

FFYs 2019-23 Transportation Improvement Program (TIP), Project Evaluations (Final)

TIP ID	Municipality	Project Name	Initial Total Score (out of 134)	Revised Total Score (out of 134)	SAFETY (30 possible points)	Crash Rate (up to 5 points)	Crash Severity Value: Equivalent Property Damage Only (EPDO) index (up to 5 points)	Improves truck-related safety issue (up to 5 points)	Improves bicycle safety (up to 5 points)	Improves pedestrian safety (up to 5 points)	Improves safety or removes an at-grade railroad crossing (up to 5 points)	SYSTEM PRESERVATION (29 possible points)	Improves standard roadway bridge(s) (up to 3 points)	Improves substandard pavement (up to 6 points)	Improves substandard traffic signal equipment (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 (29 possible points)	Reduces transit vehicle delay (up to 4 points)	Improves pedestrian network and ADA accessibility (up to 5 points)	Improves bicycle network (up to 4 points)	Improves intermodal accommodations / connections to transit (up to 6 points)	Improves truck movement (up to 4 points)	Reduces vehicle congestion (up to 6 points)	CLEAN AIR/CLEAN COMMUNITIES (16 possible points)	Reduces CO2 (up to 5 points)	Reduces other transportation-related emissions (VOC, Nox, CO) (up to 5 points)	Addresses environmental impacts (up to 4 points)	Is in an EOEEA-certified "Green Community" (up to 2 points)	TRANSPORTATION EQUITY (12 possible points)	ECONOMIC VITALITY (18 possible points)	Serves targeted development site (up to 6 points)	Provides for development consistent with the compact growth strategies of MetroFuture (up to 5 points)	Provides multimodal access to an activity center (up to 4 points)	Leverages other investments (non-TIP funding) (up to 3 points)		
<b>Bicycle/Pedestrian</b>																																							
608006	Framingham (MassDOT)	Pedestrian Hybrid Beacon Installation at Route 9 and Maynard Road	27	27	12	4	2	0	0	5	1	6	0	0	4	0	0	1	1	2	0	2	0	0	0	0	0	2	0	0	0	2	1	4	0	2	2	0	
<b>Complete Streets</b>																																							
608348	Beverly	Rehabilitation of Bridge St.	59	66	13	2	3	2	3	3	0	14	0	6	4	0	3	1	0	16	1	3	2	4	0	6	9	3	3	1	2	4	10	4	3	3	0		
608933	Peabody	Rehabilitation of Central Street	58	61	21	5	5	3	3	5	0	17	0	5	6	0	3	1	2	9	1	2	1	0	1	4	3	2	1	0	0	7	4	0	3	1	0		
608275	Malden	Exchange Street Downtown Improvement Project	57	59	10	2	1	0	2	5	0	10	0	6	0	0	3	1	0	12	0	4	2	6	0	0	5	1	1	1	2	10	12	4	3	2	3		
605168	Hingham	Summer Street/Rockland Street Roadway and Streetscape Improvements	51	52	10	1	3	0	3	3	0	16	0	4	4	0	3	1	4	16	2	4	3	1	0	6	8	3	2	3	0	0	2	0	0	2	0		
608045	Milford	Rehabilitation on Route 16 (East Main Street) from Route 109 to Beaver Street	49	49	21	5	5	4	3	4	0	8	0	0	4	0	3	1	0	9	1	4	2	0	2	0	3	1	1	1	0	3	5	3	1	1	0		
605743	Ipswich	Resurfacing and related work on Central and South Main Sts.	39	47	11	3	2	2	2	2	0	10	0	4	0	0	3	1	2	10	0	5	1	4	0	0	6	1	1	4	0	2	8	3	3	2	0		
602310	Danvers	Reconstruction on Collins St.	46	46	6	0	1	1	2	2	0	12	0	6	6	0	0	0	0	12	0	4	1	2	1	4	7	2	1	2	2	2	7	3	2	2	0		
607244	Winthrop	Revere Street Roadway Improvements	46	46	10	2	3	0	2	3	0	14	0	6	4	0	3	1	0	5	0	2	2	0	1	0	8	3	3	0	2	4	5	0	3	0	2		
608887	Bellingham	South Main Street (Route 126) - Douglas Drive to Mechanic Street Reconstruction (Route 140)	37	45	12	3	3	1	2	3	0	12	0	4	4	0	3	1	0	12	1	5	1	2	1	2	5	1	1	3	0	0	4	0	1	2	1		
601704	Newton	Reconstruction and signal improvements on Walnut St.	43	43	11	2	4	1	2	2	0	12	0	6	4	0	2	0	0	7	0	0	1	6	0	0	4	-1	1	2	2	0	9	4	2	3	0		
608007	Cohasset	Corridor Improvements and Related Work on Justice Cushing Highway (Route 3A), from Beechwood	37	37	16	3	3	3	3	4	0	4	0	0	4	0	0	0	0	8	0	5	1	1	1	0	5	1	1	1	2	1	3	0	1	2	0		
607899	Dedham	Pedestrian improvements along Bussey St.	23	35	5	1	1	0	1	2	0	8	1	0	2	0	3	1	1	5	0	2	2	0	1	0	5	1	1	1	2	7	5	0	3	2	0		
608707	Quincy	Reconstruction of Sea Street	31	31	9	2	3	0	1	3	0	13	0	5	4	0	3	1	0	4	0	2	1	0	1	0	3	-1	1	1	2	1	1	0	1	0	0		
<b>Intersection Improvements</b>																																							
603739	Wrentham (MassDOT)	Construction of I-495/Route 1A ramps	55	55	23	5	5	5	4	4	0	11	0	4	4	0	3	0	0	12	0	3	1	0	2	6	9	5	4	0	0	0	0	0	0	0	0		
607305	Reading (MassDOT)	Intersection Signalization at Route 28 & Hopkins Street	38	38	10	5	1	0	0	4	0	12	0	4	4	0	2	1	1	5	0	2	0	0	1	2	2	1	1	0	0	2	7	2	3	2	0		
607249	Sudbury (MassDOT)	Intersection improvements at Route 20 and Landham Rd.	36	36	14	3	2	3	3	3	0	7	0	4	0	0	3	0	0	4	0	0	1	0	1	2	5	1	1	1	2	1	5	3	0	2	0		
608443	Littleton, Ayer (MassDOT)	Intersection Improvements on Route 2A at Willow Road and Bruce Street	36	36	17	5	2	3	3	4	0	4	0	4	0	0	0	0	0	9	0	4	1	0	2	2	4	1	1	0	2	1	1	0	1	0	0		
604231	Marlborough	Intersection and signal improvements on Route 20 (East Main St./Boston Post Rd.) at Concord Rd.	34	34	7	4	1	0	0	2	0	6	0	4	0	0	2	0	0	6	1	0	0	0	1	4	7	2	2	1	2	3	5	3	1	1	0		
<b>Major Infrastructure</b>																																							
605313	Natick (MassDOT)	Bridge replacement, Route 27 (North Main St.) over Route 9 (Worcester St.)	58	58	20	5	5	3	3	4	0	19	3	6	6	0	3	0	1	10	0	4	1	4	1	0	2	-1	-1	2	2	1	6	0	3	3	0		
607981	Somerville	McGrath Boulevard project	68	68	13	2	3	0	4	4	0	14	0	6	6	0	2	0	0	11	0	0	1	6	0	4	8	3	3	0	2	10	12	4	5	3	0		
608449	Boston	Commonwealth Avenue, phases 3 and 4	66	66	16	1	3	0	5	4	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		
87790	Canton, Westwood (MassDOT)	Interchange Improvements at I-95/I-93/University Avenue/I-95 Widening	45	45	19	1	5	5	4	4	0	6	3	0	0	0	0	0	3	14	0	4	3	4	3	0	-1	-2	-5	4	2	0	7	3	1	3	0		
601513	Saugus (MassDOT)	Interchange reconstruction at Walnut St. and Route 1 (phase II)	46	46	13	4	4	2	3	0	13	0	6	6	0	0	1	0	0	9	1	4	1	0	1	2	6	1	1	2	2	1	4	0	1	3	0		
604638	Peabody (MassDOT)	Mainline improvements on Route 128 (phase II)	36	36	12	3	5	4	0	0	0	10	3	6	0	0	0	1	0	5	1	0	0	0	2	2	3	1	1	1	0	3	3	1	1	1	0		

Key: BLUE text = newly evaluated project, RED text = change in score from initial evaluation, BOLD text = project is in LRTP

FFYs 2019-23 Transportation Improvement Program (TIP), Project Evaluations (Final) and Summary Information

TIP ID	Municipality	Project Name	MAPC Subregion	MAPC Community Type	MassDOT Highway District	Estimated Construction Cost	Design Status	Year of PRC Approval	Earliest FFY of Advertising for Construction Contract	CTPS Study?	Location-Specific LRTP identified need?	Initial Total Score (out of 134)	Revised Total Score (out of 134)	SAFETY (30 possible points)	SYSTEM PRESERVATION (29 possible points)	CAPACITY MANAGEMENT/MOBILITY (29 possible points)	CLEAN AIR/CLEAN COMMUNITIES (16 possible points)	TRANSPORTATION EQUITY (12 possible points)	ECONOMIC VITALITY (18 possible points)
<b>Bicycle/Pedestrian</b>																			
608006	Framingham (MassDOT)	Pedestrian Hybrid Beacon Installation at Route 9 and Maynard Road	MWRC	RUC	3	\$886,228	25% submitted	2014	FFY 21			27	27	12	6	2	2	1	4
<b>Complete Streets</b>																			
608348	Beverly	Rehabilitation of Bridge St.	NSTF	RUC	4	\$5,280,000	25% submitted	2016	FFY 20			59	66	13	14	16	9	4	10
608933	Peabody	Rehabilitation of Central Street	NSTF	RUC	4	\$9,660,000	PRC approved	2017	FFY 23			58	61	21	17	9	3	7	4
608275	Malden	Exchange Street Downtown Improvement Project	ICC	IC	4	\$1,290,587	PRC approved	2016	FFY 22			57	59	10	10	12	5	10	12
605168	Hingham	Summer Street/Rockland Street Roadway and Streetscape Improvements	SSC	MS	5	\$7,500,000	PRC approved	2009	FFY 22	X	CMM	51	52	10	16	16	8	0	2
608045	Milford	Rehabilitation on Route 16 (East Main Street) from Route 109 to Beaver Street	SWAP	RUC	3	\$2,700,000	PRC approved	2014	FFY 23		Safety	49	49	21	8	9	3	3	5
605743	Ipswich	Resurfacing and related work on Central and South Main Sts.	NSTF	DS	4	\$2,603,060	25% submitted	2009	FFY 22			39	47	11	10	10	6	2	8
602310	Danvers	Reconstruction on Collins St.	NSTF	MS	4	\$7,300,000	75% approved	1997	FFY 19			46	46	6	12	12	7	2	7
607244	Winthrop	Revere Street Roadway Improvements	ICC	IC	6	\$3,500,000	PRC approved	2012	FFY 23			46	46	10	14	5	8	4	5
608887	Bellingham	South Main Street (Route 126) - Douglas Drive to Mechanic Street Reconstruction (Route 140)	SWAP	DS	3	\$6,000,000	25% submitted	2017	FFY 23			37	45	12	12	12	5	0	4
601704	Newton	Reconstruction and signal improvements on Walnut St.	ICC	IC	6	\$4,648,360	25% submitted	1996	FFY 20			43	43	11	12	7	4	0	9
608007	Cohasset	Corridor Improvements and Related Work on Justice Cushing Highway (Route 3A), from Beechwood	SSC	DS	5	\$4,000,200	25% submitted	2014	FFY 22	X	CMM	37	37	16	4	8	5	1	3
607899	Dedham	Pedestrian improvements along Bussey St.	TRIC	MS	6	\$3,902,755	25% submitted	2014	FFY 21			23	35	5	8	5	5	7	5
608707	Quincy	Reconstruction of Sea Street	ICC	RUC	6	\$5,626,081	25% submitted	2016	FFY 23			31	31	9	13	4	3	1	1
<b>Intersection Improvements</b>																			
603739	Wrentham (MassDOT)	Construction of I-495/Route 1A ramps	SWAP	DS	5	\$7,554,557	PRC approved	2002	FFY 22	X	Safety	55	55	23	11	12	9	0	0
607305	Reading (MassDOT)	Intersection Signalization at Route 28 & Hopkins Street	NSPC	MS	4	\$843,976	25% approved	2012	FFY 21	X		38	38	10	12	5	2	2	7
607249	Sudbury (MassDOT)	Intersection improvements at Route 20 and Landham Rd.	MAGIC	MS	3	\$2,100,000	100% submitted	2013	FFY 19	X		36	36	14	7	4	5	1	5
608443	Littleton, Ayer (MassDOT)	Intersection Improvements on Route 2A at Willow Road and Bruce Street	MAGIC	DS	3	\$2,200,000	PRC approved	2016	FFY 23			36	36	17	4	9	4	1	1
604231	Marlborough	Intersection and signal improvements on Route 20 (East Main St./Boston Post Rd.) at Concord Rd.	MWRC	RUC	3	\$2,500,000	PRC approved	2007	FFY 21	X	Safety	34	34	7	6	6	7	3	5
<b>Major Infrastructure</b>																			
605313	Natick (MassDOT)	Bridge replacement, Route 27 (North Main St.) over Route 9 (Worcester St.)	MWRC	MS	3	\$20,700,000	25% submitted	2011	LRTP 2021-25		Safety, CMM	58	58	20	19	10	2	1	6
607981	Somerville	McGrath Boulevard project	ICC	IC	4	\$82,500,000	PRC approved	No Date	LRTP 2026-30		Safety	68	68	13	14	11	8	10	12
608449	Boston	Commonwealth Avenue, phases 3 and 4	ICC	IC	6	\$23,000,000	PRC approved	2016	Not Programmed			66	66	16	12	11	8	8	11
87790	Canton, Westwood (MassDOT)	Interchange Improvements at I-95/I-93/University Avenue/I-95 Widening	TRIC	MS	6	\$189,750,000	25% submitted	2011	Not Programmed		CMM	45	45	19	6	14	-1	0	7
601513	Saugus (MassDOT)	Interchange reconstruction at Walnut St. and Route 1 (phase II)	ICC	MS	4	\$19,581,123	75% submitted	1995	Not Programmed		Safety, CMM	46	46	13	13	9	6	1	4
604638	Peabody (MassDOT)	Mainline improvements on Route 128 (phase II)	NSTF	RUC	4	\$25,082,496	100% submitted	2005	Not Programmed			36	36	12	10	5	3	3	3

Key: BLUE text = newly evaluated project, BOLD text = project is in LRTP

LRTP Needs Assessment: Safety = included in list of top 25 Highway Crash Locations and/or list of locations with multiple safety needs; CMM = Capacity Management and Mobility need included in the list of priority bicycle gaps or priority congested locations.

Community Types: DS = developing suburb, IC = inner core, MS = maturing suburb, RUC = regional urban center