



Richmond Regional
**Transportation
Planning
Organization**

SUPPORTED BY **PlanRVA**
THE REGIONAL
COMMISSION

Connect RVA 2045



Update

**RRTPO CTAC Meeting
November 19, 2020**

Presentation by:

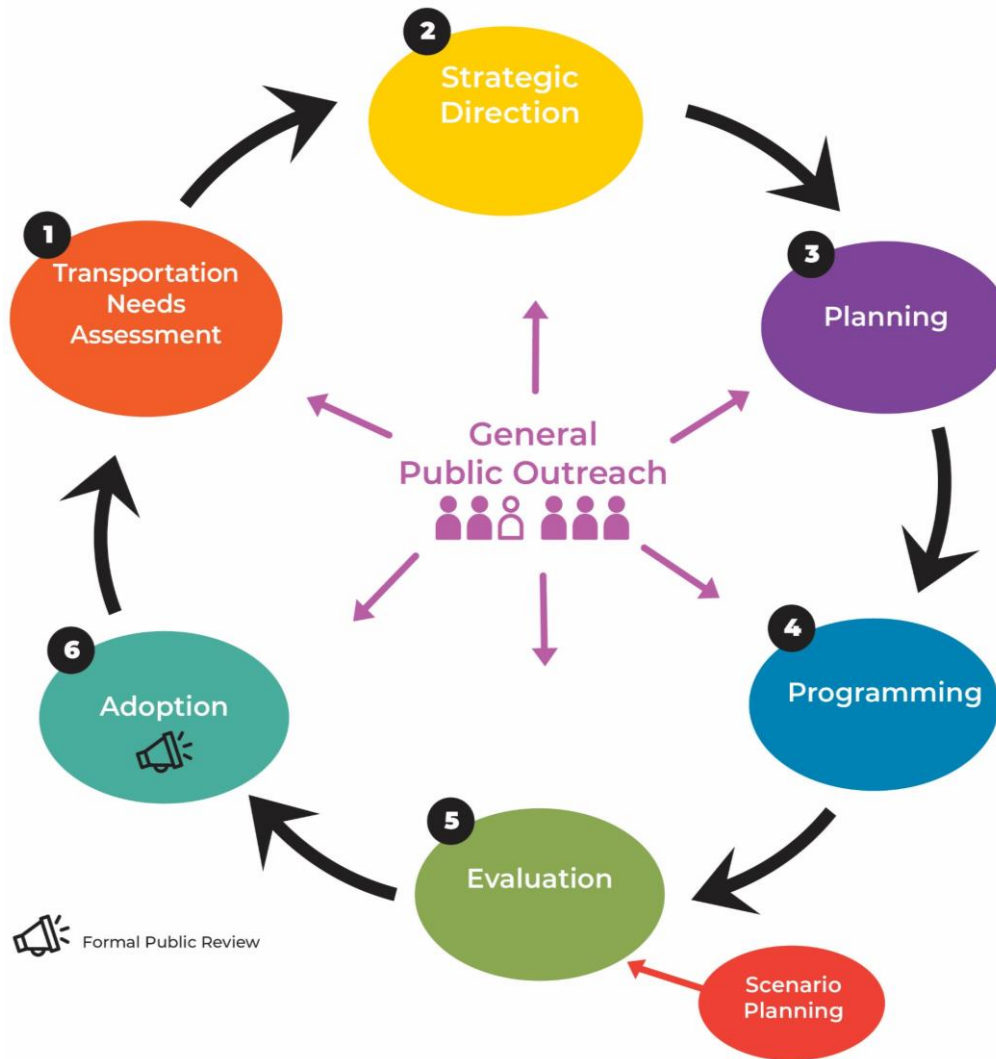
Sulabh Aryal, AICP

Transportation Planning Manager

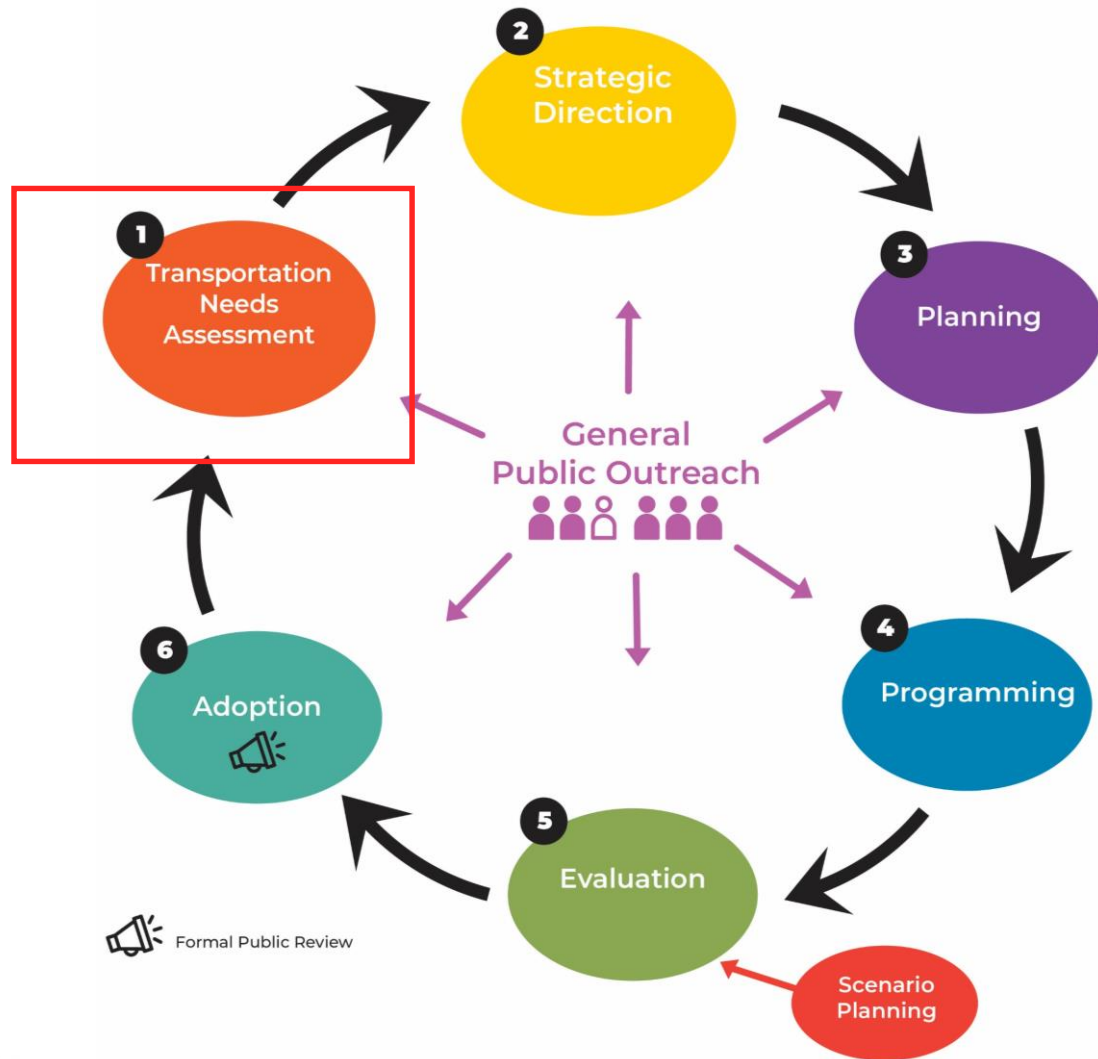
Connect- RVA 2045

- 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



1. Transportation Needs Assessment



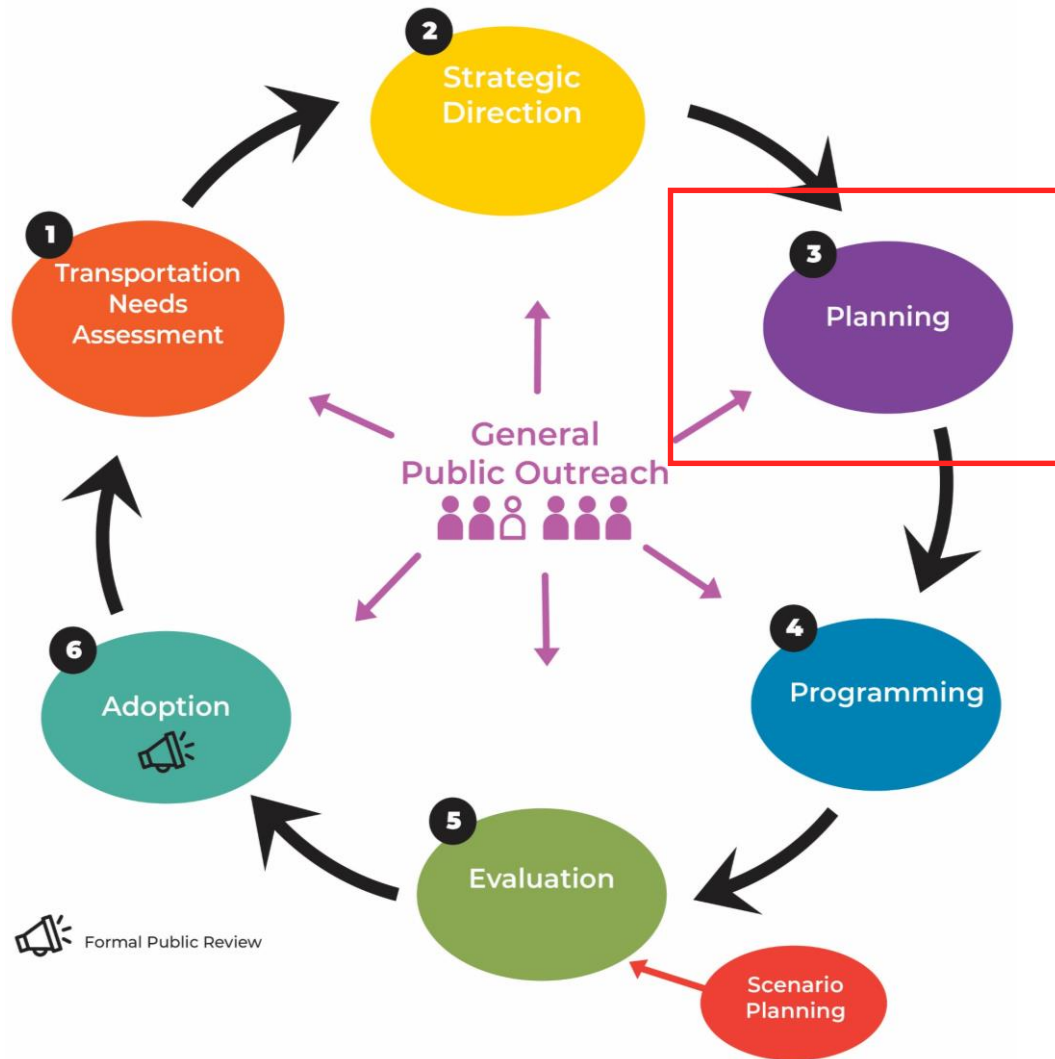
1. Transportation Needs Assessment

Identified regional and local multimodal transportation Issues based on

- ☐ Congestion
- ☐ Safety issues
- ☐ Lack of interconnectivity
- ☐ Operational problems
- ☐ Maintenance Issues
- ☐ Inadequate roadway/transit capacity
- ☐ Transit expansion
- ☐ Accessibility
- ☐ Other issues (travel demand management, transportation system resiliency and economic development, etc.)

Adopted by LRTP-AC in their May Meeting

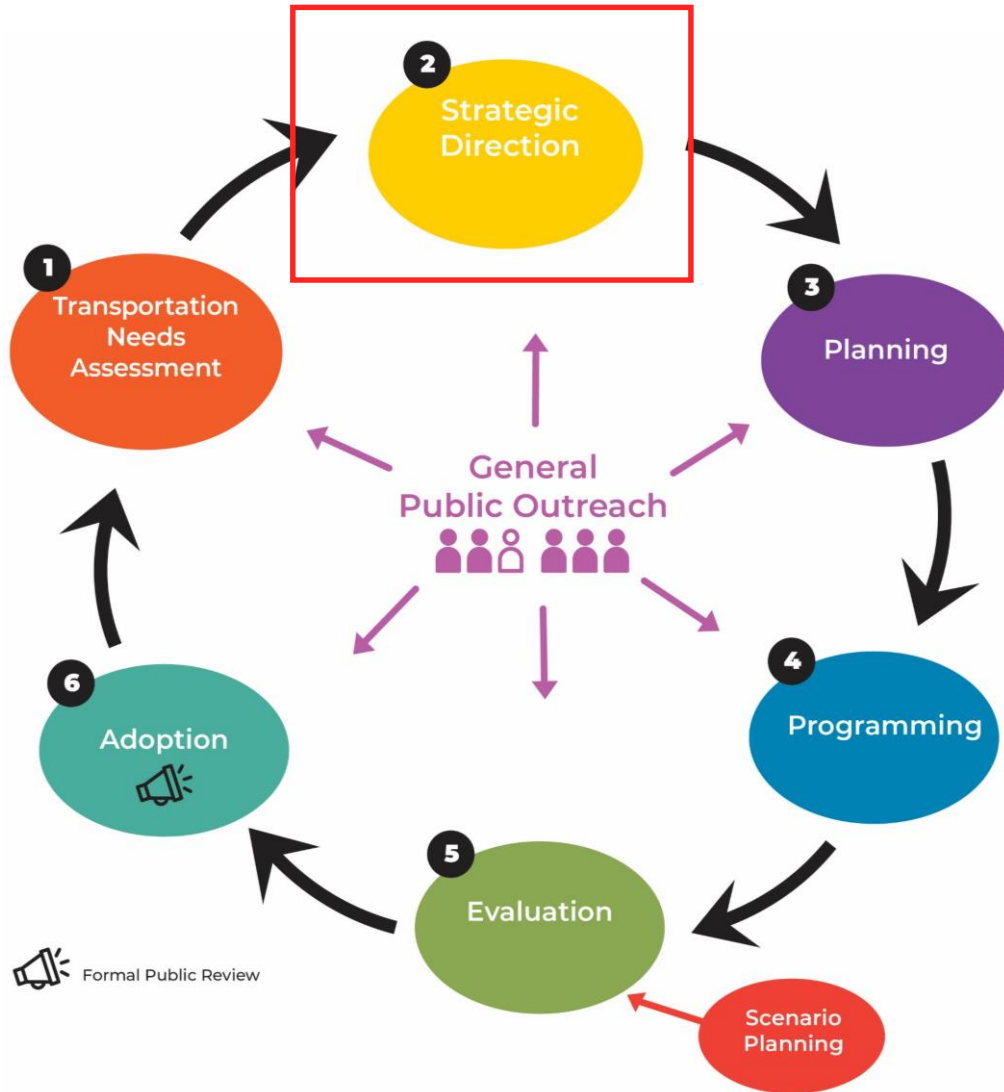
3. Planning



3. Planning

- Development of the Project Inclusion Guidelines : Distinction between Regional Projects and Programmatic & Local Projects.
- Staff started the process of screening of transportation projects.
- Staff documented projects based on transportation plans and studies recommendations.
- Staff working with Project Champions to develop the projects.
- Final Objective – Streamlined list of regional transportation projects for all transportation modes which will be called The Universe of Projects.

2.0 Strategic Direction



2.0 Strategic Direction

- Develop Vision and Goals for the LRTP.
- Also develop objectives within each goal and performance measure which could measure each objectives.
- Framework
 1. Introduction and discussion in the LRTP-AC Meeting (May, August)
 2. Public Engagement
 - Vision Input
 - Regional Goals and Priorities Survey
 - Vision, Goals and Strategies Survey
 3. Staff synthesis of the survey and development of vision goals and objectives based on public input.
 4. LRTP-AC discussion and approval
 5. 15 –Day Formal Public Review Period
 6. Policy Board Approval

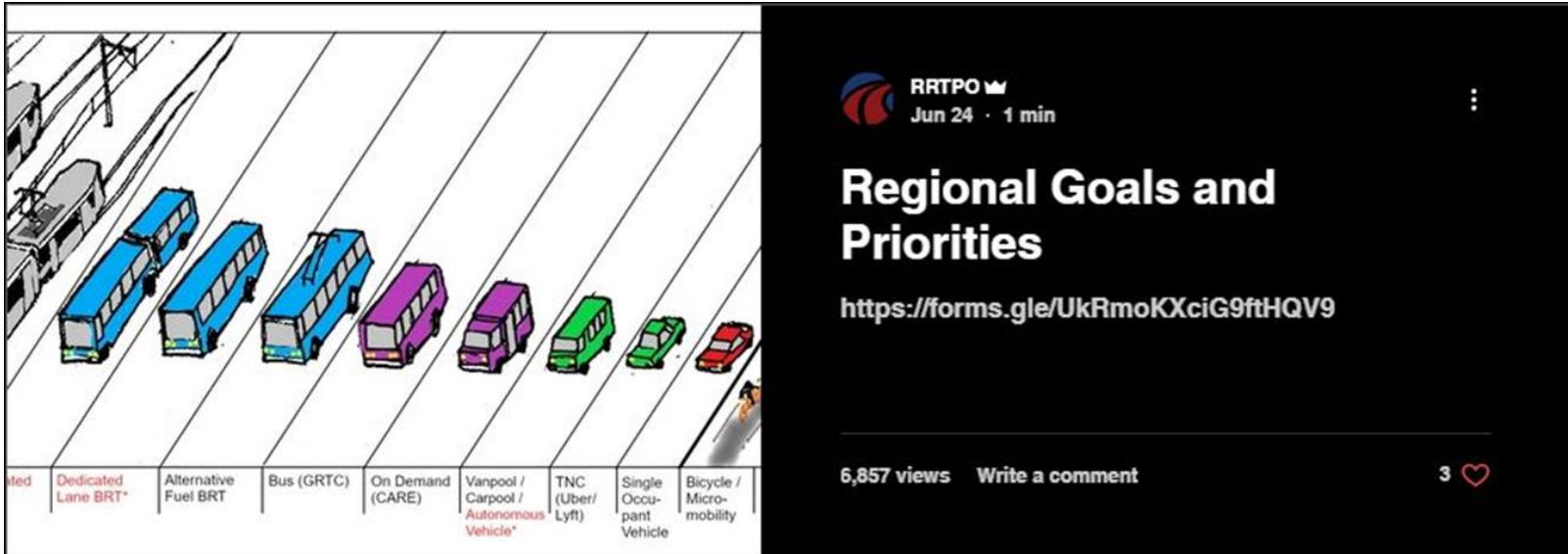
2.0 Strategic Direction

Vision Survey : Tell us about your Transportation Vision for the Richmond region in one or two words.



2.0 Strategic Direction

Regional Goals and Priorities Survey



Went Live : June 24, 2020

Closed: August 15, 2020

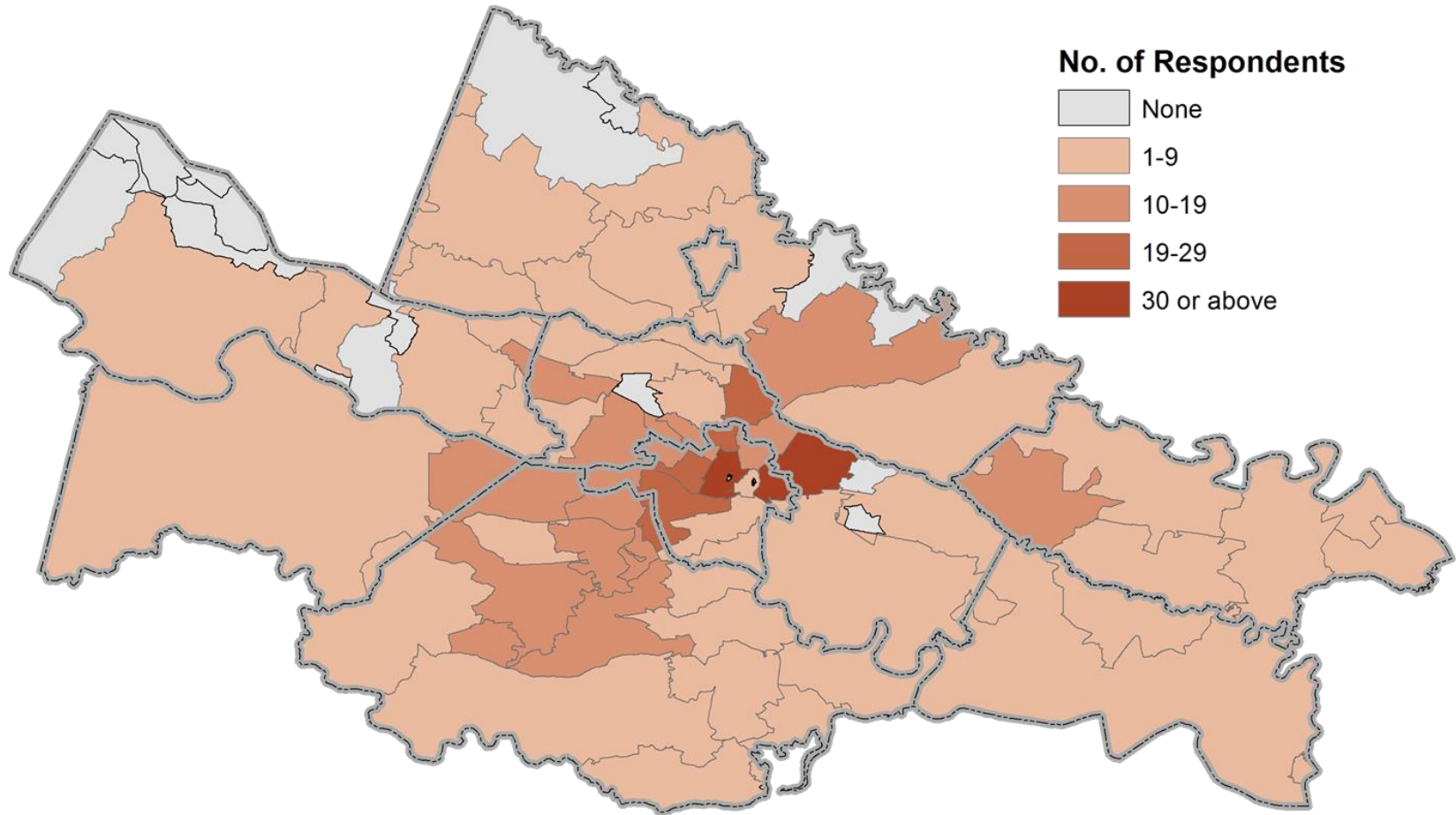
Views: 6,857

Likes: 3

Completed Survey : 501

2.0 Strategic Direction

Regional Goals and Priorities Survey : Home Location



Data By ZIP Code

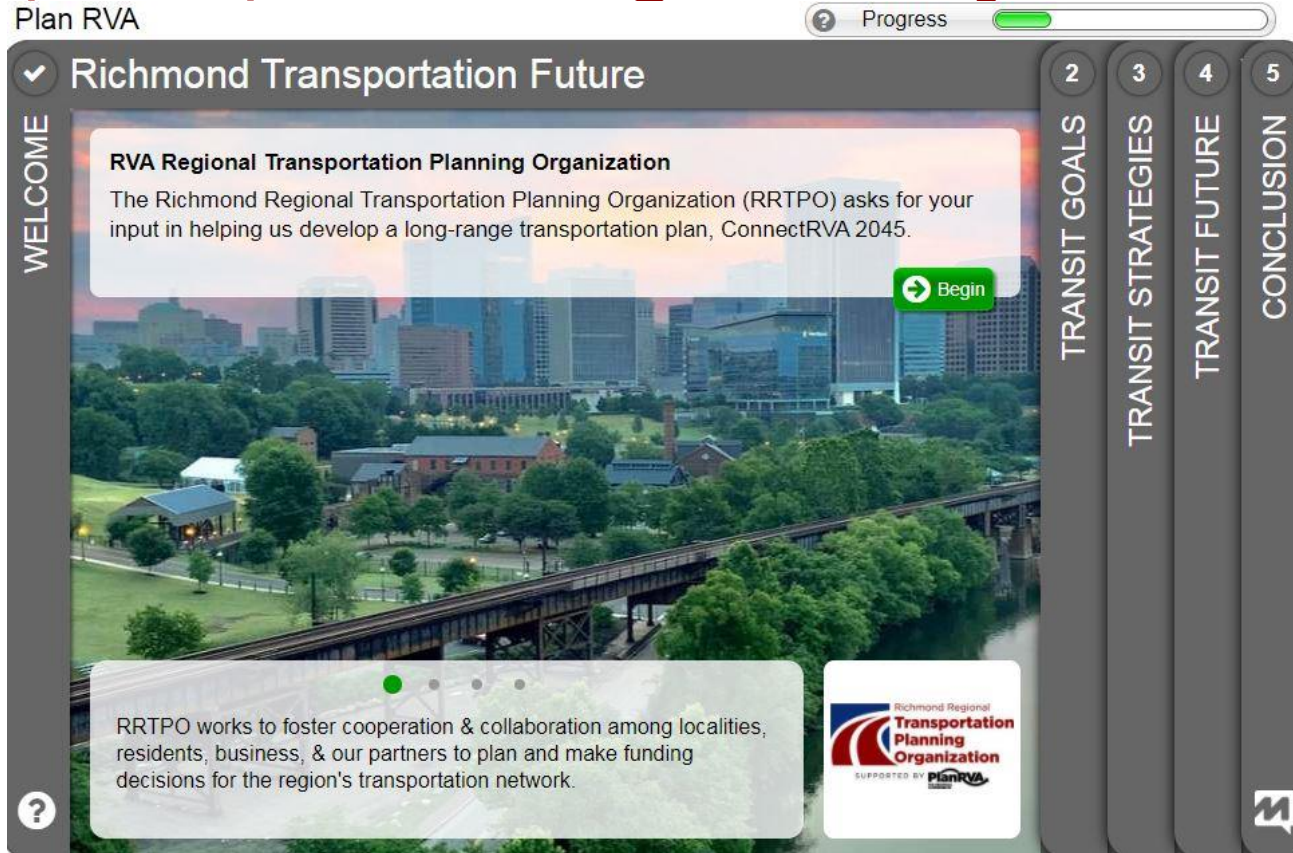
2.0 Strategic Direction

Regional Goals and Priorities Survey : Priorities Rank



2.0 Strategic Direction

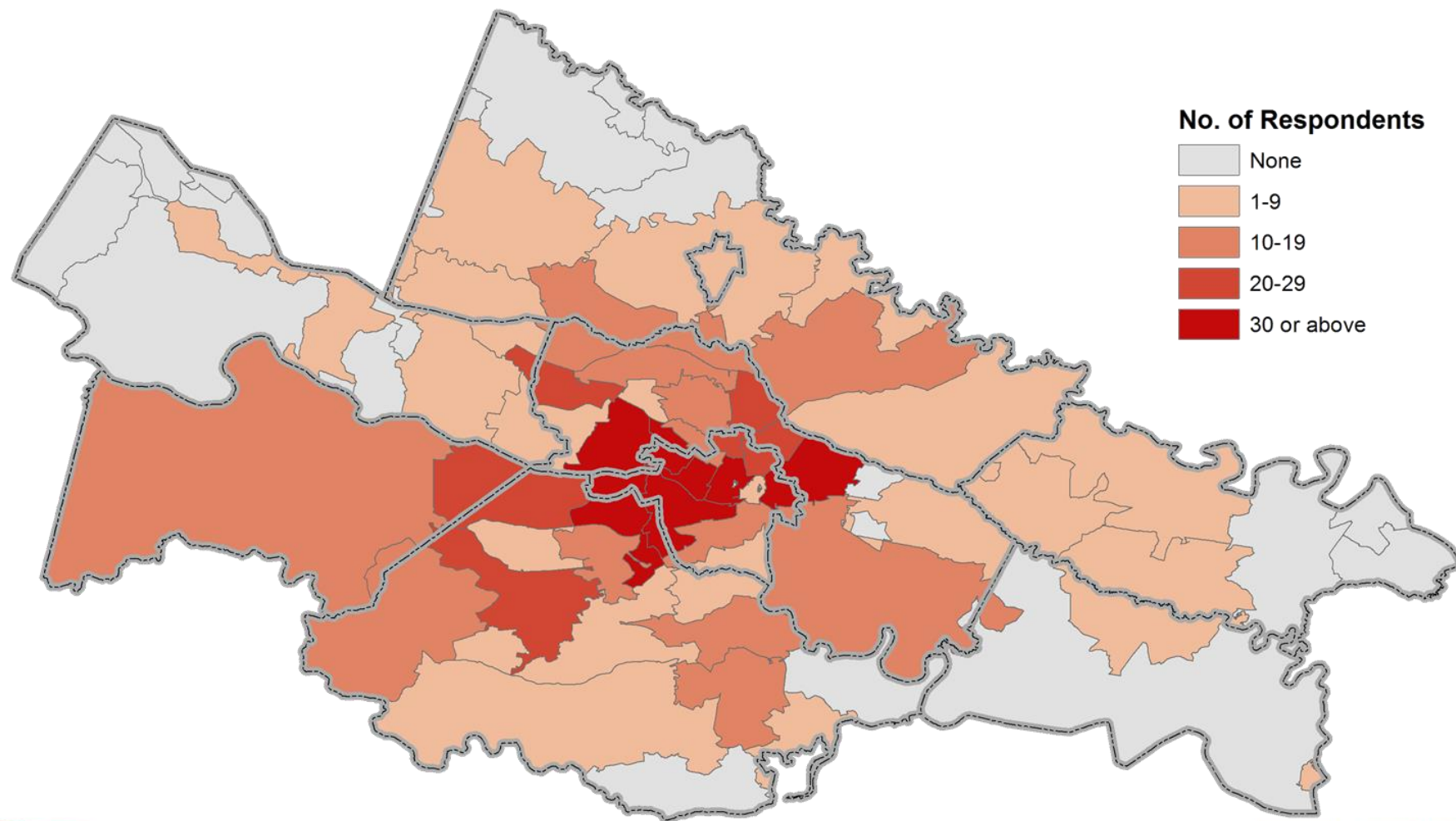
Vision, Goals, and Strategies Survey



Went Live: August 25
Closed: October 11
Completed Survey : 949

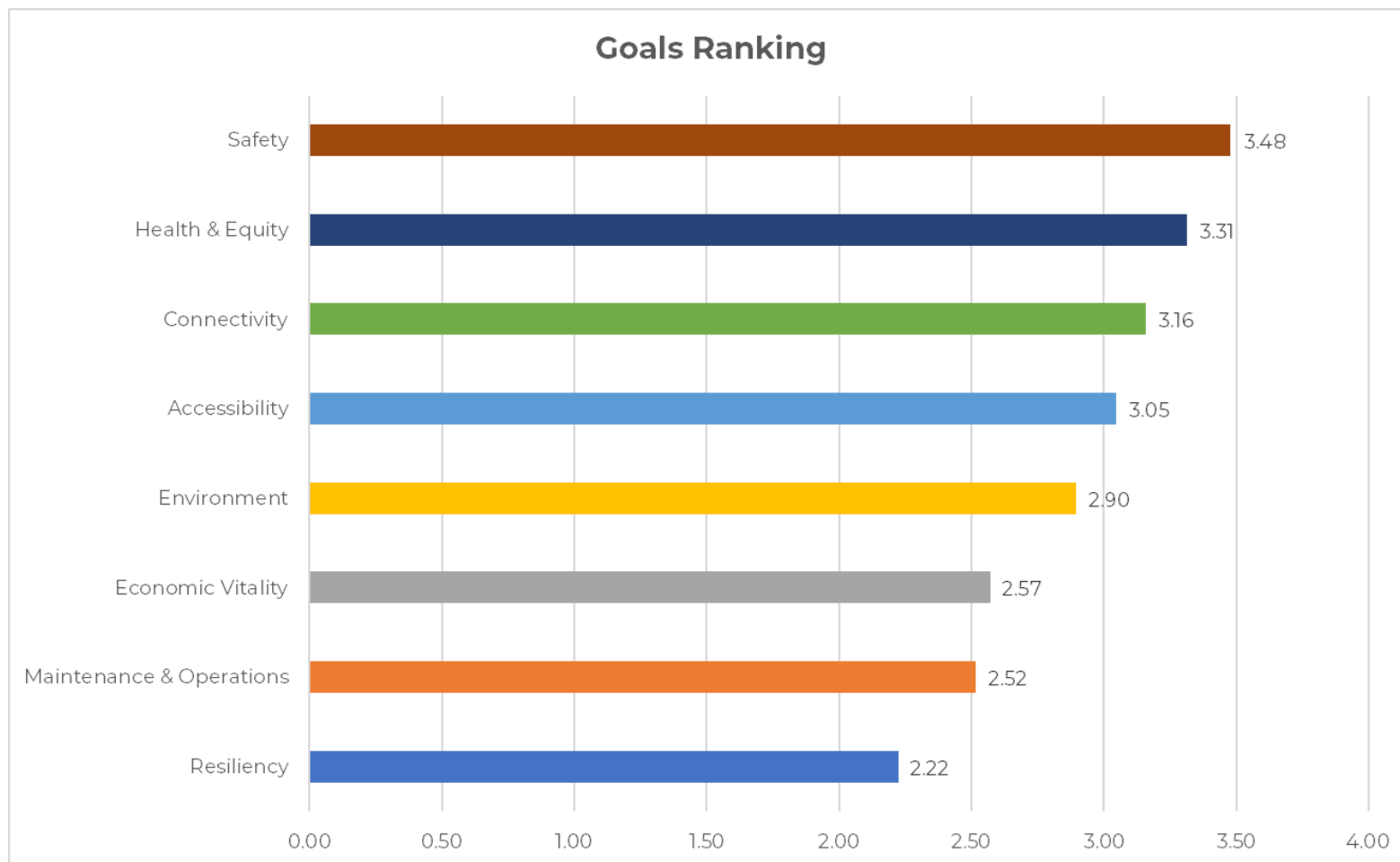
2.0 Strategic Direction

Vision, Goals, and Strategies Survey



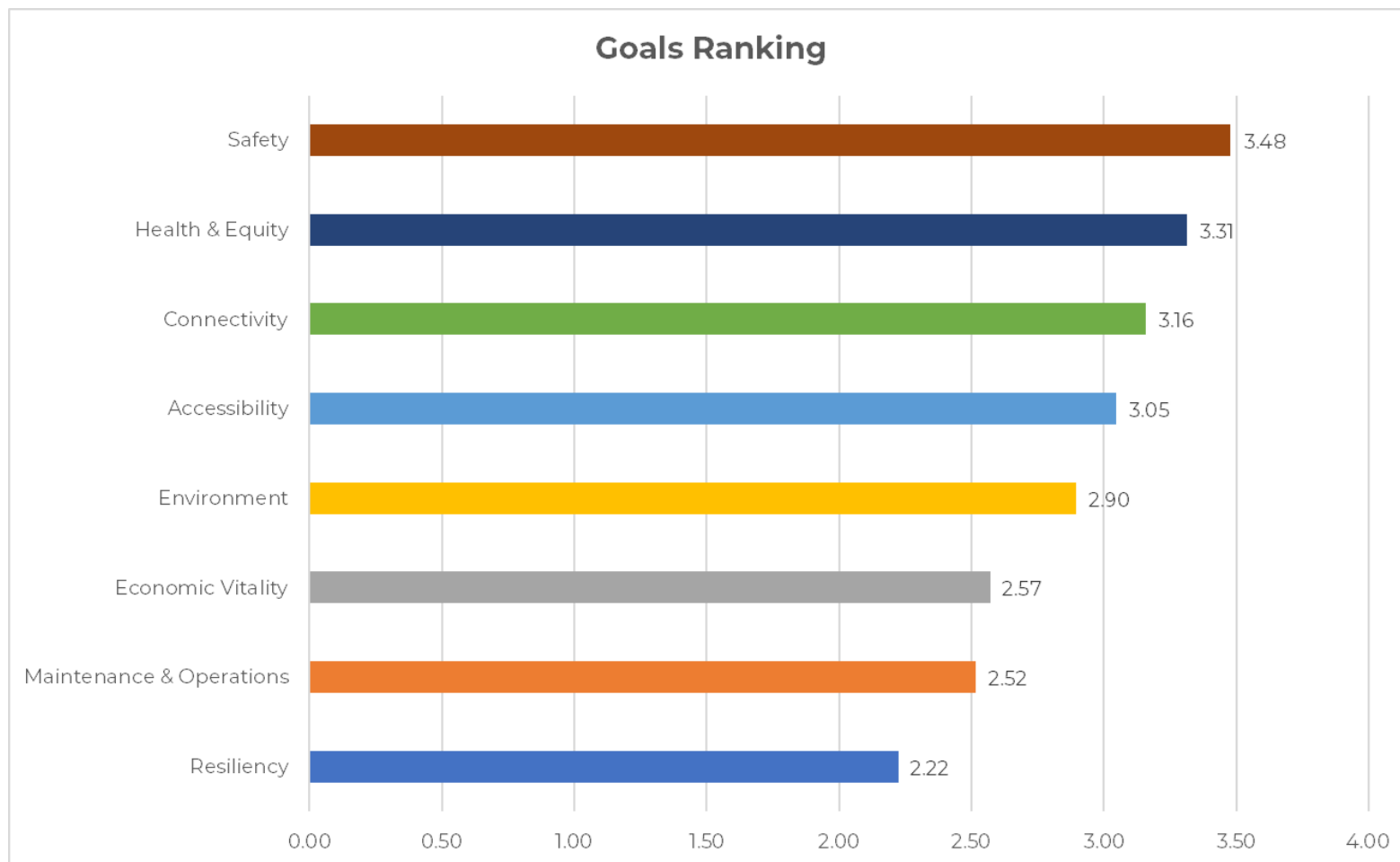
2.0 Strategic Direction

Vision, Goals, and Strategies Survey



2.0 Strategic Direction

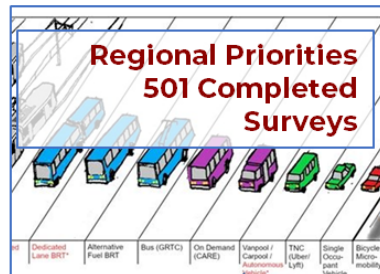
Vision, Goals, and Strategies Survey



2.0 Strategic Direction

Staff Synthesis

Advisory
Committee
Vision
Buzzwords



265 unique ideas for
Vision Statements

Staff Subject
Matter Experts

Vision
Goals
Objectives
Performance
Measures

L RTP- AC Input



2.0 Strategic Direction

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.

2.0 Strategic Direction

Guiding Principles

1. **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. **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 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

2.0 Strategic Direction

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Goal	Objectives	Federal Performance Measure	Project Selection Performance Measure
Safety			
Improve the safety of the transportation system for all people.	<ul style="list-style-type: none"> • Reduce the number of crashes • Reduce fatalities and serious injuries 	<ul style="list-style-type: none"> • Number of fatalities • Rate of fatalities • Number of serious injuries • Rate of serious injuries • Number of non-motorized fatalities and serious injuries 	<ul style="list-style-type: none"> • Crash rate, • Crash frequency
Environment/Land Use			
Reduce the negative impact the transportation system has on the natural and built environment.	<ul style="list-style-type: none"> • Address roadways prone to flooding • Reduce transportation related pollutants • Reduce VMT per capita • Increase number of trips traveled through active transportation modes • Tie the land use potential to transportation investments 		<ul style="list-style-type: none"> • Sensitive features/resiliency • Air pollution • VMT per capita • Connections to Activity Centers

2.0 Strategic Direction

Goal	Objectives	Federal Performance Measure	Project Selection Performance Measure
Equity/Accessibility			
Improve accessibility and mode choice for all people.	<ul style="list-style-type: none"> • Reduce peak period travel times • Reduce trip lengths for all population & EJ Population. • Increase access to jobs and community services via transit, walking and biking for all population and EJ Population. 	<ul style="list-style-type: none"> • Pavement quality • Bridge quality • Interstate reliability • Non interstate reliability 	<ul style="list-style-type: none"> • Access to Jobs • Access to Jobs EJ Population • Access to Destinations • Access to Destinations EJ Population
Economic Development			
Improve connectivity and mobility for strong economic vitality	<ul style="list-style-type: none"> • Increase transportation investment which focus on economic development • Improve reliability of travel to and within regional activity centers • Reduce freight bottlenecks and restrictions • Increase multimodal access to tourist destinations 		<ul style="list-style-type: none"> • Job Growth • Truck Throughput
Mobility			
Increase travel efficiency and mode choice, and maintain the transportation system in a state of good repair	<ul style="list-style-type: none"> • Increase the percent of the network that incorporate complete streets elements • Increase system efficiency through technology-based projects • Improve system reliability 	<ul style="list-style-type: none"> • Interstate truck reliability 	<ul style="list-style-type: none"> • Person Throughput • Person Hours of Delay

Connect RVA 2045



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