

# Overview of Ten-Year Transportation Improvement Plan Update Process and Criteria

SNHPC MPO Meeting  
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# Ten-Year Plan Overview

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## TEN YEAR TRANSPORTATION IMPROVEMENT PLAN

2017 - 2026

### 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

June 24, 2016

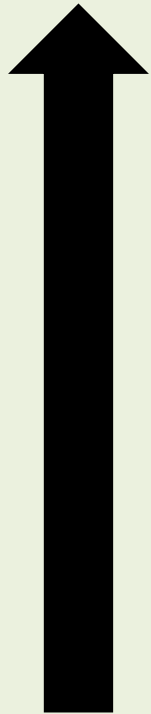
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- Pursuant to RSA 228:99 and RSA 240, the SNHPC works collaboratively with the NHDOT to develop the Ten-Year Transportation Improvement Plan (TYP).
- The TYP is updated biennially.
- The current update of the TYP will cover FY 2019-2028.
- The SNHPC's regional priorities are due to the NHDOT by April 30, 2017.



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

**Construction**



FY 2017-  
FY 2020

**Transportation  
Improvement Program (TIP)**

Federal  
Requirement

FY 2017-  
FY 2026

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

State  
Requirement

FY 2017-  
FY 2040

**Regional Transportation  
Plan (RTP)**

Federal  
Requirement

**Concept**



# Ten-Year Plan Regional Schedule

Date	Task
<b>Complete</b>	Project Solicitation Correspondence Sent to Communities, NHDOT, and Transit Providers
<b>Complete</b>	Presentation to TAC about Ten-Year Plan Criteria and Process
<b>Complete</b>	Ten-Year Plan Criteria Weighting Exercise with TAC
<b>Today</b>	MPO Consideration of TAC-recommended Criteria Weighting
3/15/17	Ten-Year Plan Project Submissions due from Communities
3/16/17	Presentation to TAC about Submitted Projects, Appointment of TAC Scoring Subcommittee
Week of 3/27/17	TAC Scoring Subcommittee Work Session(s) to Evaluate and Prioritize Ten-Year Plan Projects
4/20/17	TAC Review of Scoring Subcommittee Recommendations, and Development of Ten-Year Plan Project Priorities
4/25/17	MPO Review of TAC Prioritization Recommendation, and Adoption of Final Ten-Year Plan Priorities for the SNHPC Region
4/28/17	Submission of Correspondence to NHDOT Detailing the SNHPC Region's Ten-Year Plan Priorities



# Ten-Year Plan Criteria

- There are ten criteria used to evaluate and prioritize projects in the Ten-Year Plan process.
- All Regional Planning Commissions and the NHDOT have agreed to use these ten criteria, **but RPCs may assign criteria weights that reflect the unique needs and priorities of their region.**
- The SNHPC TAC has developed recommended criteria weights for the MPO's consideration.



# Ten-Year Plan Criteria

- **Criterion #1: Reduce Congestion**
- **Definition:** The extent to which the project is intended to impact traveler delay upon completion.
- Previous SNHPC Weighting (2017-2026 TYP): 11.9%
- Proposed SNHPC Weighting (2019-2026 TYP): **13.9%**



# Ten-Year Plan Criteria

- **Criterion #2: Freight Mobility**
- **Definition:** The degree to which the project impacts movement of goods.
- Previous SNHPC Weighting (2017-2026 TYP): 4.5%
- Proposed SNHPC Weighting (2019-2026 TYP): **5.6%**



# Ten-Year Plan Criteria

- **Criterion #3: Alternative Modes**
- **Definition:** The extent to which the project impacts accommodations for alternative modes of travel including bicycle, pedestrian and transit, where so desired.
- Previous SNHPC Weighting (2017-2026 TYP): 9.2%
- Proposed SNHPC Weighting (2019-2026 TYP): **11.5%**





# Ten-Year Plan Criteria

- **Criterion #4: Traffic Volume**
- **Definition:** A measure of motor vehicle volume based on the NHDOT traffic data management system.
- Previous SNHPC Weighting (2017-2026 TYP): 4.2%
- Proposed SNHPC Weighting (2019-2026 TYP): **8.8%**



# Ten-Year Plan Criteria

- **Criterion #5: Facility Importance**
- **Definition:** The extent to which the facility moves people and goods between major locations.
- Previous SNHPC Weighting (2017-2026 TYP): 10.4%
- Proposed SNHPC Weighting (2019-2026 TYP): **9.2%**



# Ten-Year Plan Criteria

- **Criterion #6: Safety Measures**
- Definition: The degree to which the scope of the project focuses on measures that increase safety.
- Previous SNHPC Weighting (2017-2026 TYP): 13.2%
- Proposed SNHPC Weighting (2019-2026 TYP): **13.5%**



# Ten-Year Plan Criteria

- **Criterion #7: Safety Performance**
- **Definition:** A composite measure of 5-year average safety performance (e.g., crash rate, crash severity, etc.).
- Previous SNHPC Weighting (2017-2026 TYP): 11.8%
- Proposed SNHPC Weighting (2019-2026 TYP): **10.9%**



# Ten-Year Plan Criteria

- **Criterion #8: Roadway Surface Life**
- **Definition:** The extent to which the project impacts asset condition/service life of a roadway.
- Previous SNHPC Weighting (2017-2026 TYP): 10.0%
- Proposed SNHPC Weighting (2019-2026 TYP): **8.9%**



# Ten-Year Plan Criteria

- **Criterion #9: Bridge Asset Condition**
- **Definition:** The degree to which a bridge requires work based on existing structural conditions, as determined by inspections and management system ratings.
- Previous SNHPC Weighting (2017-2026 TYP): 10.0%
- Proposed SNHPC Weighting (2019-2026 TYP): **8.9%**



# Ten-Year Plan Criteria

- **Criterion #10: Project Support**
- Definition: The degree to which a project has local, regional, or statewide support.
- Previous SNHPC Weighting (2017-2026 TYP): 14.7%
- Proposed SNHPC Weighting (2019-2026 TYP): **8.8%**



# Ten-Year Plan Regional Schedule

Ten-Year Plan Criteria		Definition	Previous Weighting (2017-2026 TYP)	TAC Recommended Weighting (2019-2028 TYP)
<b>Mobility</b>	Reduce Congestion	The extent to which the project is intended to impact traveler delay upon completion.	11.9%	<b>13.9%</b>
	Freight Mobility	The degree to which the project impacts movement of goods.	4.5%	<b>5.6%</b>
<b>Alternative Modes</b>		The extent to which the project impacts accommodations for alternative modes of travel including bicycle, pedestrian and transit, where so desired.	9.2%	<b>11.5%</b>
<b>Network Significance</b>	Traffic Volume	A measure of motor vehicle volume based on the NHDOT traffic data management system.	4.2%	<b>8.8%</b>
	Facility Importance	The extent to which the facility moves people and goods between major locations.	10.4%	<b>9.2%</b>
<b>Safety</b>	Safety Measures	The degree to which the scope of the project focuses on measures that increase safety.	13.2%	<b>13.5%</b>
	Safety Performance	A composite measure of 5-year average safety performance (e.g., crash rate, crash severity, etc.).	11.8%	<b>10.9%</b>
<b>State of Repair</b>	Roadway Surface Life	The extent to which the project impacts asset condition/service life of a roadway.	10.0%	<b>17.8% (Total for State of Repair)</b>
	Bridge Asset Condition	The degree to which a bridge requires work based on existing structural conditions, as determined by inspections and management system ratings.	10.0%	
<b>Project Support</b>		The degree to which a project has local, regional, or statewide support.	14.7%	<b>8.8%</b>





**Questions?**