

2017 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|-------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|-------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

| | | | | | | | | | | |
|-----------------|--------|--------|-------------|---|---|------|--------------|--------------|------------|--|
| | 607309 | Boston | Hingham | HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET | 5 | HSIP | \$ 985,554 | \$ 886,999 | \$ 98,555 | HSIP+CMAQ+TAP+SW CMAQ Total Cost = \$6,716,047 |
| | 604935 | Boston | Woburn | WOBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT) | 4 | HSIP | \$ 3,564,628 | \$ 3,208,165 | \$ 356,463 | STP+HSIP Total Cost = \$4,752,838 |
| | 604810 | Boston | Marlborough | MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET) | 3 | HSIP | \$ 2,848,454 | \$ 2,563,609 | \$ 284,845 | HSIP+CMAQ+STP+SW CMAQ Total Cost = \$5,969,357 |
| HSIP Subtotal ► | | | | | | | \$ 7,398,636 | \$ 6,658,772 | \$ 739,864 | ◀ 90% Federal + 10% Non-Federal |

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

| | | | | | | | | | | |
|-----------------|--------|--------|-------------|---|-----|------|---------------|---------------|--------------|---|
| | 607309 | Boston | Hingham | HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET | 5 | CMAQ | \$ 3,195,430 | \$ 2,556,344 | \$ 639,086 | HSIP+CMAQ+TAP+SW CMAQ Total Cost = \$6,716,047 |
| | 604810 | Boston | Marlborough | MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET) | 3 | CMAQ | \$ 2,651,263 | \$ 2,121,010 | \$ 530,253 | HSIP+CMAQ+STP+SW CMAQ Total Cost = \$5,969,357 |
| | 1570 | Boston | Multiple | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR | N/A | CMAQ | \$ 13,427,220 | \$ 10,741,776 | \$ 2,685,444 | AC Yr 2 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit) |
| CMAQ Subtotal ► | | | | | | | \$ 19,273,913 | \$ 15,419,130 | \$ 3,854,783 | ◀ 80% Federal + 20% Non-Federal |

► TAP - Transportation Alternatives Program

| | | | | | | | | | | |
|----------------|--------|--------|---------|---|---|-----|------------|------------|------------|--|
| | 607309 | Boston | Hingham | HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET | 5 | TAP | \$ 746,785 | \$ 597,428 | \$ 149,357 | HSIP+CMAQ+TAP+SW CMAQ Total Cost = \$6,716,047 |
| TAP Subtotal ► | | | | | | | \$ 746,785 | \$ 597,428 | \$ 149,357 | ◀ 80% Federal + 20% Non-Federal |

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|--------------------------------------|-------------------------|--------|------------------------|---|-----------------------|---------------------|--------------------------------|--------------------|------------------------|--|
| ► Non-CMAQ/HSIP/TAP (Other) | | | | | | | | | | |
| | 29492 | Boston | Multiple | BEDFORD- BILLERICA- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III) | 4 | STP | \$ 6,604,906 | \$ 5,283,925 | \$ 1,320,981 | increase in funding source from \$3,794,185 to \$6,604,906; AC Yr 2 of 2; STP+NHPP+TAP+Earmark+Statewide Infrastructure+Northern Middlesex Council of Governments contribution (\$1,000,000) Total Cost = \$36,735,048 |
| | 601630 | Boston | 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 RAIL ROAD (MBTA) | 6 | STP | \$ 5,946,711 | \$ 4,757,369 | \$ 1,189,342 | AC Yr 2 of 4; STP+NHPP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268 |
| | 601630 | Boston | 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 | NHPP | \$ 6,903,289 | \$ 5,522,631 | \$ 1,380,658 | AC Yr 2 of 4; STP+NHPP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268 |
| | 604935 | Boston | Woburn | WOBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT) | 4 | STP | \$ 1,188,210 | \$ 950,568 | \$ 237,642 | STP+HSIP Total Cost = \$4,752,838 |
| | 604810 | Boston | Marlborough | MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET) | 3 | STP | \$ 113,919 | \$ 91,135 | \$ 22,784 | HSIP+CMAQ+STP+SW CMAQ Total Cost = \$5,969,357 |
| | 1570 | Boston | Multiple | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR | N/A | STP | \$ 16,472,780 | \$ 13,178,224 | \$ 3,294,556 | AC Yr 2 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit) |
| | 603711 | Boston | 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 | \$ 24,539,816 | \$ 19,631,853 | \$ 4,907,963 | AC Yr 4 of 5; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$26,258,183 programmed within FFYs 2017-21 TIP) |
| Non-CMAQ/HSIP/TAP (Other) Subtotal ► | | | | | | | \$ 61,769,631 | \$ 49,415,705 | \$ 12,353,926 | ◀ 80% Federal + 20% Non-Federal |

► Section 1A / Fiscal Constraint Analysis

| | Total Federal Aid | Target Funds Programmed ► | ◀ Total Target | Target Funds Available |
|--|-------------------|---------------------------|-----------------|---|
| Total Non-CMAQ/HSIP/TAP (Other) Programmed ► | \$ 89,188,965 | \$ 89,188,965 | \$ (68,562,975) | Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum |
| Total HSIP Programmed ► | \$ 7,398,636 | \$ 4,296,710 | \$ (3,101,926) | HSIP Recommended Met |
| Total CMAQ Programmed ► | \$ 19,273,913 | \$ 13,427,220 | \$ (5,846,693) | CMAQ Recommended Met |
| Total TAP Programmed ► | \$ 746,785 | \$ 2,902,060 | \$ 2,155,275 | TAP Recommended Not Met |
| HSIP, CMAQ, TAP Overprogrammed \$ (6,793,344) | | | | |

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|---------------------------------|-------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|-------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

| | | | | | | | | | | |
|---|--|--|--|------------------------|--|--|------|------|------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Bridge Maintenance Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

► On System

| | | | | | | | | | | |
|--------------------------|--------|--------|-----------|--|---|------|---------------|---------------|---------------|--|
| AMENDMENT: Increase Cost | 604173 | Boston | BOSTON | BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR | 6 | NHPP | \$ 62,000,000 | \$ 49,600,000 | \$ 12,400,000 | Change AC YR 1 of 5 to 1 of 6; NHPP-Br On System: 2017 - \$62,000,000 (was \$6,400,000); Total Programmed Federal Participating Cost increase from \$144,066,616 to \$157,546,729; City of Boston Contribution: \$14,444,195.50; and \$1,837,500 Non-Federal Aid funds = Total Project Cost: \$174,000,000 |
| | 607507 | Boston | WAKEFIELD | WAKEFIELD- BRIDGE DECK REPLACEMENT, W-01-021 (2MF), HOPKINS STREET OVER I-95/ST 128 | 4 | NHPP | \$ 2,646,360 | \$ 2,117,088 | \$ 529,272 | |
| | 607954 | Boston | DANVERS | DANVERS- BRIDGE REPLACEMENT, D-03-018, ST 128 OVER WATERS RIVER | 4 | NHPP | \$ 20,074,634 | \$ 16,059,707 | \$ 4,014,927 | |
| | 601630 | Boston | WEYMOUTH | 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 | NHPP | \$ 12,033,818 | \$ 9,627,054 | \$ 2,406,764 | AC Yr 2 of 4; STP+NHPP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268 |
| | 607499 | Boston | Multiple | RANDOLPH- BOSTON- BRAINTREE- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF 3 BRIDGES: R-01-006 (344), B-16-261 (3FK) & B-21-027(36E) | 6 | NHPP | \$ 2,028,526 | \$ 1,622,821 | \$ 405,705 | In the STIP/Statewide Programs; formerly DISTRICT 6- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF TWO BRIDGES, RANDOLPH R-01-006(344) AND BRAINTREE B-21-027(36E) |
| On System Subtotal ► | | | | | | | \$ 98,783,338 | \$ 79,026,670 | \$ 19,350,962 | ◀ 80% Federal + 20% Non-Federal |

► Off-System

| | | | | | | | | | | |
|-----------------------|--|--|--|------------------------|--|--|------|------|------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Off-System Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

► Statewide Bridge Inspection Program

| | | | | | | | | | | |
|--|--|--|--|------------------------|--|--|------|------|------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Bridge Inspection Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

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|---------------------------------|-------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|-------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

| | | | | | | | | | | |
|--|--------|--------|----------|--|-----|-----|--------------|--------------|--------------|---|
| | 601630 | Boston | 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 | HPP | \$ 9,179,180 | \$ 7,343,344 | \$ 1,835,836 | Demo ID: MA047 Construction; (MA1236); AC Yr 2 of 4; STP+HSIP+TEA-21 Earmark+BR Total Cost = \$81,812,268 |
| | 29492 | Boston | BEDFORD | BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III) | 4 | HPP | \$ 1,001,475 | \$ 801,180 | \$ 200,295 | Repurposed SAFETEA-LU earmark (MA171); AC Yr 2 of 2; STP+NHPP+TAP+Earmark+Statewide Infrastructure+Northern Middlesex Council of Governments contribution (\$1,000,000) Total Cost = \$36,735,048 |
| | BN0002 | Boston | Multiple | MBTA Bus Stop Accessibility and Operational Improvements | N/A | HPP | \$ 1,135,276 | \$ 908,221 | \$ 227,055 | Demo ID: MA 015 Old Purpose of Earmark: Undertake improvements to South Station intermodal station Total value of earmarks for this improvements program: \$1,909,696 (Federal) repurposed earmark; Flex to FTA |
| | BN0003 | Boston | Multiple | MBTA Bus Stop Accessibility and Operational Improvements | N/A | HPP | \$ 1,251,844 | \$ 1,001,475 | \$ 250,369 | Demo ID: MA 170 Old Purpose of Earmark: MBTA Secure Station, Boston Total value of earmarks for this improvements program: \$1,909,696 (Federal) repurposed earmark; Flex to FTA |
| | BN0004 | Boston | Multiple | MBTA Bus Stop Accessibility and Operational Improvements within the Longwood Medical Area | N/A | HPP | \$ 162,494 | \$ 129,995 | \$ 32,499 | Demo ID: MA 133 Old Purpose of Earmark: Longwood Ave./Urban Ring Tunnel Study Repurposed earmark; Flex to FTA |
| | 1570 | Boston | Multiple | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR | N/A | HPP | \$ 6,259,669 | \$ 5,007,735 | \$ 1,251,934 | Demo ID: MA 199 Old Purpose of Earmark: Construct Lechmere Station area roadway and access improvements in Cambridge Repurposed earmark; Flex to FTA |

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|---------------------------------|-------------------------|--------|------------------------|---|-----------------------|---------------------|--------------------------------|--------------------|------------------------|---|
| | 608562 | Boston | SOMERVILLE | SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON I-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION) | 4 | HPP | \$ 500,738 | \$ 400,590 | \$ 100,148 | Demo ID: MA 128 Repurposed earmark for design funds. TIP Project #608562 is programmed for construction in FFY 2020 in Section 1D, under the Statewide HSIP Program. |
| | BN0005 | Boston | SUDBURY | Assabet River National Wildlife Refuge - Rehab White Pond Rd, aka North Entrance Rd (Rte. 101) | 3 | Other FA | \$ 575,000 | \$ 460,000 | \$ 115,000 | Transfer to Eastern Federal Lands |
| | BN0006 | Boston | CONCORD | Great Meadows National Wildlife Transportation Project | 4 | HPP | \$ 53,328 | \$ 42,662 | \$ 10,666 | Demo ID: MA 119 Repurposed earmark, formerly Assabet River National Wildlife Refuge, MA, Design and construction of parking areas; Transfer to Eastern Federal Lands |
| | BN0007 | Boston | CONCORD | Great Meadows National Wildlife Transportation Project | 4 | HPP | \$ 190,453 | \$ 152,362 | \$ 38,091 | Demo ID: MA 174 Repurposed earmark, formerly Oxbow National Wildlife Refuge, Design and construction of a Visitor Contact Station; Transfer to Eastern Federal Lands |
| Other Federal Aid Subtotal ▶ | | | | | | | \$ 20,309,455 | \$ 16,247,564 | \$ 4,061,891 | ◀ Funding Split Varies by Funding Source |

▶ Section 1D / Federal Aid Major & State Category Projects

▶ Regional Major Infrastructure

| | | | | | | | | | | |
|--|--|--|--|------------------------|--|--|------|------|------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Regional Major Infrastructure Subtotal ▶ | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

▶ Statewide Americans with Disability Act Implementation Plan

| | | | | | | | | | | |
|--|--|--|--|------------------------|--|--|------|------|------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide ADA Implementation Plan Subtotal ▶ | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

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|---------------------------------|-------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|-------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► **Statewide Congestion Mitigation and Air Quality**

| | | | | | | | | | | |
|--|--------|--------|-------------|---|---|------|---------------|--------------|--------------|---|
| | 602165 | Boston | STONEHAM | STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET | 4 | CMAQ | \$ 2,785,102 | \$ 2,228,082 | \$ 557,020 | |
| AMENDMENT:Increase Cost, AMENDMENT:Change Project Description | 604761 | Boston | BOSTON | BOSTON- MULTI-USE TRAIL CONSTRUCTION (SOUTH BAY HARBOR), FROM ALBANY STREET AT UNION PARK STREET TO DORCHESTER AVENUE, INCLUDES TRAVELER STREET AND WEST 4TH STREET | 6 | CMAQ | \$ 3,191,689 | \$ 2,553,351 | \$ 638,338 | Cost increase from \$2,229,018 to \$3,191,689 |
| | 608806 | Boston | MULTIPLE | WATERTOWN-CAMBRIDGE- MULTI-USE PATH CONSTRUCTION | 6 | CMAQ | \$ 3,595,285 | \$ 2,876,228 | \$ 719,057 | |
| | 608650 | Boston | SALEM | SALEM- ADAPTIVE SIGNAL CONTROLS ON ROUTE 107 (HIGHLAND AVENUE) | 6 | CMAQ | \$ 520,000 | \$ 416,000 | \$ 104,000 | This project was in the STIP as STATEWIDE CMAQ - ADAPTIVE SIGNAL CONTROLS AT VARIOUS INTERSECTIONS (2017); Salem intersection selected as specific location |
| | 607309 | Boston | HINGHAM | HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET | 5 | CMAQ | \$ 1,788,278 | \$ 1,430,622 | \$ 357,656 | HSIP+CMAQ+TAP+SW CMAQ Total Cost = \$6,716,047 |
| | 604810 | Boston | MARLBOROUGH | MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET) | 3 | CMAQ | \$ 355,721 | \$ 284,577 | \$ 71,144 | HSIP+CMAQ+STP+SW CMAQ Total Cost = \$5,969,357 |
| Statewide CMAQ Subtotal ► | | | | | | | \$ 12,236,075 | \$ 9,788,860 | \$ 2,447,215 | ◀ 80% Federal + 20% Non-Federal |

► **Statewide HSIP Program**

| | | | | | | | | | | |
|-----------------------------------|--------|--------|--------|--|---|------|--------------|--------------|------------|--|
| | 607754 | Boston | MILTON | MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT GRANITE AVENUE & SQUANTUM STREET | 6 | HSIP | \$ 550,000 | \$ 495,000 | \$ 55,000 | |
| | 608458 | Boston | REVERE | REVERE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON ROUTE 1A | 6 | HSIP | \$ 1,612,477 | \$ 1,289,982 | \$ 322,495 | Replaces project 608559, which was in the STIP as Various Safety Strategies to Address SHSP - To Be Determined |
| Statewide HSIP Program Subtotal ► | | | | | | | \$ 2,162,477 | \$ 1,784,982 | \$ 377,495 | ◀ 90% Federal + 10% Non-Federal |

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|---|-------------------------|--------|------------------------|---|-----------------------|---------------------|--------------------------------|--------------------|------------------------|--|
| ► Statewide Infrastructure Program | | | | | | | | | | |
| | 608763 | Boston | MEDFORD | MEDFORD- STONEHAM- WOBURN- READING- HIGHWAY LIGHTING REHABILITATION ON I-93 (PHASE | 4 | STP | \$ 19,543,464 | \$ 15,634,771 | \$ 3,908,693 | |
| Statewide Infrastructure Program Subtotal ► | | | | | | | \$ 19,543,464 | \$ 15,634,771 | \$ 3,908,693 | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Interstate Maintenance Program | | | | | | | | | | |
| | 607481 | Boston | MULTIPLE | RANDOLPH- QUINCY- BRAINTREE- INTERSTATE MAINTENANCE & RELATED WORK ON I-93 (SB) | 6 | NHPP | \$ 4,773,000 | \$ 4,295,700 | \$ 477,300 | |
| Statewide Interstate Maintenance Program Subtotal ► | | | | | | | \$ 4,773,000 | \$ 4,295,700 | \$ 477,300 | ◀ 90% Federal + 10% Non-Federal |
| ► Statewide Intelligent Transportation Systems | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide ITS Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide National Freight Program | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide National Freight Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide National Highway System Preservation Program | | | | | | | | | | |
| | 607477 | Boston | LYNNFIELD | LYNNFIELD- PEABODY- RESURFACING & RELATED WORK ON ROUTE 1 | 4 | NHPP | \$ 8,892,334 | \$ 7,113,867 | \$ 1,778,467 | |
| | 607488 | Boston | SOUTHBOROUGH | SOUTHBOROUGH- RESURFACING & RELATED WORK ON ROUTE 9, FROM THE FRAMINGHAM T.L TO WHITE BAGLEY ROAD | 3 | NHPP | \$ 4,760,219 | \$ 3,808,175 | \$ 952,044 | |
| Statewide NHS Preservation Program Subtotal ► | | | | | | | \$ 13,652,553 | \$ 10,922,042 | \$ 2,730,511 | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Planning Program | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Planning Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Railroad Grade Crossings | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide RR Grade Crossings Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Safe Routes to Schools Program | | | | | | | | | | |
| | 607998 | Boston | EVERETT | EVERETT- IMPROVEMENTS AT MADELAINE ENGLISH (SRTS) | 4 | TAP | \$ 688,810 | \$ 551,048 | \$ 137,762 | |
| | 607999 | Boston | REVERE | REVERE- IMPROVEMENTS AT GARFIELD ELEMENTARY & MIDDLE SCHOOL (SRTS) | 4 | TAP | \$ 825,000 | \$ 660,000 | \$ 165,000 | |
| ADJUSTMENT:Change Funding Source | 608003 | Boston | WEYMOUTH | WEYMOUTH- IMPROVEMENTS AT PINGREE ELEMENTARY SCHOOL (SRTS) | 6 | SRTS | \$ 438,557 | \$ 350,846 | \$ 87,711 | |
| | 608004 | Boston | WATERTOWN | WATERTOWN- IMPROVEMENTS AT HOSMER ELEMENTARY SCHOOL (SRTS) | 6 | TAP | \$ 1,701,393 | \$ 1,361,114 | \$ 340,279 | |
| Statewide Safe Routes to Schools Program Subtotal ► | | | | | | | \$ 3,653,760 | \$ 2,923,008 | \$ 730,752 | ◀ Funding Split Varies by Funding Source |

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07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---|-------------------------|--------|------------------------|---|-----------------------|---------------------|--------------------------------|--------------------|------------------------|--|
| ► Statewide Stormwater Retrofits | | | | | | | | | | |
| | 608217 | Boston | MULTIPLE | MARLBOROUGH-SUDBURY- STORMWATER IMPROVEMENTS ALONG ROUTE 20 | 3 | STP-TE | \$ 150,958 | \$ 120,766 | \$ 30,192 | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Stormwater Retrofits Subtotal ► | | | | | | | \$ 150,958 | \$ 120,766 | \$ 30,192 | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Transportation Enhancements | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Transportation Enhancements Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Other Statewide Items | | | | | | | | | | |
| | | | | ABP GANS Repayment | | | \$ - | \$ - | \$ - | |
| | | | | Award Adjustments, Change Orders, Project Value Changes, Etc. | | | \$ - | \$ - | \$ - | |
| | | | | DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs | | | \$ - | \$ - | \$ - | |
| | | | | Planning | | | \$ - | \$ - | \$ - | |
| | | | | Statewide Design and Right of Way | | | \$ - | \$ - | \$ - | |
| | | | | Statewide Recreational Trails | | | \$ - | \$ - | \$ - | |
| Other Statewide Items Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |
| ► Section 2A / Non-Federal Projects | | | | | | | | | | |
| ► Non Federal Aid | | | | | | | | | | |
| | | | | No Projects Programmed | | NFA | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | NFA | \$ - | \$ - | \$ - | |
| Non-Federal Aid Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 100% Non-Federal |
| ► Section 2B / Non-Federal Bridge Projects | | | | | | | | | | |
| ► Section 2B / Non-Federal Bridge Projects | | | | | | | | | | |
| | | | | No Projects Programmed | | NFA | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | NFA | \$ - | \$ - | \$ - | |
| Section 2B / Non-Federal Bridge Projects Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 100% Non-Federal |

2017 Boston Region MPO TIP Summary

| | TIP Section 1: ▼ | TIP Section 2: ▼ | Total of All Projects ▼ | |
|---------------------|---------------------|---------------------|----------------------------|--|
| Total ► | \$ 264,048,339 | \$ - | \$ 264,048,339 | ◀ Total Spending in Region |
| Federal Funds ► | \$ 212,835,399 | \$ - | \$ 212,835,399 | ◀ Total Federal Spending in Region |
| Non-Federal Funds ► | \$ 51,212,940 | \$ - | \$ 51,212,940 | ◀ 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>

2018 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

| | | | | | | | | | | |
|-----------------|--------|--------|----------|--|---|------|--------------|--------------|------------|---|
| | 606635 | Boston | 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 | \$ 2,087,679 | \$ 231,964 | CMAQ+HSIP+TAP+STP Total Cost = 15,464,292 |
| | 600518 | Boston | Hingham | HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET | 5 | HSIP | \$ 611,547 | \$ 550,392 | \$ 61,155 | STP+HSIP Total Cost = \$3,057,735 |
| HSIP Subtotal ► | | | | | | | \$ 2,931,191 | \$ 2,638,072 | \$ 293,119 | ◀ 90% Federal + 10% Non-Federal |

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

| | | | | | | | | | | |
|-----------------|--------|--------|--------------|--|-----|------|---------------|---------------|--------------|---|
| | 1570 | Boston | Multiple | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR | N/A | CMAQ | \$ 13,427,220 | \$ 10,741,776 | \$ 2,685,444 | AC Yr 3 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit) |
| | 606635 | Boston | Multiple | NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON) | 6 | CMAQ | \$ 2,000,000 | \$ 1,600,000 | \$ 400,000 | CMAQ+HSIP+TAP+STP Total Cost = 15,464,292 |
| | 604989 | Boston | Southborough | SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET | 3 | CMAQ | \$ 1,000,000 | \$ 800,000 | \$ 200,000 | CMAQ+TAP+STP Total Cost = \$7,281,248 |
| | 605110 | Boston | Brookline | BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST) | 6 | CMAQ | \$ 1,000,000 | \$ 800,000 | \$ 200,000 | TAP+STP+CMAQ+Private Sector Contribution (\$1,000,000) Total Cost = \$6,273,202 |
| CMAQ Subtotal ► | | | | | | | \$ 17,427,220 | \$ 13,941,776 | \$ 3,485,444 | ◀ 80% Federal + 20% Non-Federal |

► TAP - Transportation Alternatives Program

| | | | | | | | | | | |
|----------------|--------|--------|--------------|--|---|-----|--------------|--------------|------------|---|
| | 604989 | Boston | Southborough | SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET | 3 | TAP | \$ 1,456,250 | \$ 1,165,000 | \$ 291,250 | CMAQ+TAP+STP Total Cost = \$7,281,248 |
| | 606635 | Boston | Multiple | NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON) | 6 | TAP | \$ 1,546,492 | \$ 1,237,194 | \$ 309,298 | CMAQ+HSIP+TAP+STP Total Cost = 15,464,292 |
| | 605110 | Boston | Brookline | BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST) | 6 | TAP | \$ 1,255,000 | \$ 1,004,000 | \$ 251,000 | TAP+STP+CMAQ+Private Sector Contribution (\$1,000,000) Total Cost = \$6,273,202 |
| TAP Subtotal ► | | | | | | | \$ 4,257,742 | \$ 3,406,194 | \$ 851,548 | ◀ 80% Federal + 20% Non-Federal |

2018 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Non-CMAQ/HSIP/TAP (Other)

| | | | | | | | | | | |
|--------------------------------------|--------|--------|--------------|--|-----|------|---------------|---------------|---------------|---|
| | 601630 | Boston | 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 | \$ 19,591,490 | \$ 15,673,192 | \$ 3,918,298 | AC Yr 3 of 4; STP+NHPP+HSIP+TEA-21 Earmark+BR Total Cost = \$81,812,268 |
| | 1570 | Boston | Multiple | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR | N/A | STP | \$ 26,572,780 | \$ 21,258,224 | \$ 5,314,556 | AC Yr 3 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit) |
| | 603711 | Boston | 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 | AC Yr 5 of 5; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$26,258,183 programmed within FFYs 2017-21 TIP) |
| | 604989 | Boston | Southborough | SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET | 3 | STP | \$ 4,824,998 | \$ 3,859,998 | \$ 965,000 | CMAQ+TAP+STP Total Cost = \$7,281,248 |
| | 606635 | Boston | 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 | \$ 9,598,156 | \$ 7,678,525 | \$ 1,919,631 | CMAQ+HSIP+TAP+STP Total Cost = 15,464,292 |
| | 600518 | Boston | Hingham | HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET | 5 | STP | \$ 2,446,188 | \$ 1,956,950 | \$ 489,238 | STP+HSIP Total Cost = \$3,057,735 |
| | 605110 | Boston | Brookline | BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE | 6 | STP | \$ 3,018,202 | \$ 2,414,562 | \$ 603,640 | TAP+STP+CMAQ+Private Sector Contribution (\$1,000,000) Total Cost = \$6,273,202 |
| Non-CMAQ/HSIP/TAP (Other) Subtotal ► | | | | | | | \$ 68,040,181 | \$ 54,432,145 | \$ 13,608,036 | ◄ 80% Federal + 20% Non-Federal |

► Section 1A / Fiscal Constraint Analysis

| | | | | | |
|--|---------------|---------------|--------------------------|-----------------|---|
| Total Federal Aid Target Funds Programmed ► | \$ 92,656,334 | \$ 92,656,334 | ◄ Total Target | \$ 0 | Target Funds Available |
| Total Non-CMAQ/HSIP/TAP (Other) Programmed ► | \$ 68,040,181 | \$ - | ◄ Max. Non-CMAQ/HSIP/TAP | \$ (74,690,294) | Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum |
| Total HSIP Programmed ► | \$ 2,931,191 | \$ 4,296,710 | ◄ Min. HSIP | \$ 1,365,519 | HSIP Recommended Not Met |
| Total CMAQ Programmed ► | \$ 17,427,220 | \$ 10,741,776 | ◄ Min. CMAQ | \$ (6,685,444) | CMAQ Recommended Met |
| Total TAP Programmed ► | \$ 4,257,742 | \$ 2,927,554 | ◄ Min. TAP | \$ (1,330,188) | TAP Requirement Exceeded! |

HSIP, CMAQ, TAP Overprogrammed \$ (6,650,113)

2018 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

| | | | | | | | | | | |
|---|--------|--------|----------|--|---|------|---------------|--------------|------------|---------------------------------|
| | 607915 | Boston | 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 | \$ 1,660,534 | \$ 1,328,427 | \$ 332,107 | |
| | 608521 | Boston | SALEM | SALEM - BRIDGE MAINTENANCE, S-01-018 (32T), (ST 114) NORTH STREET OVER (ST 107) BRIDGE STREET & | 4 | NHPP | \$ 2,400,000 | \$ 1,920,000 | \$ 480,000 | |
| Statewide Bridge Maintenance Program Subtotal ► | | | | | | | \$ 46,500,000 | \$ 3,248,427 | \$ 812,107 | ◀ 80% Federal + 20% Non-Federal |

► On System

| | | | | | | | | | | |
|--------------------------|--------|--------|------------|---|---|------|---------------|---------------|---------------|---|
| AMENDMENT: Increase Cost | 604173 | Boston | BOSTON | BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR | 6 | NHPP | \$ 35,000,000 | \$ 28,000,000 | \$ 7,000,000 | Change AC YR 2 of 5 to 2 of 6; NHPP-Br On System: 2018 - \$35,000,000 (was \$42,000,000); Total Programmed Federal Participating Cost increase from \$144,066,616 to \$157,546,729; City of Boston Contribution: \$14,444,195.50; and \$1,837,500 Non-Federal Aid funds = Total Project Cost: \$174,000,000. |
| | 604952 | Boston | MULTIPLE | LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE) | 4 | NHPP | \$ 25,764,000 | \$ 20,611,200 | \$ 5,152,800 | AC YR 1 of 2, YOE \$51,527,391 |
| | 608149 | Boston | BURLINGTON | BURLINGTON- BRIDGE REPLACEMENT, B-29-010, I-95/ST 128 (NB) & I-95/ST128 (SB) OVER ROUTE 3A (CAMBRIDGE STREET) | 4 | NHPP | \$ 23,920,000 | \$ 19,136,000 | \$ 4,784,000 | |
| | 608522 | Boston | MIDDLETON | MIDDLETON- BRIDGE REPLACEMENT- M-20-003, RT 62/MAPLE STREET OVER Ipswich RIVER | 4 | NHPP | \$ 4,160,000 | \$ 3,328,000 | \$ 832,000 | |
| On System Subtotal ► | | | | | | | \$ 88,844,000 | \$ 71,075,200 | \$ 17,768,800 | ◀ 80% Federal + 20% Non-Federal |

► Off-System

| | | | | | | | | | | |
|-----------------------|--------|--------|------------|--|---|------------|---------------|---------------|--------------|---------------------------------|
| | 604655 | Boston | MARSHFIELD | MARSHFIELD- BRIDGE REPLACEMENT, M-07-007, BEACH STREET OVER THE CUT RIVER | 5 | STP-BR-OFF | \$ 3,023,938 | \$ 2,419,150 | \$ 604,788 | |
| | 606632 | Boston | HOPKINTON | HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER | 3 | STP-BR-OFF | \$ 7,964,164 | \$ 6,371,331 | \$ 1,592,833 | |
| | 607133 | Boston | QUINCY | QUINCY- SUPERSTRUCTURE REPLACEMENT, Q-01-039, ROBERTSON STREET OVER I-93/US 1/SR 3 | 6 | STP-BR-OFF | \$ 3,260,452 | \$ 2,608,361 | \$ 652,090 | |
| | 607533 | Boston | WALTHAM | WALTHAM- BRIDGE REPLACEMENT, W-04-006, WOERD AVENUE OVER CHARLES RIVER | 4 | STP-BR-OFF | \$ 2,344,742 | \$ 1,875,794 | \$ 468,948 | |
| Off-System Subtotal ► | | | | | | | \$ 16,593,296 | \$ 13,274,637 | \$ 3,318,659 | ◀ 80% Federal + 20% Non-Federal |

► Statewide Bridge Inspection Program

| | | | | | | | | | | |
|--|--|--|--|------------------------|--|--|------|------|------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Bridge Inspection Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

2018 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

| | | | | | | | | | | |
|------------------------------|--------|--------|-----------|---|---|-----|--------------|--------------|------------|--|
| | 606134 | Boston | 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) |
| | 606316 | Boston | 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 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 ► | | | | | | | \$ 3,252,152 | \$ 2,601,722 | \$ 650,430 | ◀ Funding Split Varies by Funding Source |

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure

| | | | | | | | | | | |
|--|--|--|--|------------------------|--|--|------|------|------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Regional Major Infrastructure Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

► Statewide Americans with Disability Act Implementation Plan

| | | | | | | | | | | |
|--|--|--|--|------------------------|--|--|------|------|------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide ADA Implementation Plan Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

► Statewide Congestion Mitigation and Air Quality

| | | | | | | | | | | |
|---------------------------|--------|--------|-----------|--|---|------|---------------|---------------|--------------|--|
| | 606223 | Boston | MULTIPLE | ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION (PHASE II-B) | 4 | CMAQ | \$ 5,990,400 | \$ 4,792,320 | \$ 1,198,080 | |
| | 607732 | Boston | MULTIPLE | FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & F-07-033=N-03-029 OVER ROUTE 28 | 3 | CMAQ | \$ 7,797,960 | \$ 6,238,368 | \$ 1,559,592 | |
| | 606316 | Boston | BROOKLINE | BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET | 6 | CMAQ | \$ 3,087,024 | \$ 2,469,619 | \$ 617,405 | decrease in funding source from \$3,838,130 to \$3,087,024. Additional of repurposed earmark MA 149 in Section 1C. |
| Statewide CMAQ Subtotal ► | | | | | | | \$ 16,875,384 | \$ 13,500,307 | \$ 3,375,077 | ◀ 80% Federal + 20% Non-Federal |

► Statewide HSIP Program

| | | | | | | | | | | |
|-----------------------------------|--------|--------|------------|---|---|------|--------------|--------------|------------|---------------------------------|
| | 607748 | Boston | ACTON | ACTON- INTERSECTION & SIGNAL IMPROVEMENTS ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD | 3 | HSIP | \$ 561,600 | \$ 505,440 | \$ 56,160 | |
| | 607761 | Boston | SWAMPSCOTT | Swampscott- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT Swampscott MALL | 4 | HSIP | \$ 572,000 | \$ 514,800 | \$ 57,200 | |
| Statewide HSIP Program Subtotal ► | | | | | | | \$ 1,133,600 | \$ 1,020,240 | \$ 113,360 | ◀ 90% Federal + 10% Non-Federal |

2018 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---|----------------------------|--------|------------------------|--|-----------------------|---------------------|--------------------------------|--------------------|------------------------|---------------------------------|
| ► Statewide Infrastructure Program | | | | | | | | | | |
| | 606381 | Boston | MULTIPLE | ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2 | 4 | STP | \$ 9,100,506 | \$ 7,280,405 | \$ 1,820,101 | |
| Statewide Infrastructure Program Subtotal ► | | | | | | | \$ 9,100,506 | \$ 7,280,405 | \$ 1,820,101 | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Interstate Maintenance Program | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Interstate Maintenance Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 90% Federal + 10% Non-Federal |
| ► Statewide Intelligent Transportation Systems | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide ITS Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide National Freight Program | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide National Freight Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide National Highway System Preservation Program | | | | | | | | | | |
| | 608587 | Boston | DEDHAM | RECONSTRUCTION AND RELATED WORK ON BRIDGE STREET (ROUTE 109) AND AMES STREET | 6 | NHPP | \$ 5,459,341 | \$ 4,367,473 | \$ 1,091,868 | |
| | 608008 | Boston | SAUGUS | SAUGUS - RESURFACING AND RELATED WORK ON ROUTE 1 | 4 | NHPP | \$ 9,945,936 | \$ 7,956,749 | \$ 1,989,187 | |
| | 608069 | Boston | MULTIPLE | MARSHFIELD- PEMBROKE- NORWELL- HANOVER- ROCKLAND- HINGHAM- RESURFACING & RELATED WORK ON ROUTE 3 | 5 | NHPP | \$ 16,504,800 | \$ 13,203,840 | \$ 3,300,960 | |
| | 608220 | Boston | CONCORD | CONCORD- RESURFACING & RELATED WORK ON ROUTE 2 | 4 | NHPP | \$ 1,747,200 | \$ 1,397,760 | \$ 349,440 | |
| | 608379 | Boston | MULTIPLE | LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE- PAVEMENT PRESERVATION ON ROUTE 2 | 4 | NHPP | \$ 7,706,400 | \$ 6,165,120 | \$ 1,541,280 | NHS + Stormwater = \$8,906,400 |
| Statewide NHS Preservation Program Subtotal ► | | | | | | | \$ 41,363,677 | \$ 33,090,941 | \$ 8,272,735 | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Planning Program | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Planning Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Railroad Grade Crossings | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide RR Grade Crossings Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

2018 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Statewide Safe Routes to Schools Program

| | | | | | | | | | | |
|---|--|--|--|------------------------|--|------|------|------|------|--|
| | | | | No Projects Programmed | | SRTS | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | SRTS | \$ - | \$ - | \$ - | |
| Statewide Safe Routes to Schools Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |

► Statewide Stormwater Retrofits

| | | | | | | | | | | |
|---|--------|--------|----------|--|---|--------|--------------|--------------|------------|---------------------------------|
| | 608217 | Boston | MULTIPLE | MARLBOROUGH- SUDBURY- STORMWATER IMPROVEMENTS ALONG ROUTE 20 | 3 | STP-TE | \$ 683,488 | \$ 546,790 | \$ 136,698 | |
| | 608379 | Boston | MULTIPLE | LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE- PAVEMENT PRESERVATION ON ROUTE 2 | 4 | STP-TE | \$ 1,200,000 | \$ 960,000 | \$ 240,000 | NHS + Stormwater = \$8,906,400 |
| Statewide Stormwater Retrofits Subtotal ► | | | | | | | \$ 1,883,488 | \$ 1,506,790 | \$ 376,698 | ◀ 80% Federal + 20% Non-Federal |

► Statewide Transportation Enhancements

| | | | | | | | | | | |
|--|--|--|--|------------------------|--|--|------|------|------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Transportation Enhancements Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

► Other Statewide Items

| | | | | | | | | | | |
|----------------------------------|--|--|--|---|--|--|------|------|------|--|
| | | | | ABP GANS Repayment | | | \$ - | \$ - | \$ - | |
| | | | | Award Adjustments, Change Orders, Project Value Changes, Etc. | | | \$ - | \$ - | \$ - | |
| | | | | DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs Planning | | | \$ - | \$ - | \$ - | |
| | | | | Statewide Design and Right of Way | | | \$ - | \$ - | \$ - | |
| | | | | Statewide Recreational Trails | | | \$ - | \$ - | \$ - | |
| Other Statewide Items Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |

► Section 2A / Non-Federal Projects

► Non Federal Aid

| | | | | | | | | | | |
|----------------------------|--|--|--|------------------------|--|-----|------|------|------|--------------------|
| | | | | No Projects Programmed | | NFA | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | NFA | \$ - | \$ - | \$ - | |
| Non-Federal Aid Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 100% Non-Federal |

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

| | | | | | | | | | | |
|---|--|--|--|------------------------|--|-----|------|------|------|--------------------|
| | | | | No Projects Programmed | | NFA | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | NFA | \$ - | \$ - | \$ - | |
| Section 2B / Non-Federal Bridge Projects Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 100% Non-Federal |

2018 Boston Region MPO TIP Summary

| | TIP Section 1: ▼ | TIP Section 2: ▼ | Total of All Projects ▼ | |
|---------------------|---------------------|---------------------|----------------------------|--|
| Total ► | \$ 275,762,970 | \$ - | \$ 275,762,970 | ◀ Total Spending in Region |
| Federal Funds ► | \$ 221,016,855 | \$ - | \$ 221,016,855 | ◀ Total Federal Spending in Region |
| Non-Federal Funds ► | \$ 54,746,115 | \$ - | \$ 54,746,115 | ◀ 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>

2019 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

| | | | | | | | | | | |
|-----------------|--------|--------|-----------|--|---|------|--------------|--------------|------------|--|
| | 607428 | Boston | 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 | \$ 2,362,214 | \$ 2,125,993 | \$ 236,221 | CMAQ+HSIP Total Cost = \$3,149,619 |
| | 607652 | Boston | 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 | CMAQ+STP+HSIP+TAP Total Cost = \$7,244,124 |
| | 606043 | Boston | Hopkinton | HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135 | 3 | HSIP | \$ 1,275,206 | \$ 1,147,686 | \$ 127,521 | CMAQ+HSIP+STP Total Cost = \$8,501,376 |
| HSIP Subtotal ► | | | | | | | \$ 5,086,246 | \$ 4,577,621 | \$ 508,625 | ◀ 90% Federal + 10% Non-Federal |

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

| | | | | | | | | | | |
|-----------------|--------|--------|-----------|--|-----|------|---------------|---------------|--------------|---|
| | 1570 | Boston | Multiple | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR | N/A | CMAQ | \$ 13,427,220 | \$ 10,741,776 | \$ 2,685,444 | AC Yr 4 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit) |
| | 605034 | Boston | 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 | CMAQ+TAP+STP Total Cost = \$15,459,553 |
| | 607428 | Boston | 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 | CMAQ+HSIP Total Cost = \$3,149,619 |
| | 607652 | Boston | 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 | CMAQ+STP+HSIP+TAP Total Cost = \$7,244,124 |
| | 606043 | Boston | Hopkinton | HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135 | 3 | CMAQ | \$ 1,000,000 | \$ 800,000 | \$ 200,000 | CMAQ+HSIP+STP Total Cost = \$8,501,376 |
| CMAQ Subtotal ► | | | | | | | \$ 18,905,547 | \$ 15,124,438 | \$ 3,781,109 | ◀ 80% Federal + 20% Non-Federal |

2019 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► TAP - Transportation Alternatives Program

| | | | | | | | | | | | |
|----------------|--------|--------|---------|---|---|-----|--------------|--------------|------------|--|--|
| | 605034 | Boston | 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 | CMAQ+TAP+STP Total Cost = \$15,459,553 | |
| | 607652 | Boston | Everett | EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET | 4 | TAP | \$ 724,412 | \$ 579,530 | \$ 144,882 | | CMAQ+STP+HSIP+TAP Total Cost = \$7,244,124 |
| | 608352 | Boston | Salem | SALEM- CANAL STREET RAIL TRAIL CONSTRUCTION (PHASE 2) | 4 | TAP | \$ 2,595,840 | \$ 2,076,672 | \$ 519,168 | | |
| TAP Subtotal ► | | | | | | | \$ 4,639,185 | \$ 3,711,348 | \$ 927,837 | ◀ 80% Federal + 20% Non-Federal | |

► Non-CMAQ/HSIP/TAP (Other)

| | | | | | | | | | | | |
|--------------------------------------|--------|--------|-----------|--|-----|-----|---------------|---------------|---------------|---|--|
| | 601630 | Boston | 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 | \$ 8,040,268 | \$ 6,432,214 | \$ 1,608,054 | AC Yr 4 of 4; STP+NHPP+HSIP+TEA-21 Earmark+BR Total Cost = \$81,812,268 | |
| | 1570 | Boston | Multiple | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR | N/A | STP | \$ 26,572,780 | \$ 21,258,224 | \$ 5,314,556 | AC Yr 4 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit) | |
| | 605034 | Boston | Natick | NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L. | 3 | STP | \$ 11,725,286 | \$ 9,380,229 | \$ 2,345,057 | CMAQ+TAP+STP Total Cost = \$15,459,553 | |
| | 607652 | Boston | Everett | EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET | 4 | STP | \$ 3,795,299 | \$ 3,036,239 | \$ 759,060 | CMAQ+STP+HSIP+TAP Total Cost = \$7,244,124 | |
| | 606043 | Boston | Hopkinton | HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135 | 3 | STP | \$ 6,226,170 | \$ 4,980,936 | \$ 1,245,234 | CMAQ+HSIP+STP Total Cost = \$8,501,376 | |
| | 605789 | Boston | Boston | BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD | 6 | STP | \$ 7,853,499 | \$ 6,282,799 | \$ 1,570,700 | STP+Earmarks Total Cost = \$25,297,839 | |
| Non-CMAQ/HSIP/TAP (Other) Subtotal ► | | | | | | | \$ 64,213,303 | \$ 51,370,642 | \$ 12,842,661 | ◀ 80% Federal + 20% Non-Federal | |

► Section 1A / Fiscal Constraint Analysis

| | | | | | |
|--|---------------|---------------|--------------------------|-----------------|---|
| Total Federal Aid Target Funds Programmed ► | \$ 92,844,280 | \$ 92,626,333 | ◀ Total Target | \$ (217,947) | Funds Over Programmed |
| Total Non-CMAQ/HSIP/TAP (Other) Programmed ► | \$ 64,213,303 | \$ - | ◀ Max. Non-CMAQ/HSIP/TAP | \$ (74,923,454) | Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum |
| Total HSIP Programmed ► | \$ 5,086,246 | \$ 4,296,710 | ◀ Min. HSIP | \$ (789,536) | HSIP Recommended Met |
| Total CMAQ Programmed ► | \$ 18,905,547 | \$ 10,741,776 | ◀ Min. CMAQ | \$ (8,163,771) | CMAQ Recommended Met |
| Total TAP Programmed ► | \$ 4,639,185 | \$ 2,882,340 | ◀ Min. TAP | \$ (1,756,845) | TAP Requirement Exceeded! |
| HSIP, CMAQ, TAP Overprogrammed \$ (10,710,152) | | | | | |

2019 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

| | | | | | | | | | | |
|---|--------|--------|----------|---|---|------|---------------|--------------|------------|---------------------------------|
| | 608234 | Boston | MULTIPLE | BOSTON- RANDOLPH- BRIDGE PRESERVATION OF 3 BRIDGES: B-16-165, R-01-005 & R-01-007 | 6 | NHPP | \$ 46,500,000 | \$ 1,990,285 | \$ 497,571 | |
| Statewide Bridge Maintenance Program Subtotal ► | | | | | | | \$ 46,500,000 | \$ 1,990,285 | \$ 497,571 | ◀ 80% Federal + 20% Non-Federal |

► On System

| | | | | | | | | | | |
|--------------------------|--------|--------|----------|---|---|------|---------------|---------------|--------------|--|
| AMENDMENT: Increase Cost | 604173 | Boston | BOSTON | BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR | 6 | NHPP | \$ 21,000,000 | \$ 16,800,000 | \$ 4,200,000 | Change AC YR 3 of 5 to 3 of 6; NHPP-Br On System: 2019 - \$21,000,000 (was \$42,000,000); Total Programmed Federal Participating Cost increase from \$144,066,616 to \$157,546,729; City of Boston Contribution: \$14,444,195.50; and \$1,837,500 Non-Federal Aid funds = Total Project Cost: \$174,000,000. |
| | 604952 | Boston | MULTIPLE | LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE) | 4 | NHPP | \$ 25,763,391 | \$ 20,610,713 | \$ 5,152,678 | AC YR 2 of 2, YOY \$51,527,391 |
| On System Subtotal ► | | | | | | | \$ 46,763,391 | \$ 37,410,713 | \$ 9,352,678 | ◀ 80% Federal + 20% Non-Federal |

► Off-System

| | | | | | | | | | | |
|-----------------------|--------|--------|--------|---|---|------------|--------------|--------------|--------------|---------------------------------|
| | 608079 | Boston | SHARON | SHARON- BRIDGE REPLACEMENT, S-09-003 (40N), MASKWONICUT STREET OVER AMTRAK/MBTA | 5 | STP-BR-OFF | \$ 5,637,492 | \$ 4,509,994 | \$ 1,127,498 | |
| | 608255 | Boston | STOW | STOW- BRIDGE REPLACEMENT, S-29-011, BOX MILL ROAD OVER ELIZABETH BROOK | 3 | STP-BR-OFF | \$ 1,600,560 | \$ 1,280,448 | \$ 320,112 | |
| Off-System Subtotal ► | | | | | | | \$ 7,238,052 | \$ 5,790,442 | \$ 1,447,610 | ◀ 80% Federal + 20% Non-Federal |

► Statewide Bridge Inspection Program

| | | | | | | | | | | |
|--|--|--|--|------------------------|--|--|------|------|------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Bridge Inspection Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

2019 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

| | | | | | | | | | | |
|------------------------------|--------|--------|-------------|---|---|----------|---------------|---------------|--------------|--|
| | 605789 | Boston | 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 = \$25,297,839 |
| | 605789 | Boston | 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 = \$25,297,839 |
| | 605789 | Boston | Boston | BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD | 6 | HPP | \$ 6,259,219 | \$ 5,007,375 | \$ 1,251,844 | Construction; (MA154); STP+Earmarks Total Cost = \$25,297,839 |
| | 605789 | Boston | Boston | BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD | 6 | HPP | \$ 3,473,764 | \$ 2,779,011 | \$ 694,753 | Construction; (MA194); STP+Earmarks Total Cost = \$25,297,839 |
| | BN0008 | Boston | 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 |
| Other Federal Aid Subtotal ► | | | | | | | \$ 18,644,340 | \$ 13,955,472 | \$ 3,488,868 | ◀ Funding Split Varies by Funding Source |

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure

| | | | | | | | | | | |
|--|--|--|--|------------------------|--|--|------|------|------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Regional Major Infrastructure Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

► Statewide Americans with Disability Act Implementation Plan

| | | | | | | | | | | |
|--|--|--|--|------------------------|--|--|------|------|------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide ADA Implementation Plan Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

► Statewide Congestion Mitigation and Air Quality

| | | | | | | | | | | |
|---------------------------|--------|--------|----------|--|---|------|--------------|--------------|------------|---------------------------------|
| | 607888 | Boston | MULTIPLE | BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY | 6 | CMAQ | \$ 1,838,827 | \$ 1,471,062 | \$ 367,765 | |
| Statewide CMAQ Subtotal ► | | | | | | | \$ 1,838,827 | \$ 1,471,062 | \$ 367,765 | ◀ 80% Federal + 20% Non-Federal |

► Statewide HSIP Program

| | | | | | | | | | | |
|-----------------------------------|--------|--------|----------|---|---|------|---------------|---------------|--------------|---------------------------------|
| | 607759 | Boston | BOSTON | BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET | 6 | HSIP | \$ 594,000 | \$ 534,600 | \$ 59,400 | |
| | 607763 | Boston | 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 | |
| | 608052 | Boston | NORWOOD | NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET | 5 | HSIP | \$ 594,000 | \$ 534,600 | \$ 59,400 | |
| | 608205 | Boston | MULTIPLE | READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 (SR 128) | 4 | HSIP | \$ 4,686,876 | \$ 4,218,188 | \$ 468,688 | |
| | 608206 | Boston | MULTIPLE | CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1 | 4 | HSIP | \$ 7,471,818 | \$ 6,724,636 | \$ 747,182 | |
| Statewide HSIP Program Subtotal ► | | | | | | | \$ 14,534,694 | \$ 13,081,225 | \$ 1,453,469 | ◀ 90% Federal + 10% Non-Federal |

2019 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---|----------------------------|--------|------------------------|---|-----------------------|---------------------|--------------------------------|--------------------|------------------------|--|
| ► Statewide Infrastructure Program | | | | | | | | | | |
| | 608608 | Boston | BRAINTREE | Braintree - Highway Lighting Improvements at I-93/ Route 3 Interchange | 6 | STP | \$ 7,500,000 | \$ 6,000,000 | \$ 1,500,000 | AC Year 1 of 2. Total Cost = \$9,697,229.16. |
| Statewide Infrastructure Program Subtotal ► | | | | | | | \$ 7,500,000 | \$ 6,000,000 | \$ 1,500,000 | ◄ 80% Federal + 20% Non-Federal |
| ► Statewide Interstate Maintenance Program | | | | | | | | | | |
| | 608219 | Boston | MULTIPLE | READING- WAKEFIELD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95 | 4 | NHPP | \$ 4,717,440 | \$ 4,245,696 | \$ 471,744 | |
| Statewide Interstate Maintenance Program Subtotal ► | | | | | | | \$ 4,717,440 | \$ 4,245,696 | \$ 471,744 | ◄ 90% Federal + 10% Non-Federal |
| ► Statewide Intelligent Transportation Systems | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide ITS Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◄ 80% Federal + 20% Non-Federal |
| ► Statewide National Freight Program | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide National Freight Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◄ 80% Federal + 20% Non-Federal |
| ► Statewide National Highway System Preservation Program | | | | | | | | | | |
| | 608467 | Boston | MULTIPLE | MARLBOROUGH- SUDBURY- RESURFACING AND RELATED WORK ON ROUTE 20 | 3 | NHPP | \$ 10,681,200 | \$ 8,544,960 | \$ 2,136,240 | |
| | 608468 | Boston | MULTIPLE | PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1 | 4 | NHPP | \$ 13,016,160 | \$ 10,412,928 | \$ 2,603,232 | |
| Statewide NHS Preservation Program Subtotal ► | | | | | | | \$ 23,697,360 | \$ 18,957,888 | \$ 4,739,472 | ◄ 80% Federal + 20% Non-Federal |
| ► Statewide Planning Program | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Planning Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◄ 80% Federal + 20% Non-Federal |
| ► Statewide Railroad Grade Crossings | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide RR Grade Crossings Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◄ 80% Federal + 20% Non-Federal |
| ► Statewide Safe Routes to Schools Program | | | | | | | | | | |
| | | | | No Projects Programmed | | SRTS | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | SRTS | \$ - | \$ - | \$ - | |
| Statewide Safe Routes to Schools Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◄ Funding Split Varies by Funding Source |
| ► Statewide Stormwater Retrofits | | | | | | | | | | |
| | 608214 | Boston | WINCHESTER | WINCHESTER- STORMWATER IMPROVEMENTS ALONG ROUTE 3 | 4 | STP-TE | \$ 241,920 | \$ 193,536 | \$ 48,384 | |
| | 608599 | Boston | MULTIPLE | CANTON-FOXBOROUGH-NORWOOD-WALPOLE- STORMWATER IMPROVEMENTS ALONG ROUTE 1, ROUTE 1A, AND INTERSTATE 95 | 5 | STP-TE | \$ 506,000 | \$ 404,800 | \$ 101,200 | |
| Statewide Stormwater Retrofits Subtotal ► | | | | | | | \$ 747,920 | \$ 598,336 | \$ 149,584 | ◄ 80% Federal + 20% Non-Federal |

2019 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Statewide Transportation Enhancements

| | | | | | | | | | | |
|--|--|--|--|------------------------|--|--|------|------|------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Transportation Enhancements Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

► Other Statewide Items

| | | | | | | | | | | |
|----------------------------------|--|--|--|---|--|--|------|------|------|--|
| | | | | ABP GANS Repayment | | | \$ - | \$ - | \$ - | |
| | | | | Award Adjustments, Change Orders, Project Value Changes, Etc. | | | \$ - | \$ - | \$ - | |
| | | | | DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs | | | \$ - | \$ - | \$ - | |
| | | | | Planning | | | \$ - | \$ - | \$ - | |
| | | | | Statewide Design and Right of Way | | | \$ - | \$ - | \$ - | |
| | | | | Statewide Recreational Trails | | | \$ - | \$ - | \$ - | |
| Other Statewide Items Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |

► Section 2A / Non-Federal Projects

► Non Federal Aid

| | | | | | | | | | | |
|----------------------------|--|--|--|------------------------|--|-----|------|------|------|--------------------|
| | | | | No Projects Programmed | | NFA | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | NFA | \$ - | \$ - | \$ - | |
| Non-Federal Aid Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 100% Non-Federal |

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

| | | | | | | | | | | |
|---|--|--|--|------------------------|--|-----|------|------|------|--------------------|
| | | | | No Projects Programmed | | NFA | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | NFA | \$ - | \$ - | \$ - | |
| Section 2B / Non-Federal Bridge Projects Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 100% Non-Federal |

2019 Boston Region MPO TIP Summary

| | TIP Section 1: ▼ | TIP Section 2: ▼ | Total of All Projects ▼ | |
|---------------------|---------------------|---------------------|----------------------------|--|
| Total ► | \$ 219,814,161 | \$ - | \$ 219,814,161 | ◀ Total Spending in Region |
| Federal Funds ► | \$ 178,285,167 | | \$ 178,285,167 | ◀ Total Federal Spending in Region |
| Non-Federal Funds ► | \$ 41,528,994 | \$ - | \$ 41,528,994 | ◀ 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>

2020 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|-------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|-------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

| | | | | | | | | | | |
|-----------------|--|--|--|------------------------|--|--|------|------|------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| HSIP Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 90% Federal + 10% Non-Federal |

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

| | | | | | | | | | | |
|-----------------|--------|--------|----------|---|-----|------|---------------|---------------|--------------|---|
| | 1570 | Boston | Multiple | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR | N/A | CMAQ | \$ 13,427,220 | \$ 10,741,776 | \$ 2,685,444 | AC Yr 5 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit) |
| | 604123 | Boston | 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 | STP+CMAQ+TAP Total Cost = \$15,532,405 |
| | 602077 | Boston | Lynn | LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE | 4 | CMAQ | \$ 1,000,000 | \$ 800,000 | \$ 200,000 | CMAQ+STP Total Cost = \$4,953,270 |
| | 602261 | Boston | 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 | STP+CMAQ+TAP Total Cost = \$18,584,373 |
| | 606453 | Boston | 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 | CMAQ+TAP+STP Total Cost = \$8,214,319 |
| CMAQ Subtotal ► | | | | | | | \$ 17,427,220 | \$ 13,941,776 | \$ 3,485,444 | ◀ 80% Federal + 20% Non-Federal |

► TAP - Transportation Alternatives Program

| | | | | | | | | | | |
|----------------|--------|--------|---------|---|---|-----|--------------|--------------|------------|--|
| | 604123 | Boston | 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 | STP+CMAQ+TAP Total Cost = \$15,532,405 |
| | 602261 | Boston | 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 | STP+CMAQ+TAP Total Cost = \$18,584,373 |
| | 606453 | Boston | Boston | BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET | 6 | TAP | \$ 812,432 | \$ 649,946 | \$ 162,486 | CMAQ+TAP+STP Total Cost = \$8,214,319 |
| TAP Subtotal ► | | | | | | | \$ 4,777,350 | \$ 3,821,880 | \$ 955,470 | ◀ 80% Federal + 20% Non-Federal |

2020 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|--------------------------------------|-------------------------|--------|------------------------|---|-----------------------|---------------------|--------------------------------|--------------------|------------------------|---|
| ► Non-CMAQ/HSIP/TAP (Other) | | | | | | | | | | |
| | 1570 | Boston | Multiple | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR | N/A | STP | \$ 26,572,780 | \$ 21,258,224 | \$ 5,314,556 | AC Yr 5 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit) |
| | 604123 | Boston | Ashland | ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L | 3 | STP | \$ 12,425,924 | \$ 9,940,739 | \$ 2,485,185 | STP+CMAQ+TAP Total Cost = \$15,532,405 |
| | 602077 | Boston | Lynn | LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE | 4 | STP | \$ 3,953,270 | \$ 3,162,616 | \$ 790,654 | CMAQ+STP Total Cost = \$4,953,270 |
| | 602261 | Boston | 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 | \$ 15,725,936 | \$ 12,580,749 | \$ 3,145,187 | STP+CMAQ+TAP Total Cost = \$18,584,373 |
| | 606453 | Boston | 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 | CMAQ+TAP+STP Total Cost = \$8,214,319 |
| | 606226 | Boston | Boston | BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE | 6 | STP | \$ 7,000,000 | \$ 5,600,000 | \$ 1,400,000 | Yr 1 of 5; TAP+STP+Earmarks Total Cost = \$37,411,459 |
| Non-CMAQ/HSIP/TAP (Other) Subtotal ► | | | | | | | \$ 72,079,797 | \$ 57,663,838 | \$ 14,415,959 | ◀ 80% Federal + 20% Non-Federal |

► Section 1A / Fiscal Constraint Analysis

| | | | | | |
|--|---------------|---------------|--------------------------|-----------------|---|
| Total Federal Aid Target Funds Programmed ► | \$ 94,284,367 | \$ 94,819,913 | ◀ Total Target | \$ 535,546 | Target Funds Available |
| Total Non-CMAQ/HSIP/TAP (Other) Programmed ► | \$ 72,079,797 | \$ - | ◀ Max. Non-CMAQ/HSIP/TAP | \$ (75,986,775) | Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum |
| Total HSIP Programmed ► | \$ - | \$ 4,296,710 | ◀ Min. HSIP | \$ 4,296,710 | HSIP Recommended Not Met |
| Total CMAQ Programmed ► | \$ 17,427,220 | \$ 10,741,776 | ◀ Min. CMAQ | \$ (6,685,444) | CMAQ Recommended Met |
| Total TAP Programmed ► | \$ 4,777,350 | \$ 3,259,106 | ◀ Min. TAP | \$ (1,518,244) | TAP Requirement Exceeded! |
| HSIP, CMAQ, TAP Overprogrammed \$ (3,906,978) | | | | | |

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

| | | | | | | | | | | |
|---|--------|--------|----------|--|---|------|---------------|--------------|--------------|---------------------------------|
| | 608609 | Boston | MULTIPLE | NEWTON - WESTWOOD, BRIDGE NO. N-12-0056 AND W-31-006: CLEA AND PAIT STRUCTURAL STEEL | 6 | NHPP | \$ 2,400,000 | \$ 1,920,000 | \$ 480,000 | |
| | 608596 | Boston | ESSEX | ESSEX- BRIDGE PRESERVATION, E-11-001, ROUTE 133 MAIN STREET OVER ESSEX RIVER | 4 | NHPP | \$ 46,500,000 | \$ 2,150,400 | \$ 537,600 | |
| Statewide Bridge Maintenance Program Subtotal ► | | | | | | | \$ 48,900,000 | \$ 4,070,400 | \$ 1,017,600 | ◀ 80% Federal + 20% Non-Federal |

2020 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---|-------------------------|--------|------------------------|--|-----------------------|---------------------|--------------------------------|--------------------|------------------------|---|
| ► On System | | | | | | | | | | |
| AMENDMENT: Increase Cost | 604173 | Boston | BOSTON | BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR | 6 | NHPP | \$ 15,000,000 | \$ 12,000,000 | \$ 3,000,000 | Change AC YR 4 of 5 to 4 of 6; NHPP-Br On System: 2020 - \$15,000,000 (was \$35,000,000); Total Programmed Federal Participating Cost increase from \$144,066,616 to \$157,546,729; City of Boston Contribution: \$14,444,195.50; and \$1,837,500 Non-Federal Aid funds = Total Project Cost: \$174,000,000. |
| | 608009 | Boston | BOXBOROUGH | BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495 | 3 | NHPP | \$ 8,000,000 | \$ 6,400,000 | \$ 1,600,000 | AC YR 1 of 2. Total Cost = 14,295,000 |
| | 608097 | Boston | WOBURN | WOBURN- BRIDGE REPLACEMENT & RELATED WORK, W-43-028, WASHINGTON STREET OVER I-95 | 4 | NHPP | \$ 14,000,000 | \$ 11,200,000 | \$ 2,800,000 | |
| | 605342 | Boston | STOW | STOW- BRIDGE REPLACEMENT, S-29-001, (ST 62) GLEASONDALE ROAD OVER THE ASSABET RIVER | 3 | NHPP | \$ 6,706,560 | \$ 5,365,248 | \$ 1,341,312 | |
| | 608613 | Boston | STONEHAM | STONEHAM - BRIDGE REPLACEMENT, S-27-008, MARBLE STREET OVER I-93 | 4 | NHPP | \$ 15,523,120 | \$ 12,418,496 | \$ 3,104,624 | |
| | 608614 | Boston | BOSTON | BOSTON - SUPERSTRUCTURE REPLACEMENT, B-16-179, AUSTIN STREET OVER I-93 RAMPS, MBTA COMMUTER RAIL AND ORANGE LINE | 6 | NHPP | \$ 19,673,600 | \$ 15,738,880 | \$ 3,934,720 | |
| On System Subtotal ► | | | | | | | \$ 78,903,280 | \$ 63,122,624 | \$ 15,780,656 | ◀ 80% Federal + 20% Non-Federal |
| ► Off-System | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Off-System Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Bridge Inspection Program | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Bridge Inspection Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Section 1C / Federal Aid Non-Target Projects | | | | | | | | | | |
| ► Other Federal Aid | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Other Federal Aid Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |

2020 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---|-------------------------|--------|------------------------|--|-----------------------|---------------------|--------------------------------|--------------------|------------------------|---|
| ► Section 1D / Federal Aid Major & State Category Projects | | | | | | | | | | |
| ► Regional Major Infrastructure | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Regional Major Infrastructure Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Americans with Disability Act Implementation Plan | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide ADA Implementation Plan Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Congestion Mitigation and Air Quality | | | | | | | | | | |
| | 607329 | Boston | 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 | |
| Statewide CMAQ Subtotal ► | | | | | | | \$ 7,084,000 | \$ 5,667,200 | \$ 1,416,800 | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide HSIP Program | | | | | | | | | | |
| | 608562 | Boston | 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 | Design funds are programmed in FFY 2017 in Section 1C, under the Federal Aid Non-Target Project (HPP funds) |
| Statewide HSIP Program Subtotal ► | | | | | | | \$ 2,688,000 | \$ 2,419,200 | \$ 268,800 | ◀ 90% Federal + 10% Non-Federal |
| ► Statewide Infrastructure Program | | | | | | | | | | |
| | 608611 | Boston | MULTIPLE | CANTON-MILTON-RANDOLPH, REPLACEMENT AND REHABILITATION OF THE HIGHWAY LIGHTING SYSTEM AT THE ROUTE 24/ROUTE1/I-93 INTERCHANGE. | 6 | STP | \$ 9,591,791 | \$ 7,757,783 | \$ 1,834,008 | |
| | 608608 | Boston | BRAINTREE | BRAINTREE - HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ ROUTE 3 INTERCHANGE | 6 | STP | \$ 2,197,229 | \$ 1,757,783 | \$ 439,446 | AC Year 2 of 2. Total Cost = \$9,697,229.16. |
| | 607977 | Boston | MULTIPLE | HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE | 3 | NHPP | \$ 1,000,000 | \$ 800,000 | \$ 200,000 | AC YEAR 1 OF 5. \$269M total cost. \$161.4M TFPC, 107.6M NFA. |
| Statewide Infrastructure Program Subtotal ► | | | | | | | \$ 12,789,020 | \$ 10,315,567 | \$ 2,473,454 | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Interstate Maintenance Program | | | | | | | | | | |
| | 608208 | Boston | MULTIPLE | QUINCY- MILTON- BOSTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-93 | 6 | NHPP | \$20,123,712 | \$18,111,341 | \$2,012,371 | IM + Stormwater = \$20,625,472 |
| Statewide Interstate Maintenance Program Subtotal ► | | | | | | | \$ 20,123,712 | \$ 18,111,341 | \$ 2,012,371 | ◀ 90% Federal + 10% Non-Federal |
| ► Statewide Intelligent Transportation Systems | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide ITS Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

2020 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---|-------------------------|--------|------------------------|---|-----------------------|---------------------|--------------------------------|--------------------|------------------------|--|
| ► Statewide National Freight Program | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide National Freight Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide National Highway System Preservation Program | | | | | | | | | | |
| | 608478 | Boston | CONCORD | CONCORD- RESURFACING AND RELATED WORK ON ROUTE 2 | 4 | NHPP | \$ 5,241,600 | \$ 4,193,280 | \$ 1,048,320 | |
| | 608480 | Boston | FOXBOROUGH | FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON ROUTE 1 | 5 | NHPP | \$ 8,578,080 | \$ 6,862,464 | \$ 1,715,616 | |
| | 608482 | Boston | MULTIPLE | CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28 | 6 | NHPP | \$ 7,843,920 | \$ 6,275,136 | \$ 1,568,784 | |
| | 608483 | Boston | WEYMOUTH | WEYMOUTH- RESURFACING AND RELATED WORK ON ROUTE 3A | 6 | NHPP | \$ 2,576,000 | \$ 2,060,800 | \$ 515,200 | |
| Statewide NHS Preservation Program Subtotal ► | | | | | | | \$ 24,239,600 | \$ 19,391,680 | \$ 4,847,920 | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Planning Program | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Planning Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Railroad Grade Crossings | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide RR Grade Crossings Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Safe Routes to Schools Program | | | | | | | | | | |
| | | | | No Projects Programmed | | SRTS | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | SRTS | \$ - | \$ - | \$ - | |
| Statewide Safe Routes to Schools Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |
| ► Statewide Stormwater Retrofits | | | | | | | | | | |
| | 608208 | Boston | MULTIPLE | QUINCY- MILTON- BOSTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-93 | 6 | STP-TE | \$ 501,760 | \$ 401,408 | \$ 100,352 | IM + Stormwater = \$20,625,472 |
| Statewide Stormwater Retrofits Subtotal ► | | | | | | | \$ 501,760 | \$ 401,408 | \$ 100,352 | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Transportation Enhancements | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Transportation Enhancements Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

2020 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|----------------------------------|-------------------------|-------|------------------------|---|-----------------------|---------------------|--------------------------------|--------------------|------------------------|--|
| ► Other Statewide Items | | | | | | | | | | |
| | | | | ABP GANS Repayment | | | \$ - | \$ - | \$ - | |
| | | | | Award Adjustments, Change Orders, Project Value Changes, Etc. | | | \$ - | \$ - | \$ - | |
| | | | | DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs | | | \$ - | \$ - | \$ - | |
| | | | | Planning | | | \$ - | \$ - | \$ - | |
| | | | | Statewide Design and Right of Way | | | \$ - | \$ - | \$ - | |
| | | | | Statewide Recreational Trails | | | \$ - | \$ - | \$ - | |
| Other Statewide Items Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |

► Section 2A / Non-Federal Projects

| ► Non Federal Aid | | | | | | | | | | |
|----------------------------|--|--|--|------------------------|--|--|------|------|------|--------------------|
| | | | | No Projects Programmed | | | | | | |
| Non-Federal Aid Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 100% Non-Federal |

► Section 2B / Non-Federal Bridge Projects

| ► Section 2B / Non-Federal Bridge Projects | | | | | | | | | | |
|---|--|--|--|------------------------|--|-----|------|------|------|--------------------|
| | | | | No Projects Programmed | | NFA | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | NFA | \$ - | \$ - | \$ - | |
| Section 2B / Non-Federal Bridge Projects Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 100% Non-Federal |

2020 Boston Region MPO TIP Summary

| | TIP Section 1: ▼ | TIP Section 2: ▼ | Total of All Projects ▼ | |
|---------------------|---------------------|---------------------|----------------------------|--|
| Total ► | \$ 245,701,739 | \$ - | \$ 245,701,739 | ◀ Total Spending in Region |
| Federal Funds ► | \$ 198,926,913 | \$ - | \$ 198,926,913 | ◀ Total Federal Spending in Region |
| Non-Federal Funds ► | \$ 46,774,826 | \$ - | \$ 46,774,826 | ◀ 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>

2021 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

| | | | | | | | | | | |
|------------------------|--------|--------|------------|--|---|------|---------------------|---------------------|-------------------|--|
| | 608228 | Boston | Framingham | FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET | 3 | HSIP | \$ 1,509,587 | \$ 1,358,628 | \$ 150,959 | STP+HSIP+TAP Total Cost = \$10,063,912 |
| | 605857 | Boston | Norwood | NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET | 5 | HSIP | \$ 631,724 | \$ 568,552 | \$ 63,172 | HSIP+CMAQ+STP Total Cost = \$6,317,236 |
| | 608347 | Boston | 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 | HSIP+CMAQ Total Cost = \$3,509,576 |
| HSIP Subtotal ► | | | | | | | \$ 4,481,040 | \$ 4,032,936 | \$ 448,104 | ◀ 90% Federal + 10% Non-Federal |

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

| | | | | | | | | | | |
|------------------------|--------|--------|----------|--|-----|------|----------------------|----------------------|---------------------|---|
| | BN0001 | Boston | Multiple | Community Transportation Program | N/A | CMAQ | \$ 1,750,000 | \$ 1,400,000 | \$ 350,000 | |
| | 1570 | Boston | Multiple | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR | N/A | CMAQ | \$ 10,000,000 | \$ 8,000,000 | \$ 2,000,000 | AC Yr 6 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit) |
| | 605857 | Boston | Norwood | NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET | 5 | CMAQ | \$ 3,000,000 | \$ 2,400,000 | \$ 600,000 | HSIP+CMAQ+STP Total Cost = \$6,317,236 |
| | 608347 | Boston | 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 | \$ 1,169,847 | \$ 935,878 | \$ 233,969 | HSIP+CMAQ Total Cost = \$3,509,576 |
| CMAQ Subtotal ► | | | | | | | \$ 15,919,847 | \$ 12,735,878 | \$ 3,183,969 | ◀ 80% Federal + 20% Non-Federal |

► TAP - Transportation Alternatives Program

| | | | | | | | | | | |
|-----------------------|--------|--------|------------|--|---|-----|---------------------|---------------------|-------------------|---|
| | 608228 | Boston | Framingham | FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET | 3 | TAP | \$ 1,006,391 | \$ 805,113 | \$ 201,278 | STP+HSIP+TAP Total Cost = \$10,063,912 |
| | 606501 | Boston | Holbrook | HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET | 5 | TAP | \$ 289,088 | \$ 231,270 | \$ 57,818 | TAP+STP+Earmark Total Cost = \$2,890,880 |
| | 606226 | Boston | Boston | BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE | 6 | TAP | \$ 2,183,253 | \$ 1,746,602 | \$ 436,651 | Yr 2 of 5; TAP+STP+Earmarks Total Cost = \$37,411,459 |
| TAP Subtotal ► | | | | | | | \$ 3,478,732 | \$ 2,782,986 | \$ 695,746 | ◀ 80% Federal + 20% Non-Federal |

2021 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Non-CMAQ/HSIP/TAP (Other)

| | | | | | | | | | | |
|---|--------|--------|------------|--|-----|-----|----------------------|----------------------|----------------------|---|
| | 1570 | Boston | Multiple | GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR | N/A | STP | \$ 22,000,000 | \$ 17,600,000 | \$ 4,400,000 | AC Yr 6 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit) |
| | 606226 | Boston | Boston | BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE | 6 | STP | \$ 19,649,276 | \$ 15,719,421 | \$ 3,929,855 | Yr 2 of 5; TAP+STP+Earmarks Total Cost = \$37,411,459 |
| | 604996 | Boston | Woburn | WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA | 4 | STP | \$ 17,784,392 | \$ 14,227,514 | \$ 3,556,878 | |
| | 608228 | Boston | Framingham | FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET | 3 | STP | \$ 7,547,934 | \$ 6,038,347 | \$ 1,509,587 | STP+HSIP+TAP Total Cost = \$10,063,912 |
| | 605857 | Boston | Norwood | NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET | 5 | STP | \$ 2,685,512 | \$ 2,148,410 | \$ 537,102 | HSIP+CMAQ+STP Total Cost = \$6,317,236 |
| | 606501 | Boston | 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 | TAP+STP+Earmark Total Cost = \$2,890,880 |
| Non-CMAQ/HSIP/TAP (Other) Subtotal ► | | | | | | | \$ 70,741,656 | \$ 56,593,325 | \$ 14,148,331 | ◄ 80% Federal + 20% Non-Federal |

► Section 1A / Fiscal Constraint Analysis

| | | | | | |
|---|---------------|---------------|--------------------------|-----------------|---|
| Total Federal Aid Target Funds Programmed ► | \$ 94,621,275 | \$ 94,819,913 | ◄ Total Target | \$ 198,638 | Target Funds Available |
| Total Non-CMAQ/HSIP/TAP (Other) Programmed ► | \$ 70,741,656 | | ◄ Max. Non-CMAQ/HSIP/TAP | \$ (76,586,668) | Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum |
| Total HSIP Programmed ► | \$ 4,481,040 | \$ 4,296,710 | ◄ Min. HSIP | \$ (184,330) | HSIP Recommended Met |
| Total CMAQ Programmed ► | \$ 15,919,847 | \$ 10,741,776 | ◄ Min. CMAQ | \$ (5,178,071) | CMAQ Recommended Met |
| Total TAP Programmed ► | \$ 3,478,732 | \$ 2,996,121 | ◄ Min. TAP | \$ (482,611) | TAP Requirement Exceeded! |
| HSIP, CMAQ, TAP Overprogrammed \$ (5,845,012) | | | | | |

2021 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

| | | | | | | | | | | | |
|--|--------|--------|--------|--|---|------|---------------------|---------------------|-------------------|---------------------------------|--|
| | 608610 | Boston | NEWTON | NEWTON, BRIDGE NUMBER N-12-055: CLEAN AND PAINT STRUCTURAL STEEL | 6 | NHPP | \$ 2,308,000 | \$ 1,846,400 | \$ 461,600 | | |
| Statewide Bridge Maintenance Program Subtotal ► | | | | | | | \$ 2,308,000 | \$ 1,846,400 | \$ 461,600 | ◀ 80% Federal + 20% Non-Federal | |
| | | | | | | | \$ 46,500,000 | | | | |

► On System

| | | | | | | | | | | |
|-----------------------------|--------|--------|------------|--|---|------|----------------------|----------------------|---------------------|---|
| AMENDMENT: Increase Cost | 604173 | Boston | BOSTON | BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR | 6 | NHPP | \$ 11,066,617 | \$ 8,853,294 | \$ 2,213,323 | Change AC YR 5 of 5 to 5 of 6; NHPP-Br On System: 2021 - \$11,066,617 (was \$18,666,616); Total Programmed Federal Participating Cost increase from \$144,066,616 to \$157,546,729; City of Boston Contribution: \$14,444,195.50; and \$1,837,500 Non-Federal Aid funds = Total Project Cost: \$174,000,000. |
| | 608009 | Boston | BOXBOROUGH | BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495 | 3 | NHPP | \$ 6,295,000 | \$ 5,036,000 | \$ 1,259,000 | AC YR 2 of 2. Total Cost = 14,295,000 |
| On System Subtotal ► | | | | | | | \$ 17,361,617 | \$ 13,889,294 | \$ 3,472,323 | ◀ 80% Federal + 20% Non-Federal |

► Off-System

| | | | | | | | | | | |
|------------------------------|--------|--------|---------|---|----|------------|---------------------|---------------------|-------------------|---------------------------------|
| | 608637 | Boston | MAYNARD | MAYNARD - BRIDGE REPLACEMENT, M-10-006, FLORIDA ROAD OVER ASSABET RIVER | D3 | STP-BR-OFF | \$ 1,646,620 | \$ 1,317,296 | \$ 329,324 | |
| Off-System Subtotal ► | | | | | | | \$ 1,646,620 | \$ 1,317,296 | \$ 329,324 | ◀ 80% Federal + 20% Non-Federal |

► Statewide Bridge Inspection Program

| | | | | | | | | | | |
|---|--|--|--|------------------------|--|--|-------------|-------------|-------------|---------------------------------|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Bridge Inspection Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

| | | | | | | | | | | |
|-------------------------------------|--------|--------|----------|--|---|-----|----------------------|---------------------|---------------------|--|
| | 606501 | Boston | Holbrook | 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 | Construction; TAP+STP+Earmark (MA177) Total Cost = \$2,890,880 |
| | 606226 | Boston | Boston | BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE | 6 | HPP | \$ 126,970 | \$ 101,576 | \$ 25,394 | Construction; (MA183); Yr 2 of 5; TAP+STP+Earmarks Total Cost = \$37,411,459 |
| | 606226 | Boston | Boston | BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE | 6 | HPP | \$ 8,451,960 | \$ 6,761,568 | \$ 1,690,392 | Construction; (MA210); Yr 2 of 5; TAP+STP+Earmarks Total Cost = \$37,411,459 |
| Other Federal Aid Subtotal ► | | | | | | | \$ 10,106,180 | \$ 8,084,944 | \$ 2,021,236 | ◀ Funding Split Varies by Funding Source |

2021 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure

| | | | | | | | | | | |
|---|--|--|--|------------------------|--|--|-------------|-------------|-------------|--|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Regional Major Infrastructure Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

► Statewide Americans with Disability Act Implementation Plan

| | | | | | | | | | | |
|---|--|--|--|------------------------|--|--|-------------|-------------|-------------|--|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide ADA Implementation Plan Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

► Statewide Congestion Mitigation and Air Quality

| | | | | | | | | | | |
|----------------------------------|--------|--------|--------|---|---|------|---------------------|---------------------|-------------------|--|
| | 607901 | Boston | DEDHAM | DEDHAM- PEDESTRIAN IMPROVEMENTS ALONG ELM STREET & RUSTCRAFT ROAD CORRIDORS | 6 | CMAQ | \$ 2,581,113 | \$ 2,064,891 | \$ 516,223 | |
| Statewide CMAQ Subtotal ► | | | | | | | \$ 2,581,113 | \$ 2,064,891 | \$ 516,223 | ◀ 80% Federal + 20% Non-Federal |

► Statewide HSIP Program

| | | | | | | | | | | |
|--|--|--|--|------------------------|--|--|-------------|-------------|-------------|--|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide HSIP Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 90% Federal + 10% Non-Federal |

► Statewide Infrastructure Program

| | | | | | | | | | | |
|--|--------|--------|----------|--|---|------|----------------------|----------------------|---------------------|---|
| | 607977 | Boston | MULTIPLE | HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE | 3 | NHPP | \$ 37,500,000 | \$ 30,000,000 | \$ 7,500,000 | AC YEAR 2 OF 5. \$269M total cost. \$161.4M TFPC, 107.6M NFA. |
| Statewide Infrastructure Program Subtotal ► | | | | | | | \$ 37,500,000 | \$ 30,000,000 | \$ 7,500,000 | ◀ 80% Federal + 20% Non-Federal |

► Statewide Interstate Maintenance Program

| | | | | | | | | | | |
|--|--------|--------|----------|--|---|------|----------------------|----------------------|---------------------|--|
| | 608210 | Boston | MULTIPLE | FOXBOROUGH- PLAINVILLE- WRENTHAM- FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495 | 5 | NHPP | \$ 26,680,000 | \$ 24,012,000 | \$ 2,668,000 | |
| Statewide Interstate Maintenance Program Subtotal ► | | | | | | | \$ 26,680,000 | \$ 24,012,000 | \$ 2,668,000 | ◀ 90% Federal + 10% Non-Federal |

► Statewide Intelligent Transportation Systems

| | | | | | | | | | | |
|---------------------------------|--|--|--|------------------------|--|--|-------------|-------------|-------------|--|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide ITS Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

► Statewide National Freight Program

| | | | | | | | | | | |
|--|--|--|--|------------------------|--|--|-------------|-------------|-------------|--|
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide National Freight Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |

2021 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---|----------------------------|--------|------------------------|--|-----------------------|---------------------|--------------------------------|----------------------|------------------------|--|
| ► Statewide National Highway System Preservation Program | | | | | | | | | | |
| | 608484 | Boston | MULTIPLE | CANTON- MILTON- RESURFACING AND RELATED WORK ON ROUTE 138 | 6 | NHPP | \$ 13,766,880 | \$ 11,013,504 | \$ 2,753,376 | |
| | 608476 | Boston | SOUTHBOROUGH | SOUTHBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 30 | 3 | NHPP | \$ 2,784,000 | \$ 2,227,200 | \$ 556,800 | |
| Statewide NHS Preservation Program Subtotal ► | | | | | | | \$ 16,550,880 | \$ 13,240,704 | \$ 3,310,176 | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Planning Program | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Planning Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Railroad Grade Crossings | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide RR Grade Crossings Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Safe Routes to Schools Program | | | | | | | | | | |
| | | | | No Projects Programmed | | SRTS | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | SRTS | \$ - | \$ - | \$ - | |
| Statewide Safe Routes to Schools Program Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |
| ► Statewide Stormwater Retrofits | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Stormwater Retrofits Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Statewide Transportation Enhancements | | | | | | | | | | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| | | | | No Projects Programmed | | | \$ - | \$ - | \$ - | |
| Statewide Transportation Enhancements Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ 80% Federal + 20% Non-Federal |
| ► Other Statewide Items | | | | | | | | | | |
| | | | | ABP GANS Repayment | | | \$ - | \$ - | \$ - | |
| | | | | Award Adjustments, Change Orders, Project Value Changes, Etc. | | | \$ - | \$ - | \$ - | |
| | | | | DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs | | | \$ - | \$ - | \$ - | |
| | | | | Planning | | | \$ - | \$ - | \$ - | |
| | | | | Statewide Design and Right of Way | | | \$ - | \$ - | \$ - | |
| | | | | Statewide Recreational Trails | | | \$ - | \$ - | \$ - | |
| Other Statewide Items Subtotal ► | | | | | | | \$ - | \$ - | \$ - | ◀ Funding Split Varies by Funding Source |

2021 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed
08/17/17 Amendment Four

| Amendment/ Adjustment Type ▼ | MassDOT Project ID ▼ | MPO ▼ | Municipality Name ▼ | MassDOT Project Description ▼ | MassDOT District ▼ | Funding Source ▼ | Total Programmed Funds ▼ | Federal Funds ▼ | Non-Federal Funds ▼ | Additional Information ▼ |
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|
|---------------------------------|----------------------------|-------|------------------------|----------------------------------|-----------------------|---------------------|--------------------------------|--------------------|------------------------|-----------------------------|

► Section 2A / Non-Federal Projects

► Non Federal Aid

| | | | | | | | | | | | |
|----------------------------------|--|--|--|------------------------|--|--|-----------|----------|-----------|----------|--------------------------|
| | | | | No Projects Programmed | | | | | | | |
| Non-Federal Aid Subtotal► | | | | | | | \$ | - | \$ | - | ◀100% Non-Federal |

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

| | | | | | | | | | | | |
|---|--|--|--|------------------------|--|-----|-----------|----------|-----------|----------|--------------------------|
| | | | | No Projects Programmed | | NFA | \$ | - | \$ | - | |
| | | | | No Projects Programmed | | NFA | \$ | - | \$ | - | |
| Section 2B / Non-Federal Bridge Projects Subtotal► | | | | | | | \$ | - | \$ | - | ◀100% Non-Federal |

2021 Boston Region MPO TIP Summary

| | TIP Section 1: ▼ | TIP Section 2: ▼ | Total of All Projects ▼ | |
|---------------------|---------------------|---------------------|----------------------------|--|
| Total ► | \$ 209,355,685 | \$ - | \$ 209,355,685 | ◀ Total Spending in Region |
| Federal Funds ► | \$ 170,600,652 | | \$ 170,600,652 | ◀ Total Federal Spending in Region |
| Non-Federal Funds ► | \$ 38,755,033 | \$ - | \$ 38,755,033 | ◀ 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>