

# Amendment Two Action

## FFY 2011 Element

<i>Indicates a change in project cost</i>
<i>Indicates removed from TIP (cost not reflected in total)</i>
<i>Indicates a project moved in from another TIP element</i>
<i>Indicates a project moved out to another TIP element (cost not reflected in total)</i>
<i>Indicates a new addition to the TIP (action taken as denoted)</i>
<i>Indicates a new funding category</i>

### Regional Highway Program

#### FEDERAL-AID TARGET PROJECTS

Congestion Mitigation and Air Quality Improvement Program			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Concord & Lincoln	602984	Route 2 (Crosby's Corner)	\$8,000,000	\$2,000,000	\$10,000,000
Milford	606142	Route 16 Intersection Improvements	\$2,800,000	\$700,000	\$3,500,000
Somerville	604331	Somerville Community Path, Phase 1	\$2,790,089	\$697,522	\$3,487,611
			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
Boston Region	456661	Clean Air and Mobility Program	\$1,600,000	\$400,000	\$2,000,000
	<i>Acton</i>	<i>Acton Shuttle Year 2</i>	<i>\$99,913</i>	<i>\$19,983</i>	<i>\$119,896</i>
	<i>Boston</i>	<i>Boston Bike Maps Year 2</i>	<i>\$30,000</i>	<i>\$6,000</i>	<i>\$36,000</i>
	<i>Hull</i>	<i>Hull Ferry Service Year 2</i>	<i>\$33,116</i>	<i>\$6,623</i>	<i>\$39,739</i>
Congestion Mitigation and Air Quality Improvement Program Total			\$15,190,089	\$3,797,522	\$18,987,611
			Minimum CMAQ Regional Target		\$0

National Highway System			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Canton, Randolph & Westwood	087800	Route 128 Improvement Program Contract 3, Year Five of Six	\$4,800,000	\$1,200,000	\$6,000,000
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year Three of Six	\$9,600,000	\$2,400,000	\$12,000,000
National Highway System Total			\$14,400,000	\$3,600,000	\$18,000,000

Surface Transportation Program			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Concord & Lincoln	602984	Route 2 (Crosby's Corner)	\$831,590	\$207,897	\$1,039,487
Hudson	604812	Route 85	\$8,651,584	\$2,162,896	\$10,814,480
Marshfield	604915	Route 139	\$4,546,128	\$1,136,532	\$5,682,660
Surface Transportation Program Total			\$831,590	\$207,897	\$17,536,627

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### ***FEDERAL-AID TARGET PROJECTS cont.***

#### **Highway Safety Improvement Program (HSIP) Project**

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Concord & Lincoln	602984	Route 2 (Crosby's Corner)	\$3,867,039	\$429,671	\$4,296,710
<b>Highway Safety Improvement Program Total</b>			<b>\$3,867,039</b>	<b>\$429,671</b>	<b>\$4,296,710</b>
			<i>Minimum HSIP Regional Target</i>		<i>\$4,296,710</i>

#### **Surface Transportation Program/Enhancement**

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Ipswich	604945	North Green Improvements (Construction)	\$860,988	\$215,247	\$1,076,235
<b>Surface Transportation Program/Enhancement Total</b>			<b>\$860,988</b>	<b>\$215,247</b>	<b>\$1,076,235</b>

#### **Total Regional Target Programming**

**\$59,897,183**

*Boston Region MPO Regional Target with State Match* *\$59,897,183*

### ***FEDERAL AID NON-TARGET PROJECTS***

#### **High-Priority Projects (TEA-21)**

			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
Boston	604871	Huntington Ave/Symphony Area Streetscape Constriction (HPP 447)	\$2,140,232	\$535,058	\$2,675,290
Boston	604871	Huntington Ave/Symphony Area Streetscape Construction (HPP 1811)	\$820,080	\$205,020	\$1,025,100

#### **High-Priority Projects (SAFETEA-LU)**

			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
Boston	605791	Warren St/Blue Hill Ave Construction (HPP 2129)	\$240,000	\$60,000	\$300,000
Boston		Northern Avenue Bridge Design (HPP 4271)	\$800,000	\$200,000	\$1,000,000
Boston		Rutherford Ave Design (HPP TI 174)	\$2,400,000	\$600,000	\$3,000,000
Boston		Sullivan Square, Phase 1 Design (HPP 3568)	\$897,498	\$224,375	\$1,121,873
Boston		North Washington St Bridge Design (HPP 2586)	\$1,760,000	\$440,000	\$2,200,000
Quincy	606235	Adams Green Design (HPP 4272)	\$640,000	\$160,000	\$800,000
Somerville	604331	Somerville Community Path Design and Construction (HPP 2782)	\$809,911	\$202,478	\$1,012,389
Somerville	605219	Improvements to Broadway in Somerville Construction (HPP 431)*	\$1,987,798	\$496,950	\$2,484,748
Somerville		I-93 Mystic Avenue Interchange Study (HPP 792)	\$359,000	\$89,750	\$448,750
Somerville	604778	Union Square Improvements Study (HPP 999)	\$73,961	\$18,490	\$92,451
Walpole	605187	Washington St Construction (HPP 2431)	\$1,259,860	\$314,965	\$1,574,825
Weymouth	601630	Route 18 Design (HPP 1236)	\$1,336,000	\$334,000	\$1,670,000

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### *FEDERAL AID NON-TARGET PROJECTS cont.*

#### Section 117

Somerville	Adaptive Reuse and Streetscape Improvements Construction	<i>Federal Funds</i>	<i>Other Funds</i>	<i>Total Funds</i>
		\$350,000		\$350,000

#### PLHD Awards (2003)

Boston	Long Island Pier Improvements	<i>Federal Funds</i>	<i>Other Funds</i>	<i>Total Funds</i>
		\$198,700		\$198,700

### *FEDERAL AID NON-TARGET PROJECTS cont.*

#### Section 112

Cambridge	605684 Kendall Square/Broadway Streetscape Construction	\$750,000	\$0	\$750,000
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#### 2004 Ferry Boat Discretionary Commuter Ferry

Winthrop	Winthrop Ferry Improvements Construction	<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
		\$264,232	\$66,058	\$330,290

#### 2005 Ferry Boat Discretionary Ferry Infrastructure

Winthrop	Winthrop Ferry Improvements Construction	<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
		\$208,167	\$52,042	\$260,209

#### Transportation Community and System Preservation (TCSP)

Cambridge	606116 Longfellow Bridge Gateway Improvements	\$889,200	\$222,300	\$1,111,500
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<b>High-Priority Projects Total</b>	<b>\$18,184,640</b>	<b>\$4,221,485</b>	<b>\$22,406,125</b>
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\*Additional money to be provided from outside sources

### *FEDERAL-AID BRIDGE PROJECTS*

#### Bridge

Hudson	604006 Houghton St over the Assabet River	<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
		\$2,033,058	\$508,264	\$2,541,322

Newton	605106 Hammond St over the MBTA	\$739,912	\$184,978	\$924,890
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Wayland	602723 Pelham Island Road over the Sudbury River	\$2,505,648	\$626,412	\$3,132,060
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<b>Bridge Total</b>	<b>\$5,278,618</b>	<b>\$1,319,654</b>	<b>\$6,598,272</b>
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#### Advance Construction Bridge

Boston	604517 Chelsea Street Bridge	<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
		\$8,000,000	\$2,000,000	\$10,000,000

Boston	603370 Route 99 (Alford Street) over Mystic River	\$9,600,000	\$2,400,000	\$12,000,000
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Dedham, Needham & Westwood	603206 Route 128 Improvement Program Contract 4	\$1,600,000	\$400,000	\$2,000,000
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Lynn & Saugus	26710 Route 107 (Fox Hill) Bridge, Year Five	\$400,000	\$100,000	\$500,000
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<b>Advance Construction Bridge Total</b>	<b>\$19,600,000</b>	<b>\$4,900,000</b>	<b>\$24,500,000</b>
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### Accelerated Bridge Program - Federal Aid GANs Projects\*\*

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Boston/Cambridge	604361	Longfellow Bridge (Cambridge Street over the Charles River)			\$281,496,436
Boston	603654	Morton Street over the MBTA			\$8,794,014
Medford	606255	Interstate 93 Superstructure Replacement and Related Work			\$70,000,000
Quincy/Weymouth	604382	Fore River Bridge (Route 3A over the Fore River)			\$310,000,000
Accelerated Bridge Program Total					<b>\$670,290,450</b>
Federal-Aid Bridge Total					<b>\$701,388,722</b>

\*\*GANs conversion to federal aid to begin in 2015

### *FEDERAL AID MAJOR INFRASTRUCTURE AND STATEWIDE CATEGORIES*

#### Interstate Maintenance

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Boston/Somerville	606167	Interstate 93	\$8,424,000	\$936,000	\$9,360,000
Burlington	605589	Interstate 95	\$9,720,000	\$1,080,000	\$10,800,000
Canton	606166	Interstate 95	\$4,752,000	\$528,000	\$5,280,000
Danvers	606163	Interstate 95	\$2,415,600	\$268,400	\$2,684,000
Walpole/Norwood/Sharon/Canton	605590	Interstate 95	\$6,640,200	\$737,800	\$7,378,000
Interstate Maintenance Total			<b>\$31,951,800</b>	<b>\$3,550,200</b>	<b>\$35,502,000</b>

#### National Highway System Pavement Preservation

#### National Highway System Pavement Preservation Total

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>

#### Safe Routes To School Program

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Canton	605874	Hansen School	\$440,800	\$110,200	\$551,000
Chelsea		Wright and Browne Schools	\$320,800	\$80,200	\$401,000
Marlborough	606231	Jaworek Elementary School	\$283,200	\$70,800	\$354,000
Reading	606222	Parker Middle School	\$280,000	\$70,000	\$350,000
Scituate	606216	Heatherly Elementary School	\$412,000	\$103,000	\$515,000
Safe Routes To School Program Total			<b>\$1,736,800</b>	<b>\$434,200</b>	<b>\$2,171,000</b>

#### Total Highway Program

**\$821,365,030**

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<i><b>CENTRAL ARTERY/TUNNEL PROJECT</b></i>	<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
National Highway System (NHS)	\$70,000,000		\$70,000,000
Bridge	\$25,000,000		\$25,000,000
State Transportation Program (STP)/ Flex	\$44,365,000		\$44,365,000
State Transportation Program (STP)	\$20,000,000		\$20,000,000
<b>Federal-Aid Subtotal</b>	<b>\$159,365,000</b>		
<b>Federal-Aid Matching Funds Subtotal</b>			<b>\$159,365,000</b>
<b>Total Federal Fiscal Year 2011 Central Artery/Tunnel Funds</b>			<b>\$159,365,000</b>

### ***Commonwealth Funding Commitments***

<i><b>STATE IMPLEMENTATION PLAN</b></i>	<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Green Line Extension Project***	\$100,000,000	\$38,300,000	\$138,300,000
Fairmount Improvements		\$48,700,000	\$48,700,000
Red Line-Blue Line Connector Design		\$18,000,000	\$18,000,000
1,000 Parking Spaces		\$34,500,000	\$34,500,000
<b>State Implementation Plan Total</b>			<b>\$239,500,000</b>

\*\*\*Green Line cash flows assume FTA New Starts funding. Should New Starts funding not be awarded, the Commonwealth will assume financing of the project. Green Line Extension Project is defined as extension to College Avenue with the Union Square Spur.

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### ***Regional Transit Program***

#### ***Section 5307***

		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>
Systemwide	Locomotive and Coach Procurement	\$40,000,000	\$10,000,000	\$50,000,000
Systemwide	ITS Initiatives	\$4,000,000	\$1,000,000	\$5,000,000
Red Line	Power System Improvements	\$11,000,000	\$2,750,000	\$13,750,000
Systemwide	Station Rehab Program	\$10,000,000	\$2,500,000	\$12,500,000
Green Line	MBTA Accessibility Program (LRAP)	\$7,000,000	\$1,750,000	\$8,750,000
Bus	CNG Bus Overhaul Program	\$3,000,000	\$750,000	\$3,750,000
Bus	Everett Maintenance Facility	\$4,000,000	\$1,000,000	\$5,000,000
Systemwide	Elevator Replacement/Rehabilitation	\$3,000,000	\$750,000	\$3,750,000
Systemwide	Grant Application Notes (GANs) Program	\$7,000,000	\$1,750,000	\$8,750,000
Systemwide	Preventative Maintenance	\$12,000,000	\$3,000,000	\$15,000,000
Systemwide	Maintenance Facilities - Equipment	\$1,000,000	\$250,000	\$1,250,000
Commuter Rail	Commuter Rail Systems Upgrades	\$3,000,000	\$750,000	\$3,750,000
Systemwide	Specialized Non-Revenue Vehicles	\$4,000,000	\$1,000,000	\$5,000,000
Systemwide	Parking Program	\$4,000,000	\$1,000,000	\$5,000,000
Systemwide	Station Accessibility Program	\$16,000,000	\$4,000,000	\$20,000,000
Commuter Rail	Commuter Rail Accessibility Program	\$3,000,000	\$750,000	\$3,750,000
Systemwide	Environmental Program	\$1,000,000	\$250,000	\$1,250,000
Green Line	Positive Train Control	\$1,000,000	\$250,000	\$1,250,000
	<b>Section 5307 MBTA Match Total</b>	<b>\$134,000,000</b>	<b>\$33,500,000</b>	<b>\$167,500,000</b>
		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Cape Ann	Cape Ann Transportation Authority	\$501,362	\$125,341	\$626,703
MetroWest	MetroWest Transportation Authority	\$1,446,082	\$361,521	\$1,807,603
	<b>Section 5307 State Match Total</b>	<b>\$1,947,444</b>	<b>\$486,862</b>	<b>\$2,434,306</b>

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<i>Section 5309 Infrastructure Program</i>		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>
Blue Line	Blue Line Modernization	\$7,000,000	\$1,750,000	\$8,750,000
Red Line	Red Line Number 2 Car	\$8,000,000	\$2,000,000	\$10,000,000
Systemwide	Locomotive and Coach Procurement	\$8,000,000	\$2,000,000	\$10,000,000
Green Line	Positive Train Control	\$2,000,000	\$500,000	\$2,500,000
Subway	Station Platform Program	\$3,000,000	\$750,000	\$3,750,000
Commuter Rail	Coach Rehabilitation and Safety Program (CRASP)	\$5,000,000	\$1,250,000	\$6,250,000
Subway	Vehicle Programs	\$11,000,000	\$2,750,000	\$13,750,000
Red Line	Columbia Junction	\$4,000,000	\$1,000,000	\$5,000,000
Systemwide	Bridge and Tunnel Program	\$8,000,000	\$2,000,000	\$10,000,000
Systemwide	Track Upgrades	\$33,000,000	\$8,250,000	\$41,250,000
Systemwide	Signal System Upgrades	\$5,000,000	\$1,250,000	\$6,250,000
<b>Section 5309 MBTA Match Total</b>		<b>\$94,000,000</b>	<b>\$23,500,000</b>	<b>\$117,500,000</b>

<i>Urban Circulator Grant Program Award</i>		<i>Federal Funds</i>	<i>Local Funds</i>	<i>Total Funds</i>
Boston	Boston Bike Share Program	\$3,003,051	\$750,763	\$3,753,814
<b>Urban Circulator Grant Program Award Total</b>		<b>\$3,003,051</b>	<b>\$750,763</b>	<b>\$3,753,814</b>

<i>Section 5311(f) Program</i>		<i>Federal Funds</i>	<i>Local Funds</i>	<i>Total Funds</i>
Statewide	Intercity Bus Study	\$134,400	\$33,600	\$168,000
<b>Section 5311(f) Program Total</b>		<b>\$134,400</b>	<b>\$33,600</b>	<b>\$168,000</b>

see workscope 1/20/11

<i>Section 5309 (carryover)</i>		<i>Federal Funds</i>	<i>Local Funds</i>	<i>Total Funds</i>
Commuter Ferry	Hingham Marine Intermodal	\$2,031,480	\$507,870	\$2,539,350
Commuter Rail	Auburndale Station Newton RT Accessibility (FFY09)	\$380,000	\$95,000	\$475,000
Commuter Rail	Salem Intermodal (FFY09)	\$451,440	\$112,860	\$564,300
Commuter Rail	Salem/Beverly Intermodal (FFY09)	\$391,875	\$97,969	\$489,844
Commuter Rail	Fitchburg Line Improvements Small Starts (FFY09)	\$29,700,000	\$7,425,000	\$37,125,000
Commuter Ferry	MBTA Ferry System (FFY09)	\$2,500,000	\$625,000	\$3,125,000
Bus	Woburn Park & Ride/Magazine Hill (FFY09)	\$406,296	\$101,574	\$507,870
Commuter Rail	Rockport Station Improvements (FY09)	\$620,730	\$155,183	\$775,913
Bus	Medford Downtown Revit., Park & Ride (FFY09)	\$451,440	\$112,860	\$564,300

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***Section 5309 (carryover) cont.***

		<i>Federal Funds</i>	<i>Local Funds</i>	<i>Total Funds</i>
Orange Line	Assembly Square Exempt New Starts (FFY10)	\$1,000,000	\$250,000	\$1,250,000
Commuter Rail	Fitchburg Line Improvements Small Starts (FFY10)	\$37,452,000	\$9,363,000	\$46,815,000
Commuter Rail	Salem/Beverly Intermodal (FFY10)	\$700,000	\$175,000	\$875,000
Commuter Rail	Auburndale Station Newton RT Accessibility (FFY10)	\$1,000,000	\$250,000	\$1,250,000
Blue Line	Wonderland Intermodal Improvements (FFY10)	\$750,000	\$187,500	\$937,500
<b>Section 5309 Carryover Total</b>		<b>\$77,835,261</b>	<b>\$19,458,815</b>	<b>\$97,294,076</b>

**Federal-Aid Subtotal**

**\$310,785,756**

**Federal-Aid State Matching Funds Subtotal**

**\$486,862**

**Federal-Aid Local Matching Funds Subtotal**

**\$750,763**

**Federal-Aid MBTA Matching Funds Subtotal**

**\$76,458,815**

**Total FFY 2011 Regional Transit Funds**

**\$388,482,196**

**Total FFY 2011 TIP Total**

**\$1,608,712,226**