



FFYs 2021–25 TIP and Community Connections Project Evaluation Results

February 27, 2020

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Boston Region MPO Staff

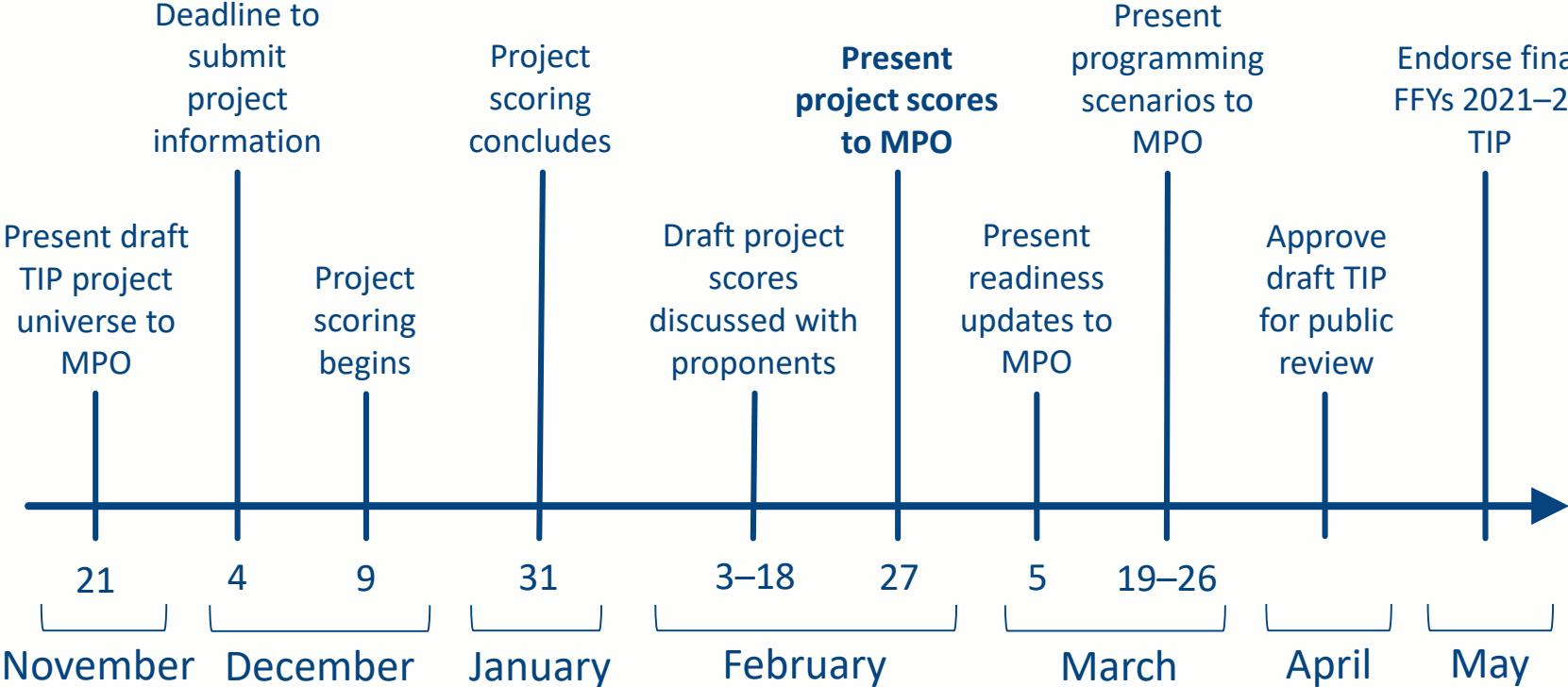
Boston Region Metropolitan Planning Organization

Topics for Discussion

- **FFYs 2021–25 TIP development timeline**
- **Project evaluation process**
- **Summary of evaluated TIP projects**
- **TIP project evaluation results**
- **Community Connections project evaluation results**
- **Next steps**
- **Discussion**

FFYs 2021-25 TIP Development Timeline

FFYs 2021-25 TIP Development Timeline



TIP Project Evaluation Process

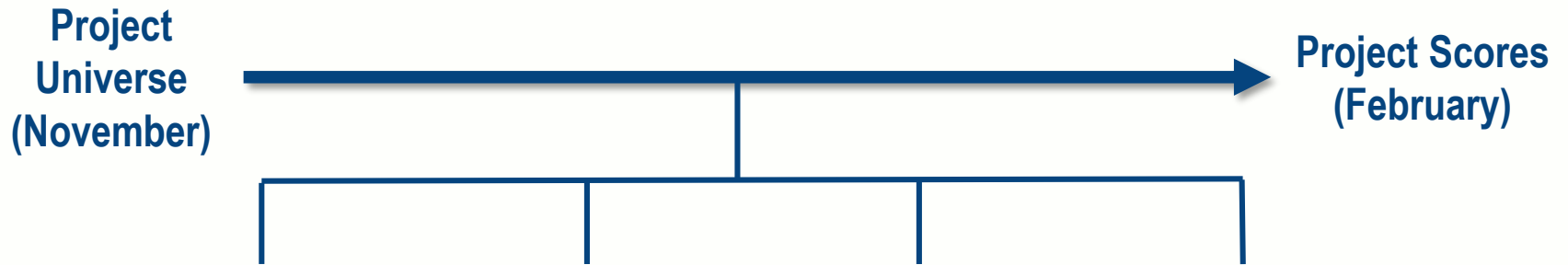
TIP Project Evaluation Process

Project
Universe
(November)

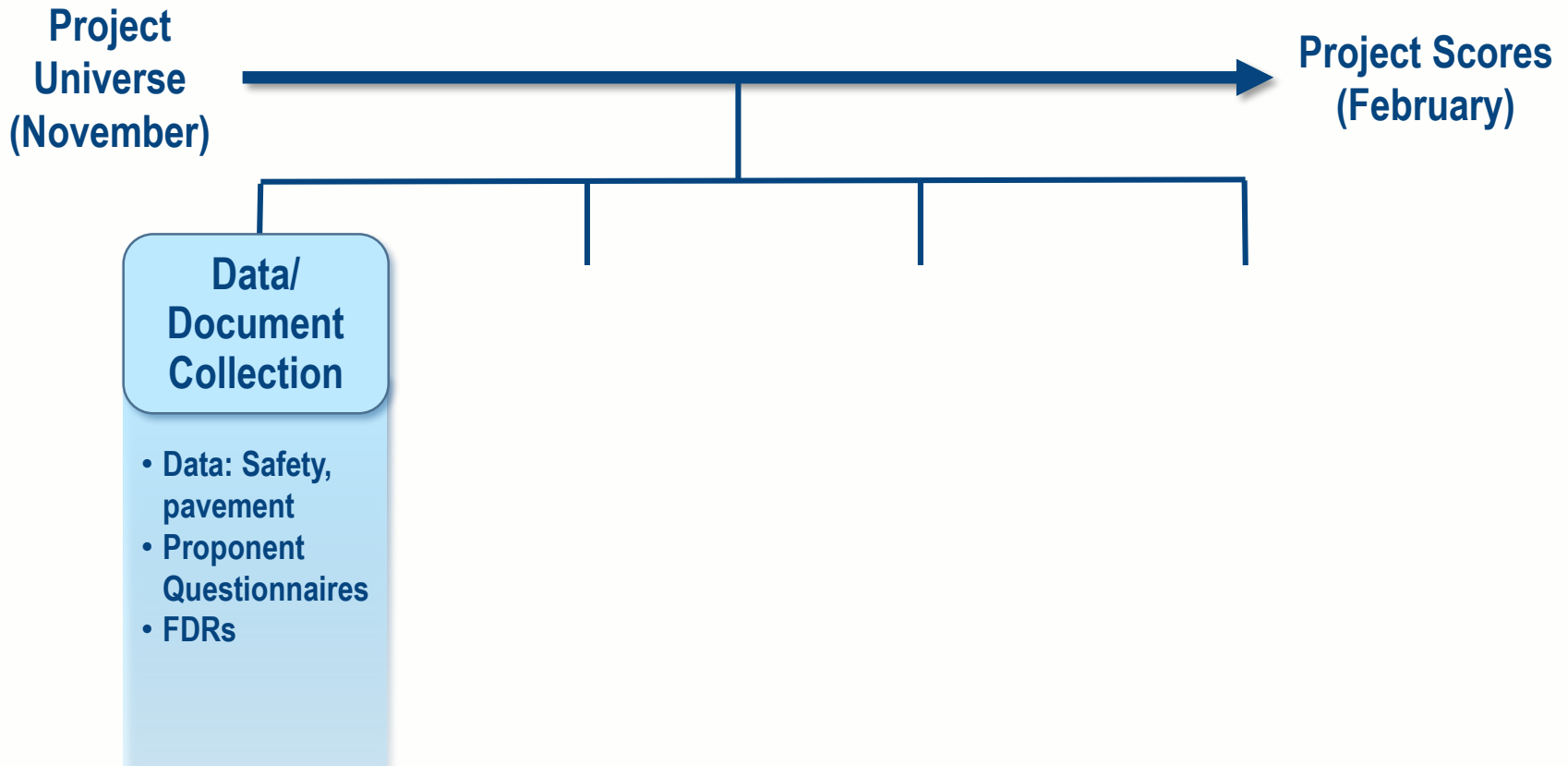


Project Scores
(February)

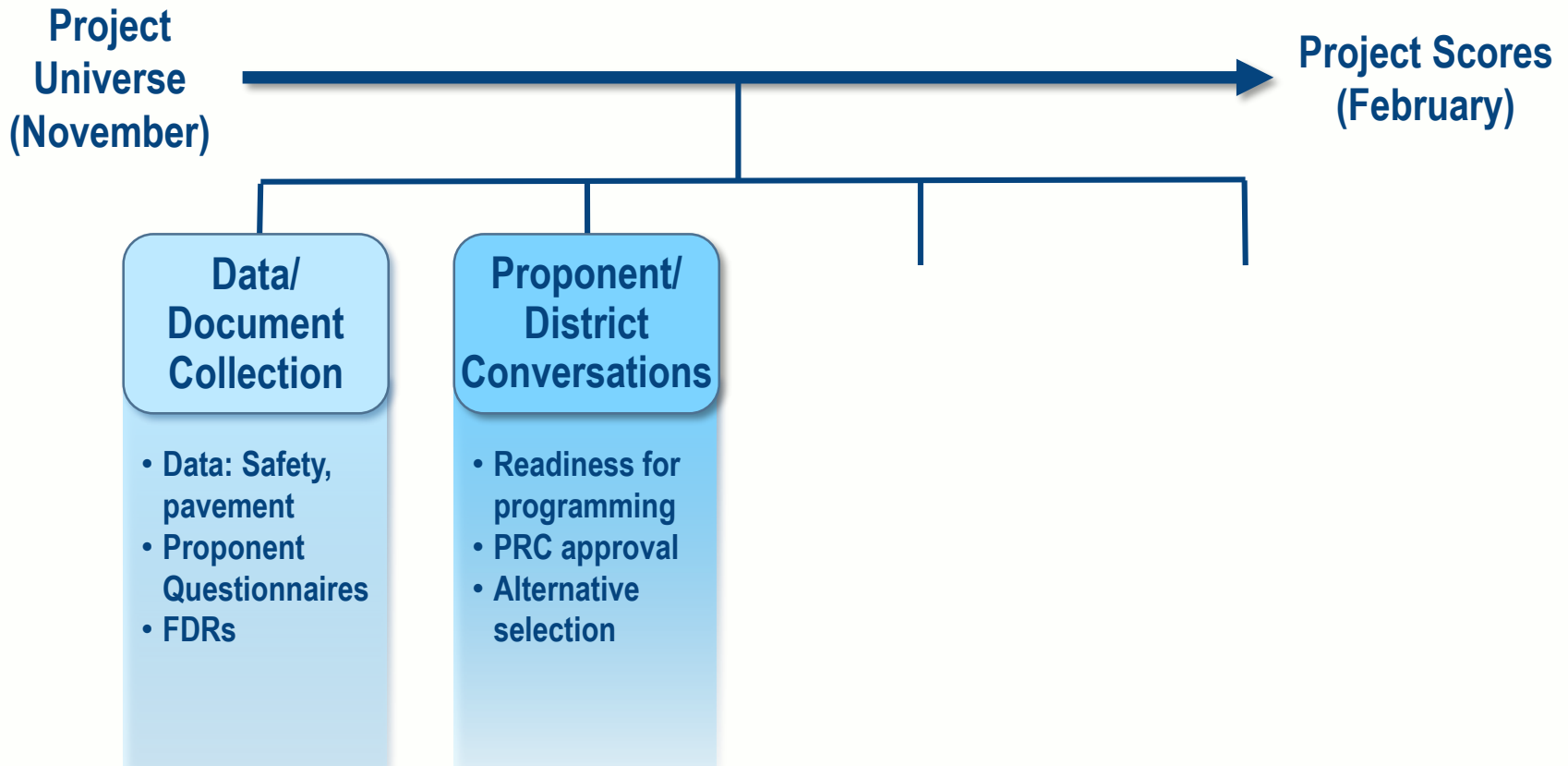
TIP Project Evaluation Process



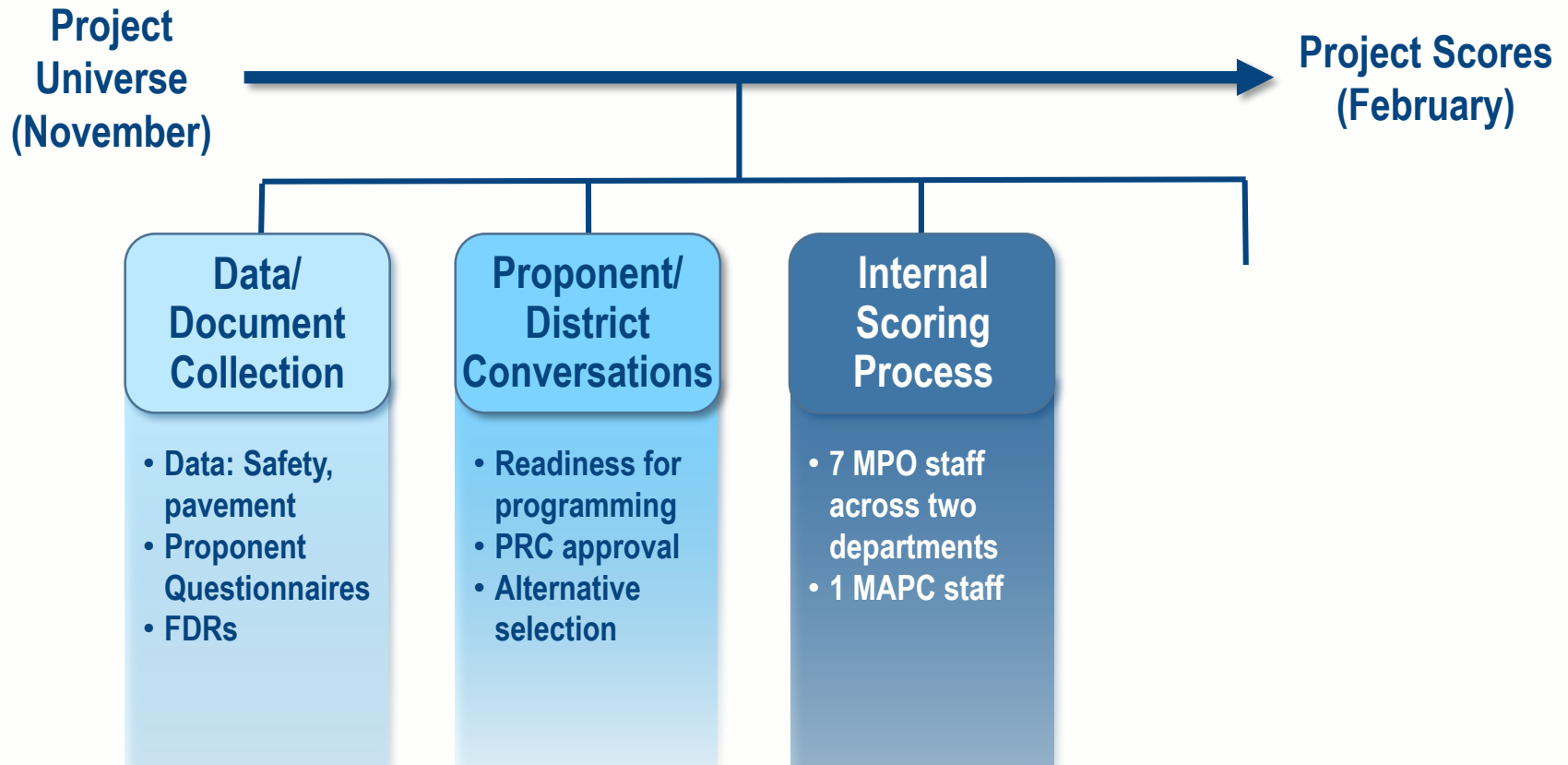
TIP Project Evaluation Process



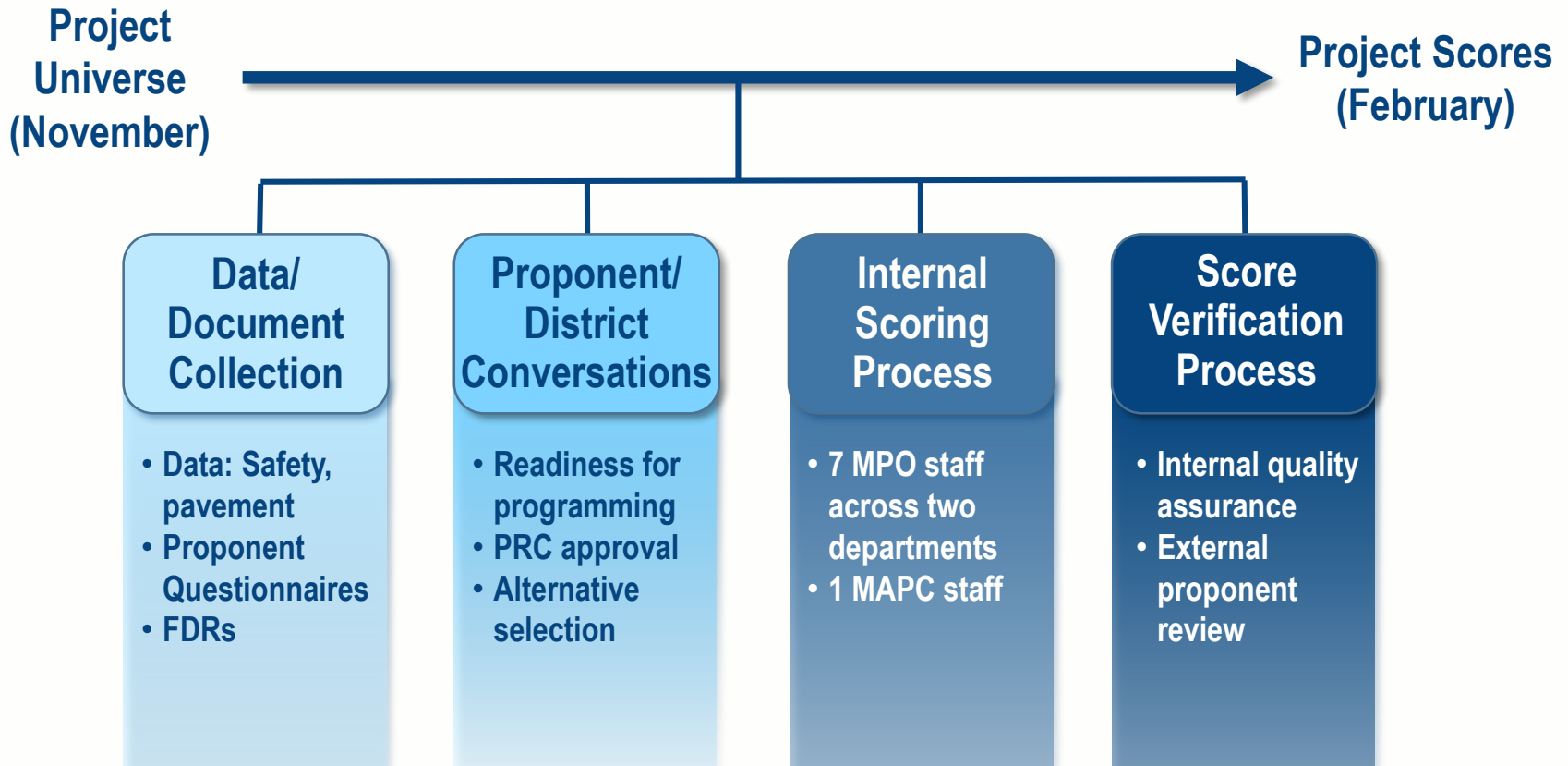
TIP Project Evaluation Process



TIP Project Evaluation Process



TIP Project Evaluation Process



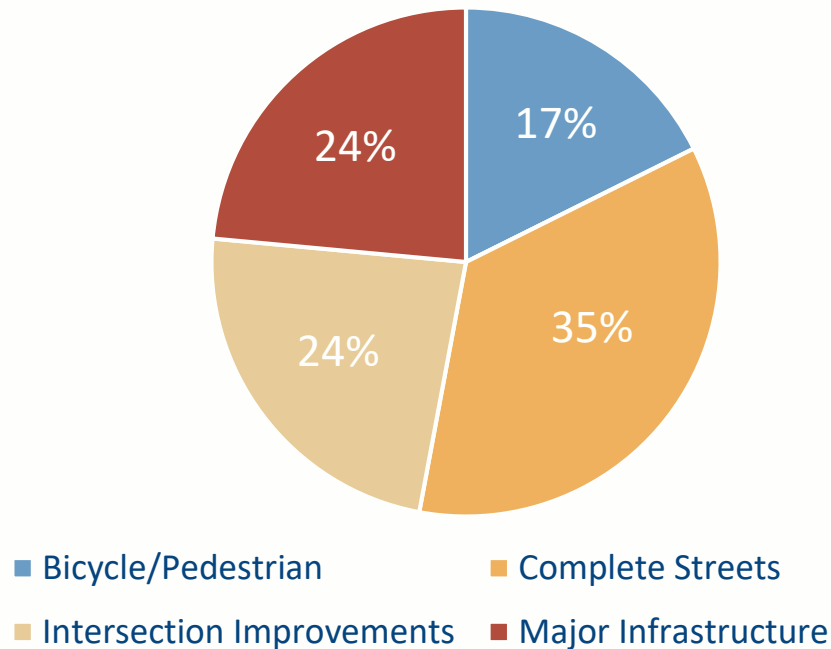
Summary of Evaluated Projects

Summary of Evaluated Projects

In total, 17 projects were evaluated in FFY 2020

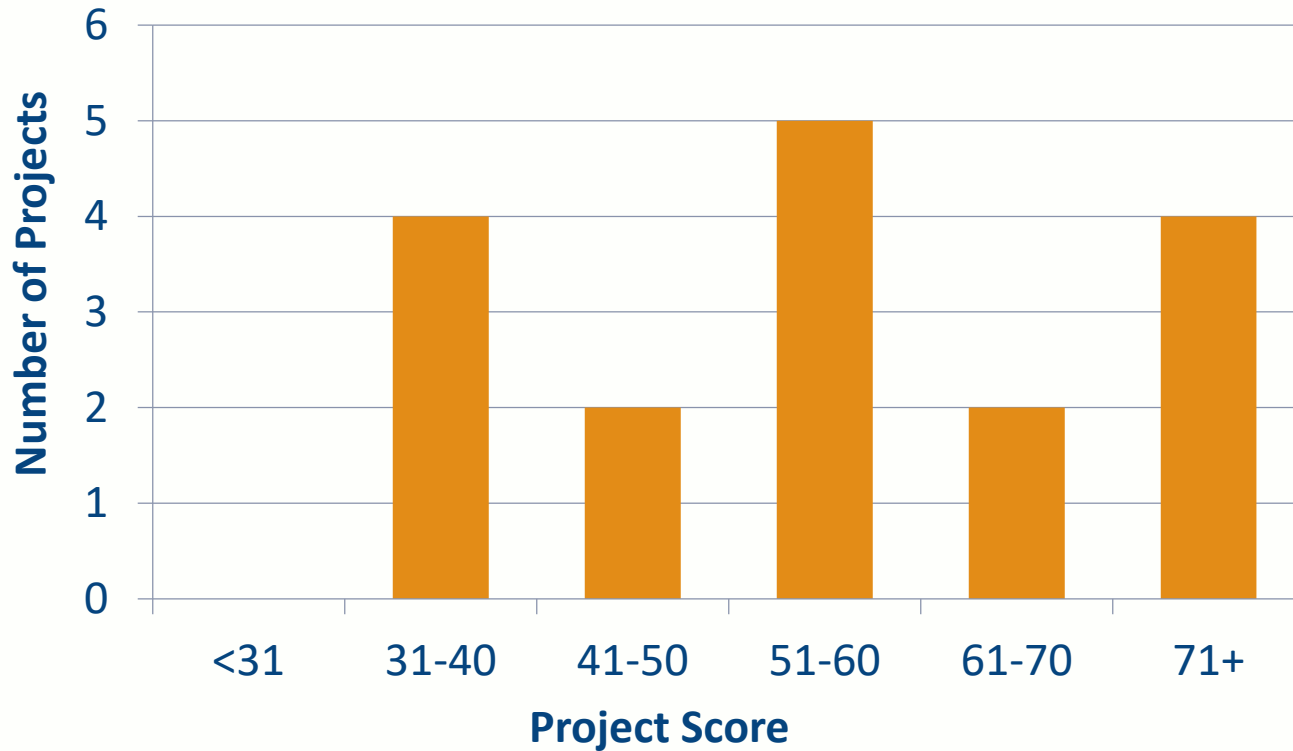
- 14 new projects, 3 returning projects

FFY 2020 Evaluated Projects



Summary of Evaluated Projects

FFY 2020 Score Distribution



Project Evaluation Results

Project Evaluation Results

	Safety	System Preservation / Modernization	Capacity Management / Mobility	Clean Air / Sustainable Communities	Transportation Equity	Economic Vitality	
Category	SAFE	SP&M	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 2020 are highlighted in green.

Bicycle Network and Pedestrian Connections

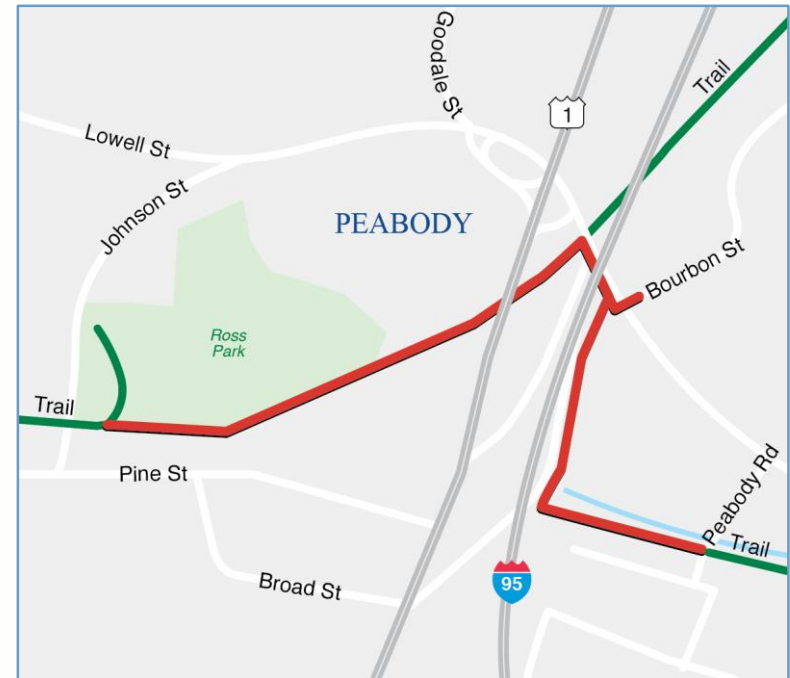
Peabody: Independence Greenway at I-95 and Route 1 (610544)

Proponent: Peabody

Cost: \$5,865,000

Description:

- Multi-use path connecting two existing sections of Independence Greenway and Border to Boston Trail
- Includes bridge over Route 1



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	15/30	13/29	11/29	4/16	4/12	6/18	53/134

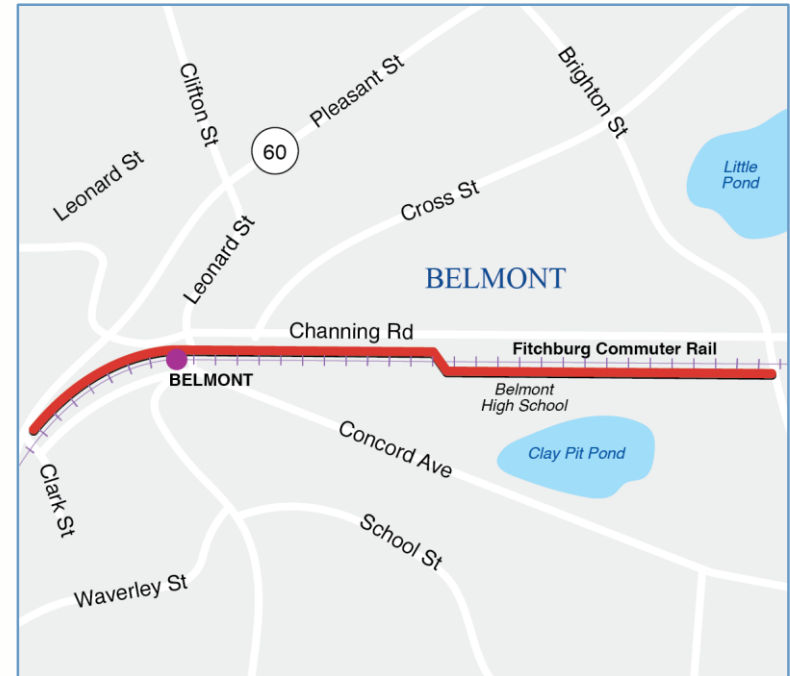
Belmont: Community Path, Belmont Component of the MCRT (Phase 1) (609204)

Proponent: Belmont

Cost: \$16,703,600

Description:

- Multi-use path connecting Fitchburg Cutoff to Belmont Center
- Phase 1 of connection to Mass Central Rail Trail



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	12/30	2/29	15/29	4/16	1/12	8/18	42/134

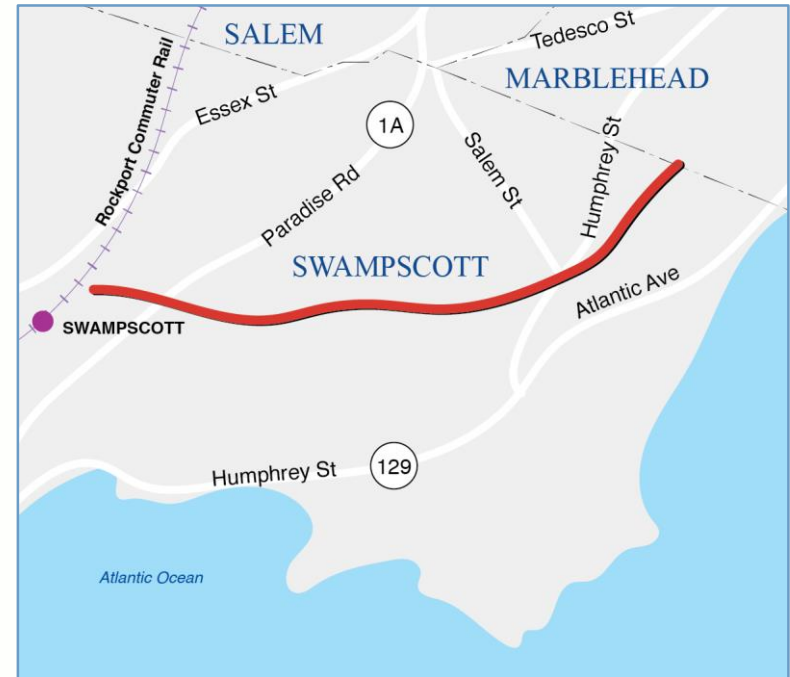
Swampscott: Rail Trail Construction (610666)

Proponent: Swampscott

Cost: \$7,700,000

Description:

- Multi-use trail connecting Marblehead Rail Trail to Swampscott Commuter Rail station
- Swampscott portion of East Coast Greenway



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	6/30	0/29	13/29	8/16	1/12	6/18	34/134



Marblehead
Rail Trail

Train Station

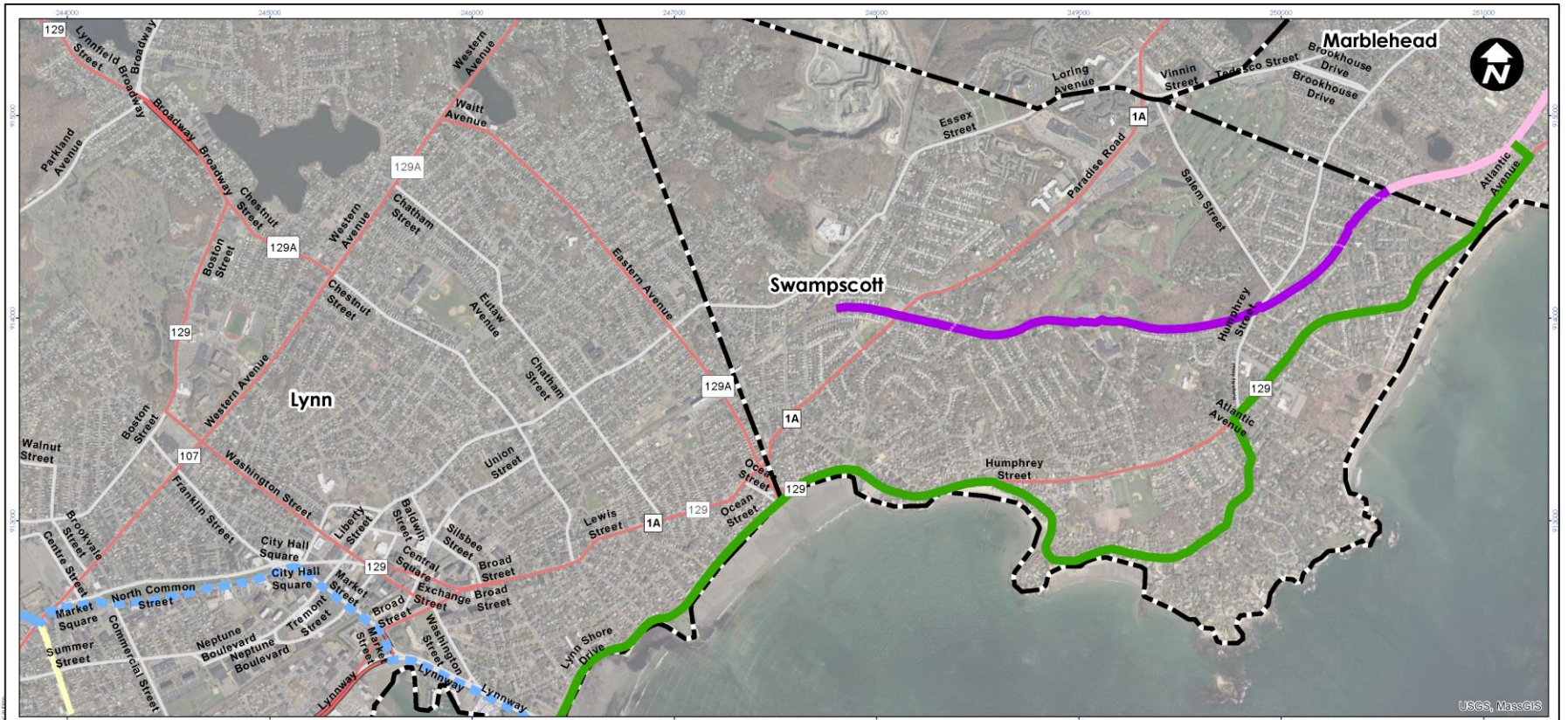
Parade
Road

Clarke School

Swampscott
Middle School

Stanley School

Humphrey
Street



- Legend**
- Swampscott Rail Trail
 - East Coast Greenway
 - Marblehead Rail Trail
 - The Northern Strand
 - - - Future On-Road Extension of the Northern Strand
 - Community Path of Lynn



Project Location
Swampscott, MA

Client/Project
Town of Swampscott
Locus Map
Swampscott Rail Trail

Figure No.
2

Regional Connections
February 26, 2020

Figure 2

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Complete Streets

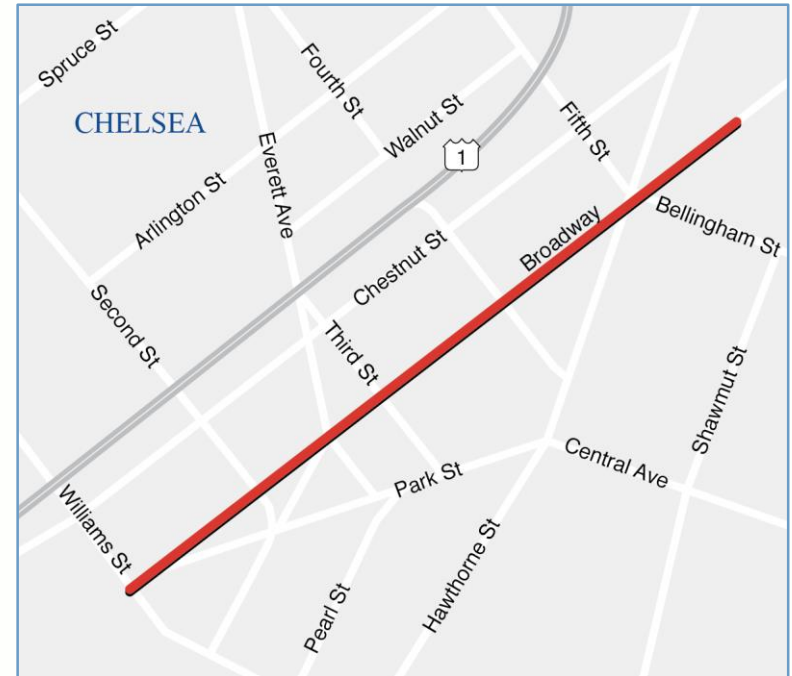
Chelsea: Targeted Safety Improvements and Related Work on Broadway (609532)

Proponent: MassDOT

Cost: \$5,750,000

Description:

- Reconstruction of roadway, including widening sidewalks, improving signals, and enhancing streetscaping
- Focus on addressing HSIP clusters



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	23/30	18/29	14/29	4/16	10/12	14/18	83/134

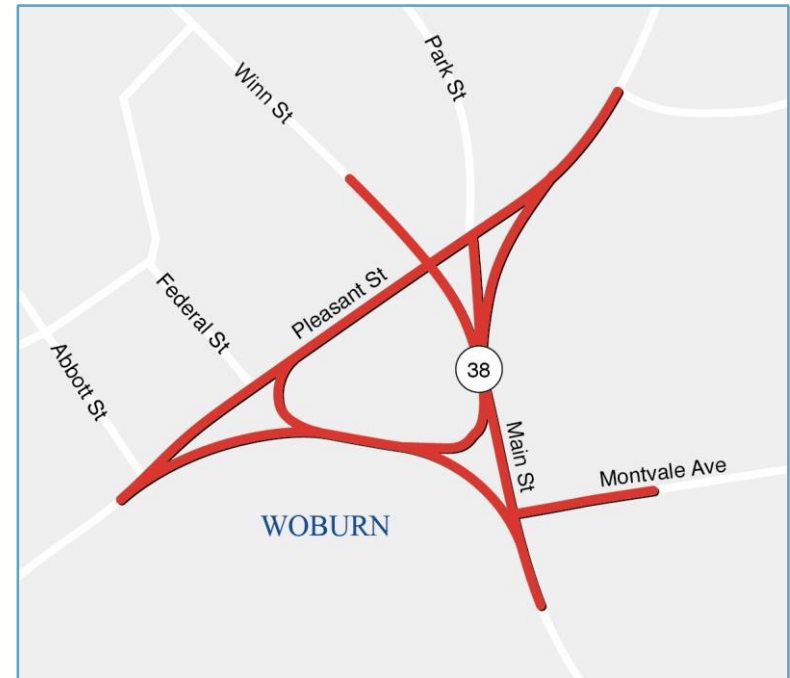
Woburn: Roadway and Intersection Improvements at Woburn Common (610662)

Proponent: Woburn

Cost: \$14,380,000

Description:

- Reconstruction of roadway to address safety and circulation issues around Woburn Common
- Addition of new bike lanes throughout project area



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	22/30	15/29	16/29	10/16	4/12	8/18	75/134

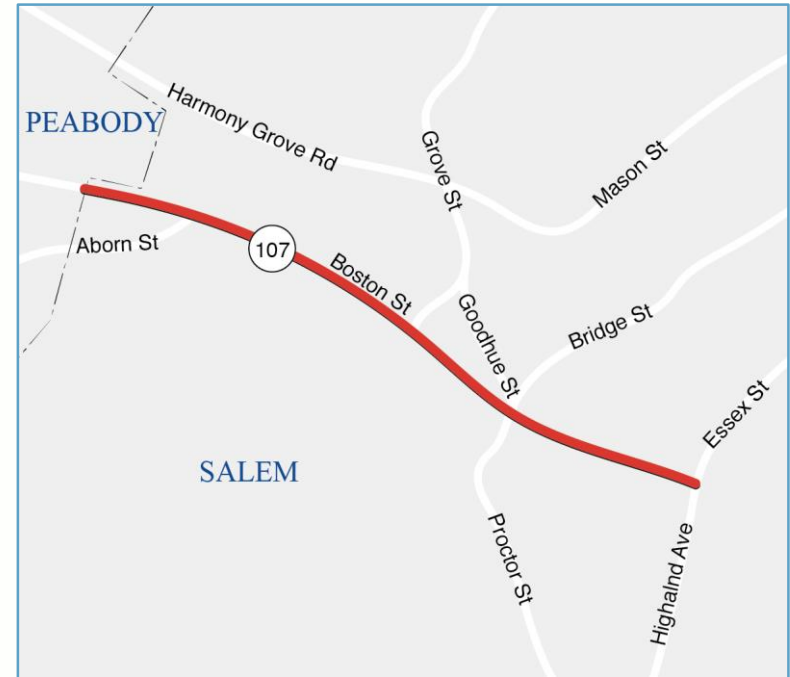
Salem: Boston Street Improvements (609437)

Proponent: Salem

Cost: \$12,480,000

Description:

- Reconstruction of roadway to include new bike facilities and rebuilt sidewalks and bus stops
- Improved safety and congestion through modernized signals



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	18/30	17/29	15/29	1/16	6/12	12/18	69/134

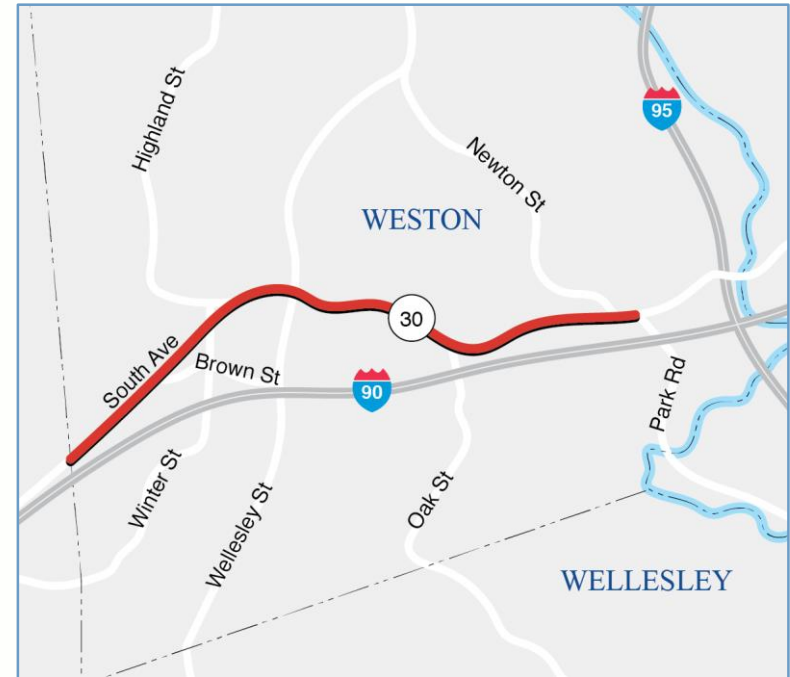
Weston: Reconstruction on Route 30 (609437)

Proponent: Weston

Cost: \$8,117,562

Description:

- Reconstruct the roadway and signals to improve safety and traffic flow
- Construct a 10-foot shared-use path to connect to future paths in Newton



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	16/30	13/29	17/29	10/16	1/12	0/18	57/134

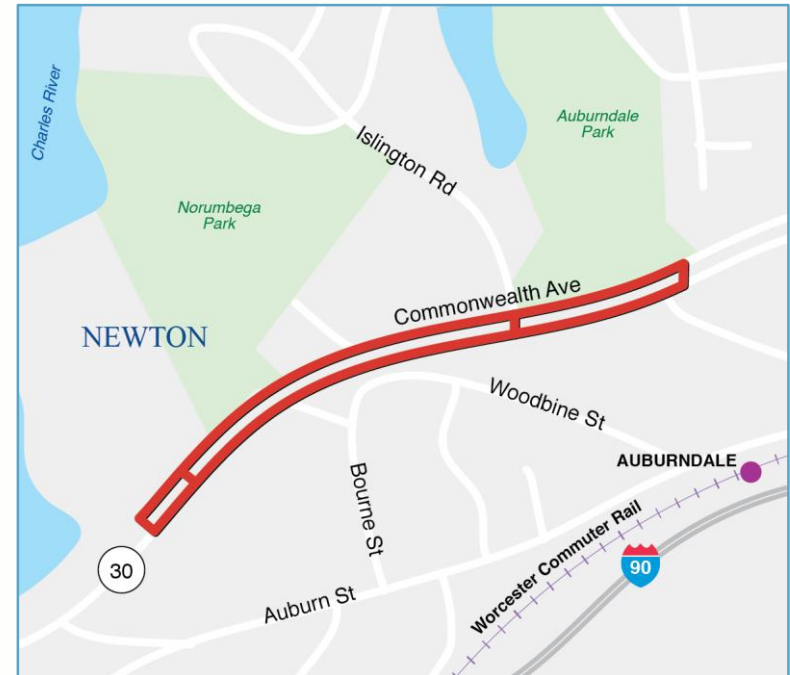
Newton: Reconstruction of Commonwealth Avenue (Route 30) (610544)

Proponent: Newton

Cost: \$5,098,755

Description:

- Repurpose existing Carriageway to create off-street pedestrian and bicycle facilities
- Part of broader vision for Route 30 corridor between Newton and Weston



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	7/30	16/29	13/29	6/16	1/12	8/18	51/134

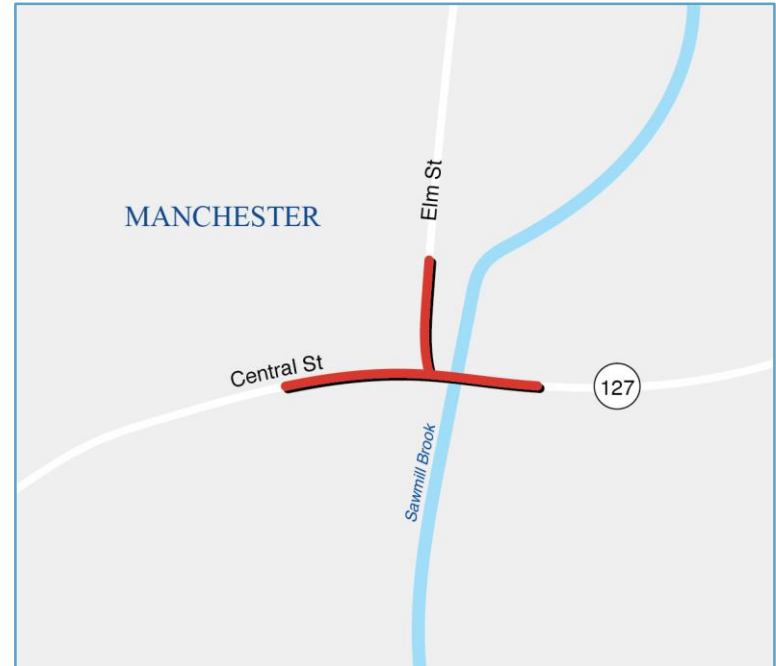
Manchester-by-the-Sea: Bridge Replacement, Central Street Over Saw Mill Brook (610671)

Proponent: Manchester-by-the-Sea

Cost: \$4,350,000

Description:

- Reconstruction of deteriorating bridge over Saw Mill Brook
- Includes enhanced sidewalks, crosswalks, and storm drainage upgrades



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	11/30	16/29	5/29	5/16	1/12	8/18	46/134

Intersection Improvements

Burlington, Woburn: Intersection Reconstruction at Route 3 and Bedford Road (608067)

Proponent: Burlington, Woburn

Cost: \$1,440,000

Description:

- Reconstruction of the intersection and signals to improve safety and traffic operations
- Addition of bike lanes and expansion of sidewalks



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	9/30	11/29	19/29	7/16	2/12	4/18	52/134

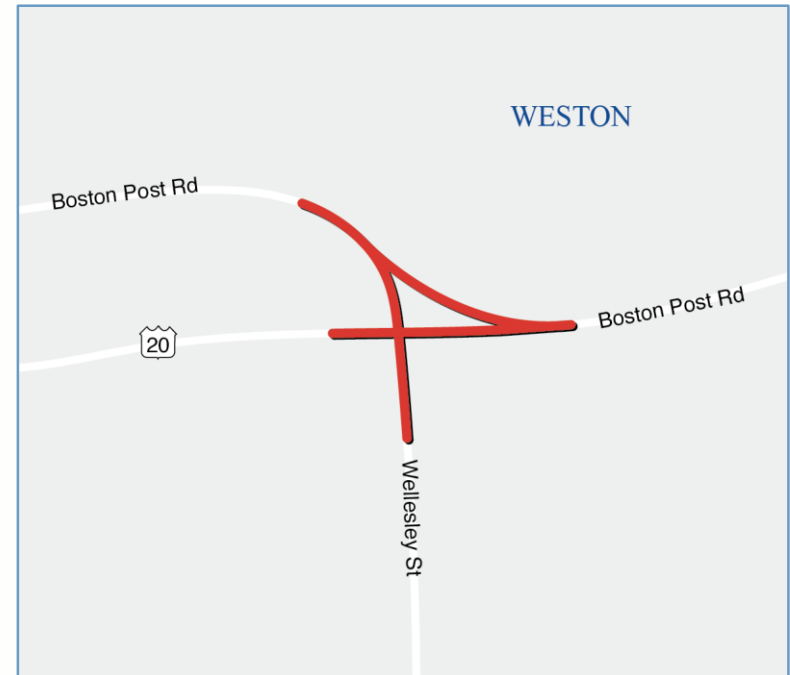
Weston: Intersection Improvements at Boston Post Road (Route 20) at Wellesley Street (608940)

Proponent: Weston

Cost: \$1,219,250

Description:

- Reconfiguration of the intersection to improve safety and reduce congestion
- Reconstruction of existing sidewalks and addition of bike lanes



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	17/30	5/29	11/29	5/16	1/12	1/18	40/134

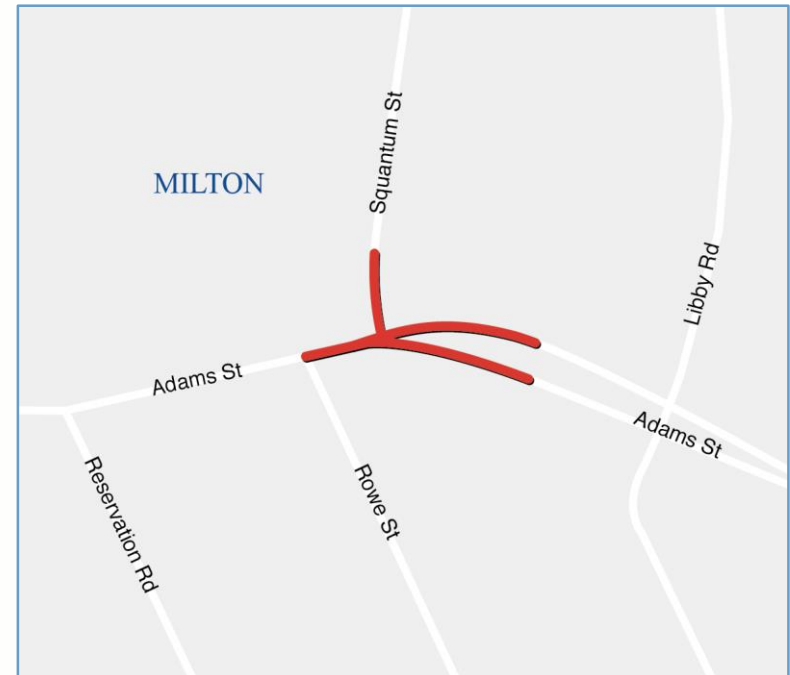
Milton: Intersection Improvements, Squantum Street at Adams Street (608955)

Proponent: Milton

Cost: \$979,762

Description:

- Signalization of the intersection to improve traffic flow and enhance safety for all users
- Reconstruction of existing sidewalks to ADA standards and addition of bike lanes



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	8/30	8/29	7/29	5/16	2/12	3/18	33/134

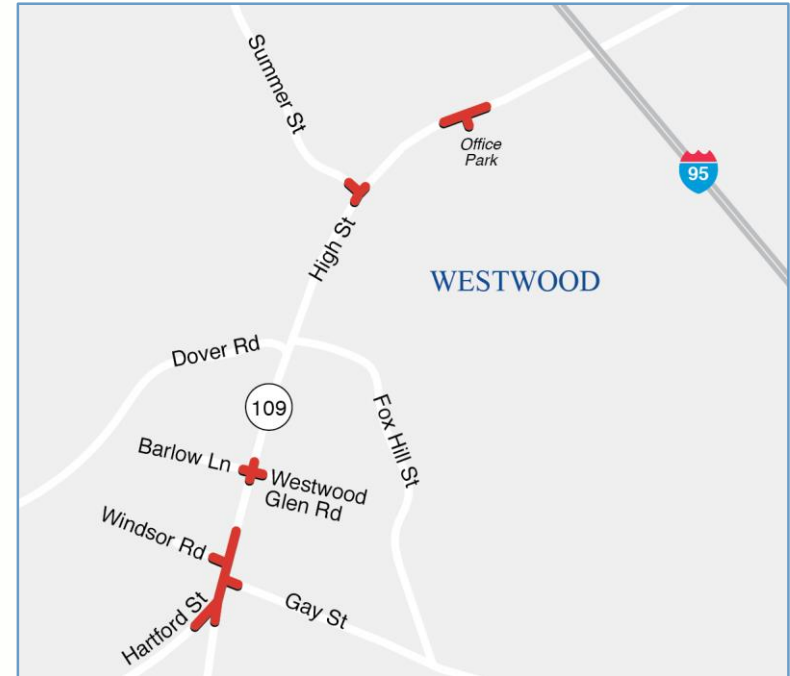
Westwood: Traffic Signal Improvements on Route 109 (608947)

Proponent: Westwood

Cost: \$929,280

Description:

- Replacement of existing signal equipment at six intersections to include Adaptive Signal Control Technology



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	10/30	7/29	6/29	4/16	1/12	3/18	31/134

Major Infrastructure

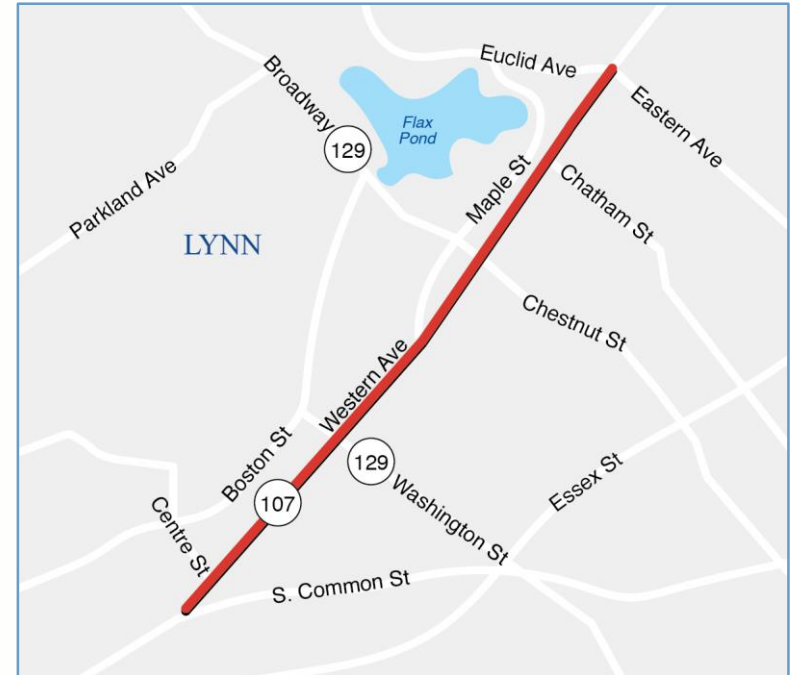
Lynn: Reconstruction of Western Avenue (Route 107) (609246)

Proponent: Lynn

Cost: \$36,205,000

Description:

- Redesign of roadway to improve safety and enhance accessibility for all users
- Reconstruction of sidewalks and bus stops and addition of new bike lanes



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	20/30	15/29	15/29	11/16	10/12	5/18	76/134

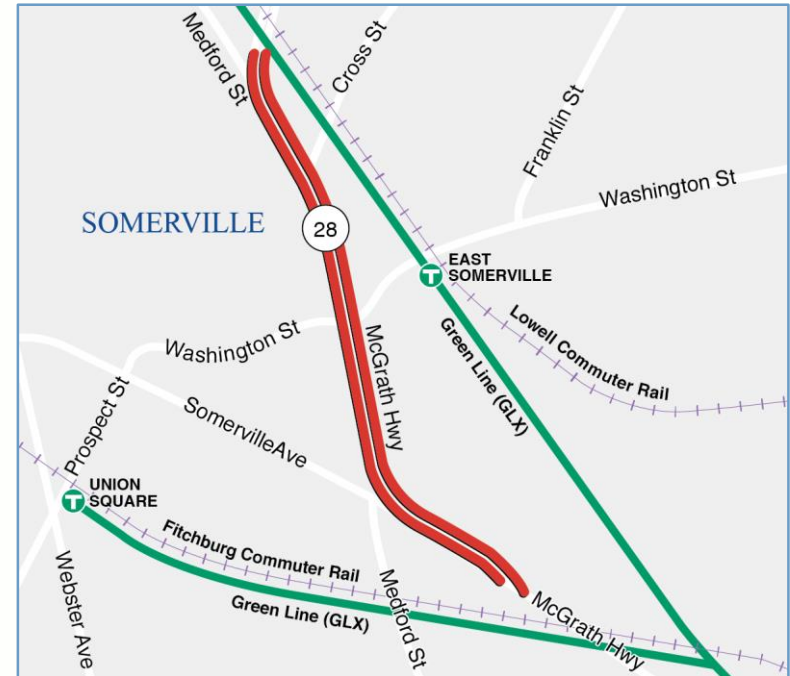
Somerville: McGrath Boulevard Project (607981)

Proponent: Somerville

Cost: \$88,250,000

Description:

- Reconstruction of McCarthy Viaduct at grade
- Addition of protected bicycle facilities and reconstruction of sidewalks to connect to Somerville Community Path



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	15/30	15/29	15/29	8/16	10/12	11/18	74/134

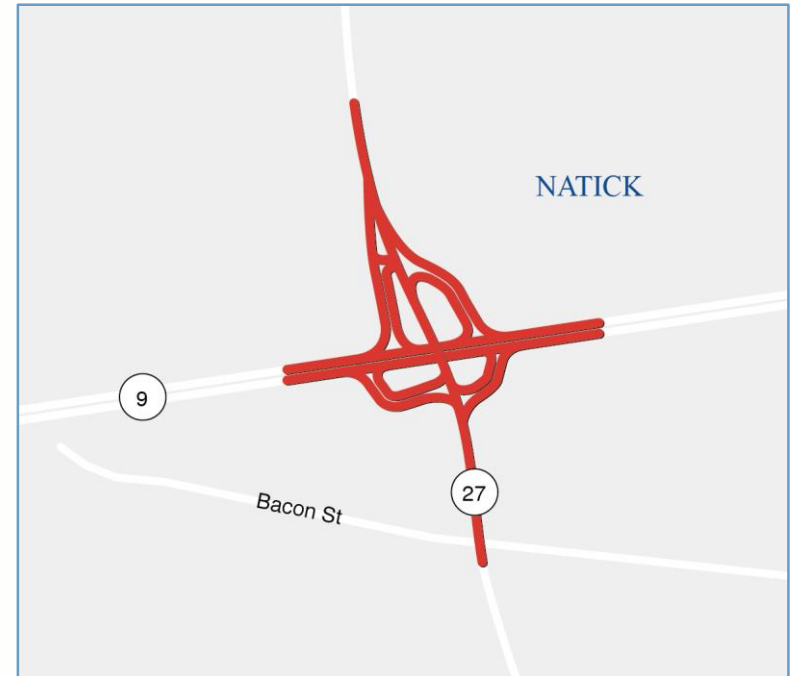
Natick: Bridge Replacement, Route 27 Over Route 9 and Interchange Improvements (605313)

Proponent: MassDOT

Cost: \$25,897,370

Description:

- Complete reconfiguration of existing interchange into a modified diverging diamond
- Addition of dedicated bicycle and pedestrian bridge and paths



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	17/30	13/29	20/29	9/16	1/12	6/18	66/134

Interchange Improvements at Route 27 (North Main St) over Route 9 (Worcester St)

Concept Two- Modified Diverging Diamond



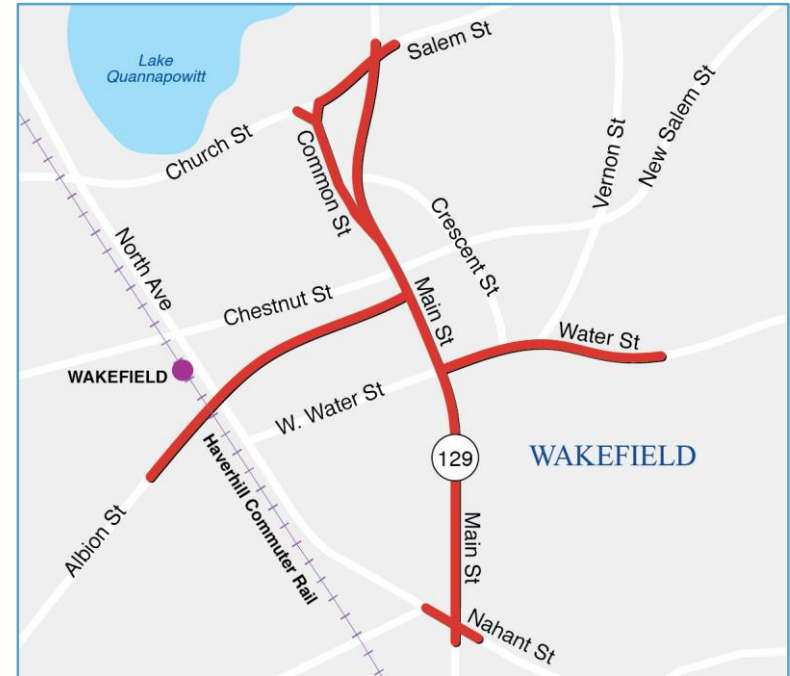
Wakefield: Main Street Reconstruction (610545)

Proponent: Wakefield

Cost: \$26,382,000

Description:

- Narrowing of Main Street corridor to include shared-use path
- Shortening of crossings and reconstruction of signals to improve safety



Category	SAFE	SP&M	CM&M	CA&SC	EQUITY	ECON	TOTAL
Score	22/30	11/29	12/29	1/16	1/12	12/18	59/134

Community Connections Project Evaluations

Pilot Round



Image: APTA



Summary

Scores

	FFY 2021				FFY 2022			
Project	Newton Microtransit	Davis Sq. Signals	Concord Ave. Signal Priority	BFRT Bike Shelters	Sharon Carpool Marketing	Blue Bikes Expansion	Canton Shuttles	Alewife Wayfinding
Score	53	24	22	20	14	52	51	24

Programming Recommendation

FFY 2021	FFY 2022	FFY 2023
\$742,000	\$1,084,457	\$300,252

Other Applications

Not Eligible for Funding

- **Cohasset Route 3A Sidewalks**

\$625,000/year in
FFYs 2021–24

- **Lexpress Service Improvements**

\$192,979 in
FFYs 2021–23

Funded through Other Means

- **Watertown TMA Pleasant Street Shuttle**

\$244,280/year in
FFYs 2021–23

Newton Microtransit

- **Proponent:** City of Newton
- **Type:** Operating (transit)
- **Funds requested:**
\$300,000 in FFY 2021
\$275,000 in FFY 2022
\$152,000 in FFY 2023
- **Description:** Citywide roll-out of a microtransit service
- **Score:** **53**



Image: Newton Mayor's Office

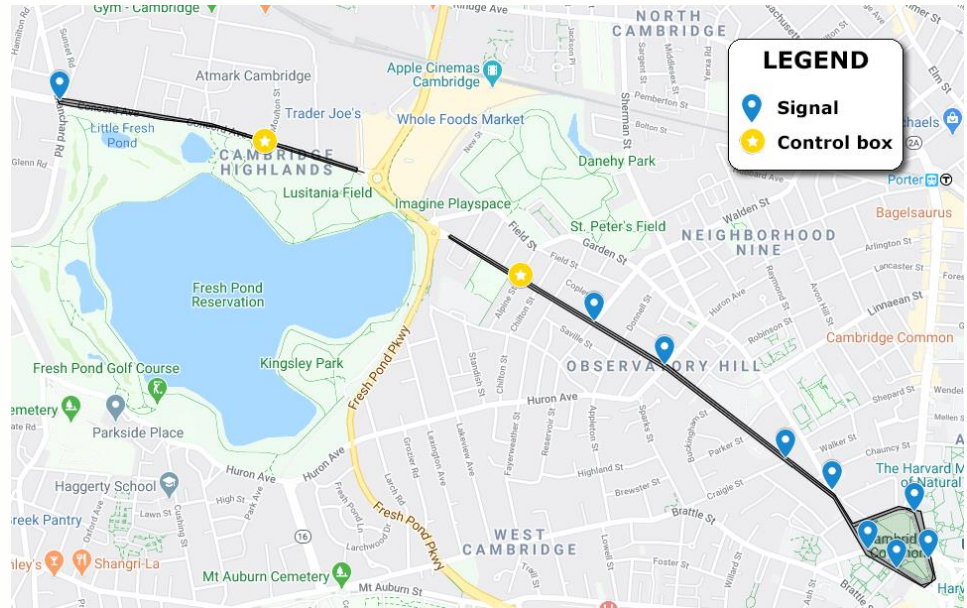
Davis Square Signal Improvements

- **Proponent:** City of Somerville
- **Type:** Capital (transit)
- **Funds requested:** \$140,000
- **Description:** Improvements to signals at Davis Square busway and throughout the square
- **Score:** 24



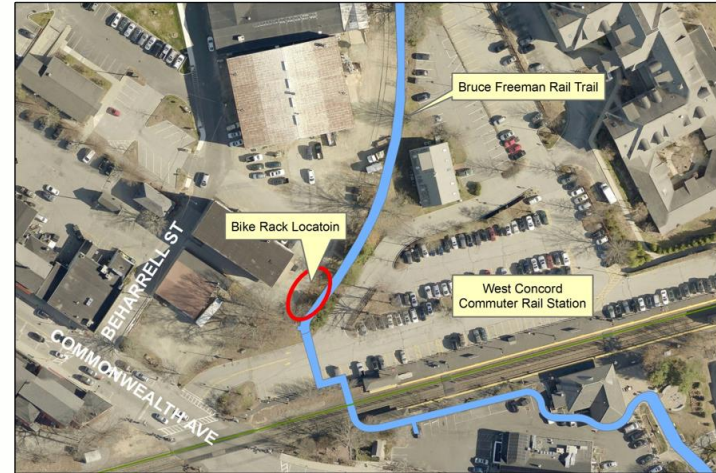
Concord Avenue Transit Signal Priority

- **Proponent:** City of Cambridge
- **Type:** Capital (transit)
- **Funds requested:** \$160,000
- **Description:** Addition of TSP equipment along the Concord Avenue corridor (MBTA bus routes 72, 74, 75, and 78)
- **Score:** **22**



Bruce Freeman Rail Trail Bike Shelters

- **Proponent:** Town of Concord
- **Type:** Capital
- **Funds requested:** \$100,000
- **Description:** Construction of several protected bike racks near West Concord commuter rail station
- **Score:** 20



Sharon Carpool Marketing

- **Proponent:** Town of Sharon
- **Type:** Marketing
- **Funds requested:** \$42,000
- **Description:** Partnership with a carpool marketing firm to promote shared rides to Sharon's commuter rail station
- **Score:** 14



Image: user Pi.1415926535 on Wikipedia, shared under Creative Commons 3.0.

Blue Bikes Expansion Phase 2

- **Proponent:** City of Chelsea, on behalf of the Towns of Arlington and Watertown and City of Newton
- **Type:** Operating (bikeshare)
- **Funds requested:** \$340,000*
- **Description:** Expansion of Blue Bikes network further into these towns
- **Score:** **52**

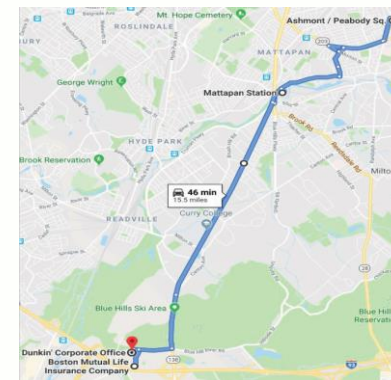
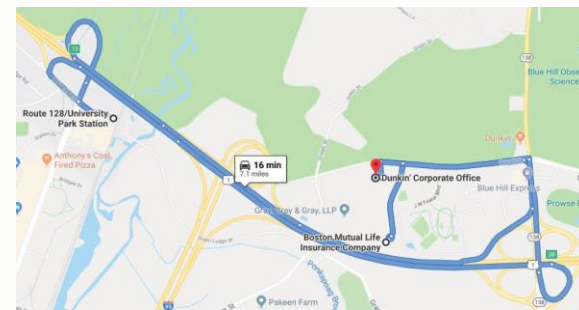
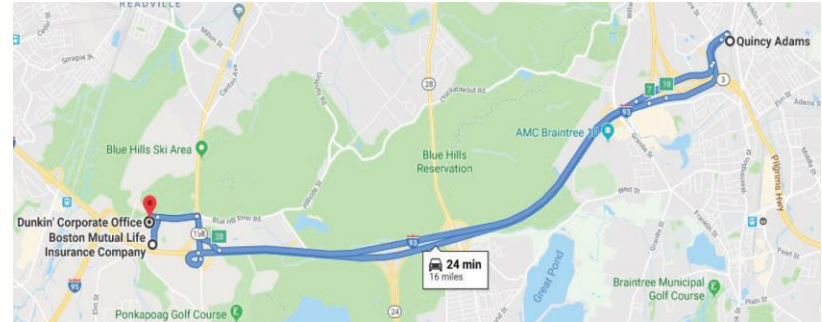
**Proponent has requested that the funds be programmed in FFY 2022*



Image: City of Cambridge

Canton Royall Street Shuttles

- **Proponent:** Town of Canton, Neponset Valley TMA
- **Type:** Operating (transit)
- **Funds requested:** \$177,177 in FFY 2022, \$148,252 in FFY 2023
- **Description:** Shuttles connecting an office park to MBTA rapid transit and commuter rail
- **Score:** 51



Alewife Wayfinding

- **Proponent:** 128 Business Council
- **Type:** Capital (signage/transit)
- **Funds requested:** \$292,280 in FFY 2022*
- **Description:** GPS systems for buses, signage (including electronic signs), marketing program, and bus shelters
- **Score:** 24

**Proponent has asked the MPO to program funding in a future year.*



Image: 128 Business Council (@UnLockTheGrid) on Twitter.

Next Steps

Next Steps

- **March 5:** Review project readiness and funding updates
- **March 19:** Discuss programming scenarios
- **March 26:** Finalize programming scenarios
- **Late April:** Release draft TIP for public review
- **Late May:** Endorse final TIP

Discussion