- Discussion on preferred scenario or common projects
- Discussion on cost and benefit on moving on to a full-fledged scenario planning process for the next LRTP update

Work Tasks

Task 6.0 Scenarios Development

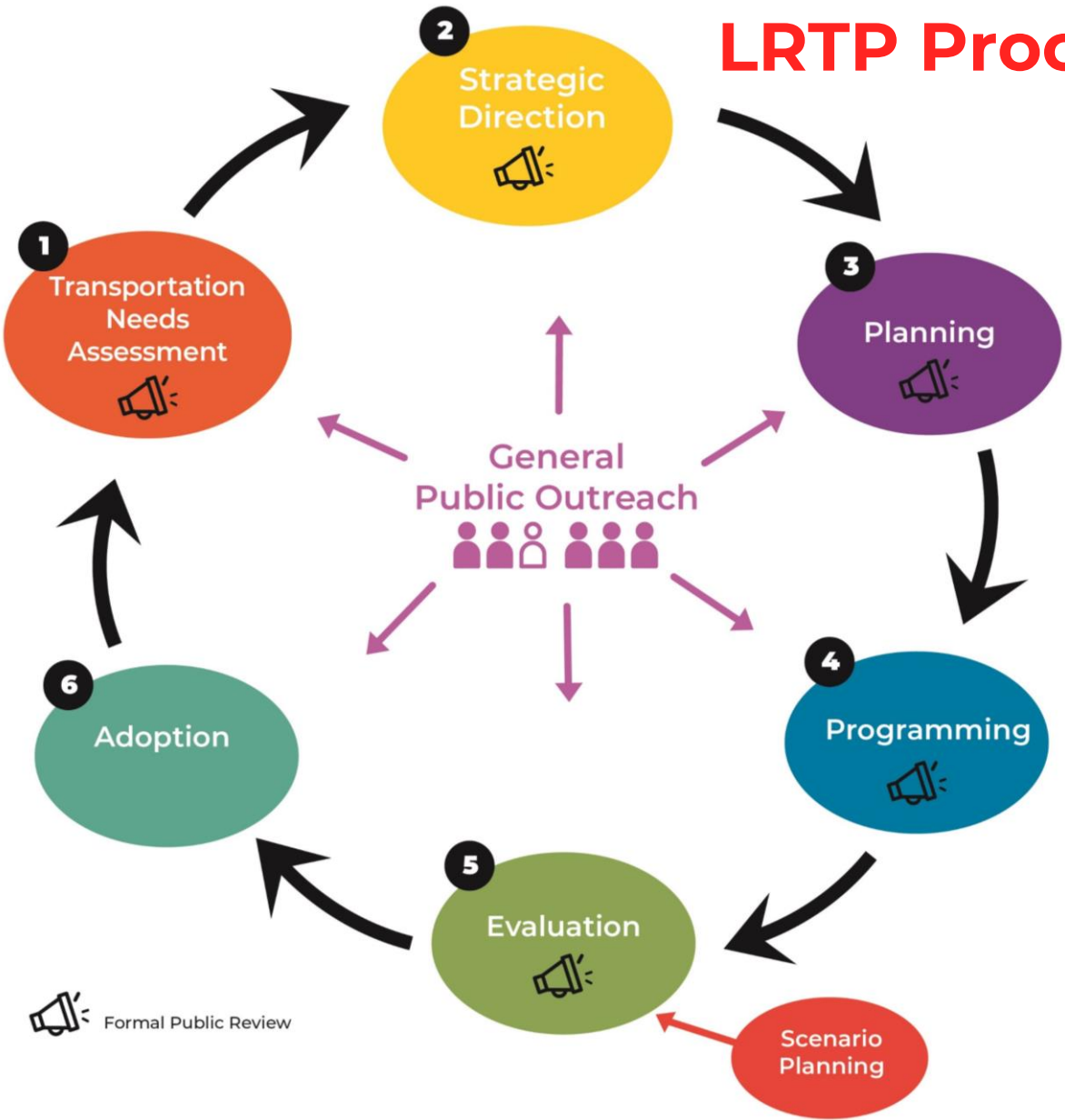
Task 6.1 Performance Matrix Development to compare Scenarios

Task 6.3 Scenario Planning Evaluation and Recommendation

7. Adoption

- Adoption of 2045 LRTP by RRTPO Policy Board - September 2021
- FHWA/ FTA Approval of 2045 LRTP - October 2021

L RTP Process Flow



L RTP Schedule and Key Milestones

L RTP Branding

Connect RVA 2045



L RTP Public Engagement Plan

Connect RVA 2045



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