

Richmond Regional
**Transportation
Planning
Organization**

SUPPORTED BY **PlanRVA**
THE REGIONAL
COMMISSION

Connect RVA 2045



Update

RRTPO Policy Board Meeting December 3, 2020

Presentation by:

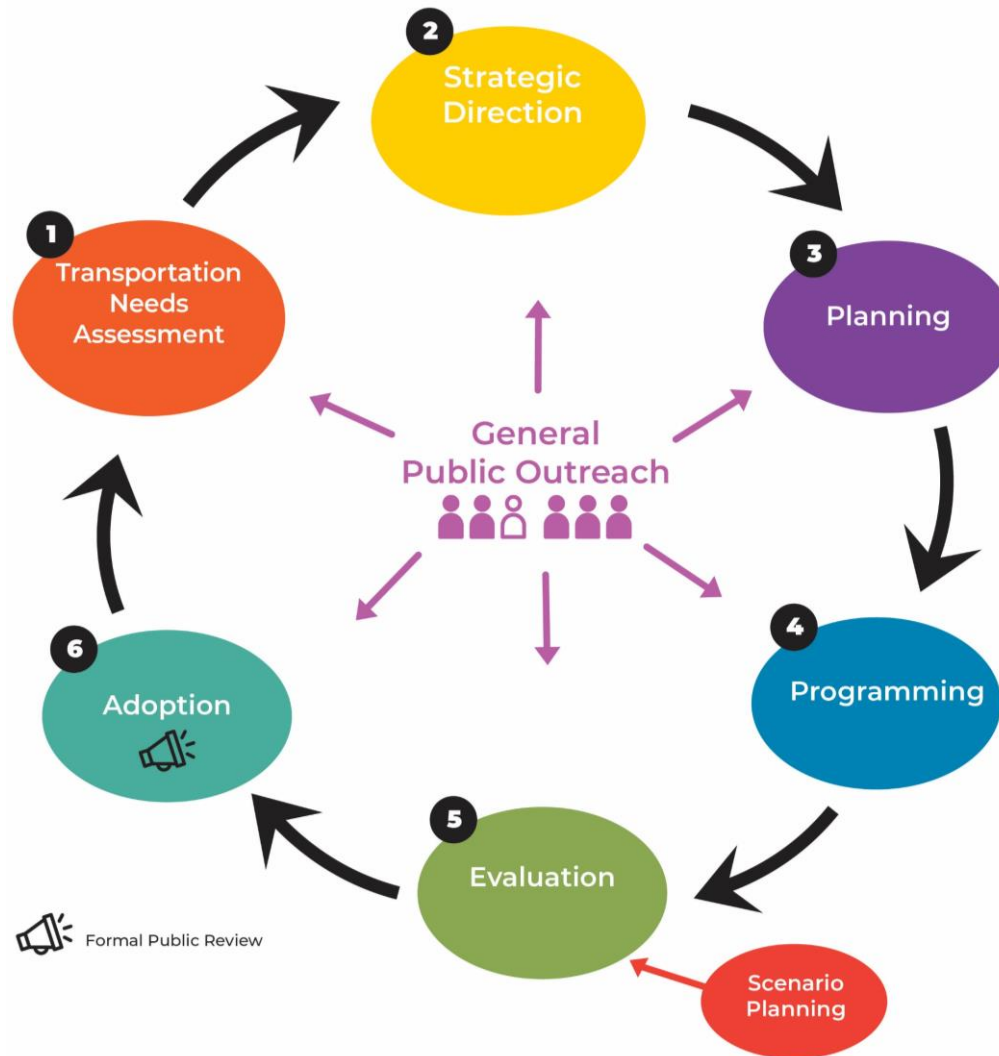
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Transportation Planning Manager

Connect- RVA 2045

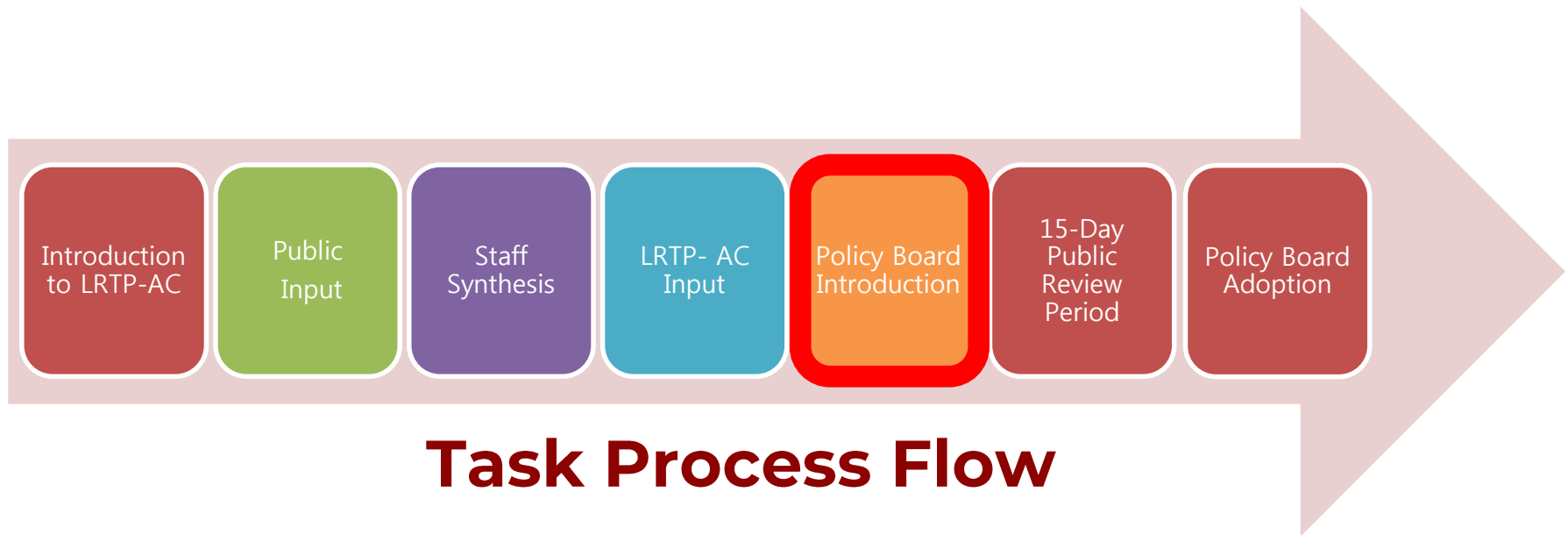
- Federally mandated Long-Range Transportation Plan for the Richmond Region
- Vision for the Next 20 years of transportation Improvement in the Richmond Region
- Includes a constrained list of projects
- Region's first Performance-Based Plan
- Spearheaded by LRTP-AC

LRTP Process Flow



Strategic Direction

Task Objective: Develop Vision and Goals for the LRTP. Also develop Objectives and performance measure within each goal which could measure the achievement towards the goal



Vision, Goals, Objectives and PM



Vision

The vision statement will describe the region's transportation aspirations in a concise manner, focus on what is important, and provide a foundation for all other aspects of the plan.

Goals

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.

Objectives

The objectives will describe specific, measurable statements that support achievement of the goals.

Performance Measures (PM)

The performance measures provide the technical mechanism (data) to monitor progress towards objectives, goals, and vision.

Goals- Federal Requirements

Address Federal Planning Factors (FAST ACT)

1. Increase the **safety** of the transportation system for motorized and non-motorized users
2. Emphasize the **preservation** of the existing transportation system
3. Promote **efficient system management and operation**
4. Support the **economic vitality** of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency
5. Protect and enhance the **environment**, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns
6. Increase **accessibility and mobility** of people and freight
7. Enhance the integration and connectivity of the transportation system, across and **between modes, for people and freight**
8. Increase the **security** of the transportation system for motorized and non-motorized users
9. Improve the **resiliency and reliability** of the transportation system and reduce or mitigate stormwater impacts of surface transportation
10. Enhance **travel and tourism**

Goals- Federal Requirements

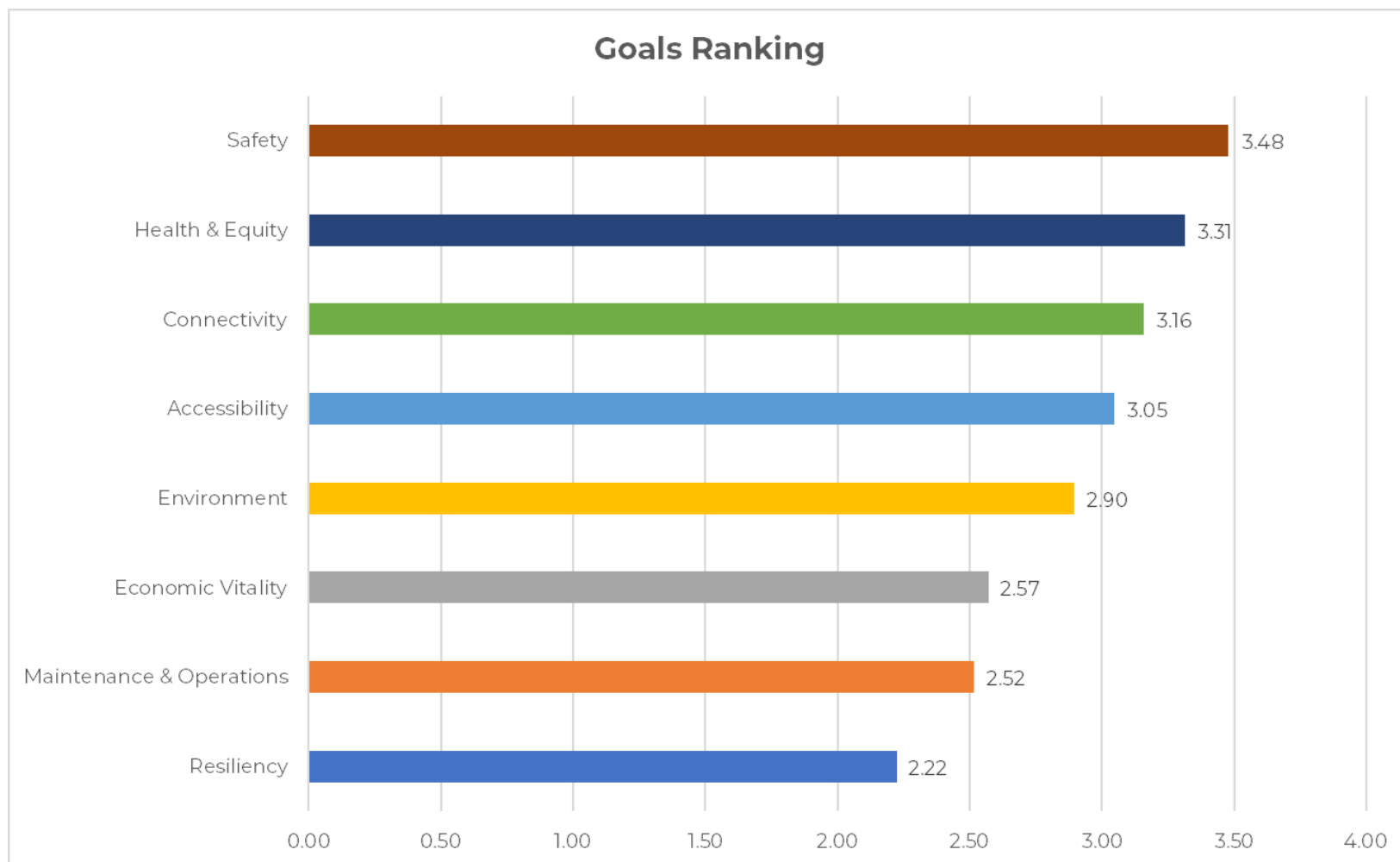
Address MAP-21 Goals

1. Safety
2. Infrastructure condition
3. Congestion reduction
4. System reliability
5. Freight movement & economic vitality
6. Environmental sustainability
7. Reduced project delivery delays

Regional Goals and Priorities Survey



Vision, Goals, and Strategies Survey

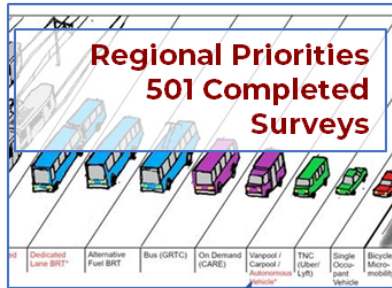


Staff Synthesis

Advisory
Committee
Vision
Buzzwords



Regional Priorities
501 Completed
Surveys



265 unique Ideas for
Vision Statements

Staff Subject
Matter Experts

Vision
Goals
Objectives
Performance
Measures

Vision & Goals
949 Completed
Surveys



Issues
Wikimap
124 locations



L RTP- AC Input

Vision

Transportation in the Richmond Region will reliably connect people, prioritize interconnected opportunities for all to thrive and live healthy lives, promote economic development, respect environmental stewardship, and support an exceptional quality of life.

Guiding Principles

1. **A safe, well-maintained and interconnected** transportation system that accommodates advances in technology.
2. **Choice among all travel options** (passenger vehicle, truck, rail, barge, air, vanpooling/carpooling, transit, bike, walk, micromobility) regionwide.
3. **Prioritize completion of regional bicycle & pedestrian networks** for the benefit of individual and community health.
4. **A transit network** which delivers comprehensive, effective service including areas of greatest need and key destinations.
5. **Equity and inclusion** in all transportation spending decisions in the region with a focus on historically disregarded communities.
6. **Efficient movement of goods** across the transportation network.
7. **Alignment of transportation investment** to land use, community health, and environmental stewardship.

Goals

1. **Safety:** Improve the safety of the transportation system for all people.
2. **Environment/Land Use:** Reduce the negative impact the transportation system has on the natural and built environment
3. **Equity/Accessibility:** Improve accessibility and mode choice for all people.
4. **Economic Development:** Improve connectivity and mobility for strong economic vitality
5. **Mobility:** Increase travel efficiency and mode choice, and maintain the transportation system in a state of good repair

Staff Recommendations

Connect RVA 2045

Vision

Transportation in the Richmond Region will reliably connect people, prioritize interconnected opportunities for all to thrive and live healthy lives, promote economic development, respect environmental stewardship, and support an exceptional quality of life.

Guiding Principles

- 1** A safe, well-maintained and interconnected transportation system that accommodates advances in technology.
- 2** Choice among all travel options (passenger vehicle, truck, rail, barge, air, vanpooling/carpooling, transit, bike, walk, micromobility) regionwide.
- 3** Prioritize completion of regional bicycle & pedestrian networks for the benefit of individual and community health.
- 4** A transit network which delivers comprehensive, effective service including areas of greatest need and key destinations.
- 5** Equity and inclusion in all transportation spending decisions in the region with a focus on historically disregarded communities.
- 6** Efficient movement of goods across the transportation network.
- 7** Alignment of transportation investment with land use, community health, and environmental stewardship.

Goals



Objectives



Safety

Improve the safety of the transportation system for all people.

- 1A. Reduce the number of crashes
- 1B. Reduce fatalities and serious injuries



Environment/Land Use

Reduce the negative impact the transportation system has on the natural and built environment.

- 2A. Address roadways prone to flooding
- 2B. Reduce transportation related pollutants
- 2C. Reduce VMT (vehicle miles traveled) per capita
- 2D. Increase number of trips traveled through active transportation modes
- 2E. Tie the land use potential to transportation investments



Equity/Accessibility

Improve accessibility and mode choice for all people.

- 3A. Reduce peak period travel times
- 3B. Reduce trip lengths for all populations with a focus on Environmental Justice (EJ) populations
- 3C. Increase access to jobs and community services via transit, walking and biking for all populations with a focus on Environmental Justice (EJ) populations



Economic Development

Improve connectivity and mobility for strong economic vitality

- 4A. Increase transportation investment which focuses on economic development
- 4B. Improve reliability of travel to and within regional activity centers
- 4C. Reduce freight bottlenecks and restrictions
- 4D. Increase multimodal access to tourist destinations



Mobility

Increase travel efficiency and mode choice, and maintain the transportation system in a state of good repair

- 5A. Increase the percent of the network that incorporates complete streets elements
- 5B. Increase system efficiency through technology-based projects
- 5C. Improve system reliability

Action Requested

RESOLVED, that the Richmond Regional Transportation Planning Organization policy board hereby authorizes a public review and comment period on the draft Vision, Guiding Principles, Goals and Objectives of the ConnectRVA 2045 plan to run from December 4, 2020, to December 18, 2020 and directs staff to take all necessary steps to facilitate this public review and comment period.

Connect RVA 2045



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