

**Boston Region MPO Unified Planning Work Program (UPWP) Committee Recommendation for
FFY 2014 UPWP New Discrete Projects**

UPWP Committee-Recommended Projects (based on estimated discrete project funding amount of \$470,000)

Project Universe ID	Project Functional Group	Proposed Project Name	Total Cost	Fraction of Costs to be Funded in FFY 2014	FFY 2014 Total Cost	Notes
ID-01	Roadway Network Performance Projects	Traffic Signal Retiming Program	\$40,000	1.00	\$40,000	
ID-05	Roadway Network Performance Projects	Priority Corridors for Long-Range Transportation Plan (LRTP) Needs Assessment	\$70,000	1.00	\$70,000	(1)
ID-06	Roadway Network Performance Projects	Addressing Safety, Mobility, and Access on Subregional Priority Arterial Roadways	\$60,000	1.00	\$60,000	(2)
ID-07	Roadway Network Performance Projects	TIP Project Impacts Before-After Evaluation	\$40,000	1.00	\$40,000	
ID-15	Nonmotorized Transportation Projects	Pedestrian Signal Phasing Study	\$30,000	1.00	\$30,000	
ID-19	Transportation Equity and Accessibility Projects	Environmental Justice Analysis Methodology Review	\$60,000	1.00	\$60,000	
ID-21	Land Use, Environment, and Economy Projects	Transportation Investments for Economic Development	\$50,000	1.00	\$50,000	
ID-26	Transit Projects	Development of a Methodology to Evaluate Potential Limited-Stop Service on Transit Routes (incl. Key Route Corridors)	\$52,000	1.00	\$52,000	
ID-32	Transit Projects	Identification of Areas with Mode Shift Opportunities (includes MAPC participation)	\$68,000	1.00	\$68,000	
Proposed Project Total			\$470,000		\$470,000	
Estimated Discrete Project Funding			\$470,000		\$470,000	
Funds Remaining			\$0		\$0	

(1) A "Priority Corridors for Long-Range Transportation Plan (LRTP) Needs Assessment" project was funded under the FFY 2013 UPWP for \$105,000. The proposed \$70,000 shown above would fund additional corridor study work beyond that detailed in the FFY 2013 UPWP (and in the approved work scope).

(2) An "Addressing Safety, Mobility, and Access on Subregional Priority Arterial Roadways" project was funded under the FFY 2013 UPWP for \$120,000, with \$75,000 to be funded in FFY 2013 and the remaining \$45,000 to be funded in FFY 2014. The proposed \$60,000 shown above would fund additional corridor study work beyond that detailed in the FFY 2013 UPWP (and in the approved work scope).

The set of nine recommended projects above reflects consideration of factors including: MPO visions and policies; federal, state, and regional guidance; supporting a balanced mix of modes; enhancing the technical capacity and knowledge base of the MPO; and addressing location-specific issues around the region. This recommendation has also been fiscally constrained to the estimated budget.

Additional Staff-Supported Projects

Project Universe ID	Project Functional Group	Proposed Project Name	Total Cost	Fraction of Costs to be Funded in FFY 2014	FFY 2014 Total Cost	Notes
ID-22	Land Use, Environment, and Economy Projects	GHG Reduction Strategy Cost-Effectiveness Analysis	\$55,000	1.00	\$55,000	
ID-25	Transit Projects	Actions to Increase Transit Ridership: Cost-Effectiveness Analysis	\$70,000	1.00	\$70,000	
Total Cost of Additional Projects			\$125,000		\$125,000	

**Boston Region MPO Unified Planning Work Program (UPWP) Committee Recommendation for
FFY 2014 UPWP New Discrete Projects**

Projects Not Selected

Project Universe ID	Project Functional Group	Proposed Project Name	Total Cost	Fraction of Costs to be Funded in FFY 2014	FFY 2014 Total Cost	Notes
ID-02	Roadway Network Performance Projects	Congestion Costs for the Boston Region	\$38,500	1.00	\$38,500	
ID-03	Roadway Network Performance Projects	Congestion-Generating Location Analysis	\$75,000	1.00	\$75,000	
ID-04	Roadway Network Performance Projects	Roadway Network Reliability Evaluation	\$92,000	1.00	\$92,000	
ID-08	Roadway Network Performance Projects	Comprehensive Transportation Study for the Back Bay, the Fenway, and the Longwood Medical Area	\$200,000	1.00	\$200,000	
ID-09	Safety and Security Projects	Traffic Safety Countermeasures	\$30,000	1.00	\$30,000	
ID-10	Safety and Security Projects	Crash Reduction Factors Analysis	\$30,000	1.00	\$30,000	
ID-11	Safety and Security Projects	Safety and Mobility near Schools (MAGIC Subregion Pilot)	\$100,000	1.00	\$100,000	
ID-12	Safety and Security Projects	Impacts of Coastal Storms, Tidal Surges, and Climate Change on MassDOT Highway and Transit Tunnels	\$85,000	1.00	\$85,000	
ID-13	Safety and Security Projects	Roadway Network Inventory for Emergency Needs: Phase II	\$25,000	1.00	\$25,000	
ID-14	Nonmotorized Transportation Projects	Trip Purposes and Impacts of Bicycle and Pedestrian Paths	\$30,000	1.00	\$30,000	
ID-16	Nonmotorized Transportation Projects	Bicycle/ Pedestrian Level of Service Analysis	\$30,000	1.00	\$30,000	
ID-17	Nonmotorized Transportation Projects	Bicycle and Pedestrian Crash Analysis	\$42,500	1.00	\$42,500	
ID-18	Transportation Equity and Accessibility Projects	Household Survey-Based Comparisons between Income and Racial Groups	\$35,000	1.00	\$35,000	
ID-20	Land Use, Environment, and Economy Projects	Comparing Auto Usage and Land Use Characteristics	\$32,500	1.00	\$32,500	
ID-23	Land Use, Environment, and Economy Projects	Boston Transportation Fact Book and Neighborhood Profiles: 21st Century	\$75,000	1.00	\$75,000	(3)
ID-24	Transit Projects	Determinants of Walking to Transit	\$32,500	1.00	\$32,500	
ID-27	Transit Projects	Enhancing Transit to Better Serve Our Aging Population	\$25,000	1.00	\$25,000	
ID-28	Transit Projects	Transit Connections to and within Cambridge and Somerville	\$75,000	1.00	\$75,000	
ID-29	Transit Projects	MAGIC Area Study for Transit Service Integration	\$42,500	1.00	\$42,500	
ID-30	Transit Projects	MBTA Fare-Box Non-Interaction	\$45,000	1.00	\$45,000	
ID-31	Transit Projects	Transit Access to Health Care Facilities	\$30,000	1.00	\$30,000	
ID-33	Transit Projects	Transit Enhancements: Route 1/1A Corridor	\$35,000	1.00	\$35,000	

(3) Project costs as listed reflect costs to the MPO. The total project cost (currently estimated at \$175,000) would include contributions from the City of Boston.

Additional Notes

Metropolitan Area Planning Council (MAPC) projects that are not part of Central Transportation Planning Staff (CTPS)-MAPC joint projects have not been included in this document.