



Boston Region Metropolitan Planning Organization

April 4, 2024



Notice of Nondiscrimination

You are invited to participate in our transportation planning process, regardless of your race, color, national origin (including limited English proficiency), religion, creed, gender, ancestry, ethnicity, disability, age, sex, sexual orientation, gender identity or expression, veteran's status, or background.

Read the full notice of your rights and protections at www.bostonmpo.org/mpo_non_discrimination.



Español (Spanish)

Si necesita esta información en otro idioma, por favor contacte la Boston Region MPO al 857.702.3700.

Português (Portuguese)

Caso estas informações sejam necessárias em outro idioma, por favor, contate o MPO da Região de Boston pelo telefone 857.702.3700.

Tiếng Việt (Vietnamese)

Nếu quý vị cần thông tin này bằng một ngôn ngữ khác, vui lòng liên lạc Boston Region MPO theo số 857.702.3700.

Kreyòl Ayisyen (Haitian Creole)

Si yon moun vle genyen enfòmasyon sa yo nan yon lòt lang, tanpri kontakte Espesyalis Boston Region MPO Title VI la nan nimewo 857.702.3700.

简体中文 (Simplified Chinese)

如果需要使用其它语言了解信息，请联系波士顿大都会规划组织 **(Boston Region MPO)** 《民权法案》第六章专员，电话 857.702.3700.

繁體中文 (Traditional Chinese)

如果需要使用其他語言瞭解資訊，請聯繫波士頓大都會規劃組織 **(Boston Region MPO)** 《民權法案》第六章專員，電話 857.702.3700.



Accessibility Statement

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If you require any additional accommodations in order to participate fully in this meeting or if you have any technical difficulties, please contact **Stella Jordan**, MPO staff, at sjordan@ctps.org, or **857.702.3675**, or via the chat box.





Guidelines

1. All participants will join the meeting with muted microphones.
2. Please rename yourself to include your first name, last name, and affiliation.
3. After roll call, Board members may mute and unmute themselves.
Always remain muted unless actively speaking.
4. To participate in the discussion, please select the “raise hand” function.
Find this by clicking either on the “Participants” button at the bottom of the screen, and a window will pop up with a “Raise Hand” button at the bottom, or the “Reactions” button in the toolbar. The Chair will then call on participants.
5. If you are on the phone, you can use *9 to raise your hand.





April 4, 2024

Introductions

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: February 15, 2024, Meeting Minutes
8. Action Item: FFY 2024–28 TIP Amendment Five
9. Action Item: FFYs 2025–29 TIP Final Project Programming Scenario
10. Members' Items

Technical difficulties?

Call Stella Jordan
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Chair's Report

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Executive Director's Report

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Staffing Updates

- New posting: Manager of Data Management

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Engagement Updates

- Quarterly Inner Core Committee Transportation Group on April 3, 2024
- Union Capital Boston engagement event
 - Spoke with 150 community members on transportation concerns and priorities

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Today's Agenda

- Action items
 - Federal Fiscal Years (FFYs) 2024-28 Transportation Improvement Program (TIP) Amendment Five (Endorse)
 - FFYs 2025-29 TIP Final Project Programming Scenario

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Next Meetings

- April 11, 2024, at 10 AM (virtual)
- April 18, 2024, at 10 AM (virtual)

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Public Comments

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Committee Chairs' Reports

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Regional Transportation Advisory Council Report

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Action Item: February 15, 2024, Meeting Minutes

Vote to approve these meeting minutes

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Action Item: Federal Fiscal Years (FFYs) 2024–28 Transportation Improvement Program (TIP) Amendment Five

Ethan Lapointe, MPO Staff

Presentation, discussion, and vote to endorse the FFYs 2024–28
TIP Amendment Five

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FFYs 2024–28 Transportation Improvement Program (TIP) Amendment Five

Presentation, discussion, and vote to endorse the FFYs 2024–28 TIP Amendment Five

Ethan Lapointe
TIP Manager, MPO Activities



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Amendment Five Summary

- Amendment Five proposes changes to the Statewide Highway Program in FFYs 2024 and 2025.
- Changes include:
 - Delay of Middleton– Bridge Replacement of Route 62 over Ipswich River from FFY 2024 to FFY 2025
 - Delay of Boston– Bridge Preservation, 5 Bridges Carrying State Route 1A (East Boston) and Ramps to FFY 2025
- Additional detail is in the FFYs 2024–28 TIP document for existing MBTA projects.

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Summary of Public Comment

- Public comment began March 11, 2024, and concluded April 1, 2024.
- Staff received one comment expressing opposition to converting rail corridors for bicycle use in favor of transit expansion.
 - Staff responded to the commenter to note their feedback, though the concerns presented do not pertain to any items in this amendment.

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Today's Requested Action

- MPO staff request that the board votes to endorse Amendment Five following the conclusion of its 21-day public comment period.

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Backup: Project Detail

Amendment Five Project Changes– FFY 2024 Statewide Highway Program

Project ID and Name	Change Type	Funding Source	Current Budget	New Budget	Difference	Explanation
608522: Middleton — Bridge Replacement, M–20–003, Route 62 (Maple Street) over Ipswich River	New Start Year	HIP-BR	\$3,635,960	\$0	\$3,635,960	This project has been delayed from FFY 2024 due to lagging submissions for 25% design, previously expected in August 2023. The most recent schedule now recommends an FFY 2025 start year, and an increase in cost of \$145,438.
613209: Boston – Bridge Preservation B–16–236 (39M, 39P, 39U, 39W, 39Y), 5 Bridges Carrying State Route 1A (East Boston Expressway NB/SB) and Ramps	New Start Year	HIP-BR	\$6,525,000	\$0	\$6,525,000	Based on the most recent schedule of the project, this project will obtain notice-to-proceed for construction in December 2024, within FFY 2025.

Amendment Five Project Changes– FFY 2025 Statewide Highway Program

Project ID and Name	Change Type	Funding Source	Current Budget	New Budget	Difference	Explanation
608522: Middleton — Bridge Replacement, M–20–003, Route 62 (Maple Street) over Ipswich River	New Start Year	HIP-BR	\$0	\$3,781,398	(\$3,781,398)	This project has been delayed from FFY 2024 due to lagging submissions for 25% design, previously expected in August 2023. The most recent schedule now recommends an FFY 2025 start year, and an increase in cost of \$145,438.
613209: Boston – Bridge Preservation B–16–236 (39M, 39P, 39U, 39W, 39Y), 5 Bridges Carrying State Route 1A (East Boston Expressway NB/SB) and Ramps	New Start Year	HIP-BR	\$0	\$6,525,000	(\$6,525,000)	Based on the most recent schedule of the project, this project will obtain notice-to-proceed for construction in December 2024, within FFY 2025.



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Action Item: FFYs 2025–29 TIP Final Project Programming Scenario

Ethan Lapointe, MPO Staff

Presentation, continued discussion of draft scenarios, and expected vote to approve one scenario for inclusion in the draft FFYs 2025–29 TIP

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FFYs 2025–29 TIP Final Project Programming Scenario

*Discussion of draft scenarios and expected vote to approve one scenario
for inclusion in the draft FFYs 2025–29 TIP*

Ethan Lapointe
TIP Manager, MPO Activities



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Presentation Overview

1. Update on public engagement for the Transportation Improvement Program (TIP)
2. Resources for Today
3. Recap of March 28 TIP Process, Engagement, and Readiness Committee (TIPPER) Committee meeting and recommendations for Federal Fiscal Year (FFY) 2027 resolution
4. Scaling update for Project Design Pilot
5. FFY 2026 Long-Range Transportation Plan (LRTP) Project Design information
6. Transit projects discussion
7. Outstanding scenario items
8. Discussion and vote(s) to adopt a final scenario

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TIP Public Engagement Update

- Recent engagement activities
- TIP public comment period will begin April 22 and last until May 22, 2024
- Staff are looking for opportunities to share information on the TIP and other MPO activities at community events this spring or summer
 - If your community is planning an event and seeking tables, please reach out

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Resources for Today



April 4, 2024

Resources for Today - Scenario 4A/4B and Scenario 3 Bundle

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Scenario 4A – Delay Woburn Town Common to FFY 2029

TIP ID	Proponent(s)	Project Name	MPO Score	Investment Category	NAPC Subregion	FFYs 2024-28 Programmed Year(s)	FFYs 2025-29 Programmed Year(s)	Design Status	FFY 2025	FFY 2025 (New)	FFY 2026	FFY 2026 (New)	FFY 2027	FFY 2027 (New)	FFY 2028	FFY 2028 (New)	FFY 2029 (New)	Other Non-Target Funds	Adjusted TFPF (FFYs 2025-29)	
E10544	Peabody	PEABODY-MULTI-USE PATH CONSTRUCTION OF INDEPENDENCE GREENWAY AT I-495 AND ROUTE 1	53	BP	NSTP	2025	2025	20% Reopened R/C	\$15,777,132	\$13,966,880	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,966,880
E09204	Baltimore	BELMONT-COMMUNITY PATH, BELMONT COMPONENT OF THE MCTP (PHASE 1)	64.6	BP	ICC	2025	2027	20% Reopened	\$0	\$0	\$21,268,212	\$8,998,868	\$0	\$12,499,750	\$0	\$0	\$0	\$0	\$0	\$20,458,750
E13288	Malden	MALDEN- SPOT POND BROOK GREENWAY	73	BP	ICC	2027	2028	Approved	\$0	\$0	\$0	\$0	\$4,858,127	\$0	\$0	\$4,858,127	\$0	\$0	\$4,858,127	
E10891	Natick	COCHITUATE RAIL TRAIL EXTENSION (ARTA STATION TO MECHANIC STREET) - NATICK CENTER CONNECTION	67	BP	MWRC	2028	2028	20% Reopened	\$0	\$0	\$0	\$0	\$0	\$0	\$7,760,451	\$7,492,849	\$0	\$0	\$7,492,849	
E10888	Swampscott	SWAMPSCOTT-TRAIL TRAIL CONSTRUCTION	66.4	BP	NSTP	2028	2028	Approved	\$0	\$0	\$0	\$0	\$0	\$0	\$8,302,000	\$8,624,800	\$0	\$0	\$8,624,800	
TBD	Norfolk, Wrentham, Walpole	NORFOLK-WRENTHAM-WALPOLE-SHARED-USE PATH INSTALLATION (METACOMET GREENWAY) (DESIGN ONLY)	65	BP	SWAP	N/A	2025	Initiated	\$0	\$1,550,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,550,000	
TBD	Frammingham	FRAMMINGHAM- CHRIS WALSH TRAIL PHASE 2 (DESIGN ONLY)	79.9	BP	MWRC	N/A	2025	Initiated	\$0	\$838,888	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$838,888	
E13319	Sudbury	SUDBURY-FRAMMINGHAM- BIKE PATH CONSTRUCTION OF BRIDGE FREEMAN RAIL TRAIL FROM THE SUDBURY DIAMOND RAILROAD CROSSING TO EATON ROAD WEST	47	BP	MAGIC	N/A	2025	Approved	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
S12684	Newton	NEWTON MICROTRANSIT SERVICE EXPANSION	67	CC	ICC	2023-25	2023-24	N/A	\$209,903	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$477,909	
S12703	MART	MONTAGUSETT RTA MICROTRANSIT SERVICE	57	CC	MAGIC	2023-25	2023-25	N/A	\$406,641	\$406,641	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$813,282	
S12697	Waketown	PLEASANT STREET SHUTTLE SERVICE EXPANSION	78	CC	ICC	2023-25	2023-25	N/A	\$238,838	\$238,838	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$477,676	
S12700	CATA	CATA ON DEMAND MICROTRANSIT SERVICE EXPANSION - ROCKPORT AND LANEVILLE	61.75	CC	NSTP	2023-25	2023-25	N/A	\$214,776	\$214,776	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$429,552	
S12666	Stoughton	STONEHAM SHUTTLE SERVICE	72	CC	NSPC	2023-25	2023-25	N/A	\$205,186	\$205,186	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$410,372	
S12701	MWRTA	MWRTA CATCHCONNECT MICROTRANSIT SERVICE EXPANSION - HUDSON AND MARLBOROUGH	59	CC	MWRC	2023-25	2023-25	N/A	\$158,488	\$158,488	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$316,976	
S12807	MWRTA	MWRTA CATCHCONNECT MICROTRANSIT EXPANSION PHASE 2 - FRAMMINGHAM AND NATICK EXTENDED HOURS	60	CC	MWRC	2024-26	2024-26	N/A	\$185,625	\$185,625	\$162,900	\$162,500	\$0	\$0	\$0	\$0	\$0	\$0	\$511,050	
S12828	CTPS	BKESHARE STATE OF GOOD REPAIR SET-ASIDE	N/A	CC	REGIONWIDE	2025-28	2026-29	Administrative	\$1,000,000	\$0	\$1,000,000	\$1,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$0	\$7,000,000	
S12124	CTPS	COMMUNITY CONNECTIONS PROGRAM	N/A	CC	REGIONWIDE	2025-28	2026-29	Administrative	\$836,679	\$0	\$2,307,500	\$1,847,222	\$2,500,000	\$2,836,193	\$2,500,000	\$2,999,866	\$2,500,000	\$0	\$8,423,415	
S12958	Scotter	BOSTON- BLUEBIKES STATION REPLACEMENT AND ELECTRIFICATION, 12 STATIONS	78.5	CC	ICC	N/A	2025	N/A	\$0	\$393,348	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$393,348	
S12860	Cambridge	CAMBRIDGE- BLUEBIKES STATE OF GOOD REPAIR, 8 STATIONS AND 65 PEDAL BIKES	68.5	CC	ICC	N/A	2025	N/A	\$0	\$385,456	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$385,456	
S12956	Scotter	BOSTON- REPURPOSING SINGLE SPACE PARKING METER POLES FOR 1600 BICYCLE RACKS	82	CC	ICC	N/A	2025	N/A	\$0	\$379,470	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$379,470	
S12862	Somerville	SOMERVILLE- BLUEBIKES STATE OF GOOD REPAIR, 13 STATIONS	67.5	CC	ICC	N/A	2025	N/A	\$0	\$278,127	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$278,127	
S12891	Brookline	BROOKLINE- BLUEBIKES STATE OF GOOD REPAIR, 3 STATIONS AND 62 PEDAL BIKES	67	CC	ICC	N/A	2025	N/A	\$0	\$269,880	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$269,880	
S12894	Revere	REVERE- BLUEBIKES EXPANSION TO NORTHERN STRAND (SALEM STREET AT NORTH MARSHALL STREET) AND GREENHOLD PARK	63.5	CC	ICC	N/A	2025	N/A	\$0	\$169,888	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$169,888	
S12865	Arlington	ARLINGTON- INSTALLATION OF 123 BICYCLE RACKS AND RELATED MATERIALS	74.5	CC	ICC	N/A	2025	N/A	\$0	\$93,878	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$93,878	
S12866	Malden	MALDEN- CANAL STREET BICYCLE LANES	51.25	CC	ICC	N/A	2025	N/A	\$0	\$81,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$81,250	
S12867	Salt Lake	SALT LAKE- INSTALLATION OF 25 BICYCLE RACKS	45.5	CC	SSC	N/A	2025	N/A	\$0	\$22,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,800	
S12863	Chelsea, Revere	CHELSEA-REVERE- REGIONAL ON DEMAND MICROTRANSIT PILOT PROJECT	53.75	CC	ICC	N/A	2025-27	N/A	\$0	\$499,640	\$0	\$499,278	\$0	\$493,807	\$0	\$0	\$0	\$0	\$1,492,725	
E08851	MassDOT	WILMINGTON- RECONSTRUCTION ON ROUTE 28 (MAIN STREET), FROM ROUTE 62 TO THE WOBURN C.L.	59	CS	NSPC	2025	2025	20% Reopened	\$23,731,429	\$37,492,840	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$37,492,840	

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Resources for Today - TIP Project Descriptions

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Hudson - Massachusetts Central Rail Trail Extension [Design Only]

Framingham - Chris Walsh Trail (Phase 2) [Design Only]

Project Design Pilot

Bicycle Network and Pedestrian Connections

Cambridge- New Bridge and Shared-Use Path Connection over MBTA Fitchburg Line at Danehy Park Connector

Project Number: 613568
 Project Cost: \$3,000,000
 Score: 78.1
 Project Description:

- This project will design a new shared-use path connection between Danehy Park in Cambridge over the MBTA's Fitchburg commuter rail line, under Alewife Brook Parkway, and towards Alewife Station. Construction of the project will be executed under Project Number 613568.

Technical difficulties?

Call Stella Jordan
at 857.702.3675 or
email sjordan@ctps.org



April 4, 2024

Resources for Today - Project Scoring Summary

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: February 15, 2024, Meeting Minutes
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10. Members' Items

FFY 2025-29 TIP Project Evaluation Results: Scoring Summary

Bicycle Network and Pedestrian Connections Program																		
Proposed	Project Number	Project Name	MAPC Subregion	Project Status	Project Cost	Total Score	Total Base Score	Total Scaled Equity Score	Safety	Safety Equity Score	Mobility and Reliability	Mobility and Reliability Equity Score	Access and Connectivity	Access and Connectivity Equity Score	Resilience	Resilience Equity Score	Clean Air and Healthy Communities	Clean Air and Healthy Communities Equity Score
Cambridge	613568	Cambridge-New Bridge and Shared-Use Path Construction over I-93/US-1 at Overy Park Connector [DESIGN ONLY]	ICC	PRC Approved (12/18/2023)	Design: \$3,000,000 Construction: \$14,300,000	78.1	72.5	5.6	14	3.5	14	2.5	15.5	2.5	14	2	15	3.5
Framingham	N/A	Framingham-Chita Wakh Trail (Phase 2) [DESIGN ONLY]	MWRIC	Preliminary Design	Design: \$850,000 Construction: \$14,300,000	79.9	69.5	10.4	15	8	13.5	6	15	5	13	1	13	6
Hudson	N/A	Hudson-Massachusetts Central Rail Trail Construction [DESIGN ONLY]	MAGIC	Preliminary Design	Design: \$909,700	62.7	57.5	5.2	11.5	3.5	10.5	2	12.5	2	10	2	13	3.5
Hartford/Westham/Walkers	613644	Hartford/Westham/Walkers-Shared-Use Path Installation (Malcolm Greenway) [DESIGN ONLY]	SWAP, TRIC	Preliminary Design	Design: \$1,550,000 Construction: \$19,754,350	65	59.5	5.5	11	3.5	12	2.5	13.5	1.75	10	2	13	4
Sudbury	613319	Sudbury-Framingham Site Path Construction of Bruce Freeman Rail Trail, from the Sudbury Diamond Railroad Crossing to Eaton Road West	MAGIC	PRC Approved (8/01/2023)	\$6,830,000	50.5	47	3.5	12	3.5	8.5	1.75	10.5	0.5	7	1	9	2
						100	80	20	16		15		17		16		16	

Complete Streets Program																		
Proposed	Project Number	Project Name	MAPC Subregion	Project Status	Project Cost	Total Score	Total Base Score	Total Scaled Equity Score	Safety	Safety Equity Score	Mobility and Reliability	Mobility and Reliability Equity Score	Access and Connectivity	Access and Connectivity Equity Score	Resilience	Resilience Equity Score	Clean Air and Healthy Communities	Clean Air and Healthy Communities Equity Score
Action	N/A	Action-Gate Road, from Hanna Street to Davis Road Intersections, Complete Streets Project [DESIGN ONLY]	MAGIC	Preliminary Design	Design: \$460,000 Construction: \$9,600,000	45.4	41	4.4	10	4	14	3	8	1.5	1	0	8	2.5
Arlington	N/A	Arlington-Boundary Complete Streets [DESIGN ONLY]	ICC	Preliminary Design	Design: \$1,395,000	80.1	72.5	7.6	16	4	16	5	10.5	2.5	13	2	17	5.5
Boston	N/A	Boston-Reconstruction of Bennington Street, from Street to Wood Island Busway [DESIGN ONLY]	ICC	Preliminary Design	Design: \$1,500,000 Construction: \$15,000,000	76.2	66	10.2	9.5	4.5	17.5	6.75	11	3.75	14	3	14	7.5
Bellingham	612963	Bellingham-Roadway Rehabilitation of Route 126 (Northford Road) from 800 Feet North of the Interstate 495 Northbound On-Ramp to Metway Town Line, including B-06-017 [DESIGN ONLY]	SWAP	PRC Approved (8/15/2022)	\$13,900,000	54.3	50	4.3	7.5	2	12.5	3.25	14	2.5	7	0.5	9	2.5
Malden	N/A	Malden-Route 60 Improvement Project [DESIGN ONLY]	ICC	Preliminary Design	Design: \$2,800,000 Construction: \$1,031,687	71.15	62	9.15	14.5	6	17	6.375	12.5	3.75	10	3	8	3.75
Malden	N/A	Malden-Commercial Street Reconstruction [DESIGN ONLY]	ICC	Preliminary Design	Design: \$935,000 Construction: \$7,250,000	62.25	54	8.25	13	5.25	15	5.625	10	2.25	5	3	11	4.5
Marlborough	612285	Marlborough-Reconstruction of Ganger Boulevard [DESIGN ONLY]	MWRIC	PRC Approved (8/24/2021)	\$1,215,000/Construction: \$12,150,000	79.9	70	9.9	14	6	17	6.75	13	3.75	13	3	13	5.25
Uxbridge	612738	Uxbridge-Anglia Road Ecological Tidal Restoration Project	NSTP	PRC Approved (1/22/2022)	\$9,800,000	37.9	35.5	2.4	2.5	0.5	7	0.5	7	1.5	11	1	8	2.5
Salem	N/A	Salem-Road Street and Dalton Parkway Corridor Project [DESIGN ONLY]	NSTP	Preliminary Design	Design: \$1,968,780 Construction: \$2,550,000	60.1	54.5	5.6	13.5	4	16	4	12	2.5	3	0.5	10	3
Southborough	612952	Southborough-Reclamation of Marlborough Road (Route 85) and Framingham Road from Marlborough Ct. to Route 30 [DESIGN ONLY]	MWRIC	Preliminary Design	Design: \$1,315,000 Construction: \$13,133,146	52.5	52.5	4.7	8	2	11	3.5	8.5	0.75	11	2	14	3.5
						100	80	20	16		19		15		14		16	

Intersection Improvements Program																		
Proposed	Project Number	Project Name	MAPC Subregion	Project Status	Project Cost	Total Score	Total Base Score	Total Scaled Equity Score	Safety	Safety Equity Score	Mobility and Reliability	Mobility and Reliability Equity Score	Access and Connectivity	Access and Connectivity Equity Score	Resilience	Resilience Equity Score	Clean Air and Healthy Communities	Clean Air and Healthy Communities Equity Score
Burlington	613641	Burlington-Intersection Improvements at Route 3A/Cambridge Street and Wren Street [DESIGN ONLY]	NSPIC	PRC Approved (12/18/2023)	Design: \$1,700,000 Construction: \$9,557,295	71	64.5	6.5	21.5	4.5	16.5	4.25	12.5	2.5	5	1.5	9	3.5
Hulliston	N/A	Hulliston-Intersection Improvements at Route 16 and Wherry Street [DESIGN ONLY]	MWRIC	Preliminary Design	Design: \$250,000 Construction: \$2,800,000	42.8	39.5	3.3	19	5	9	1.5	5.5	0.75	4	1	2	0
Sherborn	N/A	Sherborn-Reconstruction of Route 27 and Route 16 [DESIGN ONLY]	SWAP	Preliminary Design	Design: \$900,000 Construction: \$9,000,000	81.8	75	6.8	22	5	16	4	15	2.5	13	2	9	3.5
Quincy	610823	Quincy-Intersection Improvements at Ward Street and Roubat Drive	ICC	75% Design	\$1,812,839	41.1	36	5.1	16.5	6	11	5.25	4.5	0.75	-1	-2.25	5	3
						100	80	20	25		18		14		12		11	

Transit Transformation Program																		
Proposed	Project Number	Project Name	MAPC Subregion	Project Status	Project Cost	Total Score	Total Base Score	Total Scaled Equity Score	Safety	Safety Equity Score	Mobility and Reliability	Mobility and Reliability Equity Score	Access and Connectivity	Access and Connectivity Equity Score	Resilience	Resilience Equity Score	Clean Air and Healthy Communities	Clean Air and Healthy Communities Equity Score
CATA	N/A	CATA-Fare Upgrades for ADA and Del-A-Ride Customers	NSTP	N/A	\$65,000	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
CATA	N/A	CATA-CATA Gloucester Facility Modernization	NSTP	N/A	\$1,293,000	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
CATA	N/A	CATA-Vehicle Replacement (4 Vehicles)	NSTP	N/A	\$2,460,000	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
MVRTA	N/A	MVRTA-Procurement of Three 29 Foot Buses	MWRIC	N/A	\$1,980,000	52.2	47	5.2	9	2	14	4	12	4	6	0.5	6	2.5
MVRTA	N/A	MVRTA-Banden Hub Equitable Redesign Initiative	MWRIC	N/A	\$2,000,000	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
						100	79	21	16		16		16		16		15	

Technical difficulties?

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April 4, 2024

Resources for Today - Evaluation Metrics for New Projects

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: February 15, 2024, Meeting Minutes
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FFY 2025-29 TIP Project Evaluation Results: Evaluation Metrics

Project ID	Project Name	Phase	Investment Program	Score	Cost	Length (Road Miles)	Cost/Mile	AAVT/Daily Trips	Cost/Daily Trip	CO2 Reduction (KG)/yr	\$ / Annual CO2 (KG) Red.	Latest Regional TIP Project (Non CC)
613319	Sudbury-Framingham- Bike Path Construction of Bruce Freeman Rail Trail, from the Sudbury Diamond Railroad Crossing to Eaton Road West	Construct	Bicycle Network and Pedestrian Connections	50.5	\$8,820,000	1.3	\$6,784,615			18,347.58	\$480.72	2022
N/A	Arlington- Installation of 123 Bicycle Racks and Related Materials	Construct	Community Connections	74.5	\$90,878	N/A	N/A			Not Applicable - Qualitative CO2 Reduction		2014
N/A	Boston- Bluebikes State-of-Good Repair, Twelve Stations	Construct	Community Connections	76.5	\$590,348	N/A	N/A			Not Applicable - Qualitative CO2 Reduction		2029
N/A	Boston- Installation of 1600 Bicycle Racks	Construct	Community Connections	82	\$379,470	N/A	N/A			Not Applicable - Qualitative CO2 Reduction		2029
N/A	Brookline- Bluebikes State-of-Good Repair, Three Stations and 62 Pedal Bicycles	Construct	Community Connections	67	\$200,000	N/A	N/A			4277.69	\$46.75	2028
N/A	Cambridge- Bluebikes State-of-Good Repair, Eight Stations and 65 Pedal Bicycles	Construct	Community Connections	68.5	\$385,456	N/A	N/A			4484.68	\$85.95	2020
N/A	Chelsea-Revere- Regional On-Demand Microtransit Pilot Project	Construct	Community Connections	53.75	\$499,649	N/A	N/A	58	\$36	4054.53	\$123.23	Chelsea: 2027 Revere: <2008
N/A	Malden- Canal Street Bicycle Lanes	Construct	Community Connections	51.25	\$81,250	0.51	\$159,314			93311.76	\$2.44	2027
N/A	Revere- Bluebikes Expansion, Four Stations and 40 Pedal Bicycles	Construct	Community Connections	63.5	\$169,000	N/A	N/A			1517.8909	\$111.34	<2008
N/A	Schuette- Installation of 25 Bicycle Racks	Construct	Community Connections	45.5	\$22,800	N/A	N/A			Not Applicable - Qualitative CO2 Reduction		2029
N/A	Somerville- Bluebikes State-of-Good Repair, Thirteen Stations	Construct	Community Connections	67.5	\$278,127	N/A	N/A			Not Applicable - Qualitative CO2 Reduction		2029
612963	Bellingham- Roadway Rehabilitation of Route 126 (Hartford Road) from 800 Feet North of the Interstate 495 Northbound Off-Ramp to Madway Town Line, including B-06-017.	Construct	Complete Streets	54.3	\$13,900,000	1.53	\$9,084,967	16691	\$832.78	2557.9992	\$5,433.93	2022
612738	Quincy- Intersection Improvements at Willard Street and Quincy- Intersection Improvements at Willard Street and Riccioli Drive	Construct	Complete Streets	37.9	\$13,200,000	0.24	\$55,000,000	1955	\$6,751.92	306.335	\$43,090.08	2027
N/A	CATA- Fare Upgrades for ADA and Dial-A-Ride Customers	Construct	Transit Transformation	TBD	\$65,000	N/A	N/A			N/A		<2008
N/A	CATA- CATA Gloucester Facility Modernization	Construct	Transit Transformation	TBD	\$1,293,000	N/A	N/A			N/A		<2008
N/A	CATA- Vehicle Replacement (4 Vehicles)	Construct	Transit Transformation	TBD	\$2,460,000	N/A	N/A			TBD		<2008
613568	MWRTA- Procurement of Three 29 Foot Buses Cambridge-New Bridge and Shared-Use Path Construction over Fitchburg Line at Danahy Park Connector [DESIGN ONLY]	Design	Bicycle Network and Pedestrian Connections	78.1	\$3,000,000	0.35	\$8,571,429			N/A		2020
N/A	Framingham- Chris Walsh Trail (Phase 2) [DESIGN ONLY]	Design	Bicycle Network and Pedestrian Connections	79.9	\$850,000	0.54	\$1,574,074			N/A		2023
N/A	Hudson- Massachusetts Central Rail Trail Construction [DESIGN ONLY]	Design	Bicycle Network and Pedestrian Connections	62.7	\$909,700	2.98	\$305,268			N/A		2011
613644	Norfolk-Wenham-Walpole- Shared-Use Path Installation (Marzocum Greenway) [DESIGN ONLY]	Design	Bicycle Network and Pedestrian Connections	85	\$1,550,000	3.15	\$492,063			N/A		Norfolk: 2009 Walpole: 2020 Wenham: 2024
N/A	Acton- Great Road, from Harris Street to Davis Road Intersections, Complete Streets Project [Design Only]	Design	Complete Streets	45.4	\$860,000	1.17	\$735,043	14771	\$58.22	N/A		2022
N/A	Arlington- Broadway Complete Streets 25% Design	Design	Complete Streets	80.1	\$1,395,000	1.07	\$1,303,738	12105	\$115.24	N/A		2014
N/A	Boston- Reconstruction of Bannington Street, Porter Street to Wood Island Buryway	Design	Complete Streets	76.2	\$1,500,000	1.8	\$833,333	11271	\$133.08	N/A		2028
N/A	Malden- Route 60 Improvement Project [DESIGN ONLY]	Design	Complete Streets	71.15	\$2,600,000	2.84	\$894,845	17569	\$147.99	N/A		2027
N/A	Malden- Commercial Street Reconstruction [DESIGN ONLY]	Design	Complete Streets	62.25	\$935,000	0.89	\$1,050,562	18864	\$49.57	N/A		2027
612285	Marlborough- Reconstruction of Granger Boulevard [DESIGN ONLY]	Design	Complete Streets	79.9	\$1,215,000	0.51	\$2,382,353	13001	\$93.45	N/A		2017
N/A	Salem- Broad Street and Dalton Parkway Corridor Project [DESIGN ONLY]	Design	Complete Streets	60.1	\$1,068,780	0.56	\$1,908,536	6860	\$155.35	N/A		2027
612962	Southborough- Reclamation of Marlborough Road (Route 85) and Framingham Road from Marlborough C.L. to Route 30	Design	Complete Streets	52.5	\$1,315,000	1.97	\$667,513	8507	\$154.58	N/A		2018
613641	Burlington- Intersection Improvements at Route 13A/Cambridge Street and Wren Street	Design	Intersection Improvements	71	\$1,700,000	0.85	\$2,000,000	29741	\$57.16	N/A		2017
N/A	Holliston- Intersection Improvements at Route 16 and Whitney Street	Design	Intersection Improvements	42.8	\$250,000	0.19	\$1,315,789	14855	\$16.83	N/A		<2008
N/A	Sherborn- Reconstruction of Route 27 and Route 16	Design	Intersection Improvements	81.8	\$900,000	1.74	\$517,241	22689	\$39.67	N/A		<2008
N/A	MWRTA- Blandin Hub Equitable Redesign Initiative	Design	Transit Transformation	TBD	\$2,500,000	N/A	N/A			N/A		<2008

Abbreviations

CATA = Cape Ann Transportation Authority. CC = Community Connections. KG = kilograms. MWRTA = MetroWest Regional Transit Authority. TBD = To be determined.

Disclaimer: These metrics are draft measures compiled by MPO Staff to assist in project evaluation. The figures presented here are not final, as some projects are at early stages of development and their metrics are to be determined. For design projects, project limits and scopes of work may be subject to change as design progresses. Municipalities listed as ~<2008 for their prior TIP projects have not had a TIP project since before 2008, which is the earliest year of analysis that MPO staff utilize for Geographic Distributions of TIP Funding for regional prioritization. For more information on geographic distributions of TIP funding, please refer to Appendix D of the TIP.

Technical difficulties?

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April 4, 2024

Resources for Today - MBTA Project Readiness Updates

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MBTA Project Scenarios for Surplus MPO Funding Use									
Scenario & Projects	Description & Justification	Funding Details	Total Project Cost (\$M)	Federal Share (BOS)	Match (20%)	Current Design Status	Expected Date of Advertisement	Expected Construction Start	Projected Completion
Scenario 1: Regional Multimodal Investment									
Nubian Sq Bus Circulation	Design and construct changes to Nubian Station to reduce bus travel times, and improve wayfinding, accessibility, and service. This also supports BNRD, Bus Priority, and City of Boston projects. This request is specifically for construction funding. This project was considered for funding in MBTA's 25CIP, but was unable to be funded due to fiscal constraints, but remains a high-priority item.	Funding amount will complete design and construction activities and fully fund the project.	\$5	\$4.0	\$1.0	Pre-Design, approaching 15% PDG	January 2025	March 2025	May 2025
Pedal & Park Modernization	This funding will be used to correct the inefficient and discriminatory infrastructure currently in place throughout our Pedal & Park system. We will remove obsolete bike racks and purchase and install new bi-level bike racks which provide hydraulic lift assist (similar to those in new GLX bike cages) so all ages and abilities can use our system. By providing a more efficient system, we will make use of space gains in each cage to provide additional racks appropriately spaced for parking of scooters, cargo/family-style bikes and accessible trikes. We will explore opportunities to install charging infrastructure for e-bikes, purchase and install bike maintenance stands with air pumps at all Pedal & Parks, and pilot a new system for wayfinding to bike parking at Nubian Square and other hard-to-find Pedal & Park locations.	This funding covers design and construction. The project is scalable depending on available funding.	\$2.50	\$2.0	\$0.5	5-10% (furnishings) Vendor procurement planning (control systems) RFP by 1/2025 (control systems)	Summer 2025 (furnishings) RFP by 1/2025 (control systems)	Fall 2025 (furnishings) January 2026 (control systems)	Spring 2026 (furnishings) Fall 2026 (control systems)
Inner Fitchburg 30-minute headways	Infrastructure upgrades including a turn track to allow 30-min weekday frequencies to Kendall Green on the Fitchburg Commuter rail line. This Project would be a complement and part of the overall Boston Properties new Kendall Green/1-95 intermodal station.	Fully Funds Turn Track, allowing for 30 minute urban services.	\$14	\$11.2	\$2.8	N/A—design/build with Keolis	Via contract with Keolis	Estimated Summer 2025	End CY 2026
Central Accessibility	Compliance and Accessibility upgrades to Central Station	Funding will be incorporated into existing project funds.	\$5.00	\$4.0	\$1.0	Design finalized and in review for advertisement	September 2024	January 2025	May 2027
Total			\$27	\$21.2	\$5.3				
Scenario 2: Transit Priority Investment									
Mattapan Square	This project is the southern extent of the Blue Hill Ave project. This design will improve the safety of the road and update the routing of buses in and out of Mattapan Red Line Rapid Transit Station. The updated bus configuration will save bus riders several minutes, which will be an early benefit delivered ahead of the larger 3-mile long Blue Hill Ave project.	This project is partially funded under MBTA's CIP, this additional funding will be incorporated into existing project funds, and bring the project to fully funded for both Design & Construction.	\$20.0	\$16.0	\$4.0	15% Design, has included considerable outreach and concept iterations	Fall 2025	Winter 2025	Summer 2027
Central Accessibility	Compliance and Accessibility upgrades to Central Station	Funding will be incorporated into existing project funds.	\$5	\$4.0	\$1.0	Design finalized and in review for advertisement	September 2024	January 2025	May 2027
Pedal & Park Modernization	This funding will be used to correct the inefficient and discriminatory infrastructure currently in place throughout our Pedal & Park system. We will remove obsolete bike racks and purchase and install new bi-level bike racks which provide hydraulic lift assist (similar to those in new GLX bike cages) so all ages and abilities can use our system. By providing a more efficient system, we will make use of space gains in each cage to provide additional racks appropriately spaced for parking of scooters, cargo/family-style bikes and accessible trikes. We will explore opportunities to install charging infrastructure for e-bikes, purchase and install bike maintenance stands with air pumps at all Pedal & Parks, and pilot a new system for wayfinding to bike parking at Nubian Square and other hard-to-find Pedal & Park locations.	This funding covers design and construction. The project is scalable depending on available funding.	\$1.5	\$1.2	\$0.3	5-10%	Summer 2025	Fall 2025	Spring 2026
Total			\$26.5	\$21.2	\$5.3				
*Nubian Sq Bus Circulation	Design and construct changes to Nubian Station to reduce bus travel times, and improve wayfinding, accessibility, and service. This also supports BNRD, Bus Priority, and City of Boston projects. This request is specifically for construction funding. This project was considered for funding in MBTA's 25CIP, but was unable to be funded due to fiscal constraints, but remains a high-priority item.	Funding amount will complete design and construction activities and fully fund the project.	\$5	\$4.0	\$1.0	Pre-Design, approaching 15% PDG	January 2025	March 2025	May 2025

Technical difficulties?

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Recap of March 28 TIP Committee Meeting



April 4, 2024

1. Introductions
2. Chair's Report
3. Executive Director's Report
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7. Action Item: February 15, 2024, Meeting Minutes
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March 28 TIPPER Meeting: Project Readiness

- Staff provided a brief update on Newton's NewMo operations in FFY 2025
- Committee heard progress reports and readiness updates on seven projects under consideration for adjustments in FFY 2027
 - Committee has identified a preferred Scenario from the ones presented
 - Scenario 3E, for the Woburn Common project
- Today, we look to adopt a Scenario 4 to serve as the final scenario

Technical difficulties?

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Scenario 3E: Woburn–Town Common Delay to FFY 2029

- Proposed scenario delays the \$17.38M project out of FFY 2027 into FFY 2029
 - Project is still not at 25% design despite being on the TIP since FFYs 2021–25
 - The cost has not been revised since that TIP cycle either, and the cost may increase once 25% design is attained in a future TIP
 - Inflation factor for FFY 2029 increases budget to \$18.67M
- By funding no new projects in FFY 2029 and the Town Common project in full in that year, fiscal constraint is achieved across all five TIP years

Federal Fiscal Year	2025 (New)	2026 (New)	2027 (New)	2028 (New)	2029 (New)	2025-29 Total
Total Available Regional Highway Target Funds (2025-29 TIP):	\$128,427,689	\$125,285,687	\$155,132,142	\$158,052,175	\$161,030,608	\$727,928,301
Draft Total Programmed Regional Highway Target Funds:	\$110,482,691	\$124,569,057	\$154,195,127	\$157,830,836	\$153,975,467	\$701,053,179
Regional Highway Target Funds Remaining (Unprogrammed):	\$17,944,998	\$716,630	\$937,015	\$221,339	\$7,055,141	\$26,875,122
Percent Unprogrammed	14.0%	0.6%	0.6%	0.1%	4.4%	3.7%

Developing Scenario 4: FFY 2029 Projects

- Some members at the March 28 meeting expressed an interest in leveraging Advance Construction (AC) on the Woburn Common project to allocate funding across multiple years.
- Doing so would enable new projects to be funded in FFY 2029 but would further increase future funding obligations to be made by the MPO in the FFYs 2026–30 TIP.
- Scenario 4A reflects the same outcome as shown on the prior slide for delaying the project in full to FFY 2029 (former Scenario 3E).
- Scenario 4B reflects the compromise to be achieved by using Advance Construction.

Scenario 4B: Woburn–Town Common Delay to FFY 2029, with Advance Construction and New Projects

- Scenario 4B funds the following in FFY 2029:
 - Woburn Town Common: \$9.35M
 - **NEW**—Bellingham Route 126: \$8.34M
 - **NEW**—Ipswich Argilla Road: \$3M
 - **NEW**—Sudbury Bruce Freeman Phase 3: \$4.26M
 - Funding of Sudbury’s Bruce Freeman project may also enable MassDOT Highway to support the next segment in Framingham in FFY 2029

Federal Fiscal Year	2025 (New)	2026 (New)	2027 (New)	2028 (New)	2029 (New)	2025-29 Total
Total Available Regional Highway Target Funds (2025-29 TIP):	\$128,427,689	\$125,285,687	\$155,132,142	\$158,052,175	\$161,030,608	\$727,928,301
Draft Total Programmed Regional Highway Target Funds:	\$110,482,691	\$124,569,057	\$154,195,127	\$157,830,836	\$160,243,467	\$707,321,179
Regional Highway Target Funds Remaining (Unprogrammed):	\$17,944,998	\$716,630	\$937,015	\$221,339	\$787,141	\$20,607,122
Percent Unprogrammed	14.0%	0.6%	0.6%	0.1%	0.5%	2.8%

Scenario 4B: Implications for FFY 2030

- In most cases, these projects are funded at 50% in FFY 2029 with the remainder to be funded in FFY 2030.
 - At least \$24.5M to be funded between the four projects in FFY 2030.
- Around \$61M is predicted in need for other AC projects.
- Unlikely that all design pilot projects will be applying for FFY 2030 construction.

Project	FFY 2029	FFY 2030
Woburn- Town Common	\$9,335,200	\$9,335,200
Bellingham- Route 126	\$8,340,000	\$8,340,000
Ipswich- Argilla Road	\$3,000,000	\$2,368,966
Sudbury- BFRT Phase 3	\$4,263,000	\$4,263,000
Boston- Rutherford Avenue	\$45,000,000	\$45,000,000
Somerville- McGrath Highway	\$30,310,000	\$5,000,000
Lynn- Western Avenue	\$20,000,000	\$10,897,600
Total:	\$120,248,200	\$85,204,766

Project Design Pilot: Scaling Update

FFY 2025 Design Pilot

- MassDOT informed MPO staff that the \$10M set aside in these scenarios exceeds its capacity to manage the pilot.
- A pilot round of design funding needs to be deliverable and manageable.
 - Microtransit Pilots demonstrate difficulty managing and monitoring large-scale pilot programs.
 - Long design timelines complicate further, especially if MPO, MassDOT, and/or proponent staff turn over.

Proponent(s)	Request (\$M)	Score	Project Name
Acton	\$0.86	45.4	Great Road: Harris to Davis Intersections and Complete Streets
Arlington	\$1.40	80.1	Broadway Complete Streets 100% Design
Boston	\$1.50	76.2	Reconstruction of Bennington Street and Meridian Street
Burlington	\$1.70	62.6	Intersection Improvements at Route 3A and Winn Street
Framingham	\$0.85	79.9	Chris Walsh Trail Phase 2
Holliston	\$0.25	42.8	Intersection Improvements at Route 16 and Whitney Street
Hudson	\$0.91	62.7	Hudson Massachusetts Central Rail Trail Extension
Malden	\$2.60	71.15	Route 60 Improvements
Malden	\$0.94	62.25	Commercial Street Reconstruction
Marlborough	\$1.22	79.9	Reconstruction of Granger Boulevard
Norfolk, Wrentham, Walpole	\$1.55	65	Metacomet Greenway Connection
Salem	\$1.40	60.1	Broad and Dalton Parkway Corridor Project
Sherborn	\$0.9	81.8	Reconstruction of Route 27 and Route 16
Southborough	\$1.32	52.5	Reclamation of Marlborough Road (Route 85) and Framingham Road
TOTAL (\$M)	\$17.36		

Design Pilot: Potential Selection

Proponent(s)	Request	Score	Investment Program	Project Name	Latest TIP Project	Transit Access/Improvement?	Concentrations of Existing/Planned Housing
Arlington	\$1.40	80.1	Complete Streets	Broadway Complete Streets 100% Design	2014	Yes, direct by MBTA 87.	Yes, adopted 3A district and existing multifamily housing.
Framingham	\$0.85	79.9	Bike/Ped	Chris Walsh Trail Phase 2	2023	Yes, direct by MBTA Commuter Rail and MWRTA hub.	Yes, planned (pos. 3A) and existing dense mixed-use developments.
Holliston	\$0.25	42.8	Intersection Improvements	Intersection Improvements at Route 16 and Whitney Street	Pre-2008	No, MWRTA 6 does not utilize.	No, commercial site.
Marlborough	\$1.22	79.9	Complete Streets	Reconstruction of Granger Boulevard	2017	Yes, direct by MWRTA 7, 7C, and 15.	Yes, planned, existing, and underway mixed-use projects.
Norfolk, Wrentham, Walpole	\$1.55	65	Bike/Ped	Metacomet Greenway Connection	Norfolk: 2009 Wrentham: 2024 Walpole: 2020	No, GATRA GO Microtransit only.	Norfolk: Yes, planned (pos. 3A) Wrentham: Yes, planned (pos. 3A) Walpole: Unknown (minimal limits)
Sherborn	\$0.9	81.8	Intersection Improvements	Reconstruction of Route 27 and Route 16	Pre-2008	No access, but improvements may be included to accommodate vehicles.	Yes, planned (pos. 3A) and existing 40B.
TOTAL (\$M)	\$6.15						

GATRA = Greater Attleboro Taunton Regional Transit Authority. MBTA = Massachusetts Bay Transportation Authority. MWRTA = MetroWest Regional Transit Authority. 3A = Section 3A MBTA Communities. 40B = Chapter 40B Affordable Housing development.



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Design Pilot Selection for FFY 2025

- This selection balances the following priorities:
 - Overall project scoring across each investment program
 - Access to existing and planned housing
 - Access to and investment in transit
 - Regional cooperation and collaboration
 - Municipalities that have experience delivering projects, and municipalities that have not been on the TIP in some years
- While most applications will not be funded, staff believe a successful pilot will create a more sustainable long-term pipeline for design development.
 - There are currently no formal plans for an FFY 2026 round
 - Selected projects will not commence contracting for design services until October 1, 2024, leaving no time to monitor their success as that next round would solicit new projects

Technical difficulties?

Call Stella Jordan
at 857.702.3675 or
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FFY 2026 Design Funding for Two LRTP Projects

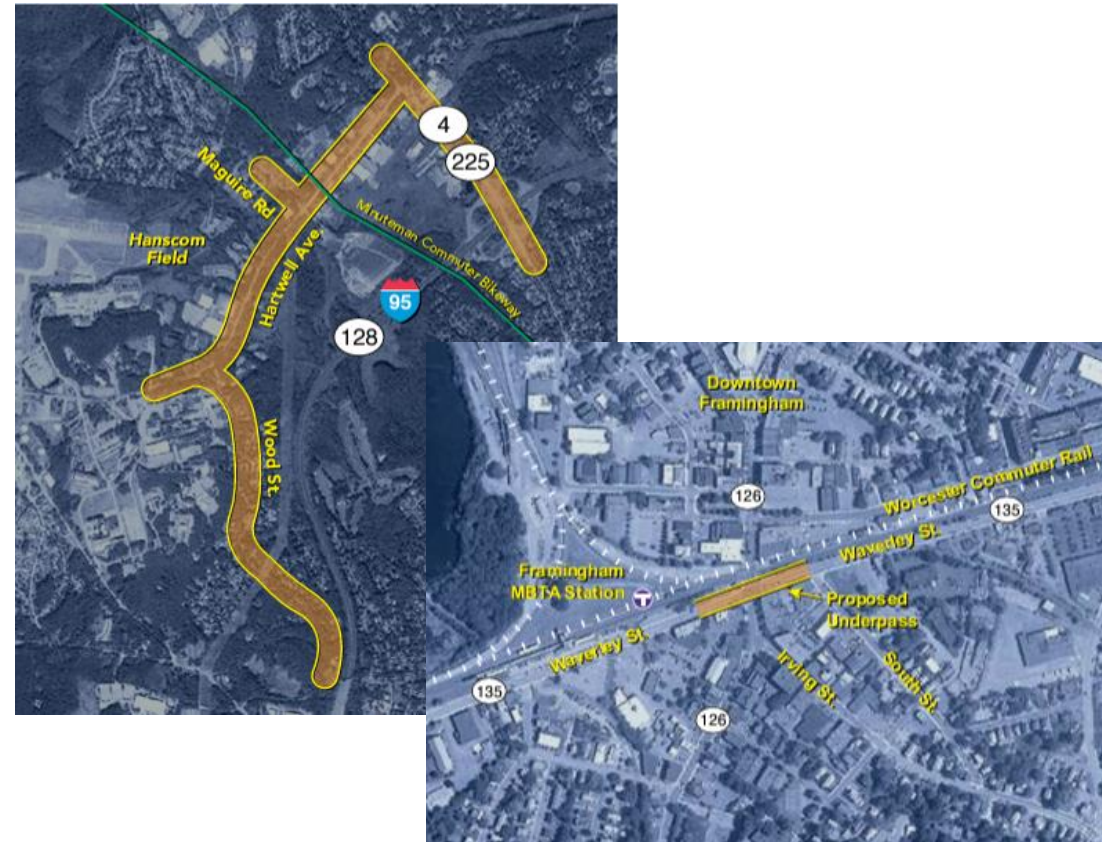


April 4, 2024

FFY 2026 LRTP Project Design

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- FFY 2025 pilot spurred interest from proponents in seeking funding to design their projects.
- Proposed as a fill-in to utilize \$3.05M in funding in FFY 2026.
- \$1.65M for Lexington to work to bring the first phase of Route 4/225 to 25% design.
- \$1.40M for Framingham to update its design and perform public engagement work.



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FFY 2026 LRTP Project Design

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- Contracting would fall within the FFYs 2026–30 TIP.
 - Programming today enables proponents to engage local, state, and regional stakeholders over the next year and a half.
 - Staff will ask proponents to reapply in the FFYs 2026–30 TIP so the projects may be fully scored and further evaluated with new insights.
- Disclaimer: This funding does **NOT** bring these projects to 100% design.
 - Lexington's request is for 25% design for one component of what is likely to be a multi-phase effort, as the Route 4/225 interchange is the lynchpin of further work.
 - This is not necessarily a commitment by the MPO to fund all future design work on these projects.
 - It instead enables proponents to make that request in the future, which is not currently the case for other LRTP projects.
 - Staff have emphasized this to the proponents, alongside mention that funding these projects for construction will likely require pursuit of federal discretionary grants.

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FFY 2025–26
Transit and Highway Funding



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FFYs 2025–26 Transit Funding Assumptions

- Given funding of MBTA projects as fill-ins in recent TIPs, staff are recommending funding all Regional Transit Authority (RTA) projects before funding new MBTA projects (\$8.3M).
- This, and \$20.75M of additional funding to existing MPO-supported MBTA projects in FFY 2025, are factored into scenarios.
- Assuming \$6.15M of design funding, \$21.78M remains available in FFY 2025 to program.



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FFYs 2025 and 2026: New MBTA Projects

- Each of the below projects, or a combination of them, could be funded
 - Central Square is the priority for the MBTA among these projects.
- Near-term readiness for projects would be a combination of Nubian, Central, and Pedal and Park (\$12.5M)
 - Additional funding could be allocated to Central Square
 - During the TIP Universe discussion for the FFYs 2026–30 TIP, members may ask for any project not selected today to apply next year.

Project Name	MPO Funding Request
Accessibility Improvements: Central Square Station (Cambridge)	\$5,000,000 (Seeking additional sources)
Accessibility Improvements: Pedal and Park Modernization (12-13 Stations, 9 Municipalities)	\$1,500,000 - \$2,500,000
Rail Modernization: Fitchburg Line Improvements (Weston)	\$14,000,000
Transit Priority: Mattapan Square Reconfiguration (Boston)	\$20,000,000
Transit Priority: Nubian Square Accessibility and Operational Improvements (Boston)	\$5,000,000

FFY 2025 MassDOT Highway Coverage

- MassDOT has proposed two projects for consideration for FFY 2025, which are currently funded in the Statewide Highway program
- Should the MPO fund these projects, MassDOT may be able to incorporate similar projects in their stead for the FFY 2025 Statewide Highway Program.

Project Name	Request
Arlington– Stratton School Improvements (Safe Routes to Schools)	\$1,625,250
Medford– Shared Use Path Connection at the Route 28/Wellington Underpass	\$4,385,416

Transit Priority: Tremont/Columbus



Type of project: Programmed/cost increase

Project description:

Funding for Phase 2 of the Columbus Avenue center-running bus lane in Boston. This phase of the project extends the bus lane north one mile from Jackson Square to Ruggles Station.

Funding request (estimated costs):

- Total Request: \$7.5M in addition to previously programmed funding
 - 80% federal share: \$6m
 - 20% match: \$1.5m

Purpose of funding:

Cover additional costs identified during the design and engineering stage such as moving MBTA duct banks.





Accessibility Improvements: Jackson Sq.



Type of project: Programmed/Cost increase

Project description:

Accessibility improvements at Jackson Square Station on the Orange Line, including construction of a new elevator and modernization of existing elevator.

Funding request (estimated costs):

- Total Request: \$7.25m in addition to previously programmed funding
 - 80% federal share: \$5.8m
 - 20% match: \$1.45m

Purpose of funding:

Cover budget gap and take the project to completion.



Rail Modernization: Reading Turn Track



Type of project: Programmed/Cost Increase

Project description:

Delivery of turn track and signal improvements to deliver 30-minute weekday service as far as Reading on the Commuter Rail's Haverhill Line.

Funding request (estimated costs):

- Total request: \$6M in addition to previously programmed funding
 - 80% federal share: \$4.8m
 - 20% match: \$1.2m

Purpose of funding:

Cover cost increase and take the project to completion.





Accessibility Improvements: Central Station



Type of project: New

Project description:

Construction of two redundant elevators and the modernization of existing outbound elevator, one of the most unreliable units in the system. (Note: existing inbound elevator was fully modernized in 2020.)

Funding request (estimated costs):

- Total request: \$5M
 - 80% federal share: \$4m
 - 20% local share: \$1m

Purpose of funding:

Partially cover budget gap and help take the project to completion. Total project need is \$10m.



Station Access and Accessibility Improvements: Pedal & Park Modernization



Type of Project: New

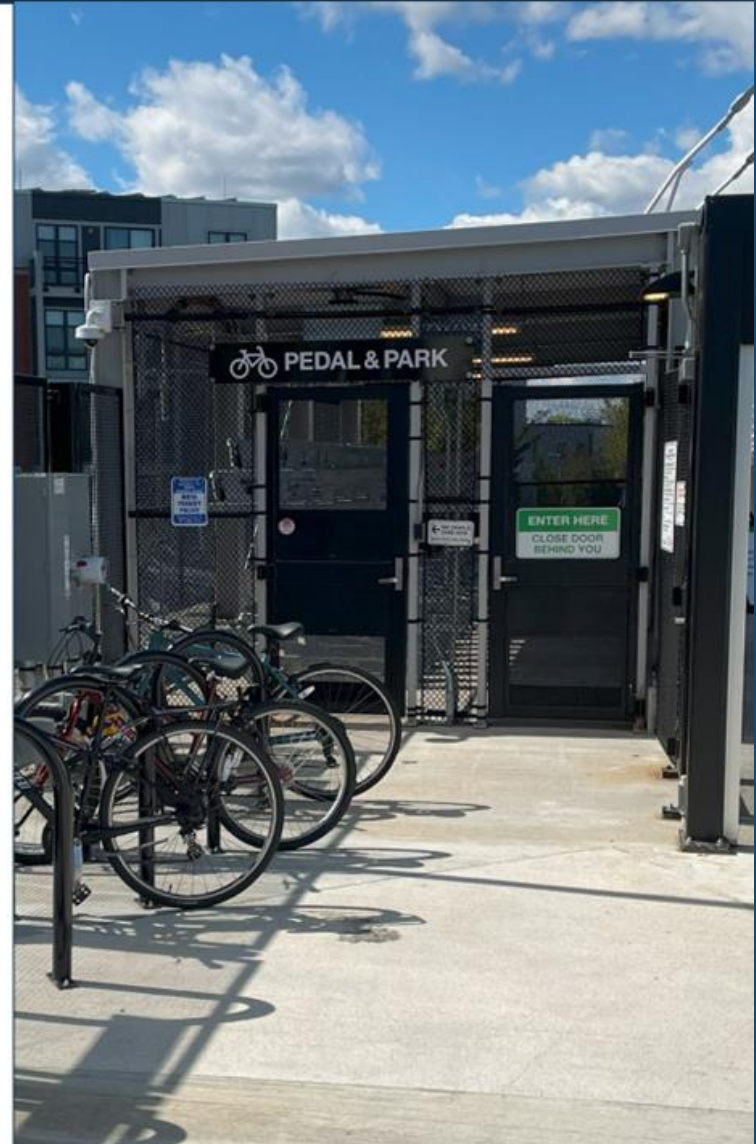
Project description:

Updates to about 15 MBTA Pedal & Park facilities systemwide to provide a more inclusive, accessible, efficient, and user-friendly standard of bike and micromobility parking, wayfinding, and bike maintenance equipment. Project would reach 12-13 transit stations across multiple modes and 9 municipalities.

Funding request (estimated costs):

- Total Request: \$1.5M, or \$2.5m total to also upgrade control systems. Project is scalable.
 - 80% federal share: \$1.2m/\$2m
 - 20% match: \$.3m/\$.5m

Purpose of funding: Design and construction



Rail Modernization: Fitchburg Line 30-min Service



Type of project: New

Project description:

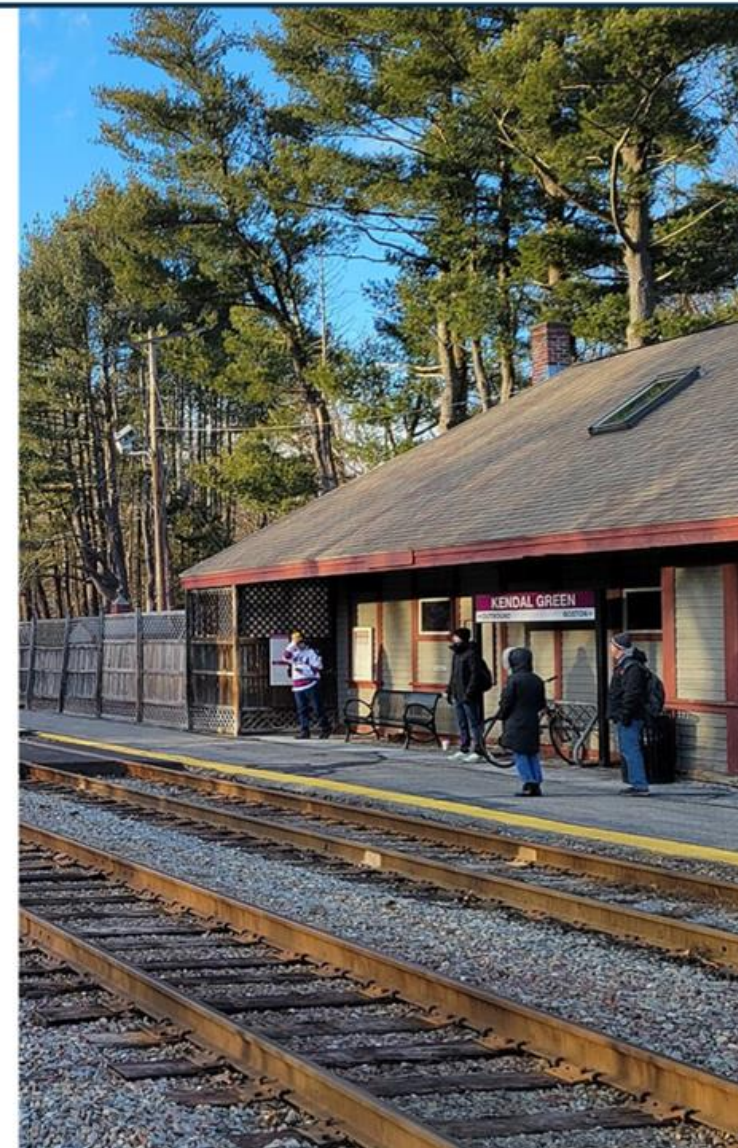
Infrastructure improvements to deliver 30-minute weekday service to the inner half of the Fitchburg Line, as far as Kendal Green Station. In accordance with the goals of the Rail Vision plan, this would allow service every 30 minutes to Boston, Cambridge, Belmont, Waltham, and Weston.

Funding request (estimated costs):

- Total Request: \$14M
 - 80% federal share: \$11.2m
 - 20% match: \$3.8m

Purpose of funding:

Fully fund turn track in vicinity of Kendal Green Station.



Transit Priority: Mattapan Square Reconfiguration



Type of project: New

Project description:

Reconfiguration of Mattapan Square in the southern extent of the Blue Hill Ave project to update bus routing to/from station, reduce travel times by 4-6 mins, and improve safety for riders and pedestrians.

Funding request (estimated costs):

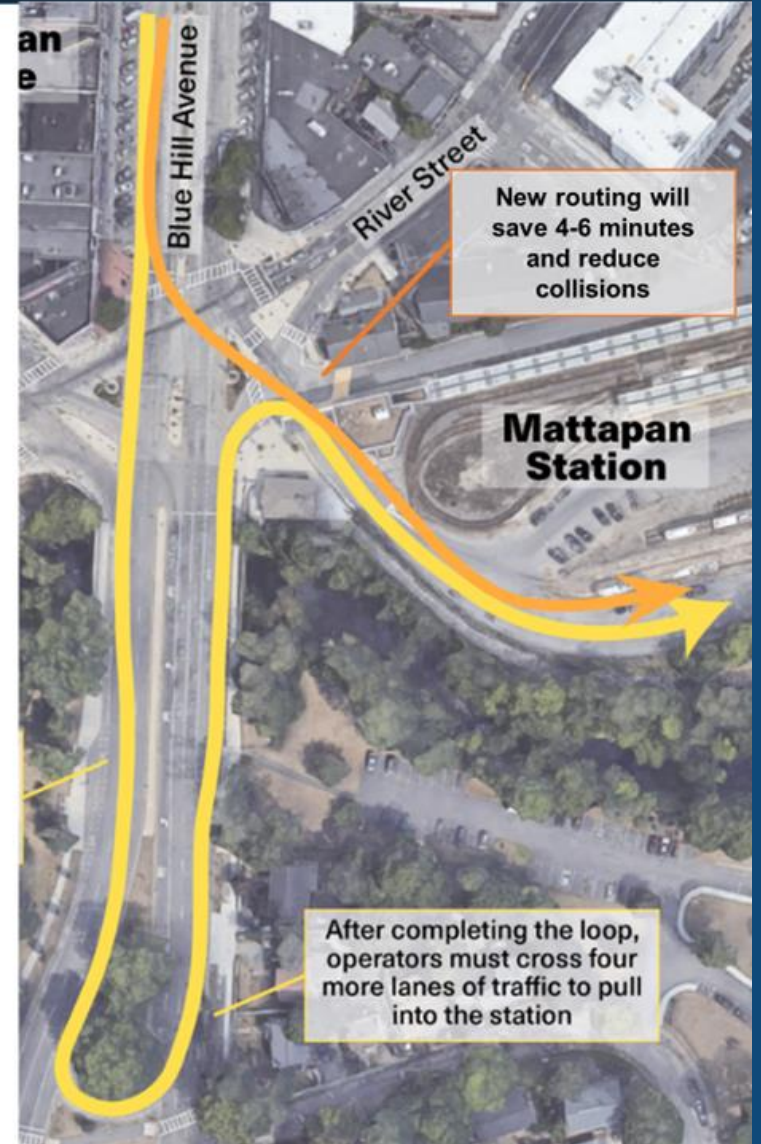
- Total request: \$20m. City of Boston and MBTA are working to lower costs.
 - 80% federal share: \$16m
 - 20% match: \$4m

Purpose of funding:

Advance concept to full design and construction.



Draft for Discussion & Policy Purposes Only



Transit Priority: Nubian Square Accessibility and Operational Improvements



Type of project: New

Project description:

Construction of accessible passenger platforms at Nubian Station to reverse direction of MBTA buses and leverage City of Boston's street network improvements for increased service efficiency. Includes signals, striping, and curb modifications.

Funding request (estimated costs):

- Total Request: \$5m
 - 80% federal share: \$4m
 - 20% match: \$1m

Purpose of funding:

Advance project construction. Design will be complete by time funds are available.



Summary for Discussion



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Summary of Action Items

Staff request a decision from the MPO Board on each of the following:

- **Item 1:** Fund all or some of the FFY 2025 Community Connections Applications
- **Item 2:** Fund all or some of the FFYs 2025 and 2026 RTA Projects
- **Item 3:** Select which new MBTA or MassDOT projects, if any, to fund in FFY 2025
- **Item 4:** Select a preferred alternative for FFY 2027 and FFY 2029 project funding from either Scenario 4A or 4B, or an amended version of either
- **Item 5:** Select six projects for approximately \$6.15M for the FFY 2025 Project Design Pilot
- **Item 6:** Program \$3.05M in FFY 2026 for supporting initial development of two projects currently in the *Destination 2050* LRTP

Technical difficulties?

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LRTP = Long Range Transportation Plan. MBTA = Massachusetts Bay Transportation Authority. RTA = Regional Transit Authority.



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Members' Items

Reports and notices by MPO members, including regional concerns and local community issues

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