

Review of the Draft 2019-2028 Ten-Year Transportation Improvement Plan

SNHPC MPO Meeting
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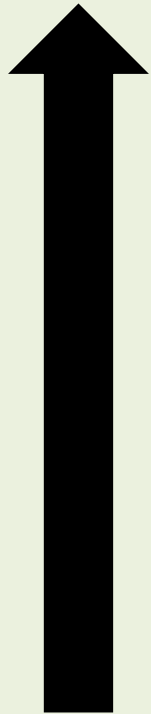
What is the SNHPC's Role in the Development of the Ten-Year Plan?

- Under RSA 240, Regional Planning Commissions solicit transportation projects from their region's municipalities and partner agencies (e.g. public transportation providers).
- Following the solicitation of projects, Regional Planning Commissions facilitate a series of meetings where municipal representatives jointly evaluate and prioritize projects from throughout the region.
- This process occurs in each of the nine Regional Planning Commissions in New Hampshire to ensure that local and regional project priorities are meaningfully considered by the NHDOT in the development of the Ten-Year Plan.



How Does the Ten-Year Plan Fit Into the Project Development Process?

Construction



FY 2017-
FY 2020

**Transportation
Improvement Program (TIP)**

Federal
Requirement

FY 2019-
FY 2028

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

State
Requirement

FY 2017-
FY 2040

**Regional Transportation
Plan (RTP)**

Federal
Requirement

Concept



The SNHPC's Process for the 2019-2028 Ten-Year Plan

Date	Task
1/16/17	Project Solicitation Correspondence Sent to Communities, NHDOT, and Transit Providers
1/19/17	Presentation to the SNHPC Technical Advisory Committee (TAC) about Ten-Year Plan Criteria and Process
2/16/17	Ten-Year Plan Criteria Weighting Exercise with TAC
2/28/17	SNHPC Metropolitan Planning Organization (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
4/3/17	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
5/5/17	Submission of Correspondence to NHDOT Detailing the SNHPC Region's Ten-Year Plan Priorities



The SNHPC's Evaluation Criteria for the 2019-2028 Ten-Year Plan

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



Project Proposals from SNHPC Communities for the Ten-Year Plan

- Nine project proposals were received from SNHPC Communities and partner agencies.
- Based on a revenue projection provided by the NHDOT, the SNHPC anticipated that approximately \$8.23 Million in new projects could be added in the region.
 - New projects would be programmed in the “out years” of the Ten-Year Plan (FY 2027 and FY 2028).



The SNHPC's Project Priorities for the 2019-2028 Ten-Year Plan

Rank	Community	Project	Estimated Cost (2017 Dollars)	Included in the 2019-2028 Ten-Year Plan
1	Manchester	Operational Improvements at the I-293 Exit 1 Interchange (South Willow Street)	\$1,500,000	YES
2	Bedford/ Goffstown	Corridor Study of NH 114 and New Boston Road	\$900,000	NO
3	Londonderry	Safety and Operational Improvements at the Intersection of NH Route 28/NH Route 128	\$1,000,000	YES
4	Candia	Safety and Operational Improvements on NH Route 27, NH Route 43, and Raymond Road	\$4,320,000	YES
5	Manchester	Phase III of the South Manchester Rail Trail (Perimeter Rd. to Londonderry Town Line)	\$850,000	NO
6	Bedford	U.S. Route 3 Widening from Hawthorne Drive to Manchester Airport Access Road (Additional Funding)	\$17,600,000 (Supplemental)	NO
7	Londonderry	Operational and Capacity Improvements at the Intersection of NH Route 28/Stonehenge Road	\$1,000,000	NO
8	Weare	Deck Replacement for the NH Route 77 Bridge Over Canal 2 of Choate Brook	\$2,500,000	YES
9	Manchester	Deck Replacement for the Huse Road Bridge over I-293/NH Route 101	\$2,500,000	YES

Projects recommended by the SNHPC for inclusion in the Ten-Year Plan



New Regional Projects in the 2019-2028 Ten-Year Plan

- **Operational Improvements at the I-293 Exit 1 Interchange (Manchester)**
 - Advancement of a long-standing project in the 2017-2040 SNHPC Metropolitan Transportation Plan.
 - Programmed for \$2.12 Million in FY 2028.
- **Safety and Operational Improvements at the Intersection of NH Route 28/NH Route 128 (Londonderry)**
 - Realignment and signalization of the intersection proposed by the Town of Londonderry.
 - Programmed for \$1.41 Million in FY 2028.



New Regional Projects in the 2019-2028 Ten-Year Plan

- **Safety and Operational Improvements on NH 27, NH 43, and Raymond Road (Candia)**
 - Realign the geometry of the intersection of NH Route 43/Main Street and NH 43/Raymond Road to "T" intersections;
 - Construct a new connector road from NH Route 27 to NH Route 43;
 - Construct a new intersection between NH Route 27/Raymond Road/New Connector Road.
 - Programmed for \$6.11 Million in FY 2028.
- **Rehabilitation of NH Route 77 Bridge over Canal 2 of Choate Brook (Weare)**
 - Programmed for \$4.20 Million in FY 2028.



New Regional Projects in the 2019-2028 Ten-Year Plan

- **Rehabilitation of Huse Road Bridge over I-293 (Manchester)**
 - Only State “Red List” bridge in the SNHPC Region that was not previously programmed for funding.
 - Programmed for \$3.71 Million in FY 2025-2026.
- **Rehabilitation of I-93 SB Bridge over Stevens Pond (Manchester)**
 - Has recently emerged as a concern for the NHDOT Bureau of Bridge Design.
 - Programmed for \$16.0 Million in FY 2027-2028.



Regional Projects Not Funded in the 2019-2028 Ten-Year Plan

- **Corridor Study of NH 114 and New Boston Road (Bedford/Goffstown, Estimated Cost \$900,000)**
 - Complete a corridor study and develop/evaluate infrastructure improvement concepts for the following roads:
 - NH Route 114 from NH Route 101 to Mast Road
 - New Boston Road from NH Route 114 to Chestnut Hill Road
- **Phase III of the South Manchester Rail Trail (Perimeter Road to the Londonderry Town Line, Estimated Cost \$850,000)**
 - The project is the third phase of the South Manchester Rail Trail project, and would build upon the soon-to-be-completed extension from Gold Street to Perimeter Road



Status of Key Regional Projects in the Ten-Year Plan

- **I-93 Expansion (Salem to Manchester)**
 - This Ten-Year Plan would see the completion of the I-93 Expansion.

Key I-93 Projects in the SNHPC Region Include:

1. The I-93 NB and SB Mainline Reconstruction from Exit 5 to the I-293 Split is scheduled to be completed in FY 2019.
2. The I-93 NB and SB Mainline Reconstruction from Exit 4 to Exit 5 is also scheduled to be completed in FY 2019.
3. The Exit 4 Interchange Reconstruction NH 102 approach work is scheduled to be completed in FY 2020.
4. The construction of a 4th lane from Exit 1 to Exit 5 is scheduled to be completed in FY 2020.



Status of Key Regional Projects in the Ten-Year Plan

- **Construction of I-93 Exit 4A (Derry-Londonderry)**
 - Remains funded in the Ten-Year Plan, with construction starting in FY 2019 and continuing through FY 2022.
 - Total project cost estimate is unchanged from last Ten-Year Plan at \$56.69 Million.
 - NHDOT and consulting team are currently working on the Supplemental Draft Environmental Impact Statement (SDEIS) for the project.
- **Open Road Tolling on F.E. Everett Turnpike (Bedford-Merrimack)**
 - Construction delayed from 2017-2018 to 2019-2021.
 - Total project cost estimate increased from \$8.8 Million to \$19.68 Million.



Status of Key Regional Projects in the Ten-Year Plan

- **Reconstruction of I-293 Exit 6 and 7 (Manchester)**
 - Fully-funded in the Ten-Year Plan with Turnpike Program dollars and has been split into three projects.
 - Preliminary Engineering and Right-of-Way Acquisition
 - Estimated cost of \$10.6 Million
 - Funding programmed in 2024.
 - Exit 6 Improvements
 - Estimated cost of \$78.6 Million
 - Construction funding programmed in 2019, 2022-2023, and 2026-2028.
 - Exit 7 Improvements
 - Estimated cost of \$52.2 Million
 - Construction funding programmed in 2024-2026.



Public Transportation Considerations in the Ten-Year Plan



- The SNHPC has worked with MTA, CART, and NHDOT to re-orient projects in the Ten-Year Plan to better reflect local transit needs.
- The SNHPC supports the continued transfer of \$800K per year of STBG funding to support the Section 5310 Purchase of Service program for elderly and disabled transportation around NH (including CART and MTA shuttle services).

Proposed Ten-Year Plan

Operating
Assistance

Preventative
Maintenance

Capital
Program

Mobility
Management

Planning



Rail Transportation Considerations in the Ten-Year Plan

- The draft Ten-Year Plan does not include any advancement of the proposed “Capitol Corridor” rail development project.
- The SNHPC remains strongly supportive of the development of passenger rail service in Southern New Hampshire.
- The State of New Hampshire should consider pursuing a Public-Private Partnership (PPP) with one or more of the private companies that have publicly stated their interest in extending passenger rail service into New Hampshire.



GACIT Hearings in the SNHPC Region

Please go out and have your say about the 2019-2028 Ten-Year Plan! There are two more GACIT Hearings in the SNHPC Region.

- Monday, October 2, 2017 at 7:00 PM at the Bedford Cable Meeting Room (10 Meetinghouse Road in Bedford)
 - Hosted by Councilor Chris Pappas
- Thursday, October 26, 2017 at 7:00 PM at the City of Manchester Aldermanic Chambers (1 City Hall Plaza in Manchester).
 - Hosted by Councilor Chris Pappas and Councilor Andru Volinsky



Questions?