



Vermont Project Selection and Project Prioritization (VPSP2)

**Overview of Year 2 – Interstate, State, and
Town Highway Bridges**

**CCRPC TAC Presentation
March 2, 2022**





Vision

Develop a performance-based, data driven project selection & prioritization framework that maximizes the “**transportation value**” delivered to Vermont taxpayers.



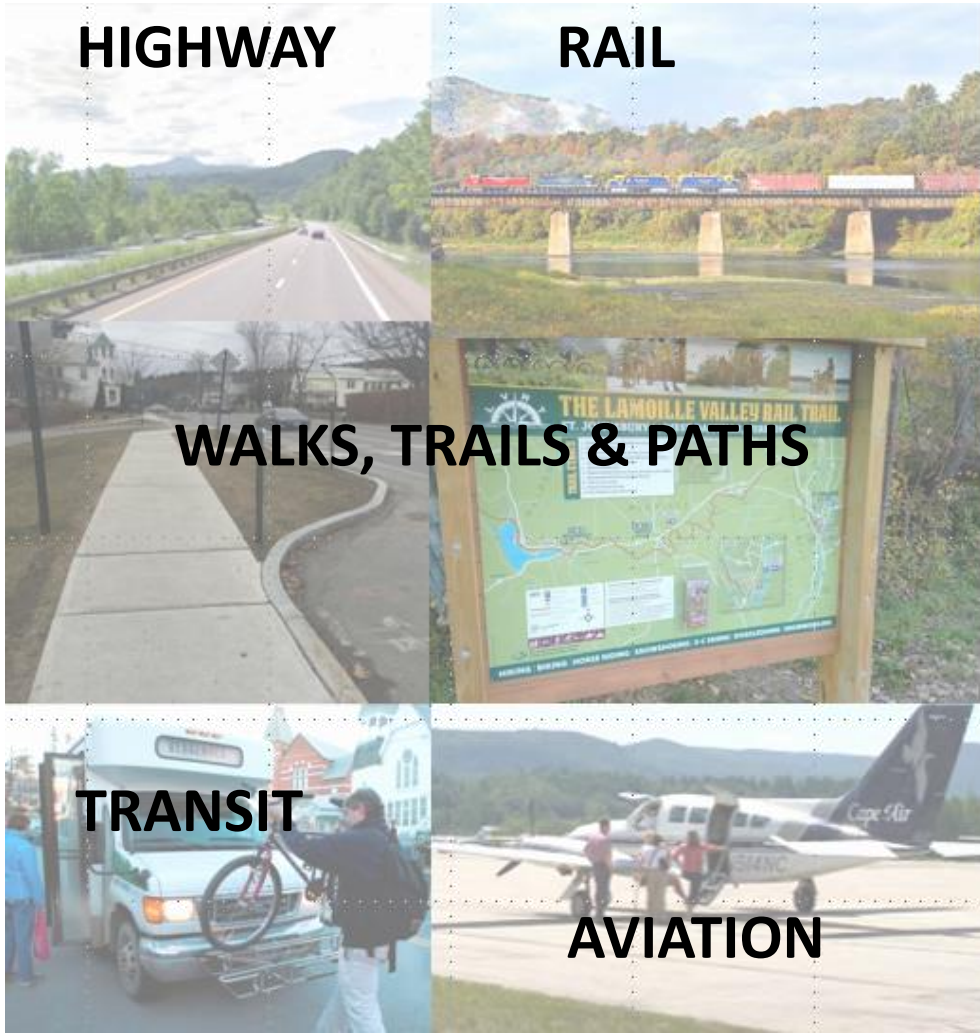


How is Transportation Value Determined?

- VTrans worked with Stakeholders to identify Eight Criteria for evaluating projects
- A **Workbook** was developed to score projects on the eight criteria
- The number of points for each criteria was determined by stakeholder input



FIVE MODES



EIGHT CRITERIA

SAFETY
Max points = 20

**ASSET
CONDITION**
Max points = 20

**MOBILITY /
CONNECTIVITY**
Max points = 15

REGIONAL
Max points = 10

**ECONOMIC
ACCESS**
Max points = 10

ENVIRONMENT
Max points = 10

RESILIENCY
Max points = 10

HEALTH ACCESS
Max points = 5



How to get Projects on the Capital Program

- **Asset Driven**
- **Safety Driven**
- ***Regionally Driven -- new***





VPSP2 Year 2 – Interstate, State, Town Highway Bridges

Step 1: VTrans Develop Budget Targets – September 1 – October 30

Step 2: VTrans Identify Asset Driven Potential Projects – November 1 – February 28

Step 3: VTrans Provide Asset Driven Projects to RPCs – Week of March 1

Step 4: RPC Scoring for Asset Driven Projects – March 1 – May 31

Step 5: RPCs Identify Regionally Driven Potential Projects – March 1 – May 31

Step 6: RPC to Send Asset and Regional Scores to VTrans – June 1

Step 7: VTrans Create Statewide Potential Project List - July 1 – July 31

Step 8: RPC Review Statewide Potential Project List - August 1 – September 30

Step 9: VTrans to finalize list - October 1 – November 30





Next Steps

April TAC Meeting

- Review Asset Driven Project List
- Identify Regionally Driven Potential Projects

May TAC Meeting

- Review Scores of Asset Driven and Regionally Driven projects
- Make recommendations to Board

June 1

- Submit Asset Driven project scores and Regionally Driven project list and scores to VTrans





Questions?
Discussion





VPSP2 Workbook – Safety – 20 points

- Number of Intersections
- Project length
- AADT
- Existing Shoulder Width
- Proposed Shoulder Width
- Crash Modification Factors *(increase shoulder width, rumble strips, medians, signal/intersection upgrades, lighting upgrades)*





VPSP2 Workbook – Asset Condition – 20 points

- **Customer Service Level** - (*CSL 1 - NHS – Interstate, CSL 2 - NHS - Non-Interstate, CSL 3 - Regional Corridors, CSL 4 - Local Connectors, CSL 5 - Class 1 Town Highways, CSL 6 - Class 2 and 3 Town Highways*)
- **Right Treatment at the Right Time**





VPSP2 Workbook – Mobility – 7 points

- Level of Service Before
- Level of Service After





VPSP2 Workbook – Connectivity – 8 points

- Does the project enhance or improve connectivity for bicyclist/pedestrian? *(2 points)*
 - If yes, is it on a high priority bike corridor? *(2 points)*
- Does project enhance or improve connectivity for transit users? *(Max points for transit is 4)*
 - If yes does the project incorporate transit improvements? (bus shelter, bus turnout, bike racks, sidewalks, transit parking) *(4 points)*
 - Does project connect or is on transit route? *(2 points)*
- Does project improve or enhance inter-modal connections? *(Max points for intermodal is 4)*
 - If yes connect to a park and ride? *(2 points)*
 - If yes does the project connect to a train station? *(2 points)*
 - If yes connect to an airport? *(2 points)*
 - If yes connect to a bus station/intermodal center? *(2 points)*





VPSP2 Workbook – Economic Access – 10 points

- Designated Growth Center, Designated Downtown, Town Center (*9 points*)
- Village Center (*7 points*)
- Growth Areas Identified in Regional Plans or CEDS (*5 points*)
- Other areas that are not included above but are important to existing or future economy? (*2 points*)
- Annual average truck trips (*2 points*)
- AADT (*4 points*)





VPSP2 Workbook – Resiliency – 10 points

- Score from Vermont Statewide Highway Flood Vulnerability and Risk Map
- Project must include at least one of 64 identified flood mitigation measures





VPSP2 Workbook – Environment – 10 points

- Dual benefit for wildlife or aquatic organism passage? *(5 points)*
- Primary benefit for wildlife or aquatic organism passage? *(10 points)*
- Design incorporate potential for EV charging stations? (does the project include parking locations where EV could be added)*(5 points)*
- Design supports operational efficiency? (less queuing, synchronized signals, added turn lanes) *(5 points)*
- Design features address Transportation Demand Management (TDM)? (more efficient route, public transit, bike/ped accommodations)*(5 points)*
- Include installation of stormwater features beyond required by permit? *(5 points)*
- Eliminate direct discharge? *(2 points)*
- Prevent future or existing erosion? (increase culvert size) *(2 points)*
- Project design gains credit towards TMDL load allocations? *(5 points)*
- Greater than 10% reduction in impervious footprint? *(2 points)*
- Project preserve a cultural resource (i.e. historic bridge)? *(10 points)*
- Project mitigate impacts to cultural resources? *(5 points)*





VPSP2 Workbook – Regional – 10 points

- Project identified in regional plan or does need support goals identified in a regional plan? *(2 points)*
- Municipality engagement in project planning? *(3 points)*
- Will project improve sense of community? (public space, space to gather, park enhancements, traffic calming, trees, lighting, gateway) *(2 points)*
- Key community features in project area (schools, senior centers, parks, churches, libraries, municipal buildings) *(3 points)*





VPSP2 Workbook – Health Access – 5 points

- Is project enhancing access to health care facility or physical activity facility? (senior center, park, trails, school with community recreational program)
- Is project enhancing or improving health access to healthy food destinations? (grocery store, health food store, foodshelf, school lunch program, low-income meals program)
- Is project increasing the opportunity for physical activity?

Low Impact 3 points – upgrade to existing sidewalk, crosswalks, shoulders, bus stop, signals

High Impact 5 points – new sidewalk, crosswalk, shoulders, ADA upgrades at intersection, new bus stop, addition of ped phases, new transit route

