



Moving Forward 2040

Long Range Transportation Plan

Bicycle Mobility Master Plan

Transit Master Plan

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Transportation 2037

State of Rhode Island

State Guide Plan Element 611
Report #116

Interim

Department of Administration
Statewide Planning Program



Long Range Transportation Plan

December 13, 2012, Updated December 14, 2017



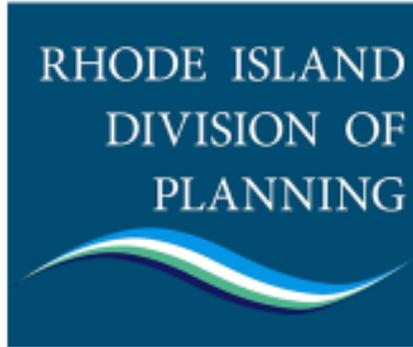
- **Transportation 2037 Interim Update**
 - Needed to keep LRTP valid (December 2017)
 - Administrative changes
 - Updates to certain available data, maps, legislative reference, replacing obsolete text and revised the planning horizon from 2035 to 2037
 - No changes to policies or projects
 - Adopted by State Planning Council on December 14, 2017
 - Sent to FHWA and FTA on December 19, 2017



- **Transportation 2037 Interim Update**
 - Updated the 2035 LRTP which was an update to the 2030 LRTP
 - A new plan was needed to take a fresh look at Rhode Island's future transportation needs
 - The new plan will incorporate all FAST Act requirements.
 - 2014 Certification recommended rewrite



L RTP Team





LRTP & BMP Outreach

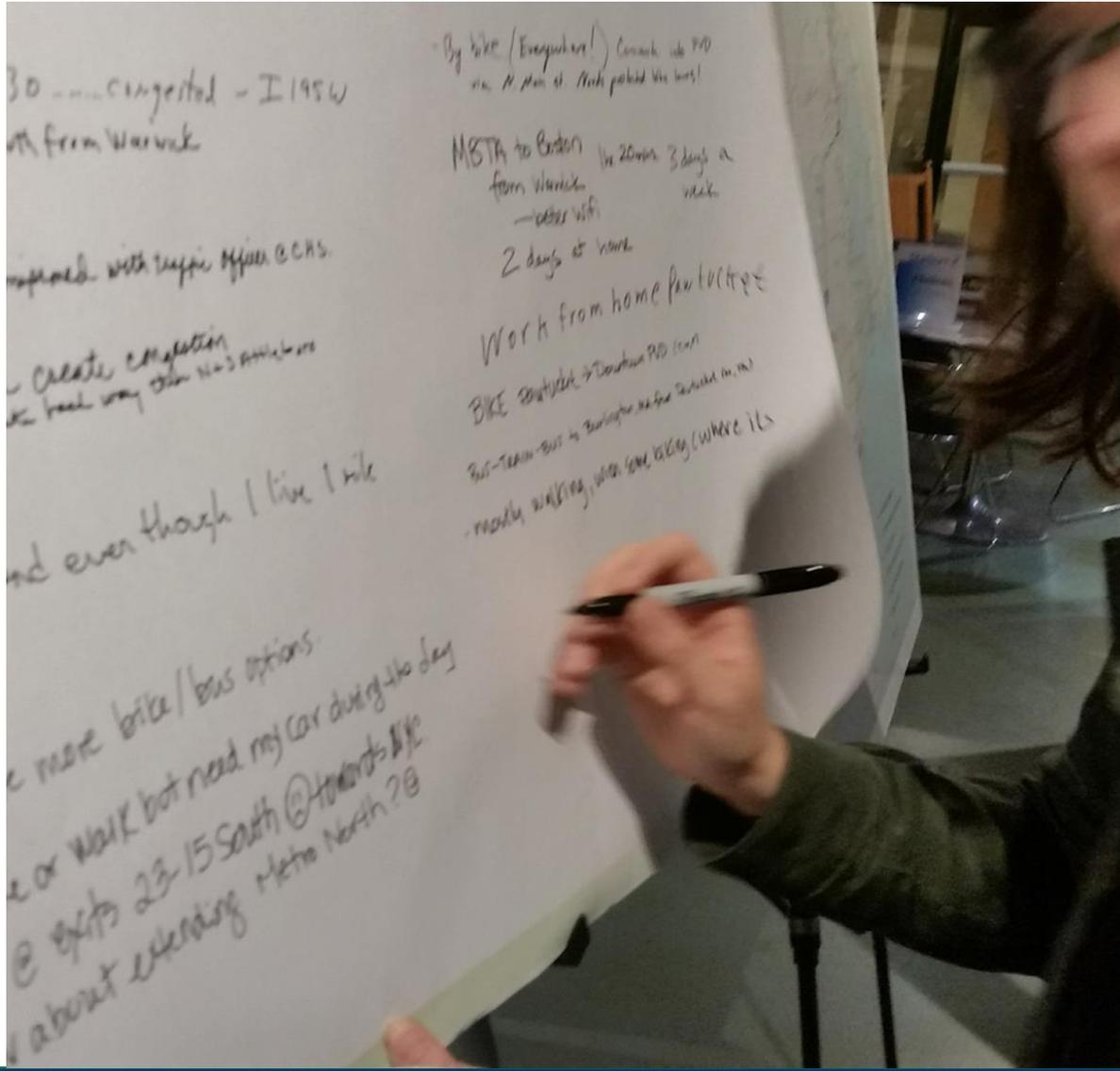
- Social Media
- Media Advisories
- Targeted Outreach
- Emails
- Farmers Market, Bike Events, Bus Hubs
- Phone





L RTP & BMP Outreach

- Workshops
- Stakeholder Meetings
- Surveys





The Vision for the Long Range Transportation Plan

“This Plan envisions a multimodal transportation network that **connects people, places, and goods** in a **safe and resilient** manner by providing **effective and affordable transportation choices** that are supportive of healthy communities, provide access to jobs and commercial centers, and promote a sustainable and competitive Rhode Island economy.”



National Goals

1. Safety
2. Infrastructure Condition
3. Congestion Reduction
4. System Reliability
5. Freight Mobility and Economic Vitality
6. Environmental Sustainability
7. Reduced Project Delivery Delays



Planning framework – Goals and Objectives

**Preserve the
Transportation
Network**



Achieve a state of good repair



Enhance transportation
network resiliency



Enhance transportation safety



Promote emerging
transportation technologies



Planning framework – Performance Measures

Preserve the Transportation Network

- Percentage of Pavements of the Interstate System in Good Condition
- Percentage of Pavements of the Interstate System in Poor Condition
- Percentage of Pavements of the Non-Interstate NHS in Good Condition
- Percentage of Pavements of the Non-Interstate NHS in Poor Condition
- Percentage of NHS Bridges in Good Condition
- Percentage of NHS Bridges in Poor Condition
- Miles of roadways vulnerable to SLR
- No. of bridges vulnerable to SLR
- Miles of active rail line vulnerable to SLR
- No. of annual traffic fatalities
- No. of annual traffic serious injuries
- Rate of annual traffic fatalities per VMT
- Rate of annual traffic series injuries per VMT
- # of ped/bike annual traffic fatalities & serious injuries



Planning framework – Goals and Objectives

Connect People and Places



- Expand connectivity across modes to increase transportation choices



- Reduce Travel Congestion



- Improve regional connectivity



Planning framework – Performance Measures



**Connect
People and
Places**

- Transit Dedicated Lane Miles
- Bicycle Dedicated Lane Miles
- Transit Ridership
- Percent of the Person-Miles Traveled on the Interstate that are Reliable
- Percent of the Person-Miles Traveled on the Non-Interstate that are Reliable
- Annual Hours of Peak Hour Excessive Delay Per Capita
- No. of regional transit trips offered daily
- Number of bottlenecks



Planning framework – Goals and Objectives

Strengthen Communities



- Improve individual and community health



- Foster social equity



- Support compact and connected communities



Planning framework – Performance Measures

Strengthen Communities

- Percentage of Population Obese
- Percentage of Population with Asthma
- Percentage of Population achieving CDC activity recommendations
- Percentage of Population within $\frac{1}{4}$ miles of public transportation or growth center
- Number of municipalities with Complete Streets Ordinances
- **Percent change in CO2 emissions on the NHS**



Planning framework – Goals and Objectives

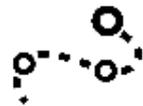
Promote Environmental Sustainability



- Reduce vehicle miles traveled



- Reduce transportation greenhouse gas emissions



- Create a network of open space, trails, and paths



Planning framework – Performance Measures

**Promote
Environmental
Sustainability**

- Vehicle Miles Traveled Annually
- Transportation greenhouse gas emissions
- Number of EV vehicles
- Percent of residents who live within one mile of a shared use path or separated bike lane



Planning framework – Goals and Objectives

Support Economic Growth



- Expand connections to jobs and growth centers



- Improve connectivity & access to national/global freight markets



- Make transportation investments supportive of tourism



- Reduced Project Delivery Delays



Planning framework – Performance Metrics



**Support
Economic
Growth**

- No. of bottlenecks on truck routes
- Value of freight cargo
- **Truck Travel Time Reliability Index (TTTR)**



LRTP Workshop Feedback



Choice



Consider all Users (ages, abilities)



Connectivity



Technology



Consider all Modes
(dedicated facilities)



Be Innovative



Re-thinking Transit
(trains, ferries, ...)



Dedicated Funding



LRTP Next Steps

- Refine vision, goals, objectives, performance measures
- Establish targets for performance measures
- Identify projects and assess against scenarios to determine priority projects
- Fiscal constraint
- Congestion Management Process
- Implementation plan
- Adoption in Fall/Winter 2018
- Implementation



L RTP Next Steps: Implementation

- Work Plan approach
 - Actions, team lead and partners, deadlines
- Tie to other plans and programs
- Internal and external partnerships
- Reporting on success
 - Metrics
 - Actions achieved
 - Annual report



Bicycle Mobility Master Plan

- Launched concurrently with LRTP 2040
- State's first bicycle master plan
- Expected adoption in Spring 2018



Bicycle Mobility Master Plan Vision

Bicycling is safe, fun and practical in the Ocean State.

Implementation of the Bicycle Mobility Plan has made Rhode Island the most bikeable state in New England. Bicycling is fully integrated into the state's and municipalities' policies, programs and improvement projects, creating a network of paths and streets that safely connect our cities, towns, villages and regions. Bicycle projects are designed to encourage people of all ages and abilities to choose bicycling for both transportation and recreation.



Bicycle Mobility Master Plan Goals

- Connect the State's Bicycling Network
- Integrate Bicycling with Transit
- Develop Stronger Statewide Bicycling Policies
- Promote Equity in Bicycle Planning and Funding
- Increase Bicycle Safety with Policies and Programs
- Leverage Bicycling to Promote Economic Development
- Improve Public Health through Bicycling
- Evaluate Bicycling and its Impact



Transit Master Plan

- Launching in Winter 2018
- Expected completion in Summer 2019
- RIPTA is lead partner
- DOP and RIDOT are partners



Transit Master Plan Scope

- Project Management
- Public Involvement Plan
- Evaluation Framework
- Transit System Overview
- Market and Trend Analysis
- Emerging Technologies and New Transportation Options
- State of System Report
- Identification of Strategies
- Scenario Development and Evaluation
- Funding and Governance Options and Implementation Strategies
- Recommendations