

**NRPC FY 2025-2034
Ten Year Transportation Plan
Final Project Listing Discussion
(TTAC Meeting March 8th, 2023)**



FY 2025-2034 Ten Year Plan

Today's Discussion

- Review Ten Year Plan project selection process & the initial list of prioritized projects
- Discuss NHDOT's comments about the projects
- Recommendation by TTAC that the NRPC Policy Committee adopt the final list of projects

Required Planning Documents

Construction



Year 1-4

Transportation Improvement Program (TIP)

- Comprised of projects in the first four years of the TYP.
- Encompasses all federally funded projects in the region.
- Fiscally constrained in accordance with known revenues.
- Updated every two years at the conclusion of the TYP process.

Federal Requirement

Year 5-10

Ten-Year Transportation Improvement Plan (TYP)

- State-level funding commitment for listed projects.
- Encompasses all surface and air transportation projects in NH.
- Fiscally constrained against known and anticipated revenues.
- Regions are provided funding allocations for new projects.

State Requirement

Year 11-20+

Metropolitan Transportation Plan (MTP)

- Identifies long-term project needs to meet regional goals.
- Inclusion in the MTP does not constitute a funding commitment.
- Fiscally constrained against known and anticipated revenues.
- Projects in the MTP form the "pipeline of projects" for the TYP.

Federal Requirement

Concept

FY 2025-2034 Ten Year Plan

Project Selection Process

- \$7.393 Million Allocation.
- 17 project proposals.
- On-Call Engineer review of project scope and costs.
- Subcommittee scored & ranked projects using weighted criteria.
- TTAC met to prioritize projects.
- NRPC MPO adopted the initial prioritized list.
- Initial list of prioritized projects was submitted to NHDOT for review.

2025 – 2034 Ten Year Plan Project Selection

NH State Ten Year Plan (SFY 2025-34) Project Solicitation/Selection Timeline	
Project solicitation begins	6/3/2022
NRPC staff available to meet with communities to discuss projects	6/6 - 7/19/2022
Project proposals due to NRPC	8/5/2022
NRPC staff summarizes project submissions in preparation for scope/cost review	8/5 - 8/12/2022
Scope/cost review by engineering team	9/12 - 10/7/2022
Project presentations at TTAC	9/14/2022
Project scoring team reviews & scores projects	9/15 - 10/7/2022
TTAC meeting to prioritize projects	10/12/2022
NRPC finalizes projects for NHDOT review	11/4/2022
NRPC candidate projects & supporting documentation due to NHDOT	11/10/2022
NHDOT Project Engineering & Cost Review concludes	2/1/2023
TTAC recommends regional project priorities for the State TYP	3/8/2023
NRPC Commissioners finalize regional priorities for the State TYP	3/15/2023
NRPC submits priority projects to NHDOT for inclusion in the draft Ten Year Plan	3/31/2023

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METROPOLITAN PLANNING ORGANIZATION

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Project proposals due to NRPC	44778
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Project presentations at TTAC	9/14/2022
Project scoring team reviews & scores projects	9/15 - 10/7/2022
TTAC meeting to prioritize projects	44846
NRPC finalizes projects for NHDOT review	11/4/2022
NRPC candidate projects & supporting documentation due to NHDOT	44875
NHDOT Project Engineering & Cost Review concludes	44958
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2025 – 2034 Ten Year Plan Project Selection

METROPOLITAN PLANNING ORGANIZATION

NRPC MPO Initial Prioritized List of Projects for the FY2025-2034 NH Ten Year Transportation Plan

Project Description				Estimated cost			Rank
Muni.	Project Name	Project Type	Scope	Federal (2034)	Local (2034)	Total (2034 Dollars)	
Merrimack	US3/DW Highway over Souhegan River (Chamberlain Br)	Asset Management & Bike/Ped	Rehabilitation and safety improvements for the Bridge over Souhegan River bridge on DW Highway	\$2,319,764	\$579,941	\$2,899,705	1
Amherst	NH122 & Merrimack Rd Roundabout and sidepath	Highway bike-ped	Roundabout at the intersection of NH122 & Merrimack Rd	\$900,490	\$225,123	\$1,125,613	2
Hudson	NH/102 Derry Rd sidewalks	Bike-ped	Route 102 (aka Derry Road) sidewalks from residential neighborhoods to Hills Garrison Elementary School, Rogers Memorial Library and Alvirne High School.	\$2,704,634	\$676,159	\$3,380,793	3
Litchfield	NH3A/Corning Rd Intersection improvements	Highway Improvements	Intersection of NH 3A and Corning Road	\$1,055,493	\$263,873	\$1,319,366	4
Merrimack	Naticook/Camp Sargent	Highway Improvements	Naticook Road/Camp Sargent Road triangle intersection safety improvements	\$422,830	\$105,707	\$528,537	5
Biennial Allocation:				\$7,393,412	\$1,850,803	\$9,254,014	
Total Project Cost				\$7,403,211			
Available Balance:				-\$9,799			
Next Two Priorities							
Pelham	Old Bridge Street Sidewalk Expansion & Pedestrian Bridge over Beaver Brook	Bike-ped	Old Bridge Street from Marsh Road to NH Route 38, with crossing of Beaver Brook	\$2,073,026	\$518,256	\$2,591,282	6
Amherst	Baboosic Greenway Segment -Amherst North 03	Bike-ped	Sidepath along the north of Amherst St (NH 122) from NH101 interchange to Courthouse Road	\$1,304,340	\$326,085	\$1,630,425	7



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2025 – 2034 Ten Year Plan Project Selection

- **Initial Priority #1: Merrimack – US3/DW Highway over Souhegan River (Chamberlain Bridge)**
 - Project Scope – Initial proposal was to rehab the bridge & put sidewalks on both sides (currently only 1 side).
 - NHDOT proposes to replace the bridge.
 - 2022 NRPC Estimate = \$2,200,000.
 - 2022 NHDOT Estimate = \$5,600,000.
 - Year of Expenditure (3.7% inflation) = \$7,945,993.
 - The Town has been notified by NHDOT that this bridge is eligible for state bridge aid funding & the Town has agreed to apply for funding through that process.
 - This project will therefore not need to be included in the NRPC final list of proposed Ten Year Plan projects.

Total Cost Year of Expenditure		
Federal Funds (80%)	Local Funds (20%)	Total
\$6,356,794	\$1,589,199	\$7,945,993

2025 – 2034 Ten Year Plan Project Selection

➤ Initial Priority #2: Amherst – NH122 & Merrimack Rd Roundabout & Side Path

- Project Scope – Install a modern roundabout at the intersection & a 650-foot-long side path to Benning Street.
- 2022 NRPC Estimate = \$854,000.
- 2022 NHDOT Estimate = \$2,000,000.
- Year of Expenditure (3.7% inflation) = \$2,788,304.
- Local match has increased over initial estimate – Town has been notified.

Total Cost Year of Expenditure		
Federal Funds (80%)	Local Funds (20%)	Total
\$2,230,643	\$557,661	\$2,788,304

2025 – 2034 Ten Year Plan Project Selection

- **Initial Priority #3: Hudson – NH102/Derry Road sidewalk**
 - Project Scope – Construct sidewalk to fill gaps St. Patrick Cemetery to Alvirne High School & install rapid flashing beacons near 3 main school entrances.
 - 2022 NRPC Estimate = \$2,565,000.
 - 2022 NHDOT Estimate = \$2,565,000.
 - Year of Expenditure (3.7% inflation) = \$3,640,700.
 - Local match has increased over initial estimate – Town has been notified.

Total Cost Year of Expenditure		
Federal Funds (80%)	Local Funds (20%)	Total
\$2,912,560	\$728,140	\$3,640,700

2025 – 2034 Ten Year Plan Project Selection

➤ Initial Priority #4: Litchfield – NH3A/Corning Road Intersection improvements

- Project Scope – Widen NH3A to accommodate a SB left turn lane onto Corning Road, realign Corning Road approach to eliminate skew, incorporate traffic signals.
- 2022 NRPC Estimate = \$1,001,000.
- 2022 NHDOT Estimate = \$1,655,000.
- Year of Expenditure (3.7% inflation) = \$2,521,377.
- Local match not required.

Total Cost Year of Expenditure		
Federal Funds (80%)	Local Funds (20%)	Total
\$2,017,102	n/a toll credit	\$2,521,377

2025 – 2034 Ten Year Plan Project Selection

- **Initial Priority #5: Merrimack - Naticook/Camp Sargent roadway improvements**
 - Project Scope – Realign intersection to accommodate a modern roundabout.
 - 2022 NRPC Estimate = \$796,000.
 - 2022 NHDOT Estimate = \$1,000,000.
 - Year of Expenditure (3.7% inflation) = \$1,393,971.
 - Local match has increased over initial estimate – Town has been notified.

Total Cost Year of Expenditure		
Federal Funds (80%)	Local Funds (20%)	Total
\$1,115,177	\$278,794	\$1,393,971

2025 – 2034 Ten Year Plan Project Selection

- **Initial Priority #6: Pelham – Old Bridge Street sidewalk extension & Pedestrian Bridge over Beaver Brook**
 - Project Scope – Paved sidewalk with granite curbing along west edge of Old Bridge Street.
 - 2022 NRPC Estimate = \$1,966,000.
 - 2022 NHDOT Estimate = \$1,966,000.
 - Year of Expenditure (3.7% inflation) = \$2,676,675.
 - Local match has increased over initial estimate – Town has been notified.

Total Cost Year of Expenditure		
Federal Funds (80%)	Local Funds (20%)	Total
\$2,141,340	\$535,335	\$2,676,675

2025 – 2034 Ten Year Plan Project Solicitation

NRPC MPO Updated Prioritized List of Projects for the FY2025-2034 NH Ten Year Transportation Plan

Project Description				NHDOT Estimated cost			Rank
Muni.	Project Name	Project Type	Scope	Federal (2034)	Local (2034)	Total (2034 Dollars)	
Merrimack	US3/DW Highway over Souhegan River (Chamberlain Br)	Asset Management & Bike/Ped	Rehabilitation and safety improvements for the Bridge over Souhegan River bridge on DW Highway	\$6,356,794	\$1,589,199	\$7,945,993	1
Amherst	NH122 & Merrimack Rd Roundabout and sidepath	Highway bike-ped	Roundabout at the intersection of NH122 & Merrimack Rd	\$2,230,643	\$557,661	\$2,788,304	2
Hudson	NH/102 Derry Rd sidewalks	Bike-ped	Route 102 (aka Derry Road) sidewalks from residential neighborhoods to Hills Garrison Elementary School, Rogers Memorial Library and Alvirne High School.	\$2,912,560	\$728,140	\$3,640,700	3
Litchfield	NH3A/Corning Rd Intersection improvements	Highway Improvements	Intersection of NH 3A and Corning Road	\$2,017,102	\$504,275	\$2,521,377	4
Biennial Allocation:				\$7,393,412			
Total Federal:				\$7,160,305			
Available Balance:				\$233,107			
Merrimack	Naticook/Camp Sargent	Highway Improvements	Naticook Road/Camp Sargent Road triangle intersection safety improvements	\$1,115,177	\$278,794	\$1,393,971	5
Pelham	Old Bridge Street Sidewalk Expansion & Pedestrian Bridge over Beaver Brook	Bike-ped	Old Bridge Street from Marsh Road to NH Route 38, with crossing of Beaver Brook	\$2,141,340	\$535,335	\$2,676,675	6
Amherst	Baboosic Greenway Segment -Amherst North 03	Bike-ped	Sidepath along the north of Amherst St (NH 122) from NH101 interchange to Courthouse Road	Not reviewed by NHDOT			7

2025 – 2034 Ten Year Plan Project Solicitation

NRPC MPO Updated Prioritized List of Projects for the FY2025-2034 NH Ten Year Transportation Plan

Project Description				NHDOT Estimated cost			Rank
Muni.	Project Name	Project Type	Scope	Federal (2034)	Local (2034)	Total (2034 Dollars)	
Merrimack	US3/DW Highway over Souhegan River (Chamberlain Br)	Asset Management & Bike/Ped	Rehabilitation and safety improvements for the Bridge over Souhegan River bridge on DW Highway	\$6,356,794	\$1,589,199	\$7,945,993	1
Amherst	NH122 & Merrimack Rd Roundabout and sidepath	Highway bike-ped	Roundabout at the intersection of NH122 & Merrimack Rd	\$2,230,643	\$557,661	\$2,788,304	2
Hudson	NH/102 Derry Rd sidewalks	Bike-ped	Route 102 (aka Derry Road) sidewalks from residential neighborhoods to Hills Garrison Elementary School, Rogers Memorial Library and Alvirne High School.	\$2,912,560	\$728,140	\$3,640,700	3
Litchfield	NH3A/Corning Rd Intersection improvements	Highway Improvements	Intersection of NH 3A and Corning Road	\$2,017,102	\$504,275	\$2,521,377	4
Merrimack	Naticook/Camp Sargent	Highway Improvements	Naticook Road/Camp Sargent Road triangle intersection safety improvements	\$1,115,177	\$278,794	\$1,393,971	5
			Biennial Allocation:	\$7,393,412			
			Total Federal:	\$8,275,482			
			Available Balance:	-\$882,070			
Pelham	Old Bridge Street Sidewalk Expansion & Pedestrian Bridge over Beaver Brook	Bike-ped	Old Bridge Street from Marsh Road to NH Route 38, with crossing of Beaver Brook	\$2,141,340	\$535,335	\$2,676,675	6
Amherst	Baboosic Greenway Segment -Amherst North 03	Bike-ped	Sidepath along the north of Amherst St (NH 122) from NH101 interchange to Courthouse Road	Not reviewed by NHDOT			7

FY 2025-2034 Ten Year Plan

Further Discussion & Motion to Adopt Final Prioritized List of Nashua MPO FY2025-2034 Ten Year Plan Projects

METROPOLITAN PLANNING ORGANIZATION



Value yesterday. Enhance tomorrow. Plan today.

2025 – 2034 Ten Year Plan Project Selection

Next Steps

- **Today**
 - TTAC recommends adoption of final project list by NRPC MPO Policy Committee.
- **March 15th**
 - NRPC MPO Policy Committee adopts final project list.
- **March 31st**
 - Deadline for submitting project list to NHDOT.
- **September - December**
 - GACIT hearings.
- **January – June (2024)**
 - NH Legislature consideration and approval
 - Governor signs into law.