



BOSTON REGION METROPOLITAN PLANNING ORGANIZATION

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The Boston Region MPO,
the federally designated
entity responsible for
transportation decision-
making for the 101 cities
and towns in the MPO
region, is composed of:

MassDOT Office of Planning and
Programming
City of Boston
City of Newton
City of Somerville
Town of Bedford
Town of Braintree
Town of Framingham
Town of Hopkinton
Metropolitan Area Planning Council
Massachusetts Bay Transportation
Authority Advisory Board
Massachusetts Bay Transportation
Authority
MassDOT Highway Division
Massachusetts Port Authority
Regional Transportation Advisory
Council (nonvoting)
Federal Highway Administration
(nonvoting)
Federal Transit Administration
(nonvoting)

MEMORANDUM

DATE October 7, 2010
TO Transportation Planning and Programming Committee
FROM MPO Staff
RE Transportation Improvement Program Funding:
Federal Fiscal Years 2008-2014

The accompanying exhibits (tables and charts) provide an overview of the Boston Region Metropolitan Planning Organization's Transportation Improvement Program (TIP) funding over the past three years and into the next four years. They show how TIP funding has been programmed in the recent past, federal fiscal years (FFYs) 2008-2010, and how the MPO plans to program funding in the near future, FFYs 2011-2014. The data also show trends in TIP funding across the entire period of FFYs 2008-2014.

Two analyses were conducted: one of Target project funding and one of total TIP project funding. (Target project funding is that portion of a FFY's federal funding for which the MPO has total programming authority.)

The first series of exhibits presents the results of the Target project funding analysis, the second series the results of the total TIP project funding analysis. Each of the two series is organized in the same way:

Target Project Funding Exhibits

Funding by Project Type – pp. 4-6
Funding by Project Purpose – pp. 7-9
Funding by Funding Category – pp. 10-12

Total TIP Project Funding Exhibits

Funding by Project Type – pp. 13-15
Funding by Project Purpose – pp. 16-18
Funding by Funding Category – pp. 19-21

As shown in the outline above, in each analysis TIP funding was examined by project type, project purpose, and funding category. In each of these three examinations, the analysis was done for three time frames: FFYs 2008-2010, FFYs 2011-2014, and across all FFYs 2008-2014 elements. The funding for the Central Artery/Tunnel project is not included in any of these analyses.

The project type analysis divides funded projects into the eight project types listed below. Note: Not all of these types are represented in every exhibit.

- **Major Highway** – Limited-access-roadway projects, *such as the Route 128 Improvement Program in Canton, Randolph and Westwood and in Dedham, Needham and Westwood, and the Route 2 (Crosby's Corner) project in Concord and Lincoln*
- **Arterial and Intersection** – Arterial roadway and intersection projects, *such as Route 85 in Hudson and Magoun Square in Somerville*
- **Bicycle and Pedestrian** – Projects dedicated solely to bicycle and pedestrian facilities such as walkways, paths, and trails, *such as the Somerville Community Path, Phase 1, and the North Bank Pedestrian Bridge in Cambridge and Charlestown*
(This category does not include arterial and intersection, clean air and mobility, or bridge projects that provide bicycle and pedestrian accommodations or improvements as part of the larger project.)
- **Clean Air and Mobility** – CMAQ-eligible projects that improve air quality or mobility, *such as the Cambridge Clean Cabs Program and the MetroWest RTA Route 1 Shuttle Service*
(This title refers also to projects in the program known as the Suburban Mobility/Transportation Demand Management Program in the FFY 2008 and 2009 TIP elements.)
- **Freight** – Freight-focused projects, *such as the East Boston Haul Road project in Boston*
- **Bridge** – Bridge projects, *such as the Longfellow Bridge in Boston and the Fore River Bridge in Quincy and Weymouth*
- **Transit** – MBTA, MWRTA, and CATA transit projects, *such as the MBTA's Station Accessibility Program and the Beverly/Salem Intermodal Center*
- **Other** – Enhancement and other various projects, *such as the North Green Improvements in Ipswich and the Cambridge Common project*

The project purpose analysis divides funded projects into nine categories of project purpose:

- **Roadway Maintenance/Modernization** – Maintenance and/or modernization of major highways, arterials and intersections, freight facilities, bridges, and other facilities, *such as Magoun Square in Somerville and Route 53 over Route 3 in Weymouth*
- **Roadway Expansion** – Expansion of lanes on—or construction of major new—highways, arterials and intersections, freight facilities, and bridges, and other projects, *such as the Route 128 Improvement Program in Canton, Randolph and Westwood and in Dedham, Needham and Westwood, and the East-West Parkway in Weymouth and Rockland*
- **Multimodal Facilities** – Construction of new multimodal centers, shared-use paths, transit parking garages, and other multimodal facilities, *such as the Somerville Community Path, Phase 1, Wonderland Station Garage in Revere, and Weymouth Multimodal Center*
- **Clean Air and Mobility** – CMAQ-eligible projects that improve air quality or mobility, *such as the Cambridge Clean Cabs Program and MetroWest RTA Route 1 Shuttle Service*
- **Study/Design** – Study and/or design of surface transportation projects, *such as the East Boston Haul Road project in Boston*
- **Operations** – Traffic operation improvement programs and projects, *such as the Boston Traffic Management Center and the Regional ITS Program*

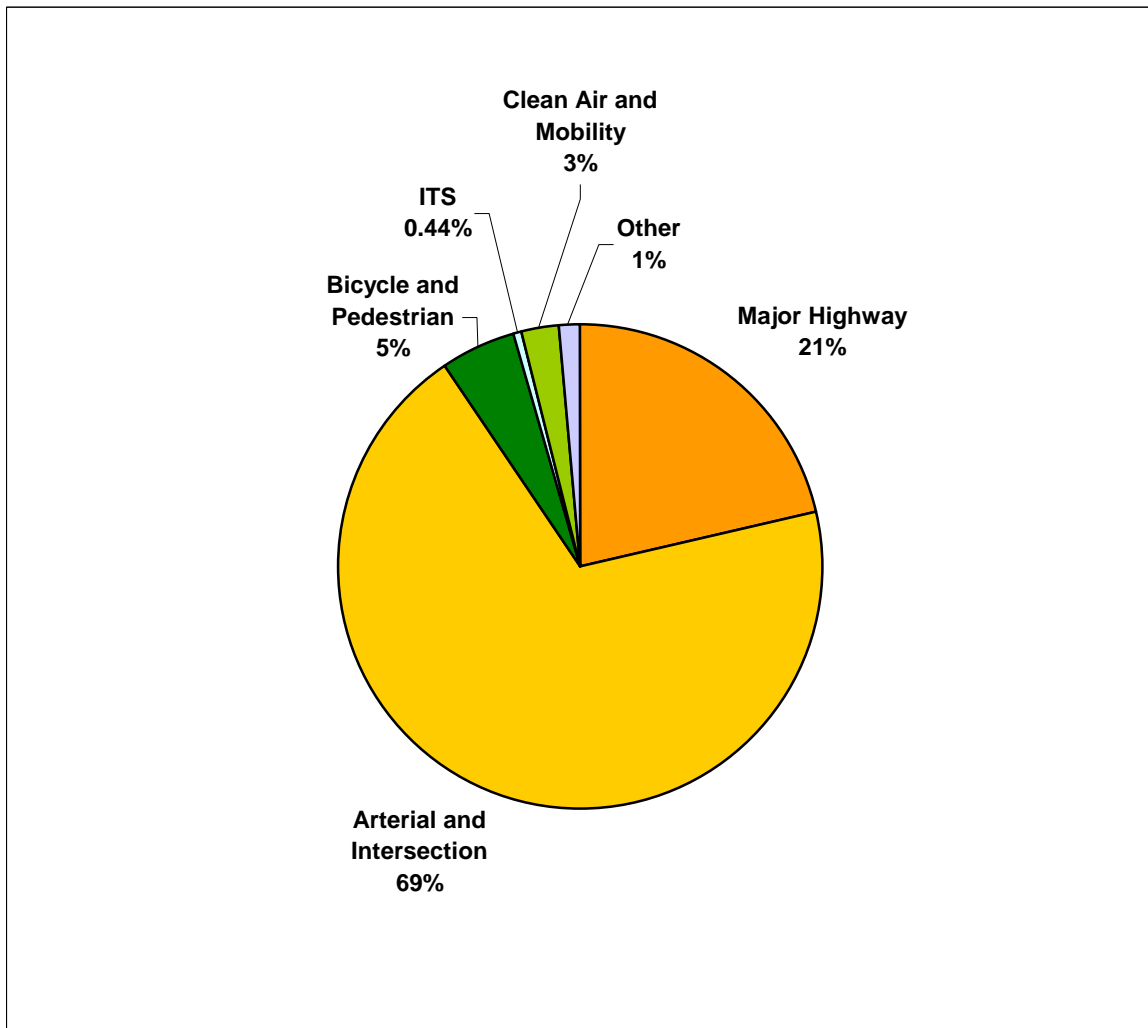
- **Transit Maintenance/Modernization** – Transit state-of-good-repair projects, *such as the MBTA’s Locomotive and Coach Procurements Program and Columbia Junction project*
- **Transit Expansion** – Expansion and/or extension of existing transit railways, *such as the Fitchburg Line Improvements*
- **Other** – Programs and projects with a broad range of purposes, *such as Hybrid Locomotive Switches and the JARC and New Freedom grant programs*

The funding category analysis looks at projects sorted into ten funding categories; some of these are singular funding streams, and some categories combine several funding streams:

- **CMAQ** – A wide range of projects eligible for Congestion Mitigation Air Quality funds that reduce transportation-related emissions, *such as the Upper Charles Trail, Phase 2, in Milford and Clean Air and Mobility programs and projects*
- **NHS/HSIP/IM/NHSPP** – Projects that consist of improvements to interstate routes, major urban and rural arterials, connectors to major intermodal facilities, and the national defense network funded with National Highway System, Highway Safety Improvement Program, Interstate Maintenance, or National Highway System Pavement Preservation programs, *such as the Route 2 (Crosby’s Corner) project in Concord and Lincoln, and Route 128 Improvement Program in Canton, Randolph and Westwood and in Dedham, Needham and Westwood*
- **STP** – Broad range of surface transportation capital needs, including many roads; transit, sea, and airport access; and vanpool, bicycle, and pedestrian facilities funded through the Surface Transportation Program, *such as Route 85 in Hudson and Intersection Improvements at Route 2A and Waltham St. in Arlington*
- **Enhancement** – Funds identified for specific projects in annual appropriations, *such as the North Green Improvements in Ipswich and the Cambridge Common project*
- **Earmark** – Funds identified for a specific project in federal legislation, *such as Huntington Ave./Symphony Area Streetscape Construction in Boston and the Chelsea Street Bridge in Boston*
- **Bridge** – Replacement and rehabilitation of any public bridge, *such as the Longfellow Bridge in Boston and the Fore River Bridge in Quincy and Weymouth*
- **Section 5307 and 5309** – Capital and preventative maintenance projects, new starts or extensions to existing fixed-guideway systems, fixed-guideway modernization, and bus and related facilities funded through various federal transit formula funds, *such as the MBTA’s Locomotive and Coach Procurements Program and Columbia Junction project*
- **Highway ARRA** – Highway projects funded through the American Recovery and Reinvestment Act, *such as the Pulaski Boulevard project in Bellingham and the Nonantum Road Improvements in Boston, Newton, and Watertown*
- **Transit ARRA** – Transit projects funded through the American Recovery and Reinvestment Act, *such as the Back Bay Station Re-roofing Project in Boston*
- **Other** – Projects funded through various special grant programs, *such as the Wonderland Station Transit Oriented Development project in Revere (Transportation Investment Generating Economic Recovery grant)*

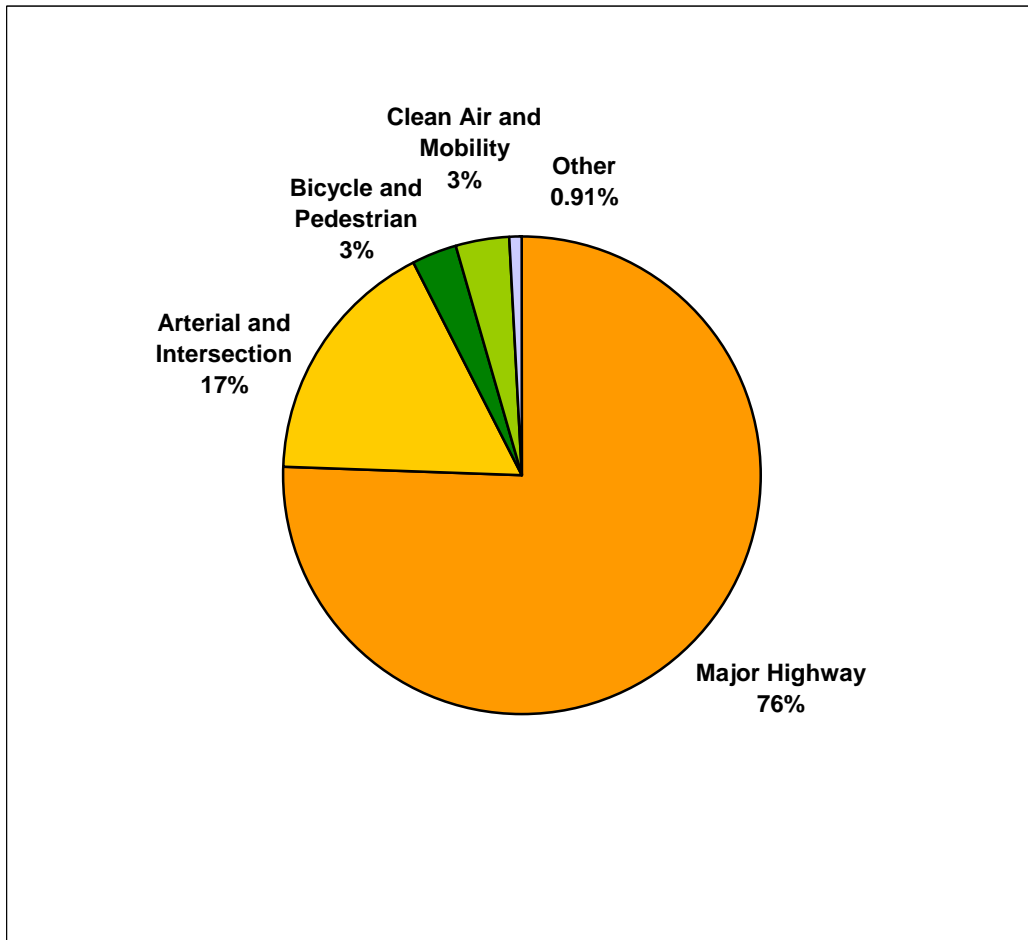
TARGET PROJECTS BY PROJECT TYPE FFYs 2008-10 TIP Funding

Project Type	2008	2009	2010	Total	%
Major Highway	\$7,630,000	\$14,959,389	\$17,000,000	\$39,589,389	21.33%
Arterial and Intersection	\$53,417,219	\$38,862,412	\$36,160,630	\$128,440,261	69.20%
Bicycle and Pedestrian	\$0	\$9,300,000	\$0	\$9,300,000	5.01%
ITS	\$405,000	\$405,000	\$0	\$810,000	0.44%
Clean Air and Mobility	\$1,657,255	\$1,426,503	\$2,000,000	\$5,083,758	2.74%
Other	\$1,920,000	\$271,800	\$180,000	\$2,371,800	1.28%
Total	\$65,029,474	\$65,225,104	\$55,340,630	\$185,595,208	100.00%



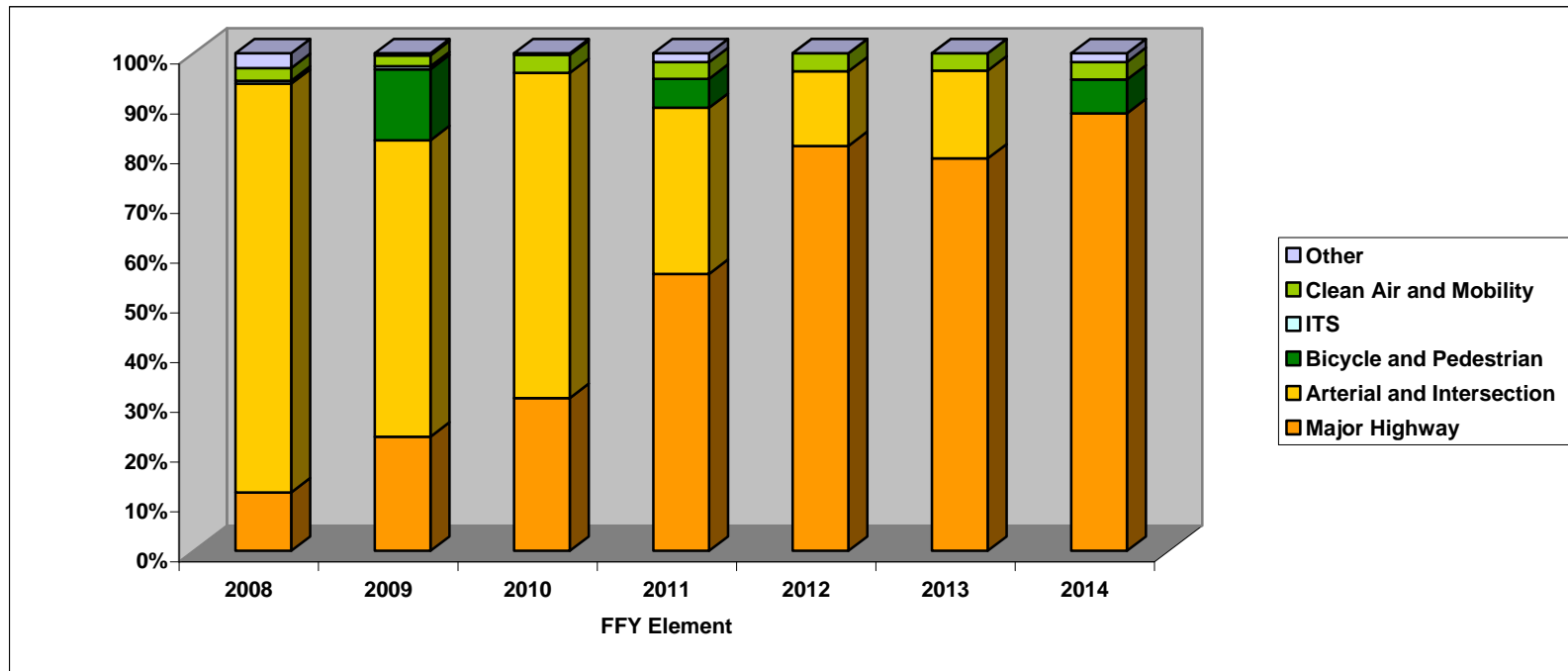
**TARGET PROJECTS BY PROJECT TYPE
FFYs 2011-14 TIP Funding**

Project Type	2011	2012	2013	2014	Total	%
Major Highway	\$33,336,197	\$44,796,710	\$45,296,710	\$49,914,368	\$173,343,985	75.65%
Arterial and Intersection	\$19,997,140	\$8,248,404	\$10,139,690	\$0	\$38,385,234	16.75%
Bicycle and Pedestrian	\$3,487,611	\$0	\$0	\$3,850,000	\$7,337,611	3.20%
Clean Air and Mobility	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$8,000,000	3.49%
Other	\$1,076,235	\$0	\$0	\$1,000,000	\$2,076,235	0.91%
Total	\$59,897,183	\$55,045,114	\$57,436,400	\$56,764,368	\$229,143,065	100.00%



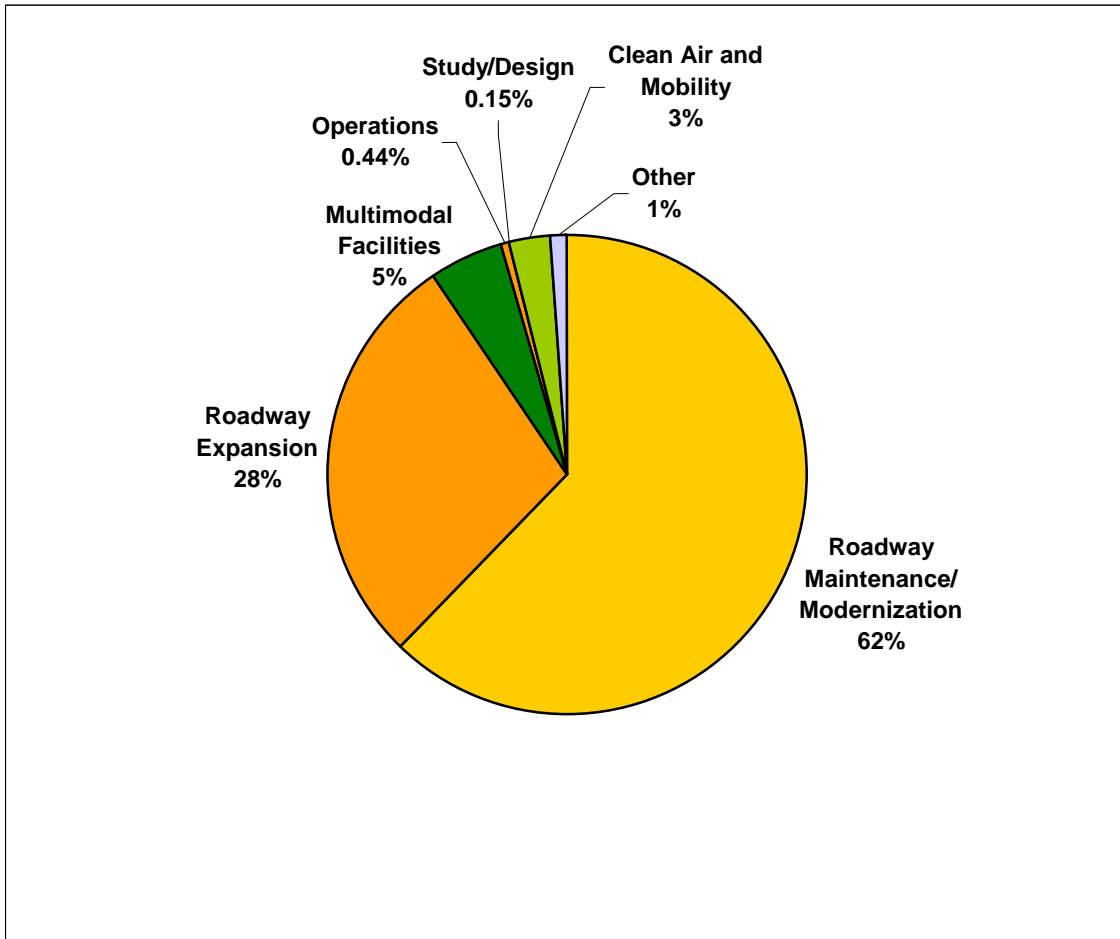
TARGET PROJECTS BY PROJECT TYPE FFYs 2008-14 TIP Funding

Project Type	2008	2009	2010	2011	2012	2013	2014	Total	%
Major Highway	\$7,630,000	\$14,959,389	\$17,000,000	\$33,336,197	\$44,796,710	\$45,296,710	\$49,914,368	\$212,933,374	51.34%
Arterial and Intersection	\$53,417,219	\$38,862,412	\$36,160,630	\$19,997,140	\$8,248,404	\$10,139,690	\$0	\$166,825,495	40.22%
Bicycle and Pedestrian	\$0	\$9,300,000	\$0	\$3,487,611	\$0	\$0	\$3,850,000	\$16,637,611	4.01%
ITS	\$405,000	\$405,000	\$0	\$0	\$0	\$0	\$0	\$810,000	0.20%
Clean Air and Mobility	\$1,657,255	\$1,426,503	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$13,083,758	3.15%
Other	\$1,920,000	\$271,800	\$180,000	\$1,076,235	\$0	\$0	\$1,000,000	\$4,448,035	1.07%
Total	\$65,029,474	\$65,225,104	\$55,340,630	\$59,897,183	\$55,045,114	\$57,436,400	\$56,764,368	\$414,738,273	100.00%



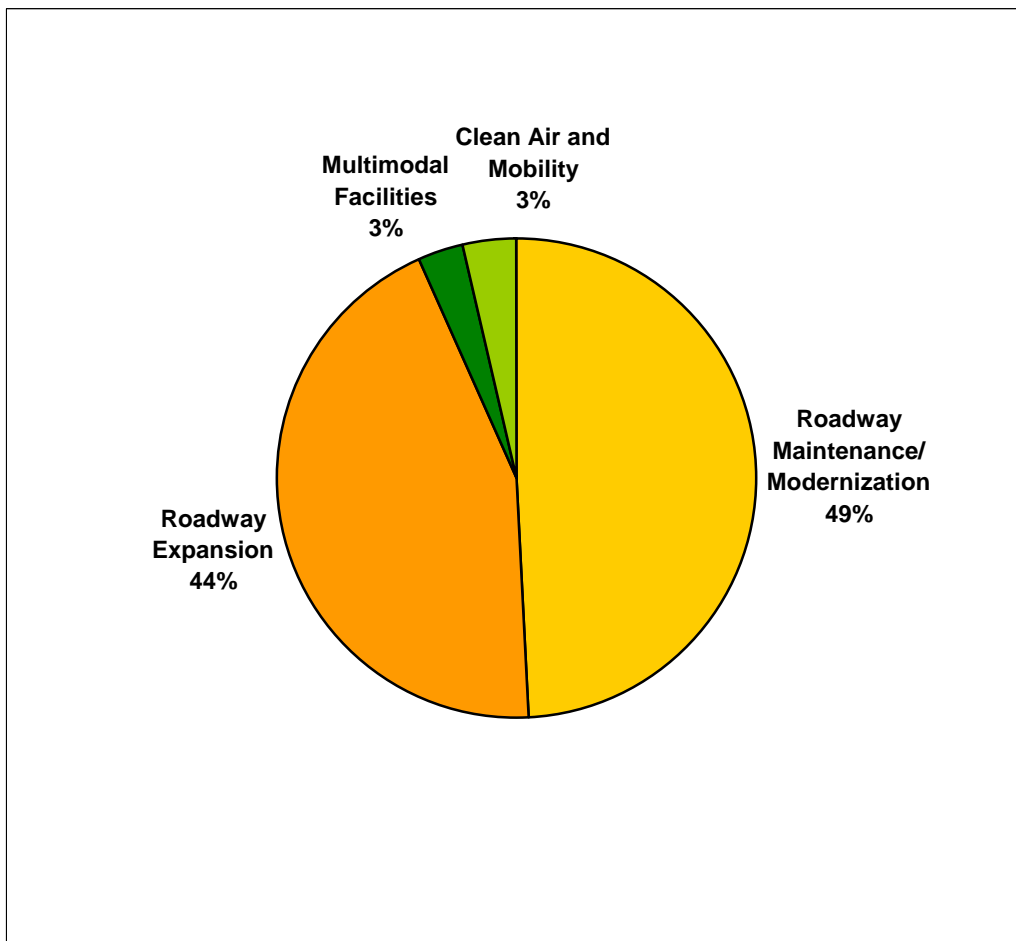
TARGET PROJECTS BY PROJECT PURPOSE FFYs 2008-10 TIP Funding

Project Purpose	2008	2009	2010	Total	%
Roadway Maintenance/Modernization	\$53,417,219	\$38,862,412	\$23,340,630	\$115,620,261	62.30%
Roadway Expansion	\$7,630,000	\$14,959,389	\$30,000,000	\$52,589,389	28.34%
Multimodal Facilities	\$0	\$9,300,000	\$0	\$9,300,000	5.01%
Operations	\$405,000	\$405,000	\$0	\$810,000	0.44%
Study/Design	\$0	\$271,800	\$0	\$271,800	0.15%
Clean Air and Mobility	\$1,657,255	\$1,426,503	\$2,000,000	\$5,083,758	2.74%
Other	\$1,920,000	\$0	\$0	\$1,920,000	1.03%
Total	\$65,029,474	\$65,225,104	\$55,340,630	\$185,595,208	100.00%



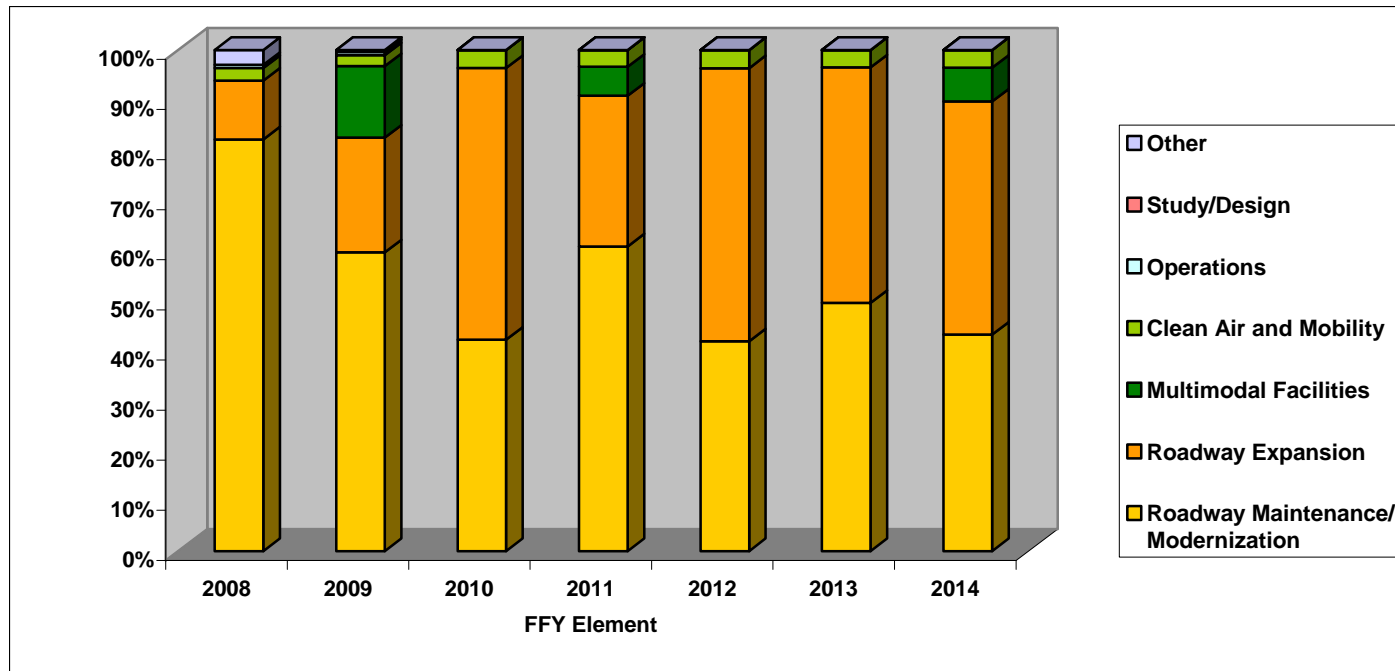
TARGET PROJECTS BY PROJECT PURPOSE FFYs 2011-14 TIP Funding

Project Purpose	2011	2012	2013	2014	Total	%
Roadway Maintenance/Modernization	\$36,409,572	\$23,045,114	\$28,436,400	\$24,514,368	\$112,405,454	49.05%
Roadway Expansion	\$18,000,000	\$30,000,000	\$27,000,000	\$26,400,000	\$101,400,000	44.25%
Multimodal Facilities	\$3,487,611	\$0	\$0	\$3,850,000	\$7,337,611	3.20%
Clean Air and Mobility	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$8,000,000	3.49%
Total	\$59,897,183	\$55,045,114	\$57,436,400	\$56,764,368	\$229,143,065	100.00%



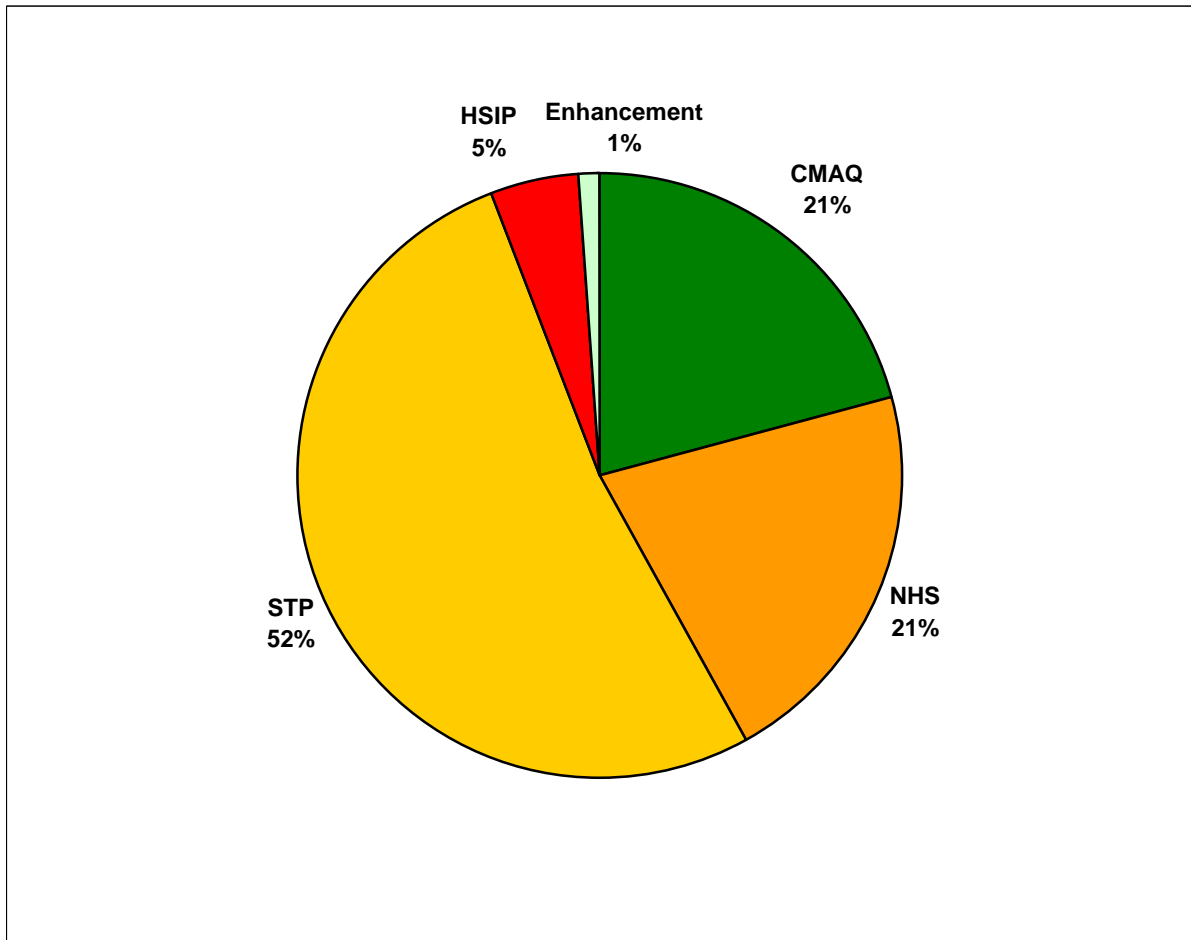
TARGET PROJECTS BY PROJECT PURPOSE FFYs 2008-14 TIP Funding

Project Purpose	2008	2009	2010	2011	2012	2013	2014	Total	%
Roadway Maintenance/Modernization	\$53,417,219	\$38,862,412	\$23,340,630	\$36,409,572	\$23,045,114	\$28,436,400	\$24,514,368	\$228,025,715	54.98%
Roadway Expansion	\$7,630,000	\$14,959,389	\$30,000,000	\$18,000,000	\$30,000,000	\$27,000,000	\$26,400,000	\$153,989,389	37.13%
Multimodal Facilities	\$0	\$9,300,000	\$0	\$3,487,611	\$0	\$0	\$3,850,000	\$16,637,611	4.01%
Clean Air and Mobility	\$1,657,255	\$1,426,503	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$13,083,758	3.15%
Operations	\$405,000	\$405,000	\$0	\$0	\$0	\$0	\$0	\$810,000	0.20%
Study/Design	\$0	\$271,800	\$0	\$0	\$0	\$0	\$0	\$271,800	0.07%
Other	\$1,920,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,920,000	0.46%
Total	\$65,029,474	\$65,225,104	\$55,340,630	\$59,897,183	\$55,045,114	\$57,436,400	\$56,764,368	\$414,738,273	100.00%



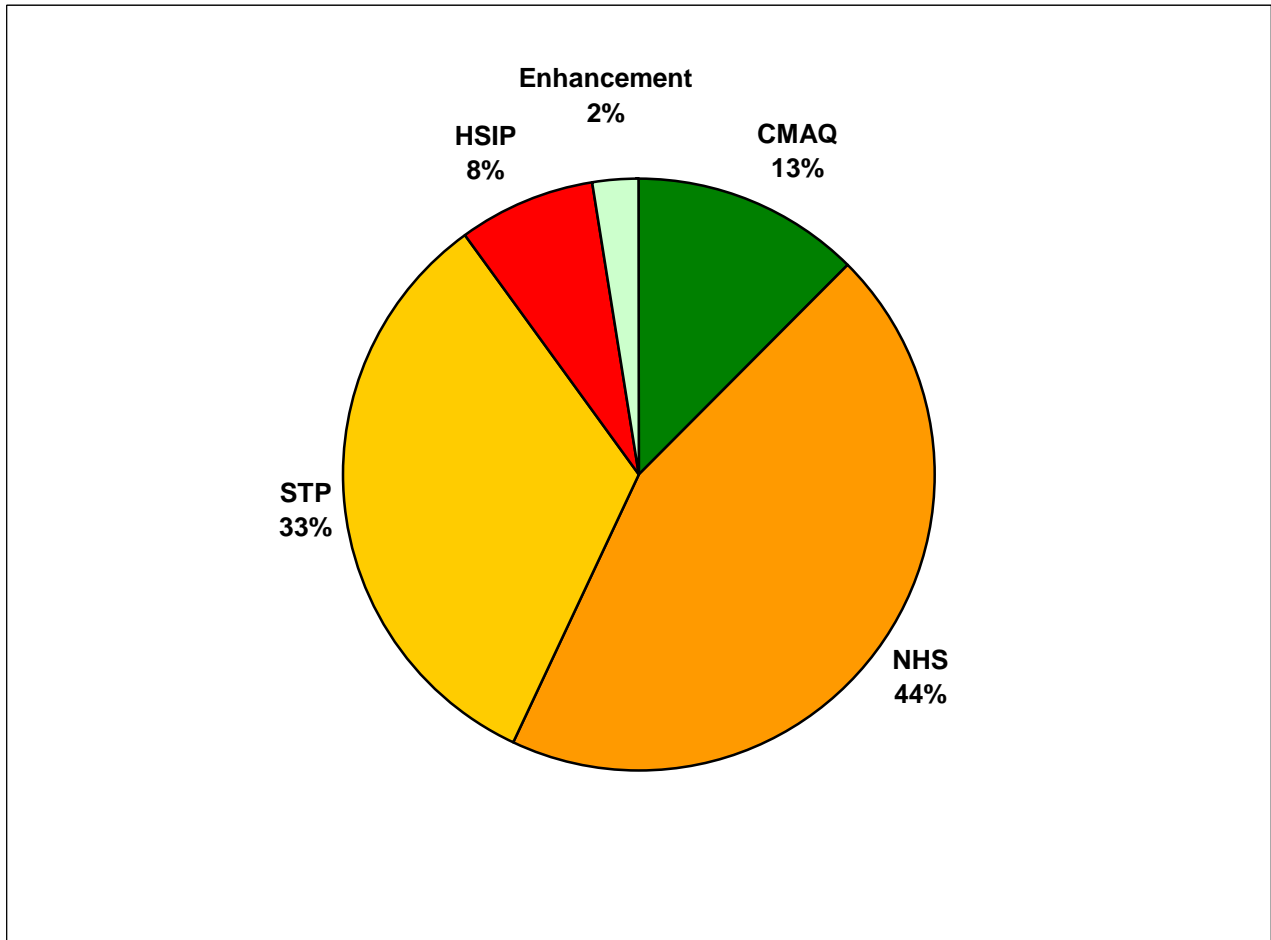
TARGET PROJECTS BY FUNDING CATEGORY FFYs 2008-10 TIP Funding

Funding Category	2008	2009	2010	Total	%
CMAQ	\$16,240,946	\$17,670,623	\$4,583,300	\$38,494,869	20.74%
NHS	\$7,630,000	\$14,959,389	\$17,000,000	\$39,589,389	21.33%
STP	\$40,359,123	\$28,026,582	\$28,530,620	\$96,916,325	52.22%
HSIP	\$0	\$4,296,710	\$4,296,710	\$8,593,420	4.63%
Enhancement	\$799,405	\$271,800	\$930,000	\$2,001,205	1.08%
Total	\$65,029,474	\$65,225,104	\$55,340,630	\$185,595,208	100.00%



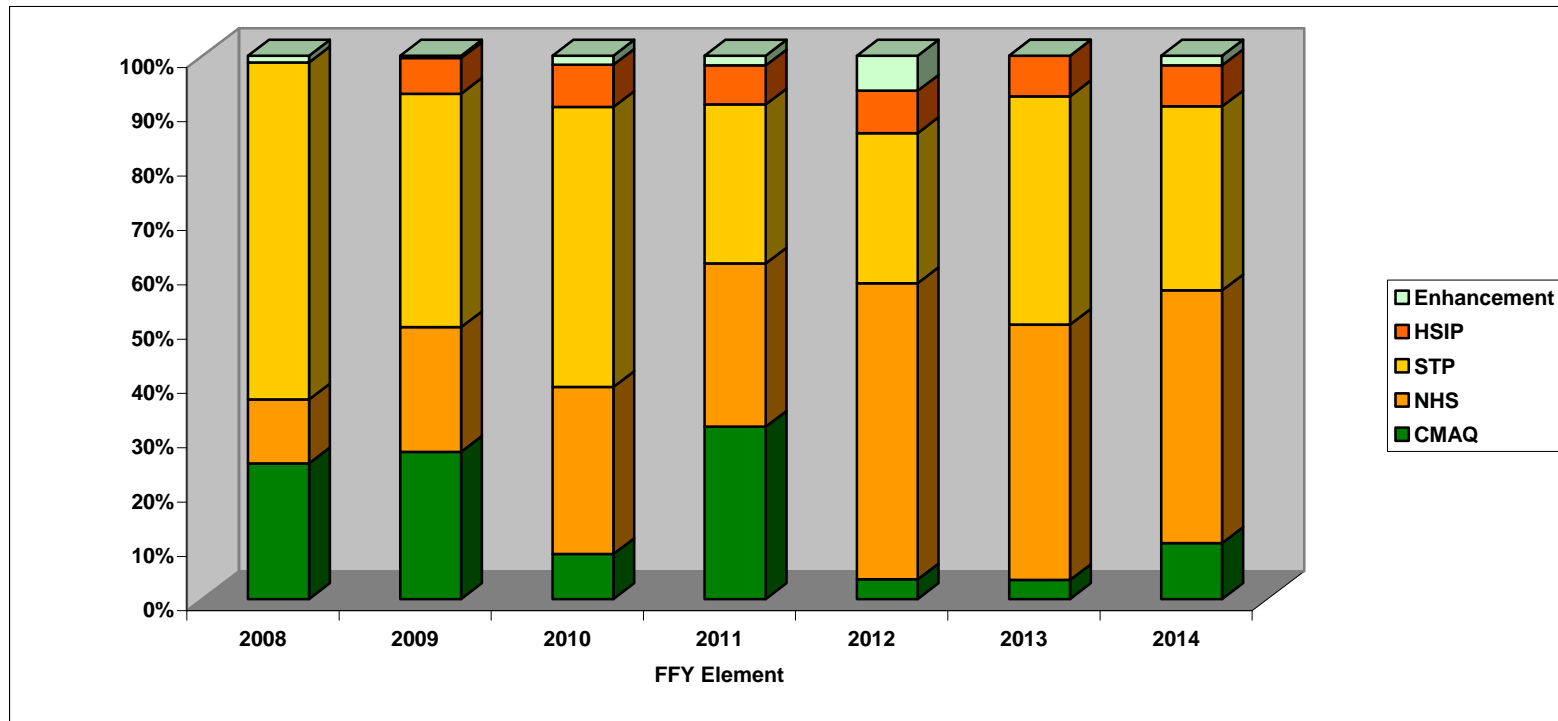
**TARGET PROJECTS BY FUNDING CATEGORY
FFYs 2011-14 TIP Funding**

Funding Category	2011	2012	2013	2014	Total	%
CMAQ	\$18,987,611	\$2,000,000	\$2,000,000	\$5,850,000	\$28,837,611	12.58%
NHS	\$18,000,000	\$30,000,000	\$27,000,000	\$26,400,000	\$101,400,000	44.25%
STP	\$17,536,627	\$15,200,000	\$24,139,690	\$19,217,658	\$76,093,975	33.21%
HSIP	\$4,296,710	\$4,296,710	\$4,296,710	\$4,296,710	\$17,186,840	7.50%
Enhancement	\$1,076,235	\$3,548,404	\$0	\$1,000,000	\$5,624,639	2.45%
Total	\$59,897,183	\$55,045,114	\$57,436,400	\$56,764,368	\$229,143,065	100.00%



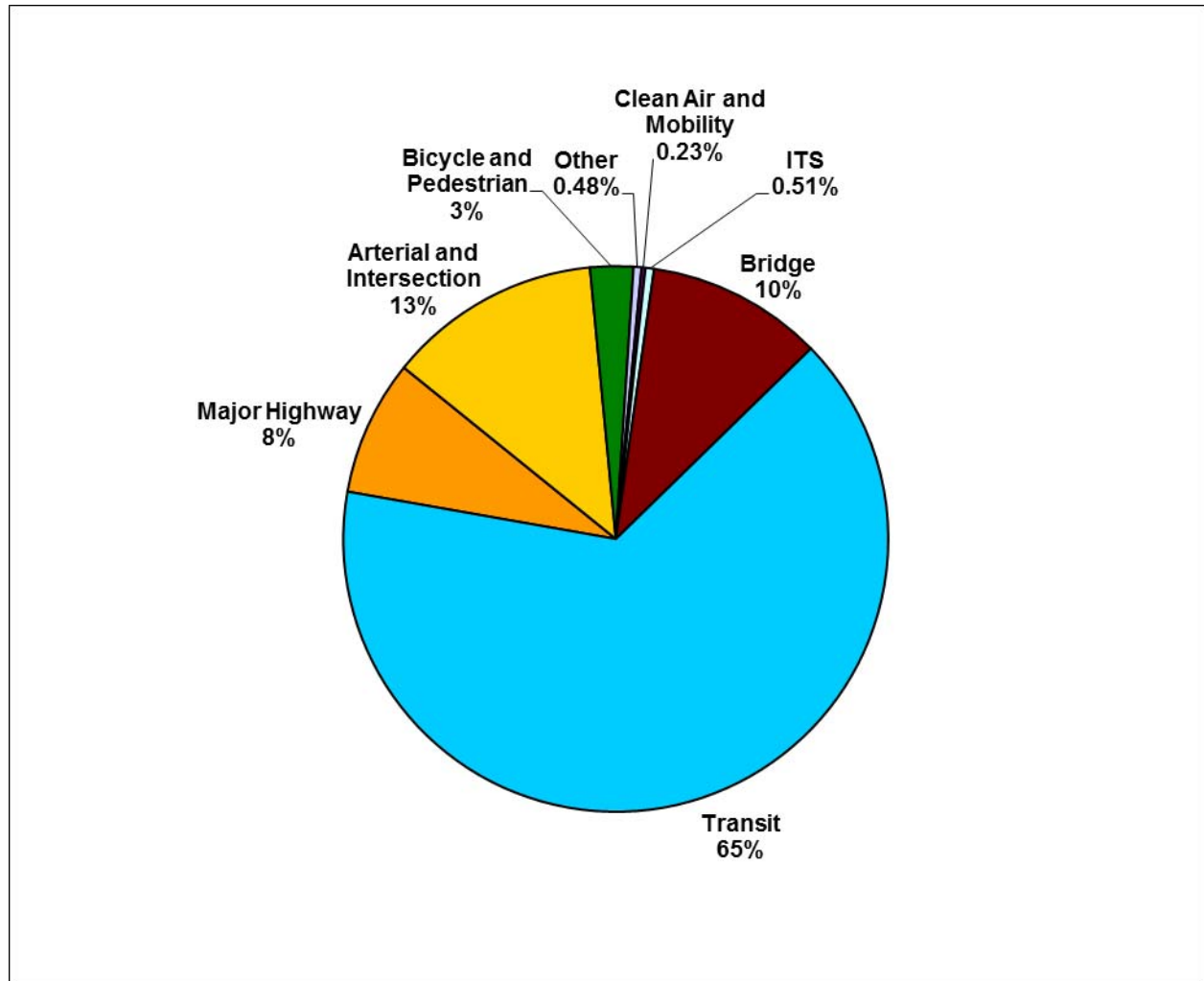
TARGET PROJECTS BY FUNDING CATEGORY FFYs 2008-14 TIP Funding

Funding Category	2008	2009	2010	2011	2012	2013	2014	Total	%
CMAQ	\$16,240,946	\$17,670,623	\$4,583,300	\$18,987,611	\$2,000,000	\$2,000,000	\$5,850,000	\$67,332,480	16.23%
NHS	\$7,630,000	\$14,959,389	\$17,000,000	\$18,000,000	\$30,000,000	\$27,000,000	\$26,400,000	\$140,989,389	33.99%
STP	\$40,359,123	\$28,026,582	\$28,530,620	\$17,536,627	\$15,200,000	\$24,139,690	\$19,217,658	\$173,010,300	41.72%
HSIP	\$0	\$4,296,710	\$4,296,710	\$4,296,710	\$4,296,710	\$4,296,710	\$4,296,710	\$25,780,260	6.22%
Enhancement	\$799,405	\$271,800	\$930,000	\$1,076,235	\$3,548,404	\$0	\$1,000,000	\$7,625,844	1.84%
Total	\$65,029,474	\$65,225,104	\$55,340,630	\$59,897,183	\$55,045,114	\$57,436,400	\$56,764,368	\$414,738,273	100.00%



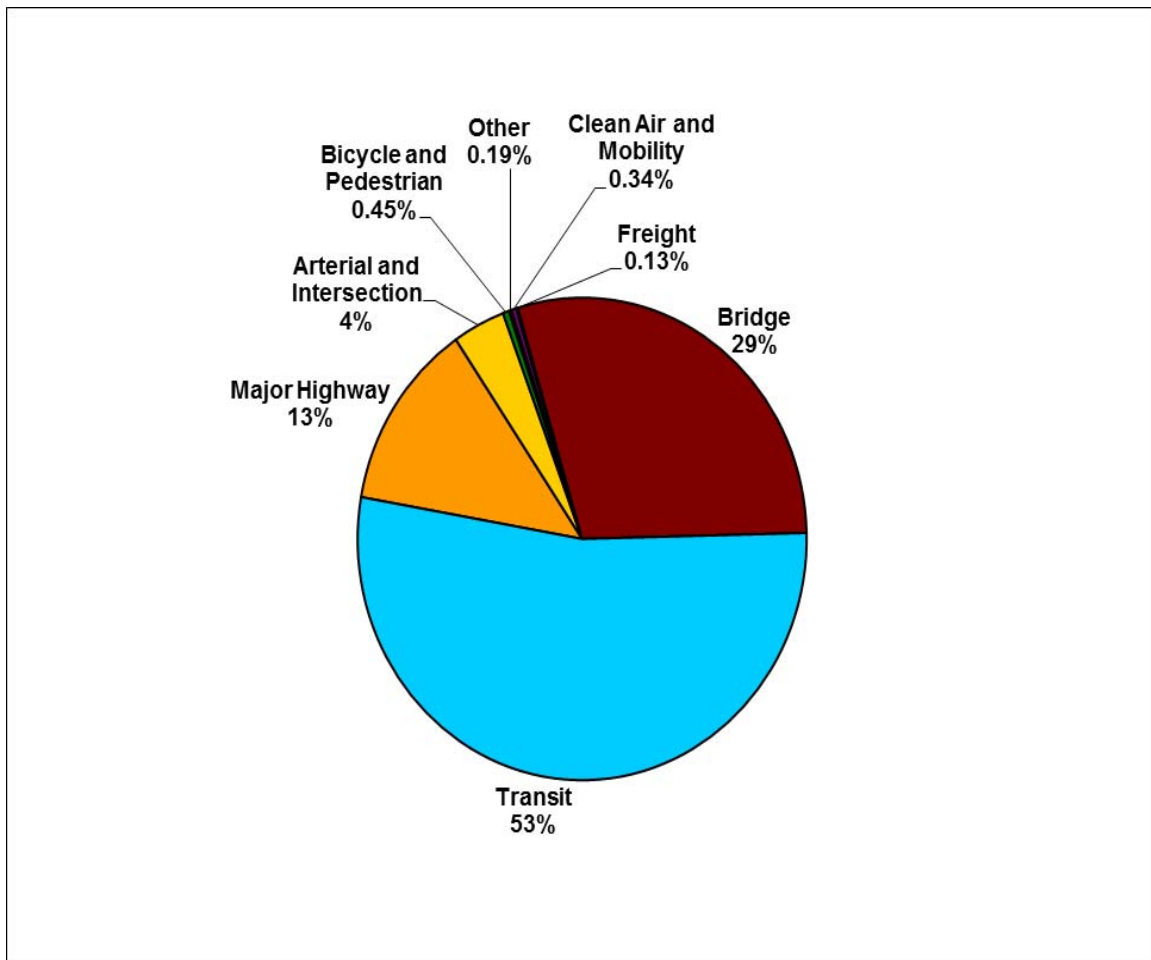
TOTAL TIP PROJECTS BY PROJECT TYPE FFYs 2008-10 TIP Funding

Project Type	2008	2009	2010	Total	%
Major Highway	\$46,043,143	\$74,836,088	\$59,522,700	\$180,401,931	8.03%
Arterial and Intersection	\$60,988,737	\$82,464,044	\$141,047,527	\$284,500,308	12.67%
Bicycle and Pedestrian	\$0	\$52,127,456	\$5,286,413	\$57,413,869	2.56%
Other	\$2,638,000	\$1,489,800	\$6,599,330	\$10,727,130	0.48%
Clean Air and Mobility	\$1,657,255	\$1,426,503	\$2,000,000	\$5,083,758	0.23%
ITS	\$2,370,933	\$7,405,000	\$1,700,000	\$11,475,933	0.51%
Bridge	\$23,552,564	\$57,421,965	\$153,712,669	\$234,687,198	10.45%
Transit	\$379,459,041	\$553,770,538	\$528,122,754	\$1,461,352,333	65.08%
Total	\$516,709,673	\$830,941,394	\$897,991,393	\$2,245,642,460	100.00%



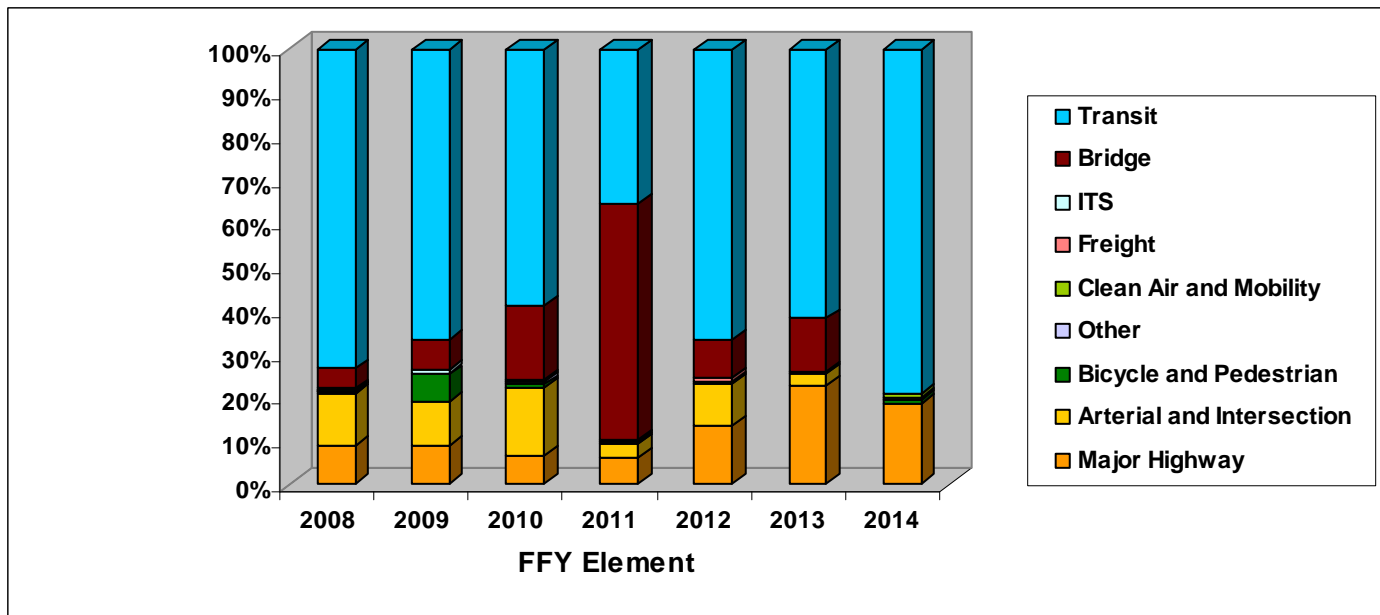
TOTAL TIP PROJECTS BY PROJECT TYPE FFYs 2011-14 TIP Funding

Project Type	2011	2012	2013	2014	Total	%
Major Highway	\$69,286,947	\$57,860,470	\$105,091,240	\$66,869,808	\$299,108,465	12.71%
Arterial and Intersection	\$33,941,427	\$42,277,243	\$12,720,000	\$0	\$88,938,670	3.78%
Bicycle and Pedestrian	\$6,671,000	\$0	\$0	\$3,850,000	\$10,521,000	0.45%
Other	\$2,374,935	\$0	\$0	\$2,124,874	\$4,499,809	0.19%
Clean Air and Mobility	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$8,000,000	0.34%
Freight	\$0	\$3,124,213	\$0	\$0	\$3,124,213	0.13%
Bridge	\$593,037,841	\$38,000,000	\$56,843,990	\$0	\$687,881,831	29.23%
Transit	\$389,072,695	\$287,434,306	\$287,434,306	\$287,434,306	\$1,251,375,613	53.17%
Total	\$1,096,384,845	\$430,696,232	\$464,089,536	\$362,278,988	\$2,353,449,600	100.00%



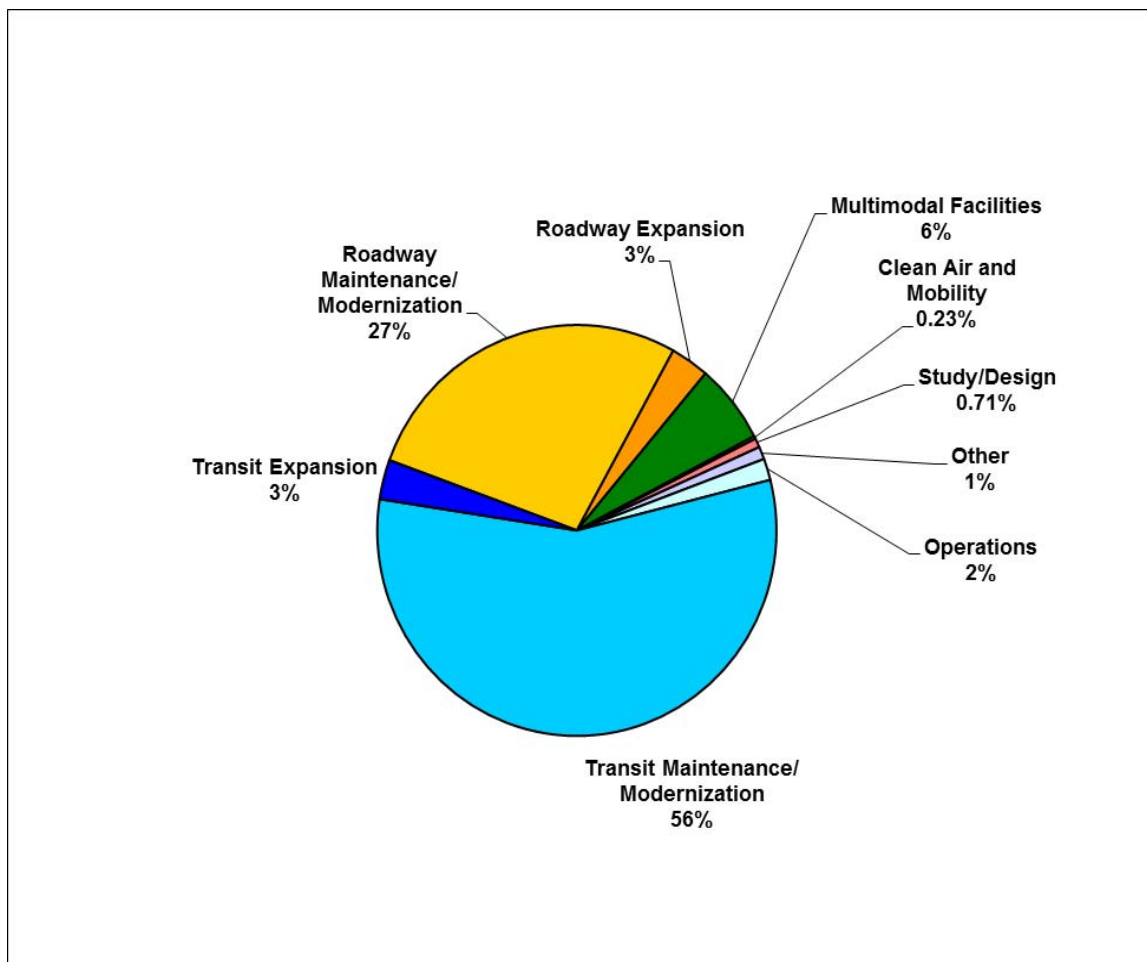
TOTAL TIP PROJECTS BY PROJECT TYPE FFYs 2008-14 TIP Funding

Project Type	2008	2009	2010	2011	2012	2013	2014	Total	%
Major Highway	\$46,043,143	\$74,836,088	\$59,522,700	\$69,286,947	\$57,860,470	\$105,091,240	\$66,869,808	\$479,510,396	10.43%
Arterial and Intersection	\$60,988,737	\$82,464,044	\$141,047,527	\$33,941,427	\$42,277,243	\$12,720,000	\$0	\$373,438,978	8.12%
Bicycle and Pedestrian	\$0	\$52,127,456	\$5,286,413	\$6,671,000	\$0	\$0	\$3,850,000	\$67,934,869	1.48%
Other	\$2,638,000	\$1,489,800	\$6,599,330	\$2,374,935	\$0	\$0	\$2,124,874	\$15,226,939	0.33%
Clean Air and Mobility	\$1,657,255	\$1,426,503	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$13,083,758	0.28%
Freight	\$0	\$0	\$0	\$0	\$3,124,213	\$0	\$0	\$3,124,213	0.07%
ITS	\$2,370,933	\$7,405,000	\$1,700,000	\$0	\$0	\$0	\$0	\$11,475,933	0.25%
Bridge	\$23,552,564	\$57,421,965	\$153,712,669	\$593,037,841	\$38,000,000	\$56,843,990	\$0	\$922,569,029	20.06%
Transit	\$379,459,041	\$553,770,538	\$528,122,754	\$389,072,695	\$287,434,306	\$287,434,306	\$287,434,306	\$2,712,727,945	58.98%
Total	\$516,709,673	\$830,941,394	\$897,991,393	\$1,096,384,845	\$430,696,232	\$464,089,536	\$362,278,988	\$4,599,092,060	100.00%



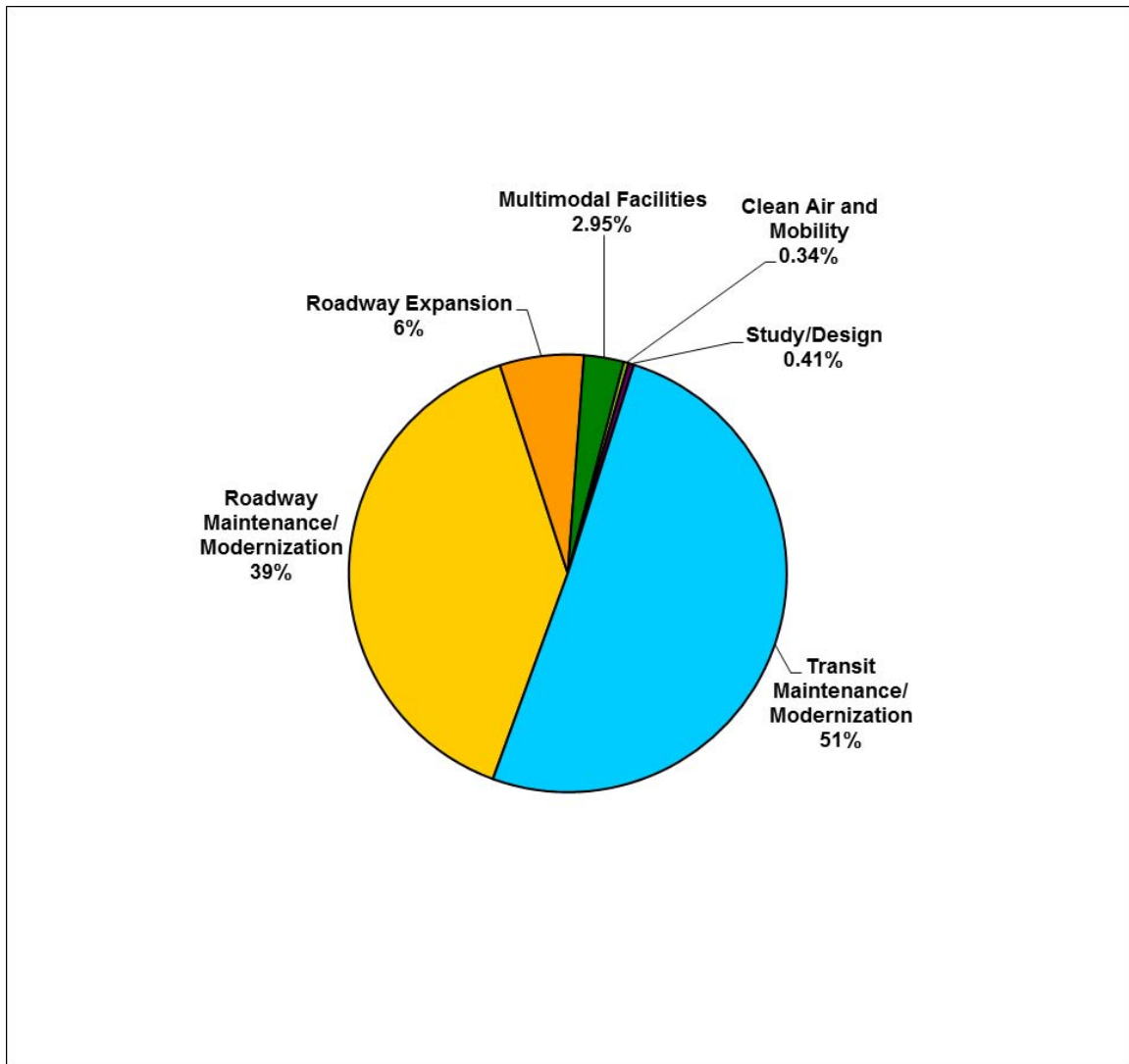
TOTAL TIP PROJECTS BY PROJECT PURPOSE FFYs 2008-10 TIP Funding

Project Purpose	2008	2009	2010	Total	%
Roadway Maintenance/Modernization	\$121,967,811	\$193,283,903	\$301,613,621	\$616,865,335	27.47%
Roadway Expansion	\$7,630,000	\$14,959,389	\$47,500,000	\$70,089,389	3.12%
Multimodal Facilities	\$11,167,192	\$50,893,394	\$78,673,969	\$140,734,555	6.27%
Clean Air and Mobility	\$1,657,255	\$1,426,503	\$2,000,000	\$5,083,758	0.23%
Study/Design	\$1,704,633	\$4,349,177	\$9,870,487	\$15,924,297	0.71%
Other	\$5,229,439	\$9,893,520	\$7,239,709	\$22,362,668	1.00%
Operations	\$2,370,933	\$7,405,000	\$28,374,353	\$38,150,286	1.70%
Transit Maintenance/Modernization	\$364,982,410	\$481,324,860	\$420,219,254	\$1,266,526,524	56.40%
Transit Expansion	\$0	\$67,405,648	\$2,500,000	\$69,905,648	3.11%
Total	\$516,709,673	\$830,941,394	\$897,991,393	\$2,245,642,460	100.00%



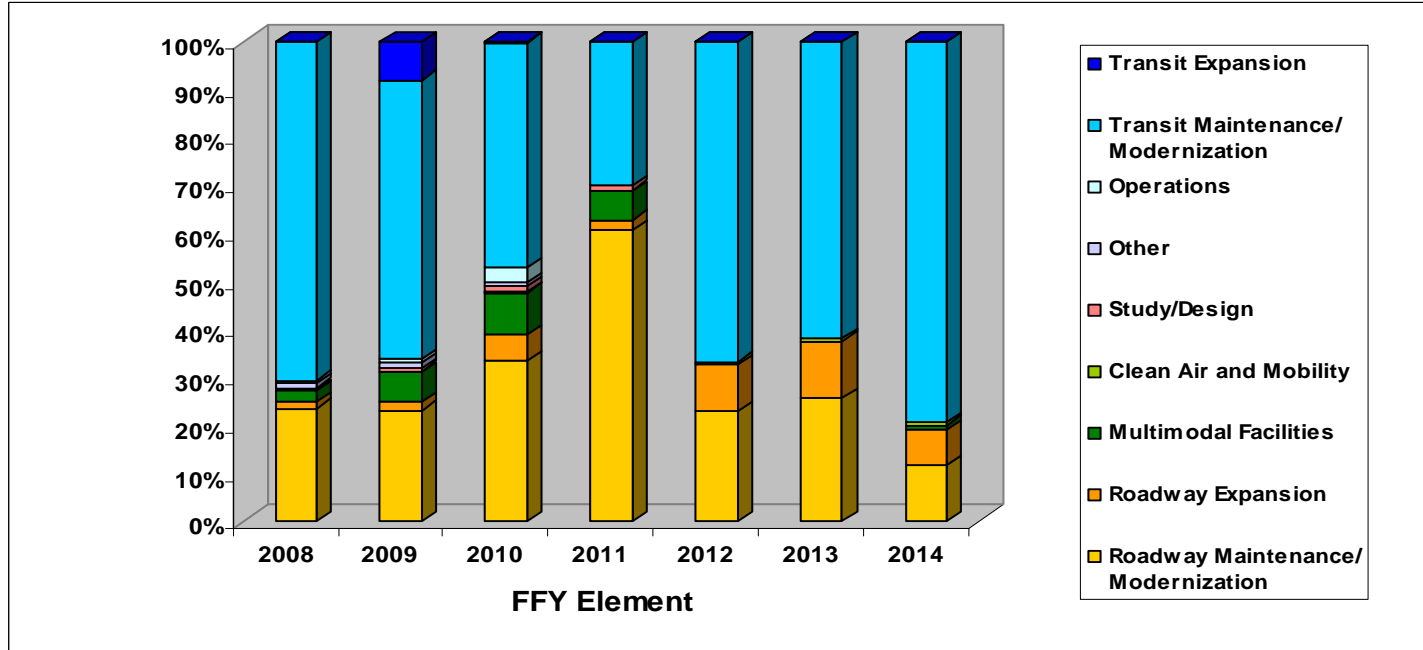
**TOTAL TIP PROJECTS BY PROJECT PURPOSE
FFYs 2011-14 TIP Funding**

Project Purpose	2011	2012	2013	2014	Total	%
Roadway Maintenance/Modernization	\$666,400,527	\$99,261,926	\$119,655,230	\$42,594,682	\$927,912,365	39.43%
Roadway Expansion	\$22,500,000	\$42,000,000	\$55,000,000	\$26,400,000	\$145,900,000	6.20%
Multimodal Facilities	\$65,553,628	\$0	\$0	\$3,850,000	\$69,403,628	2.95%
Clean Air and Mobility	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$8,000,000	0.34%
Study/Design	\$9,740,623	\$0	\$0	\$0	\$9,740,623	0.41%
Transit Maintenance/Modernization	\$330,190,067	\$287,434,306	\$287,434,306	\$287,434,306	\$1,192,492,985	50.67%
Total	\$1,096,384,845	\$430,696,232	\$464,089,536	\$362,278,988	\$2,353,449,600	100.00%



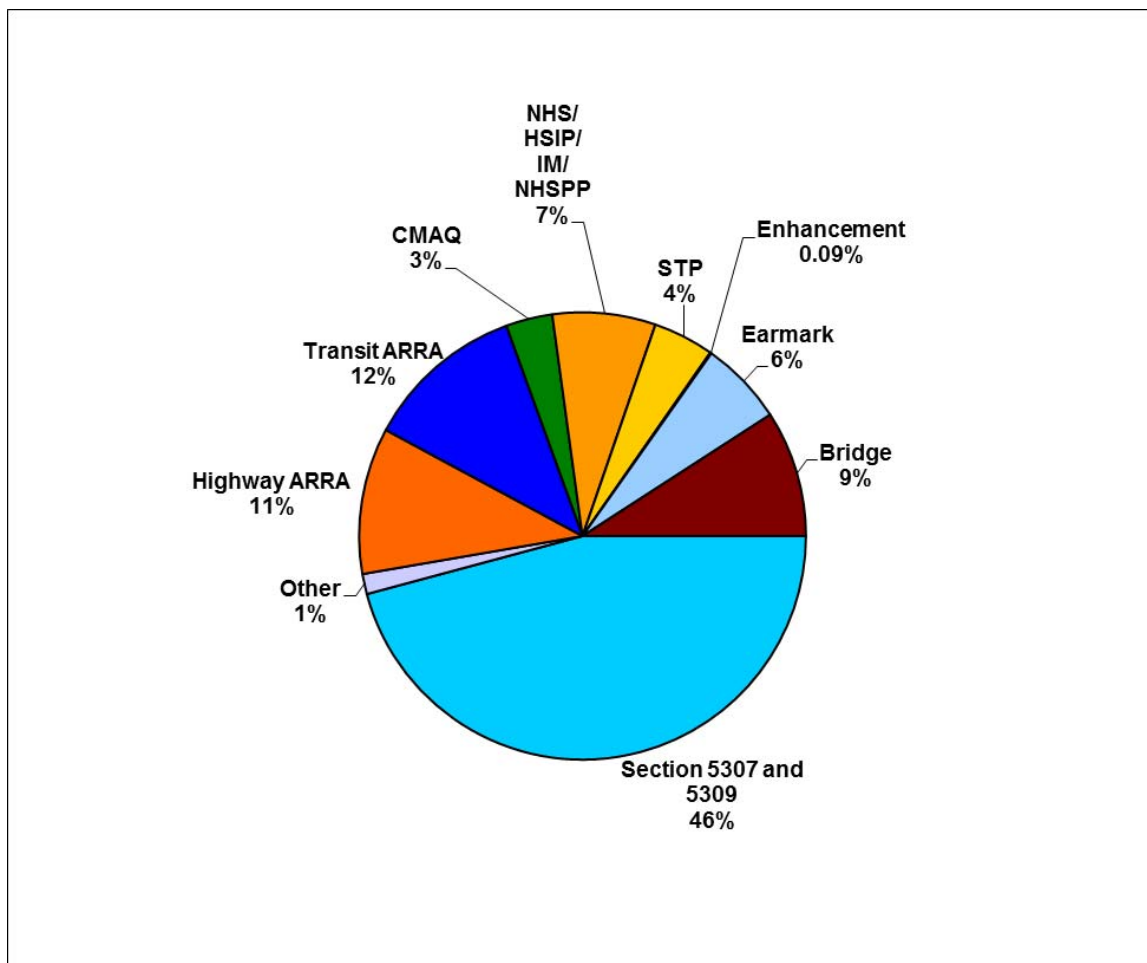
TOTAL TIP PROJECTS BY PROJECT PURPOSE FFYs 2008-14 TIP Funding

Project Purpose	2008	2009	2010	2011	2012	2013	2014	Total	%
Roadway Maintenance/ Modernization	\$121,967,811	\$193,283,903	\$301,613,621	\$666,400,527	\$99,261,926	\$119,655,230	\$42,594,682	\$1,544,777,699	33.59%
Roadway Expansion	\$7,630,000	\$14,959,389	\$47,500,000	\$22,500,000	\$42,000,000	\$55,000,000	\$26,400,000	\$215,989,389	4.70%
Multimodal Facilities	\$11,167,192	\$50,893,394	\$78,673,969	\$65,553,628	\$0	\$0	\$3,850,000	\$210,138,183	4.57%
Clean Air and Mobility	\$1,657,255	\$1,426,503	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$13,083,758	0.28%
Study/Design	\$1,704,633	\$4,349,177	\$9,870,487	\$9,740,623	\$0	\$0	\$0	\$25,664,920	0.56%
Other	\$5,229,439	\$9,893,520	\$7,239,709	\$0	\$0	\$0	\$0	\$22,362,668	0.49%
Operations	\$2,370,933	\$7,405,000	\$28,374,353	\$0	\$0	\$0	\$0	\$38,150,286	0.83%
Transit Maintenance/ Modernization	\$364,982,410	\$481,324,860	\$420,219,254	\$330,190,067	\$287,434,306	\$287,434,306	\$287,434,306	\$2,459,019,509	53.47%
Transit Expansion	\$0	\$67,405,648	\$2,500,000	\$0	\$0	\$0	\$0	\$69,905,648	1.52%
Total	\$516,709,673	\$830,941,394	\$897,991,393	\$1,096,384,845	\$430,696,232	\$464,089,536	\$362,278,988	\$4,599,092,060	100.00%



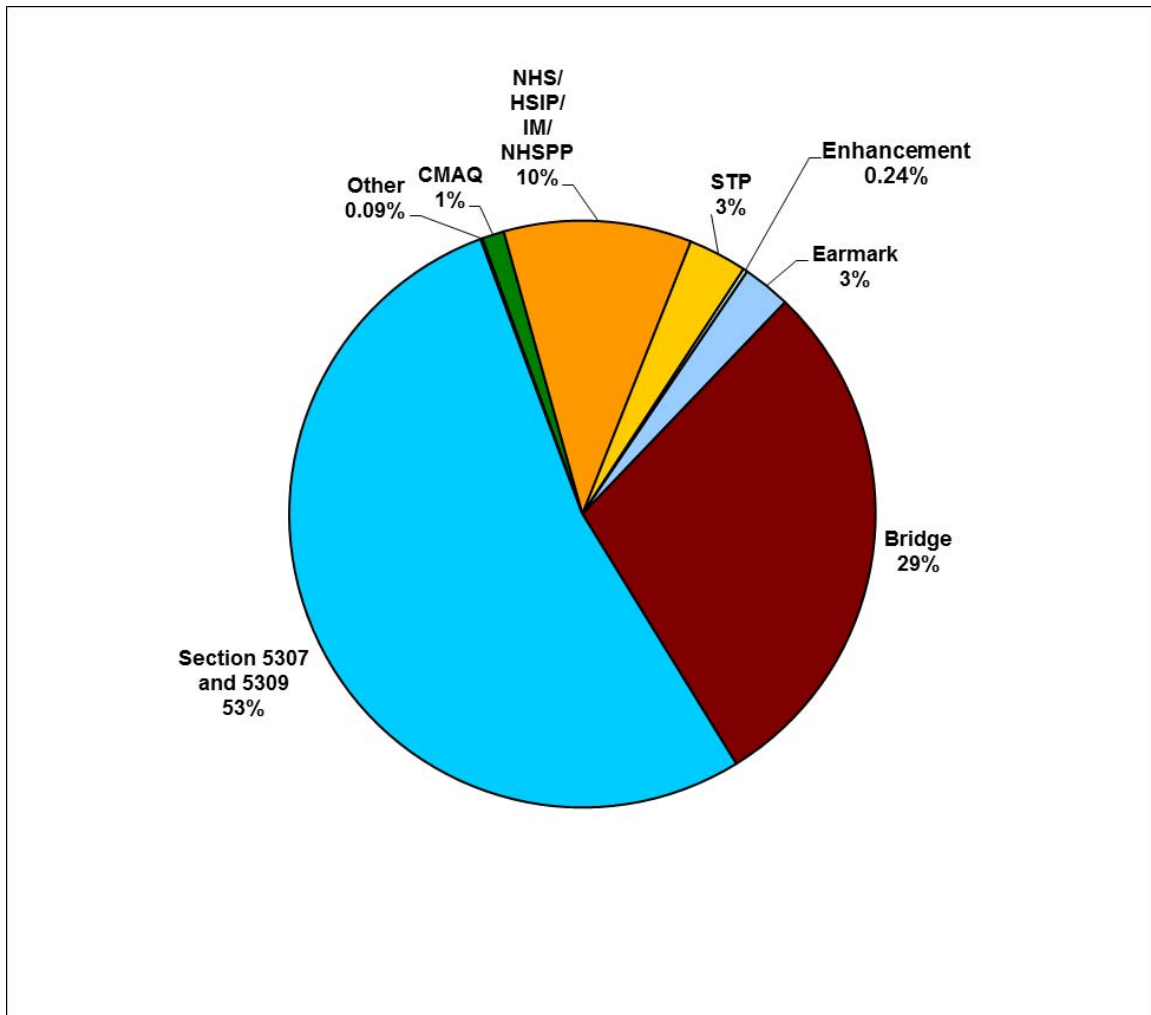
TOTAL TIP PROJECTS BY FUNDING CATEGORY FFYs 2008-10 TIP Funding

Funding Category	2008	2009	2010	Total	%
CMAQ	\$16,240,946	\$17,670,623	\$42,083,300	\$75,994,869	3.38%
NHS/HSIP/IM/NHSPP	\$45,862,346	\$58,362,082	\$63,370,660	\$167,595,088	7.46%
STP	\$40,359,123	\$28,026,582	\$30,530,620	\$98,916,325	4.40%
Enhancement	\$799,405	\$271,800	\$930,000	\$2,001,205	0.09%
Earmark	\$15,632,748	\$42,534,656	\$78,611,686	\$136,779,089	6.09%
Bridge	\$23,552,564	\$53,256,965	\$127,972,544	\$204,782,073	9.12%
Section 5307 and 5309	\$370,953,102	\$357,915,963	\$300,105,306	\$1,028,974,371	45.82%
Other	\$3,309,439	\$3,493,819	\$25,984,178	\$32,787,436	1.46%
Highway ARRA	\$0	\$89,994,648	\$147,618,746	\$237,613,394	10.58%
Transit ARRA	\$0	\$179,414,256	\$80,784,353	\$260,198,609	11.59%
Total	\$516,709,673	\$830,941,394	\$897,991,393	\$2,245,642,460	100.00%



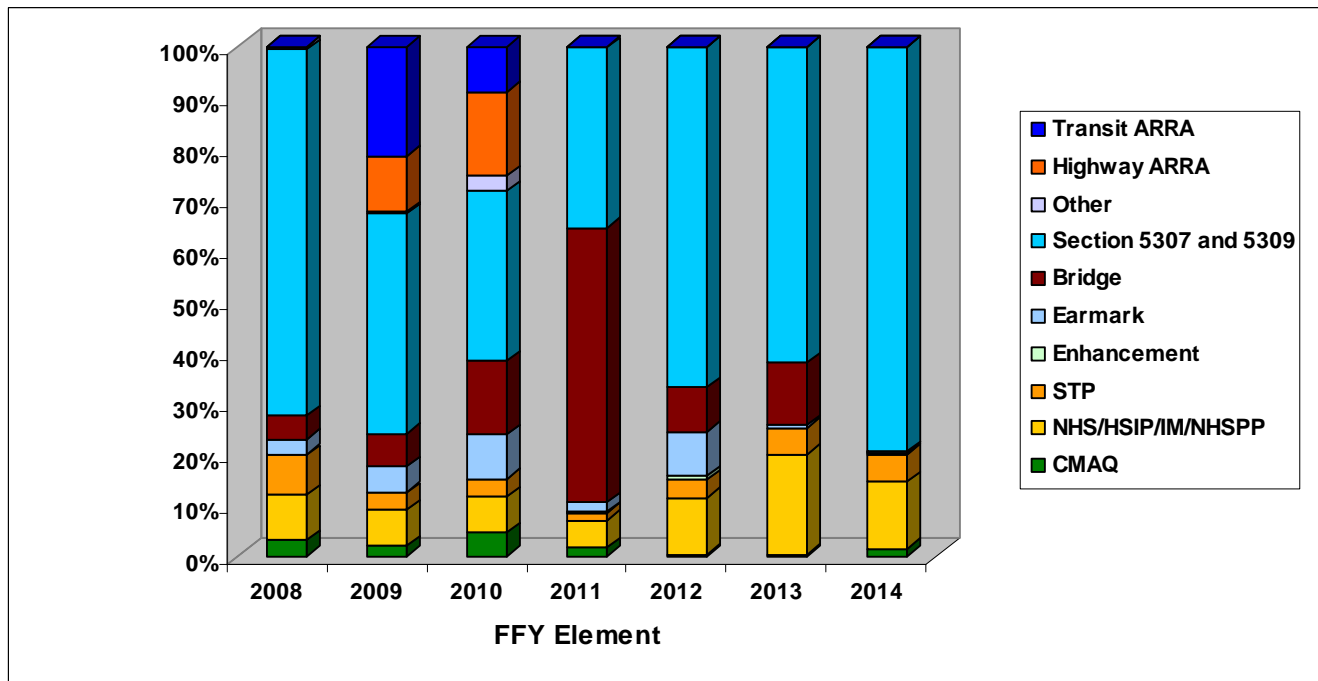
TOTAL TIP PROJECTS BY FUNDING CATEGORY FFYs 2011-14 TIP Funding

Funding Category	2011	2012	2013	2014	Total	%
CMAQ	\$18,987,611	\$2,000,000	\$2,000,000	\$5,850,000	\$28,837,611	1.23%
NHS/HSIP/IM/NHSPP	\$57,798,710	\$47,360,470	\$91,091,240	\$47,652,150	\$243,902,570	10.36%
STP	\$17,536,627	\$15,200,000	\$24,139,690	\$19,217,658	\$76,093,975	3.23%
Enhancement	\$1,076,235	\$3,548,404	\$0	\$1,000,000	\$5,624,639	0.24%
Earmark	\$21,606,125	\$37,153,052	\$2,580,310	\$1,124,874	\$62,464,360	2.65%
Bridge	\$588,726,341	\$38,000,000	\$56,843,990	\$0	\$683,570,331	29.05%
Section 5307 and 5309	\$388,482,196	\$287,434,306	\$287,434,306	\$287,434,306	\$1,250,785,114	53.15%
Other	\$2,171,000	\$0	\$0	\$0	\$2,171,000	0.09%
Total	\$1,096,384,845	\$430,696,232	\$464,089,536	\$362,278,988	\$2,353,449,600	100.00%



TOTAL TIP PROJECTS BY FUNDING CATEGORY FFYs 2008-14 TIP Funding

Funding Category	2008	2009	2010	2011	2012	2013	2014	Total	%
CMAQ	\$16,240,946	\$17,670,623	\$42,083,300	\$18,987,611	\$2,000,000	\$2,000,000	\$5,850,000	\$104,832,480	2.28%
NHS/HSIP/IM/NHSPP	\$45,862,346	\$58,362,082	\$63,370,660	\$57,798,710	\$47,360,470	\$91,091,240	\$47,652,150	\$411,497,658	8.95%
STP	\$40,359,123	\$28,026,582	\$30,530,620	\$17,536,627	\$15,200,000	\$24,139,690	\$19,217,658	\$175,010,300	3.81%
Enhancement	\$799,405	\$271,800	\$930,000	\$1,076,235	\$3,548,404	\$0	\$1,000,000	\$7,625,844	0.17%
Earmark	\$15,632,748	\$42,534,656	\$78,611,686	\$21,606,125	\$37,153,052	\$2,580,310	\$1,124,874	\$199,243,449	4.33%
Bridge	\$23,552,564	\$53,256,965	\$127,972,544	\$588,726,341	\$38,000,000	\$56,843,990	\$0	\$888,352,404	19.32%
Section 5307 and 5309	\$370,953,102	\$357,915,963	\$300,105,306	\$388,482,196	\$287,434,306	\$287,434,306	\$287,434,306	\$2,279,759,485	49.57%
Other	\$3,309,439	\$3,493,819	\$25,984,178	\$2,171,000	\$0	\$0	\$0	\$34,958,436	0.76%
Highway ARRA	\$0	\$89,994,648	\$147,618,746	\$0	\$0	\$0	\$0	\$237,613,394	5.17%
Transit ARRA	\$0	\$179,414,256	\$80,784,353	\$0	\$0	\$0	\$0	\$260,198,609	5.66%
Total	\$516,709,673	\$830,941,394	\$897,991,393	\$1,096,384,845	\$430,696,232	\$464,089,536	\$362,278,988	\$4,599,092,060	100.00%



**TOTAL TIP FUNDING
FFYs 2008-14**

Funding Category	2008	2009	2010	2011	2012	2013	2014	Total	%
CMAQ	\$16,240,946	\$17,670,623	\$42,083,300	\$18,987,611	\$2,000,000	\$2,000,000	\$5,850,000	\$104,832,480	2.28%
NHS	\$7,630,000	\$14,959,389	\$32,500,000	\$18,000,000	\$30,000,000	\$27,000,000	\$26,400,000	\$156,489,389	3.40%
STP	\$40,359,123	\$28,026,582	\$30,530,620	\$17,536,627	\$15,200,000	\$24,139,690	\$19,217,658	\$175,010,300	3.81%
HSIP	\$0	\$4,296,710	\$4,296,710	\$4,296,710	\$4,296,710	\$4,296,710	\$4,296,710	\$25,780,260	0.56%
Enhancement	\$799,405	\$271,800	\$930,000	\$1,076,235	\$3,548,404	\$0	\$1,000,000	\$7,625,844	0.17%
Earmark	\$15,632,748	\$42,534,656	\$78,611,686	\$21,606,125	\$37,153,052	\$2,580,310	\$1,124,874	\$199,243,449	4.33%
Bridge	\$23,552,564	\$53,256,965	\$127,972,544	\$588,726,341	\$38,000,000	\$56,843,990	\$0	\$888,352,404	19.32%
IM	\$33,726,346	\$25,844,040	\$26,573,950	\$35,502,000	\$8,393,600	\$56,866,530	\$15,393,840	\$202,300,306	4.40%
NHSPP	\$4,506,000	\$13,261,943	\$0	\$0	\$4,670,160	\$2,928,000	\$1,561,600	\$26,927,703	0.59%
Highway ARRA	\$0	\$89,994,648	\$147,618,746	\$0	\$0	\$0	\$0	\$237,613,394	5.17%
Section 5307	\$183,521,216	\$188,752,405	\$169,934,306	\$169,934,306	\$169,934,306	\$169,934,306	\$169,934,306	\$1,221,945,151	26.57%
Section 5309	\$187,431,886	\$169,163,559	\$130,171,000	\$218,547,890	\$117,500,000	\$117,500,000	\$117,500,000	\$1,057,814,335	23.00%
Transit ARRA	\$0	\$179,414,256	\$80,784,353	\$0	\$0	\$0	\$0	\$260,198,609	5.66%
Other	\$3,309,439	\$3,493,819	\$25,984,178	\$2,171,000	\$0	\$0	\$0	\$34,958,436	0.76%
Total	\$516,709,673	\$830,941,394	\$897,991,393	\$1,096,384,845	\$430,696,232	\$464,089,536	\$362,278,988	\$4,599,092,060	100.00%

Project Type	2008	2009	2010	2011	2012	2013	2014	Total	%
Major Highway	\$46,043,143	\$74,836,088	\$59,522,700	\$69,286,947	\$57,860,470	\$105,091,240	\$66,869,808	\$479,510,396	10.43%
Arterial and Intersection	\$60,988,737	\$82,464,044	\$141,047,527	\$33,941,427	\$42,277,243	\$12,720,000	\$0	\$373,438,978	8.12%
Bicycle and Pedestrian	\$0	\$52,127,456	\$5,286,413	\$6,671,000	\$0	\$0	\$3,850,000	\$67,934,869	1.48%
Other	\$2,638,000	\$1,489,800	\$6,599,330	\$2,374,935	\$0	\$0	\$2,124,874	\$15,226,939	0.33%
Clean Air and Mobility	\$1,657,255	\$1,426,503	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$13,083,758	0.28%
Freight	\$0	\$0	\$0	\$0	\$3,124,213	\$0	\$0	\$3,124,213	0.07%
ITS	\$2,370,933	\$7,405,000	\$1,700,000	\$0	\$0	\$0	\$0	\$11,475,933	0.25%
Bridge	\$23,552,564	\$57,421,965	\$153,712,669	\$593,037,841	\$38,000,000	\$56,843,990	\$0	\$922,569,029	20.06%
Transit	\$379,459,041	\$553,770,538	\$528,122,754	\$389,072,695	\$287,434,306	\$287,434,306	\$287,434,306	\$2,712,727,945	58.98%
Total	\$516,709,673	\$830,941,394	\$897,991,393	\$1,096,384,845	\$430,696,232	\$464,089,536	\$362,278,988	\$4,599,092,060	100.00%

Project Purpose	2008	2009	2010	2011	2012	2013	2014	Total	%
Roadway Maintenance/ Modernization	\$121,967,811	\$193,283,903	\$301,613,621	\$666,400,527	\$99,261,926	\$119,655,230	\$42,594,682	\$1,544,777,699	33.59%
Roadway Expansion	\$7,630,000	\$14,959,389	\$47,500,000	\$22,500,000	\$42,000,000	\$55,000,000	\$26,400,000	\$215,989,389	4.70%
Multimodal Facilities	\$11,167,192	\$50,893,394	\$78,673,969	\$65,553,628	\$0	\$0	\$3,850,000	\$210,138,183	4.57%
Clean Air and Mobility	\$1,657,255	\$1,426,503	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$13,083,758	0.28%
Study/Design	\$1,704,633	\$4,349,177	\$9,870,487	\$9,740,623	\$0	\$0	\$0	\$25,664,920	0.56%
Other	\$5,229,439	\$9,893,520	\$7,239,709	\$0	\$0	\$0	\$0	\$22,362,668	0.49%
Operations	\$2,370,933	\$7,405,000	\$28,374,353	\$0	\$0	\$0	\$0	\$38,150,286	0.83%
Transit Maintenance/ Modernization	\$364,982,410	\$481,324,860	\$420,219,254	\$330,190,067	\$287,434,306	\$287,434,306	\$287,434,306	\$2,459,019,509	53.47%
Transit Expansion	\$0	\$67,405,648	\$2,500,000	\$0	\$0	\$0	\$0	\$69,905,648	1.52%
Total	\$516,709,673	\$830,941,394	\$897,991,393	\$1,096,384,845	\$430,696,232	\$464,089,536	\$362,278,988	\$4,599,092,060	100.00%