



FFYs 2020-24 Draft TIP Programming Summary

April 10, 2019

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Presentation Outline

- **Remaining TIP Cycle Timeline**
- **Overview of FFY 2020-24 Programming**
- **Programming Process**
- **Funded Projects**
 - **Regional Target Projects**
 - **MassDOT Projects**
- **Unfunded Projects**
- **Key Takeaways**
- **Questions**

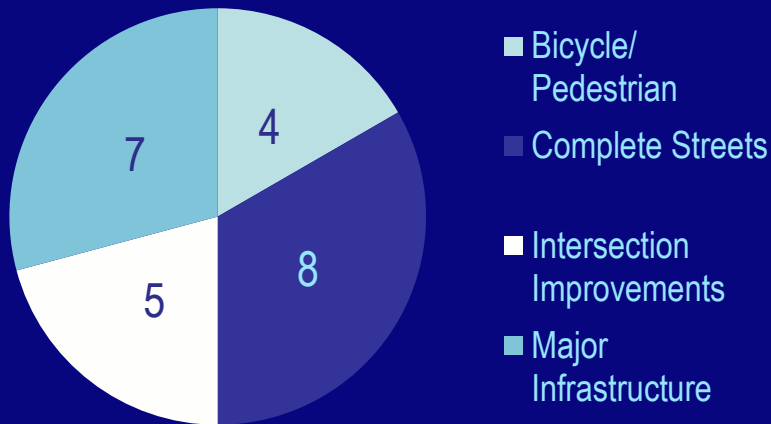
FFYs 2020-2024 TIP Development Timeline

| | |
|--|----------------------------------|
| Deadline: Identify New TIP Contacts | October 19, 2018 |
| Outreach and Initial Universe of Projects | October 22 and 24, 2018 |
| Key MPO Meeting: TIP and LRTP Draft Universe | November 15, 2018 |
| Deadline: Municipalities Confirm Projects in Universe | November 22, 2018 |
| Deadline: Submit Information for Project Evaluations | December 3, 2018 |
| MassDOT Quarterly PRC Meeting | December 6, 2018 |
| Complete Initial Project Evaluations | January 2019 |
| Key MPO Meeting: Initial Evaluation Results | February 7, 2019 |
| Deadline: Submit Feedback on Project Evaluations | February 15, 2019 |
| Post Revised Evaluation Scores and First-Tier List | February 18, 2019 |
| Key MPO Meeting: First-Tier List | February 21, 2019 |
| → Key MPO Meetings: Staff Recommendation | March 7, 21, and 28, 2019 |
| Key MPO Meeting: Release Draft TIP for Public Review | April 25, 2019 |
| Key MPO Meeting: Endorse Final TIP | May 30, 2019 |

TIP Programming Overview: MPO-Evaluated Projects

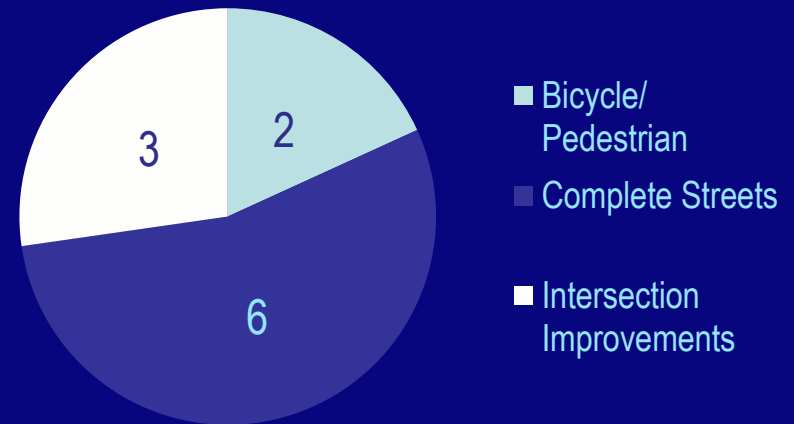
- In total, 24 projects were evaluated in FFY19
 - 11 projects proposed for funding with Regional Target funds
 - 3 proposed for funding with MassDOT funds

FFY 2019 Projects Evaluated



N=24 projects evaluated

FFY 2019 Projects Funded



N=11 Regional Target projects

TIP Programming Overview: Additional Notes

- **New/additional funding allocated to two programs:**
 - **Community Transportation Program (\$2,000,000 in both FFYs 2022 and 2024)**
 - **MBTA Modernization Program (\$22,116,687 in FFY 2021) OR additional highway project**
- **Specific projects for these programs will be determined at a later date**

TIP Programming Overview: Additional Notes

- **Four projects moved into later programming years:**
 - Intersection Improvements in Beverly (2019 to 2020)
 - Rutherford Avenue in Boston (2020 to 2022)
 - Lynnfield Street in Lynn (2020 to 2021)
 - Atlantic Avenue in Hull (2021 to 2022)
- **Three projects moved into earlier programming years:**
 - South Main Street in Bellingham (2023 to 2022)
 - Route 2A in Littleton/Ayer (2023 to 2021)
 - Route 28/Hopkins Street in Reading (2023 to 2021)
- **Two new projects programmed early**
 - Route 38 in Wilmington (2023)
 - Edgell Road/Central Street in Framingham (2022)

TIP Programming Overview: Funding Distribution (FFYs 2020-24)

| L RTP Investment Category | Amount Proposed | Percent Target Funding FFYs 2020–24 | Number of Projects | Average Funding/ Project |
|---------------------------|----------------------|---|-----------------------|--------------------------------|
| Complete Streets | \$229,652,049 | 43.1% | 26 | \$8,832,771 |
| Major Infrastructure | \$144,573,875 | 27.1% | 3 | \$48,191,292 |
| Flex to Transit | \$71,246,887 | 13.4% | N/A | N/A |
| Intersection Improvements | \$58,867,483 | 11.0% | 11 | \$5,351,589 |
| Bicycle/Pedestrian | \$20,825,554 | 3.9% | 4 | \$5,206,389 |
| Community Transportation | \$8,000,000 | 1.5% | N/A | N/A |
| TOTAL | \$533,165,848 | 100.0% | 44 | N/A |

TIP Programming Overview: Funding Distribution (FFY 2024 Only)

| L RTP Investment Category | Amount Proposed | Percent Target Funding FFY 2024 | Number of Projects | Average Funding/ Project |
|---------------------------|----------------------|------------------------------------|--------------------|-----------------------------|
| Major Infrastructure | \$53,860,492 | 48.8% | 1 | \$53,860,492 |
| Complete Streets | \$46,231,275 | 41.9% | 5 | \$9,246,255 |
| Intersection Improvements | \$5,092,400 | 4.6% | 2 | \$2,546,200 |
| Bicycle/Pedestrian | \$3,256,471 | 2.9% | 2 | \$1,628,236 |
| Community Transportation | \$2,000,000 | 1.8% | N/A | N/A |
| Flex to Transit | \$0 | 0% | 0 | \$0 |
| TOTAL | \$110,440,638 | 100.0% | 10 | N/A |

TIP Programming Overview: Decision Logic

- **Goals for Programming:**
 - Keep projects on original schedules
 - Accommodate cost changes
 - Program as many new projects as possible
 - Ready
 - Demonstrated priorities
 - Scored highly
- **Drivers of Change:**
 - Project readiness issues
 - Cost increases

FFYs 2020-2024 TIP Evaluation Criteria



| 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.

New MPO-Evaluated Projects Funded Using Regional Target Funds



Peabody: Independence Greenway Extension (609211)

Proponent: Peabody

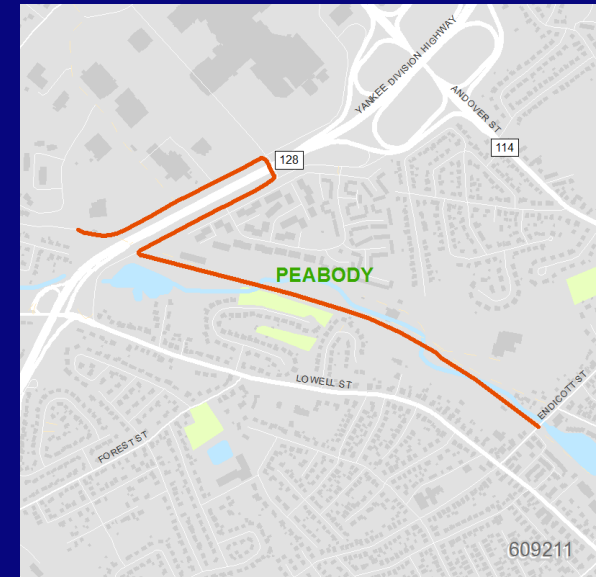
Evaluation Status: New Project

Funding: \$2,228,447 (FFY 2024)

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 | 9/30 | 4/29 | 9/29 | 4/16 | 4/12 | 4/18 | 34/134 |

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

Proponent: MassDOT

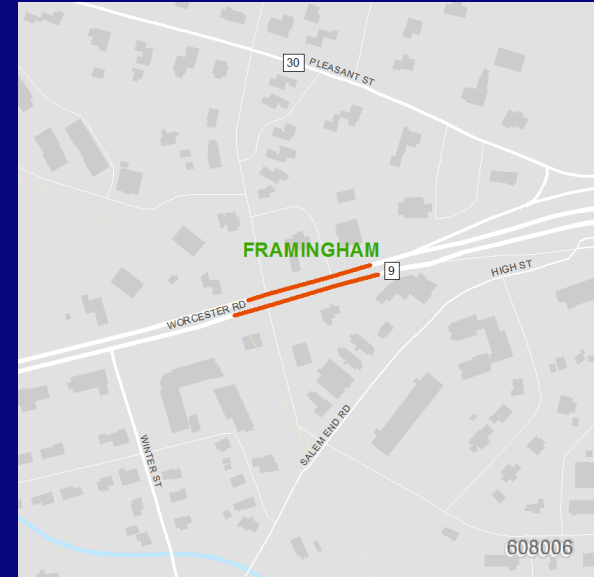
Evaluation Status: Returning Project

Funding: \$1,028,024 (FFY 2024)

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 |

Lynn: Rehabilitation of Essex Street (609252)

Proponent: Lynn

Evaluation Status: New Project

Funding: \$19,664,320 (FFY 2024)

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 | 17/29 | 9/29 | 8/16 | 10/12 | 3/18 | 66/134 |

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

Proponent: Wilmington

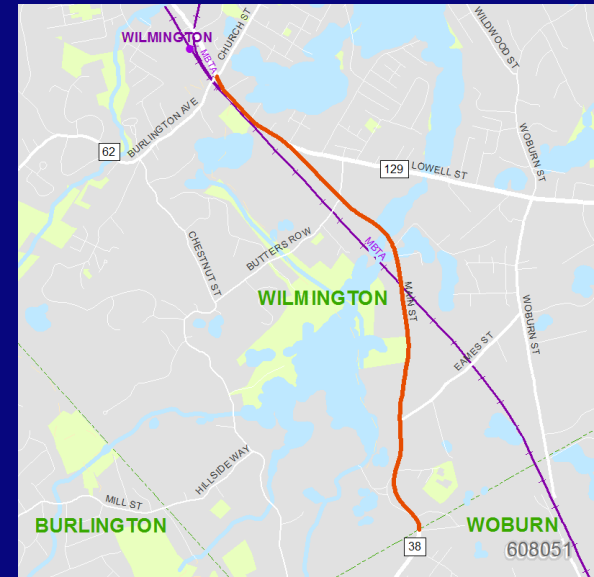
Evaluation Status: New Project

Funding: \$12,098,594 (FFY 2023)

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 | 13/29 | 10/16 | 1/12 | 8/18 | 59/134 |

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

Proponent: Hingham

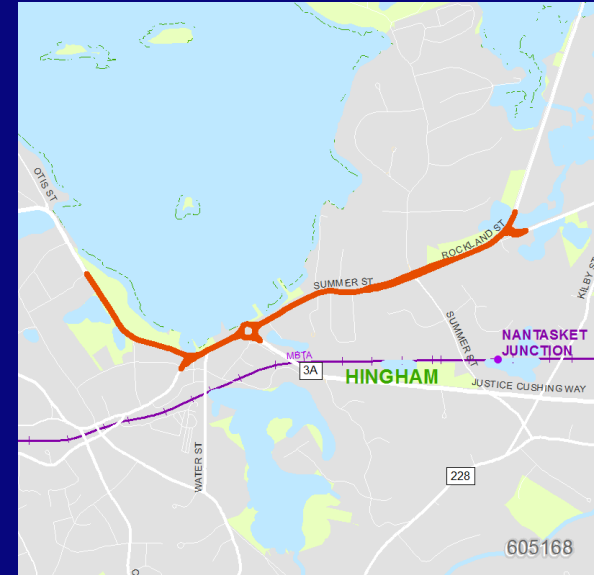
Evaluation Status: Returning Project

Funding: \$8,700,001 (FFY 2024)

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 |

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

Proponent: Everett

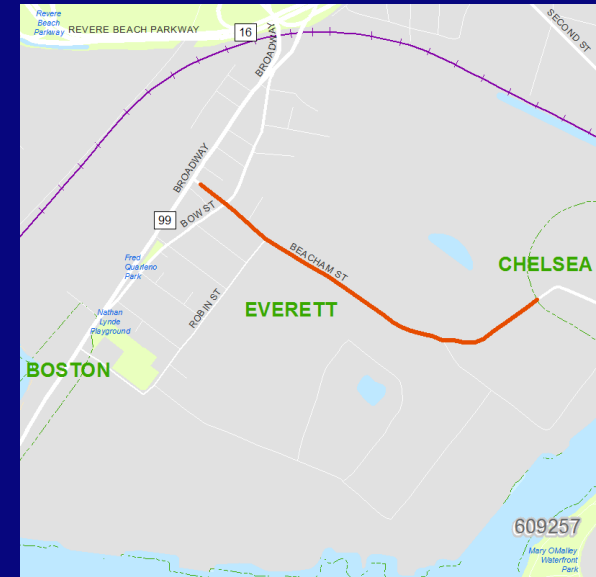
Evaluation Status: New Project

Funding: \$10,648,800 (FFY 2024)

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 |

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

Proponent: MassDOT

Evaluation Status: Returning Project

Funding: \$3,132,000 (FFY 2024)

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 |

Littleton: Reconstruction of Foster Street (609054)

Proponent: Littleton

Evaluation Status: New Project

Funding: \$4,086,153 (FFY 2024)

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 | 6/18 | 38/134 |

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

Proponent: Wilmington

Evaluation Status: New Project

Funding: \$3,944,000 (FFY 2024)

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 | 13/30 | 12/29 | 16/29 | 9/16 | 1/12 | 2/18 | 53/134 |

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

Proponent: Framingham

Evaluation Status: New Project

Funding: \$1,814,400 (FFY 2022)

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 | 9/30 | 10/29 | 7/29 | 9/16 | 2/12 | 4/18 | 41/134 |

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

Proponent: Ashland

Evaluation Status: New Project

Funding: \$1,148,400 (FFY 2024)

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 |

New MPO-Evaluated Projects Funded Using MassDOT Funds



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

Proponent: MA Dept. of Conservation & Recreation

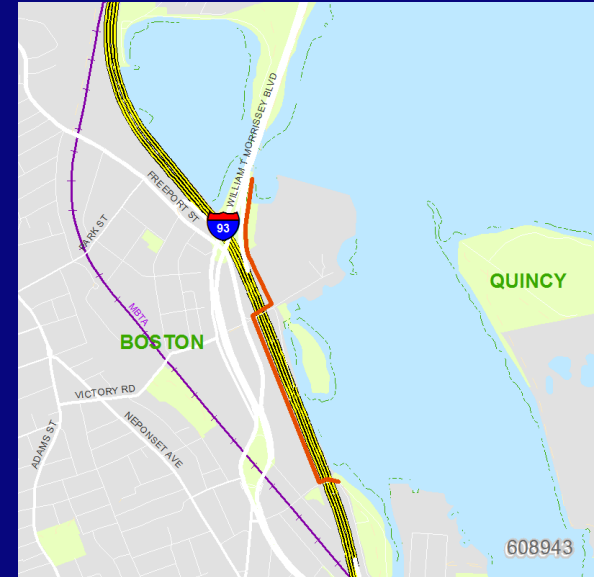
Evaluation Status: New Project

Funding: \$6,067,404 (FFY 2023)

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 |

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

Proponent: MassDOT

Evaluation Status: New Project

Funding: \$2,767,958 (FFY 2021)

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

Proponent: Lynn

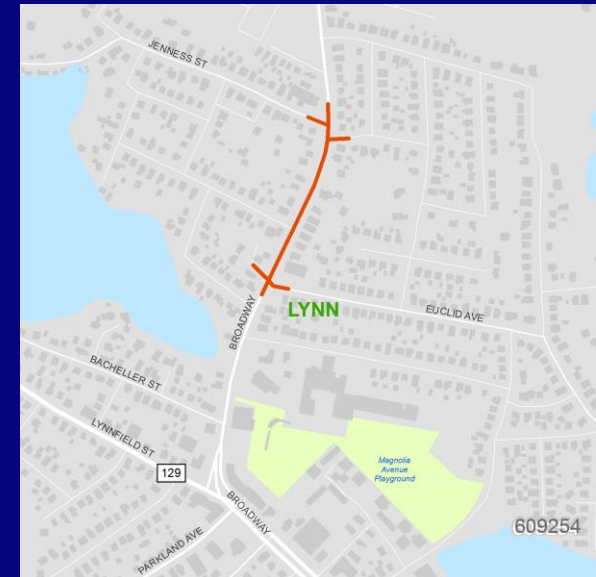
Evaluation Status: New Project

Funding: \$6,809,548 (FFY 2024)

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 | 13/29 | 7/29 | 2/16 | 1/12 | 3/18 | 39/134 |

TIP Programming: Unfunded Projects

- **Primary reasons for not funding projects:**
 - Projects are not currently municipal/state priorities (readiness)
 - Major infrastructure projects are not currently listed in LRTP
 - Projects are too high-cost, given fiscal constraints of existing programming obligations
- In total, there were 10 projects evaluated this year that remain unfunded

Recap: Key Takeaways

- 14 out of 24 projects evaluated by the MPO this year have been proposed for funding
- No new Major Infrastructure projects were funded
- Funding held in FFY 2021 for an MBTA Modernization program OR additional highway project
- Community Transportation Program funding was restored in FFY 2022 and continued in FFY 2024
- Project readiness and cost change issues are primary drivers of degree of flexibility in TIP programming

Questions?

