

matching funds in the form of bonds and local revenues are available to match TIP projects.

F. FY 2012 Federal-Aid Annual Element Listing and Summary

In accordance with federal regulations, a separate listing of all projects in the TIP for which federal funds will be sought in FY 2012 is provided in Table V-1. This list brings together information found in Chapter VI, the section containing individual project listings for each jurisdiction and modal administration. Projects in the Annual Element can also be identified in the main project listings as those with dollar amounts in the Annual Element columns.

Table V-1 shows the projects in the FY 2012 Annual Element, the source of funds, the amount of federal funding

being requested and the matching funds to be provided. Table V-2 summarizes by jurisdiction and agency the level of federal funds requested in the FY 2012 Annual Element. Exhibit V-1 graphically displays a comparison of total project costs between fiscal years 2010, 2011 and 2012 of the TIP. Exhibit V-2 graphically displays a summary of the FY 2012 Annual Element as a percentage of the number of projects included in the Annual Element for SHA, MTA and the local jurisdictions, while Exhibit V-3 represents the percentage of projects by project type. Exhibit V-4 graphically displays a summary of the FY 2012 Annual Element by fund source as total dollar amounts. Exhibit V-5 displays a summary of the FY 2012 Annual Element by fund source and by percentage of total dollar amount.

Table V-1
 FY 2012 Annual Element
 (costs in \$1,000's)

Project Name	Project ID	Project Type	Funding Source	Federal Funds	Matching Funds
<u>Anne Arundel County</u>					
Chesterfield Road Bridge over Bacon Ridge Branch	11-1101-13	Bridge repair/deck replacement	LB	1,421	586
Furnace Avenue Bridge over Deep Run	11-1103-13	Bridge repair/deck replacement	LB	1,004	357
Sands Road Bridge over the Wilson Owens Branch	11-1203-13	Bridge repair/deck replacement	BRR	604	2,417
Sands Road Bridge over Ferry Branch	11-1204-13	Bridge repair/deck replacement	BRR	146	583
Dicus Mill Road Bridge over Severn River	11-1205-13	Bridge repair/deck replacement	BRR	181	725
Harwood Road Bridge	11-1208-13	Bridge repair/deck replacement	BRR	231	922
Subtotal				3,587	5,590
<u>Baltimore City</u>					
Transportation Career Development Program	12-0002-99	Miscellaneous	STP	375	125
Road Resurfacing - Federal Aid Program	12-0207-11	Road resurfacing/rehabilitation	NHS	800	200
			STP	7,200	1,800
Intermodal Bus Center	12-0749-66	New bus facilities	1702	4,100	1,000
Areawide Bridge Preservation and Rehabilitation Program	12-1030-13	Bridge repair/deck replacement	BRR	15,120	3,584
Boston Street Realignment/Reconstruction	12-1102-42	New or extended roadways	STP	2,400	500
Transit Vehicle Purchase	12-1118-63	Fleet improvement	Other	1,500	0
Kent Street Transit Plaza	12-1120-03	Bicycle/pedestrian facilities	5309B	570	200
			CMAQ	1,000	200
Baltimore City Tour Bus Parking Facility	12-1121-09	Other ERS	Other	400	0

Table V-1
 FY 2012 Annual Element
 (costs in \$1,000's)

Project Name	Project ID	Project Type	Funding Source	Federal Funds	Matching Funds
<u>Baltimore City</u> (continued)					
Reconnecting West Baltimore	12-1122-03	Bicycle/pedestrian facilities	Other	1,670	430
Key Highway / Light Street Roundabout	12-1123-12	Road reconstruction	STP	800	200
Frederick Avenue Bridge	12-1124-13	Bridge repair/deck replacement	BRR	10,400	2,600
Annapolis Road and Waterview Bridges Over BW Pkwy	12-1202-13	Bridge repair/deck replacement	BRR	14,640	3,660
Park Circle Roundabout	12-1204-12	Road reconstruction	STP	8,010	1,000
Capital Program Management Technology Support	12-1206-99	Miscellaneous	Other	160	190
Citywide Earmarks and Enhancements	12-1212-99	Miscellaneous	Other	15,750	5,150
Citywide Street and Urban Reconstruction	12-1213-11	Road resurfacing/rehabilitation	NHS	1,350	270
			STP	12,150	2,430
Perring Pkwy Ramp & Hillen Road Bridge	12-1215-13	Bridge repair/deck replacement	BRR	1,120	280
Sisson Street Bridge over CSX	12-1216-13	Bridge repair/deck replacement	BRR	400	250
Citywide Bike/Ped Improvements	12-1217-25	Bicycle/pedestrian facility	CMAQ	6,370	5,600
Citywide Bike/Ped Improvements	12-1217-25	Bicycle/pedestrian facility	STP	2,730	2,400
Citywide Intelligent Transportation Systems (ITS)	12-1218-07	ITS	CMAQ	1,200	300
			IM	3,120	780
Broening Highway Reconstruction	12-1219-12	Road reconstruction	NHS	12,000	11,000
Subtotal				125,335	44,149

Table V-1
 FY 2012 Annual Element
 (costs in \$1,000's)

Project Name	Project ID	Project Type	Funding Source	Federal Funds	Matching Funds
<u>Baltimore County</u>					
Gwynnbrook Avenue Bridge #202 over Gwynns Falls	13-0411-13	Bridge repair/deck replacement	LB	1,440	360
Mohrs Lane Bridge #143	13-0803-13	Bridge repair/deck replacement	LB	480	120
Gunpowder Road Bridge #409	13-1005-13	Bridge repair/deck replacement	LB	320	80
Hess Road Bridge #10	13-1006-13	Bridge repair/deck replacement	LB	400	100
Hammonds Ferry Road over CSX	13-1012-13	Bridge repair/deck replacement	BRR	380	120
Painters Mill Rd/Gwynns Falls Bridge #103	13-1013-13	Bridge repair/deck replacement	LB	1,872	468
Gores Mill Road Bridge #s 136, 138 & 346	13-1102-19	Other	LB	400	100
Jericho Covered Bridge Preservation	13-1106-13	Bridge repair/deck replacement	NHCB	1,220	380
Peninsula Expressway Bridge #119	13-1108-13	Bridge repair/deck replacement	LB	800	200
Old Court Road Bridge #237 over Bens Run	13-1204-13	Bridge repair/deck replacement	LB	160	40
Milford Mill Road Bridge #76 over Gwynns Falls	13-1205-13	Bridge repair/deck replacement	LB	80	20
Biennial Bridge Inspection	13-8901-14	Bridge inspections	BRR	1,300	0
Subtotal				8,852	1,988
<u>Carroll County</u>					
Shepherds Mill over Little Pipe Creek	14-1102-13	Bridge repair/deck replacement	BRR	2,992	748
White Rock Road over Piney Run	14-1104-13	Bridge repair/deck replacement	BRR	642	161
Subtotal				3,634	909

Table V-1
 FY 2012 Annual Element
 (costs in \$1,000's)

Project Name	Project ID	Project Type	Funding Source	Federal Funds	Matching Funds
<u>Harford County</u>					
Watervale Road Bridge # 63	15-0404-13	Bridge repair/deck replacement	BRR	140	160
Harford Creamery Road Bridge # 104	15-0405-13	Bridge repair/deck replacement	BRR	300	110
Carrs Mill Road Bridge #216	15-0701-13	Bridge repair/deck replacement	BRR	40	10
Prospect Road Bridge #217	15-1104-13	Bridge repair/deck replacement	BRR	140	35
Bridge Inspection Program	15-9411-14	Bridge inspections	BRR	0	50
Subtotal				620	365
<u>Howard County</u>					
Bridge Repairs/Deck Replacement	16-0436-13	Bridge repair/deck replacement	BRR	80	120
Subtotal				80	120
<u>Regional - MTA</u>					
Bus Replacement	40-0009-05	Fleet improvement	5307C	6,198	1,550
			CMAQ	28,088	7,022
Bus & Rail System Preservation & Improvement	40-0015-64	Preservation and improvements	5307O	8,566	2,142
			5309F	5,299	1,325
Small Urban Transit Systems - Operating Assistance	40-0104-61	Operating assistance	5307O	425	213
New Freedom Program	40-0801-69	Other	5317	791	396

Table V-1
 FY 2012 Annual Element
 (costs in \$1,000's)

Project Name	Project ID	Project Type	Funding Source	Federal Funds	Matching Funds
<u>Regional - MTA</u> (continued)					
Light Rail Mid-Life Overhaul	40-1001-64	Preservation and improvements	5307C	4,247	1,062
			5309F	8,735	2,184
			CMAQ	3,610	903
Rural Transit Systems - Operating Assistance	40-9204-61	Operating assistance	5311O	526	263
Small Urban Transit Systems - Capital	40-9502-05	Fleet improvement	5307C	597	149
Ridesharing - Baltimore Region	40-9901-01	Ridesharing	CMAQ	2,357	0
Job Access And Reverse Commute Program	40-9909-69	Other	5316	1,167	584
Subtotal				70,606	17,793
<u>Anne Arundel County - MTA</u>					
Local Bus & Facilities - Annapolis	41-1101-63	Fleet improvement	5307C	429	107
Subtotal				429	107
<u>Baltimore City - MTA</u>					
Mobility Bus Implementation	42-1001-69	Other	CMAQ	1,755	439
Subtotal				1,755	439

Table V-1
 FY 2012 Annual Element
 (costs in \$1,000's)

Project Name	Project ID	Project Type	Funding Source	Federal Funds	Matching Funds
<u>Regional - SHA</u>					
Areawide Recreational Trails Program	60-0101-38	Environmental other	RTP	400	100
Morgan State University	60-0702-99	Miscellaneous	Other	45	0
Areawide Bridge Replacement And Rehabilitation	60-9310-13	Bridge repair/deck replacement	BRR	26,100	5,200
			IM	300	50
			LB	4,600	900
			NHS	600	325
			STP	500	100
			STIM	3,000	600
Areawide Resurfacing And Rehabilitation	60-9501-11	Road resurfacing/rehabilitation	IM	11,300	1,100
			NHS	7,500	1,500
			STIM	7,200	1,400
			STP	18,800	4,100
Areawide Congestion Management	60-9504-04	Traffic engineering	CMAQ	2,100	400
			NHS	1,000	200
			STIM	500	100
Areawide Environmental Projects	60-9506-38	Environmental other	NHS	1,300	300
			STIM	400	100
			STP	3,200	600
Areawide Safety And Spot Improvements	60-9508-19	Other	CMAQ	1,500	0

HSIP 5,900 1,200

Table V-1
 FY 2012 Annual Element
 (costs in \$1,000's)

Project Name	Project ID	Project Type	Funding Source	Federal Funds	Matching Funds
<u>Regional - SHA</u> (continued)					
Areawide Safety And Spot Improvements (continued)	60-9508-19	Other	IM	1,800	200
			NHS	9,400	1,900
			STP	25,800	5,200
			STIM	4,200	800
Areawide Urban Reconstruction	60-9511-19	Other	STP	1,300	300
Areawide Enhancement Projects	60-9903-29	Other	ENH	3,100	600
Subtotal				141,845	27,275
<u>Anne Arundel County - SHA</u>					
MD 295: I-695 to I-195	61-0501-41	Roadway widening	1702	34	11
			NHS	2,104	526
MD 175: MD 295 to MD 170	61-0605-41	Roadway widening	1702	858	242
MD 175: Intersection Improvements between MD 32 and I-95	61-0802-39	Other	1702	3,457	0
			NHS	18,565	552
			PLH	2,753	0
Subtotal				27,771	1,331

Table V-1
 FY 2012 Annual Element
 (costs in \$1,000's)

Project Name	Project ID	Project Type	Funding Source	Federal Funds	Matching Funds
<u>Baltimore County - SHA</u>					
I-695: Bridge at MD 139	63-0801-13	Bridge repair/deck replacement	1702	840	237
			IM	9,983	18
I-695: Bridge at MD 26	63-0804-13	Bridge repair/deck replacement	BRR	7,306	78
US 40, Baltimore National Pike	63-1104-13	Bridge repair/deck replacement	BRR	6,184	57
US 40 (Pulaski Highway) Revitalization	63-1105-09	Other ERS	Other	130	33
I-695 Bridge over Wilkens Avenue	63-1201-13	Bridge repair/deck replacement	BRR	8,008	0
MD 144 over I-695	63-1202-13	Bridge repair/deck replacement	BRR	5,418	94
I-695: I-83 (JFX) to I-95	63-9305-41	Roadway widening	IM	123	177
Subtotal				37,992	694
<u>Harford County - SHA</u>					
US 40 at MD 715	65-0803-46	New interchange	1702	5,415	0
			PLH	4,057	0
			STP	1,145	0
BRAC Related Intersections near Aberdeen Proving Ground	65-0804-39	Other	NHS	6,026	200
			PLH	1,000	0
MD 24: south of Sharon Road to north of Stirrup Run Culvert	65-1101-12	Road reconstruction	STP	0	2,992
Subtotal				17,643	3,192

Table V-1
 FY 2012 Annual Element
 (costs in \$1,000's)

Project Name	Project ID	Project Type	Funding Source	Federal Funds	Matching Funds
<u>Howard County - SHA</u>					
US 1: Baltimore Co. to Prince George's Co. Line	66-0501-19	Other	1702	47	13
US 29, Columbia Pike (Phase I)	66-1101-41	Roadway widening	1702	1,459	0
Subtotal				1,506	13
<u>Regional - MARC</u>					
MARC Halethorpe Station Parking Expansion	70-0201-02	Park-and-ride lots	5307C	4,938	1,235
			5309F	405	101
Subtotal				5,343	1,336
<u>Regional - Baltimore Metropolitan Council</u>					
CMAQ Areawide	80-0801-09	Other ERS	CMAQ	1,000	200
Subtotal				1,000	200
<u>Baltimore City - Office of the Secretary</u>					
Baltimore and Potomac Tunnel	92-1101-99	Miscellaneous	HSIPR	15,000	0
Subtotal				15,000	0
GRAND TOTAL				462,998	105,501

Table V-2: 2012 – 2015 Annual Elements

Funding Source	1702	5307C	5307O	5309B	5309F	5311O	5316	5317	BRR	CMAQ	ENH	HSIP	HSIPR	IM	LB	NHCB	NHS	Other	PLH	RTP	STIM	STP	Total
Available Funding	16,300	16,600	9,600	600	14,800	600	1,200	800	102,000	50,000	3,800	5,900	15,000	23,600	13,000	1,300	61,000	20,000	7,900	600	15,300	85,000	464,900

Summary of the FY 2012 Federal-Aid Annual Element
(costs in \$1,000's)

Jurisdiction/Agency	1702	5307C	5307O	5309B	5309F	5311O	5316	5317	BRR	CMAQ	ENH	HSIP	HSIPR	IM	LB	NHCB	NHS	Other	PLH	RTP	STIM	STP	Total
Anne Arundel County									1,162						2,425								3,587
Baltimore City	4,100			570					41,680	8,570				3,120			14,150	19,480				33,665	125,335
Baltimore County									1,680						5,952	1,220							8,852
Carroll County									3,634														3,634
Harford County									620														620
Howard County									80														80
County	4,349																20,669		2,753				27,771
SHA - Baltimore County	840								26,916					10,106				130					37,992
SHA - Harford County	5,415																6,026		5,057			1,145	17,643
SHA - Howard County	1,506																						1,506
SHA - Regional									26,100	3,600	3,100	5,900		13,400	4,600		19,800	45		400	15,300	49,600	141,845
Council										1,000													1,000
MTA - Commuter Rail		4,938			405																		5,343
MTA - Transit		11,471	8,991		14,034	526	1,167	791		35,810													72,790
Office of the Secretary													15,000										15,000
Total	16,210	16,409	8,991	570	14,439	526	1,167	791	101,872	48,980	3,100	5,900	15,000	26,626	12,977	1,220	60,645	19,655	7,810	400	15,300	84,410	462,998

Summary of the FY 2013 Federal-Aid Annual Element
(costs in \$1,000's)

Jurisdiction/Agency	1702	5307C	5307O	5309B	5309F	5311O	5316	5317	BRR	CMAQ	ENH	HSIP	HSIPR	IM	LB	NHCB	NHS	Other	PLH	RTP	STIM	STP	Total
Anne Arundel County																							0
Baltimore City									20,500	1,200				3,120			2,150	15,000				27,005	68,975
Baltimore County									1,200						2,960								4,160
Carroll County									828														828
Harford County									550														550
Howard County									750														750
SHA - Anne Arundel County	780																10,139						10,919
SHA - Baltimore County	780								26,255					3,380									30,415
SHA - Harford County																	5,227		735			7,996	13,958
SHA - Howard County	3,159																						3,159
SHA - Regional									201,000	2,300	3,100	5,900		14,300	4,600		16,175			400	1,300	47,400	296,475
Baltimore Metropolitan Council																							0
MTA - Commuter Rail																							0
MTA - Transit		14,426	6,036		14,034	526	1,167	791		36,655													73,635
Office of the Secretary													20,000										20,000
Total	4,719	14,426	6,036	0	14,034	526	1,167	791	251,083	40,155	3,100	5,900	20,000	20,800	7,560	0	33,691	15,000	735	400	1,300	82,401	523,824

Summary of the FY 2014 Federal-Aid Annual Element

(costs in \$1,000's)

Jurisdiction/Agency	1702	5307C	5307O	5309B	5309F	5311O	5316	5317	BRR	CMAQ	ENH	HSIP	HSIPR	IM	LB	NHCB	NHS	Other	PLH	RTP	STIM	STP	Total
Anne Arundel County																							0
Baltimore City									43,800	1,200				3,120			3,500					32,255	83,875
Baltimore County									3,400						8,920								12,320
Carroll County									120														120
Harford County									820														820
Howard County																							0
SHA - Anne Arundel County	1,602																						1,602
SHA - Baltimore County	771								6,420														7,191
SHA - Harford County																						7,624	7,624
SHA - Howard County																							0
SHA - Regional									13,100	1,600	3,200	5,900		10,200	4,600		10,950			400		30,600	80,550
Baltimore Metropolitan Council																							0
MTA - Commuter Rail																							0
MTA - Transit		14,728	6,474		14,702	526	1,167	791		35,320													73,708
Office of the Secretary													20,000										20,000
Total	2,373	14,728	6,474	0	14,702	526	1,167	791	67,660	38,120	3,200	5,900	20,000	13,320	13,520	0	14,450	0	0	400	0	70,479	287,810

Summary of the FY 2015 Federal-Aid Annual Element

(costs in \$1,000's)

Jurisdiction/Agency	1702	5307C	5307O	5309B	5309F	5311O	5316	5317	BRR	CMAQ	ENH	HSIP	HSIPR	IM	LB	NHCB	NHS	Other	PLH	RTP	STIM	STP	Total
Anne Arundel County																							0
Baltimore City									16,700	1,200				3,120			8,280					20,575	49,875
Baltimore County															9,080								9,080
Carroll County									832														832
Harford County									3,220														3,220
Howard County																							0
SHA - Anne Arundel County																							0
SHA - Baltimore County																							0
SHA - Harford County																							0
SHA - Howard County																							0
SHA - Regional									27,500	3,500	6,800	11,800		21,800	9,300		23,425			400		66,200	170,725
Baltimore Metropolitan Council																							0
MTA - Commuter Rail																							0
MTA - Transit		4,042	14,708		14,034	526	1,167	791		23,624													58,892
Office of the Secretary													4,000										4,000
Total	0	4,042	14,708	0	14,034	526	1,167	791	48,252	28,324	6,800	11,800	4,000	24,920	18,380	0	31,705	0	0	400	0	86,775	296,624

Funding Source	1702	5307C	5307O	5309B	5309F	5311O	5316	5317	BRR	CMAQ	ENH	HSIP	HSIPR	IM	LB	NHCB	NHS	Other	PLH	RTP	STIM	STP	Total
Total Requested Funds	23,302	49,605	36,209	570	57,209	2,104	4,668	3,164	468,867	155,579	16,200	29,500	59,000	85,666	52,437	1,220	140,491	34,655	8,545	1,600	16,600	324,065	1,571,256

Exhibit V-1

Comparison of Total Costs of Projects in the 2010, 2011 and 2012 TIP

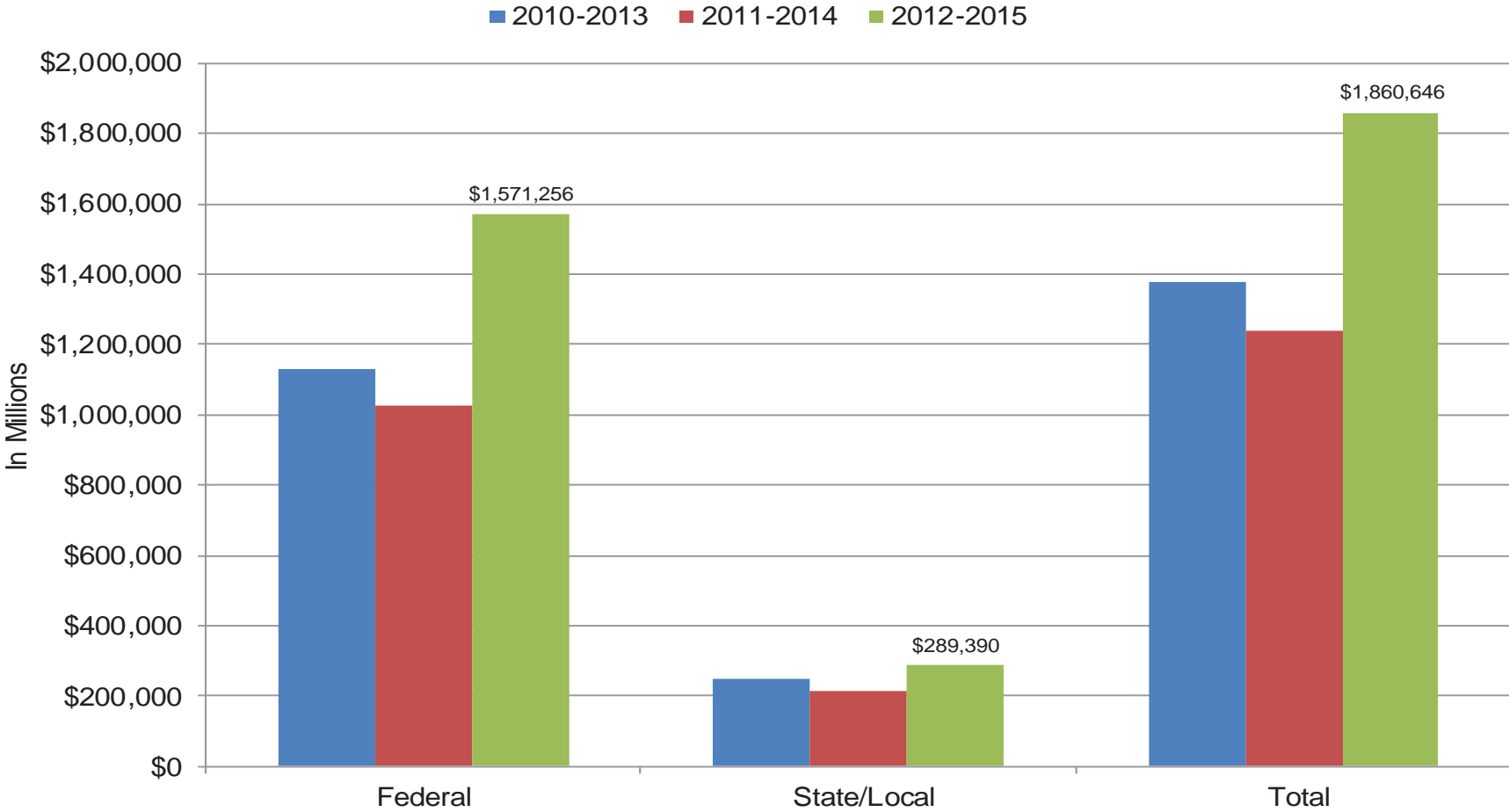


Exhibit V-2

Summary of the 2012 Annual Element By Project Listings

Number of Projects by Percentage

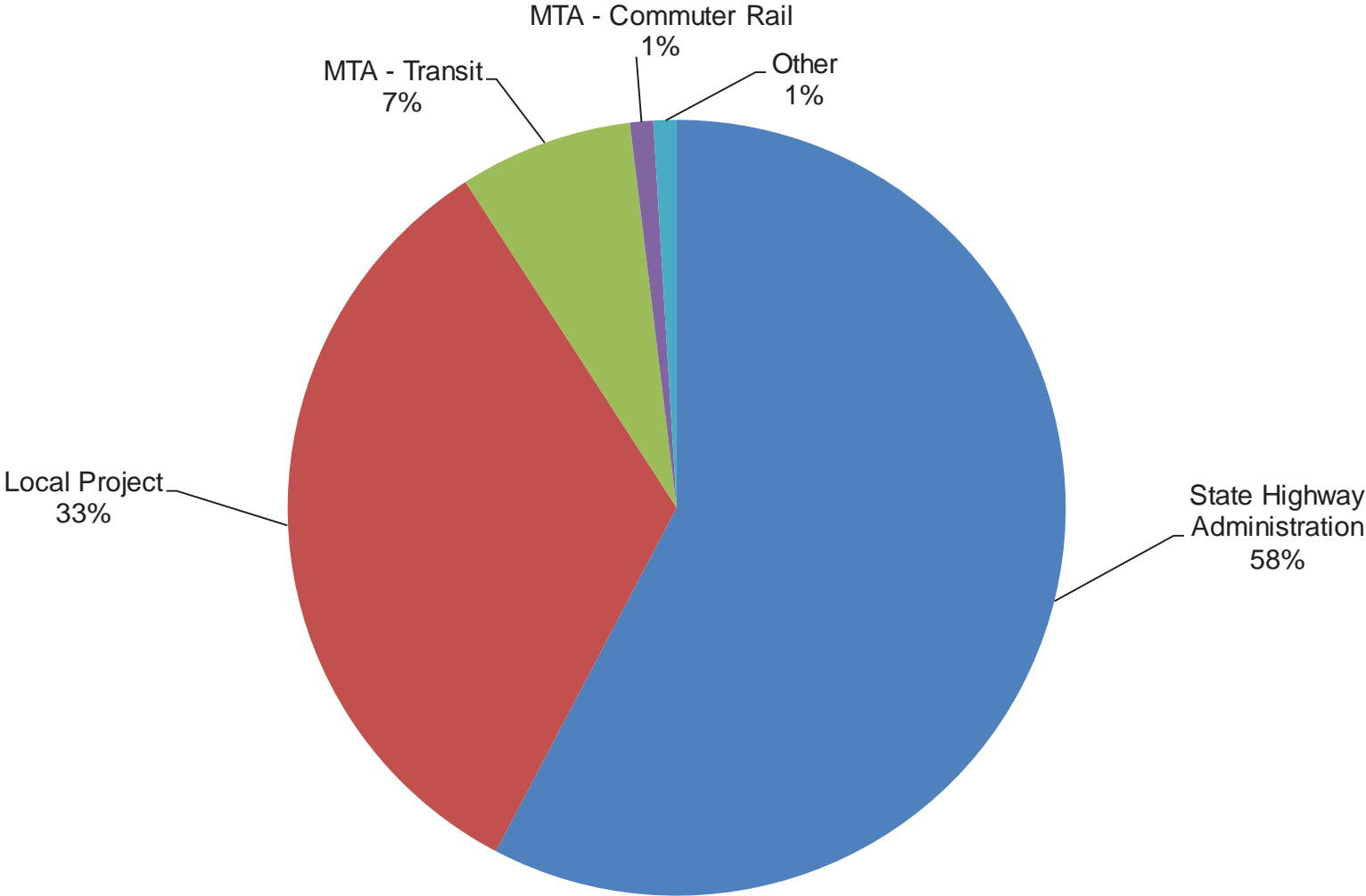


Exhibit V-2

Summary of the 2012 Annual Element By Project Listings
Distribution of Federal Fund Requests by Implementing Agencies

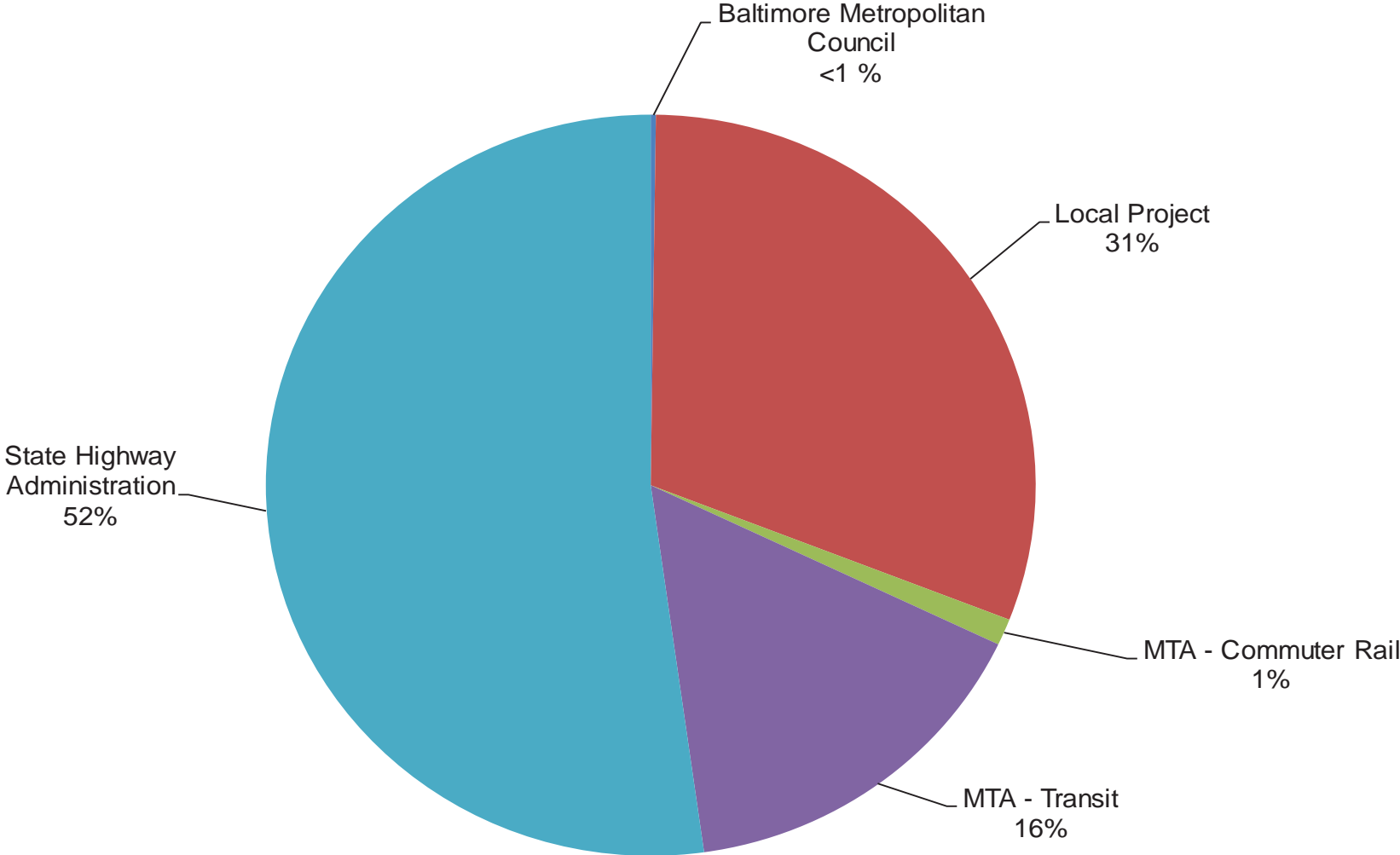


Exhibit V-3

Summary of the 2012 Annual Element By Project Type

Percent of Projects by Project Category

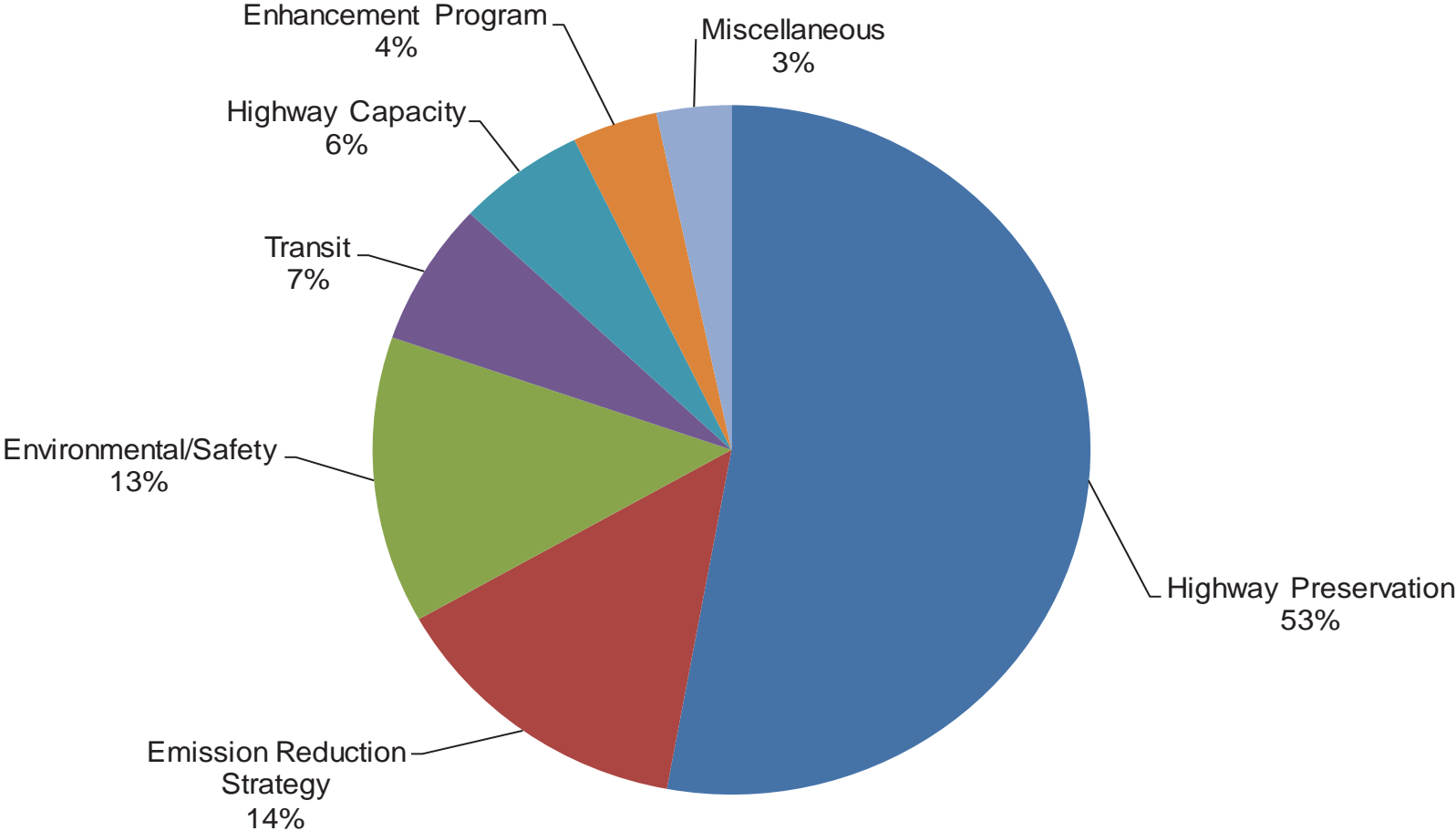


Exhibit V-3

Summary of the 2012 Annual Element By Project Type

Percent of Federal Funds by Project Category

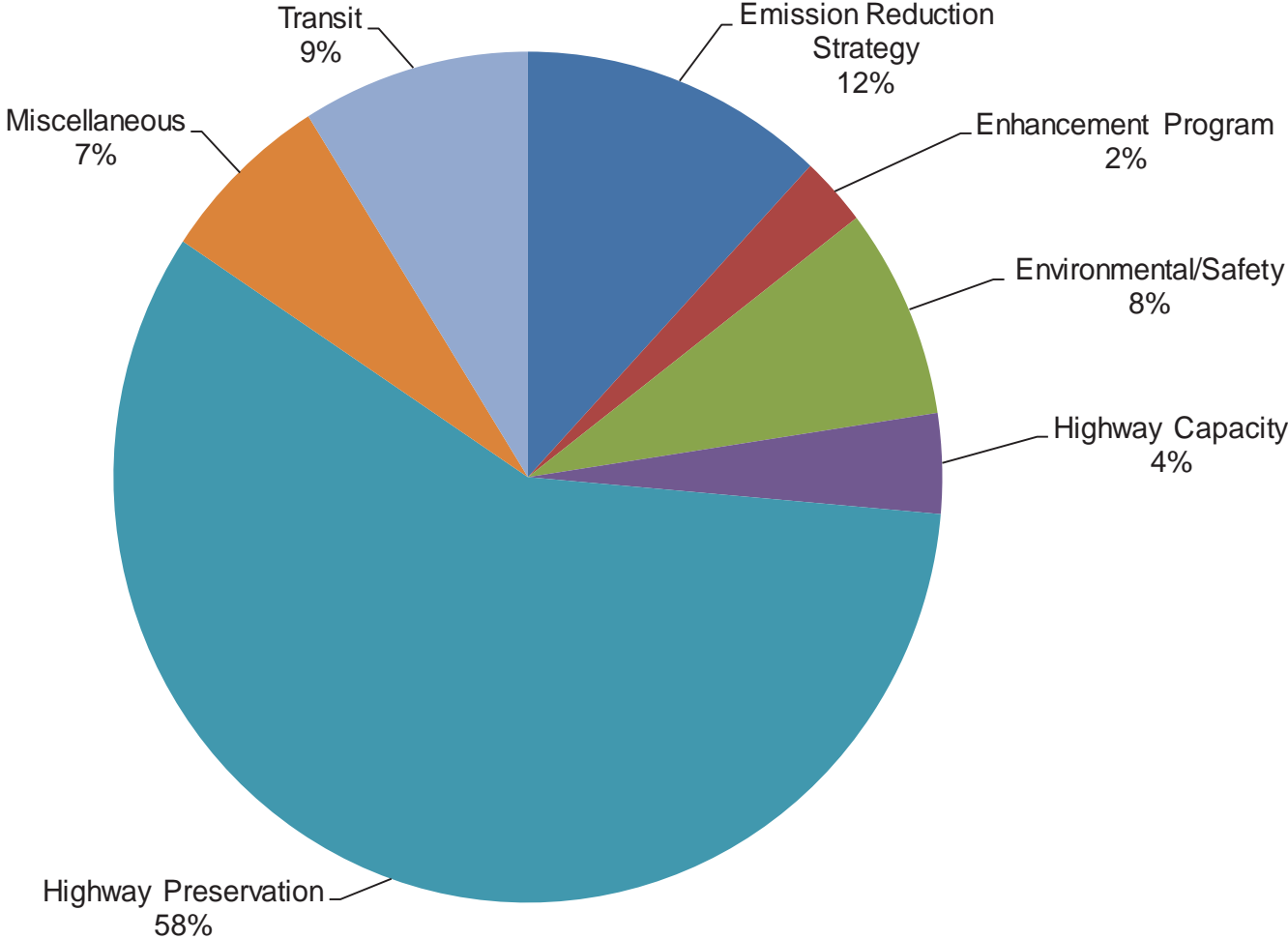


Exhibit V-4

Summary of the 2012 Annual Element by Fund Source

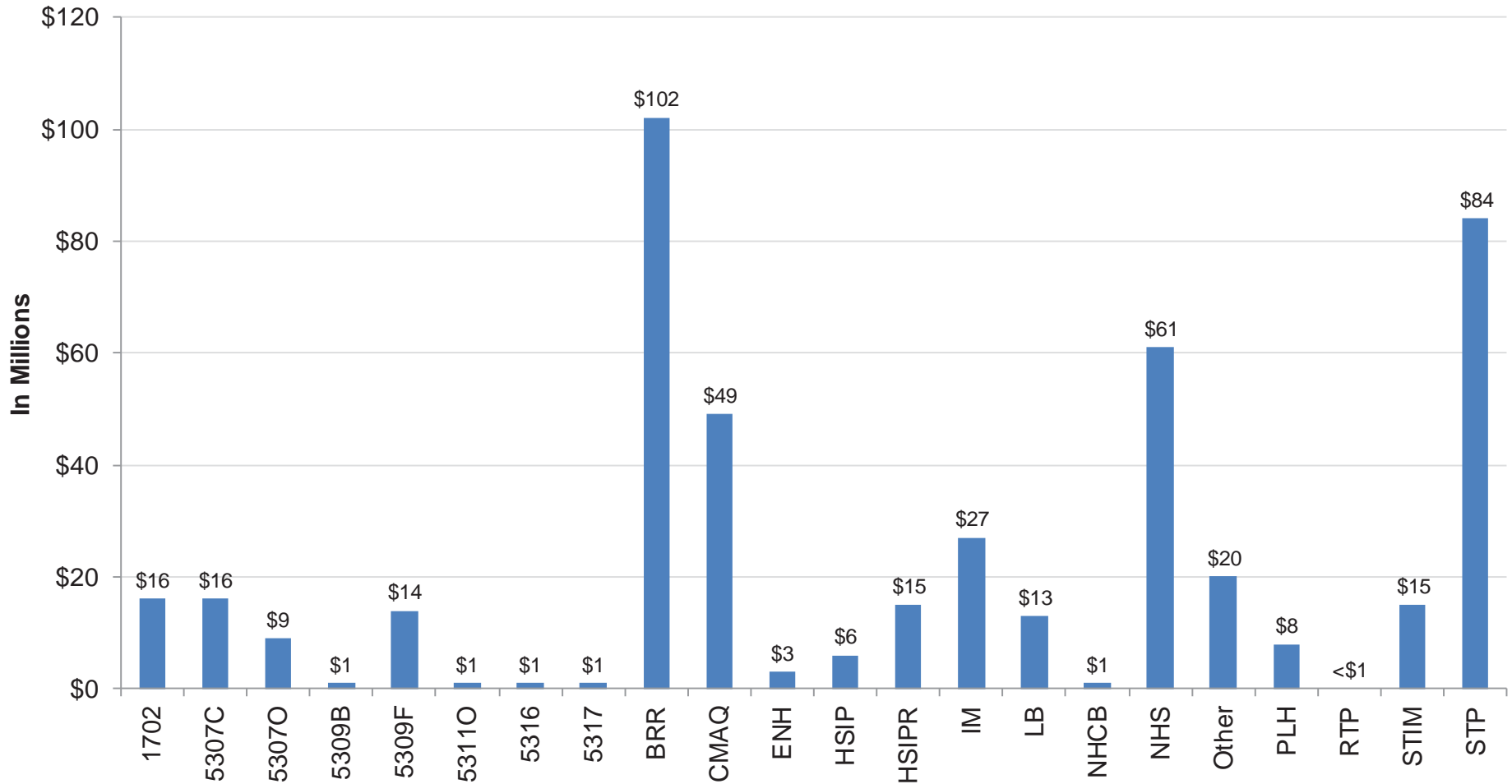


Exhibit V-5

Summary of the 2012 Annual Element by Fund Source

Percent of Federal Funds

