Meeting Location

Date of Meeting

Governor's Advisory Commission on Intermodal Transportation

2025-2034 Draft Ten Year Plan Overview Fall Public Hearings



Please Take Our Online Survey – NHDOT Planning Ahead 2034 https://metroguestsurvey.com/yn8w8t



Ten Year Plan Website – NH Department of Transportation

Ten Year Plan | Department of Transportation (nh.gov)



Ten Year Plan Process



Presentation Outline

- High Level Funding Summary
- Review Strategies
- Review Funding Synopsis
- State of Infrastructure
- RPC Priority Projects
- Book Information
- Online Survey



9/7/2023

High Level Overview

Funding - Federal (FHWA, FTA, FAA, FRA)

- IIJA Reauthorization 2022-2026
- New Programs (FHWA)
 - Bridge Program (BRGBIL, MOBIL, Bridge Exempt)
 - National Electric Vehicle Infrastructure (NEVI)
 - PROTECT
 - Carbon Reduction Program

Funding - State

- Road Toll Revenues
 - Turnpike
 - Betterment
 - SB367



/7/2023

High Level Overview

Funding – Project Impacts

- Increase inflation from 2.8% to 3.7% in Draft TYP
 - Inflation increased project costs of \$100M over the TYP years

Higher project costs

- Escalation of construction materials, specifically steel, concrete, and Asphalt
- Workforce shortage Increase labor costs

Average A	Annual % Differ	Average Annual % Difference Over Time													
Item Group	10 Years	10 Years 3 Years													
Roadway Excavation	15%	23%	27%												
Select Materials	12%	12%	37%												
Hot Mix Asphalt	5%	11%	22%												
Structural Concrete	13%	23%	83%												
Steel Reinforcing	9%	3%	35%												
Structural Steel	18%	42%	75%												



Proposed Draft Ten Year Plan Strategies

Recommend Federal Formula Funding: \$234M/Year average

- 2025-2026 IIJA Funding
- Assume level federal revenue 2027- 2034
- Maintain & extend all programs by 2 years (FY 2033 2034)
- Invest in maintenance & preservation of infrastructure
- Dedicate \$69M to new RPC Priority Projects (FY 2033 2034)

Delay Turnpike Capital Projects

- Nashua-Merrimack-Bedford Move completion from FY 2028 to 2031
- Manchester Exit 6 & 7 Delay start FY 2027 to FY 2032
- Bow-Concord Delay start FY 2026 to 2029 (Non-Turnpike portion also delayed)



Funding Synopsis

						5-2034 Ten \ ram Dollars	'ear Plan by Fiscal Year						
				Road and Bri									
			Highway Fu	unded					1	n-Highway Fund	led		
				SB367									
FY	FHWA ^{1,2,3}	Betterment ⁴				Other ⁸ Matching Funds	Sub Total	Turnpike Improvement	Turnpike R&R	Rail	Transit ⁹	Airport 10	TYP FY Total
2025	\$ 373.16	\$ 21.80	\$ 16.48	\$ 2.19	\$ 34.67	\$ 12.88	\$ 461.18	\$ 40.58	\$ 25.30	\$ 2.10	\$ 35.44		
2026	\$ 300.67	\$ 33.75	\$ 7.98			\$ 7.35	\$ 375.23				\$ 32.79		
2027	\$ 280.75		\$ 7.61			\$ 0.80		10000					\$ 471.64
2028	\$ 269.98		\$ 7.24			\$ 2.05							
2029	\$ 267.98	\$ 44.98	\$ 6.88			\$ 4.53							
2030	\$ 266.59	\$ 20.38	\$ 6.56			\$ 0.70							
2031	\$ 265.08	\$ 20.23	\$ 6.23			\$ 1.15							
2032	\$ 261.00	\$ 20.05	\$ 5.91			\$ 0.18							\$ 495.77
2033	\$ 255.99	20.05	\$ 5.60			\$ 0.13							\$ 460.12
2034 Program Total	\$ 257.86 2,799.06		\$ 5.28 \$ 75.77			\$ 0.13 \$ 29.90							
Program Total	% FHWA of Highw			\$ 212.84	\$ 30.73	\$ 29.90	\$ 3,432.08	\$ 500.12	\$ 200.30	\$ 12.00	\$ 402.16	\$ 340.53	3 4,892.19
	70 KITWA OF FINANCE	ray Fullus	82 %										
Revenue	\$2,710.28	\$277.76		\$325.35		\$29.90	\$3,343.29	\$500.12	\$200.30	\$12.00	\$402.16	\$345.53	\$4,803.41
Surplus/(Deficit)	(\$88.79)	\$0.00		\$0.00		\$0.00	(\$88.79)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$88.79

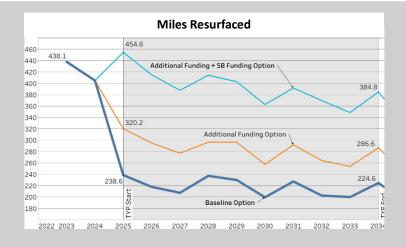
\$4.9 Billion Transportation Plan - \$227M (4.9%) over current TYP

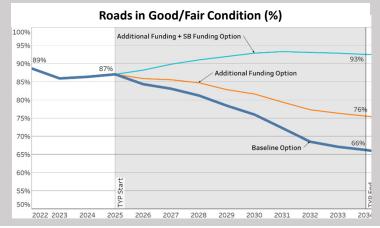
- Road and Bridge mode \$4.1B (84%) of total plan
- Rail, Transit, Airports (Other modes) \$760M (16%) of total plan
- FHWA category is the large funding source in the TYP
 - 82% of Highway Funded categories, 57% of total TYP funding
 - Use prohibited for operations & maintenance
- SB367 Pledged Paving/Bridge converted to Debt Service



State of the Infrastructure –

Road Condition Projections





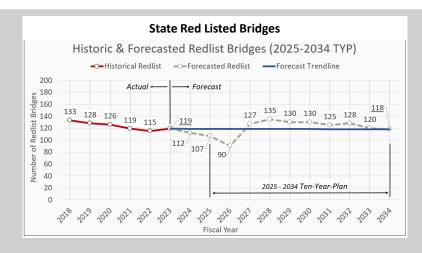
Previous Avg. Investment = \$88M Projected Avg. Investment = \$75M

- Overall paving miles decrease through the Draft TYP years due to the conversion of SB367 Pledged paving to Debit Service, plus inflation.
 - \$20M/Year decrease in state funds, Betterment and SB367
- For Comparison Only:
- \$19M/Year potential funds to offset decreased SB367 funds
 - Additional funds:
 - \$3M Betterment (orange line) and
 - add \$16M (teal line)
- Conditions for the next 10 years are expected to decline from 87% to 66% good/fair with current funding



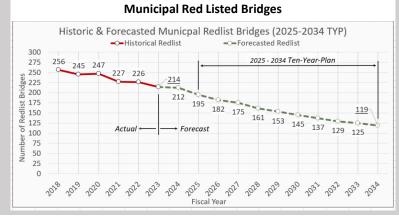
State of the Infrastructure –

Red Listed Bridges



State Red Listed Bridge Summary

- Additional \$156M State Bridge Investment
- Bridges removed from State red list 138
- Predicted 118 remain at end of Draft TYP



Municipal Red List Bridge Summary

- 214 municipally owned, red-listed bridges.
- 43 already enrolled with the NHDOT for rehabilitation or replacement.
- 55 additional bridges recently enrolled with NHDOT for rehabilitation or replacement.
- Predicted 119 remain at end of Draft TYP



State of the Infrastructure

Active Transportation



Public Transit



Continue to enhance active transportation opportunities

- Investment in active transportation components through construction projects
- Investments through mandated federal programs including
 - Transportation Alternatives
 - Recreation Trails
 - CMAQ funding Current 2022 Grant Round

Recent transit highlights

- SFY22: 1 statewide & 8 regional mobility manager positions funded
- SFY24-25 biennium = \$2.3M in state operating match
- Post-pandemic ridership continues to slowly recover

Transit challenges that remain

- Limited services, in terms of geographic coverage and frequency of service
- Increasingly aging population seeking transportation services
- Driver shortage (especially CDL)
- Transit providers' ability to obtain required non-federal match
- Creating a connected network of services

Regional Priorities

RPC	PROJECT NAME	NUMBER	SCOPE SUMMARY	2025	2026	2027	2028	2029	2030	2031	34	032	2033		2034	-
NCC				69	1029	2427			2230	2031			2733			
	SHELBURNE	44215	Raise the profile of US2 from approximately 2,100' south of North Rd. intersection to approximately 2,350' north of Grumpy Old Man Rd. intersection (near the reflection pond)					\$ 659,563			\$ 1	147,103		\$	3,005,618	\$
	GORHAM	44216	Construct approximately 1.5 miles of sidewalk & bike shoulder					\$ 635,819			\$ 1	169,169		\$	4,254,825	\$
			Construct approximately 1.5 miles of sidewalk & bike shoulder from approximately 2400' north of the US 2 intersection to approximately 1400' south of the Pisani St. intersection.													
UVISRIC														Sele	cted total:	5
	LEBANON	44234	Complete St. improvements to Hanover St. from the NH120 intersection to the High St. intersection approximately 1400lf.			\$ 590,366				\$ 57,251			\$ 5,383,879			\$
			Improvements will include bike lanes, sidewalks and intersection safety improvements.													
1000														Sele	cted total:	\$
LRPL	MEREDITH	43533				\$ 490,669			\$ 68,397		\$ 5,2	222,171				\$
			Intersection improvements to the Laker Lane, True Rd, Quarry Rd and Patrician Shore Circle intersections with NH 25.													
	LACONIA	44217	Rehabilitation of Union Ave from the intersection with Main St											\$	3,248,586	\$
			to the Gilford Ave intersection - approximately 3,000°. Project													
			will include bike/ped, ADA & stormwater improvements. The design has been completed by City so no PE/ROW shown.													
CMRR														Sele	cted total:	\$
Janot	SWANZEY	44218	Bicycle, pedestrian and traffic calming improvements for					\$ 659,563		\$ 70,927			\$ 4,265,495			\$
			approximately 7,650ff of NH10 from the intersection with South Winchester St. to the intersection with North Winchester													
			91.											Section	cted total:	
CNHRPC															coro cotar:	i
	HOPKINTON	44219	Intersection improvements to the intersection of NH103 & NH127 (Fountain Square) to improve safety and add bicycle & pedestrian amenities for approximately 1.600ff.					\$ 659,563		\$ 70,927			\$ 2,517,013			\$
	HILLSBOROUGH	44220	Safety & functional improvements to the intersection of NH31,					\$ 659,563		\$ 70,927			\$ 1,406,507			\$
			NH9 & 2nd NH Tumpike.											Sele	cted total:	\$
SRPC	SOMERSWORTH	44260								\$ 64,479			\$ 5,685,814	_		\$
			Complete St. improvements to Main St. from the intersection with Indigo St. to John Parson Dr. (approximately 3,700LF).													
	LEE	44261	Intersect realignment & elimination of connector between George Bennet Rd & Lee Hook Rd. ~600ff					\$ 395,738		\$ 7,093			\$ 839,004			\$
			George service no a title rook no. 'Soon											Sele	cted total:	\$
SNHRPC	BEDFORD	13692F	Traffic and safety improvements consistent with the intent of										\$ 457,635			\$
	MANCHESTER	44221	the 2002 corridor study. Capacity improvements and limited bicycle lanes to the I-93						\$ 580,688		\$	58,841		s	6,806,433	
			Exit 8/Wellington Rd. area from Circular Dr. to Eastern Ave									30,010			.,,	
	DEERFIELD	44223	(approximately 1.4 miles). Intersection safety/function improvements to NH107/ Candia						\$ 314,625		\$	57,370		\$	2,657,125	\$
			Rd/Church St. intersection.											Sele	cted total:	5
RPC	PORTSMOUTH	44225	Engineering study to update the [circa 2000] Portsmouth Circle					\$ 1,100,000								\$
			feasibility study.					- 4, 200,000								
	HAMPTON	44226	Construct bike/ped improvements including sidewalks and bike						\$ 683,967		\$ 2	294,207		\$	5,916,323	\$
			lanes between Nudd & Dunston Aves (approximately 4,750ff)											Spile	cted total:	\$
NRPC											_					
	AMHERST	44227	intersection improvements to the NH122/Merrimack Rd intersection including bike and pedestrian accommodations for						\$ 497,431		\$ 1	133,730		\$	2,157,142	\$
	HUDSON	44228	approximately 1,000ff. Construct pedestrian improvements including approximately						\$ 273.587		5	66.865		\$	3,300,428	- 6
		*********	7,455lf of sidwalk to eliminate existing gaps in the network,						- 210,000						January 148	-
			Rapid Rectangular Flashing Beacons & drainage improvements between Ledge & Alvirne Roads.													
	LITCHRELD	44229	Intersection safety improvements to NH3A/Corning Rd. intersection (approximately 1,400LF).						\$ 547,174		\$ 1	147,103		\$	1,827,100	\$
	MERRIMACK	44230	Intersection re-alignment @ the intersection of Naticook Lake & Camp Sargent Roads. (approximately 1,000LF).						\$ 248,715							\$

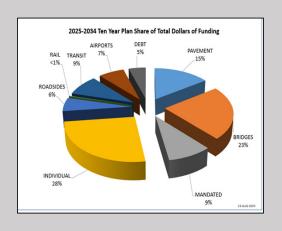


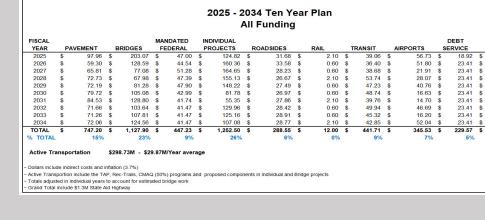
Regional Planning Presentation

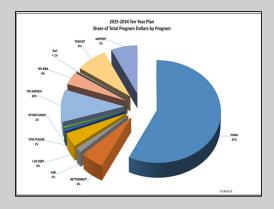
RPC Presenter Information



Book Information — Charts & Graphs







2025-2034 Ten Year Plan Total Program Dollars by Fiscal Year																													
		Road and Bridge Mode														Other Modes													
					Highway F	unded		_		_					Non-Highway Funded														
						SB367		Т														_							
FY	F	HWA ^{1,2,3}		ent ⁴	SAB 5,5,7	I-93 Debt Service	TIFIA Pledger Paving & Bridge	Ot	her ⁸ Matching Funds		Sub Total		npike vement	Turnpike	R&R	Rail			А	TYP FY Total									
2025	\$	373.16	\$	21.80	\$ 16.48				12.88	\$	461.18	\$	40.58		25.30	\$	2.10			56.73		21.3							
2026	\$	300.67		33.75				\$	7.35		375.23	\$	52.15		26.00		0.60			51.80		38.							
2027	\$	280.75		41.44				\$	0.80		354.01	\$	40.17		20.00		0.60			21.91		71.							
2028	\$	269.98		35.04				\$	2.05		337.71		41.50		17.70		2.10			28.07		77.							
2029	\$	267.98		44.98				\$	4.53		347.77		38.73		7.60		0.60			40.76		189.							
2030	\$	266.59		20.38				\$	0.70		317.63		27.93		18.00		0.60			16.63		25.							
2031	\$	265.08		20.23				\$	1.15		316.09		30.79		18.40		2.10			14.70		18.							
2032	\$	261.00		20.05				\$	0.18		310.55		73.43		18.70		0.60			46.69		95.							
2033	\$	255.99		20.05				\$	0.13		305.17		78.73		9.10		0.60			16.20		60.							
2034	\$	257.86 2,799,06		20.05 277.76				\$	0.13 29.90		306.73 3.432.08		76.10 500.12		19.50		2.10			52.04 345.53	\$ 4.8	94.							
Program Total	% FH	WA of Highw		211.10	82%	\$ 212.84	\$ 30.7) \$	29.90	3	3,432.08	3	500.12	\$ 20	10.30	•	12.00	\$ 402.10	3	340.03	3 4,8	92.							
Revenue		\$2,710.28	\$.	277.76		\$325.35			\$29.90		\$3,343.29		\$500.12	\$20	00.30	\$	12.00	\$402.16		\$345.53	\$4,8	03.							
Surplus/(Deficit)		(\$88.79)		\$0.00		\$0.00			\$0.00		(\$88.79)		\$0.00		0.00		0.00	\$0.00		\$0.00	(\$	88.							

GRAND

TOTAL

471 64

477.22

425.91

418.24

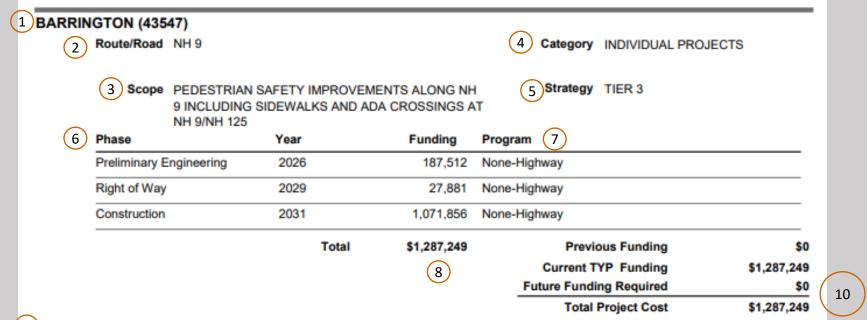
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Book Information - Projects





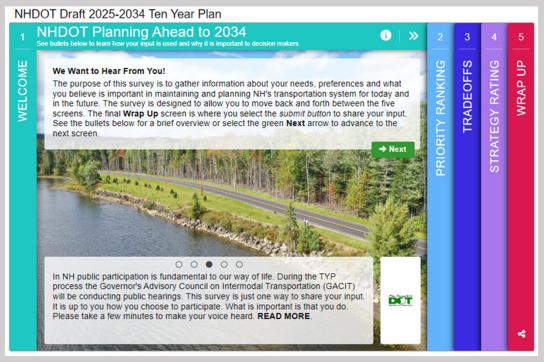


Projects for Discussion/Feedback

- Corridor Study Implementation Plan 43037 Rankings
- Statewide Interstate Rehabilitation (4R) Projects 44483
 - Funded potential 6 projects (TBD)
 - PE/ROW within the TYP
 - Construction outside TYP
- Statewide 40915 Interstate Exit Sign Renumbering



Please Take Our Online Survey







https://metroquestsurvey.com/yn8w8t

Ten Year Plan Process



Public Comments

Send written comments to:

William E. Watson, P.E. Administrator
Bureau of Planning and Community Assistance
New Hampshire Department of Transportation
7 Hazen Drive P.O. Box 483 Concord, NH 03302-0483

or

William.E.WatsonJr@dot.nh.gov

Comments should be received no later than **November 3, 2023**

Visit this site for additional information https://www.dot.nh.gov/projects-plans-and-programs/ten-year-plan

