



# **FFYs 2020-2024 Preliminary TIP Evaluation Results**

**February 7, 2019**

**Matt Genova**

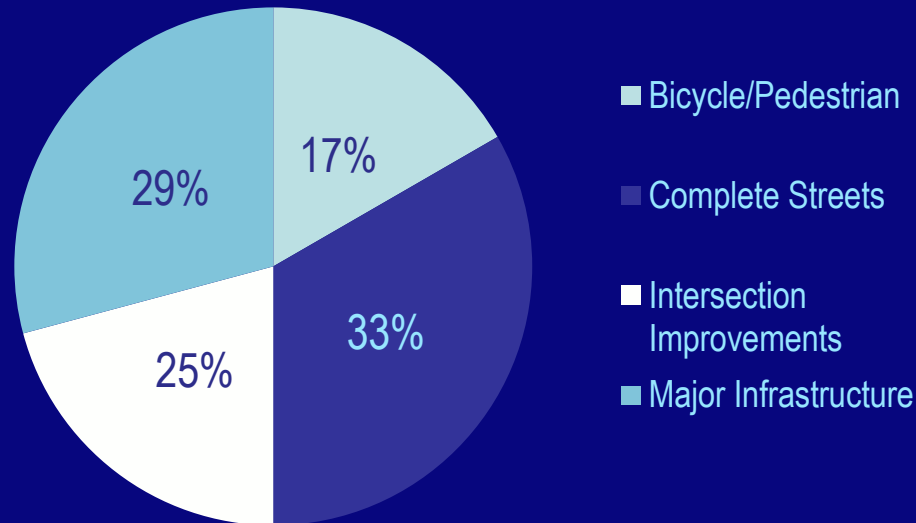
**Transportation Improvement Program Manager**

**Boston Region Metropolitan Planning Organization**

# FFYs 2020-2024 TIP Evaluation Overview

- In total, 24 projects were evaluated in FFY19
  - 12 new projects, 12 previously evaluated projects

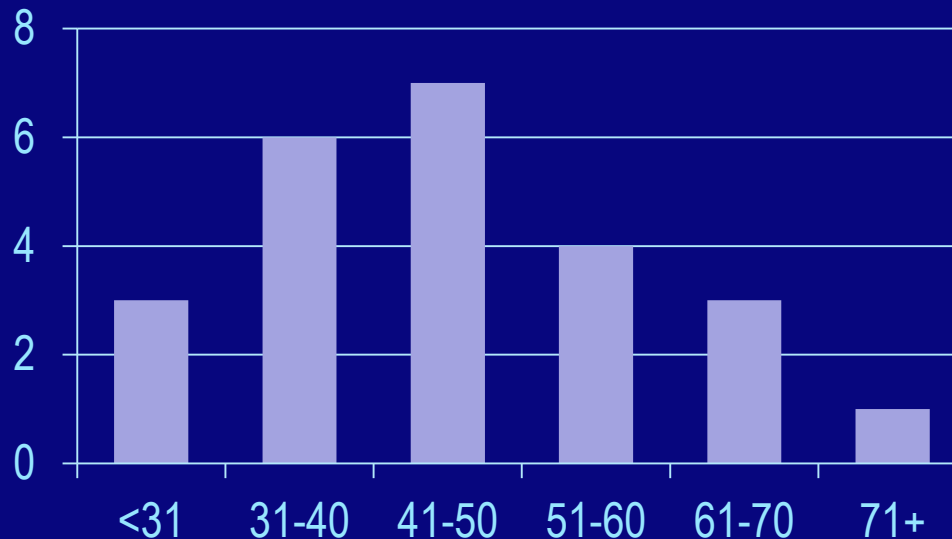
## FFY 2019 Projects Evaluated



# FFYs 2020-2024 TIP Evaluation Overview

- **Average score of projects evaluated = 44.7**
  - **Major infrastructure average (highest) = 54**
  - **Bike/ped average (lowest) = 30.8**

**FFY 2019 Score Distribution**



# FFYs 2020-2024 TIP Evaluation Criteria

Safety                      System Preservation                      Capacity Management / Mobility                      Clean Air / Sustainable Communities                      Transportation Equity                      Economic Vitality  
 ↓                                      ↓                                      ↓                                      ↓                                      ↓                                      ↓

CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	x/30	x/29	x/29	x/16	x/12	x/18	x/134

↑  
 Scores in the top quartile of projects evaluated in FFY 2019 are highlighted in green.



# FFYs 2020-2024 TIP Development Timeline

<b>Deadline:</b> Identify New TIP Contacts	<b>October 19, 2018</b>
Outreach and Initial Universe of Projects	<b>October 22 and 24, 2018</b>
<b>Key MPO Meeting:</b> TIP and LRTP Draft Universe	<b>November 15, 2018</b>
<b>Deadline:</b> Municipalities Confirm Projects in Universe	<b>November 22, 2018</b>
<b>Deadline:</b> Submit Information for Project Evaluations	<b>December 3, 2018</b>
MassDOT Quarterly PRC Meeting	<b>December 6, 2018</b>
Complete Initial Project Evaluations	<b>January 2019</b>
→ <b>Key MPO Meeting:</b> Initial Evaluation Results	<b>February 7, 2019</b>
<b>Deadline:</b> Submit Feedback on Project Evaluations	<b>February 15, 2019</b>
Post Revised Evaluation Scores and First-Tier List	<b>February 18, 2019</b>
<b>Key MPO Meeting:</b> First-Tier List	<b>February 21, 2019</b>
<b>Key MPO Meetings:</b> Staff Recommendation	<b>March 7 and 21, 2019</b>
<b>Key MPO Meeting:</b> Release Draft TIP for Public Review	<b>April 2019</b>
<b>Key MPO Meeting:</b> Endorse Final TIP	<b>May 2019</b>

# Boston: Neponset River Greenway (Phase 3) (608943)

**Proponent:** MA Dept. of Conservation & Recreation

**Evaluation Status:** New Project

**Cost:** \$4,972,500

**Project Type:** Bicycle/Pedestrian

## Description:

- Final northern link of the Neponset River Greenway, from Senator Joseph Finnegan Park to Morrissey Boulevard
- 10-foot paved, shared-use path



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	11/30	4/29	9/29	10/16	7/12	1/18	42/134

# Peabody: Independence Greenway Extension (609211)

**Proponent:** Peabody

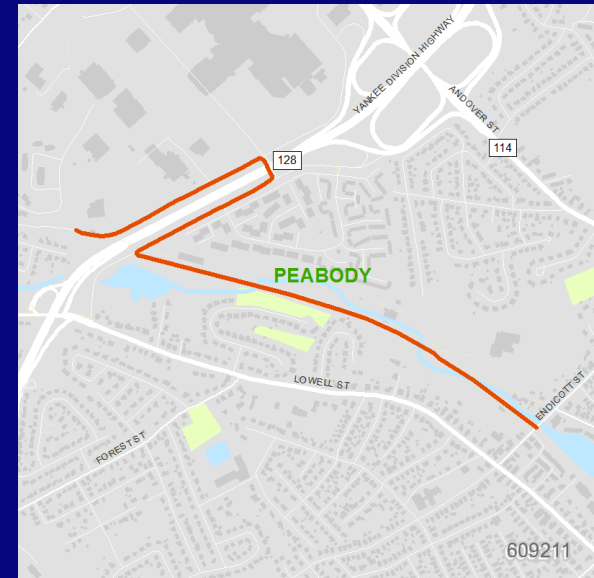
**Evaluation Status:** New Project

**Cost:** \$1,921,075

**Project Type:** Bicycle/Pedestrian

**Description:**

- Extend greenway 1.3 miles, increasing total length of the Independence Greenway to approximately 8 miles.
- Utilizes existing rail corridor to connect North Shore Mall to Central Peabody



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	7/30	4/29	8/29	4/16	4/12	4/18	31/134

# Weston: Multi-Use Trail Connection (Recreation Road to Upper Charles River Greenway, Including Reconstruction of Pedestrian Bridge) (609066)

**Proponent:** MassDOT

**Evaluation Status:** New Project

**Cost:** \$2,661,498

**Project Type:** Bicycle/Pedestrian

**Description:**

- Reconstruction of existing (closed) pedestrian bridge over the Charles River
- Key connection in the future Riverside Greenway, envisioned to connect the DCR's Upper Charles River Reservations to the MBTA Green Line Riverside T station



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	6/30	3/29	9/29	4/16	2/12	0/18	24/134



# Lynn: Rehabilitation of Essex Street (609252)

**Proponent:** Lynn

**Evaluation Status:** New Project

**Cost:** \$16,952,000

**Project Type:** Complete Streets

**Description:**

- Safety improvements at four high-crash clusters
- Replacement of non-compliant traffic signals
- Improved roadway geometry and pavement
- Reconstruction of sidewalks, crosswalks, and wheelchair ramps
- Addition of bicycle lanes



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	19/30	14/29	7/29	8/16	10/12	3/18	61/134

# Everett: Rehabilitation of Beacham Street, from Route 99 to Chelsea City Line (609257)

**Proponent:** Everett

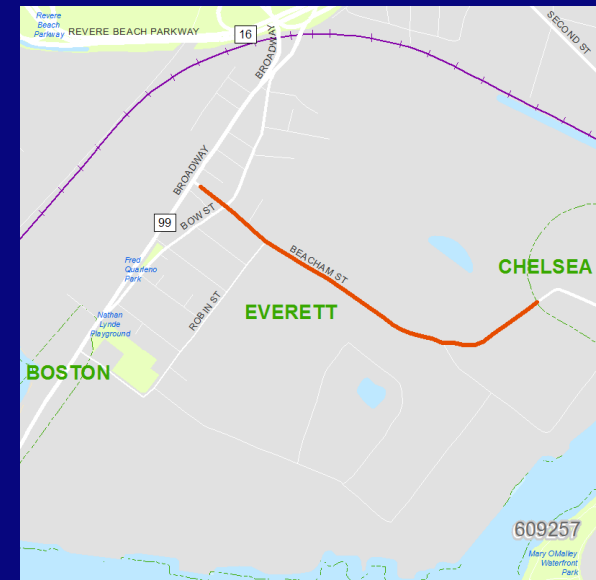
**Evaluation Status:** New Project

**Cost:** \$9,180,000

**Project Type:** Complete Streets

**Description:**

- Roadway pavement reconstruction
- Sidewalk reconstruction
- Addition of shared-use bike path with buffer
- Drainage improvements
- New signs and pavement markings



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	19/30	10/29	13/29	4/16	7/12	1/18	54/134

# Wilmington: Reconstruction of Route 38 (Main Street), from Route 62 to the Woburn City Line (608051)

**Proponent:** Wilmington

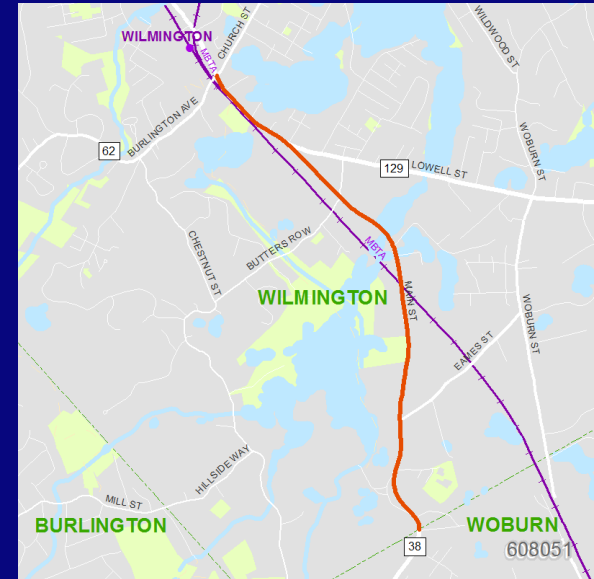
**Evaluation Status:** New Project

**Cost:** \$10,802,316

**Project Type:** Complete Streets

**Description:**

- Turn lanes and upgraded traffic signals installed at Route 62
- Traffic signal installation and roadway alignment at Route 38 and Cross Street/Butters Row
- Addition of bike lanes
- Addition of sidewalk on one side of roadway



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	15/30	12/29	9/29	10/16	1/12	4/18	51/134

# Littleton: Reconstruction of Foster Street (609054)

**Proponent:** Littleton

**Evaluation Status:** New Project

**Cost:** \$3,522,546

**Project Type:** Complete Streets

**Description:**

- Addition of new 10' shared-use path on west side of Foster Street, connecting to MBTA stop
- Pavement reconstruction
- Drainage improvements
- New curb installation
- Installation of two new pedestrian crossings and beacons



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	12/30	3/29	11/29	5/16	1/12	5/18	37/134

# Wilmington: Intersection Improvements at Lowell Street (Route 129) and Woburn Street (609253)

**Proponent:** Wilmington

**Evaluation Status:** New Project

**Cost:** \$3,400,000

**Project Type:** Intersection Improvements

**Description:**

- Upgrading traffic signals for improved visibility
- Addition of four new left-turn lanes and one right-turn lane
- Addition of bicycle lanes on all four intersection approaches
- New and rehabilitated sidewalks, crosswalks, and pedestrian signals



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	11/30	11/29	16/29	9/16	1/12	1/18	49/134

# Ashland: Rehabilitation and Rail Crossing Improvements on Cherry Street (608436)

**Proponent:** Ashland

**Evaluation Status:** New Project

**Cost:** \$990,000

**Project Type:** Intersection Improvements

**Description:**

- Establish a Federal Railroad Administration Quiet Zone at railroad crossings at Cherry Street and Main Street
- Close gaps in pedestrian sidewalk network
- Pavement reconstruction
- Improved roadway drainage



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	12/30	10/29	5/29	2/16	1/12	8/18	38/134

# Lynn: Traffic and Safety Improvements at Two Locations on Broadway (609254)

**Proponent:** Lynn

**Evaluation Status:** New Project

**Cost:** \$5,870,300

**Project Type:** Intersection Improvements

**Description:**

- Signalization of stop-controlled intersection at Jenness Street
- Replacement of non-compliant traffic signals
- Reconstruction of sidewalks, crosswalks, and wheelchair ramps
- Addition of bicycle facilities
- Roadway resurfacing



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	13/30	12/29	3/29	2/16	1/12	3/18	34/134

# Framingham: Traffic Signal Installation at Edgell Road and Central Street (608889)

**Proponent:** Framingham

**Evaluation Status:** New Project

**Cost:** \$1,680,000

**Project Type:** Intersection Improvements

## Description:

- Installation of new traffic signal
- Addition of bike lanes on all four approaches
- Reconfiguration of roadway geometry to improve sight distances
- Installation of two turn lanes
- Reconfiguration of 3 existing pedestrian islands to create 1 island



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	6/30	2/29	4/29	8/16	2/12	4/18	26/134



# Lynn: Reconstruction of Western Avenue (Route 107) (609246)

**Proponent:** Lynn

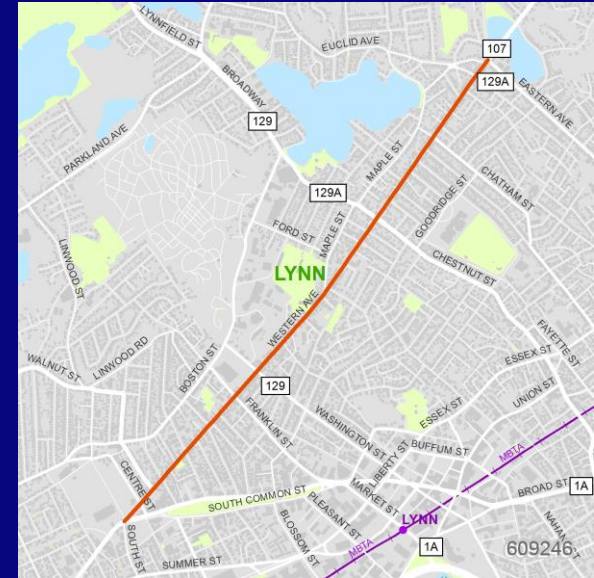
**Evaluation Status:** New Project

**Cost:** \$36,205,000

**Project Type:** Major Infrastructure

**Description:**

- Installation of 2 new traffic signals
- Roadway resurfacing
- Addition of street trees
- Modernization of existing traffic signals
- Addition of bike lanes
- Reconstruction of sidewalks, ramps, and curbs



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	17/30	12/29	12/29	9/16	10/12	4/18	64/134

# FFYs 2020-2024 Project Re-evaluation Notes

- **Primary reasons for score changes to previously evaluated projects:**
  - **New data (roadway safety, pavement condition)**
  - **New project information/documentation (FDRs)**
- **Previously evaluated projects may see score changes in future years as more project documentation and new data become available**

# Framingham: Pedestrian Hybrid Beacon Installation at Route 9 and Maynard Road (608006)

**Proponent:** MassDOT

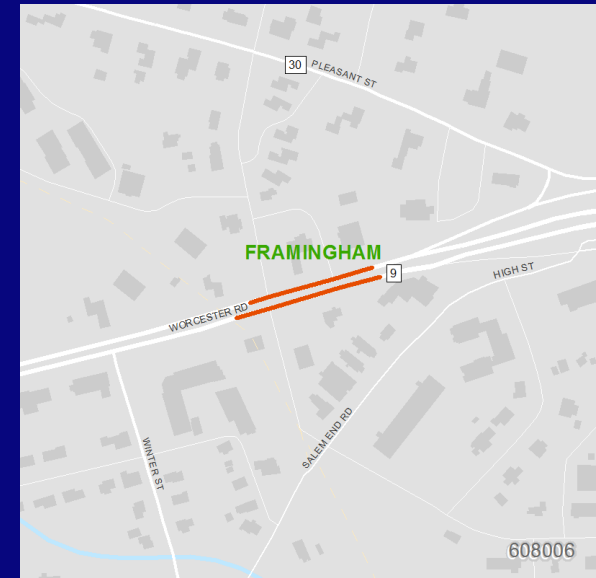
**Evaluation Status:** Returning Project

**Cost:** \$886,228

**Project Type:** Bicycle/Pedestrian

**Description:**

- Construction of pedestrian crossing (HAWK signal) across Route 9 at Maynard Road
- Reconstruction of existing emergency signal for the Framingham Fire Station on Route 9



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	11/30	6/29	2/29	2/16	1/12	4/18	26/134

# Hingham: Intersection Improvements at Route 3A/Summer Street Rotary (605168)

**Proponent:** Hingham

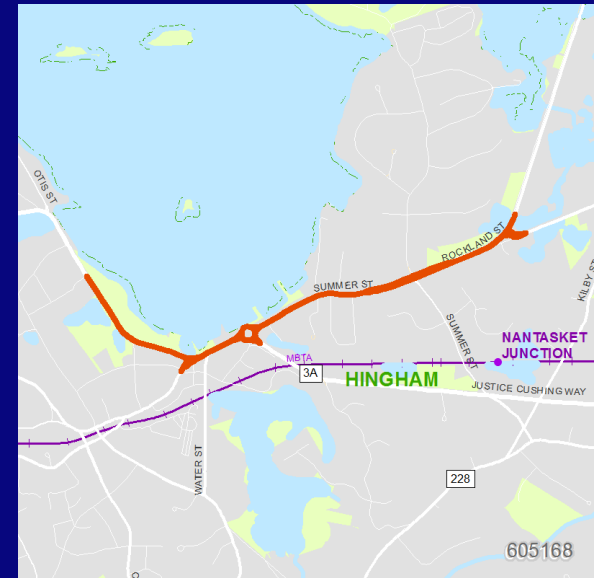
**Evaluation Status:** Returning Project

**Cost:** \$7,500,001

**Project Type:** Complete Streets

**Description:**

- Road diet along Summer Street/Rockland Street east of rotary
- Turn lane reconfiguration west of rotary
- Construction of a buffered, shared-use path along the north side of the corridor
- Drainage improvements
- Traffic signal upgrades at Bathing Beach



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	10/30	16/29	17/29	10/16	0/12	2/18	55/134

# Newton: Reconstruction and Signal Improvements on Walnut Street, from Homer Street to Route 9 (601704)

**Proponent:** Newton

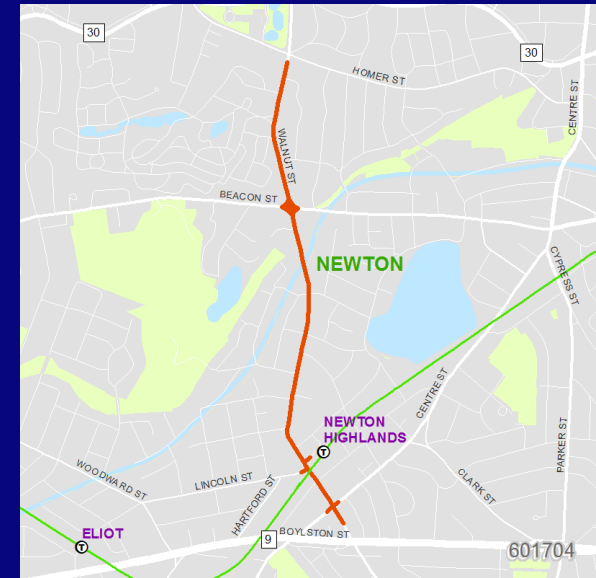
**Evaluation Status:** Returning Project

**Cost:** \$4,648,360

**Project Type:** Complete Streets

**Description:**

- Traffic signal improvements at 3 locations
- Drainage improvements
- Sidewalk reconstruction
- Curb reconstruction
- Pavement markings
- Signage improvements



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	14/30	12/29	7/29	4/16	0/12	8/18	45/134

# Danvers: Reconstruction of Collins Street, from Sylvan Street to Centre and Holten Streets (602310)

**Proponent:** Danvers

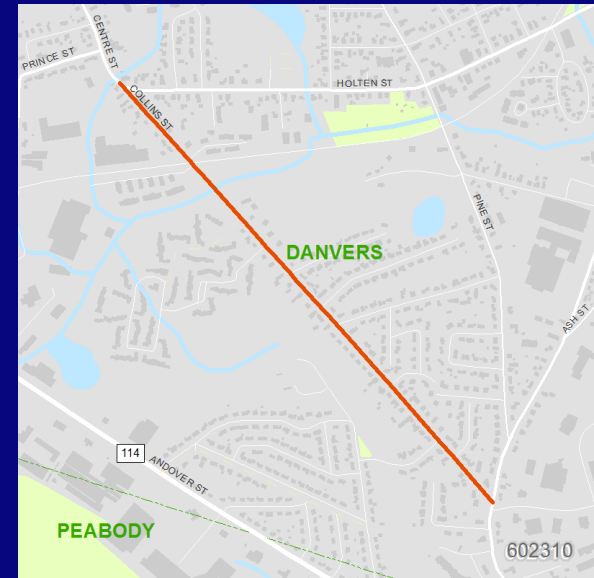
**Evaluation Status:** Returning Project

**Cost:** \$5,183,121

**Project Type:** Complete Streets

**Description:**

- Roadway reconfiguration and addition of turn lane
- Pavement reconstruction
- Installation of granite curbs
- Sidewalk reconstruction
- New traffic signals at Centre/Holten Streets
- New signage and pavement markings



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	8/30	12/29	12/29	5/16	2/12	5/18	44/134

# Milford: Rehabilitation on Route 16, from Route 109 to Beaver Street (608045)

**Proponent:** MassDOT

**Evaluation Status:** Returning Project

**Cost:** \$2,700,000

**Project Type:** Complete Streets

## Description:

- Road diet and new bike lanes on Route 16
- Installation of two new traffic signals and reconstruction of two existing signals
- Sidewalk reconstruction and crosswalk improvements throughout project area
- Reconfiguration of turn lanes throughout project area



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	20/30	7/29	9/29	-1/16	3/12	5/18	43/134

# Marlborough: Intersection and Signal Improvements on Route 20 (East Main Street/Boston Post Road) at Concord Road (604231)

**Proponent:** MassDOT

**Evaluation Status:** Returning Project

**Cost:** \$1,706,600

**Project Type:** Intersection Improvements

**Description:**

- Signalization of intersection at Route 20 and Concord Road
- Signal coordination and modernization of two other intersections along the corridor



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	5/30	6/29	8/29	6/16	3/12	7/18	35/134



# Somerville: McGrath Boulevard Project (607981)

**Proponent:** Somerville

**Evaluation Status:** Returning Project

**Cost:** \$82,500,000

**Project Type:** Major Infrastructure

**Description:**

- Reconstruction of roadway at grade
- Addition of shared-use path
- Reconstruction of traffic signals at new at-grade intersections
- Reconstruction of turn lanes to reduce roadway width and manage congestion



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	15/30	12/29	19/29	6/16	10/12	12/18	74/134

# Boston: Improvements along Commonwealth Avenue (Route 30) from Alcorn Street to Warren/Kelton Streets (Phases 3 and 4) (608449)

**Proponent:** Boston

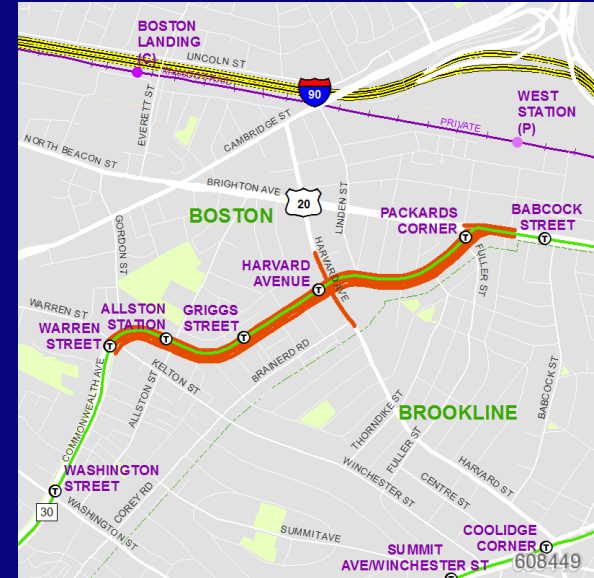
**Evaluation Status:** Returning Project

**Cost:** \$31,036,006

**Project Type:** Major Infrastructure

## Description:

- Full reconstruction of the roadway pavement, sidewalks, curbs, and medians
- New separated bicycle facilities
- Drainage upgrades
- New urban design and landscape features
- Traffic signal and lighting upgrades



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	14/30	12/29	11/29	8/16	8/12	11/18	64/134

# Natick: Bridge Replacement, Route 27 (North Main Street) over Route 9 (Worcester Street) and Interchange Improvements (605313)

**Proponent:** Natick

**Evaluation Status:** Returning Project

**Cost:** \$25,897,370

**Project Type:** Major Infrastructure

## Description:

- Modification of existing cloverleaf interchange to provide partial cloverleaf with auxiliary lanes on Route 9
- Reconstruction of substandard Route 27 bridge
- Drainage improvements



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	20/30	13/29	10/29	4/16	1/12	6/18	54/134

# Canton, Westwood: Interchange Improvements at I-95 / I-93 / University Avenue / I-95 Widening (87790)

**Proponent:** MassDOT

**Evaluation Status:** Returning Project

**Cost:** \$4,972,500

**Project Type:** Major Infrastructure

**Description:**

- Addition of new travel lanes in median of I-95
- Addition of new ramps between I-93 and University Avenue
- Reconfiguration of I-95N cloverleaf as a ramp
- Reconfiguration of direct connection between I-93S and I-95S
- Addition of new shared-use path and park land



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	18/30	6/29	17/29	-1/16	1/12	7/18	48/134

# Saugus: Interchange Reconstruction at Walnut Street and Route 1 (Phase II) (601513)

**Proponent:** Saugus

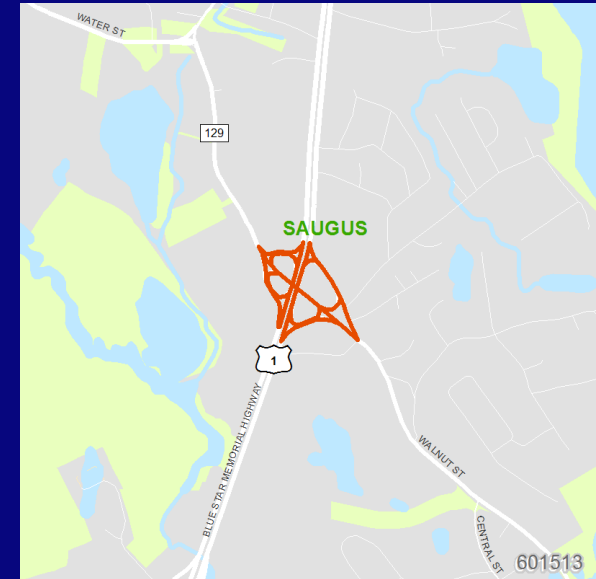
**Evaluation Status:** Returning Project

**Cost:** \$19,581,123

**Project Type:** Major Infrastructure

**Description:**

- Widening of Walnut Street (Route 129) bridge and ramp modifications
- Reconstruction of Walnut Street/Route 1 interchange
- Installation of four new traffic signal systems



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	11/30	11/29	9/29	6/16	2/12	4/18	43/134

# Danvers, Peabody: Mainline Improvements on Route 128 (Phase II) (604638)

**Proponent:** MassDOT

**Evaluation Status:** Returning Project

**Cost:** \$202,205,994

**Project Type:** Major Infrastructure

**Description:**

- Widening of Route 128 to include outside and inside shoulder
- Installation of precast concrete median
- Reconstruction of 3 roadway bridges along corridor



CATEGORY	SAFE	SYST	CM/M	CA/SC	EQUITY	ECON	TOTAL
SCORE	14/30	4/29	5/29	3/16	3/12	3/18	32/134

Questions?

