

Staff Recommendation Option One 2010 Element of the FFYs 2010 - 2013 TIP

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

Indicates a new addition to the TIP

Indicates a new funding category

Regional Highway Program

FEDERAL-AID TARGET PROJECTS

Congestion Mitigation and Air Quality Improvement Program

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|--|-------------------------|--|-------------------------------------|--------------------------|---------------------|--------------------------------------|
| Bellingham | 602493 | Pulaski Blvd** | \$1,600,000 | \$400,000 | \$2,000,000 | |
| Boston | 604761 | South Bay Harbor Trail (construction) | \$3,080,000 | \$770,000 | \$3,850,000 | |
| Boston | 601274 | Tremont Street , Phase 1 | \$0 | \$0 | \$0 | \$1,456,000 project removed from TIP |
| Somerville | 604331 | Somerville Community Path, Phase 1 | \$0 | \$0 | \$0 | \$3,487,611 moved to 2011 |
| Weymouth | 114906 | Route 53 (Washington Street)/Middle Street | \$1,820,656 | \$455,164 | \$2,275,820 | \$1,750,000 |
| | | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> | |
| Boston Region | Regionwide CMAQ Program | | \$1,600,000 | \$400,000 | \$2,000,000 | \$1,550,000 |
| Congestion Mitigation and Air Quality Improvement Program Total | | | \$8,100,656 | \$2,025,164 | \$10,125,820 | |
| | | | <i>Minimum CMAQ Regional Target</i> | | \$0 | |

National Highway System

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|--------------------------------------|--------|--|----------------------|--------------------|---------------------|---|
| Canton, Randolph & Westwood | 87800 | Route 128 Improvement Program Contract 3, Year Four of Six** | \$5,600,000 | \$1,400,000 | \$7,000,000 | \$4,630,368 |
| Dedham, Needham & Westwood | 603206 | Route 128 Improvement Program Contract 4, Year Two of Six** | \$8,000,000 | \$2,000,000 | \$10,000,000 | \$6,073,682 |
| Needham & Wellesley | 603711 | Route 128 Improvement Program Contract 5, Year One of Six** | | | \$0 | \$5,048,780 contract not ready until 2012 |
| National Highway System Total | | | \$13,600,000 | \$3,400,000 | \$17,000,000 | |

Staff Recommendation Option One 2010 Element of the FFYs 2010 - 2013 TIP

Surface Transportation Program

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|---|--------|--|----------------------|--------------------|---------------------|------------------------------------|
| Arlington | 604687 | Massachusetts Ave | \$0 | \$0 | \$2,650,000 | \$2,650,000 moved to 2012 |
| Bellingham | 602493 | Pulaski Blvd** | \$8,805,208 | \$2,201,302 | \$11,006,510 | \$7,500,000 |
| Boston | 601274 | Tremont Street , Phase 1 | \$0 | \$0 | \$0 | \$744,000 project removed from TIP |
| Danvers/Peabody | 87612 | Route 128 at Route 35 and Route 62** | \$7,360,000 | \$1,840,000 | \$9,200,000 | \$3,000,000 |
| Lexington | 602133 | Intersection Improvements at Route 2A and Waltham St | \$1,289,560 | \$322,390 | \$1,611,950 | moved in from 2011, was \$1M |
| Everett | 602382 | Route 99 (Broadway) | \$1,947,312 | \$486,828 | \$2,434,140 | \$2,161,720 |
| Norwood | 604916 | Pleasant St at Morse St | \$738,496 | \$184,624 | \$923,120 | \$600,000 |
| Weymouth | 601630 | Route 18** | \$0 | \$0 | \$0 | \$10,700,000 moved to 2012, 2013 |
| Surface Transportation Program Total | | | \$20,140,576 | \$5,035,144 | \$25,175,720 | |

Highway Safety Improvement Program (HSIP) Project

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> |
|---|-------|--------------------------------------|-------------------------------------|--------------------|--------------------|
| Danvers/Peabody | 87612 | Route 128 at Route 35 and Route 62** | \$3,437,368 | \$859,342 | \$4,296,710 |
| Highway Safety Improvement Program Total | | | \$3,437,368 | \$859,342 | \$4,296,710 |
| | | | <i>Minimum HSIP Regional Target</i> | | \$4,296,710 |

Surface Transportation Program/Enhancement

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|---|--|---|----------------------|--------------------|--------------------|------------------------------|
| Ipswich | | North Green Improvements (Construction) | \$0 | \$0 | \$0 | \$1,076,235 moved to 2011 |
| Surface Transportation Program/Enhancement Total | | | \$0 | \$0 | \$0 | |

Total Regional Target Programming **\$56,598,250**
Boston Region MPO Regional Target with State Match **\$56,607,514**

programming less target
\$9,264

FEDERAL AID NON-TARGET PROJECTS

High-Priority Projects (TEA-21)

| | | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|--------|--|--|----------------------|--------------------------|--------------------|------------------------------|
| Boston | | Huntington Ave/Symphony Area Streetscape Construction (HPP 447) | \$2,140,232 | \$535,058 | \$2,675,290 | |
| Boston | | Huntington Ave/Symphony Area Streetscape Construction (HPP 1811) | \$820,080 | \$205,020 | \$1,025,100 | |

Staff Recommendation Option One 2010 Element of the FFYs 2010 - 2013 TIP

High-Priority Projects (SAFETEA-LU)

| | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|--|--|----------------------|--------------------------|---------------------|---|
| Boston | Warren St/Blue Hill Ave Construction (HPP 2129) | \$0 | \$0 | \$0 | \$2,692,496 moved to 2011 |
| Boston | Melnea Cass Blvd Construction (HPP 756) | \$0 | \$0 | \$0 | \$2,423,248 moved to 2012 |
| Boston | Melnea Cass Blvd Construction (HPP 4284) | \$0 | \$0 | \$0 | \$5,007,375 moved to 2013 |
| Hudson & Stow | 604531 Assabet River Rail Trail (Design) (HPP 1761)** | \$0 | \$0 | \$0 | \$326,250 programming dependent on the Plan |
| Quincy | 604664 Quincy Center Concourse, Phase II** | \$6,008,850 | \$1,502,213 | \$7,511,063 | project moved in from 2009 |
| Somerville | 604331 Somerville Community Path, Phase 1 Construction (HPP 2782) | \$0 | \$0 | \$0 | \$1,012,389 moved to 2011 |
| Somerville | Assembly Square Construction (HPP 4281) | \$0 | \$0 | \$0 | \$6,259,219 programmed in 2009 TIP |
| Somerville | 605219 Improvements to Broadway in East Somerville Construction (HPP 431)* | \$1,987,798 | \$496,950 | \$2,484,748 | |
| Walpole | 605187 Washington St Construction (HPP 2431) | \$1,259,860 | \$314,965 | \$1,574,825 | now reflect total available earmark |
| High-Priority Projects Total | | | | \$15,271,026 | |
| Total Federal-Aid Highway Program | | | | | |

* Additional money to be provided from outside sources

** Project that should be included in the Plan

Staff Recommendation Option One FFY 2011 Element of the FFYs 2010 - 2013 TIP

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Indicates a new addition to the TIP

Indicates a new funding category

Regional Highway Program

FEDERAL-AID TARGET PROJECTS

Congestion Mitigation and Air Quality Improvement Program

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|--|-------------------------|------------------------------------|-------------------------------------|--------------------------|---------------------|------------------------------|
| Concord & Lincoln | 602984 | Route 2 (Crosby's Corner)** | \$8,000,000 | \$2,000,000 | \$10,000,000 | |
| Somerville | 604331 | Somerville Community Path, Phase 1 | \$2,790,089 | \$697,522 | \$3,487,611 | moved from 2010 |
| | | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> | |
| Boston Region | Regionwide CMAQ Program | | \$1,600,000 | \$400,000 | \$2,000,000 | \$1,550,000 |
| Congestion Mitigation and Air Quality Improvement Program Total | | | \$12,390,089 | \$3,097,522 | \$15,487,611 | |
| | | | <i>Minimum CMAQ Regional Target</i> | | \$0 | |

National Highway System

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|--------------------------------------|--------|---|----------------------|--------------------|---------------------|--|
| Canton, Randolph & Westwood | 087800 | Route 128 Improvement Program Contract 3, Year Five of Six** | \$4,800,000 | \$1,200,000 | \$6,000,000 | \$9,000,000 |
| Dedham, Needham & Westwood | 603206 | Route 128 Improvement Program Contract 4, Year Three of Six** | \$9,600,000 | \$2,400,000 | \$12,000,000 | \$8,000,000 |
| Needham & Wellesley | 603711 | Route 128 Improvement Program Contract 5, Year Two of Six** | \$0 | \$0 | \$0 | \$10,527,000 contract not ready until 2012 |
| National Highway System Total | | | \$14,400,000 | \$3,600,000 | \$18,000,000 | |

Surface Transportation Program

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|---|--------|--------------------------------------|----------------------|--------------------|---------------------|------------------------------|
| Concord & Lincoln | 602984 | Route 2 (Crosby's Corner) | \$2,542,189 | \$635,547 | \$3,177,736 | |
| Danvers/Peabody | 87612 | Route 128 at Route 35 and Route 62** | \$9,988,232 | \$2,497,058 | \$12,485,290 | |
| Somerville | 601820 | Beacon Street | \$0 | \$0 | \$0 | \$1,319,690 moved to 2013 |
| Surface Transportation Program Total | | | \$12,530,421 | \$3,132,605 | \$15,663,026 | |

Staff Recommendation Option One

FFY 2011 Element of the FFYs 2010 - 2013 TIP

Highway Safety Improvement Program (HSIP) Project

| | | | | |
|--|----------------------|-------------------------------------|--------------------|--|
| | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | |
| Concord & Lincoln 602984 Route 2 (Crosby's Corner)** | \$3,437,368 | \$859,342 | \$4,296,710 | |
| Highway Safety Improvement Program Total | \$3,437,368 | \$859,342 | \$4,296,710 | |
| | | <i>Minimum HSIP Regional Target</i> | \$4,296,710 | |

Surface Transportation Program/Enhancement

| | | | | |
|--|----------------------|--------------------|--------------------|------------------------------|
| | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | |
| Ipswich North Green Improvements (Construction) | \$860,988 | \$215,247 | \$1,076,235 | <i>previous amount/notes</i> |
| Surface Transportation Program/Enhancement Total | \$860,988 | \$215,247 | \$1,076,235 | moved from 2010 |

| | | |
|--|---------------------|--------------------------------|
| Total Regional Target Programming | \$54,523,582 | |
| <i>*Boston Region MPO Regional Target with State Match</i> | \$54,184,159 | <i>programming less target</i> |
| | | -\$339,423 |

*Boston Region MPO Target minus AC projects and ongoing programs is then actualized by 4% for 2011

| | | | |
|---|--------------|-------------------------------|-------------|
| state target | \$54,526,295 | state target less AC/programs | \$8,553,394 |
| less AC/programs multiplied by 1.04 | \$8,895,530 | difference | \$342,136 |
| state target less difference (new target) | \$54,184,159 | | |

FEDERAL AID NON-TARGET PROJECTS

High-Priority Projects (SAFETEA-LU)

| | | | | |
|--|-------------|-------------|-------------|--------------------|
| Boston Warren St/Blue Hill Ave Construction (HPP 2129) | \$2,153,997 | \$538,499 | \$2,692,496 | moved in from 2010 |
| Boston Melnea Cass Blvd Construction (HPP 756) | \$1,938,598 | \$484,650 | \$2,423,248 | moved in from 2010 |
| Boston Melnea Cass Blvd Construction (HPP 4284) | \$4,005,900 | \$1,001,475 | \$5,007,375 | moved in from 2010 |
| Somerville 604331 Somerville Community Path, Phase 1 Construction (HPP 2782) | \$809,911 | \$202,478 | \$1,012,389 | moved in from 2010 |

| | |
|-------------------------------------|---------------------|
| High-Priority Projects Total | \$11,135,508 |
| Total Highway Program | |

** Project that should be included in the Plan

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Indicates a new addition to the TIP

Indicates a new funding category

Regional Highway Program

FEDERAL-AID TARGET PROJECTS

Congestion Mitigation and Air Quality Improvement Program

| | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> | |
|--|-------------------------|-------------------------------------|--------------------------|--------------------|-------------|
| Boston Region | Regionwide CMAQ Program | \$1,600,000 | \$400,000 | \$2,000,000 | \$1,550,000 |
| Congestion Mitigation and Air Quality Improvement Program Total | | \$1,600,000 | \$400,000 | \$2,000,000 | |
| | | <i>Minimum CMAQ Regional Target</i> | | \$0 | |

National Highway System

| | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | |
|--------------------------------------|---|----------------------|--------------------|---------------------|--------------|
| Canton, Randolph & Westwood | 087800 Route 128 Improvement Program Contract 3, Year Six of Six** | \$4,800,000 | \$1,200,000 | \$6,000,000 | \$5,150,243 |
| Dedham, Needham & Westwood | 603206 Route 128 Improvement Program Contract 4, Year Four of Six** | \$9,600,000 | \$2,400,000 | \$12,000,000 | \$13,926,318 |
| Needham & Wellesley | 603711 Route 128 Improvement Program Contract 5, Year One of Six** | \$9,600,000 | \$2,400,000 | \$12,000,000 | \$12,424,220 |
| National Highway System Total | | \$24,000,000 | \$6,000,000 | \$30,000,000 | |

Surface Transportation Program

| | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | |
|---|------------------------------------|----------------------|--------------------|---------------------|-------------------------------------|
| Arlington | 604687 Massachusetts Ave | \$2,120,000 | \$530,000 | \$2,650,000 | moved from 2010 |
| Concord & Lincoln | 602984 Route 2 (Crosby's Corner)** | \$8,400,000 | \$2,100,000 | \$10,500,000 | |
| Somerville | Magon Square | | | \$0 | \$3,100,000 ARRA funded |
| Weymouth | 601630 Route 18 ** | \$3,437,368 | \$859,342 | \$5,250,000 | from 2010 and split (2012 and 2013) |
| Surface Transportation Program Total | | \$8,400,000 | \$2,100,000 | \$18,400,000 | |

Highway Safety Improvement Program (HSIP) Project

| | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | |
|---|------------------------------------|-------------------------------------|--------------------|--------------------|--|
| Concord & Lincoln | 602984 Route 2 (Crosby's Corner)** | \$3,437,368 | \$859,342 | \$4,296,710 | |
| Highway Safety Improvement Program Total | | \$3,437,368 | \$859,342 | \$4,296,710 | |
| | | <i>Minimum HSIP Regional Target</i> | | \$4,296,710 | |

Staff Recommendation Option One FFY 2012 Element of the FFYs 2010 - 2013 TIP

Surface Transportation Program/Enhancement

| | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> |
|---|--|----------------------|--------------------|--------------------|
| Cambridge | 605188 Cambridge Common (Construction) | | | \$0 |
| Surface Transportation Program/Enhancement Total | | \$0 | \$0 | \$0 |

\$1,000,000 moved to 2013

Total Regional Target Programming **\$54,696,710**

Boston Region MPO Regional Target with State Match* **\$54,687,247

programming less target
-\$9,463

**Boston Region MPO Target minus AC projects and ongoing programs is then actualized by 4% for 2011 and 2012*

| | | |
|---|---|-------------|
| | \$55,388,323 te target less AC/programs | \$8,591,613 |
| less AC/programs multiplied by 1.04 for 2011 and 2012 | \$9,292,689 | difference |
| state target less difference (new target) | \$54,687,247 | \$701,076 |

FEDERAL AID NON-TARGET PROJECTS

High-Priority Projects (TEA-21)

| | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> |
|----------|--------------------------------|----------------------|--------------------------|--------------------|
| Weymouth | 601630 Route 18 Construction** | \$10,065,631 | \$2,516,408 | \$12,582,039 |

moved in from 2010

High-Priority Projects (SAFETEA-LU)

| | | | | |
|-----------|--|-------------|-----------|-------------|
| Arlington | 604687 Massachusetts Ave Construction (HPP 47) | \$1,157,597 | \$289,399 | \$1,446,996 |
|-----------|--|-------------|-----------|-------------|

moved in from 2010

High-Priority Project (SAFETEA-LU) Other Match

| | | <i>Federal Funds</i> | <i>Other Funds</i> | <i>Total Funds</i> |
|-----------|---------------------------------------|----------------------|--------------------|--------------------|
| Arlington | 604687 Massachusetts Ave Construction | \$750,000 | | \$750,000 |

moved in from 2010

High-Priority Projects Total **\$14,779,035**

Total Highway Program

** Project that should be included in the Plan

Staff Recommendation Option One FFY 2013 Element of the FFYs 2010 - 2013 TIP

Regional Highway Program

FEDERAL-AID TARGET PROJECTS

Congestion Mitigation and Air Quality Improvement Program

| | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> |
|--|-------------------------|-------------------------------------|--------------------------|--------------------|
| Boston Region | Regionwide CMAQ Program | \$1,600,000 | \$400,000 | \$2,000,000 |
| Congestion Mitigation and Air Quality Improvement Program Total | | \$1,600,000 | \$400,000 | \$2,000,000 |
| | | <i>Minimum CMAQ Regional Target</i> | | \$8,593,420 |

National Highway System

| | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> |
|--------------------------------------|---|----------------------|--------------------|---------------------|
| Dedham, Needham & Westwood | 603206 Route 128 Improvement Program Contract 4, Year Five of Six** | \$9,600,000 | \$2,400,000 | \$12,000,000 |
| Needham & Wellesley | 603711 Route 128 Improvement Program Contract 5, Year Two of Six** | \$12,000,000 | \$3,000,000 | \$15,000,000 |
| National Highway System Total | | \$21,600,000 | \$5,400,000 | \$27,000,000 |

Surface Transportation Program

| | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> |
|---|------------------------------------|----------------------|--------------------|---------------------|
| Concord & Lincoln | 602984 Route 2 (Crosby's Corner)** | \$12,240,000 | \$3,060,000 | \$15,300,000 |
| Somerville | 601820 Beacon Street | \$1,055,752 | \$263,938 | \$1,319,690 |
| Weymouth | 601630 Route 18 ** | \$9,988,232 | \$2,497,058 | \$6,000,000 |
| Surface Transportation Program Total | | \$12,240,000 | \$3,060,000 | \$22,619,690 |

moved from 2011
from 2010 to 2012 and 2013

Highway Safety Improvement Program (HSIP) Project

| | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> |
|---|------------------------------------|-------------------------------------|--------------------|--------------------|
| Concord & Lincoln | 602984 Route 2 (Crosby's Corner)** | \$3,437,368 | \$859,342 | \$4,296,710 |
| Highway Safety Improvement Program Total | | \$3,437,368 | \$859,342 | \$4,296,710 |
| | | <i>Minimum HSIP Regional Target</i> | | \$4,296,710 |

Staff Recommendation Option One

FFY 2013 Element of the FFYs 2010 - 2013 TIP

| Surface Transportation Program/Enhancement | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | |
|--|--|----------------------|-----------------------------|--|---------------------|
| Cambridge | 605188 Cambridge Common (Construction) | \$800,000 | \$200,000 | \$1,000,000 | moved in from 2012 |
| Surface Transportation Program/Enhancement Total | | \$800,000 | \$200,000 | \$1,000,000 | |
| | | | | Total Regional Target Programming | \$56,916,400 |
| | | | | <i>*Boston Region MPO Regional Target with State Match</i> | <i>\$57,057,716</i> |
| *Boston Region MPO Target minus AC projects and ongoing programs is then actualized by 4% for 2011, 2012, and 2013 | | | | | |
| | | \$57,408,851 | ute target less AC/programs | | \$2,812,141 |
| less AC/programs multiplied by 1.04 for 2011, 2012 and 2013 | | \$3,163,276 | difference | | \$351,135 |
| state target less difference (new target) | | \$57,057,716 | | | |

FEDERAL AID NON-TARGET PROJECTS

| High-Priority Projects (TEA-21) | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> | |
|--|--|------------------------------|--------------------------|--------------------|-----------------|
| Somerville | 601820 Beacon Street Construction (HPP 248)* | \$2,064,248 | \$516,062 | \$2,580,310 | moved from 2011 |
| High-Priority Projects Total | | | | \$2,580,310 | |
| | | Total Highway Program | | | |

** Project that should be included in the Plan

Staff Recommendation Option Two 2010 Element of the FFYs 2010 - 2013 TIP

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Indicates a new addition to the TIP

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Regional Highway Program

FEDERAL-AID TARGET PROJECTS

Congestion Mitigation and Air Quality Improvement Program

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|--|-------------------------|--|-------------------------------------|--------------------------|---------------------|------------------------------|
| Bellingham | 602493 | Pulaski Blvd** | \$1,600,000 | \$400,000 | \$2,000,000 | |
| Boston | 604761 | South Bay Harbor Trail (construction) | \$3,080,000 | \$770,000 | \$3,850,000 | |
| Boston | 601274 | Tremont Street , Phase 1 | \$0 | \$0 | \$0 | \$1,456,000 moved to 2011 |
| Somerville | 604331 | Somerville Community Path, Phase 1 | \$0 | \$0 | \$0 | \$3,487,611 moved to 2011 |
| Weymouth | 114906 | Route 53 (Washington Street)/Middle Street | \$1,820,656 | \$455,164 | \$2,275,820 | \$1,750,000 |
| | | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> | |
| Boston Region | Regionwide CMAQ Program | | \$1,600,000 | \$400,000 | \$2,000,000 | \$1,550,000 |
| Congestion Mitigation and Air Quality Improvement Program Total | | | \$8,100,656 | \$2,025,164 | \$10,125,820 | |
| | | | <i>Minimum CMAQ Regional Target</i> | | <i>\$0</i> | |

National Highway System

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|--------------------------------------|--------|--|----------------------|--------------------|---------------------|---|
| Canton, Randolph & Westwood | 87800 | Route 128 Improvement Program Contract 3, Year Four of Six** | \$5,600,000 | \$1,400,000 | \$7,000,000 | \$4,630,368 |
| Dedham, Needham & Westwood | 603206 | Route 128 Improvement Program Contract 4, Year Two of Six** | \$8,000,000 | \$2,000,000 | \$10,000,000 | \$6,073,682 |
| Needham & Wellesley | 603711 | Route 128 Improvement Program Contract 5, Year One of Six** | \$0 | \$0 | \$0 | \$5,048,780 contract not ready until 2012 |
| National Highway System Total | | | \$13,600,000 | \$3,400,000 | \$17,000,000 | |

Staff Recommendation Option Two 2010 Element of the FFYs 2010 - 2013 TIP

Surface Transportation Program

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|---|--------|--|----------------------|--------------------|---------------------|------------------------------|
| Arlington | 604687 | Massachusetts Ave | \$0 | \$0 | \$0 | \$2,650,000 moved to 2011 |
| Bellingham | 602493 | Pulaski Blvd** | \$8,805,208 | \$2,201,302 | \$11,006,510 | \$7,500,000 |
| Boston | 601274 | Tremont Street , Phase 1 | \$0 | \$0 | \$0 | \$744,000 moved to 2011 |
| Danvers/Peabody | 87612 | Route 128 at Route 35 and Route 62** | \$7,360,000 | \$1,840,000 | \$9,200,000 | \$3,000,000 |
| Lexington | 602133 | Intersection Improvements at Route 2A and Waltham St | \$1,289,560 | \$322,390 | \$1,611,950 | moved in from 2011, was \$1M |
| Everett | 602382 | Route 99 (Broadway) | \$1,947,312 | \$486,828 | \$2,434,140 | \$2,161,720 |
| Norwood | 604916 | Pleasant St at Morse St | \$738,496 | \$184,624 | \$923,120 | \$600,000 |
| Weymouth | 601630 | Route 18** | \$0 | \$0 | \$0 | \$10,700,000 moved to 2011 |
| Surface Transportation Program Total | | | \$20,140,576 | \$5,035,144 | \$25,175,720 | |

Highway Safety Improvement Program (HSIP) Project

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> |
|---|-------|--------------------------------------|-------------------------------------|--------------------|--------------------|
| Danvers/Peabody | 87612 | Route 128 at Route 35 and Route 62** | \$3,437,368 | \$859,342 | \$4,296,710 |
| Highway Safety Improvement Program Total | | | \$3,437,368 | \$859,342 | \$4,296,710 |
| | | | <i>Minimum HSIP Regional Target</i> | <i>\$4,296,710</i> | |

Surface Transportation Program/Enhancement

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|---|--|---|----------------------|--------------------|--------------------|------------------------------|
| Ipswich | | North Green Improvements (Construction) | \$0 | \$0 | \$0 | \$1,076,235 moved to 2012 |
| Surface Transportation Program/Enhancement Total | | | \$0 | \$0 | \$0 | |

| | | |
|---|---------------------|--------------------------------|
| Total Regional Target Programming | \$56,598,250 | <i>programming less target</i> |
| Boston Region MPO Regional Target with State Match | \$56,607,514 | \$9,264 |

FEDERAL AID NON-TARGET PROJECTS

High-Priority Projects (TEA-21)

| | | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|--------|--|--|----------------------|--------------------------|--------------------|------------------------------|
| Boston | | Huntington Ave/Symphony Area Streetscape Constriction (HPP 447) | \$2,140,232 | \$535,058 | \$2,675,290 | |
| Boston | | Huntington Ave/Symphony Area Streetscape Construction (HPP 1811) | \$820,080 | \$205,020 | \$1,025,100 | |

Staff Recommendation Option Two 2010 Element of the FFYs 2010 - 2013 TIP

High-Priority Projects (SAFETEA-LU)

| | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|--|--|----------------------|--------------------------|---------------------|---|
| Boston | Warren St/Blue Hill Ave Construction (HPP 2129) | \$0 | \$0 | \$0 | \$2,692,496 moved to 2011 |
| Boston | Melnea Cass Blvd Construction (HPP 756) | \$0 | \$0 | \$0 | \$2,423,248 moved to 2012 |
| Boston | Melnea Cass Blvd Construction (HPP 4284) | \$0 | \$0 | \$0 | \$5,007,375 moved to 2013 |
| Hudson & Stow | 604531 Assabet River Rail Trail (Design) (HPP 1761)** | \$0 | \$0 | \$0 | \$326,250 programming dependent on Plan |
| Quincy | 604664 Quincy Center Concourse, Phase II** | \$6,008,850 | \$1,502,213 | \$7,511,063 | project moved in from 2009 |
| Somerville | 605219 Improvements to Broadway in East Somerville Construction (HPP 431)* | \$1,987,798 | \$496,950 | \$2,484,748 | |
| Somerville | Assembly Square Construction (HPP 4281) | \$0 | \$0 | \$0 | \$6,259,219 programmed in 2009 TIP |
| Somerville | 604331 Somerville Community Path, Phase 1 Construction (HPP 2782) | \$0 | \$0 | \$0 | \$1,012,389 moved to 2011 |
| Walpole | 605187 Washington St Construction (HPP 2431) | \$1,259,860 | \$314,965 | \$1,574,825 | now reflect total available earmark |
| High-Priority Projects Total | | | | \$15,271,026 | |
| Total Federal-Aid Highway Program | | | | | |

* Additional money to be provided from outside sources

** Project that should be included in the Plan

Staff Recommendation Option Two FFY 2011 Element of the FFYs 2010 - 2013 TIP

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

Indicates a new addition to the TIP

Indicates a new funding category

Regional Highway Program

FEDERAL-AID TARGET PROJECTS

Congestion Mitigation and Air Quality Improvement Program

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|--|-------------------------|------------------------------------|-------------------------------------|--------------------------|--------------------|------------------------------|
| Boston | 601274 | Tremont Street , Phase 1 | \$1,164,800 | \$291,200 | \$1,456,000 | moved from 2010 |
| Somerville | 604331 | Somerville Community Path, Phase 1 | \$2,790,089 | \$697,522 | \$3,487,611 | moved from 2010 |
| | | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> | |
| Boston Region | Regionwide CMAQ Program | | \$1,600,000 | \$400,000 | \$2,000,000 | \$1,550,000 |
| Congestion Mitigation and Air Quality Improvement Program Total | | | \$5,554,889 | \$1,388,722 | \$6,943,611 | |
| | | | <i>Minimum CMAQ Regional Target</i> | | \$0 | |

National Highway System

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|--------------------------------------|--------|---|----------------------|--------------------|---------------------|--|
| Canton, Randolph & Westwood | 087800 | Route 128 Improvement Program Contract 3, Year Five of Six** | \$4,800,000 | \$1,200,000 | \$6,000,000 | \$9,000,000 |
| Dedham, Needham & Westwood | 603206 | Route 128 Improvement Program Contract 4, Year Three of Six** | \$9,600,000 | \$2,400,000 | \$12,000,000 | \$8,000,000 |
| Needham & Wellesley | 603711 | Route 128 Improvement Program Contract 5, Year Two of Six** | \$0 | \$0 | \$0 | \$10,527,000 contract not ready until 2012 |
| National Highway System Total | | | \$14,400,000 | \$3,600,000 | \$18,000,000 | |

Surface Transportation Program

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|---|--------|--------------------------------------|----------------------|--------------------|---------------------|------------------------------|
| Arlington | 604687 | Massachusetts Ave | \$2,120,000 | \$530,000 | \$2,650,000 | moved from 2010 |
| Boston | 601274 | Tremont Street , Phase 1 | \$595,200 | \$148,800 | \$744,000 | moved from 2010 |
| Danvers/Peabody | 87612 | Route 128 at Route 35 and Route 62** | \$6,430,864 | \$1,607,716 | \$8,038,580 | |
| Somerville | 601820 | Beacon Street | \$1,055,752 | \$263,938 | \$1,319,690 | |
| Weymouth | 601630 | Route 18 ** | \$8,560,000 | \$2,140,000 | \$10,700,000 | from 2010 |
| Surface Transportation Program Total | | | \$6,430,864 | \$1,607,716 | \$23,452,270 | |

Staff Recommendation Option Two

FFY 2011 Element of the FFYs 2010 - 2013 TIP

Highway Safety Improvement Program (HSIP) Project

| | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> |
|--|-------------------------------------|--------------------|--------------------|
| Danvers/Peabody 87612 Route 128 at Route 35 and Route 62** | \$3,867,039 | \$429,671 | \$4,296,710 |
| Highway Safety Improvement Program Total | \$3,867,039 | \$429,671 | \$4,296,710 |
| | <i>Minimum HSIP Regional Target</i> | | <i>\$4,296,710</i> |

Total Regional Target Programming \$53,768,826

**Boston Region MPO Regional Target with State Match \$53,638,655*

*programming less target
-\$130,171*

**Boston Region MPO Target minus AC projects and ongoing programs is then actualized by 4% for 2011*

| | | | |
|---|--------------|-------------------------|--------------|
| state target | \$54,526,295 | target less AC/programs | \$22,191,005 |
| less AC/programs multiplied by 1.04 | \$23,078,645 | difference | \$887,640 |
| state target less difference (new target) | \$53,638,655 | | |

FEDERAL AID NON-TARGET PROJECTS

High-Priority Projects (TEA-21)

| | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> |
|---|----------------------|--------------------------|--------------------|
| Somerville 601820 Beacon Street Construction (HPP 248)* | \$2,064,248 | \$516,062 | \$2,580,310 |
| Weymouth 601630 Route 18 Construction** | \$10,065,631 | \$2,516,408 | \$12,582,039 |

moved in from 2010

High-Priority Projects (SAFETEA-LU)

| | | | |
|--|-------------|-------------|-------------|
| Arlington 604687 Massachusetts Ave Construction (HPP 47) | \$1,157,597 | \$289,399 | \$1,446,996 |
| Boston Warren St/Blue Hill Ave Construction (HPP 2129) | \$2,153,997 | \$538,499 | \$2,692,496 |
| Boston Melnea Cass Blvd Construction (HPP 756) | \$1,938,598 | \$484,650 | \$2,423,248 |
| Boston Melnea Cass Blvd Construction (HPP 4284) | \$4,005,900 | \$1,001,475 | \$5,007,375 |
| Somerville 604331 Somerville Community Path, Phase 1 Construction (HPP 2782) | \$809,911 | \$202,478 | \$1,012,389 |

moved in from 2010
moved in from 2010
moved in from 2010
moved in from 2010
moved in from 2010

High-Priority Project (SAFETEA-LU) Other Match

Section 129

| | <i>Federal Funds</i> | <i>Other Funds</i> | <i>Total Funds</i> |
|---|----------------------|--------------------|--------------------|
| Arlington 604687 Massachusetts Ave Construction | \$750,000 | | \$750,000 |

moved in from 2010

High-Priority Projects Total \$13,332,504
Total Highway Program

** Project that should be included in the Plan

Staff Recommendation Option Two FFY 2012 Element of the FFYs 2010 - 2013 TIP

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

Indicates a new addition to the TIP

Indicates a new funding category

Regional Highway Program

FEDERAL-AID TARGET PROJECTS

Congestion Mitigation and Air Quality Improvement Program

| | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> | |
|--|-------------------------|-------------------------------------|--------------------------|--------------------|-------------|
| Boston Region | Regionwide CMAQ Program | \$1,600,000 | \$400,000 | \$2,000,000 | \$1,550,000 |
| Congestion Mitigation and Air Quality Improvement Program Total | | \$1,600,000 | \$400,000 | \$2,000,000 | |
| | | <i>Minimum CMAQ Regional Target</i> | | \$0 | |

National Highway System

| | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | |
|--------------------------------------|---|----------------------|--------------------|---------------------|--------------|
| Canton, Randolph & Westwood | 087800 Route 128 Improvement Program Contract 3, Year Six of Six** | \$4,800,000 | \$1,200,000 | \$6,000,000 | \$5,150,243 |
| Dedham, Needham & Westwood | 603206 Route 128 Improvement Program Contract 4, Year Four of Six** | \$9,600,000 | \$2,400,000 | \$12,000,000 | \$13,926,318 |
| Needham & Wellesley | 603711 Route 128 Improvement Program Contract 5, Year One of Six** | \$9,600,000 | \$2,400,000 | \$12,000,000 | \$12,424,220 |
| National Highway System Total | | \$24,000,000 | \$6,000,000 | \$30,000,000 | |

Surface Transportation Program

| | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | |
|---|--------------------------------------|----------------------|--------------------|---------------------|-------------------------|
| Belmont | 604688 Trapelo Road and Belmont St** | \$6,562,632 | \$1,640,658 | \$8,203,290 | |
| Hudson | 604812 Washington St (Route 85)** | \$6,480,000 | \$1,620,000 | \$8,100,000 | |
| Somerville | Magon Square | | | \$0 | \$3,100,000 ARRA funded |
| Surface Transportation Program Total | | \$13,042,632 | \$3,260,658 | \$16,303,290 | |

Highway Safety Improvement Program (HSIP) Project

| | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | |
|---|--------------------------------------|-------------------------------------|--------------------|--------------------|--|
| Belmont | 604688 Trapelo Road and Belmont St** | \$3,867,039 | \$429,671 | \$4,296,710 | |
| Highway Safety Improvement Program Total | | \$3,867,039 | \$429,671 | \$4,296,710 | |
| | | <i>Minimum HSIP Regional Target</i> | | \$4,296,710 | |

Staff Recommendation Option Two FFY 2012 Element of the FFYs 2010 - 2013 TIP

| Surface Transportation Program/Enhancement | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | <i>previous amount/notes</i> |
|---|---|----------------------|--------------------|--------------------|------------------------------|
| Cambridge | 605188 Cambridge Common (Construction) | \$0 | \$0 | \$1,000,000 | \$1,000,000 moved to 2013 |
| Ipswich | North Green Improvements (Construction) | \$860,988 | \$215,247 | \$1,076,235 | moved from 2010 |
| Surface Transportation Program/Enhancement Total | | \$860,988 | \$215,247 | \$1,076,235 | |

Total Regional Target Programming **\$53,676,235** *programming less target*

Boston Region MPO Regional Target with State Match* **\$53,479,836 *-\$196,399*

*Boston Region MPO Target minus AC projects and ongoing programs is then actualized by 4% for 2011 and 2012

| | | | |
|---|--------------|-------------------------|--------------|
| | \$55,388,323 | target less AC/programs | \$23,388,323 |
| less AC/programs multiplied by 1.04 for 2011 and 2012 | \$25,296,810 | difference | \$1,908,487 |
| state target less difference (new target) | \$53,479,836 | | |

FEDERAL AID NON-TARGET PROJECTS

High-Priority Projects (SAFETEA-LU)

Federal Funds State/Local Funds Total Funds

High-Priority Projects Total
Total Highway Program

** Project that should be included in the Plan

Staff Recommendation Option Two FFY 2013 Element of the FFYs 2010 - 2013 TIP

Regional Highway Program

FEDERAL-AID TARGET PROJECTS

| Congestion Mitigation and Air Quality Improvement Program | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> |
|--|-------------------------|-------------------------------------|--------------------------|--------------------|
| Winchester, Woburn, Stoneham | Tri-Community Bikeway | \$4,060,468 | \$1,015,117 | \$5,075,585 |
| | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> |
| Boston Region | Regionwide CMAQ Program | \$1,600,000 | \$400,000 | \$2,000,000 |
| Congestion Mitigation and Air Quality Improvement Program Total | | \$1,600,000 | \$400,000 | \$7,075,585 |
| | | <i>Minimum CMAQ Regional Target</i> | | \$8,593,420 |

previously in 2008 TIP, design paid for with ENH

| National Highway System | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> |
|--------------------------------------|---|----------------------|--------------------|---------------------|
| Dedham, Needham & Westwood | 603206 Route 128 Improvement Program Contract 4, Year Five of Six** | \$9,600,000 | \$2,400,000 | \$12,000,000 |
| Needham & Wellesley | 603711 Route 128 Improvement Program Contract 5, Year Two of Six** | \$12,000,000 | \$3,000,000 | \$15,000,000 |
| National Highway System Total | | \$21,600,000 | \$5,400,000 | \$27,000,000 |

| Surface Transportation Program | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> |
|---|------------------------------------|----------------------|--------------------|---------------------|
| Chelsea | Beacham and Williams St | \$4,000,000 | \$1,000,000 | \$5,000,000 |
| Hanover | 602602 Route 53 Reconstruction** | \$680,000 | \$170,000 | \$850,000 |
| Marlborough | 604697 Reconstruction of Farm Road | \$2,173,848 | \$543,462 | \$2,717,310 |
| Natick | 605034 Route 27** | \$4,666,295 | \$1,166,574 | \$5,832,869 |
| Surface Transportation Program Total | | \$11,520,143 | \$2,880,036 | \$14,400,179 |

| Highway Safety Improvement Program (HSIP) Project | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> |
|--|-------------------|-------------------------------------|--------------------|--------------------|
| Natick | 605034 Route 27** | \$3,867,039 | \$429,671 | \$4,296,710 |
| Highway Safety Improvement Program Total | | \$3,867,039 | \$429,671 | \$4,296,710 |
| | | <i>Minimum HSIP Regional Target</i> | | \$4,296,710 |

Staff Recommendation Option Two FFY 2013 Element of the FFYs 2010 - 2013 TIP

Surface Transportation Program/Enhancement

| | | | <i>Federal Funds</i> | <i>State Funds</i> | <i>Total Funds</i> | |
|---|--------|---------------------------------|----------------------|--------------------|--------------------|-----------------|
| Cambridge | 605188 | Cambridge Common (Construction) | \$800,000 | \$200,000 | \$1,000,000 | moved from 2012 |
| Surface Transportation Program/Enhancement Total | | | \$800,000 | \$200,000 | \$1,000,000 | |

| | | |
|--|---------------------|----------|
| Total Regional Target Programming | \$53,772,474 | \$89,134 |
| <i>*Boston Region MPO Regional Target with State Match</i> | <i>\$53,861,608</i> | |

*Boston Region MPO Target minus AC projects and ongoing programs is then actualized by 4% for 2011, 2012, and 2013

| | | | |
|---|--------------|-------------------------|--------------|
| | \$57,408,851 | target less AC/programs | \$28,408,851 |
| less AC/programs multiplied by 1.04 for 2011, 2012 and 2013 | \$31,956,094 | difference | \$3,547,243 |
| state target less difference (new target) | \$53,861,608 | | |

FEDERAL AID NON-TARGET PROJECTS

High-Priority Projects (SAFETEA-LU)

| | | | <i>Federal Funds</i> | <i>State/Local Funds</i> | <i>Total Funds</i> |
|---------|--|---|----------------------|--------------------------|--------------------|
| Chelsea | | Beacham and Williams St Construction (HPP 3538) | \$1,799,800 | \$449,950 | \$2,249,750 |

High-Priority Projects Total
Total Highway Program

** Project that should be included in the Plan

**Index of Target Projects - Option One
FFYs 2010 - 2013 TIP Development**

| | | | | | Programmed | Project Cost | Amount in 2009 TIP | |
|---------------|-------------------------|--|---------|---------|--------------|--------------|-----------------------|---------------------------|
| Bellingham | 602493 | Pulaski Blvd | 2010 | CMAQ | \$2,000,000 | \$13,006,510 | \$13,006,510 | \$9,500,000 |
| | | | | NHS | | | | |
| | | | | STP | \$11,006,510 | | | |
| | | | | HSIP | | | | |
| | | | | Earmark | | | | |
| Boston | 604761 | South Bay Harbor Trail | 2010 | CMAQ | \$3,850,000 | \$3,850,000 | \$3,850,000 | \$3,850,000 |
| | | | | NHS | | | | |
| | | | | STP | | | | |
| | | | | HSIP | | | | |
| | | | | Earmark | | | | |
| Weymouth | 114906 | Route 53 (Washington Street)/Middle Street | 2010 | CMAQ | \$2,275,820 | \$2,275,820 | \$2,275,820 | \$1,750,000 |
| | | | | NHS | | | | |
| | | | | STP | | | | |
| | | | | HSIP | | | | |
| | | | | Earmark | | | | |
| Boston Region | Regionwide CMAQ Program | | 2009 | CMAQ | n/a | \$8,000,000 | n/a | \$1,550,000 (annually) |
| | | | | NHS | | | | |
| | | | STP | | | | | |
| | | | HSIP | | | | | |
| | | | Earmark | | | | | |
| | | | 2010 | CMAQ | \$2,000,000 | | | |
| | | | | NHS | | | | |
| | | | 2011 | CMAQ | \$2,000,000 | | | |
| | | | | NHS | | | | |
| | | | 2012 | CMAQ | \$2,000,000 | | | |
| | | | | NHS | | | | |
| | | | 2013 | CMAQ | \$2,000,000 | | | |
| | | | | NHS | | | | |
| | | | | STP | | | | |
| | | | | HSIP | | | | |
| | | | | Earmark | | | | |
| Lexington | 602133 | Route 2A at Waltham St. | 2010 | CMAQ | | \$1,611,950 | \$1,661,950 | \$1,000,000 |
| | | | | NHS | | | | |
| | | | | STP | \$1,611,950 | | | |
| | | | | HSIP | | | | |
| | | | | Earmark | | | | |
| Everett | 602382 | Route 99 (Broadway) | 2010 | CMAQ | | \$2,434,140 | \$2,434,140 | \$2,161,720 |
| | | | | NHS | | | | |
| | | | | STP | \$2,434,140 | | | |
| | | | | HSIP | | | | |
| | | | | Earmark | | | | |
| Norwood | 604916 | Pleasant St at Morse St | 2010 | CMAQ | | \$923,120 | \$923,120 | \$600,000 |
| | | | | NHS | | | | |
| | | | | STP | \$923,120 | | | |
| | | | | HSIP | | | | |
| | | | | Earmark | | | | |

| | | | | Programmed | Project Cost | TIP | |
|-----------------------------|--------|--|------|---------------------------------------|--------------|--------------|--|
| Canton, Randolph & Westwood | 087800 | Route 128 Improvement Program Contract 4 | 2009 | CMAQ NHS STP HSIP Earmark | \$11,959,389 | \$30,959,389 | Contract Value \$53,219,389 paid off in 2012 |
| | | | 2010 | CMAQ NHS STP HSIP Earmark | \$7,000,000 | | |
| | | | 2011 | CMAQ NHS STP HSIP Earmark | \$6,000,000 | | |
| | | | 2012 | CMAQ NHS STP HSIP Earmark | \$6,000,000 | | |
| | | | 2013 | CMAQ NHS STP HSIP Earmark | | | |
| Dedham, Needham & Westwood | 603206 | Route 128 Improvement Program Contract 5 | 2009 | CMAQ NHS STP HSIP Earmark | \$3,000,000 | \$49,000,000 | Full Contract Value \$61,000,000 from '09 - '14 |
| | | | 2010 | CMAQ NHS STP HSIP Earmark | \$10,000,000 | | |
| | | | 2011 | CMAQ NHS STP HSIP Earmark | \$12,000,000 | | |
| | | | 2012 | CMAQ NHS STP HSIP Earmark | \$12,000,000 | | |
| | | | 2013 | CMAQ NHS STP HSIP Earmark | \$12,000,000 | | |
| Needham & Wellesley | 603711 | Route 128 Improvement Program Contract 6 | 2009 | CMAQ NHS STP HSIP Earmark | | \$27,000,000 | Full Contract Value \$72,000,000 from '12 - beyond '14 |
| | | | 2010 | CMAQ NHS STP HSIP Earmark | | | |
| | | | 2011 | CMAQ NHS STP HSIP Earmark | | | |
| | | | 2012 | CMAQ NHS STP HSIP Earmark | \$12,000,000 | | |
| | | | 2013 | CMAQ NHS STP HSIP Earmark | \$15,000,000 | | |

| | | Programmed | Project Cost | Amount in 2009 | | | | |
|-------------------|--------|------------------------------------|---|--|------|--------------|--------------|--------------|
| | | | | TIP | | | | |
| Danvers/Peabody | 87612 | Route 128 at Routes 35 and 62 | CMAQ NHS STP HSIP Earmark | \$9,000,000 | 2009 | \$34,982,000 | \$34,982,000 | \$25,000,000 |
| | | | | | 2010 | | | |
| | | | | | 2011 | | | |
| Concord & Lincoln | 602984 | Route 2 (Crosby's Corner) | CMAQ NHS STP HSIP Earmark | \$10,000,000 \$3,177,736 \$4,296,710 | 2011 | \$51,867,866 | \$71,943,985 | \$69,848,530 |
| | | | | | 2012 | | | |
| | | | | | 2013 | | | |
| Ipswich | | North Green Improvement Project | CMAQ NHS STP HSIP Enhancement | \$91,800 | 2009 | \$91,800 | \$1,168,035 | \$904,600 |
| | | | | | 2011 | | | |
| Somerville | 604331 | Somerville Community Path, Phase 1 | CMAQ NHS STP HSIP Earmark | \$3,487,611 \$1,012,389 | 2011 | \$4,500,000 | \$4,500,000 | \$3,537,968 |
| Boston | 601274 | Tremont Street - Phase 1 | CMAQ NHS STP HSIP Earmark | \$1,456,000 \$744,000 | 2011 | \$2,200,000 | \$2,200,000 | \$2,200,000 |
| Arlington | 604687 | Massachusetts Ave | CMAQ NHS STP HSIP Earmark | \$2,650,000 \$1,446,996 \$750,000 | 2012 | \$4,846,996 | \$2,000,000 | \$4,846,996 |
| Weymouth | 601630 | Route 18 Roadway Improvements | CMAQ NHS STP HSIP Earmark | \$5,250,000 \$7,291,047 | 2012 | \$26,032,093 | \$26,100,000 | \$23,082,039 |
| | | | | | 2013 | | | |
| Cambridge | 605188 | Cambridge Common | CMAQ NHS STP HSIP Enhancement | \$180,000 | 2009 | \$180,000 | \$1,180,000 | \$1,180,000 |
| | | | | | 2012 | | | |
| Somerville | 601820 | Beacon Street | CMAQ NHS STP HSIP Earmark | \$1,319,690 \$2,580,310 | 2013 | \$3,900,000 | \$3,900,000 | \$3,900,000 |

**Index of Target Projects - Option Two
FFYs 2010 - 2013 TIP Development**

| | | | | | Programmed | Project Cost | Amount in 2009 TIP | |
|-----------------------------|-------------------------|--|------|-------------------------------|--------------|--------------|--|---------------------------|
| Bellingham | 602493 | Pulaski Blvd | 2010 | CMAQ | \$2,000,000 | \$13,006,510 | \$13,006,510 | \$9,500,000 |
| | | | | NHS STP HSIP Earmark | \$11,006,510 | | | |
| Boston | 604761 | South Bay Harbor Trail | 2010 | CMAQ | \$3,850,000 | \$3,850,000 | \$3,850,000 | \$3,850,000 |
| | | | | NHS STP HSIP Earmark | | | | |
| Weymouth | 114906 | Route 53 (Washington Street)/Middle Street | 2010 | CMAQ | \$2,275,820 | \$2,275,820 | \$2,275,820 | \$1,750,000 |
| | | | | NHS STP HSIP Earmark | | | | |
| Boston Region | Regionwide CMAQ Program | | 2009 | CMAQ | n/a | \$8,000,000 | n/a | \$1,550,000 (annually) |
| | | | 2010 | CMAQ | \$2,000,000 | | | |
| | | | 2011 | CMAQ | \$2,000,000 | | | |
| | | | 2012 | CMAQ | \$2,000,000 | | | |
| | | | 2013 | CMAQ | \$2,000,000 | | | |
| Lexington | 602133 | Route 2A at Waltham St. | 2010 | CMAQ | | \$1,611,950 | \$1,661,950 | \$1,000,000 |
| | | | | NHS STP HSIP Earmark | \$1,611,950 | | | |
| Everett | 602382 | Route 99 (Broadway) | 2010 | CMAQ | | \$2,434,140 | \$2,434,140 | \$2,161,720 |
| | | | | NHS STP HSIP Earmark | \$2,434,140 | | | |
| Norwood | 604916 | Pleasant St at Morse St | 2010 | CMAQ | | \$923,120 | \$923,120 | \$600,000 |
| | | | | NHS STP HSIP Earmark | \$923,120 | | | |
| Canton, Randolph & Westwood | 087800 | Route 128 Improvement Program Contract 4 | 2009 | CMAQ | \$11,959,389 | \$30,959,389 | Contract Value \$53,219,389 paid off in 2012 | |
| | | | 2010 | CMAQ | \$7,000,000 | | | |
| | | | 2011 | CMAQ | \$6,000,000 | | | |
| | | | 2012 | CMAQ | \$6,000,000 | | | |
| | | | 2013 | CMAQ | | | | |

| | | | Programmed | Project Cost | Amount in 2009 TIP | | |
|----------------------------|--------|--|------------|---|-----------------------|--|--------------|
| Dedham, Needham & Westwood | 603206 | Route 128 Improvement Program Contract 5 | 2009 | CMAQ NHS STP HSIP Earmark \$3,000,000 | \$49,000,000 | Full Contract Value \$61,000,000 from '09 - '14 | |
| | | | 2010 | CMAQ NHS STP HSIP Earmark \$10,000,000 | | | |
| | | | 2011 | CMAQ NHS STP HSIP Earmark \$12,000,000 | | | |
| | | | 2012 | CMAQ NHS STP HSIP Earmark \$12,000,000 | | | |
| | | | 2013 | CMAQ NHS STP HSIP Earmark \$12,000,000 | | | |
| Needham & Wellesley | 603711 | Route 128 Improvement Program Contract 6 | 2009 | CMAQ NHS STP HSIP Earmark | \$27,000,000 | Full Contract Value \$72,000,000 from '12 - beyond '14 | |
| | | | 2010 | CMAQ NHS STP HSIP Earmark | | | |
| | | | 2011 | CMAQ NHS STP HSIP Earmark | | | |
| | | | 2012 | CMAQ NHS STP HSIP Earmark \$12,000,000 | | | |
| | | | 2013 | CMAQ NHS STP HSIP Earmark \$15,000,000 | | | |
| Danvers/Peabody | 87612 | Route 128 at Routes 35 and 62 | 2009 | CMAQ NHS STP HSIP Earmark \$9,000,000 | \$34,832,000 | \$34,982,000 | \$25,000,000 |
| | | | 2010 | CMAQ NHS STP HSIP Earmark \$9,200,000 \$4,296,710 | | | |
| | | | 2011 | CMAQ NHS STP HSIP Earmark \$8,038,580 \$4,296,710 | | | |
| Arlington | 604687 | Massachusetts Ave | 2011 | CMAQ NHS STP HSIP Earmark Earmark \$2,650,000 \$1,446,996 \$750,000 | \$4,846,996 | \$2,000,000 | \$4,846,996 |
| Boston | 601274 | Tremont Street - Phase 1 | 2011 | CMAQ NHS STP HSIP Earmark \$1,456,000 \$744,000 | \$2,200,000 | \$2,200,000 | \$2,200,000 |
| Somerville | 601820 | Beacon Street | 2011 | CMAQ NHS STP HSIP Earmark \$1,319,690 \$2,580,310 | \$3,900,000 | \$3,900,000 | \$3,900,000 |
| Weymouth | 601630 | Route 18 Roadway Improvements | 2011 | CMAQ NHS STP HSIP Earmark \$10,700,000 \$12,582,039 | \$23,282,039 | \$26,100,000 | \$23,082,039 |

| | | | | Programmed | | Project Cost | | Amount in 2009 |
|--------------------|--------|------------------------------------|--|------------|---|--------------|------------------------|--|
| | | | | | | | | TIP |
| Somerville | 604331 | Somerville Community Path, Phase 1 | | 2011 | CMAQ NHS STP HSIP Earmark \$3,487,611 \$1,012,389 | \$4,500,000 | \$4,500,000 | \$3,537,968 |
| Belmont | 604688 | Trapelo Road and Belmont St | | 2012 | CMAQ NHS STP HSIP Earmark \$8,203,290 \$4,296,710 | \$12,500,000 | ? Aprox \$12- \$13M | |
| Hudson | 604812 | Washington St (Route 85) | | 2012 | CMAQ NHS STP HSIP Earmark \$8,100,000 | \$8,100,000 | \$8,100,000 | |
| Ipswich | | North Green Improvement Project | | 2009 | CMAQ NHS STP HSIP Enhancement \$91,800 | \$91,800 | \$1,168,035 | \$904,600 |
| | | | | 2012 | CMAQ NHS STP HSIP Enhancement \$1,076,235 | \$1,076,235 | | |
| Cambridge | 605188 | Cambridge Common | | 2009 | CMAQ NHS STP HSIP Enhancement \$180,000 | \$180,000 | \$1,180,000 | \$1,180,000 |
| | | | | 2013 | CMAQ NHS STP HSIP Enhancement \$1,000,000 | \$1,000,000 | | |
| Winchester, et al. | 604652 | Tri-Community Bikeway | | 2013 | CMAQ NHS STP HSIP Earmark \$5,075,585 | \$5,075,585 | \$5,075,585 | design paid for with ENH in 2008 |
| Chelsea | | Williams and Beacham Sts | | 2013 | CMAQ NHS STP HSIP Earmark \$5,000,000 \$2,249,750 | \$7,249,750 | ? | new |
| Hanover | 602602 | Route 53 Reconstruction | | 2013 | CMAQ NHS STP HSIP Earmark \$850,000 | \$850,000 | \$850,000 | new |
| Marlborough | 604697 | Reconstruction of Farm Road | | 2013 | CMAQ NHS STP HSIP Earmark \$2,717,310 | \$2,717,310 | \$2,717,310 | new |
| Natick | 605034 | Route 27 | | 2013 | CMAQ NHS STP HSIP Earmark \$5,832,869 \$4,296,710 | \$10,129,579 | \$10,129,579 | new |

Projects Included in Options One and Two

| Project ID | Municipality | Project | Description | Design Status | Lastest Submission to MassHighway | Cost | Crash Rate | Bicycle Accommodations | Pedestrian Accommodations | Involved in CTPS Study | In the RTP | EJ Area | Land Use | Economic Development |
|------------|-------------------|--------------------------|--|----------------|-----------------------------------|-------------------------------|------------------------------|------------------------|---------------------------|------------------------|------------|---------|----------|----------------------|
| 87612 | Danvers & Peabody | Route 128 | Safety improvement project that will reconstruct and widen Route 128 to include an outside and inside shoulder. A precast concrete median barrier will be installed. | 100% received | 9/17/2007 | \$34,982,000 | | | | x | | | 2 | 0 |
| 602493 | Bellingham | Pulaski Blvd. | Improvements include widening the roadway, rehabilitating the pavement, improving the signals, and providing pedestrian safety. | 100% submitted | 12/4/2008 | \$2,000,000 (\$13,006,510) | 279 | x | X | | | | 1 | 2 |
| 602133 | Lexington | Route 2 & Waltham St. | Intersection improvement project that will modify state highway traffic signal locations and upgrade the statewide highway lighting system. | 75% submitted | 12/5/2008 | \$1,611,950 | 100 | x | X | | | | 0 | 1 |
| 601820 | Somerville | Beacon St. | Reconstructing to include new sidewalks, curbing, drainage, and signal improvements. | 75% submitted | 3/25/2004 | \$1,319,690 | 60 | X | X | | | x | 4 | 2 |
| 604916 | Norwood | Pleasant St. & Morse St. | Reconstruction of intersection that includes installation of traffic signals, curbing, signage, and upgraded drainage. | 75% submitted | 9/5/2008 | \$923,120 | 19 | x | X | | | | 2 | 1 |
| 114906 | Weymouth | Route 53 | Roadway project includes traffic signals improvements, road widening, and new sidewalks, signs and pavement markings. | 75% submitted | 1/7/2002 | \$2,275,820 | | | | x | | | 2 | 1 |
| 602382 | Everett | Route 99 (Broadway) | Reconstruction to upgrade signal system to include left-turn phasing to improve safety and traffic flow. Also includes sidewalk reconstruction to improve pedestrian safety. | 25% received | 12/4/2008 | \$2,434,140 | 131 | | x | | | x | 2 | 2 |
| 604331 | Somerville | Community Bike Path | Construction of a 2-mile multi-use path that will connect the Minuteman Commuter Bikeway to the Paul Dudley White Paths along the Charles River. | 25% received | 12/15/2006 | \$4,500,000 | 1 | X | X | | | x | 4 | 2 |
| 604761 | Boston | South Bay Harbor Trail | Construction of a multi-use trail and a pedestrian trail originating at Ruggles Station and extending to the Fan Pier. Connects with the existing at Ruggles Southwest Corridor Trail. | 25% submitted | 3/12/2009 | \$3,850,000 | 186 | X | X | | | | 4 | 3 |
| 604687 | Arlington | Mass Ave. | Design of Massachusetts Ave. reconstruction that will include new bicycle and pedestrian accommodations to improve safety. | PRC approved | 12/1/2005 | \$2,650,000 | 104 (#101 out of top 200) | X | X | | | | 4 | 2 |
| 605188 | Cambridge | Cambridge Common | Reconstruction of the bicycle and pedestrian paths in Cambridge Common. | PRC approved | 6/12/2008 | \$1,000,000 | 65 | X | X | | | x | 5 | 1 |
| 601630 | Weymouth | Route 18 | Reconstruction & widening project that includes Bridge W-32-13 Route 18 over the Old Colony Railroad (MBTA). | PRC approved | 12/11/1995 | \$26,100,000 | | | | | x | | 5 | 2 |

Projects Included in Option Two

| Project ID | Municipality | Project | Description | Design Status | Lastest Submission to MassHighway | Cost | Crash Rate | Bicycle Accommodations | Pedestrian Accommodations | Involved in CTPS Study | In the RTP | EJ Area | Land Use | Economic Development |
|------------|------------------------------|----------------------------|---|---------------|-----------------------------------|--------------|------------|------------------------|---------------------------|------------------------|------------|---------|----------|----------------------|
| 604652 | Winchester, Woburn, Stoneham | Tri-Community Bikeway | Bikeway construction project to link Wedgemere Station (Winchester) with Horn Pond (Woburn) and Recreation Park (Stoneham) and provide non-motorized transportation access. | 25% approved | 10/15/2008 | \$5,075,585 | 28 | X | X | | | | 5 | 3 |
| 604688 | Belmont | Trapelo Rd. | Reconstruction project to provide signal, sidewalk, bicycle, and streetscape improvements. Includes construction of new culvert at Beaver Brook to alleviate flooding. | 25% received | 10/22/2007 | \$12,500,000 | 337 | X | X | x | | | 5 | 3 |
| 602602 | Hanover | Route 53 | Intersection improvement that includes installation a new traffic signal, resurfacing, signage, and widening. | 25% submitted | 7/10/2006 | \$850,000 | 8 | x | | x | | | 1 | 1 |
| 604812 | Hudson | Route 85 | Reconstruction project that includes adding left-turn lanes, signalizing intersections, and sidewalks to improve safety, traffic flow, and bicycle and pedestrian accommodations. | 25% submitted | 7/31/2008 | \$8,100,000 | 353 | x | X | | x | | 2 | 3 |
| 605034 | Natick | Route 27 | Reconstruction project that includes minor roadway widening, pavement reconstruction, improved sidewalks, and upgraded signals. | 25% submitted | 6/26/2009 | \$10,129,579 | | | X | | | | | |
| 604697 | Marlborough | Farm Road | Last phase of a three phase reconstruction project that will improve safety through roadway improvements, signalization, and sidewalk accommodations. | 25% submitted | 2/8/2008 | \$2,717,310 | 61 | | x | | | | 1 | 0 |
| DM0342 | Chelsea | Beacham St. & Williams St. | Reconstruction of the corridor to include drainage, lighting, sidewalks, curbing, crosswalks, street trees, signage, and a signal at the Beacham St. and Market St. intersection. | Conceptual | | \$4,500,000 | 72 | x | X | x | | x | 5 | 1 |

Project Included in Option Two But Removed From Option One

| | | | | | | | | | | | | | | |
|--------|--------|-------------|--|---------------|-----------|-------------|----|----------|----------|--|--|--|---|---|
| 601274 | Boston | Tremont St. | Reconstruction of Tremont St. from Court St. to Boylston St. to improve safety through new sidewalks and wheelchair ramps, and the upgrading of traffic control signals. | 25% submitted | 11/9/2006 | \$2,200,000 | 56 | X | X | | | | 5 | 2 |
|--------|--------|-------------|--|---------------|-----------|-------------|----|----------|----------|--|--|--|---|---|

Project Included in Option One But Removed From Option Two

| | | | | | | | | | | | | | | |
|--------|---------------------|-----------------|---|---------------|-----------|--------------|-----|----------|----------|---|---|--|---|---|
| 602984 | Concord and Lincoln | Crosby's Corner | Provides safety improvements at Crosby's Corner (intersection of Route 2, Cambridge Turnpike and Route 2A/ the Concord Turnpike). Construction of neighborhood service roads which will be parallel to Route 2 and the constructing a bridge to carry Route 2 over the other routes (grade seperation). Starts at the Bedford Road intersection in Lincoln and extends to 300 feet west of Sandy Pond Road in of Concord. | 75% submitted | 11/7/2008 | \$71,943,985 | 143 | X | X | x | x | | 2 | 2 |
|--------|---------------------|-----------------|---|---------------|-----------|--------------|-----|----------|----------|---|---|--|---|---|