

North Shore Task Force (NSTF)

Identifying Transportation Needs, Construction Projects,
and Studies in Your Subregion



Fall 2017–Winter 2018



Beverly • Danvers • Essex • Gloucester • Hamilton • Ipswich • Manchester-by-the-Sea • Marblehead • Middleton • Nahant • Peabody • Rockport • Salem • Swampscott • Topsfield • Wenham

WHAT NEEDS DID THE MPO IDENTIFY IN NSTF COMMUNITIES?

The Boston Region Metropolitan Planning Organization (MPO) conducted an assessment of transportation needs in the Boston region to inform the MPO’s current Long-Range Transportation Plan (LRTP), *Charting Progress to 2040*. The MPO staff identified existing transportation conditions and made projections of future conditions and demand on the system. We also asked you about your transportation needs and the opportunities to improve transportation in your communities. The resulting Needs Assessment serves as a tool for planning the region’s future transportation network and prioritizing the MPO’s limited funding for transportation projects and studies.

Below are some of the needs that we identified in your subregion during our assessment and past visits to NSTF communities. For more information, please refer to the *Charting Progress to 2040* Needs Assessment report and applications on our website: bostonmpo.org/lrtp_needs.

Needs Identified During *Charting Progress to 2040* Development

Location of identified need	Municipalities	Top 25 Highway Crash Locations	Top 200 Intersection Crash Clusters	HSIP Crash Cluster	Truck Crash Cluster	Pedestrian Crash Cluster	Bicycle Crash Cluster	Priority Congested Location	Activity undertaken to address need
Rte. 128 at Rte. 114 (Andover St.) and Rte. 114	Peabody and Salem	●		●	●			●	The infrastructure improvement project on Rte. 114 in Peabody includes the Rte. 114/ Rte. 128 interchange (see page 4).
Washington St.	Salem		●	●	●	●	●		
Rte. 128 at Lowell St. (Exit 26)	Peabody							●	
Rte 1A	Salem							●	

Transit park-and-ride lots at more than 85 percent use

- Swampscott, Beverly, and Manchester — Swampscott, Beverly Depot, and Manchester, on Newburyport/Rockport Line

Bike/Pedestrian Priorities

- Salem — Canal Street Bikeway
Note: This priority will be addressed by the Canal Street Rail Trail construction project (see page 4)
- Danvers, Topsfield, Wenham — Bay State Greenway North Shore corridor, Border to Boston Trail (north and south)

Needs and Opportunities the MPO Has Heard from You

Capacity Management/Mobility

- Address congestion on regional arterials
- Expand the regional bike network
- Increase transit on Cape Ann
- Upgrade Bridge Street and River Street in Beverly, including by improving pedestrian connections to the Beverly Depot commuter rail station
- Improve Bridge Street in Salem from Flint Street to the Salem commuter rail station, including by adding sidewalks and enhancing connections to Leslie's Retreat Park and its shared-use path
Note: This need could be addressed by the proposed Bridge Street roadway improvement project in Salem (see page 5)
- Improve Boston Street in Salem from Essex Street (Route 127) to the Peabody city line
- Implement Complete Streets improvements on Pine Street from Route 128 to Central Street (Route 107) in Manchester-by-the-Sea, particularly at the intersection of Pine Street and Central Street
- Improve Central Street in Peabody from Wilson Square to Peabody Square, including by implementing pedestrian upgrades and enhancing traffic flow to Route 128
Note: This need could be addressed by the proposed Central Street roadway improvement project in Peabody (see page 5)
- Improve the intersection of Pleasant Street with Vine and Village streets in Marblehead
Note: This need will be addressed by the intersection improvement project at Pleasant Street and Village, Vine, and Cross streets in Marblehead (see page 3)

System Preservation

- Improve the Annisquam Bridge
- Improve the Rockport commuter rail station, including the parking lot
- Replace the culvert and redesign the bridge on Central Street (Route 127) in Manchester-by-the-Sea

The MPO also seeks information on your needs pertaining to the MPO's Safety, Clean Air/Clean Communities, Economic Vitality, and Transportation Equity goal areas.

WHAT PROJECTS HAVE BEEN FUNDED IN NSTF COMMUNITIES?

On May 25, 2017, the MPO endorsed the new Transportation Improvement Program (TIP), which documents all transportation construction projects that will receive federal funding over the next five years, during federal fiscal years (FFYs) 2018–22.

Below is a selection of recent federally funded projects in NSTF communities that are supported by the MPO and MassDOT. Other proposed TIP projects are also listed.

Recently Programmed TIP Projects:

- Beverly — Traffic and safety improvements at three locations: Cabot Street (Route 1A/97) at Dodge Street (Route 1A), County Way, Longmeadow Road, and Scott Street; McKay Street at Balch Street; and Veterans Memorial Bridge (Route 1A) at Rantoul, Cabot, Water, and Front streets
Status: MPO-funded and programmed in FFY 2021
- Danvers — Resurfacing and related work on Route 114
Status: MassDOT-funded and programmed in FFY 2022
- Essex — Superstructure replacement, Route 133 (Main Street) over Essex River
Status: MassDOT-funded and programmed in FFYs 2020–21
- Marblehead — Intersection improvements at Pleasant Street and Village, Vine, and Cross streets
Status: MPO-funded and programmed in FFY 2022
Note: This project will address an intersection improvement need at Pleasant, Village, and Vine streets in Marblehead (see page 3)
- Middleton — Bridge replacement, Route 62 (Maple Street) over the Ipswich River
Status: MassDOT-funded and programmed in FFY 2021

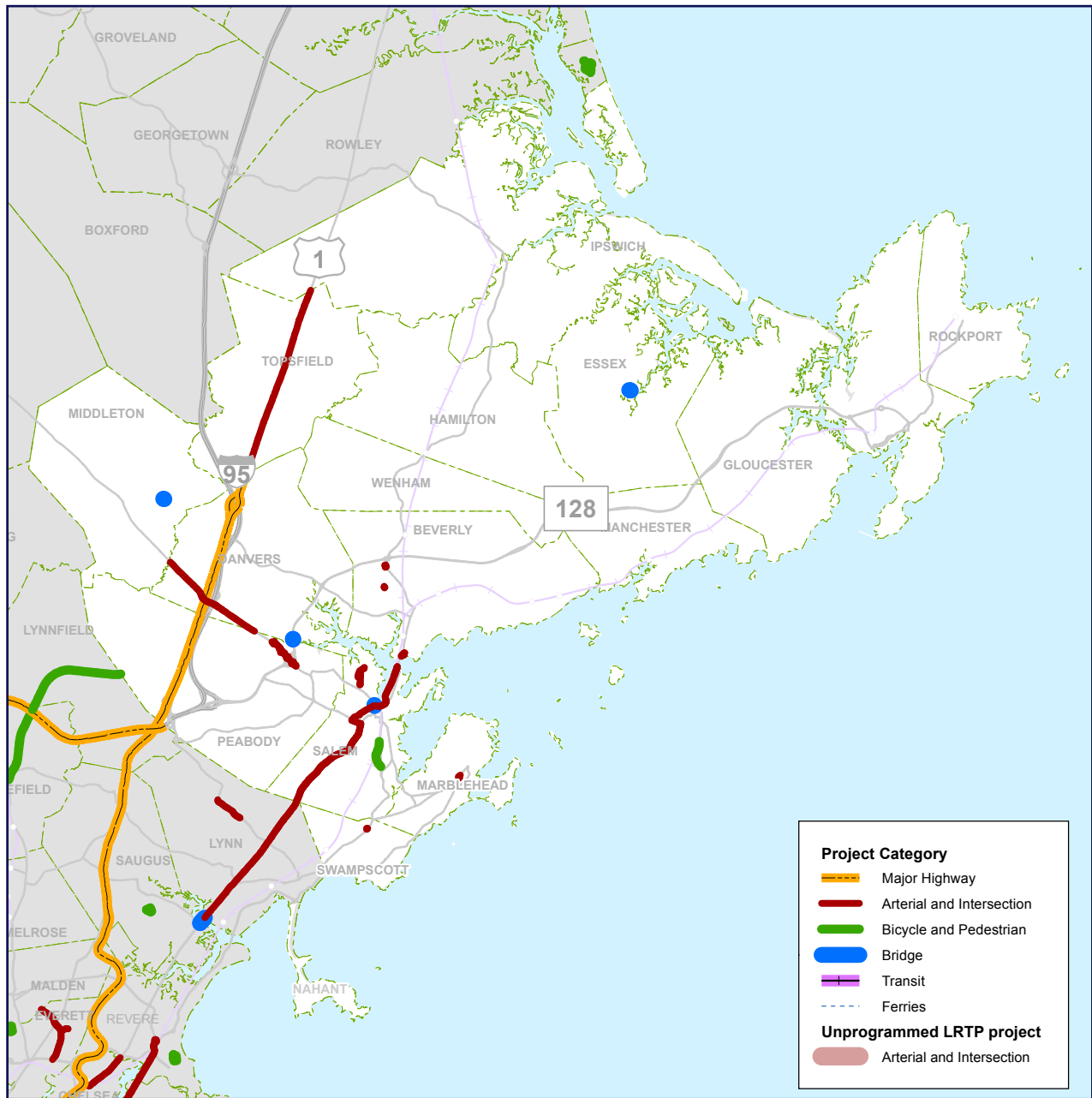
- Peabody — Improvements at Route 114 at Sylvan Street, Cross Street, Northshore Mall, Loris Road, Route 128 interchange, and Esquire Drive
Status: MassDOT-funded and programmed in FFY 2021
Note: This project will address needs at the Route 114 and Route 128 interchange (see page 1)
- Peabody, Danvers — Resurfacing and related work on Route 1
Status: MassDOT-funded and programmed in FFY 2019
- Salem — Canal Street Rail Trail Construction (Phase 2)
Status: MPO-funded and programmed in FFY 2018
Note: This project will address a bicycle/pedestrian need listed on page 2
- Salem — Safe Routes to School improvements at Bates Elementary School
Status: MassDOT-funded and programmed in FFY 2020
- Swampscott — Intersection and signal improvements at Route 1A (Paradise Road) at Swampscott Mall
Status: MassDOT-funded and programmed in FFY 2019
- Topsfield — Resurfacing and related work on Route 1
Status: MassDOT-funded and programmed in FFY 2021

Proposed TIP Projects:

- Beverly — Interchange reconstruction at Route 128/Exit 19 at Brimbal Avenue (Phase II)
Status: Approved by MassDOT Project Review Committee (PRC) in 2014
Note: This project would need to be programmed in both the LRTP and the TIP, based on estimated cost and proposed capacity expansion
- Beverly — Reconstruction of Bridge Street
Status: Approved by MassDOT PRC in 2016. Project will be on the MPO's FFYs 2019–23 First Tier List
- Danvers — Reconstruction on Collins Street, from Sylvan Street to Centre and Holten streets
Status: 75 percent design approved. Project will be on the MPO's FFYs 2019–23 First Tier List
- Ipswich — Resurfacing and related work on Central and South Main streets
Status: 25 percent design submitted. Project will be on the MPO's FFYs 2019–23 First Tier List
- Manchester-by-the-Sea — Pine Street; Central Street (Route 127) to Rockwood Heights Road
Status: Project is in the preliminary design phase

- Peabody — Mainline improvements on Route 128 (Phase II)
Status: 100 percent design submitted. Project will be on the MPO's FFYs 2019–23 First Tier List
Note: This project would need to be programmed in both the LRTP and the TIP, based on estimated cost and proposed capacity expansion
- Peabody — Rehabilitation of Central Street
Status: Project is in the preliminary design phase
Note: This project could address needs on Central Street in Peabody (see page 2)
- Salem — Reconstruction of Bridge Street, from Flint Street to Washington Street
Status: 25 percent design submitted
Note: This project could address needs on Bridge Street in Salem (see page 2). This project would likely need to be programmed in both the LRTP and the TIP, based on estimated cost and/or proposed capacity expansion

MPO and MassDOT Projects Funded from FFY 2016 through 2022 and LRTP Projects not yet Programmed in the TIP



WHAT TRANSPORTATION PLANNING STUDIES AND TECHNICAL ASSISTANCE PROJECTS HAVE BEEN UNDERTAKEN IN NSTF COMMUNITIES?

The MPO conducts studies through its Unified Planning Work Program (UPWP) that advance our understanding of the transportation system, new technologies, regulations, and travel preferences. The MPO also offers technical assistance to address transit, bicycle and pedestrian, and roadway issues—at no cost to municipalities. Below is a list of studies and technical assistance projects undertaken in NSTF communities over the past five years.

- All NSTF Communities, Lynn, and Saugus — North Shore Mobility Study
Status: Developed by the Metropolitan Area Planning Council (MAPC). Underway
- Beverly — City of Beverly Bicycle Network and Pedestrian Priority Plan
Status: Completed in 2015 by MAPC
- Danvers — Route 114, Interstate 95 to the Peabody City Line: Safety, Operations, and Access Management Study
Status: Completed in 2012
- Gloucester and Rockport — Routes 127A/127 Subregional Priority Roadway Study in Gloucester and Rockport (Route 127 from Route 127A in Rockport to Grant Circle on Route 128 in Gloucester, and major roadways in downtown Rockport)
Status: Completed in 2014
- Marblehead, Salem, and Swampscott — Route 1A-Vinnin Square Priority Corridor Study
Status: Completed in 2017
- Peabody — Safety and operations analysis of Route 114 (Andover Street) at Esquire Drive and Violet Road
Status: Completed in 2017
- Topsfield — Community Transportation Technical Assistance study of pedestrian crossing of Route 97
Status: Completed in 2017

NOW WHAT?

This fall, help us get started on our next LRTP, *Destination 2040*. As we embark on a new cycle of determining how to spend the federal transportation dollars that come into the Boston region, we want to hear about the transportation needs and opportunities to improve transportation in your community:

- What's working well with the transportation system in your community?
- Are there transportation barriers or mobility issues that prevent people from getting where they need to go?
- Are there transportation needs that you've heard from people of color, people with low incomes, older adults, youths, people with disabilities, and people with limited English proficiency?
- What changes or trends are occurring that might affect the transportation system and how you use it?
- What opportunities for improving the transportation system do you see now or in the near future?

We also welcome ideas for studies and technical assistance projects. Share your views with us during our meeting with NSTF community representatives, or through any of the channels listed at [bostonmpo.org/ public_involvement](https://bostonmpo.org/public_involvement).



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