

# Development of the FFYs 2013–2016 TIP

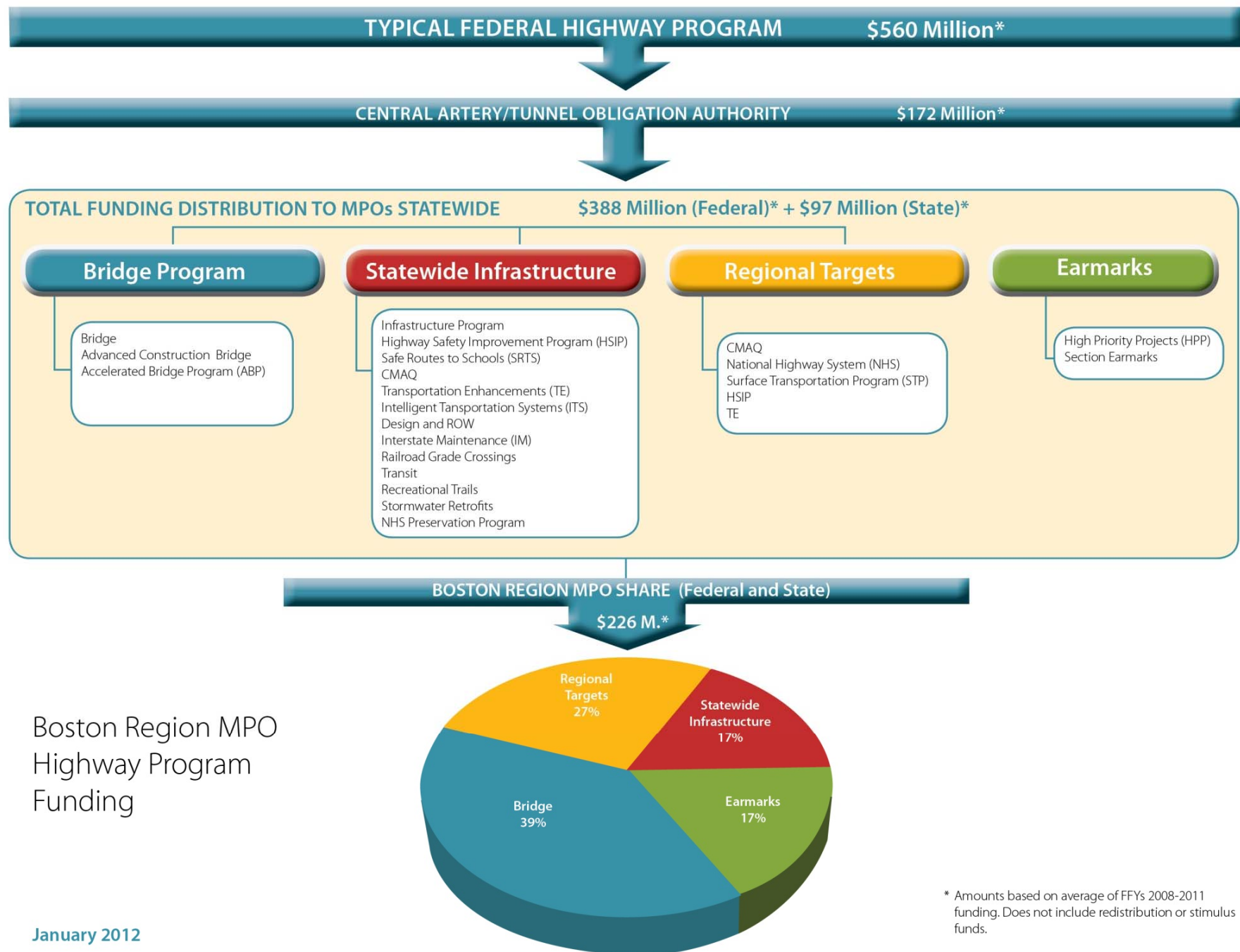


Inner Core Committee

February 1, 2012



Boston Region Metropolitan Planning Organization



# What is the TIP

The **Transportation Improvement Program (TIP)** is a listing of the projects to be funded using Federal Aid over a four year period.

- Implementation arm of the LRTP
- Fiscally constrained
- Meet air quality conformity determination
- Updated annually

# Highway Element

Project Types include:

- **Major Highway**
  - Crosby's Corner in Concord and Lincoln
- **Arterial and Intersection**
  - Mass Ave in Arlington
- **Bicycle and Pedestrian**
  - Cochituate Rail Trail in Framingham

# 2012 TIP Development Process

## Outreach

(Dec – Jan)

*Notification, new project requests, workshops*



## Data Collection

(Jan)

*Update PIFs in Interactive TIP Database*



## Project Evaluation

(Feb – Mar)

*Scoring, community review*



## Staff Recommendation

(Mar)

*Funded projects, First Tier*



## Public Review & Endorsement

(Apr – Jun)

*Draft, public review, MPO endorsement*



## SUBCATEGORY

## CATEGORY

- Improves substandard pavement
- Improves substandard signal equipment condition
- Improves traffic signal operations
- In a Congestion Management Process identified area
- Improves intermodal accommodations/connections to transit
- Implements ITS strategies other than traffic signal operations

### Maintenance, Modernization and Efficiency

36

- Design is consistent with complete streets policies
- Provides multimodal access to an activity center
- Reduces auto dependency
- Project serves a targeted redevelopment site
- Provides for development consistent with the goals of MetroFuture
- Improves the Quality of Life

### Livability and Economic Benefit

28

- Existing peak hour Level of Service (LOS)
- Improves an MPO or State identified freight movement issue
- Improves proponent identified primary mobility issue
- Improves MPO identified mobility issue
- Project reduces congestion
- Improves transit reliability

### Mobility

25

- Air quality (improves/degrades)
- CO2 reduction
- Project is in an EOEEA certified Green Community
- Project reduces VMT/VHT
- Improves identified environmental impact

### Environment and Climate Change

25

- Improves transit for an EJ population
- Design is consistent with complete streets policies in an EJ area
- Improves an MPO identified EJ transportation issue

### Environmental Justice

10

- Improves emergency response
- Improves ability to respond to extreme conditions
- EPDO/Injury Value
- Improves proponent identified primary safety need
- Improves MPO identified primary safety issue
- Improves freight related safety issue
- Improves bicycle safety
- Improves pedestrian safety
- Improves safety or removes an at grade railroad crossing

### Safety and Security

29

Project Rating





**Maintenance, Modernization and Efficiency**
**Livability and Economic Benefit**
**Mobility**
**Environment and Climate Change**
**Environmental Justice**
**Safety and Security**

Rating (36 Total Points Possible)

TIP...	Municipalities	Project_Name	COMMUNITY PRIORITY	SUBREGIONAL PRIORITY	TRANSPORTATION PLAN	TOTAL POINTS (out of 153)	MAINTENANCE, MODERNIZATION & EFFICIENCY POINTS	LIVABILITY & ECONOMIC BENEFIT POINTS	MOBILITY POINTS	ENVIRONMENT & CLIMATE CHANGE POINTS	ENVIRONMENTAL JUSTICE POINTS	SAFETY & SECURITY POINTS	Improves substandard pavement	Improves substandard sign equipment condition	Improves traffic signal operations	Is in a Congestion Management Process-identified area	Improves intermodal accommodations/connections to transit	Implements ITS strategies other than traffic signal operations
604688	Belmont, Watertown	Trapelo Road	1	N	98	34	17	16	12	0	19	6	6	6	6	4	6	
606284	Boston	IMPROVEMENTS TO COMMONWEALTH AVENUE, FR...	0	N	93	28	15	12	11	8	19	6	6	6	4	6	0	
782	Arlington	Massachusetts Ave, phase 1	1		83	30	16	12	11	0	14	6	9	9	3	3	0	
605110	Brookline	Gateway East	1	N	79	30	12	12	15	0	10	6	6	6	6	6	0	
605146	Salem	Canal Street	1	N	79	22	11	12	14	0	20	4	4	6	2	6	0	
600220	Beverly	Route 1A (Rantoul Street )	1	N	77	28	11	15	5	0	18	4	4	6	4	6	4	
602094	Lynn	Route 129 (Broadway)	3	N	77	28	8	11	10	0	20	4	6	6	6	4	2	
605034	Natick	Route 27 (North Main Street)	1	N	74	22	13	14	9	0	16	4	6	6	6	0	0	
29492	Bedford, Billerica, Burlington	Middlesex Turnpike Improvement Project, Phase Three	1	Y	73	28	8	15	10	0	12	6	6	6	6	2	2	
601553	Melrose	Lebanon & Main Streets	1	N	73	26	11	13	8	0	15	6	4	6	4	4	2	
601704	Newton	Walnut Street	1	N	69	24	14	8	11	0	12	6	4	6	2	6	0	
605189	Concord	Bruce Freeman Rail Trail, phase 2C	1	N	68	20	13	8	14	0	13	0	4	4	6	6	0	
602077	Lynn	Route 129 (Lynnfield Street )	2	N	68	20	8	11	10	0	19	4	0	6	6	4	0	

Click on column header text to sort



# Staff Evaluations → First Tier List of Projects

## FFYs 2012-15 TIP - First Tier List of Projects

Project Number	Municipality(s)	Project Name	Project Cost	Project Evaluation Rank
604688	Belmont, Watertown	Trapelo Road	\$14,591,678	#1, 98 points
606284	Boston	Improvements to Commonwealth Ave, phase 2	\$11,507,814	#2, 93 points
605110	Brookline	Gateway East	\$4,350,000	#3, 79 points
605146	Salem	Canal Street	\$6,600,000	#3, 79 points
600220	Beverly	Route 1A (Rantoul Street )	\$15,143,094	#5, 77 points
602094	Lynn	Route 129 (Broadway)	\$4,600,000	#5, 77 points
605034	Natick	Route 27 (North Main Street)	\$10,129,579	#7, 74 points
29492	Bedford, Billerica, Burlington	Middlesex Turnpike Improvement Project, phase 3	\$19,200,000	#8, 73 points

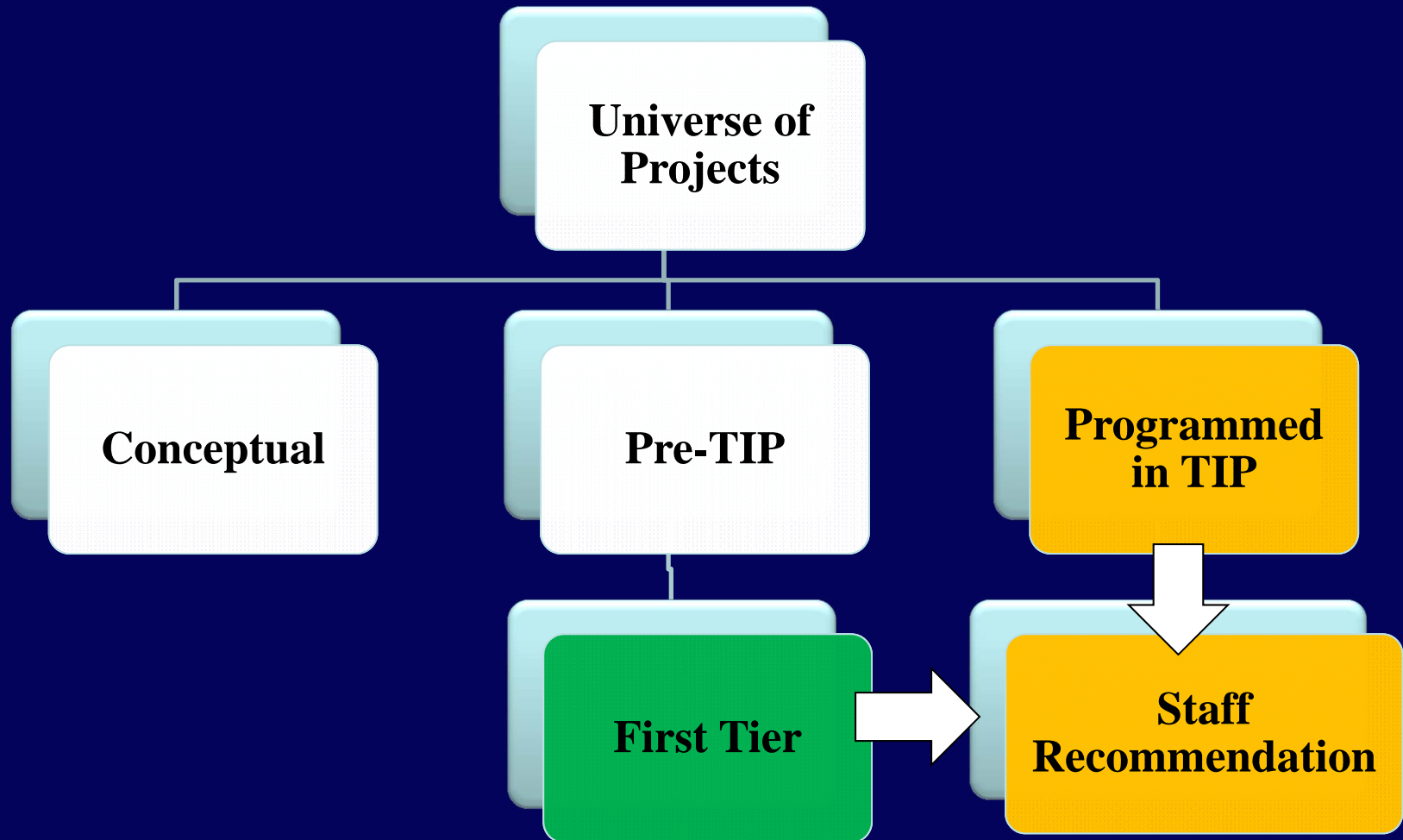
In Draft FFYs 2012-15 TIP

**March 22:** Staff submits First-Tier List and staff recommendation to the MPO  
**April 5:** MPO discusses First-Tier List and staff recommendation





# Staff Recommendation



# Staff Recommendation

## Project Prioritization Factors:

- TIP Evaluation Criteria
- Readiness factors
- Long Range Transportation Plan implementation
- Geographic Equity

**March 22:** Staff submits First-Tier List and staff recommendation to the MPO

**April 5:** MPO discusses First-Tier List and staff recommendation



# 2012 TIP Development Schedule

**Present - February 3:** Municipalities update TIP related information

**March 2 – March 19:** Municipalities review staff evaluations and provide feedback, if needed

**March 22:** Staff submits First-Tier List of projects and staff recommendation to the MPO

**April 5:** MPO discusses First-Tier List and staff recommendation

**April 19:** MPO votes on Draft FFYs 2013-15 TIP for public review

**April 30 – May 29:** Public reviews Draft TIP

**June 28:** MPO takes action on the Draft TIP



# Online Resources and Contacts

[www.bostonmpo.org/tip](http://www.bostonmpo.org/tip)

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