

# Overview of 2023-2032 Ten-Year Transportation Improvement Plan Update Process

SNHPC TAC Meeting  
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# Ten-Year Plan Overview

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## TEN YEAR TRANSPORTATION IMPROVEMENT PLAN

2019 - 2028

### Projects Only

APPROVED BY THE NH LEGISLATURE  
AND SIGNED INTO LAW BY THE GOVERNOR

PURSUANT TO  
RSA 228:99 AND RSA 240 OF THE LAWS OF NEW HAMPSHIRE



PROJECTS LISTED ALPHABETICALLY



PREPARED BY THE NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION

July 2, 2018

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- Pursuant to RSA 228:99 and RSA 240, the SNHPC works collaboratively with the NHDOT to develop the Ten-Year Transportation Improvement Plan (TYP).
- The TYP is updated biennially.
- The next update of the TYP will cover **FY 2023-2032**.



# How does the Ten-Year Plan fit into the Project Development Process?

Construction



FY 2019-  
FY 2022

**Transportation  
Improvement Program (TIP)**

Federal  
Requirement

FY 2019-  
FY 2028

**Ten-Year Transportation  
Improvement Plan (TYP)**

State  
Requirement

FY 2019-  
FY 2045

**Long Range Transportation  
Plan (LRTP)**

Federal  
Requirement

Concept



# Regional Ten-Year Plan Allocations for this Update Cycle

- Once again, NHDOT has allocated \$50 Million for regional projects in this Ten-Year Plan update cycle.
- New projects would (generally) be programmed for construction in FY 2031 or FY 2032.
- **The SNHPC's estimated allocation is \$8.554 Million.**

RPC	FAE Lane Miles	%	Population	%	50% By FAE Lane Miles	50% Population	Total available for 2031-2032 Projects
NCC	1,536	18%	82,350	6%	\$ 4,530,229.37	\$ 1,575,857	\$ 6,106,086
UVLSRPC	721	9%	85,867	7%	\$ 2,127,026.04	\$ 1,643,159	\$ 3,770,185
LRPC	956	11%	119,725	9%	\$ 2,818,612.00	\$ 2,291,068	\$ 5,109,680
SWRPC	808	10%	99,566	8%	\$ 2,383,931.58	\$ 1,905,304	\$ 4,289,235
CNHRPC	764	9%	113,248	9%	\$ 2,252,871.89	\$ 2,167,124	\$ 4,419,996
SNHPC	1,173	14%	266,278	20%	\$ 3,458,115.57	\$ 5,095,520	\$ 8,553,635
NRPC	759	9%	205,765	16%	\$ 2,238,359.83	\$ 3,937,538	\$ 6,175,897
RPC	1,040	12%	188,521	14%	\$ 3,066,281.25	\$ 3,607,555	\$ 6,673,836
SRPC	720	8%	145,112	11%	\$ 2,124,572.47	\$ 2,776,876	\$ 4,901,449
Totals	8,477	100%	1,306,432	100%	\$ 25,000,000	\$ 25,000,000	\$ 50,000,000



# Engineering Review Required for the Ten-Year Plan Update

- NHDOT requires engineering review of all projects to be included in the Ten-Year Plan for scoping and cost estimation purposes.
- **The SNHPC has released a new RFQ for On-Call Engineering for this purpose through June 2022.**
  - Our previous on-call engineering agreement with VHB, Inc. expired on June 30<sup>th</sup>.
- **The SNHPC TAC has previously appointed a small Subcommittee to work with staff to review and score proposals from prospective engineering firms.**



# Ten-Year Plan Project Evaluation Criteria

- The nine Regional Planning Commissions utilize the same set of criteria to evaluate and prioritize projects for inclusion in the Ten-Year Plan.
  - The criteria are weighted individually by each region to reflect the unique needs/priorities of that region.
- **The SNHPC completed its regional weighting process for Ten-Year Plan criteria at the July meeting.**



# Ten-Year Plan Project Evaluation Criteria

Ten-Year Plan Criteria		Definition	SNHPC Weighting (2023-2032 TYP)
<b>Economic Development</b>	Local and Regional Economic Dev.	The degree to which a project supports economic development needs and opportunities at the local and regional level.	<b>6.29%</b>
	Freight Movement	The degree to which the project impacts the movement of goods.	<b>5.73%</b>
<b>Equity, Environmental Justice, and Accessibility</b>	Equity and Environmental Justice	The degree to which a project benefits traditionally-underserved populations.	<b>4.26%</b>
	Accessibility	The degree to which a project ensures accessibility by all potential users.	<b>7.44%</b>
<b>Mobility</b>	Mobility Need and Performance	A historical analysis of the mobility need and performance (e.g. level of congestion, delay, etc) of a location for all modes.	<b>7.44%</b>
	Mobility Intervention	A forward-looking analysis of how interventions proposed as part of a project would improve the mobility performance for all modes.	<b>6.63%</b>
<b>Natural Hazard Resiliency</b>	Hazard Risk	An analysis of the natural hazard risks (i.e. flood history) to a transportation facility.	<b>5.41%</b>
	Hazard Mitigation	A forward-looking analysis of how the natural hazard mitigation measures proposed as part of a project would reduce hazard risks.	<b>5.82%</b>
<b>Network Significance</b>	Traffic Volume	The extent to which transportation infrastructure is currently utilized by vehicles, bicycles, and pedestrians.	<b>8.79%</b>
	Facility Importance	The importance of the facility to the local and the regional transportation system (e.g. available of alternate routes, etc).	<b>8.05%</b>
<b>Safety</b>	Safety Performance	A historical analysis of the safety performance (i.e. crash history) of a location over the past five (5) year period for all modes.	<b>7.44%</b>
	Safety Measures	A forward-looking analysis of how the countermeasures proposed as part of a project would improve safety performance for all modes.	<b>9.81%</b>
<b>State of Repair</b>	State of Repair	The degree to which the project improves infrastructure condition in the project area (e.g. pavement condition, bridge condition, etc).	<b>8.34%</b>
	Maintenance	The degree to which the project impacts NHDOT and/or municipal maintenance requirements.	<b>4.20%</b>
<b>Support</b>	Support	The degree of documented support for the project at the local, regional, or statewide level.	<b>4.33%</b>



# Ten-Year Plan Project Solicitation

- The SNHPC has sent correspondence to all communities in the region asking them to review Ten-Year Plan projects and consider the following questions:
  1. *Are there any new projects needed in your community that you would like to be considered for inclusion in the Ten-Year Plan?*
  2. *Are there any projects currently on the Ten-Year Plan in your community that are no longer needed?*
  3. *Are there any projects currently on the Ten-Year Plan in your community that should be advanced, delayed, or revised in scope or cost?*

**Responses are due September 15, 2020.**





# Ten-Year Plan Project Solicitation

- **If a community wishes to submit a new project for consideration, a Project Proposal Form is required.**
  - The form can be completed and submitted electronically at <https://tinyurl.com/SNHPC10YearPlan>
  - Hard copy and PDF versions of the form have also been sent to all municipalities in the SNHPC region.
- **As always, the SNHPC staff is available to provide technical assistance to municipalities for scoping Ten-Year Plan projects and preparing Project Proposal Forms.**



# Ten-Year Plan Regional Schedule

- **Week of July 27, 2020** – TYP solicitation correspondence sent to SNHPC communities.
- **Tuesday, September 15, 2020** – TYP project submissions due to the SNHPC.
- **September to October 2020** – Candidate projects undergo review by SNHPC on-call engineering consultant and “shortlisting” by the SNHPC TAC and MPO.
- **November 6, 2020** – “Shortlist” of candidate projects due to NHDOT.
- **December 2020 to February 2021** – NHDOT review of candidate projects.
- **March 31, 2021** – Final regional priorities due to NHDOT.



# Questions?