

FFYs 2020-24 Transportation Improvement Program (TIP) Development:
Revised Project Evaluation Results (With Proponent Feedback)

Boston Region MPO
2/21/2019

TIP ID	Municipality	Proponent	Project Name	Project Cost	INITIAL TOTAL SCORE (134 Possible Points)	REVISED TOTAL SCORE (134 Possible Points)	Safety Score (30 Possible Points)	Crash Severity Value: Equivalent Property Damage Only (EPDO) Index (Up to 5 Points)	Crash Rate (Up to 5 Points)	Improves Truck Safety (Up to 5 Points)	Improves Bike Safety (Up to 5 Points)	Improves Pedestrian Safety (Up to 5 Points)	Improves Railroad Crossing Safety (Up to 5 Points)	System Preservation Score (29 Possible Points)	Improves Substandard Roadway Bridge(s) (Up to 3 Points)	Improves Substandard Pavement (Up to 6 Points)	Improves Substandard Traffic Signals (Up to 6 Points)	Improves Transit Asset(s) (Up to 3 Points)	Improves Substandard Sidewalk(s) (Up to 3 Points)	Improves Emergency Response (Up to 2 Points)	Improves Ability to Respond to Extreme Conditions (Up to 6 Points)	Capacity Management/Mobility Score (29 Possible Points)	Reduces Transit Vehicle Delay (Up to 4 Points)	Improves Pedestrian Network and ADA Accessibility (Up to 5 Points)	Improves Bike Network (Up to 4 Points)	Improves Intermodal Connections to Transit (Up to 6 Points)	Improves Truck Movement (Up to 4 Points)	Reduces Vehicle Congestion (Up to 6 Points)	Clean Air/Sustainable Communities Score (16 Possible Points)	Reduces CO2 Emissions (Up to 5 Points)	Reduces Other Transportation-Related Emissions (Up to 5 Points)	Addresses Environmental Impacts (Up to 4 Points)	Is Located in an EOEEA-Certified Green Community (Up to 2 Points)	Transportation Equity Score (12 Possible Points)	Economic Vitality Score (18 Possible Points)	Serves Targeted Development Site (Up to 6 Points)	Provides for Development that is Consistent with MetroFuture (Up to 5 Points)	Provides Intermodal Access to Activity Center (Up to 4 Points)	Leverages Other Investments (Non-TIP Funding) (Up to 3 Points)	
<i>(Projects grouped by MPO Investment Category)</i>																																								
Bicycle/Pedestrian																																								
608943	Boston	DCR	Neponset River Greenway (Phase 3)	\$4,972,500	42	42	11	3	0	0	4	4	0	4	0	0	0	0	3	1	0	9	0	5	4	0	0	0	10	3	4	1	2	7	1	0	1	0	0	
609211	Peabody	Peabody	Independence Greenway Extension	\$1,921,075	31	34	9	1	2	0	3	3	0	4	0	0	0	0	3	1	0	9	0	5	4	0	0	0	4	1	1	2	0	4	4	0	2	2	0	
608006	Framingham	MassDOT	Pedestrian Hybrid Beacon Installation at Route 9 and Maynard Road	\$886,228	26	26	11	2	4	0	0	4	1	6	0	0	4	0	0	1	1	2	0	2	0	0	0	0	2	0	0	0	2	1	4	0	2	2	0	
609066	Weston	MassDOT	Multi-Use Trail Connection (Recreation Road to Upper Charles River Greenway, Including Reconstruction of Pedestrian Bridge)	\$2,661,498	24	24	6	0	0	0	3	3	0	3	0	0	0	0	0	0	0	9	0	5	4	0	0	0	4	1	1	0	2	2	0	0	0	0	0	
Complete Streets																																								
609252	Lynn	Lynn	Rehabilitation of Essex Street	\$16,952,000	61	66	19	5	5	0	4	5	0	17	0	6	6	1	3	1	0	9	2	2	1	2	0	2	8	3	4	1	0	10	3	0	3	0	0	
608051	Wilmington	Wilmington	Reconstruction of Route 38 (Main Street), from Route 62 to the Woburn City Line	\$10,802,316	51	59	15	4	2	3	2	4	0	12	0	2	4	0	3	1	2	13	0	5	2	4	0	2	10	4	3	3	0	1	8	3	1	2	2	
605168	Hingham	Hingham	Intersection Improvements at Route 3A/Summer Street Rotary	\$7,500,001	55	55	10	3	1	0	3	3	0	16	0	4	4	0	3	1	4	17	2	4	4	1	0	6	10	3	2	3	2	0	2	0	0	2	0	
609257	Everett	Everett	Rehabilitation of Beacham Street, from Route 99 to Chelsea City Line	\$9,180,000	54	54	19	1	5	4	4	4	1	10	0	6	0	0	3	1	0	13	0	5	4	0	4	0	4	1	1	0	2	7	1	0	1	0	0	
601704	Newton	Newton	Reconstruction and Signal Improvements on Walnut Street, from Homer Street to Route 9	\$4,648,360	45	45	14	4	3	3	2	2	0	12	0	6	4	0	2	0	0	7	0	0	1	6	0	0	4	-1	1	2	2	0	8	3	2	3	0	
602310	Danvers	Danvers	Reconstruction of Collins Street, from Sylvan Street to Centre and Holten Streets	\$5,183,121	44	44	8	1	2	1	2	2	0	12	0	6	6	0	0	0	0	12	0	4	1	2	1	4	5	2	1	2	0	2	5	1	2	2	0	
608045	Milford	MassDOT	Rehabilitation on Route 16, from Route 109 to Beaver Street	\$2,700,000	43	43	20	5	5	4	2	4	0	7	0	0	4	0	2	1	0	9	1	5	1	0	2	0	-1	-1	-1	1	0	3	5	3	1	1	0	
609054	Littleton	Littleton	Reconstruction of Foster Street	\$3,522,546	37	38	12	1	2	0	3	3	3	3	0	0	0	0	3	0	0	11	0	5	4	2	0	0	5	1	1	1	2	1	6	4	2	0	0	
Intersection Improvements																																								
609253	Wilmington	Wilmington	Intersection Improvements at Lowell Street (Route 129) and Woburn Street	\$3,400,000	49	53	13	2	3	1	3	4	0	12	0	2	6	0	3	0	1	16	0	5	2	0	3	6	9	4	3	2	0	1	2	0	2	0	0	
608889	Framingham	Framingham	Traffic Signal Installation at Edgell Road and Central Street	\$1,680,000	26	41	9	1	2	1	2	3	0	10	0	4	0	0	3	0	3	7	0	3	1	0	1	2	9	3	2	2	2	2	4	0	1	0	3	
609254	Lynn	Lynn	Traffic and Safety Improvements at Two Locations on Broadway	\$5,870,300	34	39	13	3	4	0	2	4	0	13	0	4	6	0	3	0	0	7	0	2	1	2	0	2	2	1	1	0	0	1	3	0	3	0	0	
608436	Ashland	Ashland	Rehabilitation and Rail Crossing Improvements on Cherry Street	\$990,000	38	38	12	1	4	0	1	3	3	10	0	6	0	0	3	1	0	5	0	5	0	0	0	0	2	0	0	0	2	1	8	2	3	0	3	
604231	Marlborough	MassDOT	Intersection and Signal Improvements on Route 20 (East Main Street/Boston Post Road) at Concord Road	\$1,706,600	35	35	5	1	2	0	0	2	0	6	0	4	0	0	2	0	0	8	1	2	0	0	1	4	6	2	1	1	2	3	7	3	3	1	0	
Major Infrastructure																																								
607981	Somerville	Somerville	McGrath Boulevard Project	\$82,500,000	74	74	15	3	4	0	4	4	0	12	0	4	6	0	2	0	0	19	0	5	4	6	0	4	6	1	3	0	2	10	12	4	5	3	0	
609246	Lynn	Lynn	Reconstruction of Western Avenue (Route 107)	\$36,205,000	64	70	17	5	5	0	2	5	0	16	0	4	6	1	3	2	0	14	2	2	1	2	1	6	9	4	5	0	0	10	4	0	3	1	0	
608449	Boston	Boston	Improvements along Commonwealth Avenue (Route 30), from Alcorn Street to Warren/Kelton Streets (Phases 3 and 4)	\$31,036,006	64	64	14	2	1	0	5	3	3	12	0	4	4	0	2	2	0	11	0	0	4	6	1	0	8	2	3	1	2	8	11	4	4	3	0	
605313	Natick	Natick	Bridge Replacement, Route 27 (North Main Street) over Route 9 (Worcester Street) and Interchange Improvements	\$25,897,370	60	60	20	5	5	3	3	4	0	19	3	6	6	0	3	0	1	10	0	4	1	4	1	0	4	-1	1	2	2	1	6	0	3	3	0	
87790	Canton, Westwood	MassDOT	Interchange Improvements at I-95 / I-93 / University Avenue / I-95 Widening	\$202,205,994	48	48	18	5	0	5	4	4	0	6	3	0	0	0	0	0	3	17	0	5	4	4	4	0	-1	-2	-5	4	2	1	7	3	1	3	0	
601513	Saugus	Saugus	Interchange Reconstruction at Walnut Street and Route 1 (Phase II)	\$19,581,123	43	43	11	3	3	0	2	3	0	11	0	4	6	0	0	1	0	9	1	4	1	0	1	2	6	1	1	2	2	2	4	0	1	3	0	
604638	Danvers, Peabody	MassDOT	Mainline Improvements on Route 128 (Phase II)	\$24,031,419	36	36	14	5	4	5	0	0	0	8	3	4	0	0	0	1	0	5	1	0	0	0	2	3	1	1	1	0	3	3	1	1	1	0		

Projects highlighted in BLUE were evaluated for the first time in FFY 2019
All other projects were re-evaluated in FFY 2019 with updated data and project information, where available.
Scores highlighted in RED decreased from initial FFY 2019 evaluation results
Scores highlighted in GREEN increased from initial FFY 2019 evaluation results

**FFYs 2020-24 Transportation Improvement Program (TIP) Development:
First-Tier List (Preliminary)**

Boston Region MPO
2/21/2019

TIP ID	Municipality	Proponent	Project Name	Project Cost	Design Status	Year of PRC Approval	Earliest FFY of Advertising for Construction Contract	MAPC Subregion	MAPC Community Type	MassDOT Highway District	CTPS Study?	Location-Specific L RTP Identified Need?	Relationship to National Highway System	INITIAL TOTAL SCORE (134 Possible Points)	REVISED TOTAL SCORE (134 Possible Points)	Safety Score (30 Possible Points)	System Preservation Score (29 Possible Points)	Capacity Management/Mobility Score (29 Possible Points)	Clean Air/Sustainable Communities Score (16 Possible Points)	Transportation Equity Score (12 Possible Points)	Economic Vitality Score (18 Possible Points)
<i>(Projects grouped by MPO Investment Category)</i>																					
Bicycle/Pedestrian																					
608943	Boston	DCR	Neponset River Greenway (Phase 3)	\$4,972,500	PRC Approved	2017	2024*	ICC	IC	6				42	42	11	4	9	10	7	1
609211	Peabody	Peabody	Independence Greenway Extension	\$1,921,075	PRC Approved	2018	2024	NSTF	RUC	4				31	34	9	4	9	4	4	4
608006	Framingham	MassDOT	Pedestrian Hybrid Beacon Installation at Route 9 and Maynard Road	\$886,228	25% Submitted	2014	2024	MWRC	RUC	3			On NHS	26	26	11	6	2	2	1	4
609066	Weston	MassDOT	Multi-Use Trail Connection (Recreation Road to Upper Charles River Greenway, Including Reconstruction of Pedestrian Bridge)	\$2,661,498	25% Submitted	2018	2024*	MWRC	MS	6				24	24	6	3	9	4	2	0
Complete Streets																					
609252	Lynn	Lynn	Rehabilitation of Essex Street	\$16,952,000	PRC Approved	2018	2024	ICC	RUC	4		Safety	Partially on NHS	61	66	19	17	9	8	10	3
608051	Wilmington	Wilmington	Reconstruction of Route 38 (Main Street), from Route 62 to the Woburn City Line	\$10,802,316	25% Submitted	2014	2023	NSPC	MS	4		CMM	On NHS	51	59	15	12	13	10	1	8
605168	Hingham	Hingham	Intersection Improvements at Route 3A/Summer Street Rotary	\$7,500,001	PRC Approved	2009	2024*	SSC	MS	5	X		Partially on NHS	55	55	10	16	17	10	0	2
609257	Everett	Everett	Rehabilitation of Beacham Street, from Route 99 to Chelsea City Line	\$9,180,000	PRC Approved	2018	2024	ICC	IC	4				54	54	19	10	13	4	7	1
601704	Newton	Newton	Reconstruction and Signal Improvements on Walnut Street, from Homer Street to Route 9	\$4,648,360	25% Submitted	1996	2024*	ICC	IC	6				45	45	14	12	7	4	0	8
602310	Danvers	Danvers	Reconstruction of Collins Street, from Sylvan Street to Centre and Holten Streets	\$5,183,121	75% Approved	1997	2024	NSTF	MS	4				44	44	8	12	12	5	2	5
608045	Milford	MassDOT	Rehabilitation on Route 16, from Route 109 to Beaver Street	\$2,700,000	PRC Approved	2014	2024	SWAP	RUC	3			Partially on NHS	43	43	20	7	9	-1	3	5
609054	Littleton	Littleton	Reconstruction of Foster Street	\$3,522,546	PRC Approved		2024	MAGIC	DS	3				37	38	12	3	11	5	1	6
Intersection Improvements																					
609253	Wilmington	Wilmington	Intersection Improvements at Lowell Street (Route 129) and Woburn Street	\$3,400,000	PRC Approved	2018	2024	NSPC	MS	4	X	CMM	On NHS	49	53	13	12	16	9	1	2
608889	Framingham	Framingham	Traffic Signal Installation at Edgell Road and Central Street	\$1,680,000	25% Submitted	2017	2022	MWRC	RUC	3				26	41	9	10	7	9	2	4
609254	Lynn	Lynn	Traffic and Safety Improvements at Two Locations on Broadway	\$5,870,300	PRC Approved	2018	2024	ICC	RUC	4				34	39	13	13	7	2	1	3
608436	Ashland	Ashland	Rehabilitation and Rail Crossing Improvements on Cherry Street	\$990,000	PRC Approved	2017	2024	MWRC	MS	3				38	38	12	10	5	2	1	8
604231	Marlborough	MassDOT	Intersection and Signal Improvements on Route 20 (East Main Street/Boston Post Road) at Concord Road	\$1,706,600	25% Submitted	2007	2024	MWRC	RUC	3	X		Partially on NHS	35	35	5	6	8	6	3	7
Major Infrastructure																					
607981	Somerville	Somerville	McGrath Boulevard Project	\$82,500,000	PRC Approved	No Date	L RTP 2026-30	ICC	IC	4			On NHS	74	74	15	12	19	6	10	12
609246	Lynn	Lynn	Reconstruction of Western Avenue (Route 107)	\$36,205,000	PRC Approved	2018	In Destination 2040 Universe	ICC	RUC	4		Safety	On NHS	64	70	17	16	14	9	10	4
608449	Boston	Boston	Improvements along Commonwealth Avenue (Route 30), from Alcorn Street to Warren/Kelton Streets (Phases 3 and 4)	\$31,036,006	25% Submitted	2016	In Destination 2040 Universe	ICC	IC	6			On NHS	64	64	14	12	11	8	8	11
605313	Natick	Natick	Bridge Replacement, Route 27 (North Main Street) over Route 9 (Worcester Street) and Interchange Improvements	\$25,897,370	25% Submitted	2011	2024 (L RTP 2021-25)	MWRC	MS	3			On NHS	60	60	20	19	10	4	1	6
87790	Canton, Westwood	MassDOT	Interchange Improvements at I-95 / I-93 / University Avenue / I-95 Widening	\$202,205,994	25% Submitted	2011	In Destination 2040 Universe	TRIC	MS	6		CMM	On NHS	48	48	18	6	17	-1	1	7
601513	Saugus	Saugus	Interchange Reconstruction at Walnut Street and Route 1 (Phase II)	\$19,581,123	75% Submitted	1995	In Destination 2040 Universe	ICC	MS	4			On NHS	43	43	11	11	9	6	2	4
604638	Danvers, Peabody	MassDOT	Mainline Improvements on Route 128 (Phase II)	\$24,031,419	100% Submitted	2005	In Destination 2040 Universe	NSTF	RUC	4			On NHS	36	36	14	8	5	3	3	3

Projects highlighted in BLUE were evaluated for the first time in FFY 2019

All other projects were re-evaluated in FFY 2019 with updated data and project information, where available.

Scores highlighted in RED decreased from initial FFY 2019 evaluation results

Scores highlighted in GREEN increased from initial FFY 2019 evaluation results

CMM: MPO staff noted whether a project may address an identified L RTP capacity management and/or mobility need by comparing project locations to top priority bottleneck locations analyzed for the draft Destination 2040 Needs Assessment.

Safety: Staff noted whether a project may address an identified L RTP safety need by comparing project locations to top all-mode, bicycle, pedestrian, or truck crash cluster locations analyzed for the draft Destination 2040 Needs Assessment.

NHS: These projects may improve bridge or pavement condition or reliability on NHS roadways and thereby improve performance on federally required performance measures pertaining to the NHS.

*Pending confirmation from MassDOT Highway District