

BARRINGTON
BROOKFIELD
DOVER
DURHAM
FARMINGTON
LEE
MADBURY
MIDDLETON
MILTON



NEW DURHAM
NEWMARKET
NORTHWOOD
NOTTINGHAM
ROCHESTER
ROLLINSFORD
SOMERSWORTH
STRAFFORD
WAKEFIELD

February, 2015

Dear Madbury Community Representative

The New Hampshire Department of Transportation (NHDOT) has begun the development of the 2017-2026 Ten-Year Transportation Improvement Plan (referred to as the "Ten Year Plan"). Every two years, Strafford Regional Planning Commission (SRPC) requests feedback from municipalities and regional transit providers to reaffirm their support for already programmed transportation projects and to nominate new projects for inclusion in the upcoming Ten Year Plan. This is a critical time for communities and their MPOs. The project solicitation process is a chance for the Strafford region as a whole to present its transportation needs, challenges, and goals to officials at NHDOT and members of the Governor's Advisory Council on Intermodal Transportation, who are part of the process for managing New Hampshire's transportation funding.

The project solicitation process primarily concerns state- and federally-owned roads, bridges, and related infrastructure that are eligible for federal funding through the Federal Highways Administration, and public transit agencies that are funded through the Federal Transit Authority. Please note that for several years federal and state transportation revenues have not kept pace with demand for projects in New Hampshire. For this reason, rigorous fiscal constraint forms the backbone of statewide transportation funding. There continues to be a great deal of competition for limited public funds. For each fiscal year, SRPC can theoretically receive approximately 10% of the total federal funding resources allocated to the State of New Hampshire. Projects submitted through the solicitation process are ranked according to specific criteria. Based on these rankings, the projects that fit within the 10% allocation are submitted to NHDOT for inclusion in the next Ten Year Plan.

Table 1 shows existing statewide resources, SRPC's approximate 10% share of the funding, and the total programmed dollars (money allocated for specific projects in the region) for fiscal years 2015-2018. It is important to note that the amount for programmed dollars is well below SRPC's theoretical share in each year.

Table 1				
Fiscal Year	Statewide Resources for Federal Aid Projects (FHWA)	SRPC Share of Federal Funds (10.01%)	Amount Programmed for Strafford Region	Difference Between Theoretical Funding and Programmed Projects
2015	\$174,960,542	\$17,671,015	\$9,096,537	\$8,574,478
2016	\$179,137,090	\$18,092,846	\$12,064,951	\$6,027,895
2017	\$184,869,477	\$18,671,817	\$5,445,916	\$13,225,901
2018	\$190,785,301	\$19,269,315	\$6,519,418	\$12,749,897

Source: 2015-2018 Transportation Improvement Program

The project solicitation process is an important part of “making the case” for increasing investment of transportation dollars in Strafford region communities. In order to draw additional funding to the region, the needs and goals of the region and its communities must be clearly stated. This document is designed to promote reflection prior to discussion with SRPC staff, when we will record information about local and regional needs and goals for transportation. These meetings will primarily center around three points:

- Your planning priorities.
- Projects listed for your community or agency in the current New Hampshire Ten Year Plan and the Strafford Region Metropolitan Transportation Plan (2015-2040).
- Detailed information about any new projects being proposed (we have created a Google form that can be filled out and sent back online).

After this information is compiled, regional priorities and project information will be reviewed and ranked by SRPC staff. Projects will be ranked using criteria developed collaboratively by NHDOT, Municipal Planning Organizations (MPOs), and Regional Planning Commissions (RPCs). Detailed information about the scoring criteria is available upon request. While ranking projects for the Ten Year Plan development process is primarily quantitative in nature, *qualitative* information about local/regional needs and goals is equally important. As SRPC staff communicate with state transportation officials and decision-makers, qualitative information is an important part of “telling the story” of transportation in the Strafford region. Take this time to consider your community or agency’s future transportation needs, challenges, and goals:

- How can transportation investment boost local economic development?
- Are there demographic trends (e.g. aging statewide populations) that will impact transportation costs or needs?
- What specific needs, challenges, or goals are identified in your community master plan, capital improvement plan, or agency plan?
- How will local transportation infrastructure be affected by extreme weather events that are projected to increase throughout the state?
- Are there specific intersections or major routes that pose safety concerns?
- Are there areas of local traffic congestion?

Project Solicitation Schedule and Timeline

During the months of January and February, SRPC staff will solicit information from municipalities and transit providers. First SRPC staff will send out project solicitation packets. Second SRPC staff will meet with municipalities and regional transit providers to discuss their planning priorities and projects as well as overall transportation goals, needs, and challenges. This process needs to be completed by February 27th in order for SMPO staff and Technical Advisory Committee members to rank projects and submit a regional report to NHDOT by April 24th.

January 19-31: Staff contact municipalities/regional agencies .

Jan 31 - Feb 28: SRPC staff meet with municipalities/regional agencies.

March – April 1: SRPC staff reviews municipal/regional agency priorities and projects.

April 03: SMPO Technical Advisory Committee reviews results.

April 17: SMPO Policy Committee approves project ranking results.

April 24: SRPC submits regional projects to NHDOT.

Thank you for your attention to this matter, we look forward to meeting with you to discuss your municipal priorities and to discuss potential transportation projects. If you need assistance in completing the application, or if you have any questions or comments about this process or New Hampshire's Ten Year Plan, don't hesitate to contact us.

Sincerely,
Colin Lentz
Regional Transportation Planner

And

Cynthia Copeland, AICP
Executive Director



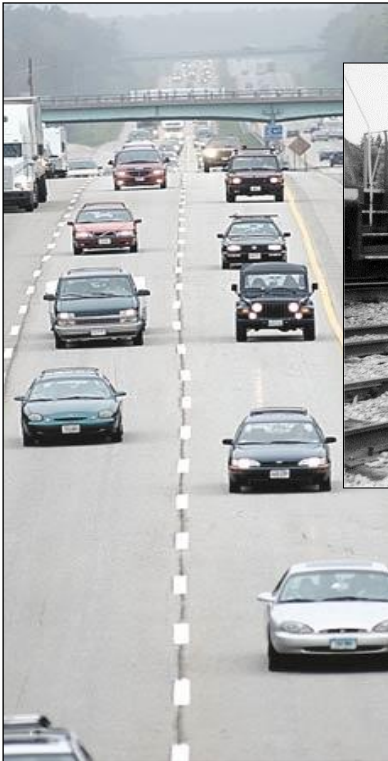
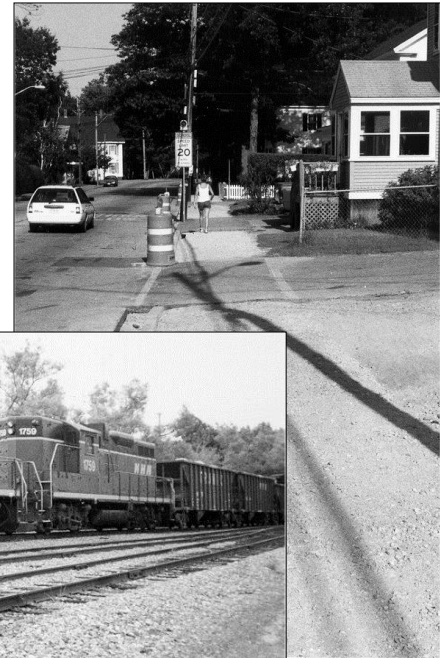
2015 Ten Year Plan Project Solicitation Workbook

A Local Voice in Statewide Transportation Planning

1. PLANNING PRIORITIES FOR MUNICIPALITIES AND REGIONAL AGENCIES

This process is designed to ensure that local needs and planning priorities are reflected in the statewide transportation planning process. At in-person meetings with municipal representatives, staff will discuss planning priorities with you in more detail. In preparation, consider both local planning priorities and what your municipality or agency believes *regional* planning priorities should be. Please use the sheets below to rank planning priorities on a 1-5 scale, and identify your top five priorities. Planning Priority scores will help the Technical Advisory Committee determine which transportation projects will be submitted to NHDOT for inclusion in the draft 2017-2026 Ten-Year Plan.

- 1 = HIGH IMPORTANCE
- 2 = MEDIUM IMPORTANCE
- 3 = NEUTRAL IMPORTANCE
- 4 = NOT IMPORTANT
- 5 = NEED MORE INFORMATION



TRANSPORTATION PLANNING PRIORITIES

Corridor Studies

Examples: Route 16 Corridor Study - Retrospect

1 2 3 4 5

Regional Coordinated Plan Activities

Examples: Alliance for Community Transportation, Regional Brokerage System, North Bus

1 2 3 4 5

Public Transportation

Examples: COAST, Wildcat Transit - Service within the same region

1 2 3 4 5

Inter-City Public Transportation

Examples: C&J Trailways, - Service from one region to another

1 2 3 4 5

Passenger Rail Service

Example: Downeaster

1 2 3 4 5



Regional/State Rideshare Program

Examples: Seacoast Commuter Options, NH Rideshare

1 2 3 4 5

Recreational Opportunities

Example: Rail Trails

1 2 3 4 5

Pedestrian Infrastructure

Examples: Walkability - Green and Complete Streets, Signs, Safe Routes to School,

1 2 3 4 5

Bicycle Infrastructure

Example: Bike Lanes, Trails, Bike Racks

1 2 3 4 5

Maintenance/Operations of Existing Road Networks

Examples: Sidewalk and Road Plowing, Repaving Roads

1 2 3 4 5

Adding Capacity to Road Networks

Examples: New Roads, Adding Lanes to Existing Roads

1 2 3 4 5

Bridges

Examples: Maintenance, Replacement, Rehabilitation, Emergency Repair

1 2 3 4 5

Intelligent Transportation Systems (ITS) Projects

Examples: Traveler Information Systems: 511, Signalized Intersections, Smart Work Zones

1 2 3 4 5

Safety and Security Improvement Projects

Examples: Access Management, Intersection Improvements

1 2 3 4 5

Infrastructure Resilience to Extreme Weather

Examples: Culverts + Bridges

1 2 3 4 5



Emergency Management

Examples: Evacuation Routes, Infrastructure Security

1 2 3 4 5

Incident Management Projects

Examples: Improved Coordination with Regional Agencies to Reduce Response Time to Incidents

1 2 3 4 5

Inter-Modal Freight Options

Examples: Improved Rail Infrastructure, Improved Linkages Between all Freight Modes

1 2 3 4 5

Alternative Fuel Vehicles/Infrastructure

Examples: Alternative Fuels – Compressed Natural Gas, Bio-Fuels, etc.

1 2 3 4 5

Funding for Local Match of Federal Funds

Examples: Local Option Fee

1 2 3 4 5

Other (Please Explain): _____

ORGANIZATIONAL PLANNING PRIORITIES

Identify your organization's top five priorities, from the list above. The organizational priorities and regional priorities may be the same or may be different. Please explain why your priorities are ranked this way; it will help in the project ranking process.

#1 _____

Please Explain:

.....
#2 _____

Please Explain:

.....
#3 _____

Please Explain:

.....
#4 _____

Please Explain:

.....
#5 _____

Please Explain:

REGIONAL PLANNING PRIORITIES

Identify your organization's top five regional priorities, from the list above. Again, the municipal priorities and regional priorities may be the same or may be different. Please explain why your priorities are ranked this way; it will help in the project ranking process.

#1 _____

Please Explain:

.....
#2 _____

Please Explain:

.....
#3 _____

Please Explain:

.....
#4 _____

Please Explain:

.....
#5 _____

Please Explain:

TRANSPORTATION PLANNING – A PERFORMANCE-BASED FUTURE

Moving Ahead for Progress (MAP-21) – the most recent federal legislation that authorizes transportation funding at the national level – requires MPOs and the NHDOT to begin implementing a performance-based planning approach. SMPO has begun integrating performance measures into its planning approach in order to track progress and efficacy of transportation improvements in the region. The planning factors listed below are being used nationally to guide the shift to a performance-based approach. Considering the needs and goals of your community, please rate them each using the five point scale from above.

1 = HIGH IMPORTANCE

2 = MEDIUM IMPORTANCE

3 = NEUTRAL IMPORTANCE

4 = NOT IMPORTANT

5 = NEED MORE INFORMATION

Federal Planning Factors

- Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
1 2 3 4 5

- Increase the safety of the transportation system for motorized and nonmotorized users;
1 2 3 4 5

- Increase the security of the transportation system for motorized and nonmotorized users;
1 2 3 4 5

- Increase the accessibility and mobility of people and for freight;
1 2 3 4 5

- Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns;
1 2 3 4 5

- Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
1 2 3 4 5

- Promote efficient system management and operation; and
1 2 3 4 5

- Emphasize the preservation of the existing transportation system.
1 2 3 4 5

NEW HAMPSHIRE PLANNING AREAS OF EMPHASIS

As required by the Federal Highways Administration (FHWA) and the Federal Transit Authority (FTA) under MAP-21, the NHDOT also issued “planning areas of emphasis” (PEAs) to guide the statewide transition to a performance-based planning approach. MPOs are required to integrate these PEAs into their planning processes. Two PEAs address broad challenges that are directly related to planning and development challenges at the local level. Please consider the brief descriptions of these PEAs and rank their importance to your community below.

Climate Change

New Hampshire has seen a measureable increase in the number and severity of severe storms over the past decade, and scientific research predicts that observed trends will only get worse. The transportation network is under increasing threat from extreme weather, and municipal roads are particularly vulnerable.

Livability and Sustainability

Transportation is critical to livable communities. Livable communities offer multiple, convenient transportation options that connect affordable housing, quality schools, good jobs, and local services. Well planned transportation is also a key element in economic prosperity. Sustainability can be achieved by balancing the goals of local development with environmental protection.

Climate Change

1 2 3 4 5

Livability and Sustainability

1 2 3 4 5

- 1 = HIGH IMPORTANCE**
- 2 = MEDIUM IMPORTANCE**
- 3 = NEUTRAL IMPORTANCE**
- 4 = NOT IMPORTANT**
- 5 = NEED MORE INFORMATION**

2. PROJECTS

An important part of the project solicitation process is examining specific projects at the local level. Organizations may have projects that have funding programmed for the future or are currently under construction. We have supplied information on current projects below – based on SRPCs latest data and planning documents. We want to confirm the value of these projects to your community, so please review the information provided in order to discuss it at our upcoming meeting.

Additionally, you may want to propose new projects to be included in the Ten Year Plan. Proposing new transportation projects can be very complex; there are numerous factors, criteria, and considerations to manage. At the state level, project proposals are ranked primarily on the classification and traffic volume of the road. For instance, a high-volume state route like NH4 may be prioritized over a smaller local road. However, NHDOT encourages communities to propose projects for local roads, especially if there is a significant need (e.g. if the road is the only possible route for local school buses). When considering whether proposed projects are appropriate for inclusion in the Ten Year Plan, consider a few minimum requirements.

1. Does the project take place on a high-volume highway, or bridge?
 - Federally-owned or State-owned highways
 - All bridges are eligible - whether on a state or local road
2. Is the project feasible?
 - Project addresses a clearly defined transportation need (e.g. in the Master Plan).
 - Proposal is a reasonable approach in scope and cost given existing resources.
 - Project is likely to receive required Resource Agency permits and approvals.
3. Does the project have local support?
 - Project has demonstrated local support and matching funds if necessary. Letters of support from Selectboard/Council, or references of publicly approved planning documents can be used to demonstrate support.
 - Project conforms to regulations and plans for affected areas.

In order to efficiently collect and organize project submissions, SRPC staff developed an online form for municipalities to propose new projects. Please click the picture and fill out the form to provide information on any new projects.

The image shows a screenshot of a web-based form titled "Metropolitan Transportation Plan Project Submission Form (SRPC)". The form includes the following text and fields:

Metropolitan Transportation Plan Project Submission Form (SRPC)

This form is the submission form for new projects for the Ten Year Plan for municipalities and transit agencies in the Strafford region. All questions are required. Submitting your answers here will send them to Colin Lentz, Transportation Planner at the Strafford Regional Planning Commission. If you have any questions about this form, or would prefer to use a paper form, please contact Colin (see his contact information below).

Please Note: Several of the questions require the submission of additional information, including vicinity and regional impact maps and supporting evidence and documentation for the project. These documents should be emailed to:

Colin Lentz
Transportation Planner
Strafford Regional Planning Commission
150 Wakefield Street, Suite 12
Rochester, New Hampshire 03667
(P): (603) 994-3500
(F): (603) 994-3504
(e): clentz@strafford.org

* Required

Submitting Agency *
Please ALSO check "Other" and enter the name of the City/Town or Transit Agency.

City/Town
 Transit Agency
 Other:

Contact Person Name *

Contact Person Address *

Contact Person Phone *

Contact Person e-mail *

2015-2024 Ten Year Plan Projects

A. LOCAL AND REGIONAL TEN-YEAR TRANSPORTATION PROJECTS

The following projects are listed in the New Hampshire Ten Year Transportation Improvement Plan (2015-2024).

LOCAL PROJECTS					
Project Title & Number	Route or Road	Project Description	Funding Source	Timeframe	Estimated Costs
Barrington (8779)	Green Hill Rd	Bridge rehab over Isinglass River	State Aid Bridge	2022	\$354,000
Durham (4059)	US 4	Bridge Replacement & approaches over Bunker Creek - 145/116. Bridge is #40 on the priority list	National Hywy System	2019	\$5,929,000
Durham (3286)	US 4 / NH 108	Intersection improvements at the US 4 ramp intersection with NH108	National Hywy System	2018-2020	\$891,000
Farmington (6778)	NH 153	Replace Bridge over Cocheco River (Br No 096/140, Red List)	State Aid Bridge	2015-2016	\$3,742,000
Nottingham (7258)	Deerfield Rd	Replace bridge over Back Creek	State Aid Bridge	2016	\$214,000
Rochester (2750)	NH 202A (Walnut St)	Intersection improvement to improve safety through Strafford Square, North Main, & Washington St.	State Surface Transportation Program	2015	\$722,000
Rochester (8281)	Misc.	Construction of maintenance shed	Turnpike Expansion	2015	\$3,500,000
Rochester (8166)	Skyhaven Airport	Modernization - wildlife hazard fencing	Airport Improvement Program	2016-2017	\$461,000
Rochester (8168)	Skyhaven Airport	Preservation - apron and parking lot improvement. Master planning and wildlife hazard assessment.	Airport Improvement Program	2015-2019	\$4,477,000

2015-2024 Ten Year Plan Projects

REGIONAL PROJECTS					
Project Title & Number	Route or Road	Project Description	Funding Source	Timeframe	Programmed Costs
COAST (8572)	Various	Capital equipment purchases and operation support for COAST bus services	CMAQ	2015	\$735,000
COAST (8572)	Various	Capital equipment purchases and operation support for COAST bus services	Turnpikes	2015-2017	\$1,967,000
COAST (3070)	Various	ADA operations	Federal Transit	2015-2024	\$1,040,000
COAST (3503)	Various	Capital Program	Federal Transit	2015-2024	\$1,573,000
COAST (3069)	Various	General & Comprehensive Planning	Federal Transit	2015-2024	\$540,000
COAST (3067)	Various	Misc. Support Equipment	Federal Transit	2015-2024	\$340,000
COAST (3068)	Various	Misc. Bus Station Equipment	Federal Transit	2015-2024	\$670,000
COAST (567)	Various	Operating Assistance	Federal Transit	2015-2024	\$16,130,000
COAST (2691)	Various	Preventative Maintenance	Federal Transit	2015-2024	\$3,910,000
Dover - Rochester (9007)	NH 108	Complete Street improvements, to improve safety and congestion along corridor.	Highway & Bridge	2018-2024	\$10,903,000
Dover & Rochester (8826)	Spaulding TNPK	Improvement to the Dover and Rochester Toll Plazas	Highway & Bridge	2019-2020	\$15,000,000
Durham - Newmarket (7891)	NH 108	Construct 4' bike shoulders from Oyster River Br. To Durham/Newmarket TL and Hamel Brook Br. To Sanborn Ave.	Highway & Bridge	2018-2020	\$891,000

2015-2024 Ten Year Plan Projects

REGIONAL PROJECTS					
Project Title & Number	Route or Road	Project Description	Funding Source	Timeframe	Programmed Costs
UNH/Wildcat Transit (99995)	Various	Capital equipment purchase and operating support for UNH/Wildcat Bus Services	Turnpikes	2015-2017	\$532,000
UNH/Wildcat Transit (99995)	Various	Capital equipment purchase and operating support for UNH/Wildcat Bus Services	Highway and Bridge	2015	\$199,000
Newington - Dover (1191)	NH 16 / US 4/ Spaulding tnpk	Widen turnpike including Little Bay Bridges from Gosling Road to Dover toll plaza	Highway & Bridge	2015-2017	\$240,000
Newington to Dover (7075)	NH 16 / US 4/ Spaulding tnpk	Exit 3 & 4 interchange construction and mainline turnpike construction.	Highway & Bridge	2015	\$11,885,000
Newington to Dover (7077)	NH 16 / US 4/ Spaulding tnpk	Rehab of existing Little Bay Bridges and bridge approach construction.	Highway & Bridge	2015-2017	\$34,000,000
Newington to Dover (7228)	NH 16 / US 4/ Spaulding tnpk	Exit 6 interchange and mainline turnpike construction, including soundwalls	Highway & Bridge	2017-2021	\$49,200,000
Newington to Dover (7233)	Spaulding tnpk / Little Bay Bridges	General Sullivan Bridge rehab	Highway & Bridge	2019-2022	\$31,700,000
Newington to Dover (9016)	Spaulding tnpk	Construction of Spaulding tnpk maintenance facility in Newington	Highway & Bridge	2016	\$4,000,000

2025 – 2040 Metropolitan Transportation Plan Long Range Projects

B. MUNICIPAL PRIORITIES FOR LONG RANGE TRANSPORTATION PROJECTS

The following projects for your community are listed in the Strafford MPO’s 2015-2040 Metropolitan Transportation Plan - Long Range Project Listing (Out-years 2025-2040).

Town	CAA Code	Type	Location	Issues	Anticipated Scope	Phase	Potential Construction Year	Air Quality Analysis Year	Year of Expenditure Cost Estimate	Cost Total
Madbury	ATT	Intersection Improvements	Route 155, Madbury Road, Town Hall Road	Intersection alignment, high traffic volumes, limited sight distance, and the intersection is on both a curve and the crest of a hill making it difficult to see oncoming traffic. This intersection has significant turning movements	Intersection realignment and grade smoothing. Possible flashing light to warn through traffic, left only turn lane for Route 155 WB	C	2025	N/A	\$5,842,850	\$5,842,850
Madbury	ATT	Intersection Improvements	Route 9 & French Cross	Route 9 is a heavily used for freight movement and as a commuter route. French Cross is a major commuter cut-through. The intersection is located at the crest of a hill with poor sight distance. This intersection has significant turning movements.	Intersection realignment, improved lighting, and the addition of left only turning lanes or shared center turn lane on Route 9 to address intersection safety issues.	P	2025	2032	\$40,000	\$964,440
						C	2026	2032	\$924,440	
Madbury	ATT	Bridge	056/072 Nute Road over the Bellamy River	Municipal Red list, last rebuilt in 1960.	Bridge replacement	P	2031	N/A	\$117,288	\$2,102,793
						C	2032	N/A	\$1,985,505	
Madbury	ATT	Intersection Improvements	Route 108 and Freshet Road	Alignment causes intersection safety issues. High traffic volumes on Route 108.	Intersection Realignment	P	2040	N/A	\$40,000	\$913,734
						C	2040	N/A	\$873,734	

P = Preliminary Engineering

C = Construction

Vision Projects

C. VISION PROJECTS

The following list of projects was taken from SRPCs latest Metropolitan Transportation Plan. They reflect your community's long term vision for local transportation improvements. Please review the list so we can discuss these projects when we meet.

Municipality	Type	Location	Issues	Anticipated Scope

Project Ranking

TOP FIVE PROJECTS

From the 2025-2040 Long-Range Transportation Project List and the 2015-2018 Transportation Improvement Program, please identify your organization's top five projects.

#1 _____

Please Explain:

#2 _____

Please Explain:

#3 _____

Please Explain:

#4 _____

Please Explain:

#5 _____

Please Explain:

Project Ranking

RECENTLY COMPLETED PROJECTS

#1 _____

Please Explain:

#2 _____

Please Explain:

#3 _____

Please Explain:

#4 _____

Please Explain:

#5 _____

Please Explain:
