

FY 2025-2034 Ten-Year Transportation Improvement Plan Regional Priorities

SNHPC TAC Meeting
March 16, 2023

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Deputy Executive Director





Current Status of Ten-Year Plan Update Process

Date	Activity	Status
June 2, 2022	TYP Solicitation Correspondence sent to SNHPC Communities	Complete
June 16, 2022	Regional TYP Criteria Weightings Recommended by TAC	Complete
June 28, 2022	Regional TYP Criteria Weightings Adopted by MPO	Complete
July 29, 2022	TYP Project Submissions due to the SNHPC	Complete
August 17, 2022	SNHPC TAC Appoints TYP Project Evaluation Workgroup	Complete
August-October 2022	Candidate Projects Undergo Engineering Review and Initial Evaluation	Complete
November 10, 2022	"Shortlist" of Regional Candidate Projects due to NHDOT	Complete
December 2022-February 2023	NHDOT Conducts Review of Candidate Projects	Complete
March 31, 2023	Final Regional Priorities due to NHDOT	Pending



Initial Project Priorities

- In November, the SNHPC identified the following four projects as initial regional priorities fitting within the regional allocation of \$10.558 Million:
 1. **Bedford** – NH Route 101 Corridor Study Update
 2. **Manchester** – Exit 8/Wellington Road Interchange Improvements (Intersection Capacity Improvements with Limited Bike Lanes)
 3. **Deerfield** – Convert Intersection of NH Route 107/Candia Road/Church Street to a Roundabout
 4. **Londonderry** – Phase 7 of Londonderry Rail Trail
- Beyond the four initial project priorities, the SNHPC also submitted two additional projects to NHDOT for review:
 - **Bedford** – NH Route 101 Multi-use Path
 - **Windham** – Windham Greenway Improvements



NHDOT Review of Projects

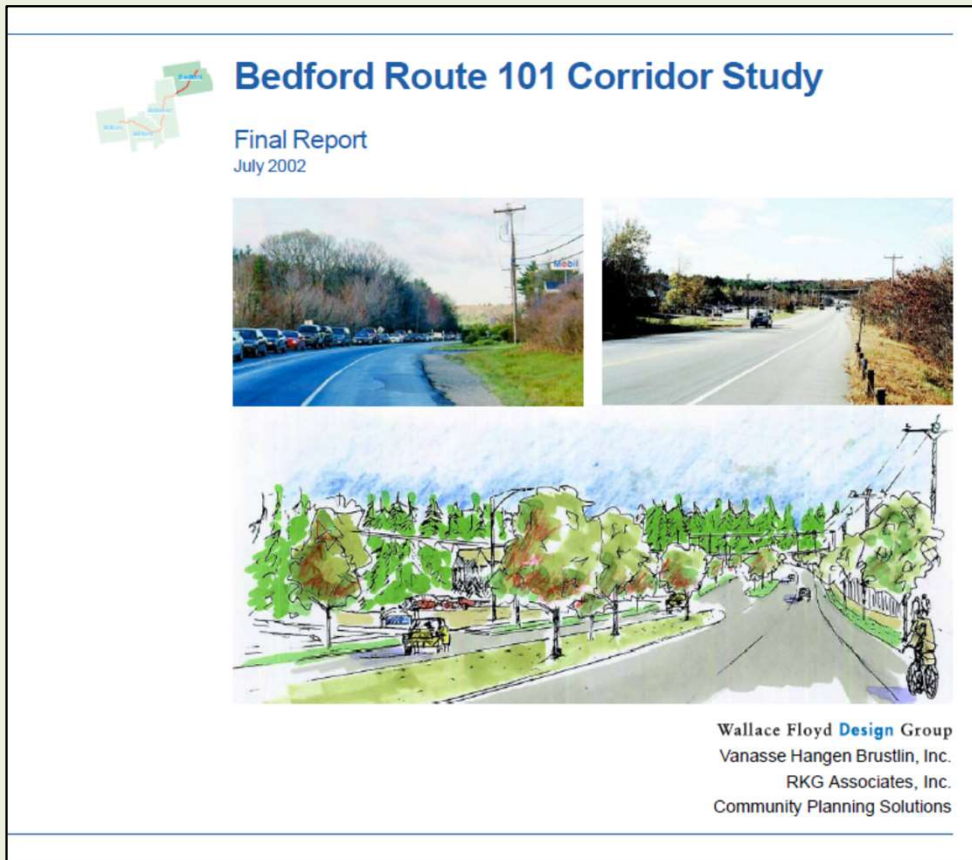
- NHDOT's internal Ten-Year Plan Committee has reviewed the submitted projects and provided comments to SNHPC.
- One of the SNHPC's initial priority projects (Phase 7 of the Londonderry Rail Trail) will be funded through the CMAQ program and will not count against the SNHPC's regional Ten-Year Plan allocation.
- **The assumed inflation rate for Ten-Year Plan projects is increasing from 2.8% to 3.7%.**



FY 2025-2034 Ten-Year Plan Project Proposals

TOWN OF BEDFORD

Initial Priority #1: NH Route 101 Corridor Study Update



- This project involves updating the 2002 Corridor Study to reflect current conditions.
- This would allow for an alternatives analysis of the 3-lane, 5-lane, and potentially other concepts through a comprehensive public process.



FY 2025-2034 Ten-Year Plan Project Proposals

TOWN OF BEDFORD

Initial Priority #1: NH Route 101 Corridor Study Update

- NHDOT and SNHPC agree that this is engineering phase work that should occur within the Wilton-Milford-Amherst-Bedford series of Route 101 projects.
- The cost estimate is \$300,000 in today's dollars (\$457,639 in Year-of-Expenditure dollars).
- The project will be 100% federally funded and matched with turnpike toll credits.



FY 2025-2034 Ten-Year Plan Project Proposals

CITY OF MANCHESTER

Initial Priority #2: I-93 Exit 8/Wellington Road Interchange Improvements



- Project was previously submitted for Ten-Year Plan consideration in the last update cycle.
- SNHPC is proceeding with a phased version of the project *“Intersection Capacity Improvements with Limited Bicycle Lanes”*.



FY 2025-2034 Ten-Year Plan Project Proposals

CITY OF MANCHESTER

Initial Priority #2: I-93 Exit 8/Wellington Road Interchange Improvements

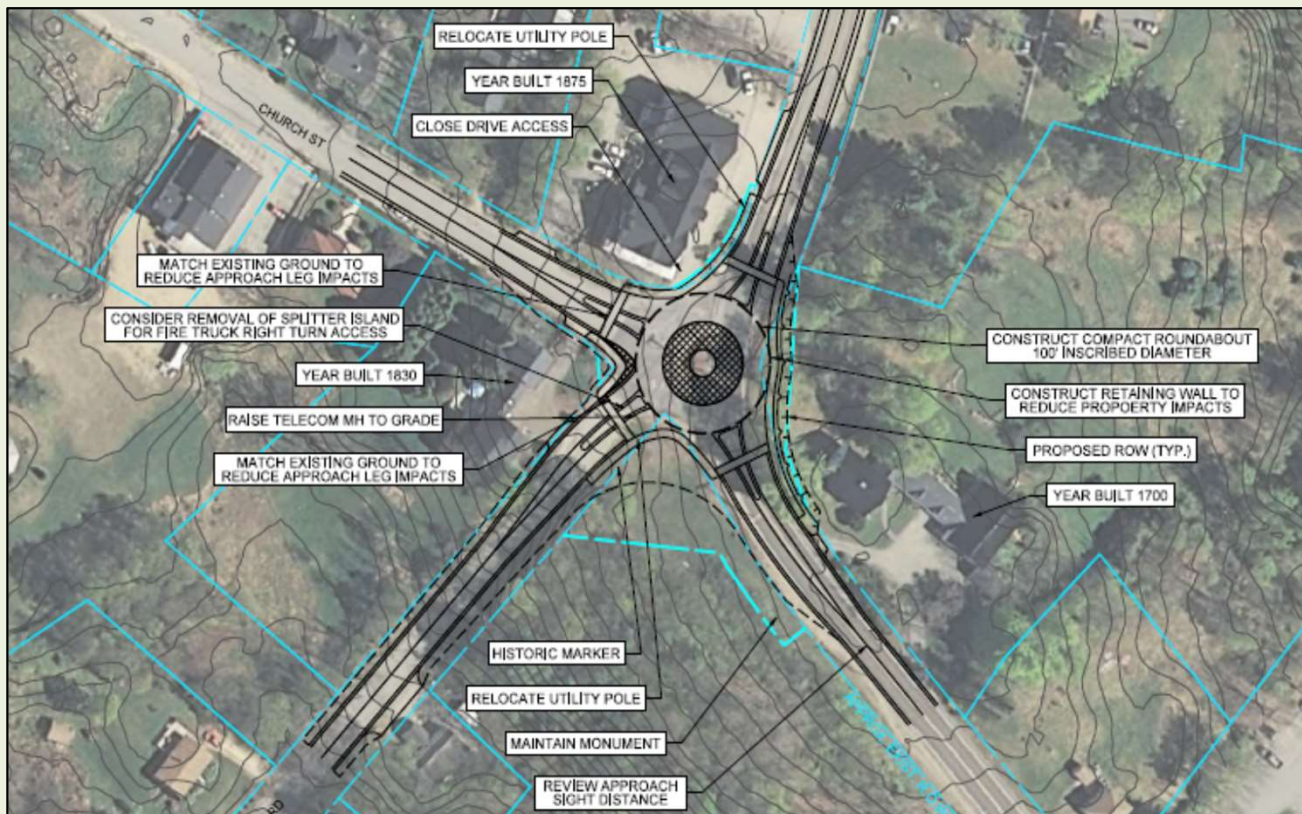
- NHDOT and SNHPC agree on the scope of work and understand that the bicycle lanes may be extended east in a subsequent phase of the project.
- The cost estimate is \$4,124,000 in today's dollars (\$6,427,718 in Year-of-Expenditure dollars).
- The project will be 100% federally funded and matched with turnpike toll credits.



FY 2025-2034 Ten-Year Plan Project Proposals

TOWN OF DEERFIELD

Initial Priority #3: Convert Intersection of NH Route 107/Candia Road/Church Street to a Roundabout



- Project was previously submitted for Ten-Year Plan consideration in the last update cycle.
- Project was assigned to VHB to update the cost estimate for the 4-leg roundabout concept.



FY 2025-2034 Ten-Year Plan Project Proposals

TOWN OF DEERFIELD

Initial Priority #3: Convert Intersection of NH Route 107/Candia Road/Church Street to a Roundabout

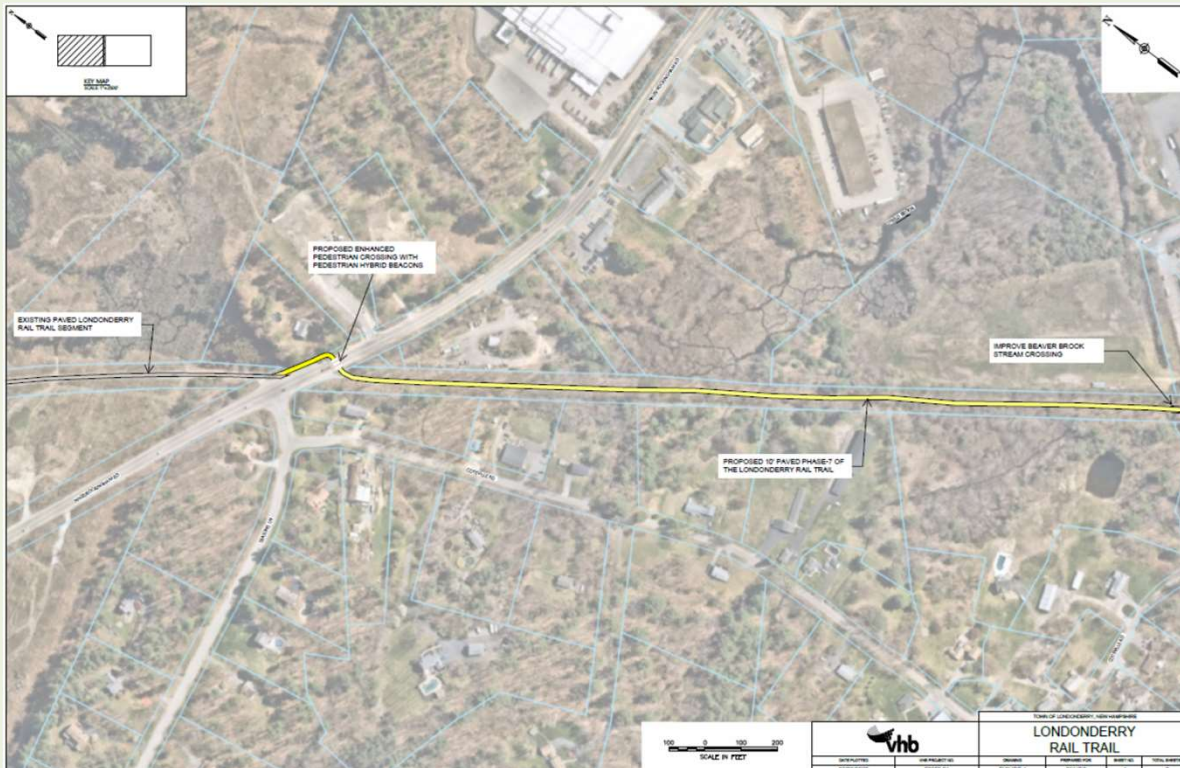
- NHDOT's cost estimate (\$1,948,700) is higher than VHB's original estimate (\$1,557,000). On a year of expenditure basis, NHDOT's estimate translates to \$3,029,120.
- The project will be programmed as an "Intersection Improvement at NH Route 107/Candia Road/Church Street" to avoid prescribing a specific design (roundabout) in the scope of the project.
- The project will be 100% federally funded and matched with turnpike toll credits.



FY 2025-2034 Ten-Year Plan Project Proposals

TOWN OF LONDONDERRY

Initial Priority #4: Construction of Phase 7 of the Londonderry Rail Trail from NH Route 28 to the Derry Town Line



- The project involves the construction of a 10' wide paved rail trail with 2' gravel shoulders for a total width of +/-14 feet.
- Crossing of NH Route 28 would necessitate a Pedestrian Hybrid Beacon.



FY 2025-2034 Ten-Year Plan Project Proposals

TOWN OF LONDONDERRY

Initial Priority #4: Construction of Phase 7 of the Londonderry Rail Trail from NH Route 28 to the Derry Town Line

- NHDOT's cost estimate (\$860,000) is higher than VHB's original estimate (\$641,000). This difference is largely in the cost of PE phase work.
- **This project will be funded via the CMAQ program and will not count against the SNHPC's regional TYP allocation.** When the project is programmed for CMAQ funding, NHDOT will work with the Town to ensure that the amount of CMAQ funding programmed is sufficient to complete the project.



Additional Regional Projects

Bedford Route 101 Multi-Use Path

- Not able to be funded in this Ten-Year Plan update due to the limitations of the SNHPC's regional allocation.
- The ultimate plan for this project should be determined from the pending Route 101 Corridor Study update.

Windham Greenway Trail Improvements

- Not able to be funded in this Ten-Year Plan update due to the limitations of the SNHPC's regional allocation.
- The project would make a good Transportation Alternatives Program (TAP) candidate in the next solicitation.


Londonderry Route 28 Capacity Improvements

- Further scoping of this project is needed to be a viable TYP candidate.



Proposed Deployment of Regional Allocation

SNHPC Ten-Year Plan Final Project Priorities

<i>Initial Priority</i>	<i>Community</i>	<i>Project Scope</i>	<i>Project Cost (Current Year)</i>	<i>Project Cost (Current Year with NHDOT Indirect Costs)</i>	<i>Amount to be Programmed in Ten-Year Plan</i>
High 	Bedford	NH Route 101 Corridor Study Update (<i>Wallace Road to Amherst Town Line</i>)	\$300,000	\$330,000	\$457,639
	Manchester	Exit 8/Wellington Road Improvements (<i>Capacity Improvements Incl. Limited Bicycle Lanes</i>)	\$4,124,000	\$4,536,400	\$7,071,401
	Deerfield	Intersection Improvements (<i>NH Route 107/Church St./Candia Rd.</i>)	\$1,948,700	\$2,143,570	\$3,029,120
	Londonderry	Phase 7 of the Londonderry Rail Trail	<i>Funded via CMAQ Program</i>		
	<i>Subtotal</i>				\$10,558,160
	<i>SNHPC FY 2025-2034 Ten-Year Plan Regional Allocation</i>				\$10,558,160
	<i>Difference</i>				\$0



Questions?