2040 Vermont Long-Range Transportation Plan Update

STAKEHOLDER MEETING #2
VERMONT AGENCY OF TRANSPORTATION
NOVEMBER 15, 2017
Agenda

1. Welcome & Introductions
2. Recap of Major Long-Range Issues
3. Overview of Regional Planning Commission TAC input
4. Discuss Draft Themes and Focus Areas
5. Wrap up and next steps
Summer 2017
- Stakeholders Mtg #1 and visit Transportation Advisory Committees (TACs)
- Review Draft Existing Conditions & Future Trends Report

Fall 2017
- Stakeholders Mtg #2 to review regional TAC input & develop Priorities and Policies

December 2017
- Publish Draft Priorities and Policies summary for comment

Spring 2018
- Publish draft LRTP for comment and adopt upon completion

Winter 2018
- Stakeholders Mtg #3 and visit Transportation Advisory Committees (TACs) to review Draft Priorities and Policies summary
Vision

“A safe, reliable, (and accessible), multimodal transportation system that promotes (which enhances) Vermont’s quality of life and economic well-being”
How can transportation serve these goals?

- Grow Vermont's Economy
- Make Vermont Affordable
- Protect Vulnerable Vermonters
Issues Overview

Population & Demographics
Funding
Energy & Environment
Alternative Fuels
Technology
Transportation & Land use
Population **growing slowly** for past decade and **proportionately older**.
Gasoline and diesel fuel tax receipts weakening as a revenue source
Transportation is the largest end use of energy and GHG emissions source.
Very heavy precipitation events occurring with increasing severity and frequency

Source: http://nca2014.globalchange.gov/
Electrification of the transportation system is steadily taking place

Source: driveelectricvermont.com
Connected and automated vehicle technology is evolving quickly and promises to increase safety and mobility
Land development and transportation system function are inextricably linked.

Holistic corridor planning becomes increasingly important.
How important are the following services & issues to you?

- **2000 & 2006 top 3:**
  1. Safety
  2. Environment
  3. Preserve Landscapes and Village Character

### 2016 Statewide Transportation Public Opinion Survey

- **Winter snow and ice removal:**
  - Very/extremely: 85%
  - Slightly/moderately: 15%
  - Not at all: 1%

- **Ensuring the safety of the traveling public:**
  - Very/extremely: 84%
  - Slightly/moderately: 15%
  - Not at all: 1%

- **Roadway/pavement conditions:**
  - Very/extremely: 82%
  - Slightly/moderately: 17%
  - Not at all: 1%

- **Protect the environment:**
  - Very/extremely: 73%
  - Slightly/moderately: 25%
  - Not at all: 3%

- **A transportation system that can withstand extreme weather events:**
  - Very/extremely: 64%
  - Slightly/moderately: 33%
  - Not at all: 2%

- **Support Vermont's downtowns and village centers:**
  - Very/extremely: 62%
  - Slightly/moderately: 34%
  - Not at all: 4%

- **Support job creation and retention:**
  - Very/extremely: 56%
  - Slightly/moderately: 40%
  - Not at all: 4%

- **Minimize cost to taxpayers:**
  - Very/extremely: 51%
  - Slightly/moderately: 46%
  - Not at all: 4%

- **Bicycle and pedestrian facilities:**
  - Very/extremely: 50%
  - Slightly/moderately: 40%
  - Not at all: 10%

- **Public transit services:**
  - Very/extremely: 50%
  - Slightly/moderately: 42%
  - Not at all: 9%

- **Reduce traffic congestion:**
  - Very/extremely: 47%
  - Slightly/moderately: 47%
  - Not at all: 7%

- **Passenger rail (Amtrak) services:**
  - Very/extremely: 34%
  - Slightly/moderately: 49%
  - Not at all: 16%
TAC Outreach – additional issues and areas of emphasis

- Bicycle and pedestrian safety (trucks)
- Youth mobility
- Build more roundabouts (but teach people how to use them)
- Increase public transit service
- Consider automated speed enforcement
- Highway runoff is a major issue for small towns
- Registration fees are climbing rapidly
- Encourage / don’t discourage Uber and other shared mobility technologies
Existing Conditions & Future Trends + Round #1 Stakeholder Comments + RPC TAC Comments = Themes
1. Are these the right Themes?
2. Is there a “home” for all of the issues within one or more of these Themes?
3. Are there other Themes?
4. Can they be consolidated?
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<thead>
<tr>
<th>Themes</th>
<th>Proposed Focus Areas</th>
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<tr>
<td>1. SAFETY &amp; SECURITY</td>
<td>1) Reduce crashes, injuries and fatalities on Vermont highways</td>
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<td>2) Reduce incidents at work zone sites</td>
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<td>3) Reduce derailments and grade crossing incidents along Vermont's railroads</td>
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<td>4) Provide airport safety at all publicly-owned commercial and general aviation system airports</td>
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<td>5) Reduce impacts of severe weather events on the transportation system</td>
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<td>6) Coordinate and provide disaster response services</td>
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<td>2. SYSTEM PRESERVATION AND OPTIMIZATION</td>
<td>1) Make strategic investments to ensure improving conditions for highways, railways, airports, and public transit facilities</td>
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<td>2) Provide a transportation system that adequately serves current and forecast demand at an acceptable level of service</td>
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<td>3) Preserve and maximize operational efficiency of all existing transportation modes</td>
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<td>4) Identify new funding sources to support the capital, maintenance and operational costs of strategic transportation improvement programs and investments</td>
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<td>5) Streamline and expedite the project development and permitting process</td>
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<td>3. MOBILITY</td>
<td>1) Improve transportation connections between modes for passenger and freight</td>
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<td>2) Provide for non-motorized forms of transportation such as walking and bicycling</td>
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<td>3) Expand local and intercity public transit and rail services</td>
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<td>4) Increase awareness of transportation options for residents and visitors</td>
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<td>4. ECONOMIC VITALITY</td>
<td>1) Invest in highways and bridges, railroads, airports, and public transit facilities key to Vermont’s economy</td>
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<td>2) Grow tourism-oriented transportation services</td>
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<td>5. ENVIRONMENTAL STEWARDSHIP</td>
<td>1) Reduce negative water quality impacts associated with transportation facilities</td>
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<td>2) Reduce air pollution associated with fossil fuels used in transportation</td>
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<td>3) Reduce the overall level of energy use by the transportation system</td>
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<td>6. LIVABLE, HEALTHY COMMUNITIES</td>
<td>1) Maintain and strengthen village vitality and town centers</td>
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Next Steps

1. VTrans Staff Stakeholder meeting November 29th
2. Executive Staff presentation
3. Refine Themes & Focus Areas; develop Draft Solutions - publish for Comment
4. Develop Draft Plan
Thank you

Existing Conditions Report, 2016 Transportation Survey, this presentation and more, posted at:

vtrans.vermont.gov/planning/long-range-plan

Please forward comments and questions to Dave Pelletier at:
dave.pelletier@vermont.gov