

# 2018 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼                         | STIP Program ▼                         | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼  | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼      | Non-Federal Funds ▼  | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|---|--|----------------------|--------------------------------------|---------------------|--|--------------------|------------------|--------------------------|----------------------|----------------------|--|
| <b>► Section 1A / Regionally Prioritized Projects</b> |  |                      |                                      |                     |  |                    |                  |                          |                      |                      |  |
| <b>► Regionally Prioritized Projects</b>              |  |                      |                                      |                     |  |                    |                  |                          |                      |                      |  |
|   | Roadway reconstruction program         | 600518               | Boston Region                        | Hingham             | HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET   | 5                  | HSIP             | \$ 611,547               | \$ 550,392           | \$ 61,155            | Construction; STP+HSIP Total Cost = \$2,844,392; MPO Evaluation Score = 28   |
|   | Roadway reconstruction program         | 600518               | Boston Region                        | Hingham             | HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET   | 5                  | STP              | \$ 2,232,845             | \$ 1,786,276         | \$ 446,569           | Construction; STP+HSIP Total Cost = \$2,844,392; MPO Evaluation Score = 28   |
|   | Planning / Adjustments / Pass-throughs | 1570                 | Boston Region                        | Multiple            | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR   | 6                  | CMAQ             | \$ 13,427,220            | \$ 10,741,776        | \$ 2,685,444         | Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; AC Yr 3 of 6   |
|   | Planning / Adjustments / Pass-throughs | 1570                 | Boston Region                        | Multiple            | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR   | 6                  | STP              | \$ 33,072,780            | \$ 26,458,224        | \$ 6,614,556         | Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; AC Yr 3 of 6   |
|   | Roadway reconstruction program         | 604989               | Boston Region                        | Southborough        | SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET   | 6                  | CMAQ             | \$ 1,000,000             | \$ 800,000           | \$ 200,000           | Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; MPO Evaluation Score = 42   |
|   | Roadway reconstruction program         | 604989               | Boston Region                        | Southborough        | SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET   | 3                  | TAP              | \$ 1,456,250             | \$ 1,165,000         | \$ 291,250           | Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; MPO Evaluation Score = 42   |
|   | Roadway reconstruction program         | 604989               | Boston Region                        | Southborough        | SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET   | 3                  | STP              | \$ 4,815,440             | \$ 3,852,352         | \$ 963,088           | Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; MPO Evaluation Score = 42   |
|   | Roadway reconstruction program         | 605110               | Boston Region                        | Brookline           | BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)  | 6                  | CMAQ             | \$ 1,000,000             | \$ 800,000           | \$ 200,000           | Construction; TAP+STP+CMAQ+Private Sector Contribution (\$1,000,000) = \$7,000,834; MPO Evaluation Score = 68  |
|   | Roadway reconstruction program         | 605110               | Boston Region                        | Brookline           | BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)  | 6                  | TAP              | \$ 1,255,000             | \$ 1,004,000         | \$ 251,000           | Construction; TAP+STP+CMAQ+Private Sector Contribution (\$1,000,000) = \$7,000,834; MPO Evaluation Score = 68  |
|   | Roadway reconstruction program         | 605110               | Boston Region                        | Brookline           | BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)  | 6                  | STP              | \$ 3,745,834             | \$ 2,996,667         | \$ 749,167           | Construction; TAP+STP+CMAQ+Private Sector Contribution (\$1,000,000) = \$7,000,834; MPO Evaluation Score = 68  |
|   | Capacity program                       | 601630               | Boston Region                        | Multiple            | WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA) | 6                  | STP              | \$ 27,631,758            | \$ 22,105,406        | \$ 5,526,352         | Construction; STP+NHPP+HSIP+TEA-21 Earmark+BR Total Cost = \$81,812,268; AC Yr 3 of 3 project originally funded into FFY 2019, but all remaining funding was transferred into FFY 2018)  |
|   | Capacity program                       | 603711               | Boston Region                        | Multiple            | NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13-023 (ADD-A-LANE - CONTRACT V)                          | 6                  | NHPP             | \$ 1,988,367             | \$ 1,590,694         | \$ 397,673           | Construction; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$1,988,367 programmed within FFYs 2018-22 TIP)   |
|   | Bicycles and pedestrians program       | 608352               | Boston Region                        | Salem               | SALEM- CANAL STREET RAIL TRAIL CONSTRUCTION (PHASE 2)  | 4                  | TAP              | \$ 2,787,456             | \$ 2,229,965         | \$ 557,491           | Construction; TAP Total Cost = \$2,787,456; MPO Evaluation Score = 37  |
| Regionally Prioritized Projects subtotal ►            |  |                      |                                      |                     |  |                    |                  | <b>\$ 95,024,497</b>     | <b>\$ 76,080,752</b> | <b>\$ 18,943,745</b> | <b>◀ 80% Federal + 20% Non-Federal</b>   |

# 2018 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼ | STIP Program ▼ | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|

## Section 1A / Fiscal Constraint Analysis

**Section 1A Instructions:** MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculates. Please verify the amount and only change if needed for flex. Column K) Non-federal funds autocalculates. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format.

|  |               |               |                |                |                               |
|--|---------------|---------------|----------------|----------------|-------------------------------|
| <b>Total Regional Federal Aid Funds Programmed ▶</b> | \$ 95,024,497 | \$ 95,038,936 | ◀ Total Budget | \$ 14,439      | <b>Target Funds Available</b> |
| STP programmed ▶                                     | \$ 73,487,024 | \$ 77,071,365 | ◀ Max STP      | \$ 3,584,341   | STP available                 |
| HSIP programmed ▶                                    | \$ 611,547    | \$ 4,296,710  | ◀ Min. HSIP    | \$ 3,685,163   | HSIP recommended not met      |
| CMAQ programmed ▶                                    | \$ 15,427,220 | \$ 10,741,776 | ◀ Min. CMAQ    | \$ (4,685,444) | CMAQ recommended met          |
| TAP programmed ▶                                     | \$ 5,498,706  | \$ 2,929,085  | ◀ Min. TAP     | \$ (2,569,621) | TAP amount exceeded!          |
| <b>Remaining HSIP, CMAQ, and TAP Funds</b>           | \$ 14,439     |               |                |                |                               |

## Section 1B / Earmark or Discretionary Grant Funded Projects

### Other Federal Aid

| Earmark Discretionary               | Project # | Region        | Municipality   | Description   | District | Funding Source | Total        | Federal      | Non-Federal | Notes                                    |
|-------------------------------------|-----------|---------------|----------------|---|----------|----------------|--------------|--------------|-------------|--|
| Earmark Discretionary               | 606134    | Boston Region | Boston         | BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET | 6        | HPP            | \$ 2,501,046 | \$ 2,000,837 | \$ 500,209  | Construction; HPP 2129 (MA155)           |
| Earmark Discretionary               | Project # | Boston        | Municipalities | Description   | District | HPP            | \$ -         | \$ -         | \$ -        |  |
| <b>Other Federal Aid subtotal ▶</b> |           |               |                |   |          |                | \$ 2,501,046 | \$ 2,000,837 | \$ 500,209  | ◀ Funding Split Varies by Funding Source |

## Section 2A / State Prioritized Reliability Projects

### Bridge Program / Inspections

| Bridge Program                                 | Project # | Statewide | N/A | Bridge Inspection | Multiple | NHPP | Total | Federal | Non-Federal | Notes                                    |
|--|-----------|-----------|-----|-------------------|----------|------|-------|---------|-------------|--|
| Bridge Program                                 |           |           |     | Bridge Inspection | Multiple | NHPP | \$ -  | \$ -    | \$ -        |  |
| <b>Bridge Program / Inspections subtotal ▶</b> |           |           |     |                   |          |      | \$ -  | \$ -    | \$ -        | ◀ Funding Split Varies by Funding Source |

### Bridge Program / Off-System

| Bridge Program                                | Project # | Region        | Multiple   | Description  | District | Funding Source | Total         | Federal       | Non-Federal  | Notes                           |
|---|-----------|---------------|------------|--|----------|----------------|---------------|---------------|--------------|---------------------------------|
| Bridge Program                                | 606632    | Boston Region | Multiple   | HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER | 3        | STP-BR-OFF     | \$ 12,993,071 | \$ 10,394,457 | \$ 2,598,614 | Construction                    |
| Bridge Program                                | 604655    | Boston Region | Marshfield | MARSHFIELD- BRIDGE REPLACEMENT, M-07-007, BEACH STREET OVER THE CUT RIVER                            | 5        | STP-BR-OFF     | \$ 4,189,856  | \$ 3,351,884  | \$ 837,971   | Construction                    |
| Bridge Program                                | 607533    | Boston Region | Waltham    | WALTHAM- BRIDGE REPLACEMENT, W-04-006, WOERD AVENUE OVER CHARLES RIVER                               | 4        | STP-BR-OFF     | \$ 2,197,943  | \$ 1,758,354  | \$ 439,589   | Construction                    |
| <b>Bridge Program / Off-System subtotal ▶</b> |           |               |            |  |          |                | \$ 19,380,870 | \$ 15,504,696 | \$ 3,876,174 | ◀ 80% Federal + 20% Non-Federal |

### Bridge Program / On-System (NHS)

| Bridge Program                                     | Project # | Region        | Multiple | Description   | District | Funding Source | Total         | Federal       | Non-Federal   | Notes   |
|--|-----------|---------------|----------|---|----------|----------------|---------------|---------------|---------------|---|
| Bridge Program                                     | 604952    | Boston Region | Multiple | LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE) | 4        | NHPP-On        | \$ 51,527,391 | \$ 41,221,913 | \$ 10,305,478 | Construction  |
| Bridge Program                                     | 604173    | Boston Region | Boston   | BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR                     | 6        | NHPP-On        | \$ 42,000,000 | \$ 33,600,000 | \$ 8,400,000  | Construction / AC Year 2 of 5, Total Cost \$144,066,616 |
| <b>Bridge Program / On-System (NHS) subtotal ▶</b> |           |               |          |   |          |                | \$ 93,527,391 | \$ 74,821,913 | \$ 18,705,478 | ◀ Funding Split Varies by Funding Source                |

### Bridge Program / On-System (Non-NHS)

| Bridge Program   | Project # | MPO | N/A | Description | District | Funding Source | Total | Federal | Non-Federal | Notes                           |
|--|-----------|-----|-----|-------------|----------|----------------|-------|---------|-------------|---------------------------------|
| Bridge Program   |           |     |     | Description | District | NHPP-Off       | \$ -  | \$ -    | \$ -        |                                 |
| <b>Bridge Program / On-System (Non-NHS) subtotal ▶</b> |           |     |     |             |          |                | \$ -  | \$ -    | \$ -        | ◀ 80% Federal + 20% Non-Federal |

### Bridge Program / Systematic Maintenance

| Bridge Program  | Project # | Region        | Multiple | Description  | District | Funding Source | Total        | Federal      | Non-Federal | Notes                                    |
|---|-----------|---------------|----------|--|----------|----------------|--------------|--------------|-------------|--|
| Bridge Program  | 607915    | Boston Region | Multiple | NEWTON- WELLESLEY- WESTON- BRIDGE MAINTENANCE OF N-12-063, N-12-054, N-12-055 & N-12-056 ON I-95/ROUTE 128 | 6        | NHPP-On        | \$ 1,596,667 | \$ 1,277,334 | \$ 319,333  | Construction                             |
| Bridge Program  | 608521    | Boston Region | Salem    | SALEM- BRIDGE MAINTENANCE, S-01-018 (32T), (ST 114) NORTH STREET OVER (ST 107) BRIDGE STREET & MBTA        | 4        | NHPP-Off       | \$ 2,400,000 | \$ 1,920,000 | \$ 480,000  | Construction                             |
| <b>Bridge Program / Systematic Maintenance subtotal ▶</b> |           |               |          |  |          |                | \$ 3,996,667 | \$ 3,197,334 | \$ 799,333  | ◀ Funding Split Varies by Funding Source |

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| Amendment / Adjustment Type ▼                                  | STIP Program ▼                     | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼  | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|--|------------------------------------|----------------------|--------------------------------------|---------------------|--|--------------------|------------------|--------------------------|-----------------|---------------------|--|
| <b>► Interstate Pavement</b>                                   |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Interstate Pavement                | 608823               | Boston Region                        | Multiple            | WELLESLEY- NEWTON- WESTON- PAVEMENT RESURFACING AND RELATED WORK ON I-95   | 6                  | NHPP             | \$ 6,074,640             | \$ 5,467,176    | \$ 607,464          | Construction   |
| Interstate Pavement subtotal ►                                 |                                    |                      |                                      |                     |  |                    |                  | \$ 6,074,640             | \$ 5,467,176    | \$ 607,464          | ◀ 90% Federal + 10% Non-Federal  |
| <b>► Non-Interstate Pavement</b>                               |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Non-Interstate Pavement            | 608008               | Boston Region                        | Saugus              | SAUGUS- RESURFACING AND RELATED WORK ON ROUTE 1  | 4                  | NHPP             | \$ 9,812,880             | \$ 7,850,304    | \$ 1,962,576        | Construction   |
|  | Non-Interstate Pavement            | 608478               | Boston Region                        | Concord             | CONCORD- RESURFACING AND RELATED WORK ON ROUTE 2   | 4                  | NHPP             | \$ 4,248,000             | \$ 3,398,400    | \$ 849,600          | Construction   |
|  | Non-Interstate Pavement            | 608379               | Boston Region                        | Multiple            | LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE- PAVEMENT PRESERVATION ON ROUTE 2   | 4                  | NHPP             | \$ 8,437,000             | \$ 6,749,600    | \$ 1,687,400        | Construction / Includes \$1,040,000 of stormwater improvements   |
|  | Non-Interstate Pavement            | 608069               | Boston Region                        | Multiple            | MARSHFIELD- PEMBROKE- NORWELL- HANOVER- ROCKLAND- HINGHAM- RESURFACING & RELATED WORK ON ROUTE 3   | 5                  | NHPP             | \$ 13,876,216            | \$ 11,100,973   | \$ 2,775,243        | Construction / Includes \$400,000 of stormwater improvements   |
| Non-Interstate Pavement subtotal ►                             |                                    |                      |                                      |                     |  |                    |                  | \$ 36,374,096            | \$ 29,099,277   | \$ 7,274,819        | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Roadway Improvements</b>                                  |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Roadway Improvements               | Project #            | MPO                                  | Multiple            | Description  | District           | STP              | \$ -                     | \$ -            | \$ -                |  |
| Roadway Improvements subtotal ►                                |                                    |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Safety Improvements</b>                                   |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Safety Improvements                | 606381               | Boston Region                        | Multiple            | ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2   | 4                  | STP              | \$ 9,100,506             | \$ 7,280,405    | \$ 1,820,101        | Construction   |
| Safety Improvements subtotal ►                                 |                                    |                      |                                      |                     |  |                    |                  | \$ 9,100,506             | \$ 7,280,405    | \$ 1,820,101        | ◀ Funding Split Varies by Funding Source   |
| <b>► Section 2B / State Prioritized Modernization Projects</b> |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
| <b>► ADA Retrofits</b>   |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | ADA Retrofits                      | Project #            | MPO                                  | Municipalities      | Description  | District           | STP              | \$ -                     | \$ -            | \$ -                |  |
| ADA Retrofits subtotal ►                                       |                                    |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Intersection Improvements</b>                             |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Intersection Improvements          | 608651               | Boston Region                        | Braintree           | BRAINTREE- ADAPTIVE SIGNAL CONTROLS ON ROUTE 37 (GRANITE STREET)   | 6                  | CMAQ             | \$ 500,000               | \$ 400,000      | \$ 100,000          | Construction   |
| Intersection Improvements subtotal ►                           |                                    |                      |                                      |                     |  |                    |                  | \$ 500,000               | \$ 400,000      | \$ 100,000          | ◀ Funding Split Varies by Funding Source   |
| <b>► Intelligent Transportation Systems</b>                    |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Intelligent Transportation Systems | Project #            | Statewide                            | Multiple            | Description  | Multiple           | NHPP             | \$ -                     | \$ -            | \$ -                |  |
| Intelligent Transportation System subtotal ►                   |                                    |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Roadway Reconstruction</b>                                |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Roadway Reconstruction             | Project #            | MPO                                  | N/A                 | Description  | District           | CMAQ             | \$ -                     | \$ -            | \$ -                |  |
| Roadway Reconstruction subtotal ►                              |                                    |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Section 2C / State Prioritized Expansion Projects</b>     |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
| <b>► Bicycles and Pedestrians</b>                              |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Bicycles and Pedestrians           | 607732               | Boston Region                        | Multiple            | FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & F-07-033=N-03-029 OVER ROUTE 30 | 3                  | CMAQ             | \$ 9,770,863             | \$ 7,816,690    | \$ 1,954,173        | Construction / PSAC score 35.5   |
| Bicycles and Pedestrians subtotal ►                            |                                    |                      |                                      |                     |  |                    |                  | \$ 9,770,863             | \$ 7,816,690    | \$ 1,954,173        | ◀ 80% Federal + 20% Non-Federal  |

# 2018 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼ | STIP Program ▼ | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|

## ► Capacity

| Capacity | Project # | MPO | Municipalities | Description | District | CMAQ | \$                  | -  | \$ | -  | \$ | -  |   |  |
|----------|-----------|-----|----------------|-------------|----------|------|---------------------|----|----|----|----|----|---|--|
|          |           |     |                |             |          |      | Capacity subtotal ► | \$ | -  | \$ | -  | \$ | - | ◀ Funding Split Varies by Funding Source |

## ► Section 3 / Planning / Adjustments / Pass-throughs

### ► Planning / Adjustments / Pass-throughs

| Planning / Adjustments / Pass-throughs | Project # | Statewide | Multiple | Description | Multiple | NHPP | \$                               | -  | \$ | -  | \$ | -  |   |  |
|--|-----------|-----------|----------|-------------|----------|------|----------------------------------|----|----|----|----|----|---|--|
|  |           |           |          |             |          |      | Other Statewide Items subtotal ► | \$ | -  | \$ | -  | \$ | - | ◀ Funding Split Varies by Funding Source |

## ► Section 4 / Non-Federally Aided Projects

### ► Non-Federally Aided Projects

| Non Federal Aid | Project # | MPO | Municipalities | Description | District | NFA | \$                         | -  | \$ | -  |   |                    |
|-----------------|-----------|-----|----------------|-------------|----------|-----|----------------------------|----|----|----|---|--------------------|
|                 |           |     |                |             |          |     | Non-Federal Aid subtotal ► | \$ | -  | \$ | - | ◀ 100% Non-Federal |

## 2018 Summary

|                     | TIP Section 1 - 3: ▼ | TIP Section 4: ▼ | Total of All Projects ▼ |  |
|---------------------|----------------------|------------------|-------------------------|--|
| Total ►             | \$ 276,250,576       | \$ -             | \$ 276,250,576          | ◀ Total Spending in Region             |
| Federal Funds ►     | \$ 221,669,080       | \$ -             | \$ 221,669,080          | ◀ Total Federal Spending in Region     |
| Non-Federal Funds ► | \$ 54,581,497        | \$ -             | \$ 54,581,497           | ◀ Total Non-Federal Spending in Region |

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

**Transportation Improvement Program (TIP)  
Project List (FY2018)**

| FTA Program              | Project Number  | Transit Agency                                    | FTA Activity Line Item | Project Description                                      | Carryover (unobligated) | Federal Funds | State Funds | TD C | Local Funds   | Total Cost    |
|--------------------------|-----------------|---|------------------------|--|-------------------------|---------------|-------------|------|---------------|---------------|
| <b>5307</b>              |                 |   |                        |  |                         |               |             |      |               |               |
|                          | 5307 RTD0005465 | Cape Ann Transportation Authority                 | 117A00                 | PREVENTIVE MAINTENANCE                                   |                         | \$350,000     | \$0         | \$0  | \$87,500      | \$437,500     |
|                          | 5307 RTD0005467 | Cape Ann Transportation Authority                 |                        | 114206 ACQUIRE - SHOP EQ/SOFTWARE MAINT                  |                         | \$40,000      | \$10,000    | \$0  | \$0           | \$50,000      |
|                          | 5307 RTD0005469 | Cape Ann Transportation Authority                 |                        | 114220 ACQUIRE - MISC SUPPORT EQUIPMENT                  |                         | \$27,267      | \$6,817     | \$0  | \$0           | \$34,084      |
|                          | 5307 RTD0005473 | Cape Ann Transportation Authority                 |                        | 114206 ACQUIRE - SHOP EQUIPMENT                          |                         | \$52,000      | \$13,000    | \$0  | \$0           | \$65,000      |
|                          |                 |   |                        | REHAB- SHELTERS Railroad, P&R, Emerson Ave               |                         | \$33,600      | \$8,400     | \$0  | \$0           | \$42,000      |
|                          | 5307 RTD0005474 | Cape Ann Transportation Authority                 |                        | 113410 CONSTRUCT - BUS SHELTER-CATA HUB/COA              |                         | \$14,400      | \$3,600     | \$0  | \$0           | \$18,000      |
|                          | 5307 RTD0005475 | Cape Ann Transportation Authority                 |                        | REHAB/RENOVATE - BUS PASSENGER                           |                         |               |             |      |               |               |
|                          | 5307 RTD0005476 | Cape Ann Transportation Authority                 |                        | 113410 SHELTERS  |                         | \$9,600       | \$2,400     | \$0  | \$0           | \$12,000      |
|                          | 5307 RTD0005989 | MetroWest Regional Transit Authority              |                        | 113403 TERMINAL, INTERMODAL (TRANSIT)                    |                         | \$150,000     | \$37,500    | \$0  | \$0           | \$187,500     |
|                          | 5307 RTD0005990 | MetroWest Regional Transit Authority              | 117C00                 | NON FIXED ROUTE ADA PARA SERV ACQUISITION OF BUS SUPPORT |                         | \$1,300,000   | \$325,000   | \$0  | \$0           | \$1,625,000   |
|                          | 5307 RTD0005991 | MetroWest Regional Transit Authority              |                        | 114200 EQUIP/FACILITIES                                  |                         | \$248,415     | \$62,104    | \$0  | \$0           | \$310,519     |
|                          | 5307 RTD0005992 | MetroWest Regional Transit Authority              |                        | 4400000 Mobility Management                              |                         | \$25,000      | \$6,250     | \$0  | \$0           | \$31,250      |
|                          | 5307 RTD0006350 | Massachusetts Bay Transportation Authority (MBTA) |                        | 121200 Revenue Vehicle Program                           |                         | \$76,000,000  | \$0         | \$0  | \$19,000,000  | \$95,000,000  |
|                          | 5307 RTD0006351 | Massachusetts Bay Transportation Authority (MBTA) |                        | 126301 Systemwide Signals Program                        |                         | \$65,446,986  | \$0         | \$0  | \$16,361,747  | \$81,808,733  |
|                          |                 |   |                        | Subtotal   |                         | \$143,697,268 | \$475,071   | \$0  | \$35,449,247  | \$179,621,586 |
| <b>5309</b>              |                 |   |                        |  |                         |               |             |      |               |               |
|                          | 5309 RTD0005980 | Massachusetts Bay Transportation Authority (MBTA) |                        | 132303 Green Line Extension Project                      |                         | \$150,000,000 | \$0         | \$0  | \$147,878,038 | \$297,878,038 |
|                          |                 |   |                        | Subtotal   |                         | \$150,000,000 | \$0         | \$0  | \$147,878,038 | \$297,878,038 |
| <b>5310</b>              |                 |   |                        |  |                         |               |             |      |               |               |
|                          |                 |   |                        | Subtotal   |                         | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>5311</b>              |                 |   |                        |  |                         |               |             |      |               |               |
|                          |                 |   |                        | Subtotal   |                         | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>5337</b>              |                 |   |                        |  |                         |               |             |      |               |               |
|                          | 5337 RTD0006352 | Massachusetts Bay Transportation Authority (MBTA) |                        | 122405 Bridge & Tunnel Program                           |                         | \$72,000,000  | \$0         | \$0  | \$18,000,000  | \$90,000,000  |
|                          | 5337 RTD0006353 | Massachusetts Bay Transportation Authority (MBTA) |                        | 123400 Stations and Facilities Program                   |                         | \$50,401,533  | \$0         | \$0  | \$12,600,383  | \$63,001,916  |
|                          | 5337 RTD0006354 | Massachusetts Bay Transportation Authority (MBTA) |                        | 124400 System Upgrades Program                           |                         | \$20,000,000  | \$0         | \$0  | \$5,000,000   | \$25,000,000  |
|                          |                 |   |                        | Subtotal   |                         | \$142,401,533 | \$0         | \$0  | \$35,600,383  | \$178,001,916 |
| <b>5339</b>              |                 |   |                        |  |                         |               |             |      |               |               |
|                          | 5339 RTD0006355 | Massachusetts Bay Transportation Authority (MBTA) |                        | 111400 Bus Program                                       |                         | \$5,318,786   | \$0         | \$0  | \$1,329,696   | \$6,648,482   |
|                          |                 |   |                        | Subtotal   |                         | \$5,318,786   | \$0         | \$0  | \$1,329,696   | \$6,648,482   |
| <b>5320</b>              |                 |   |                        |  |                         |               |             |      |               |               |
|                          |                 |   |                        | Subtotal   |                         | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>Other Federal</b>     |                 |   |                        |  |                         |               |             |      |               |               |
|                          |                 |   |                        | Subtotal   |                         | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>Other Non-Federal</b> |                 |   |                        |  |                         |               |             |      |               |               |
| Other Non-Federal        | RTD0006002      | MetroWest Regional Transit Authority              |                        | 115320 CONSTRUCT MISC ELEC/POWER EQUIP                   |                         | \$0           | \$750,000   | \$0  | \$0           | \$750,000     |
|                          |                 |   |                        | Subtotal   |                         | \$0           | \$750,000   | \$0  | \$0           | \$750,000     |
|                          |                 |   |                        | Total  |                         | \$441,417,587 | \$1,225,071 | \$0  | \$220,257,364 | \$662,900,022 |

Funds listed under the Carry Over column are included in the Federal Amount

# 2019 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼                       | STIP Program ▼                         | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼  | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|---|--|----------------------|--------------------------------------|---------------------|--|--------------------|------------------|--------------------------|-----------------|---------------------|--|
| <b>Section 1A / Regionally Prioritized Projects</b> |  |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
| <b>Regionally Prioritized Projects</b>              |  |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|   | Roadway reconstruction program         | 607428               | Boston Region                        | Multiple            | HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140. | 3                  | HSIP             | \$ 1,940,476             | \$ 1,746,428    | \$ 194,048          | Construction; CMAQ+HSIP Total Cost = \$2,727,881; MPO Evaluation Score = 54  |
|   | Roadway reconstruction program         | 607428               | Boston Region                        | Multiple            | HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140. | 3                  | CMAQ             | \$ 787,405               | \$ 629,924      | \$ 157,481          | Construction; CMAQ+HSIP Total Cost = \$2,727,881; MPO Evaluation Score = 54  |
|   | Roadway reconstruction program         | 607652               | Boston Region                        | Everett             | EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET  | 4                  | HSIP             | \$ 1,448,825             | \$ 1,303,943    | \$ 144,883          | Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73   |
|   | Roadway reconstruction program         | 607652               | Boston Region                        | Everett             | EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET  | 4                  | CMAQ             | \$ 1,275,588             | \$ 1,020,470    | \$ 255,118          | Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73   |
|   | Roadway reconstruction program         | 607652               | Boston Region                        | Everett             | EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET  | 4                  | TAP              | \$ 724,412               | \$ 579,530      | \$ 144,882          | Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73   |
|   | Roadway reconstruction program         | 607652               | Boston Region                        | Everett             | EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET  | 4                  | STP              | \$ 13,150,177            | \$ 10,520,142   | \$ 2,630,035        | Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73   |
|   | Roadway reconstruction program         | 606043               | Boston Region                        | Hopkinton           | HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135   | 3                  | HSIP             | \$ 1,275,206             | \$ 1,147,685    | \$ 127,521          | Construction; CMAQ+HSIP+STP Total Cost = \$8,174,400   |
|   | Roadway reconstruction program         | 606043               | Boston Region                        | Hopkinton           | HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135   | 3                  | CMAQ             | \$ 1,000,000             | \$ 800,000      | \$ 200,000          | Construction; CMAQ+HSIP+STP Total Cost = \$8,174,400   |
|   | Roadway reconstruction program         | 606043               | Boston Region                        | Hopkinton           | HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135   | 3                  | TAP              | \$ 5,899,194             | \$ 4,719,355    | \$ 1,179,839        | Construction; CMAQ+HSIP+STP Total Cost = \$8,174,400   |
|   | Planning / Adjustments / Pass-throughs | 1570                 | Boston Region                        | Multiple            | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR   | 6                  | CMAQ             | \$ 13,427,220            | \$ 10,741,776   | \$ 2,685,444        | Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 4 of 6; funding flexed to FTA; match provided by local contributions   |
|   | Planning / Adjustments / Pass-throughs | 1570                 | Boston Region                        | Multiple            | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR   | 6                  | STP              | \$ 27,072,780            | \$ 21,658,224   | \$ 5,414,556        | Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 4 of 6; funding flexed to FTA; match provided by local contributions   |
|   | Roadway reconstruction program         | 605034               | Boston Region                        | Natick              | NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.  | 3                  | CMAQ             | \$ 2,415,334             | \$ 1,932,267    | \$ 483,067          | Construction; CMAQ+TAP+STP Total Cost = \$12,688,000; MPO Evaluation Score = 60  |
|   | Roadway reconstruction program         | 605034               | Boston Region                        | Natick              | NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.  | 3                  | TAP              | \$ 1,318,933             | \$ 1,055,146    | \$ 263,787          | Construction; CMAQ+TAP+STP Total Cost = \$12,688,000; MPO Evaluation Score = 60  |
|   | Roadway reconstruction program         | 605034               | Boston Region                        | Natick              | NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.  | 3                  | STP              | \$ 8,953,733             | \$ 7,162,986    | \$ 1,790,747        | Construction; CMAQ+TAP+STP Total Cost = \$12,688,000; MPO Evaluation Score = 60  |
|   | Roadway reconstruction program         | 605789               | Boston Region                        | Boston              | BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD  | 6                  | STP              | \$ 7,348,506             | \$ 5,878,805    | \$ 1,469,701        | Construction; STP+Earmark Total Cost = \$24,792,845 ; MPO Evaluation Score = 59  |

# 2019 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼              | STIP Program ▼                 | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼   | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|--|--------------------------------|----------------------|--------------------------------------|---------------------|---|--------------------|------------------|--------------------------|-----------------|---------------------|--|
|  | Roadway reconstruction program | 606635               | Boston Region                        | Multiple            | NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON) | 6                  | HSIP             | \$ 2,319,644             | \$ 2,087,680    | \$ 231,964          | Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75   |
|  | Roadway reconstruction program | 606635               | Boston Region                        | Multiple            | NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON) | 6                  | CMAQ             | \$ 2,000,000             | \$ 1,600,000    | \$ 400,000          | Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75   |
|  | Roadway reconstruction program | 606635               | Boston Region                        | Multiple            | NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON) | 6                  | TAP              | \$ 1,546,492             | \$ 1,237,194    | \$ 309,298          | Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75   |
|  | Roadway reconstruction program | 606635               | Boston Region                        | Multiple            | NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON) | 6                  | STP              | \$ 4,851,064             | \$ 3,880,851    | \$ 970,213          | Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75   |
| Regionally Prioritized Projects subtotal ▶ |                                |                      |                                      |                     |   |                    |                  | \$ 6,176,706             | \$ 5,280,295    | \$ 896,411          | ◀ 80% Federal + 20% Non-Federal  |

## Section 1A / Fiscal Constraint Analysis

**Section 1A Instructions:** MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculates. Please verify the amount and only change if needed for flex. Column K) Non-federal funds autocalculates. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format.

| Total Regional Federal Aid Funds Programmed ▶ |               | \$ 98,754,989 | \$ 98,794,261 | ◀ Total Budget  | \$ 39,272            | Target Funds Available |
|---|---------------|---------------|---------------|-----------------|----------------------|------------------------|
| STP programmed ▶                              | \$ 61,376,260 | \$ 80,826,690 | ◀ Max STP     | \$ 19,450,430   | STP available        |                        |
| HSIP programmed ▶                             | \$ 6,984,151  | \$ 4,296,710  | ◀ Min. HSIP   | \$ (2,687,441)  | HSIP recommended met |                        |
| CMAQ programmed ▶                             | \$ 20,905,547 | \$ 10,741,776 | ◀ Min. CMAQ   | \$ (10,163,771) | CMAQ recommended met |                        |
| TAP programmed ▶                              | \$ 9,489,031  | \$ 2,929,085  | ◀ Min. TAP    | \$ (6,559,946)  | TAP amount exceeded! |                        |
| Remaining HSIP, CMAQ, and TAP Funds \$        |               | \$ 39,272     |               |                 |                      |                        |

## Section 1B / Earmark or Discretionary Grant Funded Projects

### Other Federal Aid

|                              |        |               |             |   |   |          |               |               |              |  |
|------------------------------|--------|---------------|-------------|---|---|----------|---------------|---------------|--------------|--|
| Earmark Discretionary        | 605789 | Boston Region | Boston      | BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD   | 6 | HPP      | \$ 5,007,375  | \$ 4,005,900  | \$ 1,001,475 | Construction; HPP 4284 (MA203); STP+Earmarks Total Cost = \$24,792,845   |
| Earmark Discretionary        | 605789 | Boston Region | Boston      | BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD   | 6 | HPP      | \$ 2,703,983  | \$ 2,163,186  | \$ 540,797   | Construction; HPP 756 (MA126); STP+Earmarks Total Cost = \$24,792,845  |
| Earmark Discretionary        | 605789 | Boston Region | Boston      | BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD   | 6 | HPP      | \$ 6,259,219  | \$ 5,007,375  | \$ 1,251,844 | Construction; (MA154); STP+Earmarks Total Cost = \$24,792,845  |
| Earmark Discretionary        | 605789 | Boston Region | Boston      | BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD   | 6 | HPP      | \$ 3,473,764  | \$ 2,779,011  | \$ 694,753   | Construction; (MA194); STP+Earmarks Total Cost = \$24,792,845  |
| Earmark Discretionary        | 607330 | Boston Region | Milton      | MILTON- DECK RECONSTRUCTION OVER SE EXPRESSWAY (EAST MILTON SQUARE), INCLUDES PARKING & NEW LANDSCAPED AREA | 4 | HPP      | \$ 1,502,213  | \$ 1,201,770  | \$ 300,443   | Construction; (MA125)  |
| Earmark Discretionary        | 607330 | Boston Region | Milton      | MILTON- DECK RECONSTRUCTION OVER SE EXPRESSWAY (EAST MILTON SQUARE), INCLUDES PARKING & NEW LANDSCAPED AREA | 4 | HPP      | \$ 1,251,844  | \$ 1,001,475  | \$ 250,369   | Construction; (MA134)  |
| Earmark Discretionary        | BN0008 | Boston Region | Newburyport | Parker River National Wildlife Refuge - Replace Hellcat Trail Boardwalk                                     | 4 | Other FA | \$ 1,200,000  | \$ 960,000    | \$ 240,000   | Transfer to Eastern Federal Lands  |
| Earmark Discretionary        | 606316 | Boston Region | Brookline   | BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET                         | 6 | HPP      | \$ 751,106    | \$ 600,885    | \$ 150,221   | Demo ID: MA 149<br>Repurposed earmark, formerly design and construct signal crossing and other safety improvements to Emerald Necklace Greenway Bicycle Trail, Town of Brookline |
| Other Federal Aid subtotal ▶ |        |               |             |   |   |          | \$ 22,149,502 | \$ 17,719,602 | \$ 4,429,900 | ◀ Funding Split Varies by Funding Source   |

## Section 2A / State Prioritized Reliability Projects

# 2019 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼                      | STIP Program ▼          | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼  | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|--|-------------------------|----------------------|--------------------------------------|---------------------|--|--------------------|------------------|--------------------------|-----------------|---------------------|--|
| <b>► Bridge Program / Inspections</b>              |                         |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Bridge Program          | Project #            | MPO                                  | Municipalities      | Description  | District           | NHPP             | \$ -                     | \$ -            | \$ -                |  |
| Bridge Program / Inspections subtotal ►            |                         |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ Funding Split Varies by Funding Source   |
| <b>► Bridge Program / Off-System</b>               |                         |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Bridge Program          | 608079               | Boston Region                        | Sharon              | SHARON- BRIDGE REPLACEMENT, S-09-003 (40N), MASKWONICUT STREET OVER AMTRAK/MBTA                              | 5                  | STP-BR-OFF       | \$ 5,219,900             | \$ 4,175,920    | \$ 1,043,980        | Construction   |
|  | Bridge Program          | 608255               | Boston Region                        | Stow                | STOW- BRIDGE REPLACEMENT, S-29-011, BOX MILL ROAD OVER ELIZABETH BROOK                                       | 3                  | STP-BR-OFF       | \$ 1,482,000             | \$ 1,185,600    | \$ 296,400          | Construction   |
| Bridge Program / Off-System subtotal ►             |                         |                      |                                      |                     |  |                    |                  | \$ 6,701,900             | \$ 5,361,520    | \$ 1,340,380        | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Bridge Program / On-System (NHS)</b>          |                         |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Bridge Program          | 604173               | Boston Region                        | Boston              | BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR                | 6                  | NHPP-On          | \$ 42,000,000            | \$ 33,600,000   | \$ 8,400,000        | AC Year 3 of 5, Total Cost \$144,066,616   |
| Bridge Program / On-System (NHS) subtotal ►        |                         |                      |                                      |                     |  |                    |                  | \$ 42,000,000            | \$ 33,600,000   | \$ 8,400,000        | ◀ Funding Split Varies by Funding Source   |
| <b>► Bridge Program / On-System (Non-NHS)</b>      |                         |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Bridge Program          | Project #            | MPO                                  | N/A                 | Description  | District           | NHPP-Off         | \$ -                     | \$ -            | \$ -                |  |
| Bridge Program / On-System (Non-NHS) subtotal ►    |                         |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Bridge Program / Systematic Maintenance</b>   |                         |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Bridge Program          | 608234               | Boston Region                        | Multiple            | BOSTON- RANDOLPH- BRIDGE PRESERVATION OF 3 BRIDGES: B-16-165, R-01-005 & R-01-007                            | 6                  | NHPP-On          | \$ 2,303,571             | \$ 1,842,857    | \$ 460,714          | Construction   |
| Bridge Program / Systematic Maintenance subtotal ► |                         |                      |                                      |                     |  |                    |                  | \$ 2,303,571             | \$ 1,842,857    | \$ 460,714          | ◀ Funding Split Varies by Funding Source   |
| <b>► Interstate Pavement</b>                       |                         |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Interstate Pavement     | 608219               | Boston Region                        | Multiple            | READING- WAKEFIELD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95  | 4                  | NHPP             | \$ 4,123,392             | \$ 3,711,053    | \$ 412,339          | Construction   |
| Interstate Pavement subtotal ►                     |                         |                      |                                      |                     |  |                    |                  | \$ 4,123,392             | \$ 3,711,053    | \$ 412,339          | ◀ 90% Federal + 10% Non-Federal  |
| <b>► Non-Interstate Pavement</b>                   |                         |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Non-Interstate Pavement | 608467               | Boston Region                        | Marlborough         | MARLBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 20  | 3                  | NHPP             | \$ 9,940,320             | \$ 7,952,256    | \$ 1,988,064        | Construction   |
|  | Non-Interstate Pavement | 608468               | Boston Region                        | Multiple            | PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1  | 4                  | NHPP             | \$ 11,597,040            | \$ 9,277,632    | \$ 2,319,408        | Construction   |
|  | Non-Interstate Pavement | 608528               | Boston Region                        | Multiple            | WESTON- WALTHAM- RESURFACING AND RELATED WORK ON ROUTE 20  | 4                  | NHPP             | \$ 12,026,560            | \$ 9,621,248    | \$ 2,405,312        | Construction   |
|  | Non-Interstate Pavement | 608587               | Boston Region                        | Dedham              | DEDHAM- RECONSTRUCTION & RELATED WORK OF BRIDGE STREET (ROUTE 109) AND AMES STREET                           | 6                  | NHPP             | \$ 5,424,717             | \$ 4,339,774    | \$ 1,084,943        | Construction   |
| Non-Interstate Pavement subtotal ►                 |                         |                      |                                      |                     |  |                    |                  | \$ 38,988,637            | \$ 31,190,910   | \$ 7,797,727        | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Roadway Improvements</b>                      |                         |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Roadway Improvements    | 608214               | Boston Region                        | Winchester          | WINCHESTER- STORMWATER IMPROVEMENTS ALONG ROUTE 3  | 4                  | STP              | \$ 232,960               | \$ 186,368      | \$ 46,592           | Construction   |
|  | Roadway Improvements    | 608599               | Boston Region                        | Multiple            | CANTON- SHARON- FOXBOROUGH- NORWOOD-WALPOLE- STORMWATER IMPROVEMENTS ALONG ROUTE 1, ROUTE 1A & INTERSTATE 95 | 5                  | STP              | \$ 526,235               | \$ 420,988      | \$ 105,247          | Construction   |
| Roadway Improvements subtotal ►                    |                         |                      |                                      |                     |  |                    |                  | \$ 759,195               | \$ 607,356      | \$ 151,839          | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Safety Improvements</b>                       |                         |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Safety Improvements     | 608608               | Boston Region                        | Braintree           | BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE   | 6                  | STP              | \$ 7,008,503             | \$ 5,606,802    | \$ 1,401,701        | Construction / Total Project Cost \$9,697,229 / AC YR 1 of 2   |
|  | Safety Improvements     | 608205               | Boston Region                        | Multiple            | READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 (SR 128)                       | 4                  | HSIP             | \$ 4,513,288             | \$ 4,061,959    | \$ 451,329          | Construction   |



# 2019 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼  | STIP Program ▼      | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼   | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|--------------------------------|---------------------|----------------------|--------------------------------------|---------------------|---|--------------------|------------------|--------------------------|-----------------|---------------------|--|
|                                | Safety Improvements | 608206               | Boston Region                        | Multiple            | CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1 | 4                  | HSIP             | \$ 7,195,084             | \$ 6,475,576    | \$ 719,508          | Construction   |
| Safety Improvements subtotal ▶ |                     |                      |                                      |                     |   |                    |                  | \$ 18,716,875            | \$ 16,144,337   | \$ 2,572,538        | ◀ Funding Split Varies by Funding Source   |

## ► Section 2B / State Prioritized Modernization Projects

### ► ADA Retrofits

| ADA Retrofits            | Project # | Statewide | Multiple | Description | 1 | STP  | \$ - | \$ - | \$ -                            |  |
|--------------------------|-----------|-----------|----------|-------------|---|------|------|------|---------------------------------|--|
| ADA Retrofits subtotal ▶ |           |           |          |             |   | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |  |

### ► Intersection Improvements

|                                      |        |               |            |   |   |      |              |              |              |                              |  |
|--------------------------------------|--------|---------------|------------|---|---|------|--------------|--------------|--------------|------------------------------|--|
| Intersection Improvements            | 607759 | Boston Region | Boston     | BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET   | 6 | HSIP | \$ 974,815   | \$ 877,334   | \$ 97,482    | Construction / PSAC score 39 |  |
| Intersection Improvements            | 607763 | Boston Region | Milton     | MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT 2 LOCATIONS: SR 138 (BLUE HILL AVENUE) AT ATHERTON STREET & BRADLEE ROAD AND SR 138 (BLUE HILL AVENUE) AT MILTON STREET & DOLLAR LANE | 6 | HSIP | \$ 1,188,000 | \$ 1,069,200 | \$ 118,800   | Construction / PSAC score 44 |  |
| Intersection Improvements            | 608052 | Boston Region | Norwood    | NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET   | 5 | HSIP | \$ 974,815   | \$ 877,334   | \$ 97,482    | Construction / PSAC score 50 |  |
| Intersection Improvements            | 607748 | Boston Region | Acton      | ACTON- INTERSECTION & SIGNAL IMPROVEMENTS ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD   | 3 | HSIP | \$ 1,400,000 | \$ 1,260,000 | \$ 140,000   | Construction / PSAC score 58 |  |
| Intersection Improvements            | 608755 | Boston Region | Boston     | BOSTON- INTERSECTION IMPROVEMENTS AT MORTON STREET AND HARVARD STREET   | 6 | HSIP | \$ 1,500,000 | \$ 1,350,000 | \$ 150,000   | Construction                 |  |
| Intersection Improvements            | 607761 | Boston Region | Swampscott | SWAMPSCOTT- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT SWAMPSCOTT MALL  | 4 | HSIP | \$ 2,000,000 | \$ 1,800,000 | \$ 200,000   | Construction / PSAC score 50 |  |
| Intersection Improvements subtotal ▶ |        |               |            |   |   |      |              | \$ 8,037,630 | \$ 7,233,867 | \$ 803,763                   | ◀ Funding Split Varies by Funding Source |

### ► Intelligent Transportation Systems

| Intelligent Transportation Systems           | Project # | Statewide | Multiple | Description | Multiple | NHPP | \$ - | \$ - | \$ -                            |  |
|--|-----------|-----------|----------|-------------|----------|------|------|------|---------------------------------|--|
| Intelligent Transportation System subtotal ▶ |           |           |          |             |          | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |  |

### ► Roadway Reconstruction

| Roadway Reconstruction            | Project # | MPO | N/A | Description | District | CMAQ | \$ - | \$ - | \$ -                            |  |
|-----------------------------------|-----------|-----|-----|-------------|----------|------|------|------|---------------------------------|--|
| Roadway Reconstruction subtotal ▶ |           |     |     |             |          | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |  |

## ► Section 2C / State Prioritized Expansion Projects

### ► Bicycles and Pedestrians

|                                     |        |               |           |  |   |      |              |               |              |   |                                 |
|-------------------------------------|--------|---------------|-----------|--|---|------|--------------|---------------|--------------|---|---------------------------------|
| Bicycles and Pedestrians            | 607888 | Boston Region | Multiple  | BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY   | 6 | CMAQ | \$ 1,770,722 | \$ 1,416,578  | \$ 354,144   | Construction / PSAC score 41  |                                 |
| Bicycles and Pedestrians            | 606223 | Boston Region | Multiple  | ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION, INCLUDES REPLACING BRIDGE C-19-037, RAIL TRAIL OVER NASHOBA BROOK, NEW BRIDGE C-19-039, RAIL TRAIL OVER ROUTE 2 & NEW CULVERT C-19-040, ROUTE 2 OVER WILDLIFE CROSSING (PHASE II-B) | 4 | CMAQ | \$ 9,495,746 | \$ 7,596,597  | \$ 1,899,149 | Construction / PSAC score 31.5  |                                 |
| Bicycles and Pedestrians            | 606316 | Boston Region | Brookline | BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET  | 6 | CMAQ | \$ 3,087,238 | \$ 2,469,790  | \$ 617,448   | Construction / Total Project Cost \$3,838,344 w/ additional funding from earmark at \$751,106 |                                 |
| Bicycles and Pedestrians subtotal ▶ |        |               |           |  |   |      |              | \$ 11,266,468 | \$ 9,013,174 | \$ 2,253,294  | ◀ 80% Federal + 20% Non-Federal |

### ► Capacity

# 2019 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼ | STIP Program ▼ | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|
|                               | Capacity       | Project #            | MPO                                  | Municipalities      | Description                   | District           | CMAQ             | \$ -                     | \$ -            | \$ -                |  |
| Capacity subtotal ▶           |                |                      |                                      |                     |                               |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ Funding Split Varies by Funding Source   |

## ▶ Section 3 / Planning / Adjustments / Pass-throughs

### ▶ Planning / Adjustments / Pass-throughs

| Planning / Adjustments / Pass-throughs | Project # | Statewide | Multiple | ABP GANS Repayment | Multiple | NHPP | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼                 |
|--|-----------|-----------|----------|--------------------|----------|------|--------------------------|-----------------|---------------------|--|
|  |           |           |          |                    |          |      | \$ -                     | \$ -            | \$ -                |  |
| Other Statewide Items subtotal ▶       |           |           |          |                    |          |      | \$ -                     | \$ -            | \$ -                | ◀ Funding Split Varies by Funding Source |

## ▶ Section 4 / Non-Federally Aided Projects

### ▶ Non-Federally Aided Projects

| Non Federal Aid            | Project # | MPO | Municipalities | Description | District | NFA | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|----------------------------|-----------|-----|----------------|-------------|----------|-----|--------------------------|-----------------|---------------------|--------------------------|
|                            |           |     |                |             |          |     | \$ -                     | \$ -            | \$ -                |                          |
| Non-Federal Aid subtotal ▶ |           |     |                |             |          |     | \$ -                     | \$ -            | \$ -                | ◀ 100% Non-Federal       |

## 2019 Summary

|                     | TIP Section 1 - 3: ▼ | TIP Section 4: ▼ | Total of All Projects ▼ |  |
|---------------------|----------------------|------------------|-------------------------|--|
| Total ▶             | \$ 161,223,876       | \$ -             | \$ 161,223,876          | ◀ Total Spending in Region             |
| Federal Funds ▶     | \$ 131,704,971       | \$ -             | \$ 131,704,971          | ◀ Total Federal Spending in Region     |
| Non-Federal Funds ▶ | \$ 29,518,906        | \$ -             | \$ 29,518,906           | ◀ Total Non-Federal Spending in Region |

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

**Transportation Improvement Program (TIP)  
Project List (FY2019)**

| FTA Program              | Project Number  | Transit Agency                                    | FTA Activity Line Item | Project Description                    | Carryover (unobligated)           | Federal Funds | State Funds | TD C | Local Funds   | Total Cost    |
|--------------------------|-----------------|---|------------------------|--|-----------------------------------|---------------|-------------|------|---------------|---------------|
| <b>5307</b>              |                 |   |                        |  |                                   |               |             |      |               |               |
|                          | 5307 RTD0005466 | Cape Ann Transportation Authority                 | 117A00                 | PREVENTIVE MAINTENANCE                 | 2017 - \$92,000; 2018 - \$450,000 | \$542,000     | \$0         | \$0  | \$135,500     | \$677,500     |
|                          | 5307 RTD0005470 | Cape Ann Transportation Authority                 | 114206                 | ACQUIRE - SHOP EQ/COMPUTER/SFTWR       | 2018 - \$44,000                   | \$44,000      | \$11,000    | \$0  | \$0           | \$55,000      |
|                          | 5307 RTD0005471 | Cape Ann Transportation Authority                 | 114220                 | ACQUIRE - MISC SUPPORT EQUIPMENT       | 2018 - \$30,055                   | \$30,055      | \$7,514     | \$0  | \$0           | \$37,569      |
|                          |                 |   |                        | TERMINAL, INTERMODAL (TRANSIT): Facil. |                                   |               |             |      |               |               |
|                          | 5307 RTD0005993 | MetroWest Regional Transit Authority              | 113303                 | Improvements                           | 2018 - \$150,000                  | \$150,000     | \$37,500    | \$0  | \$0           | \$187,500     |
|                          | 5307 RTD0005994 | MetroWest Regional Transit Authority              | 117C00                 | NON FIXED ROUTE ADA PARA SERV          | 2018 - \$1,300,000                | \$1,300,000   | \$325,000   | \$0  | \$0           | \$1,625,000   |
|                          |                 |   |                        | ACQUISITION OF BUS SUPPORT             |                                   |               |             |      |               |               |
|                          | 5307 RTD0005995 | MetroWest Regional Transit Authority              | 114200                 | EQUIP/FACILITIES                       | 2018 - \$248,415                  | \$248,415     | \$62,104    | \$0  | \$0           | \$310,519     |
|                          | 5307 RTD0005996 | MetroWest Regional Transit Authority              | 440000                 | Mobility Management                    | 2018 - \$25,000                   | \$25,000      | \$6,250     | \$0  | \$0           | \$31,250      |
|                          |                 | Massachusetts Bay Transportation Authority (MBTA) | 121200                 | Revenue Vehicle Program                |                                   | \$112,000,000 | \$0         | \$0  | \$28,000,000  | \$140,000,000 |
|                          |                 | Massachusetts Bay Transportation Authority (MBTA) | 123400                 | Stations and Facilities Program        |                                   | \$31,445,210  | \$0         | \$0  | \$7,861,303   | \$39,306,513  |
|                          |                 |   |                        | Subtotal                               |                                   | \$145,784,680 | \$449,368   | \$0  | \$35,996,803  | \$182,230,851 |
| <b>5309</b>              |                 |   |                        |  |                                   |               |             |      |               |               |
|                          | 5309 RTD0005979 | Massachusetts Bay Transportation Authority (MBTA) | 132303                 | Green Line Extension Project           |                                   | \$150,000,000 | \$0         | \$0  | \$147,848,038 | \$297,848,038 |
|                          |                 |   |                        | Subtotal                               |                                   | \$150,000,000 | \$0         | \$0  | \$147,848,038 | \$297,848,038 |
| <b>5310</b>              |                 |   |                        |  |                                   |               |             |      |               |               |
|                          |                 |   |                        | Subtotal                               |                                   | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>5311</b>              |                 |   |                        |  |                                   |               |             |      |               |               |
|                          |                 |   |                        | Subtotal                               |                                   | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>5337</b>              |                 |   |                        |  |                                   |               |             |      |               |               |
|                          | 5337 RTD0006358 | Massachusetts Bay Transportation Authority (MBTA) | 123400                 | Stations and Facilities Program        |                                   | \$136,853,672 | \$0         | \$0  | \$34,213,418  | \$171,067,090 |
|                          | 5337 RTD0006359 | Massachusetts Bay Transportation Authority (MBTA) | 124400                 | System Upgrades Program                | 2018 - \$8,000,000                | \$8,000,000   | \$0         | \$0  | \$2,000,000   | \$10,000,000  |
|                          |                 |   |                        | Subtotal                               |                                   | \$144,853,672 | \$0         | \$0  | \$36,213,418  | \$181,067,090 |
| <b>5339</b>              |                 |   |                        |  |                                   |               |             |      |               |               |
|                          | 5339 RTD0006360 | Massachusetts Bay Transportation Authority (MBTA) | 111400                 | Bus Program                            |                                   | \$5,434,322   | \$0         | \$0  | \$1,358,581   | \$6,792,903   |
|                          |                 |   |                        | Subtotal                               |                                   | \$5,434,322   | \$0         | \$0  | \$1,358,581   | \$6,792,903   |
| <b>5320</b>              |                 |   |                        |  |                                   |               |             |      |               |               |
|                          |                 |   |                        | Subtotal                               |                                   | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>Other Federal</b>     |                 |   |                        |  |                                   |               |             |      |               |               |
|                          |                 |   |                        | Subtotal                               |                                   | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>Other Non-Federal</b> |                 |   |                        |  |                                   |               |             |      |               |               |
| Other Non-Federal        | RTD0006089      | Cape Ann Transportation Authority                 | 111209                 | BUY REPLACEMENT TROLLEY BUS            |                                   | \$0           | \$900,000   | \$0  | \$0           | \$900,000     |
|                          |                 |   |                        | Subtotal                               |                                   | \$0           | \$900,000   | \$0  | \$0           | \$900,000     |
|                          |                 |   |                        | Total                                  |                                   | \$446,072,674 | \$1,349,368 | \$0  | \$221,416,840 | \$668,838,882 |

Funds listed under the Carry Over column are included in the Federal Amount

# 2020 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼ | STIP Program ▼ | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|

## ► Section 1A / Regionally Prioritized Projects

### ► Regionally Prioritized Projects

|  |  |        |               |          |   |   |      |               |               |              |  |
|--|--|--------|---------------|----------|---|---|------|---------------|---------------|--------------|--|
|  | Planning / Adjustments / Pass-throughs | 1570   | Boston Region | Multiple | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR  | 6 | CMAQ | \$ 13,427,220 | \$ 10,741,776 | \$ 2,685,444 | Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 5 of 6; funding flexed to FTA; match provided by local contributions |
|  | Planning / Adjustments / Pass-throughs | 1570   | Boston Region | Multiple | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR  | 6 | STP  | \$ 21,872,780 | \$ 17,498,224 | \$ 4,374,556 | Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 5 of 6; funding flexed to FTA; match provided by local contributions |
|  | Roadway reconstruction program         | 604123 | Boston Region | Ashland  | ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.                              | 3 | CMAQ | \$ 1,000,000  | \$ 800,000    | \$ 200,000   | Construction; STP+CMAQ+TAP Total Cost = \$14,636,338; MPO Evaluation Score = 54  |
|  | Roadway reconstruction program         | 604123 | Boston Region | Ashland  | ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.                              | 3 | TAP  | \$ 2,106,481  | \$ 1,685,185  | \$ 421,296   | Construction; STP+CMAQ+TAP Total Cost = \$14,636,338; MPO Evaluation Score = 54  |
|  | Roadway reconstruction program         | 604123 | Boston Region | Ashland  | ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.                              | 3 | STP  | \$ 11,529,857 | \$ 9,223,886  | \$ 2,305,971 | Construction; STP+CMAQ+TAP Total Cost = \$14,636,338; MPO Evaluation Score = 54  |
|  | Roadway reconstruction program         | 602077 | Boston Region | Lynn     | LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE                                     | 4 | CMAQ | \$ 1,000,000  | \$ 800,000    | \$ 200,000   | Construction; CMAQ+STP Total Cost = \$4,755,714; MPO Evaluation Score = 38   |
|  | Roadway reconstruction program         | 602077 | Boston Region | Lynn     | LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE                                     | 4 | STP  | \$ 3,755,714  | \$ 3,004,571  | \$ 751,143   | Construction; CMAQ+STP Total Cost = \$4,755,714; MPO Evaluation Score = 38   |
|  | Roadway reconstruction program         | 602261 | Boston Region | Walpole  | WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER | 5 | CMAQ | \$ 1,000,000  | \$ 800,000    | \$ 200,000   | Construction; STP+CMAQ+TAP Total Cost = \$17,390,216; MPO Evaluation Score = 51  |
|  | Roadway reconstruction program         | 602261 | Boston Region | Walpole  | WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER | 5 | TAP  | \$ 1,858,437  | \$ 1,486,750  | \$ 371,687   | Construction; STP+CMAQ+TAP Total Cost = \$17,390,216; MPO Evaluation Score = 51  |
|  | Roadway reconstruction program         | 602261 | Boston Region | Walpole  | WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER | 5 | STP  | \$ 14,531,779 | \$ 11,625,423 | \$ 2,906,356 | Construction; STP+CMAQ+TAP Total Cost = \$17,390,216; MPO Evaluation Score = 51  |
|  | Roadway reconstruction program         | 606453 | Boston Region | Boston   | BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET                   | 6 | CMAQ | \$ 1,000,000  | \$ 800,000    | \$ 200,000   | Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MPO Evaluation Score = 58   |
|  | Roadway reconstruction program         | 606453 | Boston Region | Boston   | BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET                   | 6 | TAP  | \$ 812,432    | \$ 649,946    | \$ 162,486   | Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MPO Evaluation Score = 58   |
|  | Roadway reconstruction program         | 606453 | Boston Region | Boston   | BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET                   | 6 | STP  | \$ 6,401,887  | \$ 5,121,510  | \$ 1,280,377 | Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MPO Evaluation Score = 58   |

# 2020 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼              | STIP Program ▼ | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼  | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼      | Non-Federal Funds ▼  | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|--|----------------|----------------------|--------------------------------------|---------------------|--|--------------------|------------------|--------------------------|----------------------|----------------------|--|
| Roadway reconstruction program             |                | 606226               | Boston Region                        | Boston              | BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE   | 6                  | STP              | \$ 7,000,000             | \$ 5,600,000         | \$ 1,400,000         | Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 1 of 5; Total funding in this TIP = \$76,626,515   |
| Roadway reconstruction program             |                | 606635               | Boston Region                        | Multiple            | NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON) | 6                  | HSIP             | \$ 2,319,644             | \$ 2,087,680         | \$ 231,964           | Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 2 of 2; MPO Evaluation Score = 75   |
| Roadway reconstruction program             |                | 606635               | Boston Region                        | Multiple            | NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON) | 6                  | STP              | \$ 8,397,556             | \$ 6,718,045         | \$ 1,679,511         | Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 2 of 2; MPO Evaluation Score = 75   |
| Regionally Prioritized Projects subtotal ▶ |                |                      |                                      |                     |  |                    |                  | <b>\$ 98,013,787</b>     | <b>\$ 78,642,994</b> | <b>\$ 19,370,793</b> | ◀ 80% Federal + 20% Non-Federal  |

## ▶ Section 1A / Fiscal Constraint Analysis

**Section 1A Instructions:** MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculates. Please verify the amount and only change if needed for flex. Column K) Non-federal funds autocalculates. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format.

| Total Regional Federal Aid Funds Programmed ▶ |               | \$ 98,013,787 | \$ 98,029,447              | ◀ Total Budget \$ 15,660 | Target Funds Available |
|---|---------------|---------------|----------------------------|--------------------------|------------------------|
| STP programmed ▶                              | \$ 73,489,573 | \$ 80,061,875 | ◀ Max STP \$ 6,572,302     | STP available            |                        |
| HSIP programmed ▶                             | \$ 2,319,644  | \$ 4,296,710  | ◀ Min. HSIP \$ 1,977,066   | HSIP recommended not met |                        |
| CMAQ programmed ▶                             | \$ 17,427,220 | \$ 10,741,776 | ◀ Min. CMAQ \$ (6,685,444) | CMAQ recommended met     |                        |
| TAP programmed ▶                              | \$ 4,777,350  | \$ 2,929,085  | ◀ Min. TAP \$ (1,848,265)  | TAP amount exceeded!     |                        |
| Remaining HSIP, CMAQ, and TAP Funds \$        |               | 15,660        |                            |                          |                        |

## ▶ Section 1B / Earmark or Discretionary Grant Funded Projects

### ▶ Other Federal Aid

| Earmark Discretionary        | Project # | Boston | Municipalities | Description | District | HPP | \$ - | \$ - | \$ - |  |
|------------------------------|-----------|--------|----------------|-------------|----------|-----|------|------|------|--|
| Earmark Discretionary        | Project # | Boston | Municipalities | Description | District | HPP | \$ - | \$ - | \$ - |  |
| Other Federal Aid subtotal ▶ |           |        |                |             |          |     | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |

## ▶ Section 2A / State Prioritized Reliability Projects

### ▶ Bridge Program / Inspections

| Bridge Program                          | Project # | N/A | Multiple | Description | Multiple | NHPP | \$ - | \$ - | \$ - |  |
|---|-----------|-----|----------|-------------|----------|------|------|------|------|--|
| Bridge Program / Inspections subtotal ▶ |           |     |          |             |          |      | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |

### ▶ Bridge Program / Off-System

| Bridge Program                         | Project # | MPO | N/A | Description | District | STP-BR-OFF | \$ - | \$ - | \$ - |                                 |
|--|-----------|-----|-----|-------------|----------|------------|------|------|------|---------------------------------|
| Bridge Program / Off-System subtotal ▶ |           |     |     |             |          |            | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

### ▶ Bridge Program / On-System (NHS)

|   |        |               |        |  |   |         |                      |                      |                      |   |
|---|--------|---------------|--------|--|---|---------|----------------------|----------------------|----------------------|---|
| Bridge Program                              | 605342 | Boston Region | Stow   | STOW- BRIDGE REPLACEMENT, S-29-001, (ST 62) GLEASONDALE ROAD OVER THE ASSABET RIVER                      | 3 | NHPP-On | \$ 6,706,560         | \$ 5,365,248         | \$ 1,341,312         | Construction  |
| Bridge Program                              | 608614 | Boston Region | Boston | BOSTON- BRIDGE PRESERVATION, B-16-179, AUSTIN STREET OVER I-93 RAMPS, MBTA COMMUTER RAIL AND ORANGE LINE | 6 | NHPP-On | \$ 20,606,400        | \$ 16,485,120        | \$ 4,121,280         | Construction  |
| Bridge Program                              | 604173 | Boston Region | Boston | BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR            | 6 | NHPP-On | \$ 35,000,000        | \$ 28,000,000        | \$ 7,000,000         | Construction / AC Year 4 of 5, Total Cost \$144,066,616 |
| Bridge Program / On-System (NHS) subtotal ▶ |        |               |        |  |   |         | <b>\$ 62,312,960</b> | <b>\$ 49,850,368</b> | <b>\$ 12,462,592</b> | ◀ Funding Split Varies by Funding Source                |

# 2020 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼                                  | STIP Program ▼                     | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼  | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|--|------------------------------------|----------------------|--------------------------------------|---------------------|--|--------------------|------------------|--------------------------|-----------------|---------------------|--|
| <b>► Bridge Program / On-System (Non-NHS)</b>                  |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Bridge Program                     | 608009               | Boston Region                        | Boxborough          | BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495   | 3                  | NHPP-Off         | \$ 9,147,500             | \$ 7,318,000    | \$ 1,829,500        | AC Year 1 of 2, Total Cost \$14,295,000  |
| Bridge Program / On-System (Non-NHS) subtotal ►                |                                    |                      |                                      |                     |  |                    |                  | \$ 9,147,500             | \$ 7,318,000    | \$ 1,829,500        | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Bridge Program / Systematic Maintenance</b>               |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Bridge Program                     | 608596               | Boston Region                        | Essex               | ESSEX- SUPERSTRUCTURE REPLACEMENT, E-11-001 (2TV), ROUTE 133MAIN STREET OVER ESSEX RIVER   | 4                  | NHPP-Off         | \$ 2,400,000             | \$ 1,920,000    | \$ 480,000          |  |
| Bridge Program / Systematic Maintenance subtotal ►             |                                    |                      |                                      |                     |  |                    |                  | \$ 2,400,000             | \$ 1,920,000    | \$ 480,000          | ◀ Funding Split Varies by Funding Source   |
| <b>► Interstate Pavement</b>                                   |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Interstate Pavement                | 608208               | Boston Region                        | Multiple            | QUINCY- MILTON- BOSTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-93  | 6                  | NHPP             | \$ 24,264,576            | \$ 21,838,118   | \$ 2,426,458        | Construction / Includes \$540,000 of stormwater improvements   |
| Interstate Pavement subtotal ►                                 |                                    |                      |                                      |                     |  |                    |                  | \$ 24,264,576            | \$ 21,838,118   | \$ 2,426,458        | ◀ 90% Federal + 10% Non-Federal  |
| <b>► Non-Interstate Pavement</b>                               |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Non-Interstate Pavement            | 608480               | Boston Region                        | Multiple            | FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON ROUTE 1   | 5                  | NHPP             | \$ 8,063,129             | \$ 6,450,503    | \$ 1,612,626        | Construction   |
|  | Non-Interstate Pavement            | 608484               | Boston Region                        | Multiple            | CANTON- MILTON- RESURFACING AND RELATED WORK ON ROUTE 138  | 6                  | NHPP             | \$ 15,343,776            | \$ 12,275,021   | \$ 3,068,755        | Construction   |
|  | Non-Interstate Pavement            | 608482               | Boston Region                        | Multiple            | CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28  | 6                  | NHPP             | \$ 7,761,096             | \$ 6,208,877    | \$ 1,552,219        | Construction   |
| Non-Interstate Pavement subtotal ►                             |                                    |                      |                                      |                     |  |                    |                  | \$ 31,168,001            | \$ 24,934,401   | \$ 6,233,600        | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Roadway Improvements</b>                                  |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Roadway Improvements               | Project #            | MPO                                  | N/A                 | Description  | District           | STP              | \$ -                     | \$ -            | \$ -                |  |
| Roadway Improvements subtotal ►                                |                                    |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Safety Improvements</b>                                   |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Safety Improvements                | 608608               | Boston Region                        | Braintree           | BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE   | 6                  | STP              | \$ 2,688,726             | \$ 2,150,981    | \$ 537,745          | Construction / Total Project Cost \$9,697,229 / AC YR 2 of 2   |
|  | Safety Improvements                | 608611               | Boston Region                        | Multiple            | CANTON- MILTON- RANDOLPH- REPLACEMENT AND REHABILITATION OF THE HIGHWAY LIGHTING SYSTEM AT THE ROUTE 24/ROUTE 1/I-93 INTERCHANGE | 6                  | HSIP             | \$ 9,434,070             | \$ 8,490,663    | \$ 943,407          | Construction   |
| Safety Improvements subtotal ►                                 |                                    |                      |                                      |                     |  |                    |                  | \$ 12,122,796            | \$ 10,641,644   | \$ 1,481,152        | ◀ Funding Split Varies by Funding Source   |
| <b>► Section 2B / State Prioritized Modernization Projects</b> |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
| <b>► ADA Retrofits</b>   |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | ADA Retrofits                      | Project #            | MPO                                  | Municipalities      | Description  | District           | STP              | \$ -                     | \$ -            | \$ -                |  |
| ADA Retrofits subtotal ►                                       |                                    |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Intersection Improvements</b>                             |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Intersection Improvements          | 608562               | Boston Region                        | Somerville          | SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON I-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION)            | 4                  | HSIP             | \$ 2,688,000             | \$ 2,419,200    | \$ 268,800          | Construction / PSAC score 68   |
|  | Intersection Improvements          | 608564               | Boston Region                        | Watertown           | WATERTOWN- INTERSECTION IMPROVEMENTS AT ROUTE 16 AND GALEN STREET  | 6                  | HSIP             | \$ 2,688,000             | \$ 2,419,200    | \$ 268,800          | Construction / PSAC score 56   |
| Intersection Improvements subtotal ►                           |                                    |                      |                                      |                     |  |                    |                  | \$ 5,376,000             | \$ 4,838,400    | \$ 537,600          | ◀ Funding Split Varies by Funding Source   |
| <b>► Intelligent Transportation Systems</b>                    |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Intelligent Transportation Systems | Project #            | MPO                                  | Municipalities      | Description  | District           | NHPP             | \$ -                     | \$ -            | \$ -                |  |
| Intelligent Transportation System subtotal ►                   |                                    |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 80% Federal + 20% Non-Federal  |

# 2020 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼ | STIP Program ▼ | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|

## ► Roadway Reconstruction

|                                   |        |               |            |  |   |      |                     |                     |                     |  |
|-----------------------------------|--------|---------------|------------|--|---|------|---------------------|---------------------|---------------------|--|
| Roadway Reconstruction            | 608835 | Boston Region | Medford    | MEDFORD- IMPROVEMENTS AT BROOKS ELEMENTARY SCHOOL (SRTS)         | 4 | TAP  | \$ 1,200,000        | \$ 960,000          | \$ 240,000          | Construction / TAP project proponent is Medford                                  |
| Roadway Reconstruction            | 608743 | Boston Region | Salem      | SALEM- IMPROVEMENTS AT BATES ELEMENTARY SCHOOL (SRTS)            | 4 | TAP  | \$ 937,500          | \$ 750,000          | \$ 187,500          | Construction / TAP project proponent is Salem                                    |
| Roadway Reconstruction            | 608829 | Boston Region | Stoughton  | STOUGHTON - IMPROVEMENTS AT WEST ELEMENTARY SCHOOL (SRTS)        | 5 | TAP  | \$ 2,226,600        | \$ 1,781,280        | \$ 445,320          | Construction / TAP project proponent is Stoughton                                |
| Roadway Reconstruction            | 608791 | Boston Region | Winchester | WINCHESTER- IMPROVEMENTS AT VINSON-OWEN ELEMENTARY SCHOOL (SRTS) | 4 | TAP  | \$ 1,666,200        | \$ 1,332,960        | \$ 333,240          | Construction / TAP project proponent is Winchester                               |
| Roadway Reconstruction            | 607977 | Boston Region | Multiple   | HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE | 3 | NHPP | \$ 1,000,000        | \$ 800,000          | \$ 200,000          | Construction / Total Project Cost = \$270,000,000 / AC YR 1 of 6 / PSAC score 49 |
| Roadway Reconstruction subtotal ► |        |               |            |  |   |      | <b>\$ 7,030,300</b> | <b>\$ 5,624,240</b> | <b>\$ 1,406,060</b> | ◀ 80% Federal + 20% Non-Federal  |

## ► Section 2C / State Prioritized Expansion Projects

### ► Bicycles and Pedestrians

| Bicycles and Pedestrians            | Project # | MPO | N/A | Description | District | CMAQ | \$ -        | \$ -        | \$ -        |                                 |
|-------------------------------------|-----------|-----|-----|-------------|----------|------|-------------|-------------|-------------|---------------------------------|
| Bicycles and Pedestrians subtotal ► |           |     |     |             |          |      | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> | ◀ 80% Federal + 20% Non-Federal |

### ► Capacity

| Capacity            | Project # | MPO | Municipalities | Description | District | NHPP | \$ -        | \$ -        | \$ -        |  |
|---------------------|-----------|-----|----------------|-------------|----------|------|-------------|-------------|-------------|--|
| Capacity subtotal ► |           |     |                |             |          |      | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> | ◀ Funding Split Varies by Funding Source |

## ► Section 3 / Planning / Adjustments / Pass-throughs

### ► Planning / Adjustments / Pass-throughs

| Planning / Adjustments / Pass-throughs | Project # | Statewide | Multiple | Description | Multiple | NHPP | \$ -        | \$ -        | \$ -        |  |
|--|-----------|-----------|----------|-------------|----------|------|-------------|-------------|-------------|--|
| Other Statewide Items subtotal ►       |           |           |          |             |          |      | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> | ◀ Funding Split Varies by Funding Source |

## ► Section 4 / Non-Federally Aided Projects

### ► Non-Federally Aided Projects

|                            |        |               |          |  |   |     |                      |  |                      |  |
|----------------------------|--------|---------------|----------|--|---|-----|----------------------|--|----------------------|--|
| Non Federal Aid            | 607977 | Boston Region | Multiple | HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE | 3 | NFA | \$ 18,112,483        |  | \$ 18,112,483        | Construction / Total Project Cost = \$270,000,000 / AC YR 1 of 6 / PSAC score 49 |
| Non-Federal Aid subtotal ► |        |               |          |  |   |     | <b>\$ 18,112,483</b> |  | <b>\$ 18,112,483</b> | ◀ 100% Non-Federal   |

## 2020 Summary

|                     | TIP Section 1 - 3: ▼ | TIP Section 4: ▼ | Total of All Projects ▼ |  |
|---------------------|----------------------|------------------|-------------------------|--|
| Total ►             | \$ 251,835,920       | \$ 18,112,483    | \$ 269,948,403          | ◀ Total Spending in Region             |
| Federal Funds ►     | \$ 205,608,165       |                  | \$ 205,608,165          | ◀ Total Federal Spending in Region     |
| Non-Federal Funds ► | \$ 46,227,755        | \$ 18,112,483    | \$ 64,340,238           | ◀ Total Non-Federal Spending in Region |

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

**Transportation Improvement Program (TIP)  
Project List (FY2020)**

| FTA Program              | Project Number  | Transit Agency                                    | FTA Activity Line Item | Project Description              | Carryover (unobligated) | Federal Funds | State Funds | TD C | Local Funds   | Total Cost    |
|--------------------------|-----------------|---|------------------------|----------------------------------|-------------------------|---------------|-------------|------|---------------|---------------|
| <b>5307</b>              |                 |   |                        |                                  |                         |               |             |      |               |               |
|                          | 5307 RTD0005472 | Cape Ann Transportation Authority                 | 117A00                 | PREVENTIVE MAINTENANCE           | 2019 - \$350,000        | \$350,000     | \$0         | \$0  | \$87,500      | \$437,500     |
|                          | 5307 RTD0005477 | Cape Ann Transportation Authority                 | 114206                 | ACQUIRE - SHOP EQ/COMP/SFTWR     | 2019 - \$40,000         | \$40,000      | \$10,000    | \$0  | \$0           | \$50,000      |
|                          | 5307 RTD0005478 | Cape Ann Transportation Authority                 | 114220                 | ACQUIRE - MISC SUPPORT EQUIPMENT | 2019 - \$11,296         | \$11,296      | \$2,824     | \$0  | \$0           | \$14,120      |
|                          | 5307 RTD0005997 | MetroWest Regional Transit Authority              | 114200                 | EQUIP/FACILITIES                 | 2019 - \$248,415        | \$248,415     | \$62,104    | \$0  | \$0           | \$310,519     |
|                          | 5307 RTD0005998 | MetroWest Regional Transit Authority              | 440000                 | Mobility Management              | 2019 - \$25,000         | \$25,000      | \$6,250     | \$0  | \$0           | \$31,250      |
|                          | 5307 RTD0005999 | MetroWest Regional Transit Authority              | 117C00                 | NON FIXED ROUTE ADA PARA SERV    | 2019 - \$1,300,000      | \$1,300,000   | \$325,000   | \$0  | \$0           | \$1,625,000   |
|                          | 5307 RTD0006000 | MetroWest Regional Transit Authority              | 113303                 | TERMINAL, INTERMODAL (TRANSIT)   | 2019 - \$150,000        | \$150,000     | \$37,500    | \$0  | \$0           | \$187,500     |
|                          | 5307 RTD0006361 | Massachusetts Bay Transportation Authority (MBTA) | 121200                 | Revenue Vehicle Program          |                         | \$40,000,000  | \$0         | \$0  | \$10,000,000  | \$50,000,000  |
|                          | 5307 RTD0006362 | Massachusetts Bay Transportation Authority (MBTA) | 123400                 | Stations and Facilities Program  |                         | \$44,000,000  | \$0         | \$0  | \$11,000,000  | \$55,000,000  |
|                          | 5307 RTD0006363 | Massachusetts Bay Transportation Authority (MBTA) | 126301                 | Systemwide Signals Program       |                         | \$61,840,976  | \$0         | \$0  | \$15,460,244  | \$77,301,220  |
|                          |                 |   |                        | Subtotal                         |                         | \$147,965,687 | \$443,678   | \$0  | \$36,547,744  | \$184,957,109 |
| <b>5309</b>              |                 |   |                        |                                  |                         |               |             |      |               |               |
|                          | 5309 RTD0005987 | Massachusetts Bay Transportation Authority (MBTA) | 132303                 | Green Line Extension Project     |                         | \$150,000,000 | \$0         | \$0  | \$147,848,038 | \$297,848,038 |
|                          |                 |   |                        | Subtotal                         |                         | \$150,000,000 | \$0         | \$0  | \$147,848,038 | \$297,848,038 |
| <b>5310</b>              |                 |   |                        |                                  |                         |               |             |      |               |               |
|                          |                 |   |                        | Subtotal                         |                         | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>5311</b>              |                 |   |                        |                                  |                         |               |             |      |               |               |
|                          |                 |   |                        | Subtotal                         |                         | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>5337</b>              |                 |   |                        |                                  |                         |               |             |      |               |               |
|                          | 5337 RTD0006364 | Massachusetts Bay Transportation Authority (MBTA) | 122405                 | Bridge & Tunnel Program          |                         | \$24,000,000  | \$0         | \$0  | \$6,000,000   | \$30,000,000  |
|                          | 5337 RTD0006365 | Massachusetts Bay Transportation Authority (MBTA) | 123402                 | Elevator Program                 |                         | \$48,000,000  | \$0         | \$0  | \$12,000,000  | \$60,000,000  |
|                          | 5337 RTD0006366 | Massachusetts Bay Transportation Authority (MBTA) | 123400                 | Stations and Facilities Program  |                         | \$47,347,989  | \$0         | \$0  | \$11,836,997  | \$59,184,986  |
|                          | 5337 RTD0006367 | Massachusetts Bay Transportation Authority (MBTA) | 124400                 | System Upgrades Program          |                         | \$28,000,000  | \$0         | \$0  | \$7,000,000   | \$35,000,000  |
|                          |                 |   |                        | Subtotal                         |                         | \$147,347,989 | \$0         | \$0  | \$36,836,997  | \$184,184,986 |
| <b>5339</b>              |                 |   |                        |                                  |                         |               |             |      |               |               |
|                          | 5339 RTD0006368 | Massachusetts Bay Transportation Authority (MBTA) | 111400                 | Bus Program                      |                         | \$5,552,214   | \$0         | \$0  | \$1,388,053   | \$6,940,267   |
|                          |                 |   |                        | Subtotal                         |                         | \$5,552,214   | \$0         | \$0  | \$1,388,053   | \$6,940,267   |
| <b>5320</b>              |                 |   |                        |                                  |                         |               |             |      |               |               |
|                          |                 |   |                        | Subtotal                         |                         | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>Other Federal</b>     |                 |   |                        |                                  |                         |               |             |      |               |               |
|                          |                 |   |                        | Subtotal                         |                         | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>Other Non-Federal</b> |                 |   |                        |                                  |                         |               |             |      |               |               |
|                          |                 |   |                        | Subtotal                         |                         | \$0           | \$0         | \$0  | \$0           | \$0           |
|                          |                 |   |                        | Total                            |                         | \$450,865,890 | \$443,678   | \$0  | \$222,620,832 | \$673,930,400 |

Funds listed under the Carry Over column are included in the Federal Amount



# 2021 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼ | STIP Program ▼ | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|

## Section 1A / Regionally Prioritized Projects

### Regionally Prioritized Projects

|  |        |               |            |  |    |      |               |               |              |  |
|--|--------|---------------|------------|--|----|------|---------------|---------------|--------------|--|
| Roadway reconstruction program         | 608228 | Boston Region | Framingham | FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET   | 3  | HSIP | \$ 1,509,587  | \$ 1,358,628  | \$ 150,959   | Construction; STP+HSIP+TAP Total Cost = \$10,304,881; MPO Evaluation Score = 58  |
| Roadway reconstruction program         | 608228 | Boston Region | Framingham | FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET   | 3  | TAP  | \$ 1,006,391  | \$ 805,113    | \$ 201,278   | Construction; STP+HSIP+TAP Total Cost = \$10,304,881; MPO Evaluation Score = 58  |
| Roadway reconstruction program         | 608228 | Boston Region | Framingham | FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET   | 3  | STP  | \$ 7,788,903  | \$ 6,231,122  | \$ 1,557,781 | Construction; STP+HSIP+TAP Total Cost = \$10,304,881; MPO Evaluation Score = 58  |
| Intersection improvements program      | 606130 | Boston Region | Norwood    | NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET  | 5  | CMAQ | \$ 1,000,000  | \$ 800,000    | \$ 200,000   | Construction; CMAQ+STP Total Cost = \$3,668,437; MPO Evaluation Score = 53   |
| Intersection improvements program      | 606130 | Boston Region | Norwood    | NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET  | 5  | STP  | \$ 2,668,437  | \$ 2,134,750  | \$ 533,687   | Construction; CMAQ+STP Total Cost = \$3,668,437; MPO Evaluation Score = 53   |
| Planning / Adjustments / Pass-throughs | 608347 | Boston Region | Beverly    | BEVERLY- INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A), COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY STREET @ BALCH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS | 4  | HSIP | \$ 2,339,729  | \$ 2,105,756  | \$ 233,973   | Construction; HSIP+CMAQ Total Cost = \$3,360,000; MPO Evaluation Score = 63  |
| Planning / Adjustments / Pass-throughs | 608347 | Boston Region | Beverly    | BEVERLY- INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A), COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY STREET @ BALCH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS | 4  | CMAQ | \$ 1,020,271  | \$ 816,217    | \$ 204,054   | Construction; HSIP+CMAQ Total Cost = \$3,360,000; MPO Evaluation Score = 63  |
| Planning / Adjustments / Pass-throughs | BN0009 | Boston Region | Multiple   | COMMUNITY TRANSPORTATION PROGRAM   | NA | CMAQ | \$ 1,000,000  | \$ 800,000    | \$ 200,000   | Planning, Design, or Construction; Set Aside for LRTP Clean Air and Mobility Program   |
| Planning / Adjustments / Pass-throughs | 1570   | Boston Region | Multiple   | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR   | 6  | CMAQ | \$ 10,000,000 | \$ 8,000,000  | \$ 2,000,000 | Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 6 of 6; funding flexed to FTA; match provided by local contributions |
| Planning / Adjustments / Pass-throughs | 1570   | Boston Region | Multiple   | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR   | 6  | STP  | \$ 19,700,000 | \$ 15,760,000 | \$ 3,940,000 | Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 6 of 6; funding flexed to FTA; match provided by local contributions |
| Roadway reconstruction program         | 606501 | Boston Region | Holbrook   | HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET   | 5  | TAP  | \$ 289,088    | \$ 231,270    | \$ 57,818    | Construction; TAP+STP+Earmark Total Cost = \$2,890,880; MPO Evaluation Score = 45  |
| Roadway reconstruction program         | 606501 | Boston Region | Holbrook   | HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET   | 5  | STP  | \$ 1,074,542  | \$ 859,634    | \$ 214,908   | Construction; TAP+STP+Earmark Total Cost = \$2,890,880; MPO Evaluation Score = 45  |
| Roadway reconstruction program         | 606226 | Boston Region | Boston     | BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE   | 6  | TAP  | \$ 2,183,253  | \$ 1,746,602  | \$ 436,651   | Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$76,500,000   |
| Roadway reconstruction program         | 606226 | Boston Region | Boston     | BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE   | 6  | STP  | \$ 24,997,494 | \$ 19,997,995 | \$ 4,999,499 | Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$76,626,515   |

# 2021 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼              | STIP Program ▼                 | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼  | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|--|--------------------------------|----------------------|--------------------------------------|---------------------|--|--------------------|------------------|--------------------------|-----------------|---------------------|--|
|  | Bridge Program                 | 604996               | Boston Region                        | Woburn              | WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA                                    | 4                  | STP              | \$ 17,026,434            | \$ 13,621,147   | \$ 3,405,287        | Construction; Total Cost = \$17,026,434; MPO Evaluation Score = 55   |
|  | Roadway reconstruction program | 601607               | Boston Region                        | Hull                | HULL- RECONSTRUCTION OF ATLANTIC AVENUE AND RELATED WORK FROM NANTASKET AVENUE TO COHASSET TOWN LINE | 5                  | STP              | \$ 6,693,980             | \$ 5,355,184    | \$ 1,338,796        | Construction; Total Cost = \$6,693,980; MPO Evaluation Score = 44  |
| Regionally Prioritized Projects subtotal ▶ |                                |                      |                                      |                     |  |                    |                  | \$ 100,298,109           | \$ 80,623,419   | \$ 19,674,690       | ◀ 80% Federal + 20% Non-Federal  |

## ▶ Section 1A / Fiscal Constraint Analysis

**Section 1A Instructions:** MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculates. Please verify the amount and only change if needed for flex. Column K) Non-federal funds autocalculates. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format.

| Total Regional Federal Aid Funds Programmed ▶ | \$ 100,298,109 | \$ 100,298,110 | ◀ Total Budget \$ 1 | Target Funds Available              |
|---|----------------|----------------|---------------------|-------------------------------------|
| STP programmed ▶                              | \$ 79,949,790  | \$ 82,330,538  | ◀ Max STP           | \$ 2,380,748 STP available          |
| HSIP programmed ▶                             | \$ 3,849,316   | \$ 4,296,710   | ◀ Min. HSIP         | \$ 447,394 HSIP recommended not met |
| CMAQ programmed ▶                             | \$ 13,020,271  | \$ 10,741,776  | ◀ Min. CMAQ         | \$ (2,278,495) CMAQ recommended met |
| TAP programmed ▶                              | \$ 3,478,732   | \$ 2,929,085   | ◀ Min. TAP          | \$ (549,647) TAP amount exceeded!   |
| Remaining HSIP, CMAQ, and TAP Funds \$ 1      |                |                |                     |                                     |

## ▶ Section 1B / Earmark or Discretionary Grant Funded Projects

### ▶ Other Federal Aid

|                              |        |               |                |  |   |     |              |               |              |               |  |
|------------------------------|--------|---------------|----------------|--|---|-----|--------------|---------------|--------------|---------------|--|
| Earmark Discretionary        | 606226 | Boston Region | Municipalities | BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE                         | 6 | HPP | \$ 126,970   | \$ 101,576    | \$ 25,394    | Demo ID MA183 |  |
| Earmark Discretionary        | 606226 | Boston Region | Municipalities | BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE                         | 6 | HPP | \$ 8,451,960 | \$ 6,761,568  | \$ 1,690,392 | Demo ID MA210 |  |
| Earmark Discretionary        | 606501 | Boston Region | Municipalities | HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET | 5 | HPP | \$ 1,527,250 | \$ 1,221,800  | \$ 305,450   | Demo ID MA177 |  |
| Other Federal Aid subtotal ▶ |        |               |                |  |   |     |              | \$ 10,106,180 | \$ 8,084,944 | \$ 2,021,236  | ◀ Funding Split Varies by Funding Source |

## ▶ Section 2A / State Prioritized Reliability Projects

### ▶ Bridge Program / Inspections

| Bridge Program                          | Project # | MPO | Municipalities | Description | District | NHPP | \$ - | \$ - | \$ - |  |
|---|-----------|-----|----------------|-------------|----------|------|------|------|------|--|
| Bridge Program / Inspections subtotal ▶ |           |     |                |             |          |      | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |

### ▶ Bridge Program / Off-System

|  |        |               |         |   |   |            |              |              |              |              |                                 |
|--|--------|---------------|---------|---|---|------------|--------------|--------------|--------------|--------------|---------------------------------|
| Bridge Program                         | 608637 | Boston Region | Maynard | MAYNARD- BRIDGE REPLACEMENT, M-10-006, CARRYING FLORIDA ROAD OVER THE ASSABET RIVER | 3 | STP-BR-OFF | \$ 1,589,840 | \$ 1,271,872 | \$ 317,968   | Construction |                                 |
| Bridge Program / Off-System subtotal ▶ |        |               |         |   |   |            |              | \$ 1,589,840 | \$ 1,271,872 | \$ 317,968   | ◀ 80% Federal + 20% Non-Federal |

### ▶ Bridge Program / On-System (NHS)

|   |        |               |            |   |   |         |               |               |               |   |  |
|---|--------|---------------|------------|---|---|---------|---------------|---------------|---------------|---|--|
| Bridge Program                              | 608703 | Boston Region | Wilmington | WILMINGTON- BRIDGE REPLACEMENT, W-38-029 (2KV), ST 129 LOWELL STREET OVER I 93                | 4 | NHPP-On | \$ 16,546,880 | \$ 13,237,504 | \$ 3,309,376  | Construction  |  |
| Bridge Program                              | 607327 | Boston Region | Wilmington | WILMINGTON- BRIDGE REPLACEMENT, W-38-002, ROUTE 38 (MAIN STREET) OVER THE B&M RAILROAD        | 4 | NHPP-On | \$ 10,760,960 | \$ 8,608,768  | \$ 2,152,192  | Construction  |  |
| Bridge Program                              | 604173 | Boston Region | Boston     | BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR | 6 | NHPP-On | \$ 18,666,616 | \$ 14,933,293 | \$ 3,733,323  | Construction / AC Year 5 of 5, Total Cost \$144,066,616 |  |
| Bridge Program / On-System (NHS) subtotal ▶ |        |               |            |   |   |         |               | \$ 45,974,456 | \$ 36,779,565 | \$ 9,194,891  | ◀ Funding Split Varies by Funding Source |

# 2021 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼                                  | STIP Program ▼            | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼   | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|--|---------------------------|----------------------|--------------------------------------|---------------------|---|--------------------|------------------|--------------------------|-----------------|---------------------|--|
| <b>► Bridge Program / On-System (Non-NHS)</b>                  |                           |                      |                                      |                     |   |                    |                  |                          |                 |                     |  |
|  | Bridge Program            | 608522               | Boston Region                        | Middleton           | MIDDLETON- BRIDGE REPLACEMENT, M-20-003, ROUTE 62 (MAPLE STREET) OVER IPSWICH RIVER   | 4                  | NHPP-Off         | \$ 3,933,440             | \$ 3,146,752    | \$ 786,688          | Construction   |
|  | Bridge Program            | 608596               | Boston Region                        | Essex               | ESSEX- SUPERSTRUCTURE REPLACEMENT, E-11-001 (2TV), ROUTE 133/MAIN STREET OVER ESSEX RIVER   | 4                  | NHPP-Off         | \$ 4,028,000             | \$ 3,222,400    | \$ 805,600          | Construction   |
|  | Bridge Program            | 608009               | Boston Region                        | Boxborough          | BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495  | 3                  | NHPP-Off         | \$ 5,147,500             | \$ 4,118,000    | \$ 1,029,500        | Construction / AC Year 2 of 2, Total Cost \$14,295,000   |
| Bridge Program / On-System (Non-NHS) subtotal ►                |                           |                      |                                      |                     |   |                    |                  | \$ 13,108,940            | \$ 10,487,152   | \$ 2,621,788        | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Bridge Program / Systematic Maintenance</b>               |                           |                      |                                      |                     |   |                    |                  |                          |                 |                     |  |
|  | Bridge Program            | Project #            | MPO                                  | Municipalities      | Description   | District           | NHPP-On          | \$ -                     | \$ -            | \$ -                |  |
| Bridge Program / Systematic Maintenance subtotal ►             |                           |                      |                                      |                     |   |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ Funding Split Varies by Funding Source   |
| <b>► Interstate Pavement</b>                                   |                           |                      |                                      |                     |   |                    |                  |                          |                 |                     |  |
|  | Interstate Pavement       | Project #            | MPO                                  | Multiple            | Description   | District           | NHPP             | \$ -                     | \$ -            | \$ -                |  |
| Interstate Pavement subtotal ►                                 |                           |                      |                                      |                     |   |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 90% Federal + 10% Non-Federal  |
| <b>► Non-Interstate Pavement</b>                               |                           |                      |                                      |                     |   |                    |                  |                          |                 |                     |  |
|  | Non-Interstate Pavement   | 608493               | Boston Region                        | Topsfield           | TOPSFIELD- RESURFACING AND RELATED WORK ON ROUTE 1  | 4                  | NHPP             | \$ 9,119,040             | \$ 7,295,232    | \$ 1,823,808        | Construction   |
|  | Non-Interstate Pavement   | 608495               | Boston Region                        | Multiple            | CONCORD- LEXINGTON- LINCOLN- RESURFACING AND RELATED WORK ON ROUTE 2A   | 4                  | NHPP             | \$ 3,171,840             | \$ 2,537,472    | \$ 634,368          | Construction   |
|  | Non-Interstate Pavement   | 608498               | Boston Region                        | Multiple            | HINGHAM- WEMOUTH- BRAINTREE- RESURFACING AND RELATED WORK ON ROUTE 53   | 5                  | NHPP             | \$ 7,929,600             | \$ 6,343,680    | \$ 1,585,920        | Construction   |
| Non-Interstate Pavement subtotal ►                             |                           |                      |                                      |                     |   |                    |                  | \$ 20,220,480            | \$ 16,176,384   | \$ 4,044,096        | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Roadway Improvements</b>                                  |                           |                      |                                      |                     |   |                    |                  |                          |                 |                     |  |
|  | Roadway Improvements      | Project #            | MPO                                  | N/A                 | Description   | District           | STP              | \$ -                     | \$ -            | \$ -                |  |
| Roadway Improvements subtotal ►                                |                           |                      |                                      |                     |   |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Safety Improvements</b>                                   |                           |                      |                                      |                     |   |                    |                  |                          |                 |                     |  |
|  | Safety Improvements       | Project #            | MPO                                  | Multiple            | Description   | District           | STP              | \$ -                     | \$ -            | \$ -                |  |
| Safety Improvements subtotal ►                                 |                           |                      |                                      |                     |   |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ Funding Split Varies by Funding Source   |
| <b>► Section 2B / State Prioritized Modernization Projects</b> |                           |                      |                                      |                     |   |                    |                  |                          |                 |                     |  |
| <b>► ADA Retrofits</b>   |                           |                      |                                      |                     |   |                    |                  |                          |                 |                     |  |
|  | ADA Retrofits             | Project #            | Statewide                            | Multiple            | Description   | 4                  | STP              | \$ -                     | \$ -            | \$ -                |  |
| ADA Retrofits subtotal ►                                       |                           |                      |                                      |                     |   |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Intersection Improvements</b>                             |                           |                      |                                      |                     |   |                    |                  |                          |                 |                     |  |
|  | Intersection Improvements | 608566               | Boston Region                        | Marlborough         | MARLBOROUGH- IMPROVEMENTS AT ROUTE 20 (EAST MAIN STREET) AT CURTIS AVENUE   | 3                  | HSIP             | \$ 2,784,000             | \$ 2,505,600    | \$ 278,400          | Construction / PSAC score 51.5   |
|  | Intersection Improvements | 608567               | Boston Region                        | Peabody             | PEABODY- IMPROVEMENTS AT ROUTE 114 AT SYLVAN STREET, CROSS STREET, NORTHSHORE MALL, LORIS ROAD, ROUTE 128 INTERCHANGE AND ESQUIRE DRIVE | 4                  | HSIP             | \$ 2,784,000             | \$ 2,505,600    | \$ 278,400          | Construction / PSAC score 61.5   |
|  | Intersection Improvements | 607342               | Boston Region                        | Milton              | MILTON- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 28 (RANDOLPH AVENUE) & CHICKATAWBUT ROAD   | 6                  | HSIP             | \$ 1,531,200             | \$ 1,378,080    | \$ 153,120          | Construction / PSAC score 43   |
|  | Intersection Improvements | 608569               | Boston Region                        | Quincy              | QUINCY- INTERSECTION IMPROVEMENTS AT ROUTE 3A (SOUTHERN ARTERY) AND BROAD STREET  | 6                  | HSIP             | \$ 2,784,000             | \$ 2,505,600    | \$ 278,400          | Construction / PSAC score 55   |
| Intersection Improvements subtotal ►                           |                           |                      |                                      |                     |   |                    |                  | \$ 9,883,200             | \$ 8,894,880    | \$ 988,320          | ◀ Funding Split Varies by Funding Source   |

# 2021 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼ | STIP Program ▼ | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|

## ► Intelligent Transportation Systems

| Intelligent Transportation System            | Project # | MPO | Municipalities | Description | District | NHPP | \$   | \$   | \$   |                                 |
|--|-----------|-----|----------------|-------------|----------|------|------|------|------|---------------------------------|
| Intelligent Transportation System subtotal ► |           |     |                |             |          |      | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

## ► Roadway Reconstruction

|                                   |        |               |          |   |   |      |               |               |              |  |
|-----------------------------------|--------|---------------|----------|---|---|------|---------------|---------------|--------------|--|
| Roadway Reconstruction            | 607901 | Boston Region | Dedham   | DEDHAM- PEDESTRIAN IMPROVEMENTS ALONG ELM STREET & RUSTCRAFT ROAD CORRIDORS | 6 | CMAQ | \$ 2,581,113  | \$ 2,064,890  | \$ 516,223   | Construction / PSAC score 51.25  |
| Roadway Reconstruction            | 607977 | Boston Region | Multiple | HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE            | 3 | NHPP | \$ 37,500,000 | \$ 30,000,000 | \$ 7,500,000 | Construction / Total Project Cost = \$270,000,000 / AC YR 2 of 6 / PSAC score 49 |
| Roadway Reconstruction subtotal ► |        |               |          |   |   |      | \$ 40,081,113 | \$ 32,064,890 | \$ 8,016,223 | ◀ 80% Federal + 20% Non-Federal  |

## ► Section 2C / State Prioritized Expansion Projects

### ► Bicycles and Pedestrians

|                                     |        |               |          |   |   |      |              |              |              |                                 |
|-------------------------------------|--------|---------------|----------|---|---|------|--------------|--------------|--------------|---------------------------------|
| Bicycles and Pedestrians            | 607329 | Boston Region | Multiple | WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION, FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L. | 4 | CMAQ | \$ 7,084,000 | \$ 5,667,200 | \$ 1,416,800 | Construction / PSAC score 32.5  |
| Bicycles and Pedestrians subtotal ► |        |               |          |   |   |      | \$ 7,084,000 | \$ 5,667,200 | \$ 1,416,800 | ◀ 80% Federal + 20% Non-Federal |

### ► Capacity

| Capacity            | Project # | MPO | Municipalities | Description | District | CMAQ | \$   | \$   | \$   |  |
|---------------------|-----------|-----|----------------|-------------|----------|------|------|------|------|--|
| Capacity subtotal ► |           |     |                |             |          |      | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |

## ► Section 3 / Planning / Adjustments / Pass-throughs

### ► Planning / Adjustments / Pass-throughs

|  |           |           |          |                    |          |      |      |      |      |  |
|--|-----------|-----------|----------|--------------------|----------|------|------|------|------|--|
| Planning / Adjustments / Pass-throughs | Project # | Statewide | Multiple | ABP GANS Repayment | Multiple | NHPP | \$ - | \$ - | \$ - |  |
| Other Statewide Items subtotal ►       |           |           |          |                    |          |      | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |

## ► Section 4 / Non-Federally Aided Projects

### ► Non-Federally Aided Projects

|                            |        |               |          |  |   |     |               |  |               |  |
|----------------------------|--------|---------------|----------|--|---|-----|---------------|--|---------------|--|
| Non Federal Aid            | 607977 | Boston Region | Multiple | HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE | 3 | NFA | \$ 18,112,483 |  | \$ 18,112,483 | Construction / Total Project Cost = \$270,000,000 / AC YR 2 of 6 / PSAC score 49 |
| Non-Federal Aid subtotal ► |        |               |          |  |   |     | \$ 18,112,483 |  | \$ 18,112,483 | ◀ 100% Non-Federal   |

## 2021 Summary

|                     | TIP Section 1 - 3: ▼ | TIP Section 4: ▼ | Total of All Projects ▼ |  |
|---------------------|----------------------|------------------|-------------------------|--|
| Total ►             | \$ 248,346,318       | \$ 18,112,483    | \$ 266,458,801          | ◀ Total Spending in Region             |
| Federal Funds ►     | \$ 200,050,306       |                  | \$ 200,050,306          | ◀ Total Federal Spending in Region     |
| Non-Federal Funds ► | \$ 48,296,012        | \$ 18,112,483    | \$ 66,408,495           | ◀ Total Non-Federal Spending in Region |

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

**Transportation Improvement Program (TIP)  
Project List (FY2021)**

| FTA Program              | Project Number  | Transit Agency                                    | FTA Activity Line Item | Project Description                                       | Carryover (unobligated) | Federal Funds | State Funds | TD C | Local Funds   | Total Cost    |
|--------------------------|-----------------|---|------------------------|---|-------------------------|---------------|-------------|------|---------------|---------------|
| <b>5307</b>              |                 |   |                        |   |                         |               |             |      |               |               |
|                          | 5307 RTD0005479 | Cape Ann Transportation Authority                 | 117A00                 | PREVENTIVE MAINTENANCE                                    | 2020 - \$350,000        | \$350,000     | \$87,500    | \$0  | \$0           | \$437,500     |
|                          | 5307 RTD0005480 | Cape Ann Transportation Authority                 | 114206                 | ACQUIRE - SHOP EQ/COMP/SFTWR                              | 2020 - \$40,000         | \$40,000      | \$10,000    | \$0  | \$0           | \$50,000      |
|                          | 5307 RTD0005163 | MetroWest Regional Transit Authority              | 440000                 | Mobility Management                                       | 2020 - \$25,000         | \$25,000      | \$6,250     | \$0  | \$0           | \$31,250      |
|                          | 5307 RTD0006003 | MetroWest Regional Transit Authority              | 117C00                 | NON FIXED ROUTE ADA PARA SERV                             | 2020 - \$1,300,000      | \$1,300,000   | \$325,000   | \$0  | \$0           | \$1,625,000   |
|                          | 5307 RTD0006004 | MetroWest Regional Transit Authority              | 113403                 | TERMINAL, INTERMODAL (TRANSIT) ACQUISITION OF BUS SUPPORT | 2020 - \$150,000        | \$150,000     | \$37,500    | \$0  | \$0           | \$187,500     |
|                          | 5307 RTD0006005 | MetroWest Regional Transit Authority              | 114200                 | EQUIP/FACILITIES  | 2020 - \$248,415        | \$248,415     | \$62,104    | \$0  | \$0           | \$310,519     |
|                          | 5307 RTD0006369 | Massachusetts Bay Transportation Authority (MBTA) | 121200                 | Revenue Vehicle Program                                   |                         | \$120,000,000 | \$0         | \$0  | \$30,000,000  | \$150,000,000 |
|                          | 5307 RTD0006370 | Massachusetts Bay Transportation Authority (MBTA) | 126301                 | Systemwide Signals Program                                |                         | \$25,840,976  | \$0         | \$0  | \$6,460,244   | \$32,301,220  |
|                          |                 |   |                        | Subtotal  |                         | \$147,954,391 | \$528,354   | \$0  | \$36,460,244  | \$184,942,989 |
| <b>5309</b>              |                 |   |                        |   |                         |               |             |      |               |               |
|                          | 5309 RTD0005988 | Massachusetts Bay Transportation Authority (MBTA) | 132303                 | Green Line Extension Project                              |                         | \$146,121,000 | \$0         | \$0  | \$147,848,038 | \$293,969,038 |
|                          |                 |   |                        | Subtotal  |                         | \$146,121,000 | \$0         | \$0  | \$147,848,038 | \$293,969,038 |
| <b>5310</b>              |                 |   |                        |   |                         |               |             |      |               |               |
|                          |                 |   |                        | Subtotal  |                         | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>5311</b>              |                 |   |                        |   |                         |               |             |      |               |               |
|                          |                 |   |                        | Subtotal  |                         | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>5337</b>              |                 |   |                        |   |                         |               |             |      |               |               |
|                          | 5337 RTD0006371 | Massachusetts Bay Transportation Authority (MBTA) | 122405                 | Bridge & Tunnel Program                                   |                         | \$96,000,000  | \$0         | \$0  | \$24,000,000  | \$120,000,000 |
|                          | 5337 RTD0006372 | Massachusetts Bay Transportation Authority (MBTA) | 123400                 | Stations and Facilities Program                           |                         | \$35,347,989  | \$0         | \$0  | \$8,836,997   | \$44,184,986  |
|                          | 5337 RTD0006373 | Massachusetts Bay Transportation Authority (MBTA) | 124400                 | System Upgrades Program                                   |                         | \$16,000,000  | \$0         | \$0  | \$4,000,000   | \$20,000,000  |
|                          |                 |   |                        | Subtotal  |                         | \$147,347,989 | \$0         | \$0  | \$36,836,997  | \$184,184,986 |
| <b>5339</b>              |                 |   |                        |   |                         |               |             |      |               |               |
|                          | 5339 RTD0006374 | Massachusetts Bay Transportation Authority (MBTA) | 111400                 | Bus Program   |                         | \$5,552,214   | \$0         | \$0  | \$1,388,053   | \$6,940,267   |
|                          |                 |   |                        | Subtotal  |                         | \$5,552,214   | \$0         | \$0  | \$1,388,053   | \$6,940,267   |
| <b>5320</b>              |                 |   |                        |   |                         |               |             |      |               |               |
|                          |                 |   |                        | Subtotal  |                         | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>Other Federal</b>     |                 |   |                        |   |                         |               |             |      |               |               |
|                          |                 |   |                        | Subtotal  |                         | \$0           | \$0         | \$0  | \$0           | \$0           |
| <b>Other Non-Federal</b> |                 |   |                        |   |                         |               |             |      |               |               |
|                          |                 |   |                        | Subtotal  |                         | \$0           | \$0         | \$0  | \$0           | \$0           |
|                          |                 |   |                        | Total   |                         | \$446,975,594 | \$528,354   | \$0  | \$222,533,332 | \$670,037,280 |

Funds listed under the Carry Over column are included in the Federal Amount

# 2022 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼                         | STIP Program ▼ | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼   | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|---|----------------|----------------------|--------------------------------------|---------------------|---|--------------------|------------------|--------------------------|-----------------|---------------------|--|
| <b>► Section 1A / Regionally Prioritized Projects</b> |                |                      |                                      |                     |   |                    |                  |                          |                 |                     |  |
| <b>► Regionally Prioritized Projects</b>              |                |                      |                                      |                     |   |                    |                  |                          |                 |                     |  |
| Roadway reconstruction program                        |                | 606226               | Boston Region                        | Boston              | BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE  | 6                  | TAP              | \$ 2,000,000             | \$ 1,600,000    | \$ 400,000          | Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$76,500,000   |
| Roadway reconstruction program                        |                | 606226               | Boston Region                        | Boston              | BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE  | 6                  | STP              | \$ 40,445,768            | \$ 32,356,614   | \$ 8,089,154        | Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$76,626,515   |
| Intersection improvements program                     |                | 605857               | Boston Region                        | Norwood             | NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET   | 5                  | HSIP             | \$ 631,724               | \$ 568,552      | \$ 63,172           | Construction; HSIP+CMAQ+STP Total Cost = \$9,377,782; MPO Evaluation Score = 55  |
| Intersection improvements program                     |                | 605857               | Boston Region                        | Norwood             | NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET   | 5                  | CMAQ             | \$ 3,000,000             | \$ 2,400,000    | \$ 600,000          | Construction; HSIP+CMAQ+STP Total Cost = \$9,377,782; MPO Evaluation Score = 55  |
| Intersection improvements program                     |                | 605857               | Boston Region                        | Norwood             | NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET   | 5                  | STP              | \$ 5,746,058             | \$ 4,596,846    | \$ 1,149,212        | Construction; HSIP+CMAQ+STP Total Cost = \$9,377,782; MPO Evaluation Score = 55  |
| Adjustments / Planning                                |                | BN0009               | Boston Region                        | Multiple            | COMMUNITY TRANSPORTATION PROGRAM  | NA                 | CMAQ             | \$ 1,000,000             | \$ 800,000      | \$ 200,000          | Planning, Design, or Construction; Set Aside for LRTP Clean Air and Mobility Program   |
| Bicycles and pedestrians program                      |                | 607738               | Boston Region                        | Bedford             | BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.  | 4                  | CMAQ             | \$ 3,000,000             | \$ 2,400,000    | \$ 600,000          | Construction; CMAQ+TAP+STP Total Cost = \$4,647,192; MPO Evaluation Score = 47   |
| Bicycles and pedestrians program                      |                | 607738               | Boston Region                        | Bedford             | BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.  | 4                  | TAP              | \$ 350,000               | \$ 280,000      | \$ 70,000           | Construction; CMAQ+TAP+STP Total Cost = \$4,647,192; MPO Evaluation Score = 47   |
| Bicycles and pedestrians program                      |                | 607738               | Boston Region                        | Bedford             | BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.  | 4                  | STP              | \$ 4,512,878             | \$ 3,610,302    | \$ 902,576          | Construction; CMAQ+TAP+STP Total Cost = \$4,647,192; MPO Evaluation Score = 47   |
| Bicycles and pedestrians program                      |                | 608164               | Boston Region                        | Sudbury             | SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)  | 3                  | CMAQ             | \$ 3,000,000             | \$ 2,400,000    | \$ 600,000          | Construction; CMAQ+TAP+STP Total Cost = \$8,004,000; MPO Evaluation Score = 40   |
| Bicycles and pedestrians program                      |                | 608164               | Boston Region                        | Sudbury             | SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)  | 3                  | TAP              | \$ 500,000               | \$ 400,000      | \$ 100,000          | Construction; CMAQ+TAP+STP Total Cost = \$8,004,000; MPO Evaluation Score = 40   |
| Bicycles and pedestrians program                      |                | 608164               | Boston Region                        | Sudbury             | SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)  | 3                  | STP              | \$ 4,504,000             | \$ 3,603,200    | \$ 900,800          | Construction; CMAQ+TAP+STP Total Cost = \$8,004,000; MPO Evaluation Score = 40   |
| Roadway reconstruction program                        |                | 607777               | Boston Region                        | Watertown           | WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)   | 6                  | HSIP             | \$ 2,000,000             | \$ 1,800,000    | \$ 200,000          | Construction; HSIP+CMAQ+STP Total Cost = \$14,190,425; MPO Evaluation Score = 75   |
| Roadway reconstruction program                        |                | 607777               | Boston Region                        | Watertown           | WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)   | 6                  | CMAQ             | \$ 1,000,000             | \$ 800,000      | \$ 200,000          | Construction; HSIP+CMAQ+STP Total Cost = \$14,190,425; MPO Evaluation Score = 75   |
| Roadway reconstruction program                        |                | 607777               | Boston Region                        | Watertown           | WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)   | 6                  | STP              | \$ 11,190,425            | \$ 8,952,340    | \$ 2,238,085        | Construction; HSIP+CMAQ+STP Total Cost = \$14,190,425; MPO Evaluation Score = 75   |
| Roadway reconstruction program                        |                | 608078               | Boston Region                        | Chelsea             | CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.                                 | 6                  | CMAQ             | \$ 1,000,000             | \$ 800,000      | \$ 200,000          | Construction; CMAQ+STP Total Cost = \$9,028,628; MPO Evaluation Score = 61   |
| Roadway reconstruction program                        |                | 608078               | Boston Region                        | Chelsea             | CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.                                 | 6                  | STP              | \$ 8,028,628             | \$ 6,422,902    | \$ 1,605,726        | Construction; CMAQ+STP Total Cost = \$9,028,628; MPO Evaluation Score = 61   |
| Roadway reconstruction program                        |                | 608229               | Boston Region                        | Acton               | ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET) | 3                  | CMAQ             | \$ 1,000,000             | \$ 800,000      | \$ 200,000          | Construction; CMAQ+TAP+STP Total Cost = \$8,671,000; MPO Evaluation Score = 45   |
| Roadway reconstruction program                        |                | 608229               | Boston Region                        | Acton               | ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET) | 3                  | TAP              | \$ 200,000               | \$ 160,000      | \$ 40,000           | Construction; CMAQ+TAP+STP Total Cost = \$8,671,000; MPO Evaluation Score = 45   |

# 2022 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼              | STIP Program ▼                 | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼   | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|--|--------------------------------|----------------------|--------------------------------------|---------------------|---|--------------------|------------------|--------------------------|-----------------|---------------------|--|
|  | Roadway reconstruction program | 608229               | Boston Region                        | Acton               | ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET) | 3                  | STP              | \$ 7,471,000             | \$ 5,976,800    | \$ 1,494,200        | Construction; CMAQ+TAP+STP Total Cost = \$8,671,000; MPO Evaluation Score = 45   |
|  | Roadway reconstruction program | 608146               | Boston Region                        | Marblehead          | MARBLEHEAD- INTERSECTION IMPROVEMENTS AT PLEASANT STREET & VILLAGE, VINE AND CROSS STREETS                                | 4                  | STP              | \$ 959,378               | \$ 767,502      | \$ 191,876          | Construction; STP Total Cost = \$959,378; MPO Evaluation Score = 40  |
| Regionally Prioritized Projects subtotal ▶ |                                |                      |                                      |                     |   |                    |                  | \$ 49,716,309            | \$ 39,973,047   | \$ 9,743,262        | ◀ 80% Federal + 20% Non-Federal  |

## ▶ Section 1A / Fiscal Constraint Analysis

**Section 1A instructions:** MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculate. Please verify the amount and only change if needed for flex. Column K) Non-federal funds autocalculate. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format.

| Total Regional Federal Aid Funds Programmed ▶ | \$ 101,539,859 | \$ 101,539,859 | ◀ Total     | \$ (0)         | Funds Over Programmed    |
|---|----------------|----------------|-------------|----------------|--------------------------|
| STP programmed ▶                              | \$ 82,858,135  | \$ 83,572,288  | ◀ Max STP   | \$ 714,153     | STP available            |
| HSIP programmed ▶                             | \$ 2,631,724   | \$ 4,296,710   | ◀ Min. HSIP | \$ 1,664,986   | HSIP recommended not met |
| CMAQ programmed ▶                             | \$ 13,000,000  | \$ 10,741,776  | ◀ Min. CMAQ | \$ (2,258,224) | CMAQ recommended met     |
| TAP programmed ▶                              | \$ 3,050,000   | \$ 2,929,085   | ◀ Min. TAP  | \$ (120,915)   | TAP amount exceeded!     |
| HSIP, CMAQ, TAP Overprogrammed \$             |                | (0)            |             |                |                          |

## ▶ Section 1B / Earmark or Discretionary Grant Funded Projects

### ▶ Other Federal Aid

| Earmark Discretionary        | Project # | Boston | Municipalities | Description | District | HPP | \$ - | \$ - | \$ - |  |
|------------------------------|-----------|--------|----------------|-------------|----------|-----|------|------|------|--|
| Earmark Discretionary        | Project # | Boston | Municipalities | Description | District | HPP | \$ - | \$ - | \$ - |  |
| Other Federal Aid subtotal ▶ |           |        |                |             |          |     | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |

## ▶ Section 2A / State Prioritized Reliability Projects

### ▶ Bridge Program / Inspections

| Bridge Program                          | Project # | Statewide | Multiple | Description | Multiple | NHPP | \$ - | \$ - | \$ - |  |
|---|-----------|-----------|----------|-------------|----------|------|------|------|------|--|
| Bridge Program / Inspections subtotal ▶ |           |           |          |             |          |      | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |

### ▶ Bridge Program / Off-System

| Bridge Program                         | Project # | MPO | N/A | Description | District | STP-BR-OFF | \$ - | \$ - | \$ - |                                 |
|--|-----------|-----|-----|-------------|----------|------------|------|------|------|---------------------------------|
| Bridge Program / Off-System subtotal ▶ |           |     |     |             |          |            | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

### ▶ Bridge Program / On-System (NHS)

| Bridge Program                              | Project # | Boston Region | Boston | BOSTON- SUPERSTRUCTURE REPAIRS ON B-16-365, BOWKER OVERPASS OVER STORROW DRIVE (EB) | 6 | NHPP-On | \$ 24,009,680 | \$ 19,207,744 | \$ 4,801,936 |  |
|---|-----------|---------------|--------|---|---|---------|---------------|---------------|--------------|--|
| Bridge Program / On-System (NHS) subtotal ▶ |           |               |        |   |   |         | \$ 24,009,680 | \$ 19,207,744 | \$ 4,801,936 | ◀ Funding Split Varies by Funding Source |

### ▶ Bridge Program / On-System (Non-NHS)

| Bridge Program                                  | Project # | MPO | Municipalities | Description | District | NHPP-Off | \$ - | \$ - | \$ - |                                 |
|---|-----------|-----|----------------|-------------|----------|----------|------|------|------|---------------------------------|
| Bridge Program / On-System (Non-NHS) subtotal ▶ |           |     |                |             |          |          | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

### ▶ Bridge Program / Systematic Maintenance

| Bridge Program                                     | Project # | MPO | Municipalities | Description | District | NHPP-On | \$ - | \$ - | \$ - |  |
|--|-----------|-----|----------------|-------------|----------|---------|------|------|------|--|
| Bridge Program / Systematic Maintenance subtotal ▶ |           |     |                |             |          |         | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |

### ▶ Interstate Pavement

| Interstate Pavement            | Project # | Boston Region | Multiple | FOXBOROUGH- PLAINVILLE- WRENTHAM- FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495 | 5 | NHPP | \$ 11,497,920 | \$ 10,348,128 | \$ 1,149,792 |                                 |
|--------------------------------|-----------|---------------|----------|--|---|------|---------------|---------------|--------------|---------------------------------|
| Interstate Pavement subtotal ▶ |           |               |          |  |   |      | \$ 11,497,920 | \$ 10,348,128 | \$ 1,149,792 | ◀ 90% Federal + 10% Non-Federal |

# 2022 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼                                  | STIP Program ▼                     | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼                                    | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|--|------------------------------------|----------------------|--------------------------------------|---------------------|--|--------------------|------------------|--------------------------|-----------------|---------------------|--|
| <b>► Non-Interstate Pavement</b>                               |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Non-Interstate Pavement            | 608817               | Boston Region                        | Multiple            | SALEM- LYNN- RESURFACING AND RELATED WORK ON ROUTE 107           | 4                  | NHPP             | \$ 2,566,500             | \$ 2,053,200    | \$ 513,300          | Construction   |
|  | Non-Interstate Pavement            | 608818               | Boston Region                        | Danvers             | DANVERS- RESURFACING AND RELATED WORK ON ROUTE 114               | 4                  | NHPP             | \$ 1,916,320             | \$ 1,533,056    | \$ 383,264          | Construction   |
| Non-Interstate Pavement subtotal ►                             |                                    |                      |                                      |                     |  |                    |                  | \$ 4,482,820             | \$ 3,586,256    | \$ 896,564          | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Roadway Improvements</b>                                  |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Roadway Improvements               | Project #            | MPO                                  | N/A                 | Description  | 5                  | STP              | \$ -                     | \$ -            | \$ -                |  |
| Roadway Improvements subtotal ►                                |                                    |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Safety Improvements</b>                                   |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Safety Improvements                | Project #            | MPO                                  | N/A                 | Description  | Multiple           | HSIP             | \$ -                     | \$ -            | \$ -                |  |
| Safety Improvements subtotal ►                                 |                                    |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ Funding Split Varies by Funding Source   |
| <b>► Section 2B / State Prioritized Modernization Projects</b> |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
| <b>► ADA Retrofits</b>   |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | ADA Retrofits                      | Project #            | MPO                                  | Municipalities      | Description  | District           | STP              | \$ -                     | \$ -            | \$ -                |  |
| ADA Retrofits subtotal ►                                       |                                    |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Intersection Improvements</b>                             |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Intersection Improvements          | Project #            | MPO                                  | Municipalities      | Description  | District           | HSIP             | \$ -                     | \$ -            | \$ -                |  |
| Intersection Improvements subtotal ►                           |                                    |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ Funding Split Varies by Funding Source   |
| <b>► Intelligent Transportation Systems</b>                    |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Intelligent Transportation Systems | Project #            | MPO                                  | Municipalities      | Description  | District           | NHPP             | \$ -                     | \$ -            | \$ -                |  |
| Intelligent Transportation System subtotal ►                   |                                    |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Roadway Reconstruction</b>                                |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Roadway Reconstruction             | 607977               | Boston Region                        | Multiple            | HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE | 3                  | NHPP             | \$ 37,500,000            | \$ 30,000,000   | \$ 7,500,000        | Construction / Total Project Cost = \$270,000,000 / AC YR 3 of 6 / PSAC score 49   |
| Roadway Reconstruction subtotal ►                              |                                    |                      |                                      |                     |  |                    |                  | \$ 37,500,000            | \$ 30,000,000   | \$ 7,500,000        | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Section 2C / State Prioritized Expansion Projects</b>     |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
| <b>► Bicycles and Pedestrians</b>                              |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Bicycles and Pedestrians           | Project #            | MPO                                  | N/A                 | Description  | District           | CMAQ             | \$ -                     | \$ -            | \$ -                |  |
| Bicycles and Pedestrians subtotal ►                            |                                    |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ 80% Federal + 20% Non-Federal  |
| <b>► Capacity</b>  |                                    |                      |                                      |                     |  |                    |                  |                          |                 |                     |  |
|  | Capacity                           | Project #            | MPO                                  | Municipalities      | Description  | District           | CMAQ             | \$ -                     | \$ -            | \$ -                |  |
| Capacity subtotal ►  |                                    |                      |                                      |                     |  |                    |                  | \$ -                     | \$ -            | \$ -                | ◀ Funding Split Varies by Funding Source   |



# 2022 Boston Region Transportation Improvement Program

| Amendment / Adjustment Type ▼ | STIP Program ▼ | MassDOT Project ID ▼ | Metropolitan Planning Organization ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼<br><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information |
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|
|-------------------------------|----------------|----------------------|--------------------------------------|---------------------|-------------------------------|--------------------|------------------|--------------------------|-----------------|---------------------|--|

## ► Section 3 / Planning / Adjustments / Pass-throughs

### ► Planning / Adjustments / Pass-throughs

| Planning / Adjustments / Pass-throughs | Project # | Statewide | Multiple | Description | Multiple | NHPP | \$ | \$ | \$ |   |    |   |  |
|--|-----------|-----------|----------|-------------|----------|------|----|----|----|---|----|---|--|
|  |           |           |          |             |          |      | -  | -  | -  |   |    |   |  |
| Other Statewide Items subtotal ►       |           |           |          |             |          |      | \$ | -  | \$ | - | \$ | - | ◀ Funding Split Varies by Funding Source |

## ► Section 4 / Non-Federally Aided Projects

### ► Non-Federally Aided Projects

| Non Federal Aid            | 607977 | Boston Region | Multiple | HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE | 3 | NFA | \$ | 18,112,483 |  | \$ | 18,112,483 | Construction / Total Project Cost = \$270,000,000 / AC YR 3 of 6 / PSAC score 49 |
|----------------------------|--------|---------------|----------|--|---|-----|----|------------|--|----|------------|--|
| Non-Federal Aid subtotal ► |        |               |          |  |   |     | \$ | 18,112,483 |  | \$ | 18,112,483 | ◀ 100% Non-Federal   |

## 2022 Summary

|                     | TIP Section 1 - 3: ▼ | TIP Section 4: ▼ | Total of All Projects ▼ |  |
|---------------------|----------------------|------------------|-------------------------|--|
| Total ►             | \$ 127,206,729       | \$ 18,112,483    | #####                   | ◀ Total Spending in Region             |
| Federal Funds ►     | \$ 103,115,175       |                  | #####                   | ◀ Total Federal Spending in Region     |
| Non-Federal Funds ► | \$ 24,091,554        | \$ 18,112,483    | \$ 42,204,037           | ◀ Total Non-Federal Spending in Region |

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

**Transportation Improvement Program (TIP)  
Project List (FY2022)**

| FTA Program       | Project Number  | Transit Agency                                    | FTA Activity Line Item | Project Description                                      | Carryover (unobligated) | Federal Funds | State Funds | TD C | Local Funds  | Total Cost    |
|-------------------|-----------------|---|------------------------|--|-------------------------|---------------|-------------|------|--------------|---------------|
| 5307              |                 |   |                        |  |                         |               |             |      |              |               |
|                   | 5307 RTD0006090 | Cape Ann Transportation Authority                 | 117A00                 | PREVENTIVE MAINTENANCE                                   | 2021 - \$325,000        | \$325,000     | \$0         | \$0  | \$81,250     | \$406,250     |
|                   | 5307 RTD0006091 | Cape Ann Transportation Authority                 |                        | 114206 ACQUIRE - SHOP EQUIPMENT                          | 2021 - \$40,000         | \$40,000      | \$10,000    | \$0  | \$0          | \$50,000      |
|                   | 5307 RTD0006299 | MetroWest Regional Transit Authority              | 117C00                 | NON FIXED ROUTE ADA PARA SERV ACQUISITION OF BUS SUPPORT | 2021 - \$1,300,000      | \$1,300,000   | \$325,000   | \$0  | \$0          | \$1,625,000   |
|                   | 5307 RTD0006300 | MetroWest Regional Transit Authority              |                        | 114200 EQUIP/FACILITIES                                  | 2021 - \$248,415        | \$248,415     | \$62,104    | \$0  | \$0          | \$310,519     |
|                   | 5307 RTD0006301 | MetroWest Regional Transit Authority              |                        | 113403 TERMINAL, INTERMODAL (TRANSIT)                    | 2021 - \$150,000        | \$150,000     | \$37,500    | \$0  | \$0          | \$187,500     |
|                   | 5307 RTD0006302 | MetroWest Regional Transit Authority              |                        | 440000 Mobility Management                               | 2021 - \$25,000         | \$25,000      | \$6,250     | \$0  | \$0          | \$31,250      |
|                   | 5307 RTD0006375 | Massachusetts Bay Transportation Authority (MBTA) |                        | 121200 Revenue Vehicle Program                           |                         | \$80,000,000  | \$0         | \$0  | \$20,000,000 | \$100,000,000 |
|                   | 5307 RTD0006376 | Massachusetts Bay Transportation Authority (MBTA) |                        | 126301 Systemwide Signals Program                        |                         | \$65,840,976  | \$0         | \$0  | \$16,460,244 | \$82,301,220  |
|                   |                 |   |                        | Subtotal   |                         | \$147,929,391 | \$440,854   | \$0  | \$36,541,494 | \$184,911,739 |
| 5309              |                 |   |                        |  |                         |               |             |      |              |               |
|                   |                 |   |                        |  |                         | \$0           | \$0         | \$0  | \$0          | \$0           |
| 5310              |                 |   |                        |  |                         |               |             |      |              |               |
|                   |                 |   |                        |  |                         | \$0           | \$0         | \$0  | \$0          | \$0           |
| 5311              |                 |   |                        |  |                         |               |             |      |              |               |
|                   |                 |   |                        |  |                         | \$0           | \$0         | \$0  | \$0          | \$0           |
| 5337              |                 |   |                        |  |                         |               |             |      |              |               |
|                   | 5337 RTD0006377 | Massachusetts Bay Transportation Authority (MBTA) |                        | 122405 Bridge & Tunnel Program                           |                         | \$72,000,000  | \$0         | \$0  | \$18,000,000 | \$90,000,000  |
|                   | 5337 RTD0006378 | Massachusetts Bay Transportation Authority (MBTA) |                        | 123400 Stations and Facilities Program                   |                         | \$11,347,989  | \$0         | \$0  | \$2,836,997  | \$14,184,986  |
|                   | 5337 RTD0006379 | Massachusetts Bay Transportation Authority (MBTA) |                        | 126301 Systemwide Signals Program                        |                         | \$64,000,000  | \$0         | \$0  | \$16,000,000 | \$80,000,000  |
|                   |                 |   |                        | Subtotal   |                         | \$147,347,989 | \$0         | \$0  | \$36,836,997 | \$184,184,986 |
| 5339              |                 |   |                        |  |                         |               |             |      |              |               |
|                   | 5339 RTD0006380 | Massachusetts Bay Transportation Authority (MBTA) |                        | 111400 Bus Program                                       |                         | \$5,552,214   | \$0         | \$0  | \$1,388,053  | \$6,940,267   |
|                   |                 |   |                        | Subtotal   |                         | \$5,552,214   | \$0         | \$0  | \$1,388,053  | \$6,940,267   |
| 5320              |                 |   |                        |  |                         |               |             |      |              |               |
|                   |                 |   |                        |  |                         | \$0           | \$0         | \$0  | \$0          | \$0           |
| Other Federal     |                 |   |                        |  |                         |               |             |      |              |               |
|                   |                 |   |                        |  |                         | \$0           | \$0         | \$0  | \$0          | \$0           |
| Other Non-Federal |                 |   |                        |  |                         |               |             |      |              |               |
|                   |                 |   |                        |  |                         | \$0           | \$0         | \$0  | \$0          | \$0           |
|                   |                 |   |                        | Total  |                         | \$300,829,594 | \$440,854   | \$0  | \$74,766,544 | \$376,036,992 |

Funds listed under the Carry Over column are included in the Federal Amount