

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

REVISED 2/16/18

| 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 substandard 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 EOEAA-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) | | |
|----------------------------------|----------------------------|---|----------------------------------|----------------------------------|-----------------------------|-----------------------------|---|--|--|---|---|--|---|--|--|--|---|--|--|---|--|--|---|--|--|---|--|------------------------------|--|--|---|--|--|---|--|---|--|---|--|
| Bicycle/Pedestrian | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | |
| Complete Streets | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | |
| 607244 | Winthrop | Revere Street Roadway Improvements | 46 | 54 | 11 | 2 | 3 | 1 | 2 | 3 | 0 | 14 | 0 | 6 | 4 | 0 | 3 | 1 | 0 | 12 | 1 | 2 | 2 | 2 | 1 | 4 | 8 | 3 | 3 | 0 | 2 | 4 | 5 | 0 | 3 | 0 | 2 | | |
| 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 | | |
| 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 | | |
| Intersection Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | |
| Major Infrastructure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 draft evaluation, BOLD text = project is in LRTP

FFYs 2019-23 Transportation Improvement Program (TIP), Project Evaluations (Final) and Summary Information
REVISED 2/16/18

For Discussion
 Boston Region MPO, February 15, 2018

| TIP ID | Municipality | Project Name | MAPC Subregion | MAPC Community Type | MassDOT Highway District | Estimated Construction Cost | Design Status | Earliest FFY of Advertising for Construction Contract | CTPS Study? | L RTP 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) |
|----------------------------------|----------------------------|---|----------------|---------------------|--------------------------|-----------------------------|----------------|---|-------------|------------------------|----------------------------------|----------------------------------|-----------------------------|--|---|--|--|--|
| Bicycle/Pedestrian | | | | | | | | | | | | | | | | | | |
| 608006 | Framingham (MassDOT) | Pedestrian Hybrid Beacon Installation at Route 9 and Maynard Road | MWRC | RUC | 3 | \$886,228 | 25% submitted | FFY 21 | | | 27 | 27 | 12 | 6 | 2 | 2 | 1 | 4 |
| Complete Streets | | | | | | | | | | | | | | | | | | |
| 608348 | Beverly | Rehabilitation of Bridge St. | NSTF | RUC | 4 | \$5,280,000 | 25% submitted | FFY 20 | | | 59 | 66 | 13 | 14 | 16 | 9 | 4 | 10 |
| 608933 | Peabody | Rehabilitation of Central Street | NSTF | RUC | 4 | \$9,660,000 | PRC approved | 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 | FFY 22 | | | 57 | 59 | 10 | 10 | 12 | 5 | 10 | 12 |
| 607244 | Winthrop | Revere Street Roadway Improvements | ICC | IC | 6 | \$3,500,000 | PRC approved | FFY 23 | | | 46 | 54 | 11 | 14 | 12 | 8 | 4 | 5 |
| 605168 | Hingham | Summer Street/Rockland Street Roadway and Streetscape Improvements | SSC | MS | 5 | \$7,500,000 | PRC approved | 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 | 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 | FFY 22 | | | 39 | 47 | 11 | 10 | 10 | 6 | 2 | 8 |
| 602310 | Danvers | Reconstruction on Collins St. | NSTF | MS | 4 | \$7,300,000 | 75% approved | FFY 19 | | | 46 | 46 | 6 | 12 | 12 | 7 | 2 | 7 |
| 608887 | Bellingham | South Main Street (Route 126) - Douglas Drive to Mechanic Street Reconstruction (Route 140) | SWAP | DS | 3 | \$6,000,000 | 25% submitted | 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 | 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 | 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 | FFY 21 | | | 23 | 35 | 5 | 8 | 5 | 5 | 7 | 5 |
| 608707 | Quincy | Reconstruction of Sea Street | ICC | RUC | 6 | \$5,626,081 | PRC approved | FFY 23 | | | 31 | 31 | 9 | 13 | 4 | 3 | 1 | 1 |
| Intersection Improvements | | | | | | | | | | | | | | | | | | |
| 603739 | Wrentham (MassDOT) | Construction of I-495/Route 1A ramps | SWAP | DS | 5 | \$7,554,557 | PRC approved | 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 | 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 | 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 | 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 | FFY 21 | X | Safety | 34 | 34 | 7 | 6 | 6 | 7 | 3 | 5 |
| Major Infrastructure | | | | | | | | | | | | | | | | | | |
| 605313 | Natick (MassDOT) | Bridge replacement, Route 27 (North Main St.) over Route 9 (Worcester St.) | MWRC | MS | 3 | \$20,700,000 | 25% submitted | L RTP 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 | L RTP 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 | 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 | 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 | 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 | Not Programmed | | | 36 | 36 | 12 | 10 | 5 | 3 | 3 | 3 |

Key: BLUE text = newly evaluated project, RED text = change in score from draft evaluation, BOLD text = project is in L RTP