

CENTRAL AREA 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	Corridor(s)	Public Comment	MassDOT CIP High Priority Path	Meets Plan Identified Need	Cost (in millions)
Long Range Transportation Plan Projects currently programmed and/or under construction											
Consolidated Rental Car Facility Logan Airport (Boston)		x			x		NE				\$337.0
Route 16/Revere Beach Parkway Bridges (Everett, Medford, and Revere)		x			x	x	NE/N				\$41.3
Assembly Square Roadway Improvements (Somerville)		x			x	x	NW	x			\$15.4
Long Range Transportation Plan Universe Roadway Projects											
Route 1 Add-a-Lane (Malden, Saugus, and Revere)		x	x		x		NE/N	x		x	\$150.0
Interstate 93 Capacity Improvements (Somerville to Woburn)	x						N			x	
Route 1/Route 16 Interchange (Revere)	x						NE			x	\$7.4
Route 1A/Route 16 (Revere)	x						NE			x	\$109.7
Route 1A/Chelsea Street Bridge Connection (Boston)	x						NE			x	
Route 1A/Boardman Street Grade Separation (Boston)	x			x			NE			x	\$16.0
Mahoney Circle Grade Separation (Revere)				x			NE			x	\$35.6
East Boston Haul Road (Boston)	x			x	x		NE			x	\$19.5
Route 16/Revere Beach Parkway Roadway Improvements (Everett, Telecom City Boulevard (Everett, Malden, and Medford)							NE/N	x		x	\$109.5
Route 16/I-93 Connection (Medford)							N	x			\$17.8
Sullivan Square (Boston)	x	x			x		N	x		x	\$43.3
Rutherford Avenue (Boston)	x	x			x		N	x			\$49.2
Charlestown Haul Road (Boston)	x						N	x		x	
Route 60 Improvements (Malden, Medford)	x						N			x	
McGrath Highway-Gilman Street Bridge (Somerville)	x						NW	x			
Route 9 Capacity Improvements (Brookline, Newton)	x						W	x		x	
Route 20 (Boston, Watertown, Waltham)	x						NW			x	
Route 2/Route 16 Interchange (Arlington and Cambridge)	x						NW	x		x	
Depress I-93 (Somerville)							NW	x			
I-93/Mystic Avenue Interchange (Somerville)	x						NW			x	\$138.6
Longfellow Bridge (Boston, Cambridge)	x		x		x		NW			x	\$310.0
Extend I-93 High-Occupancy Vehicle Lane into the City (Somerville)							NW	x		x	
I-93 Capacity Improvements (Boston to Braintree)	x						SE			x	
Conley Rail Service (South Boston) (Massport Study)	x						SE			x	
South Boston Roadway Improvements (State Freight Plan)	x						SE			x	\$40.0
T Under D (South Boston) (Massport Study)	x						SE			x	
Track 61 Rail Improvement (Boston) (State Freight Plan)	x						SE	x		x	\$9.5
Port of Boston Improvement Dredging Project (Boston, Chelsea) (State Freight Plan)	x						SE			x	\$308.0
Fenway Park Improvements (Boston)							W	x			\$35.1
Improvements to Commonwealth Ave (Boston)		x					W	x			\$23.0
Reconstruction of Causeway St. (Boston)		x					BP	x			\$10.4
Boylston Street (Boston)							BP	x			\$15.0
Northern Avenue Roadways (Boston)							BP	x			
Long Range Transportation Plan Universe of Bicycle and Pedestrian Projects											
Northern Strand (Revere, Saugus, Lynn, Everett, Malden)	x						NE/N		x	x	
Bicycle and Pedestrian Improvements in the vicinity of Forest Hills Station (Jamaica Plain)	x						BP				
Border to Boston Trail (Newburyport to Boston)	x						NE		x	x	

CENTRAL AREA HIGHWAY NEEDS EVALUATION

	Maintenance, Modernization and Efficiency	Livability and Economic Benefit	Mobility	Environment and Climate Change	Transportation Equity	Safety and Security
Long Range Transportation Plan Projects currently programmed and/or under construction						
Long Range Transportation Plan Universe of Roadway Projects						
Route 1 Add-a-Lane (Malden, Saugus, and Revere)	x	x	x		x	x
Interstate 93 Capacity Improvements (Somerville to Woburn)			x			x
Route 16/Revere Beach Parkway Roadway Improvements (Everett, Sullivan Square (Boston)	x	x	x		x	x
Route 60 Improvements (Malden, Medford)	x		x		x	
Charlestown Haul Road (Boston)	x	x	x		x	
<i>Rutherford Avenue (Boston)</i>		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			
Mahoney Circle Grade Separation (Revere)	x		x		x	x
East Boston Haul Road*	x	x	x		x	
Route 9 Capacity Improvements (Brookline, Newton)	x	x	x			
Route 20 (Boston, Watertown, Waltham)	x		x			x
Route 2/Route 16 Interchange (Arlington and Cambridge)	x		x			x
I-93/Mystic Avenue Interchange (Somerville)	x	x	x		x	
Extend I-93 High-Occupancy Vehicle Lane into the City (Somerville)			x	x		
Longfellow Bridge (Boston, Cambridge)	x					x
I-93 Capacity Improvements (Boston to Braintree)			x			
South Boston Roadway Improvements (State Freight Plan)		x	x			
Conley Rail Service (South Boston) (Massport Study)		x	x			
T Under D (South Boston) (Massport Study)	x	x	x	x		
Track 61 Rail Improvement (Boston)		x	x			
Port of Boston Improvement Dredging Project	x	x	x			
Long Range Transportation Plan Universe of Bicycle and Pedestrian Projects						
Northern Strand (Revere, Saugus, Lynn, Everett, Malden)			x		x	
Border to Boston Trail (Newburyport to Boston)		x			x	

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.

CENTRAL AREA 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	Corridor(s)	Public Comment	Meets Plan Identified Need	Cost (in millions)
Accessibility												
Light Rail Accessibility Program - Boston College Station					x				W/C		x	\$3.0
Light Rail Accessibility Program - Phase II - Surface Stations	x				x				W/C		x	\$5.0
Science Park Station Accessibility	x				x				NW/C		x	\$10.5
Communications/Technology												
Enhancements												
BRT on Bus Route 23, 28, 31, 32, 39	x				x				SW/SE/C		x	
Fairmount Line Improvements Phase II	x				x				SE/C		x	\$45.2
Green Line Improvements (use of 3-car trains)	x								W/C		x	
Expansion												
Green Line Extension to Medford Hillside/Union Square		x				x		x	NW/C		x	\$949.8
Urban Ring, Phase 2*		x						x*	All	x	x	\$2,920.3
South Station Track Expansion*								x*	C		x	\$150.0
Maintenance Facilities												
Orient Heights Maintenance Facility Renovation Phase III					x				NE/C		x	\$7.5
Parking												
Alewife Garage Improvements	x				x				NW/C		x	\$16.4
Lechmere Parking Improvements	x								NW/C		x	
Parking Capacity Increases at 2 Orange Line Stations	x								SW/C		x	
Parking Capacity Increases at 2 Blue Line Stations	x								NE/C		x	
Wonderland TOD Parking Garage	x				x				NE/C		x	\$52.0
Stations												
New Worcester Line Commuter Rail Station in Allston	x								W/C	x	x	
Add Northbound Commuter Rail Platform at Ruggles Station	x								SW/C		x	
Ashmont Station Upgrade Phase II					x				SE/C			\$13.8
Back Bay Station Lobby Ventilation				x	x				SW/C		x	\$1.4
Back Bay Station Roofing Project				x	x				SW/C		x	
Blue Line Platform Rehabilitation					x				NE/C		x	\$3.6
Blue Line Government Center Station Modernization						x			NE/C			\$44.0
Blue Line Orient Heights Station Modernization						x			NE/C			\$23.0
Blue Line Station Infrastructure Improvements						x			NE/C			\$3.5
Dudley Square Station Improvements	x				x				SW/C			\$0.3
Wonderland Transit Plaza						x			NE/C		x	\$13.0
Yawkey Station Enhancements	x				x				W/C			\$9.4
Support Infrastructure												
Green Line Catenary Replacement				x					W/C		x	
Green Line Power Study					x				W/C		x	\$1.9
Orange Line AC and DC Breaker Upgrade				x	x				SW/C		x	\$40.2
Orange Line Power Improvements				x	x				SW/C		x	\$6.5
Red Line DC Cable Upgrade Phase I Andrew-Kendall				x	x				NW/SE/C		x	\$25.1
Red Line Traction Power Upgrade				x	x				NW/SE/C		x	\$16.4
Trackless Trolley Catenary improvements				x	x				NW/C		x	\$1.2
Trackless Trolley Overhead Replacement				x	x				NW/C		x	\$35.4
Track and Signals												
Columbia Junction Upgrades				x	x				SE/C		x	\$57.9
Green Line Frog Replacement Program				x	x				W/C		x	\$5.0
Green Line Grade Crossing Upgrades				x					W/C		x	
Green Line Lechmere Signals				x	x				NW/C		x	\$3.7
Green Line Positive Train Control	x					x			W/C			\$1.1
Green Line Signal Replacement				x					W/C		x	
Green Line Tie Replacement				x					W/C		x	
Orient Heights Track Work				x	x				NE/C		x	\$10.8
Red Line Floating Slab Work				x	x				NW/C		x	\$27.5
Red Line Signal Cable Replacement				x	x				NW/SE/C		x	\$12.4
Red Line Track and Switch Upgrades				x					NW/C		x	
Vehicles												
Green Line No. 7 Overhaul				x	x						x	\$92.2
Green Line No. 8 Car Upgrades				x	x				W/C		x	\$11.8
New Orange and Red Line Car Design and Engineering				x	x				E/C		x	\$13.7
New Red and Orange Line Car Procurements				x					E/C		x	
Red Line No. 1 Car Reinvest.				x	x				NW/SE/C		x	\$6.9
Red Line No. 2 Car Overhaul				x	x				NW/SE/C		x	\$10.6

CENTRAL AREA TRANSIT NEEDS EVALUATION

	Maintenance, Modernization and Efficiency	Livability and Economic Benefit	Mobility	Environment and Climate Change	Transportation Equity	Safety and Security
Accessibility						
Light Rail Accessibility Program - Boston College Station	x	x				x
Light Rail Accessibility Program - Phase II - Surface Stations	x	x				x
Science Park Station Accessibility	x	x				x
Communications/Technology						
Enhancements						
BRT on Bus Route 23, 28, 31, 32, 39	x	x	x		x	
Fairmount Line Improvements Phase II		x	x	x	x	
Green Line Improvements (use of 3-car trains)	x		x			
Expansion						
Green Line Extension to Medford Hillside/Union Square		x	x	x	x	
Urban Ring, Phase 2*		x	x	x	x	
South Station Track Expansion*		x	x	x	x	
Maintenance Facilities						
Orient Heights Maintenance Facility Renovation Phase III	x					
Parking						
Alewife Garage Improvements	x					
Lechmere Parking Improvements	x					
Parking Capacity Increases at 2 Orange Line Stations		x	x	x		
Parking Capacity Increases at 2 Blue Line Stations		x	x	x	x	
Wonderland TOD Parking Garage		x	x	x	x	
Stations						
New Worcester Line Commuter Rail Station in Allston		x	x		x	
Add Northbound Commuter Rail Platform at Ruggles Station	x				x	
Back Bay Station Lobby Ventilation	x					x
Back Bay Station Roofing Project	x					
Blue Line Platform Rehabilitation	x					
Wonderland Transit Plaza		x			x	
Support Infrastructure						
Green Line Catenary Replacement	x					x
Green Line Power Study	x					
Orange Line AC and DC Breaker Upgrade	x					
Orange Line Power Improvements	x					
Red Line DC Cable Upgrade Phase I Andrew-Kendall	x					
Red Line Traction Power Upgrade	x					
Trackless Trolley Catenary improvements	x					x
Trackless Trolley Overhead Replacement	x					x
Track and Signals						
Columbia Junction Upgrades	x					x
Green Line Frog Replacement Program	x					x
Green Line Grade Crossing Upgrades	x					x
Green Line Lechmere Signals	x					x
Green Line Signal Replacement	x					x
Green Line Tie Replacement	x					x
Orient Heights Track Work	x					x
Red Line Floating Slab Work	x					x
Red Line Signal Cable Replacement	x					
Red Line Track and Switch Upgrades	x					x
Vehicles						
Green Line No. 7 Overhaul	x					
Green Line No. 8 Car Upgrades	x					
New Orange and Red Line Car Design and Engineering						
New Red and Orange Line Car Procurements	x					
Red Line No. 1 Car Reinvest.	x					
Red Line No. 2 Car Overhaul	x					

* 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.

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