

# TIP-Building Workshop

## Development of the FFYs 2013 – 2016 TIP



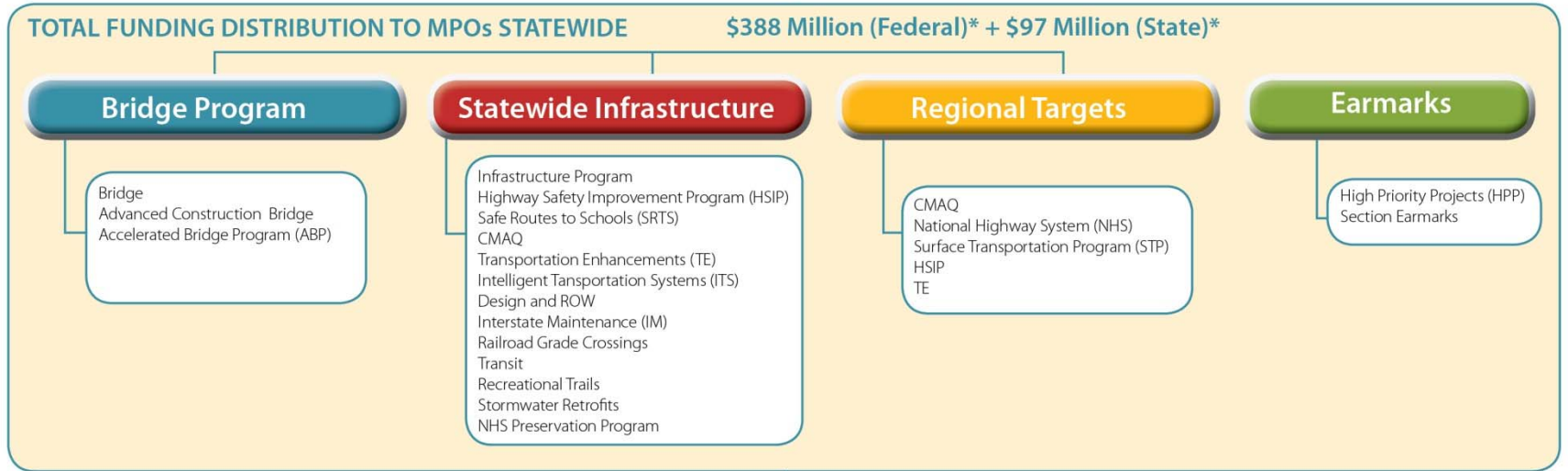
MPO Open House  
January 25, 2012



Boston Region Metropolitan Planning Organization

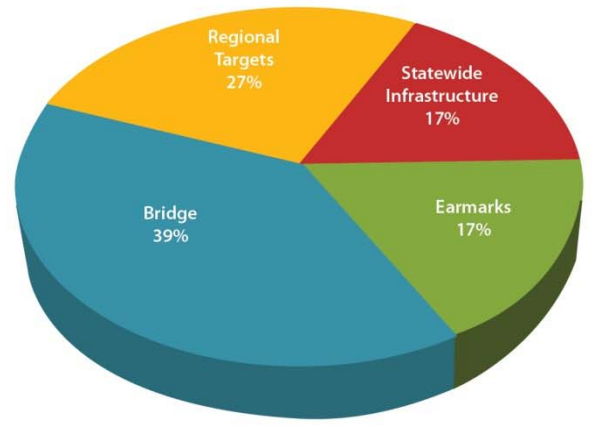
TYPICAL FEDERAL HIGHWAY PROGRAM \$560 Million\*

CENTRAL ARTERY/TUNNEL OBLIGATION AUTHORITY \$172 Million\*



BOSTON REGION MPO SHARE (Federal and State)  
\$226 M.\*

Boston Region MPO  
Highway Program  
Funding



\* Amounts based on average of FFYs 2008-2011 funding. Does not include redistribution or stimulus funds.

# 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

\*Must be on federal aid eligible roadways



# 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*



# Municipal Updates on TIP

- Update TIP Contact information
- Update Project Information Forms (PIFs) for existing priority projects
- Submit new project requests to TIP Manager\*

Project Information Forms (PIFs) – **due February 3**



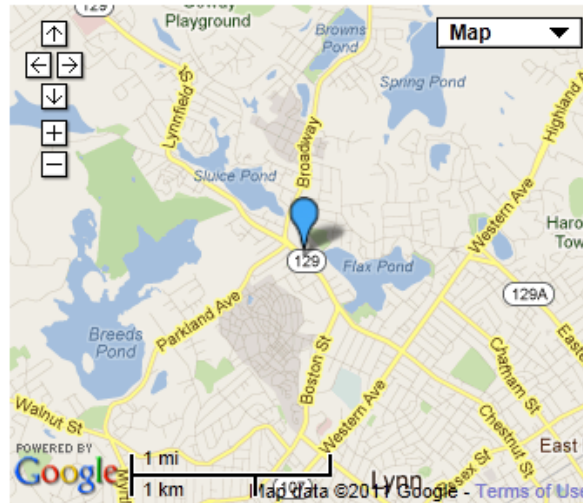
User ID:

Password:

**Proponent-Provided**  
**Data last entered on:**  
**TIP Status**

**03/03/2011**  
**FFYs 2012-15 TIP**

- 1 ID Number: **602094**
- 2 Municipality(ies): **Lynn**
- 3 Project Name: **Route 129 (Broadway)**
- 4 Project Category: **Arterial and Intersection**
- 5 Mass DOT Highway Division District: **4**
- 6 MAPC Subregion: **Inner Core**
- 7 Estimated Cost: **\$5,421,560**
- 8 Earmark Funds:



- 9 Description: **This project will resurface Route 129 and reconstruct sidewalks from Wyoma Square to Boston Street.**
- 10 Project Length (Miles): **0.69**
- 11 Project Lane-Miles: **0.69**
- 12 Additional Lane-Miles: **0**

**Community Support**

**P1 Community Priority**

**3**



## SUBCATEGORY

## CATEGORY

<ul style="list-style-type: none"> <li>• Improves substandard pavement</li> <li>• Improves substandard signal equipment condition</li> <li>• Improves traffic signal operations</li> <li>• In a Congestion Management Process identified area</li> <li>• Improves intermodal accommodations/connections to transit</li> <li>• Implements ITS strategies other than traffic signal operations</li> </ul>	→	<b>Maintenance, Modernization and Efficiency</b>	→	36
<ul style="list-style-type: none"> <li>• Design is consistent with complete streets policies</li> <li>• Provides multimodal access to an activity center</li> <li>• Reduces auto dependency</li> <li>• Project serves a targeted redevelopment site</li> <li>• Provides for development consistent with the goals of MetroFuture</li> <li>• Improves the Quality of Life</li> </ul>	→	<b>Livability and Economic Benefit</b>	→	28
<ul style="list-style-type: none"> <li>• Existing peak hour Level of Service (LOS)</li> <li>• Improves an MPO or State identified freight movement issue</li> <li>• Improves proponent identified primary mobility issue</li> <li>• Improves MPO identified mobility issue</li> <li>• Project reduces congestion</li> <li>• Improves transit reliability</li> </ul>	→	<b>Mobility</b>	→	25
<ul style="list-style-type: none"> <li>• Air quality (improves/degrades)</li> <li>• CO2 reduction</li> <li>• Project is in an EOEEA certified Green Community</li> <li>• Project reduces VMT/VHT</li> <li>• Improves identified environmental impact</li> </ul>	→	<b>Environment and Climate Change</b>	→	25
<ul style="list-style-type: none"> <li>• Improves transit for an EJ population</li> <li>• Design is consistent with complete streets policies in an EJ area</li> <li>• Improves an MPO identified EJ transportation issue</li> </ul>	→	<b>Environmental Justice</b>	→	10
<ul style="list-style-type: none"> <li>• Improves emergency response</li> <li>• Improves ability to respond to extreme conditions</li> <li>• EPDO/Injury Value</li> <li>• Improves proponent identified primary safety need</li> <li>• Improves MPO identified primary safety issue</li> <li>• Improves freight related safety issue</li> <li>• Improves bicycle safety</li> <li>• Improves pedestrian safety</li> <li>• Improves safety or removes an at grade railroad crossing</li> </ul>	→	<b>Safety and Security</b>	→	29

Project Rating





# 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

## Project Prioritization Factors:

- TIP Evaluation Criteria
- Readiness factors (to include all permitting). Deference will be given to MassDOT – Highway Division staff on this factor.
- Long Range Transportation Plan (Paths to a Sustainable Region – 2035) 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)  
[www.bostonmpo.org/tip\\_development](http://www.bostonmpo.org/tip_development)

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