

Draft FFYs 2011 - 14 TIP Target Funded Projects Cash Flows

			Prior to 2009	2009	2010	2011	2012	2013	2014	Total Programmed	Total in 2011 - 14 TIP	TFPC Estimate	Amount Remaining
Concord/Lincoln	602984	Route 2 (Crosby's Corner)				\$17,474,446	\$14,796,710	\$18,296,710	\$21,396,710	\$71,964,576	\$71,964,576	\$71,943,985	\$0
Danvers/Peabody	87612	Route 128 at Route 35 and Route 62		\$9,000,000	\$13,496,710	\$12,485,290				\$34,982,000	\$12,485,290	\$35,000,000	\$0
Weymouth*	601630	Route 18					\$17,282,039	\$8,820,000		\$26,102,039	\$26,102,039	\$26,100,000	\$0
Canton, Randolph & Westwood	87800	Route 128 Improvement Program Contract 3	\$22,260,000	\$11,959,389	\$7,000,000	\$6,000,000	\$6,000,000			\$53,219,389	\$12,000,000	\$53,219,389	\$0
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4		\$3,000,000	\$10,000,000	\$12,000,000	\$12,000,000	\$12,000,000	\$12,000,000	\$61,000,000	\$48,000,000	\$61,000,000	\$0
Needham & Wellesley	603711	Route 128 Improvement Program Contract 5					\$12,000,000	\$15,000,000	\$15,000,000	\$42,000,000	\$42,000,000	\$72,000,000	\$30,000,000
*Total										\$289,268,004	\$212,551,905	\$319,263,374	\$30,000,000
*Total Target Funding Programmed											\$199,969,866		
*Total Target Available FFY 2011 - 14											\$223,568,517		
Difference											\$23,598,651		

*\$12,582,039 of this project is funded with a federal earmark

Projects in the FFYs 2010 - 13 TIP yet to be advertised

Arlington	Massachusetts Ave	\$3,548,404
Boston	South Bay Harbor Trail (construction)	\$3,850,000
Cambridge	Cambridge Common (Construction)	\$1,000,000
Ipswich	North Green Improvements (Construction)	\$1,076,235
Somerville	Somerville Community Path, Phase 1	\$3,487,611
Somerville	Beacon Street	\$1,319,690
Boston Region	Clean Air and Mobility	\$8,000,000
Total		\$22,281,940
Total Target Remaining		\$1,316,711

Projects staff would (or have previously) recommend for programming if funding was available

Acton and Maynard	Assabet River Rail Trail, Phase 2	\$9,000,000	
Belmont	Trapelo Road	\$11,587,810	
Beverly	Rantol St	\$16,057,360	
Boston	Tremont St	\$2,200,000	
Canton	Route 138	\$1,200,000	now programmed in 2010
Chelsea	Beacham and Williams St	\$6,000,000	
Hanover	Route 53 Reconstruction	\$986,520	
Hudson	Route 85	\$10,814,480	
Lynn	Intersection Improvements	\$1,098,110	now programmed in 2010
Marlborough	Farm Road	\$3,400,000	
Milford	Route 16 Intersection Improvements	\$3,500,000	
Natick	Route 27	\$10,129,579	
Winchester, et al	Tri Community Bikeway	\$5,075,585	
Total		\$81,049,444	

Staff Recommendation FFYs 2011 - 2014 TIP

FFY 2011

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

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Indicates a new addition to the TIP (action taken as denoted)

Indicates a new funding category

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
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	Clean Air and Mobility Program	\$1,600,000	\$400,000	\$2,000,000
Congestion Mitigation and Air Quality Improvement Program Total		\$12,390,089	\$3,097,522	\$15,487,611
		<i>Minimum CMAQ Regional Target</i>		\$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)	\$2,542,189	\$635,547	\$3,177,736
Danvers/Peabody	87612 Route 128 at Route 35 and Route 62	\$9,988,232	\$2,497,058	\$12,485,290
Surface Transportation Program Total		\$12,530,421	\$3,132,605	\$15,663,026

Staff Recommendation FFYs 2011 - 2014 TIP

FFY 2011

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
Highway Safety Improvement Program Total			\$3,867,039	\$429,671	\$4,296,710
			<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		North Green Improvements (Construction)	\$860,988	\$215,247	\$1,076,235
Surface Transportation Program/Enhancement Total			\$860,988	\$215,247	\$1,076,235

Total Regional Target Programming **\$54,523,582**
**Boston Region MPO Regional Target with State Match* *\$54,562,295*

FEDERAL AID NON-TARGET PROJECTS

High-Priority Projects (TEA-21)			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>	<i>Project Notes</i>
Boston		Huntington Ave/Symphony Area Streetscape Constriction (HPP 447)	\$2,140,232	\$535,058	\$2,675,290	moved in from the 2010 element
Boston		Huntington Ave/Symphony Area Streetscape Construction (HPP 1811)	\$820,080	\$205,020	\$1,025,100	moved in from the 2010 element
High-Priority Projects (SAFETEA-LU)			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>	
Boston		Warren St/Blue Hill Ave Construction (HPP 2129)	\$0	\$0	\$0	moved to 2012
Boston		Melnea Cass Blvd Construction (HPP 756)	\$0	\$0	\$0	moved to 2012
Boston		Melnea Cass Blvd Construction (HPP 4284)	\$0	\$0	\$0	moved to 2012
Boston		East Boston Haul Road Design (HPP 2032)	\$2,000,000	\$500,000	\$2,500,000	\$1,344,000
Franklin	604988	Route 140 Improvements Construction (HPP 4279)	\$0	\$0	\$0	moved to 2012
Malden	605173	Pleasant Ave Construction (HPP 589)	\$0	\$0	\$0	moved to 2012
Somerville	604331	Somerville Community Path, Phase 1 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	moved in from the 2010 element
Section 112						
Cambridge	605684	Kendall Square/Broadway Streetscape Construction	\$750,000	\$0	\$750,000	
Section 117						
Malden	605173	Pleasant Ave Construction	\$0	\$0	\$0	moved to 2012
High-Priority Projects Total			\$8,508,022	\$1,939,505	\$10,447,527	

*Additional money to be provided from outside sources

Staff Recommendation FFYs 2011 - 2014 TIP

FFY 2012

Indicates a change in project cost

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Indicates a new funding category

Regional Highway Program

FEDERAL-AID TARGET PROJECTS

Congestion Mitigation and Air Quality Improvement Program

		<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
Boston Region	Clean Air and Mobility Program	\$1,600,000	\$400,000	\$2,000,000
Congestion Mitigation and Air Quality Improvement Program Total		\$1,600,000	\$400,000	\$2,000,000
				<i>Minimum CMAQ Regional Target</i>
				\$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 Six of Six	\$4,800,000	\$1,200,000	\$6,000,000
Dedham, Needham & Westwood	603206 Route 128 Improvement Program Contract 4, Year Four of Six	\$9,600,000	\$2,400,000	\$12,000,000
Needham & Wellesley	603711 Route 128 Improvement Program Contract 5, Year One of Six	\$9,600,000	\$2,400,000	\$12,000,000
National Highway System Total		\$24,000,000	\$6,000,000	\$30,000,000

Surface Transportation Program

		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>	<i>Project Notes</i>
Arlington	604687 Massachusetts Ave	\$2,838,723	\$709,681	\$3,548,404	\$2,650,000
Concord & Lincoln	602984 Route 2 (Crosby's Corner)	\$8,400,000	\$2,100,000	\$10,500,000	
Weymouth	601630 Route 18	\$3,760,000	\$940,000	\$4,700,000	
Surface Transportation Program Total		\$8,400,000	\$2,100,000	\$18,748,404	

Staff Recommendation FFYs 2011 - 2014 TIP FFY 2012

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
Highway Safety Improvement Program Total	\$3,867,039	\$429,671	\$4,296,710
	<i>Minimum HSIP Regional Target</i>		\$4,296,710

Total Regional Target Programming \$55,045,114
**Boston Region MPO Regional Target with State Match \$55,044,658*

*Boston Region MPO Target minus AC projects and ongoing programs is then actualized by 4% for 2011 and 2012

state target	\$55,388,323 less AC/programs		\$8,591,613
less AC/programs multiplied by 1.04 for 2012	\$8,935,278 difference		\$343,665
state target less difference (new target)	\$55,044,658		

FEDERAL AID NON-TARGET PROJECTS

High-Priority Projects (TEA-21)

	<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
Weymouth 601630 Route 18 Construction (HPP 1236)	\$10,065,631	\$2,516,408	\$12,582,039

High-Priority Projects (SAFETEA-LU)

Arlington 604687 Massachusetts Ave Construction (HPP 47)	\$1,157,597	\$289,399	\$1,446,996	
Boston	\$2,499,370	\$624,843	\$3,124,213	\$1,680,000
Boston	\$2,153,997	\$538,499	\$2,692,496	moved from 2011
Boston	\$1,938,598	\$484,650	\$2,423,248	moved from 2011
Boston	\$4,005,900	\$1,001,475	\$5,007,375	moved from 2011
Franklin 604988 Route 140 Improvements Construction (HPP 4279)	\$4,607,375	\$1,151,844	\$5,759,219	moved from 2011
Malden 605173 Pleasant Ave Construction (HPP 589)	\$1,367,848	\$341,962	\$1,709,810	moved from 2011

Section 117

Malden 605173 Pleasant Ave Construction	\$1,657,656	\$0	\$1,657,656	moved from 2011
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Section 129

	<i>Federal Funds</i>	<i>Other Funds</i>	<i>Total Funds</i>
Arlington 604687 Massachusetts Ave Construction	\$750,000		\$750,000
High-Priority Projects Total	\$30,203,972	\$6,949,079	\$37,153,052

Staff Recommendation FFYs 2011 - 2014 TIP FFY 2013

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Indicates a new funding category

Regional Highway Program

FEDERAL-AID TARGET PROJECTS

Congestion Mitigation and Air Quality Improvement Program

		<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>	
Boston Region	Clean Air and Mobility Program	\$1,600,000	\$400,000	\$2,000,000	
	Congestion Mitigation and Air Quality Improvement Program Total	\$1,600,000	\$400,000	\$2,000,000	
				<i>Minimum CMAQ Regional Target</i>	\$8,593,420

National Highway System

		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>	
Dedham, Needham & Westwood	603206 Route 128 Improvement Program Contract 4, Year Five of Six	\$9,600,000	\$2,400,000	\$12,000,000	
Needham & Wellesley	603711 Route 128 Improvement Program Contract 5, Year Two of Six	\$12,000,000	\$3,000,000	\$15,000,000	
	National Highway System Total	\$21,600,000	\$5,400,000	\$27,000,000	

Surface Transportation Program

		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>	
Somerville	601820 Beacon Street	\$1,055,752	\$263,938	\$1,319,690	
Concord & Lincoln	602984 Route 2 (Crosby's Corner)	\$11,200,000	\$2,800,000	\$14,000,000	
Weymouth	601630 Route 18	\$7,056,000	\$1,764,000	\$8,820,000	
	Surface Transportation Program Total	\$12,255,752	\$3,063,938	\$24,139,690	

\$15,300,000 overall project cost is down \$900,000
\$6,000,000 -- project cost increase from \$23.3M to \$26.1M

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	
	Highway Safety Improvement Program Total	\$3,867,039	\$429,671	\$4,296,710	
				<i>Minimum HSIP Regional Target</i>	\$4,296,710

Staff Recommendation FFYs 2011 - 2014 TIP FFY 2013

Surface Transportation Program/Enhancement

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Cambridge	605188	Cambridge Common (Construction)	\$0	\$0	\$0
Surface Transportation Program/Enhancement Total			\$0	\$0	\$0

\$1,000,000 -- moved to 2014

Total Regional Target Programming **\$57,436,400**
**Boston Region MPO Regional Target with State Match* *\$57,303,412*

*Boston Region MPO Target minus AC projects and ongoing programs is then actualized by 4% for 2012, and 2013

state target	\$57,408,851 less AC/programs	\$1,292,141
less AC/programs multiplied by 1.04 for 2012 and 2013	\$1,397,580 difference	\$105,439
state target less difference (new target)	\$57,303,412	

FEDERAL AID NON-TARGET PROJECTS

High-Priority Projects (TEA-21)

			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
Somerville	601820	Beacon Street Construction (HPP 248)	\$2,064,248	\$516,062	\$2,580,310

High-Priority Projects (SAFETEA-LU)

Boston		East Boston Haul Road Design (HPP 2032)	\$0	\$0	\$0
Cambridge	605188	Cambridge Common (Construction HPP 3536)	\$0	\$0	\$0
High-Priority Projects Total			\$2,064,248	\$516,062	\$2,580,310

\$1,680,000
moved to 2014

Staff Recommendation FFYs 2011 - 2014 TIP

FFY 2014

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Indicates a new funding category

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>	
Boston	604761	South Bay Harbor Trail (construction)	\$3,080,000	\$770,000	\$3,850,000	moved from 2010
			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>	
Boston Region		Clean Air and Mobility Program	\$2,400,000	\$600,000	\$3,000,000	\$2,000,000
Congestion Mitigation and Air Quality Improvement Program Total			\$2,400,000	\$600,000	\$6,850,000	
			<i>Minimum CMAQ Regional Target</i>		\$8,593,420	

National Highway System

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year Six of Six	\$9,600,000	\$2,400,000	\$12,000,000
Needham & Wellesley	603711	Route 128 Improvement Program Contract 5, Year Three of Six	\$12,000,000	\$3,000,000	\$15,000,000
National Highway System Total			\$21,600,000	\$5,400,000	\$27,000,000

Surface Transportation Program

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Concord & Lincoln	602984	Route 2 (Crosby's Corner)	\$13,680,000	\$3,420,000	\$17,100,000
Surface Transportation Program Total			\$13,680,000	\$3,420,000	\$17,100,000

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
Highway Safety Improvement Program Total			\$3,867,039	\$429,671	\$4,296,710
			<i>Minimum HSIP Regional Target</i>		\$4,296,710

Staff Recommendation FFYs 2011 - 2014 TIP

FFY 2014

Surface Transportation Program/Enhancement

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Cambridge	605188	Cambridge Common (Construction)	\$800,000	\$200,000	\$1,000,000
Surface Transportation Program/Enhancement Total			\$800,000	\$200,000	\$1,000,000

moved from 2013

Total Regional Target Programming **\$56,246,710**
**Boston Region MPO Regional Target with State Match* *\$56,658,151*

*Boston Region MPO Target minus AC projects and ongoing programs is then actualized by 4% for 2011, 2012, and 2013

state target	\$57,408,851 less AC/programs	\$6,012,141
less AC/programs multiplied by 1.04 for 2012, 2013 and 2014	\$6,762,841 difference	\$750,700
state target less difference (new target)	\$56,658,151	

FEDERAL AID NON-TARGET PROJECTS

High-Priority Projects (TEA-21)

			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
Somerville	601820	Beacon Street Construction (HPP 248)	\$2,064,248	\$516,062	\$2,580,310

High-Priority Projects (SAFETEA-LU)

Boston		East Boston Haul Road Design (HPP 2032)	\$1,344,000	\$336,000	\$1,680,000
Cambridge	605188	Cambridge Common (Construction HPP 3536)	\$899,899	\$224,975	\$1,124,874
High-Priority Projects Total			\$5,385,184		