Completed Steps Overview

- Development of RTP2050 “road map”
- Adoption of revised “regional vision statement” to guide future integrated planning work
- Identification of transportation needs through “Needs Assessment” process
- Adoption of Interim Policy Framework to guide future steps in development of RTP2050

www.marc.org/2050
Completed Steps Overview

- Public Engagement efforts, including development of “story-telling” online platform, such as:
  - RTP2050 Chapter 1 - Overview
  - RTP2050 Chapter 2 – Needs Assessment
- Completion of transportation model sensitivity testing/scenario analysis
  - Initial transportation “investment packages” & land use growth scenarios tested for performance

www.marc.org/2050
Timeline

- Discovery & Needs Assessment: Spring 2018
- Storytelling & Policy Framework: Fall 2018
- Scenario Analysis: Summer/Fall 2019
- Project Selection: Spring 2020
- Plan Development: Spring 2020
- Plan Adoption: Spring 2020

Public Engagement

YOU ARE HERE

www.marc.org/2050
Redevelopment area

Smart Moves corridors and hubs
Let it ride

**Trend growth scenario**

Within redevelopment area:

- Population growth: 30%  
  *(150k out of 500k)*
- Job growth: 50%  
  *(150k out of 300k)*
Take the wheel

**Focused growth scenario**

Within redevelopment area:

- Population growth: 60%
  (300k out of 500k)
- Job growth: 80%
  (240k out of 300k)
Transportation scenarios

Freeze frame
  • TIP only

If you build it...
  • TO2040

Hop on the bus, Gus
  • Focus on transit

Money DOES grow on trees
  • Focus on roadway capacity
What did we learn?

- Growth scenarios = greatest impact on travel demand
- Better transit = shift from autos
- More capacity = more VMT, less VHT
- Highway system + few anticipated network changes = minor change in outcomes
- Transit system + more opportunity for network changes = more significant change in outcomes
What will we do next?

Expand performance measures to align with policy framework.

RTP 2050 Policy Framework

- Centers and Corridors Focus
- Equity
- Economic Vitality
- Transportation Choices
- Safety & Security
- System Condition & Performance
- Public Health
- Environment
- Climate/Energy
- Data & Technology
- Financial Sustainability
What will we do next?

Consider wildcards

Impact of autonomous and connected vehicles.

Cost of investment scenarios.
What are we working toward?

Using models to evaluate and inform project selection.
Upcoming Steps Overview

- Development of “Story Map Chapter 3” - Scenario Analysis report
- Ongoing targeted engagement efforts, online engagement, focus groups & MARC committee outreach
- RTP Project Selection:
  - Hybrid approach for project selection. Combination of data-driven generated project list and “call for Projects”
  - RTP must include financially constrained, regionally significant projects

www.marc.org/2050
Project Selection

MARC TTPC
November 2018
November 2018/January 2019

Prioritization process development

- Notify TO2040 project sponsors about resubmittal process
- Develop initial MARC generated project lists
- Consult with system owners about MARC-generated projects
- Develop Project evaluation Criteria
- Present to Steering Workgroup/ TTPC/Board to seek concurrence.
Evaluation Criteria

Needs Assessment

Interim Policy Framework

TO2040 Scoring Criteria

Sub-Allocated Funds Scoring Criteria

RTP 2050 Project Selection Scoring Criteria

Evaluation Criteria Stakeholder Workshop: December 18th – 2:30pm
<p>| THEME                                      | Question(s)                                                                 | General &amp; Consistency | Economic/Equity | Transportation Choices | Safety &amp; Security | System Condition | Public Health | Environment | Climate/Energy | Data/Technology | Financial Sustainability |
|-------------------------------------------|------------------------------------------------------------------------------|-----------------------|-----------------|-----------------------|-------------------|------------------|---------------|-------------|----------------|----------------|-----------------------------|------------------|
| Triple Bottom Line                       | Project provides multiple benefits (triple bottom line - economic, environmental, social) | ●                     | ●               | ●                     | ●                 | ●                | ●             | ●           | ●              | ●              | ●                           |                  |
| Implements Regional Plan Strategies      | Project or program implements strategies from the Clean Air Action Plan, Smart Moves, Green Infrastructure Policy Framework, Climate Resilience Strategy, Communities for All Ages program, Coordinated Transit/Human Services Plan, Regional Bikeway Plan, MetroGreen, Regional Safety Blueprint, ITS Architecture, and/or Regional AV Policy Framework. Explain how and to what degree strategies advance the project or program. | ●                     | ●               | ●                     | ●                 | ●                | ●             | ●           | ●              | ●              | ●                           |                  |
| Complete Streets                          | Project or program creates a complete street or adds complete street elements. How exactly? (Create checklist for # of elements. The more elements, the higher # point total). If local policy/ordinance is adopted, allow for extra points. | ●                     | ●               | ●                     | ●                 | ●                | ●             | ●           | ●              | ●              | ●                           |                  |
| Reduces Travel Time for Zero Car Households | Project or program reduces travel time to work or school for zero car households. Explain how specifically? | ●                     | ●               | ●                     | ●                 | ●                | ●             | ●           | ●              | ●              | ●                           |                  |
| Multi-modal                               | Project or program directly incorporates/encourages a number of transportation modes (0/1/2/3/4 modes). Explain how? | ●                     | ●               | ●                     | ●                 | ●                | ●             | ●           | ●              | ●              | ●                           |                  |
| Improves Connectivity Between Modes      | Project or program improves connectivity between travel modes for people and freight. How specifically? | ●                     | ●               | ●                     | ●                 | ●                | ●             | ●           | ●              | ●              | ●                           |                  |
| Promotes Non-Motorized Travel             | Project or program promotes/encourages increased non-motorized travel. How specifically? | ●                     | ●               | ●                     | ●                 | ●                | ●             | ●           | ●              | ●              | ●                           |                  |
| Serves Activity Centers &amp; Corridors       | Project or program is located (wholly or mostly) in and/or serves TIG an activity center or corridor of high intensity and walkability. Explain how? | ●                     | ●               | ●                     | ●                 | ●                | ●             | ●           | ●              | ●              | ●                           |                  |
| Sustainable Code Framework Connection    | Project or program achieves multiple principles from the Sustainable Code Framework (# of points scored depends on # of principles achieved) | ●                     | ●               | ●                     | ●                 | ●                | ●             | ●           | ●              | ●              | ●                           |                  |
| GHG &amp; Carbon-based Fuel Reduction        | Project or program reduces overall greenhouse gas emissions or reduces the use of carbon-based fuel. How specifically? Does project help transition away from fossil based fuels? | ●                     | ●               | ●                     | ●                 | ●                | ●             | ●           | ●              | ●              | ●                           |                  |
| Improves Jobs/Education Access           | Project or program improves access to jobs and educational opportunities for non-drivers. How specifically? | ●                     | ●               | ●                     | ●                 | ●                | ●             | ●           | ●              | ●              | ●                           |                  |
| Improves Connectivity to Manufacturing Centers | Project improves connectivity to regional manufacturing or distribution center. How specifically? | ●                     | ●               | ●                     | ●                 | ●                | ●             | ●           | ●              | ●              | ●                           |                  |
| CSP/PSP Connection                       | Project or program implements strategies identified in local/regional plans or study and/or local land-use plan (CSP/PSP) | ●                     | ●               | ●                     | ●                 | ●                | ●             | ●           | ●              | ●              | ●                           |                  |</p>
<table>
<thead>
<tr>
<th>THEME</th>
<th>Question(s)</th>
<th>Economic Viability</th>
<th>Transportation Quality</th>
<th>Safety &amp; Security</th>
<th>System Condition</th>
<th>Public Health</th>
<th>Environment</th>
<th>Climate/ Energy</th>
<th>Data Technology</th>
<th>Financial Sustainability</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMT Reduction</td>
<td>Project or program reduces vehicle miles traveled. How specifically?</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Implements a Local Plan</td>
<td>Project or program implements a strategy/facility identified in a local bike, trail, safety, or land use plan.</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Increase Travel Time Reliability</td>
<td>Project or program increases travel time reliability. How specifically?</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Mitigates Congestion</td>
<td>Project or program mitigates current (undesirable?) congestion on one or more segments of the National Highway System. Congestion management Network? Include questions from CMP SOV worksheet. (Note: We should tie this back directly to where we have this problem in our system based on our needs assessment)</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Addresses Safety Issue</td>
<td>Project or program addresses an identified safety issue. How specifically?</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Access to and From EJ Tracts</td>
<td>Project or program is located within and improves access to or from environmental justice tracts and identified crime, school, and/or educational institutions without disproportionately impacting EJ communities. Explain how?</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Future Use</td>
<td>Project or program considers the ability for future expansion or reconfiguration. How specifically?</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Asset Management Plan</td>
<td>Project supports or includes an asset management plan.</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Reduce Ozone Precursor Emissions</td>
<td>Project or program reduces ozone precursor emissions. How specifically?</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Preserves or Restores Environment</td>
<td>Project or program preserves/restores environment benefits/losses and improves certain standards. If restores, then equity must be addressed.</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Support Freight Network /Best Practices</td>
<td>Project or program improves or more segments of the national freight network. How specifically?</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Serves High-volume Travel</td>
<td>Project or program serves high volume of the annual average daily traffic, passenger volume, freight volume. Ranges identified on table.</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Increase Useful Life</td>
<td>Project increases useful life one or more existing facilities. How specifically?</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Addresses Maintenance</td>
<td>Project or program addresses a identified system maintenance need. How specifically? Rehabilitation of existing infrastructure?</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Dedicated Revenue Source</td>
<td>Project includes a dedicated revenue source for operations and maintenance (tied to project not owner of the project)</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Data Management Plan</td>
<td>Project includes a data management plan</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Uses/Is Informed by Data and Technology</td>
<td>Project is informed by data/technologies advancements and projections. How specifically?</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>
Timeline

February-April 2019

Call for projects

May-June 2019

Evaluate projects and build scenarios
Timeline

May–September 2019
Complete scenario analysis and gather feedback

October–December 2019
Finalize project priorities