

**NORTHEAST CORRIDOR HIGHWAY  
UNIVERSE**

	CTPS Corridor Study and/or Recommendation	Highway Project with PRC Approval	Project Under MassDOT Environmental Review	Major Highway Project Pending, On Hold or Inactive	Project Programmed in the MPO's Current LRTP	Construction Funds in FFYs 2011-14 TIP	Public Comment	MassDOT CIP High Priority Path	Meets Plan Identified Need	Cost (in millions)
<b>Long Range Transportation Plan Projects currently programmed and/or under construction</b>										
Route 128/Route 35 and Route 62 (Danvers)		x			x	x				\$27.1
Consolidated Rental Car Facility Logan Airport (Boston)		x			x					\$337.0
Route 16/Revere Beach Parkway Bridges (Everett, Medford, and Revere)		x			x	x				\$41.3
<b>Long Range Transportation Plan Universe of Roadway Projects</b>										
Route 1 add-a-lane (Malden, Saugus, Revere)		x	x		x		x		x	\$150.0
Route 1 Capacity Improvements (Lynnfield, Peabody, Saugus)	x								x	
Route 1/Route 114 Corridor (Danvers, Peabody)							x		x	\$110.9
Route 1/Route 16 Interchange (Revere)	x								x	\$7.4
Route 1A/Route 16 (Revere)	x								x	\$109.7
Route 1A/Chelsea Street Bridge Connection (Boston)	x								x	
Route 1A/Boardman Street Grade Separation (Boston)	x			x					x	\$16.0
Gloucester Rotary (Gloucester)							x			
Route 128 Capacity Improvements (Beverly to Peabody)	x								x	
Route 16/Revere Beach Parkway Roadway Improvements							x		x	\$109.5
Mahoney Circle Grade Separation (Revere)				x					x	\$35.6
East Boston Haul Road (Boston)	x			x	x				x	\$19.5
Commercial St./Tremont St. (Salem)							x			\$0.8
Essex St. Conversion (Salem, Beverly)							x			\$2.3
Route 128/Brimbal Ave. Interchange (Beverly)		x		x			x			\$26.0
Route 114/I-95 Improvements (Danvers)				x					x	\$68.2
Bridge Street (Salem)	x	x	x		x					\$10.8
<b>Long Range Transportation Plan Universe of Bicycle and Pedestrian Projects</b>										
Northern Strand (Revere, Saugus, Lynn, Everett, Malden)	x							x	x	
Border to Boston Trail (Newburyport to Boston)	x							x	x	

**NORTHEAST CORRIDOR HIGHWAY NEEDS  
EVALUATION**

	Maintenance, Modernization and Efficiency	Livability and Economic Benefit	Mobility	Environment and Climate Change	Transportation Equity	Safety and Security
<b>Long Range Transportation Plan Projects currently programmed and/or under construction</b>						
<b>Long Range Transportation Plan Universe of Roadway Projects</b>						
<b>Route 1 Add-a-Lane (Malden, Saugus, and Revere)</b>	x	x	x		x	x
Route 1 Capacity Improvements (Lynnfield, Peabody, Saugus)			x			
Route 1/Route 114 Corridor (Danvers, Peabody)	x		x		x	x
Route 1/Route 16 Interchange (Revere)	x		x		x	
Route 1A/Route 16 (Revere)	x		x		x	
Route 1A/Chelsea Street Bridge Connection (Boston)	x		x			
Route 1A/Boardman Street Grade Separation (Boston)	x		x			
Route 128 Capacity Improvements (Beverly to Peabody)			x			x
Route 16/Revere Beach Parkway Roadway Improvements (Everett, Medford, and Revere)	x		x		x	x
Mahoney Circle Grade Separation (Revere)	x		x		x	x
<b>East Boston Haul Road*</b>	x	x	x		x	
Route 114/I-95 (128) Improvements (Peabody)			x		x	x
<i>Bridge Street (Salem)</i>		x	x			
<b>Long Range Transportation Plan Universe of Bicycle and Pedestrian Projects</b>						
Northern Strand (Revere, Saugus, Lynn, Everett, Malden)		x		x		
Border to Boston Trail (Newburyport to Boston)		x		x		

\* East Boston Haul Road will be funded by the Massachusetts Port Authority.

The projects included in this table are those from this corridor's Highway Universe that meet a Plan identified need. An initial evaluation was performed using criteria derived from the MPO's visions and policies.

Projects that are indicated in **bold**, are projects that were included in the JOURNEY to 2030 Plan.

Projects that are indicated in *italics*, are projects that were included in the JOURNEY to 2030 Plan but did not address a need identified in the Needs Assessment.

**NORTHEAST CORRIDOR TRANSIT  
UNIVERSE**

	PMT Transit Enhancement Project	PMT Transit Expansion Project	PMT Transit SGR Project	In MBTA's Draft FY 2012-2016 CIP SGR List	In MBTA's Draft FY 2012-2016 CIP Enhancement Project List	In MBTA's Draft FY 2012-2016 CIP Expansion Project List	Transit Project Recommended from MPO's CMP	Transit Project in the Current LRTP	Public Comment	Meets Plan Identified Need	Cost (in millions)
<b>Accessibility</b>											
<b>Communications/Technology</b>											
<b>Enhancements</b>											
BRT on Route 111	x									x	
<b>Expansion</b>											
Extend Blue Line to Lynn		x						x*		x	\$782.5
Extend Blue Line from Lynn to Salem									x		
Commuter Rail Line from Salem to Danvers									x		
New Station at South Salem on Rockport/Newburyport Line									x		
Restore East Boston Ferry									x		
Wonderland Connector (Revere)									x		
<b>Maintenance Facilities</b>											
Newburyport Layover Facility Ventilation Fans			x							x	
Orient Heights Maintenance Facility Renovation Phase III				x						x	\$7.5
<b>Parking</b>											
Beverly Parking Garage Improvements	x				x						\$16.0
Parking Capacity Increases at 4 Commuter Rail Stations	x									x	
Parking Capacity Increases at 2 Blue Line Stations	x									x	
Salem Parking Garage Improvements	x				x						\$28.0
Wonderland TOD Parking Garage	x				x			x		x	\$52.0
<b>Stations</b>											
Blue Line Platform Rehabilitation				x							\$3.6
Blue Line Government Center Station Modernization					x						\$44.0
Blue Line Orient Heights Station Modernization					x						\$23.0
Blue Line Station Infrastructure Improvements					x						\$3.5
Rockport Station Improvements	x				x						\$0.5
Wonderland Transit Plaza					x					x	\$13.0
<b>Support Infrastructure</b>											
Beverly Draw Bridge Rehabilitation			x	x						x	\$6.6
<b>Track and Signals</b>											
Newburyport/Rockport Line Signal Upgrades			x								
Orient Heights Track Work			x	x						x	\$10.8
<b>Vehicles</b>											

\* Included as an Illustrative Project

**NORTHEAST CORRIDOR TRANSIT  
NEEDS EVALUATION**

	Maintenance, Modernization and Efficiency	Livability and Economic Benefit	Mobility	Environment and Climate Change	Transportation Equity	Safety and Security
<b>Accessibility</b>						
<b>Communications/Technology</b>						
<b>Enhancements</b>						
BRT on Route 111	x	x	x		x	
<b>Expansion</b>						
<b>Extend Blue Line to Lynn*</b>		x	x	x	x	
<b>Maintenance Facilities</b>						
Newburyport Layover Facility Ventilation Fans	x					
Orient Heights Maintenance Facility Renovation Phase III	x					
<b>Parking</b>						
Parking Capacity Increases at 4 Commuter Rail Stations		x	x	x		
Parking Capacity Increases at 2 Blue Line Stations		x	x	x	x	
<b>Wonderland TOD Parking Garage</b>		<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	
<b>Stations</b>						
Wonderland Transit Plaza		x			x	
<b>Support Infrastructure</b>						
Beverly Draw Bridge Rehabilitation	x		x			x
<b>Track and Signals</b>						
Orient Heights Track Work	x					x
<b>Vehicles</b>						

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\* Included as an Illustrative Project

The projects included in this table are those from this corridor's Transit Universe that meet a Plan identified need. An initial evaluation was performed using criteria derived from the MPO's visions and policies.

**NORTH CORRIDOR HIGHWAY UNIVERSE**

	CTPS Corridor Study and/or Recommendation, or Other Study	Highway Project with PRC Approval	Project Under MassDOT Environmental Review	Major Highway Project Pending, On Hold or Inactive	Project Programmed in the MPO's Current LRTP	Construction Funds in FFYs 2011-14 TIP	Public Comment	MassDOT CIP High Priority Path	Meets Plan Identified Need	Cost (in millions)
<b>Long Range Transportation Plan Projects currently programmed and/or under construction</b>										
Route 16/Revere Beach Parkway Bridges (Everett, Medford, and Revere)		x			x	x				\$41.3
<b>Long Range Transportation Plan Universe Roadway Projects</b>										
I-93/I-95 Interchange (Woburn, Reading, Stoneham, and		x	x		x		x		x	\$233.6
Route 1 Add-a-Lane (Malden, Saugus, and Revere)		x	x		x		x		x	\$150.0
Middlesex Turnpike Phase III (Bedford, Burlington, Billerica)		x	x		x		x		x	\$20.8
I-93/Route 129 Interchange Improvements (Wilmington and Reading)				x						\$20.5
Interstate 93 Capacity Improvements (Somerville to Woburn)	x								x	
Route 16/Revere Beach Parkway Roadway Improvements (Everett, Medford, and Revere)							x		x	\$109.5
I-93/Route 125/Ballardvale Road (Wilmington)		x		x						
Tri Town I-93/Lowell Junction Interchange (Andover, Tewksbury, and Wilmington)		x	x				x			
New Boston Street Bridge (Woburn)		x			x		x			\$4.9
Montvale Avenue (Woburn)		x			x		x			\$3.7
Telecom City Boulevard (Everett, Malden, and Medford)							x			\$17.8
Route 128 Capacity Improvements (Lynnfield to Reading)	x								x	
Route 128 HOV (Wellesley to Woburn)	x								x	
Route 16/I-93 Connection (Medford)							x			\$20.8
Cambridge Street Improvements (Burlington, Woburn, Winchester)	x						x		x	\$4.3
Sullivan Square (Boston)	x	x			x		x		x	\$43.3
Rutherford Avenue (Boston)	x	x			x		x			\$49.2
Charlestown Haul Road (Boston)	x						x		x	
Route 60 Improvements (Malden, Medford)	x								x	
<b>Long Range Transportation Plan Universe of Bicycle and Pedestrian Projects</b>										
Northern Strand (Revere, Saugus, Lynn, Everett, Malden)	x							x	x	

**NORTH CORRIDOR HIGHWAY NEEDS EVALUATION**

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<b>Long Range Transportation Plan Projects currently programmed and/or under construction</b>						
<b>Long Range Transportation Plan Universe of Roadway Projects</b>						
<b>I-93/I-95 Interchange (Woburn, Reading, Stoneham, and</b>	x		x			x
<b>Route 1 Add-a-Lane (Malden, Saugus, and Revere)</b>	x	x	x		x	x
<b>Middlesex Turnpike Phase III (Bedford, Burlington, Billerica)</b>	x	x	x			x
Interstate 93 Capacity Improvements (Somerville to Woburn)			x			x
Route 16/Revere Beach Parkway Roadway Improvements (Everett, Medford, and Revere)	x		x		x	x
Route 128 Capacity Improvements (Lynnfield to Reading)			x			x
Route 128 HOV (Wellesley to Woburn)			x	x		
Cambridge Street Improvements (Burlington, Woburn, Winchester)			x			
<b>Sullivan Square (Boston)</b>	x	x	x		x	x
Route 60 Improvements (Malden, Medford)	x		x			
Charlestown Haul Road (Boston)	x	x	x		x	
<i>New Boston Street Bridge (Woburn)</i>			x			
<i>Montvale Avenue (Woburn)</i>			x			
<i>Rutherford Avenue (Boston)</i>		x				x
<b>Long Range Transportation Plan Universe of Bicycle and Pedestrian Projects</b>						
Northern Strand (Revere, Saugus, Lynn, Everett, Malden)		x		x		

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<b>Accessibility</b>											
Station Elevator/Escalator Replacement and Modernization Program					x					x	\$118.4
Wedgemere Station access					x					x	\$1.3
<b>Communications/Technology</b>											
Automated Fair Collection, Phase II (CharlieCards on commuter rail)					x						\$10.0
<b>Enhancements</b>											
Improved Bus Amenities and System Identity for Bus Routes	x									x	
<b>Expansion</b>											
Green Line Extension College Ave to Route 16		x				x		x		x	\$136.6
Lowell Commuter Rail Line Extension (Nashua/Manchester)		x								x	
Urban Ring, Phase 2		x						x*	x	x	\$2,920.3
Extend Blue Line from Bowdoin to West Medford									x		
Orange Line North Extension from Oak Grove to Reading/Route 128									x		
<b>Maintenance Facilities</b>											
Move Bradford Layover Facility on Haverhill Line with Plaistow		x								x	
Wellington Maintenance Facility Improvements				x						x	
<b>Parking</b>											
<b>Stations</b>											
Rapid transit station midlife rehab upgrades					x					x	\$12.1
Winchester Station Renovation				x						x	
<b>Support Infrastructure</b>											
Haverhill Line (Andover Station) - Bike Signage and Shelter								x			
Haverhill Line (Bradford Station) - Bike Signage								x			
Lowell Line (Lowell Station) - Bike Racks and Shelter								x			
Lowell Line (Winchester Center Station) - Bike Racks								x			
Merrimack River Bridge Rehab				x						x	\$8.6
Orange Line (Oak Grove Station) - Bike Shelter Improvements								x			
Orange Line Power Improvements						x				x	\$6.5
Rehab of Three Shawsheen River Bridges				x						x	\$13.1
<b>Track and Signals</b>											
Haverhill Line Double Tracking	x									x	\$17.0
Additional Haverhill Line Double Tracking						x				x	\$9.7
Orange Line North Signal System Upgrade						x				x	
<b>Vehicles</b>											
Orange Line Car Procurement			x							x	

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## NORTH CORRIDOR TRANSIT NEEDS EVALUATION

	Maintenance, Modernization and Efficiency	Livability and Economic Benefit	Mobility	Environment and Climate Change	Transportation Equity	Safety and Security
<b>Accessibility</b>						
Station Elevator/Escalator Replacement and Modernization Program	x					x
Wedgemere Station access	x	x				x
<b>Communications/Technology</b>						
<b>Enhancements</b>						
Improved Bus Amenities and System Identity for Bus Routes	x	x			x	
<b>Expansion</b>						
<b>Green Line Extension College Ave to Route 16</b>		x	x	x	x	
Lowell Commuter Rail Line Extension (Nashua/Manchester)			x	x		
<b>Urban Ring, Phase 2*</b>		x	x	x	x	
<b>Maintenance Facilities</b>						
Move Bradford Layover Facility on Haverhill Line with Plaistow	x					
Wellington Maintenance Facility Improvements	x					
<b>Parking</b>						
<b>Stations</b>						
Rapid transit station midlife rehab upgrades	x					x
Winchester Station Renovation	x					
<b>Support Infrastructure</b>						
Merrimack River Bridge Rehab	x					x
Orange Line Power Improvements	x					
Rehab of Three Shawsheen River Bridges	x					x
<b>Track and Signals</b>						
Haverhill Line Double Tracking	x		x	x		
Additional Haverhill Line Double Tracking	x		x	x		
Orange Line North Signal System Upgrade	x					x
<b>Vehicles</b>						
Orange Line Car Procurement	x					x

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