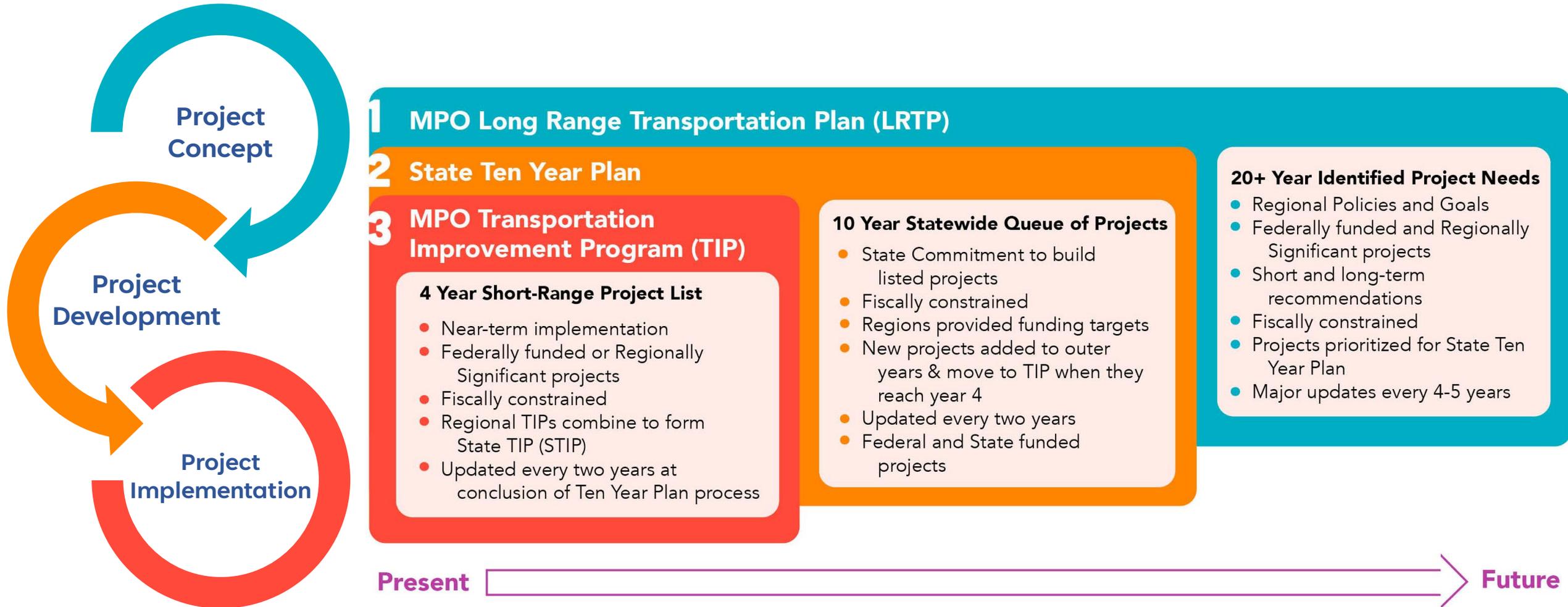
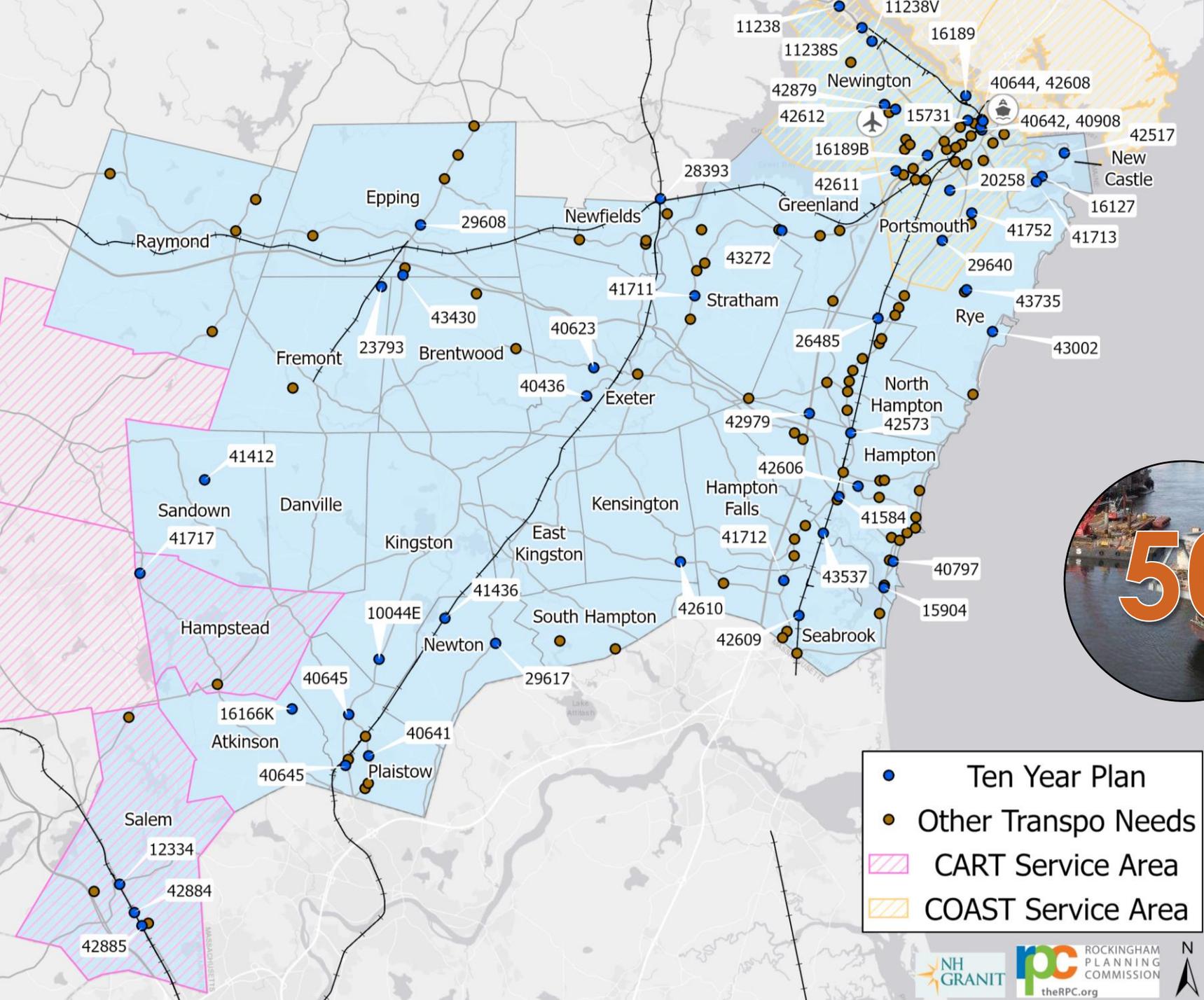


NH Transportation Planning Process





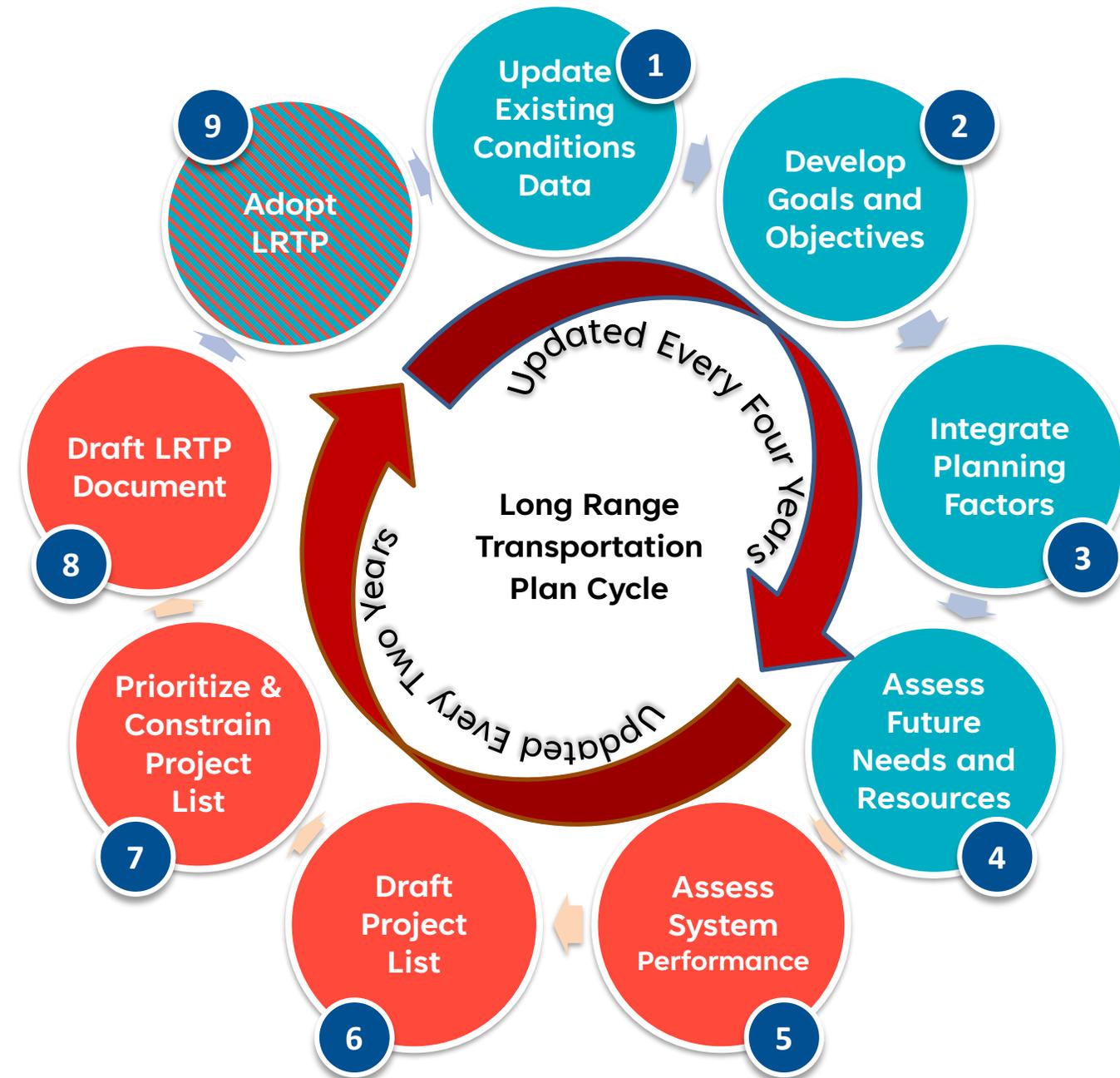
**PROJECTS IN THE
RPC REGION
EST. \$635 MILLION**



**RPC REGION
PROJECTS IN THE
TEN YEAR PLAN
& TIP
\$277 MILLION**

- Ten Year Plan
- Other Transpo Needs
- ▨ CART Service Area
- ▨ COAST Service Area

L RTP Process



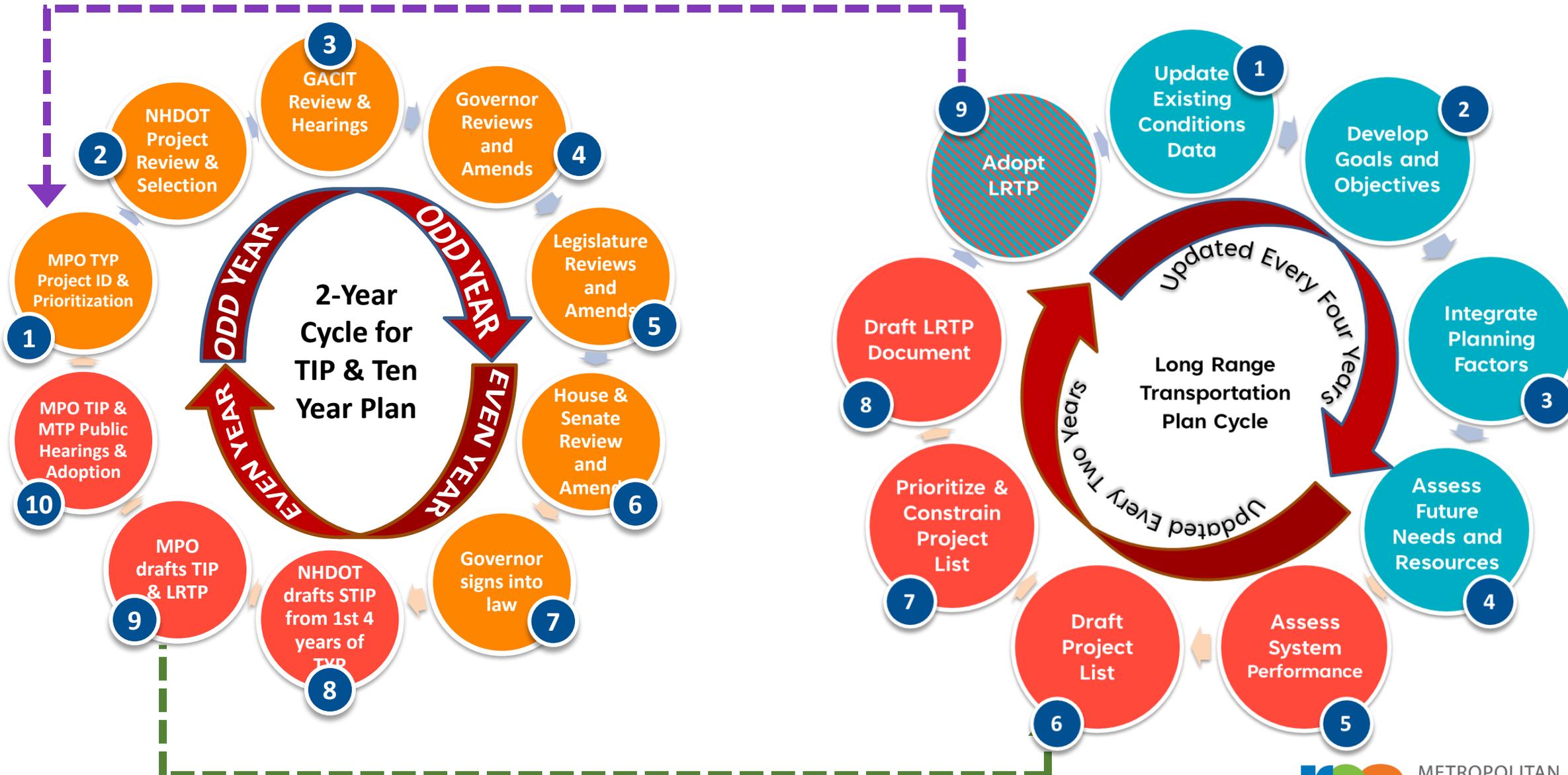
- Major Updates of all components every 4 years
- Update Project list every two years in coordination with Ten Year Plan process
- L RTP provides initial list of projects considered for the Ten Year Plan
- Prioritization process determines when a project is “scheduled” in the L RTP

Ten Year Plan & STIP/TIP Process



- 2-Year Cycle
- MPO involved at beginning and end of process
- Governor Signing Ten Year Plan starts STIP development
- DOT builds STIP from first 4 years of Ten Year Plan and ongoing projects
- MPO builds TIP from Draft STIP released by NHDOT

L RTP → Ten Year Plan → TIP Interaction



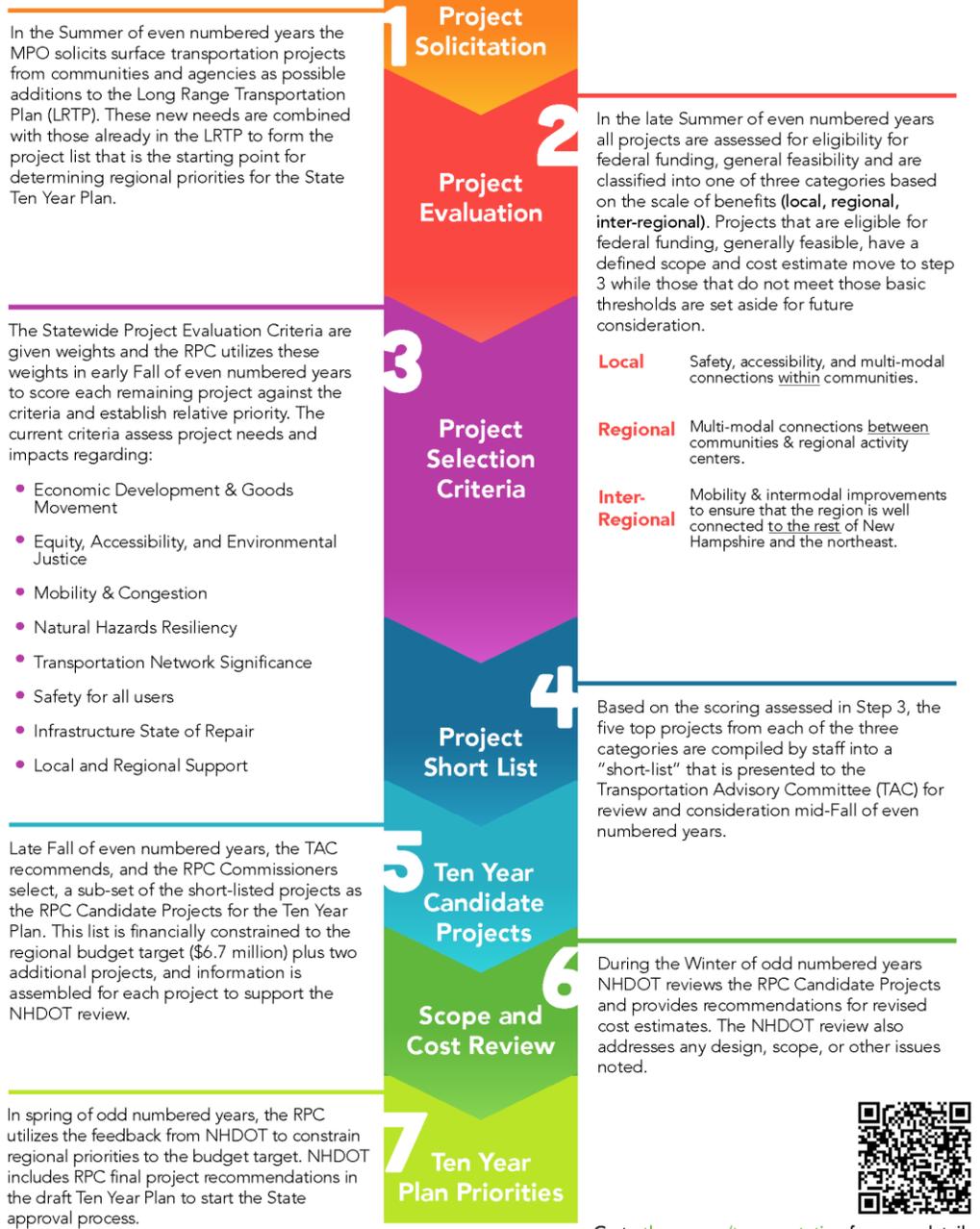
**MPO TYP
Project ID &
Prioritization**

1



- One step in the Ten Year Plan process
- Multi-step process for the MPO/RPC
- May to November 2022

RPC Project Solicitation and Selection Process



- Local** Safety, accessibility, and multi-modal connections within communities.
- Regional** Multi-modal connections between communities & regional activity centers.
- Inter-Regional** Mobility & intermodal improvements to ensure that the region is well connected to the rest of New Hampshire and the northeast.



Go to therpc.org/transportation for more details.

1

Project Solicitation (May-July 2022)

Request sent to communities and transit agencies (May-July 2022)

- Are **existing projects** in Ten Year Plan and Long Range Transportation Plan still priorities?
- Is there **updated information** available regarding existing projects?
- Are there **newly identified proposals** to submit?
- Are there **other identified transportation issues** for which a project has not been explicitly developed?

1

Project Solicitation (May-July 2022)

- New web-based form for submitting/updating projects

Project Solicitation 2022

Please note that when completing this survey all questions are to be answered and a cost estimate is to be attached for project consideration. If a field is not applicable to the project, please type Not Applicable.

Contact Information

Full Name:*

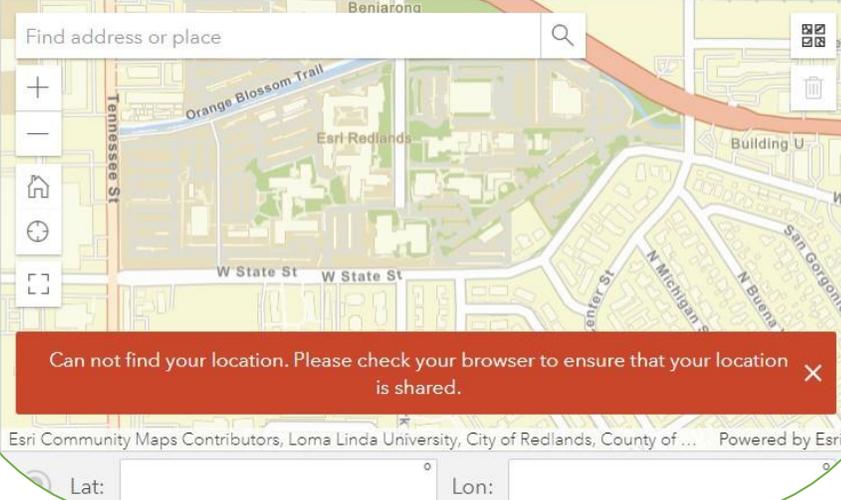
Phone Number:*

Municipality:*

Affiliation:*

To locate the project site, you can use your mouse to scroll in and out and you can drag your cursor to move around the map. If the address or coordinates of the project site are known, type them into the search bar. Once you feel the pin most accurately represents the project location, you can move onto the next section. Note that if needed, the base map can be changed by clicking the four square icon in the toolbar to the right.

Where is this project located?*



Can not find your location. Please check your browser to ensure that your location is shared. 

Esri Community Maps Contributors, Loma Linda University, City of Redlands, County of ... Powered by Esri

Lat: Lon:



2

Project Evaluation (Spring-Summer 2022)

- Existing Projects (May-July 2022)
 - Keep in LRTP? Consider dropping if no community input.
 - Projects without defined scope/cost may be moved to “Illustrative” category
- Check/update data for completeness
 - Detail project descriptions/scopes
 - Check costs, looking for obviously under-estimated projects
- Classify Projects
 - Assign each to “Local”, “Regional”, and “Inter-Regional” Groups
 - Is the project a fit for the 10 Year Plan as a stand-alone project?

2

Grouping Projects By Scale

	Local	Regional	Inter-Regional
Focus	Safety, access, and multimodal connections <u>within</u> communities	Multimodal connections <u>between</u> communities and regional activity centers	Mobility & intermodal improvements to ensure that the region is well connected <u>to the rest of</u> New England and beyond.
Project Types	<ul style="list-style-type: none"> • Smaller scale bike/ped and transit projects • Highway projects on “main street” state highways and some local roads • Multimodal access to services for all users • Complete Streets and context sensitive design 	<ul style="list-style-type: none"> • Projects primarily on State Highways • Regional Transit • Regional scale bike/ped • Improve access to regional activity centers • Improve mobility • Address safety issues 	<ul style="list-style-type: none"> • Project Related to National Highway System • Reduce congestion on critical roadways • Freight mobility and travel time • Inter-regional Bus and Rail transit service • Address safety problems
Important Criterion	<ul style="list-style-type: none"> • Safety • Equity and Accessibility • Natural Hazards Resiliency 	<ul style="list-style-type: none"> • Safety • Economic Development • Mobility • Equity and Accessibility 	<ul style="list-style-type: none"> • Safety • Mobility • State of repair • Network Significance



3

Draft Project Selection (Summer-Fall 2022)

1. Project is feasible

- Project addresses a **clearly defined transportation need**.
- Proposal is a **reasonable approach** in scope and cost given existing resources.
- Project is **likely to receive required Resource Agency permits** and approvals.

2. Project is supported

- Project has **demonstrated local support** and matching funds (if necessary).
- Project **conforms to regulations and plans** for affected areas.

3. Project is **eligible for federal funding** programs

4. Apply Project Selection Criteria

3

Project Selection Criteria

Category	Definition
Economic Development	The degree to which a project supports economic development needs and opportunities at the 1) local and 2) regional level; and 3) the degree to which the project impacts the movement of goods
Equity, Environmental Justice, and Accessibility	The degree to which a project provides a transportation option for someone who may not drive, or otherwise supports fair distribution of the benefits and burdens of the transportation system.
Mobility	The degree to which a project reduces the time needed to get from one place to another.
Natural Hazards Resiliency	The exposure of a location to risk of damage from natural hazards and the project approach to mitigating that risk.
Network Significance	The importance of the service or facility to the communities, region, and larger transportation system of the state.
Safety	The degree to which the project impacts traveler safety in relation to safety performance and the project's expected safety benefits.
State of Repair	The extent to which the project improves infrastructure condition in the project area and the degree to which the project impacts NHDOT and/or municipal maintenance requirements.
Support	The degree to which a project is supported by the MPO, locality, and feasibility of construction

3

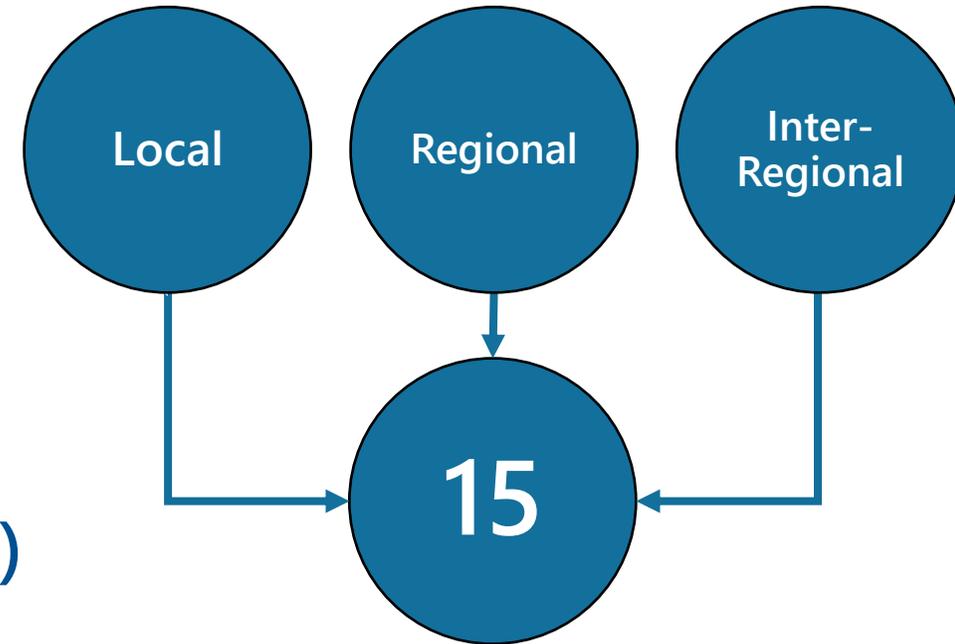
Criteria Weighting Process (Summer 2022)

Category	Local	Regional	Inter-Regional
Economic Development	10%	13%	12%
Equity & Accessibility	17%	<u>16%</u>	18%
Mobility	11%	12%	11%
Natural Hazard Resiliency	10%	<u>8%</u>	8%
Network Significance	14%	<u>16%</u>	<u>14%</u>
Safety	17%	16%	17%
State of Repair	13%	<u>14%</u>	11%
Support	8%	7%	10%

- **Set Category Weights:**
 - Total of all Categories (Safety, Mobility, etc.) = 100%
 - Weight may differ for each scale (local, regional, inter-regional)
- **Set Criterion Weights**
 - Total within each category = 100%
 - Percentages stay the same across scales

4 Develop Project Short List (Late Summer 2022)

- Based on Scoring in Step #3
- Top 5 projects from each category
- TAC Review and Recommends (July 2022)
- Sent to Consulting Engineers for Refinement of scope and estimates (July-September 2022)
- Ideally this would be all 15 – Budget may limit number to something lower.





5

Ten Year Plan Candidate Projects (Fall 2022)

- Single List of Priorities
- Sub-set of the “Short List”
- Constrained to Regional Budget Target
- 2 Additional Project Alternatives
- TAC Recommendation (September 2022)
- Policy Committee Approval (October 2022)
- Materials Prepared for NHDOT Review
- Submitted to NHDOT in early November 2022

6

NHDOT Scope & Cost Review (Winter 2022-2023)

- Review Scope and Cost of Candidate Projects
- Offer recommendations for changes

Proj #	Name	Scope	Initial Estimate	NHDOT Revised Estimate	NHDOT Comments
6001019	ECG	Rail Trail over Hampton Marsh	\$5,475,209	\$5,475,209	Concern regarding environmental & historic resources challenges and access across a private right-of-way
6147006	Epping	NH 155/NH 125 Intersection	\$431,016	\$1,791,128	While a capacity analysis indicates some delay, not clear that it meets warrants for a traffic signal.
6379013	Portsmouth	Bartlett St. Bridge (Red List)	\$491,409	-	Not enough information to make an informed estimate.
6383004	Raymond	NH 27/NH 156 Intersection	\$1,036,850	\$1,854,502	Concern regarding purpose and need. Also concerned given proximity of adjacent development
6345011	North Hampton	US 1/NH 111 Intersection	\$1,075,528	\$5,060,497	Concerned regarding the narrow right-of-way
Total			\$8,510,057	\$14,135,292	

7

Ten Year Plan Priorities

- Utilize NHDOT Recommendations to Set Priorities
- Constrained to Regional Budget Target
- TAC Recommends Priorities (February 2023)
- Policy Committee Approves Priorities (March 2023)
- Submitted to NHDOT by 3/31/2023

Proj #	Name	Scope	Initial Estimate	NHDOT Revised Estimate	NHDOT Comments
6001019	ECG	Rail Trail over Hampton Marsh	\$5,475,209	\$5,475,209	Concern regarding environmental& historic resources challenges and access across a private right-of-way

Process timeline

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Solicit Projects												
Project Dev & Classification												
Set Project Selection Process		TAC	TAC	POL								
Criteria Weighting Process			TAC	POL								
Select Short List for Eng Review				TAC	POL							
Engineering Review & Cost Est.												
Discussions w/ NHDOT												
Draft Priorities												
NHDOT for Eng. Review												
Finalize list of Priorities												
Finalize List to NHDOT												

- Candidate Projects *due* to NHDOT in early **November 2020** for engineering/estimate review.
- Finalized prioritized list to NHDOT *due* by **March 31, 2021**