

V. THE FINANCIAL PLAN

This section of the TIP includes the documentation of reasonably available finances that demonstrates how this TIP, once approved, can be implemented. In developing the TIP, the MPO members, MDOT, and state (MTA) and local transit operator(s) have cooperatively developed estimates of funds that are reasonably expected to be available to support TIP implementation. The revenue and cost estimates for the TIP reflect year of expenditure dollars, based on reasonable financial principles and information as described here.

The state and federal financial forecast that supports the TIP is based on a six-year Financial Plan developed by MDOT that is updated semi-annually. The plan forecasts revenues and expenditures using the latest available economic estimates from two national forecasting companies. The revenue projections used in the latest update of the Maryland Transportation Trust Fund forecast

are, in the short-term, based on a continuation of moderate growth in the national economy; and, in the long-term, expected to follow a normal cyclical pattern around an overall upward trend. User revenues are payments made by “customers” of transportation infrastructure and services; and as such, the long-term growth pattern follows the trend in state population. The estimate includes estimates from: the motor vehicle fuel tax, motor vehicle titling tax, motor vehicle registration (and miscellaneous and other fees), corporate income tax, operating revenues; bond proceeds; and federal aid (as identified later in the section). A summary of available federal funds in FY 2008 and their allocation by fund source to implementing agencies is included here. The project listings provide specific requests by fund source and identify the source of the matching funds. Included in an appendix are letters that document availability of matching funds from project sponsors.

For purposes of transportation operations and maintenance, we include system-level estimates of costs and revenue sources that are reasonably expected to be available to adequately operate and maintain Federal-aid highways and public transportation.

Keeping our transportation system safe and in good condition are top priorities of the BRTB and of MDOT. While there are needs for expanding capacity, preservation of the existing system is an ongoing necessity; roads must be re-paved, safety improvements made, aging bridges rehabilitated, and buses and trains repaired or replaced. Specifically, at a system level, the commitment to maintain and operate the system represents approximately 74% of all available revenue.

A. Documentation of Financial Capacity for Transit Activities

On March 30, 1987, the FTA issued circular 7008.1. This circular states that FTA will assess the

financial capacity of applicants for Sections 5307 and 5309 funding on the basis of overall current financial condition and future financial capability. In response to FTA's requirement, the TIP provides evidence of satisfactory financial capacity from agencies and local jurisdictions seeking Sections 5307 and 5309 funding. All transit projects are reflected under the MTA headings, however documentation of local match for transit projects is provided. This information is included in Appendix B.

The Maryland Transit Administration

The MTA, as a modal administration under the MDOT, derives financial capacity through Maryland's Transportation Trust Fund. The fund is credited with transportation-related receipts, including proceeds of motor vehicle titling and fuel taxes, a portion of the State's corporation income tax, registration fees for motor vehicles, bus and rail fares, port fees and airport revenues, together with bond and note proceeds, federal funds and other receipts. Capital expenditures are financed from net

revenues of the Department, federal grants and the proceeds of sales of Consolidated Transportation Bonds.

City of Annapolis

Matching funds for the City's transit projects are provided by the City and the State of Maryland. The City's portion of the local match is provided through the Off-Street Parking Fund. Documentation and approval of the local funds are contained in the City of Annapolis operating Budget and Capital Improvement Program (CIP). The State portion of the match is provided through the Transportation Trust Fund.

Harford County

State and local matching funds have been committed for Harford County transit services. State funds are provided through the Transportation Trust Fund; local funds are dedicated in the County Office of Aging budget.

Howard County

State and local matching funds have also been committed for Howard County transit services. Adequate matching funds in the form of bonds and local revenues are available to match TIP projects.

B. FY 2008 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 2008 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 2008 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 2008 Annual Element. Exhibit V-1 graphically displays a comparison of

total project costs between fiscal years 2006, 2007 and 2008 of the TIP. Exhibit V-2 graphically displays a summary of the FY 2008 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 2008 Annual Element by fund source as total dollar amounts. Exhibit V-5 displays a summary of the FY 2008 Annual Element by fund source and by percentage of total dollar amount.

Table V-1
FY 2008 Annual Element
(cost in \$1,000's)

<u>Project Name</u>	<u>Project ID</u>	<u>Project Type</u>	<u>Funding Source</u>	<u>Federal Funds</u>	<u>Matching Funds</u>
<u>Baltimore City</u>					
Harford Road Bridge	12-0001-13	Bridge repair/deck replacement	BRR	400	100
Road Resurfacing - Federal Aid Program	12-0207-11	Road resurfacing/rehabilitation	STP	3,840	960
Pennington Avenue Drawbridge Over Curtis Creek	12-0403-19	Other	1602	7,500	0
Jones Falls Trail	12-0409-03	Bicycle/pedestrian facilities	STP	0	250
Russell Street Gateway Reconstruction	12-0421-11	Road resurfacing/rehabilitation	STP	2,600	0
Eastern Avenue Resurfacing And Streetscape	12-0427-11	Road resurfacing/rehabilitation	STP	0	300
Russell Street Gateway Rehabilitation	12-0429-11	Road resurfacing/rehabilitation	STP	4,000	1,000
Calvert Street Rehabilitation And Streetscape	12-0512-11	Road resurfacing/rehabilitation	STP	0	170
Traffic Surveillance Camera Expansion	12-0518-04	Traffic engineering	STP	800	200
Traffic Signal Timing Optimization	12-0519-04	Traffic engineering	STP	800	200
Dundalk Avenue Streetscape	12-0601-11	Road resurfacing/rehabilitation	STP	0	275
Sinclair Avenue Bridge at CSX	12-0604-13	Bridge repair/deck replacement	BRR	0	300
York Road Rehabilitation	12-0606-11	Road resurfacing/rehabilitation	STP	0	750
Park Heights Avenue Resurfacing	12-0613-11	Road resurfacing/rehabilitation	STP	0	1,000

<u>Project Name</u>	<u>Project ID</u>	<u>Project Type</u>	<u>Funding Source</u>	<u>Federal Funds</u>	<u>Matching Funds</u>
Baltimore City Bicycle Routes	12-0614-03	Bicycle/pedestrian facilities	CMAQ	0	1,055
Chesapeake Avenue Phase II	12-0706-12	Road reconstruction	STP	2,000	0
Traffic Signal Replacement - Project Management & Inspection	12-0709-04	Traffic engineering	STP	0	200
Calvert Street Streetscape - Baltimore to Monument	12-0718-11	Road resurfacing/rehabilitation	STP	0	170
Madison Avenue - Howard to Calvert	12-0721-11	Road resurfacing/rehabilitation	STP	0	150
Reversible Lane System Replacement	12-0723-19	Other	STP	0	180
Broening Highway	12-0725-12	Road reconstruction	STP	0	2,500
Resurfacing of Hanover St. - Hanover Bridge. to Frankfurst Ave	12-0802-11	Road resurfacing/rehabilitation	STP	1,600	400
North Ave. (US 1) SAFETEA-LU	12-0803-11	Road resurfacing/rehabilitation	1602	480	120
Traffic Signal Reconstruction	12-0806-04	Traffic engineering	STP	250	50
Jones Fall Greenway Phase V: Cylburn to Mt. Washington	12-0807-25	Bicycle/pedestrian facility	ENH	0	250
Fort McHenry ATPPL - Parking	12-0810-99	Miscellaneous	5320	292	0
Fort McHenry ATPPL - Transit Study	12-0811-99	Miscellaneous	5320	72	0
Argonne Drive Bridge Over Herring Run	12-9805-13	Bridge repair/deck replacement	BRR	4,800	1,200
Traffic Detector Upgrade Program	12-9807-09	Other ERS	STP	400	100
Subtotal				29,834	11,880

<u>Project Name</u>	<u>Project ID</u>	<u>Project Type</u>	<u>Funding Source</u>	<u>Federal Funds</u>	<u>Matching Funds</u>
<u>Baltimore County</u>					
Dogwood Road Bridge Over Bens Run	13-0001-13	Bridge repair/deck replacement	BRR	150	170
Marlyn Avenue Bridge # 77 Over Deep Creek	13-0101-13	Bridge repair/deck replacement	BRR	250	350
Mt. Vista Road Bridge # 225	13-0409-13	Bridge repair/deck replacement	BRR	50	100
Thornton Mill Rd. Bridge No. 193	13-0703-13	Bridge repair/deck replacement	BRR	430	10
Eagle Mill Road Bridge #117	13-0801-13	Bridge repair/deck replacement	BRR	200	130
Mohrs Lane Bridge #143	13-0803-13	Bridge repair/deck replacement	BRR	400	200
Harris Mill Road Bridge #191	13-0804-13	Bridge repair/deck replacement	BRR	100	120
Subtotal				1,580	1,080
<u>Carroll County</u>					
Silver Run Valley Road Bridge over Big Silver Run	14-0402-13	Bridge repair/deck replacement	BRR	163	41
Bollinger Road Bridge Over Beaver Run	14-0601-13	Bridge repair/deck replacement	BRR	365	92
Subtotal				528	133

<u>Project Name</u>	<u>Project ID</u>	<u>Project Type</u>	<u>Funding Source</u>	<u>Federal Funds</u>	<u>Matching Funds</u>
<u>Harford County</u>					
Southampton Road Bridge #47	15-0201-13	Bridge repair/deck replacement	BRR	800	200
Thomas Run Road Bridge # 34	15-0403-13	Bridge repair/deck replacement	BRR	80	20
Harford Creamery Road Bridge # 104	15-0405-13	Bridge repair/deck replacement	BRR	355	115
Carrs Mill Road Bridge #216	15-0701-13	Bridge repair/deck replacement	BRR	120	30
Bridge Inspection Program	15-9411-14	Bridge inspections	BRR	0	60
Subtotal				1,355	425
<u>Howard County</u>					
Transit Operations & Maintenance Facility	16-0201-66	New bus facilities	1602	486	474
Bridge Repairs/Deck Replacement	16-0436-13	Bridge repair/deck replacement	BRR	530	30
US 40 Corridor Improvements	16-0539-25	Bicycle/pedestrian facility	ENH	0	250
Subtotal				1,016	754
<u>Regional</u>					
Bus Replacement	40-0009-05	Fleet improvement	5309B	1,370	343
Bus Replacement	40-0009-05	Fleet improvement	CMAQ	25,601	6,400

<u>Project Name</u>	<u>Project ID</u>	<u>Project Type</u>	<u>Funding Source</u>	<u>Federal Funds</u>	<u>Matching Funds</u>
Bus & Rail System Preservation & Improvement	40-0015-64	Preservation and improvements	5307O	2,477	619
Small Urban Transit Systems - Operating Assistance	40-0104-61	Operating assistance	5307O	650	650
Baltimore Green Line	40-0601-69	Other	5307C	2,793	698
Baltimore Red Line	40-0602-69	Other	5309N	96,840	24,210
Metro Station Fire Management Systems (SCADA)	40-0603-39	Other	5307C	7,564	1,891
Metro Station Fire Management Systems (SCADA)	40-0603-39	Other	5309F	9,416	2,354
New Freedom Fund	40-0801-69	Other	5317	650	100
Rural Transit Systems - Operating Assistance	40-9204-61	Operating assistance	5311O	277	440
Rural Transit Systems - Capital	40-9501-05	Fleet improvement	5311C	104	13
Small Urban Transit Systems - Capital	40-9502-05	Fleet improvement	5307C	830	104
Local Bus Replacement - Baltimore Region	40-9507-05	Fleet improvement	5309B	2,565	641
Ridesharing - Baltimore Region	40-9901-01	Ridesharing	CMAQ	467	117
Job Access And Reverse Commute Program	40-9909-69	Other	5316	880	440
Subtotal				152,484	39,020
<u>Regional</u>					
Areawide Recreational Trails Program	60-0101-38	Environmental other	RTP	880	220
Areawide Bridge Replacement And Rehabilitation	60-9310-13	Bridge repair/deck replacement	BRR	30,400	7,600
Areawide Bridge Replacement And Rehabilitation	60-9310-13	Bridge repair/deck replacement	IM	4,000	1,000
Areawide Bridge Replacement And Rehabilitation	60-9310-13	Bridge repair/deck replacement	NHS	1,600	400
Areawide Bridge Replacement And Rehabilitation	60-9310-13	Bridge repair/deck replacement	STP	1,600	400

<u>Project Name</u>	<u>Project ID</u>	<u>Project Type</u>	<u>Funding Source</u>	<u>Federal Funds</u>	<u>Matching Funds</u>
Areawide Resurfacing And Rehabilitation	60-9501-11	Road resurfacing/rehabilitation	IM	21,600	5,400
Areawide Resurfacing And Rehabilitation	60-9501-11	Road resurfacing/rehabilitation	NHS	22,400	5,600
Areawide Resurfacing And Rehabilitation	60-9501-11	Road resurfacing/rehabilitation	STP	38,400	9,600
Areawide Congestion Management	60-9504-04	Traffic engineering	CMAQ	10,400	2,600
Areawide Congestion Management	60-9504-04	Traffic engineering	STP	20,000	5,000
Areawide Environmental Projects	60-9506-38	Environmental other	NHS	1,600	400
Areawide Environmental Projects	60-9506-38	Environmental other	STP	2,400	600
Areawide Safety And Spot Improvements	60-9508-19	Other	IM	1,600	400
Areawide Safety And Spot Improvements	60-9508-19	Other	NHS	1,600	400
Areawide Safety And Spot Improvements	60-9508-19	Other	STP	20,000	5,000
Areawide Urban Reconstruction	60-9511-19	Other	NHS	1,600	400
Areawide Urban Reconstruction	60-9511-19	Other	STP	5,600	1,400
Areawide Enhancement Projects	60-9903-29	Other	ENH	10,400	2,600
Subtotal				196,080	49,020
<u>Anne Arundel County</u>					
MD 3, US 50 to MD 32	61-0105-41	Roadway widening	NHS	70	100
MD 295, MD 100 to I-195	61-0501-19	Roadway widening	NHS	560	700
MD 295, Baltimore Washington Parkway	61-0501-41	Roadway widening	1602	1,656	2,123
MD 295, Baltimore Washington Parkway	61-0501-41	Roadway widening	NHS	2,435	3,109
MD 175, MD 295 to MD 170	61-0603-45	Roadway widening	1602	910	1,167
Broadneck Peninsula Trail	61-0701-03	Bicycle/pedestrian facilities	1602	600	600
South Shore Trail	61-070203	Bicycle/pedestrian facilities	1602	800	800

<u>Project Name</u>	<u>Project ID</u>	<u>Project Type</u>	<u>Funding Source</u>	<u>Federal Funds</u>	<u>Matching Funds</u>
Patuxent Research Refuge Road	61-0703-11	Road resurfacing/rehabilitation	1602	1,500	1,500
US 50, John Hanson Highway – MD 70 to MD 2	61-1001-42	New or extending roadways	NHS	0	500
Subtotal				8,531	10,599
Fort McHenry Visitors Center/Parking	62-0634-99	Miscellaneous	1602	11,060	2,765
Intersection Improvements for University of Maryland	62-0701-99	Miscellaneous	1602	2,000	500
Coppin State University Pedestrian Bridge and Garage	62-0702-99	Miscellaneous	1602	2,640	660
Subtotal				15,700	3,925
<u>Baltimore County</u>					
MD 43 Extended	63-0107-42	New or extended roadways	STP	895	1,567
MD 45: Cavan Drive to Ridgely Road	63-0501-42	New or extended roadways	1602	1,956	2,508
MD 45: Cavan Drive to Ridgely Road	63-0501-42	New or extended roadways	STP	2,078	2,472
Greater Towson Area Traffic Study	63-0701-29	Other	1602	160	40
I-695, Bridge at MD 139	63-0801-13	Bridge repair/deck replacement	1602	3,480	982
I-695, Bridge at MD 139	63-0801-13	Bridge repair/deck replacement	IM	740	317
MD 140 from Garrison View Rd. to N. of Owings Mills Blvd.	63-0802-41	Roadway widening	NHS	0	7,165
I-795 Northwest Expressway	63-0803-46	New interchange	IM	0	500
Subtotal				9,309	15,551

<u>Project Name</u>	<u>Project ID</u>	<u>Project Type</u>	<u>Funding Source</u>	<u>Federal Funds</u>	<u>Matching Funds</u>
<u>Carroll County</u>					
MD 30 Relocated, Hampstead Bypass	64-0102-42	New or extended roadways	1602	316	405
MD 30 Relocated, Hampstead Bypass	64-0102-42	New or extended roadways	NHS	15,978	25,737
MD 140, Baltimore Boulevard	64-0801-41	Roadway widening	NHS	0	313
MD 26, Liberty Road	64-0802-19	Other	5339	0	500
Subtotal				16,294	26,955
<u>Harford County</u>					
Perryman Access Study	65-0801-42	New or extended roadways	5339	0	180
US 40, Pulaski Highway	65-0802-11	Road resurfacing/rehabilitation	NHS	1,841	2,136
US 40, Pulaski Highway	65-0803-46	New interchange	1602	2,670	3,499
Subtotal				4,511	5,815
<u>Howard County</u>					
US 1, Washington Boulevard	66-0501-19	Other	STP	240	300
MD 32, Patuxent Freeway	66-0501-46	New interchange	1602	1,437	1,843
MD 32, Patuxent Freeway	66-0501-46	New interchange	NHS	9,148	11,728
I-70, Baltimore National Pike	66-0801-41	Roadway widening	IM	0	700
MD 32, Patuxent Freeway	66-0802-42	New or extended roadways	5339	0	600
MD 32, Patuxent Freeway	66-0803-46	New interchange	5339	0	1,000
Subtotal				10,825	16,171
<u>Regional</u>					
CSX & Amtrak Efficiency Improvements	70-0201-54	Preservation and improvements	5307C	1,000	250

<u>Project Name</u>	<u>Project ID</u>	<u>Project Type</u>	<u>Funding Source</u>	<u>Federal Funds</u>	<u>Matching Funds</u>
CSX & Amtrak Efficiency Improvements	70-0201-54	Preservation and improvements	5309F	1,667	417
MARC Maintenance, Layover & Storage Facilities	70-9509-55	Rehabilitation of facilities	5309F	907	227
Subtotal				3,574	894
<u>Baltimore City</u>					
MARC Riverside Facility Procurement	72-0801-56	New rail facilities	5309F	3,200	800
Subtotal				3,200	800
<u>Harford County</u>					
MARC Edgewood Station Improvements	75-0802-29	Other	5309F	117	29
Subtotal				117	29
<u>Regional</u>					
CMAQ Areawide	80-0801-09	Other ERS	CMAQ	1,000	0
Subtotal				1,000	0
<u>Regional</u>					
Baltimore Rail Tunnel Study	90-0701-99	Miscellaneous	1602	1,600	400
Subtotal				1,600	400
GRAND TOTAL				457,538	183,451

Table V-2
Summary of FY 2008 Federal-Aid Annual Element for the Baltimore Region

Table V-2
Summary of the FY 2008 Federal-Aid Annual Element
(costs in \$1,000's)

Fund Source	1602	5307C	5307O	5309B	5309F	5309N	5311C	5311O	5316	5317	5320	BRR	CMAQ	ENH	IM	NHS	RTP	STP	Total
Available Funds *	41,251	30,699	35,000	12,970	32,056	96,840	1,675	1,900	880	650	364	110,833	26,841	12,304	93,981	105,934	1,207	121,867	727,252
Jurisdiction/Agency	1602	5307C	5307O	5309B	5309F	5309N	5311C	5311O	5316	5317	5320	BRR	CMAQ	ENH	IM	NHS	RTP	STP	Total
Baltimore City	7,980										364	5,200						16,290	29,834
Baltimore County												1,580							1,580
Carroll County												528							528
Harford County												1,355							1,355
Howard County	486											530							1,016
SHA - Anne Arundel County	5,466															3,065			8,531
SHA - Baltimore City	15,700																		15,700
SHA - Baltimore County	5,596														740		2,078	895	9,309
SHA - Carroll County	316															15,978			16,294
SHA - Harford County	2,670															1,841			4,511
SHA - Howard County	1,437															9,148		240	10,825
SHA - Regional												30,400	10,400	10,400	27,200	28,800	880	88,000	196,080
Baltimore Metropolitan Council													1,000						1,000
MTA - Commuter Rail		1,000			5,891														6,891
MTA - Transit		11,187	3,127	3,935	9,416	96,840	104	277	880	650			26,068						152,484
Office of the Secretary	1,600																		1,600
Total	41,251	12,187	3,127	3,935	15,307	96,840	104	277	880	650	364	39,593	37,468	10,400	27,940	58,832	2,958	105,425	457,538

* Identification of available federal funds:

- to be posted when FTA information becomes available
 - assessment underway of FHWA Advance Notification of Federal-Aid Highway Funds for FY2008
- 5309N funds are SAFETEA-LU earmarked funds for the Baltimore Red and Green Lines

Exhibit V-1
Comparison of Total Costs of Projects in the 2006, 2007, and 2008 TIP

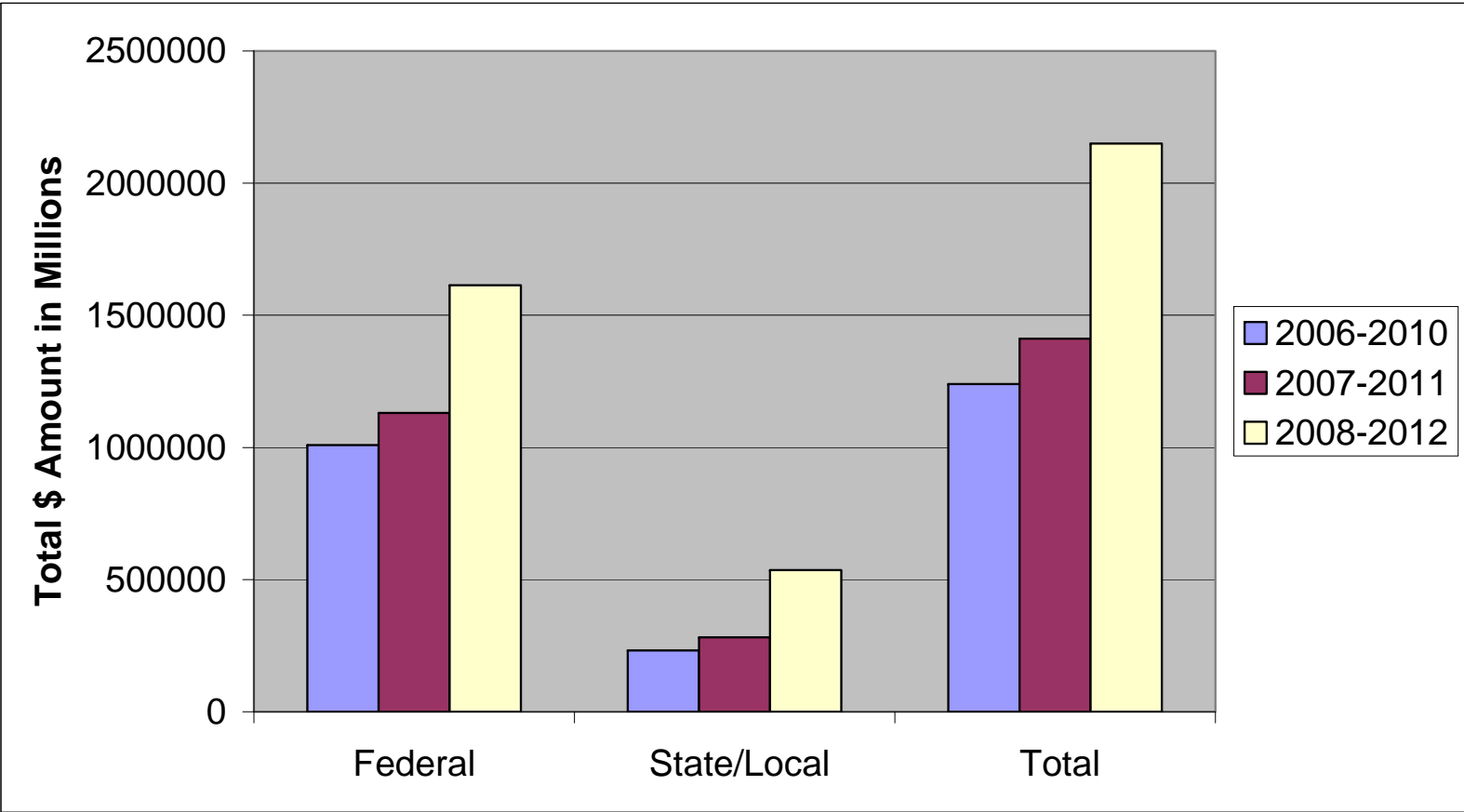


Exhibit V-2
Summary of the 2008 Annual Element By Project Listings

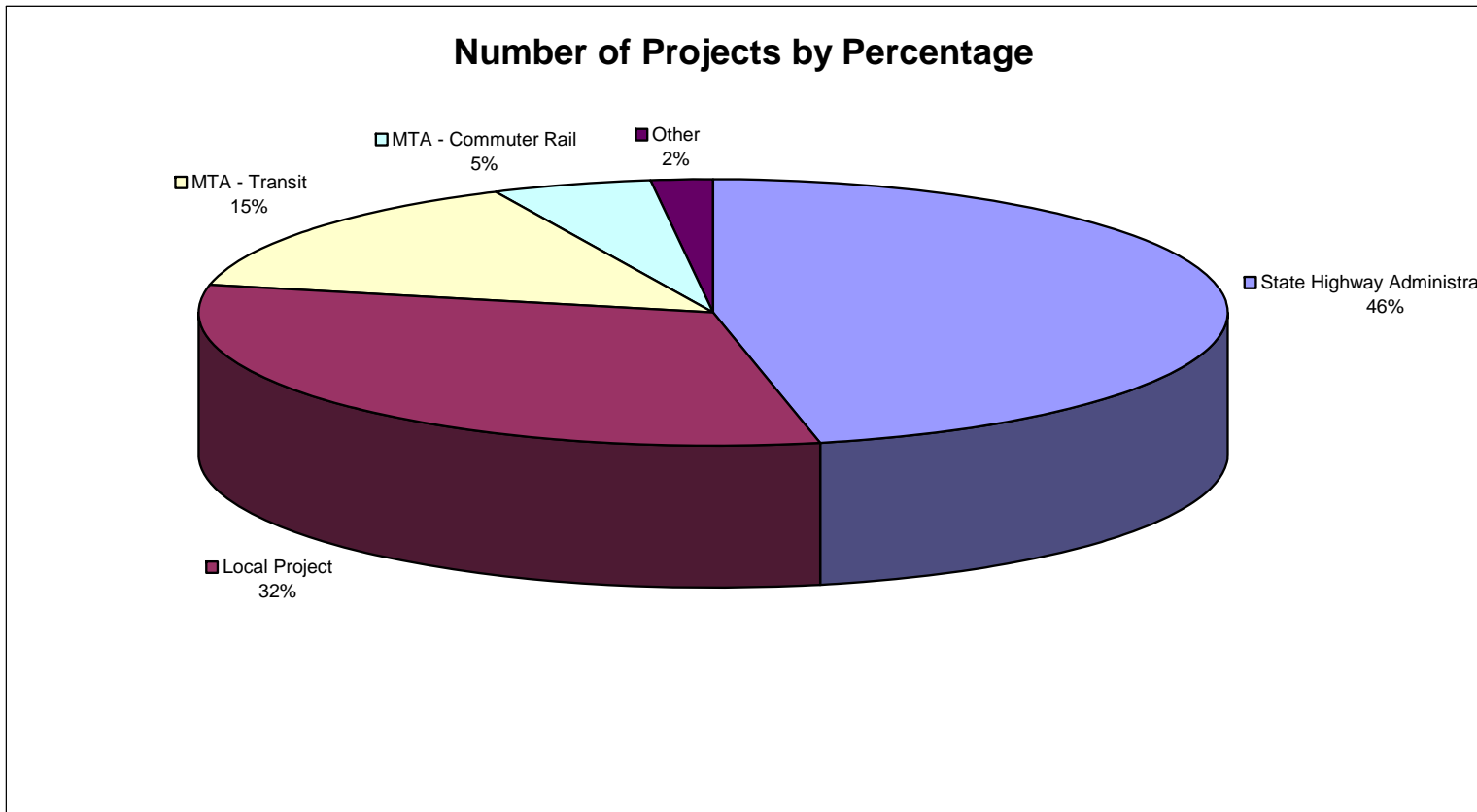


Exhibit V-2
Summary of the 2008 Annual Element By Project Listings

Percentage of Federal Funds

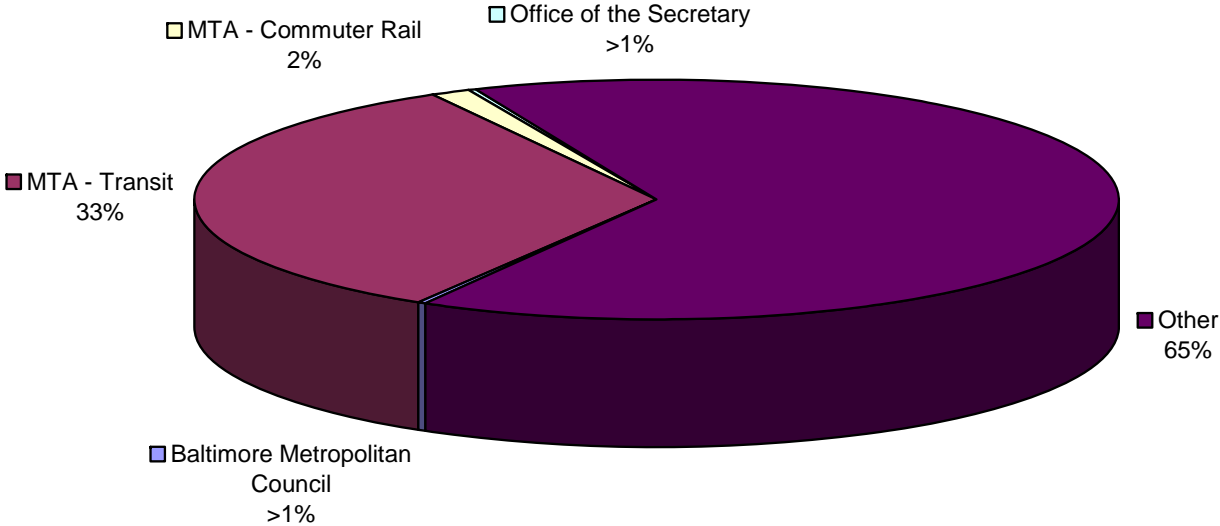


Exhibit V-3
Summary of the 2008 Annual Element By Project Type

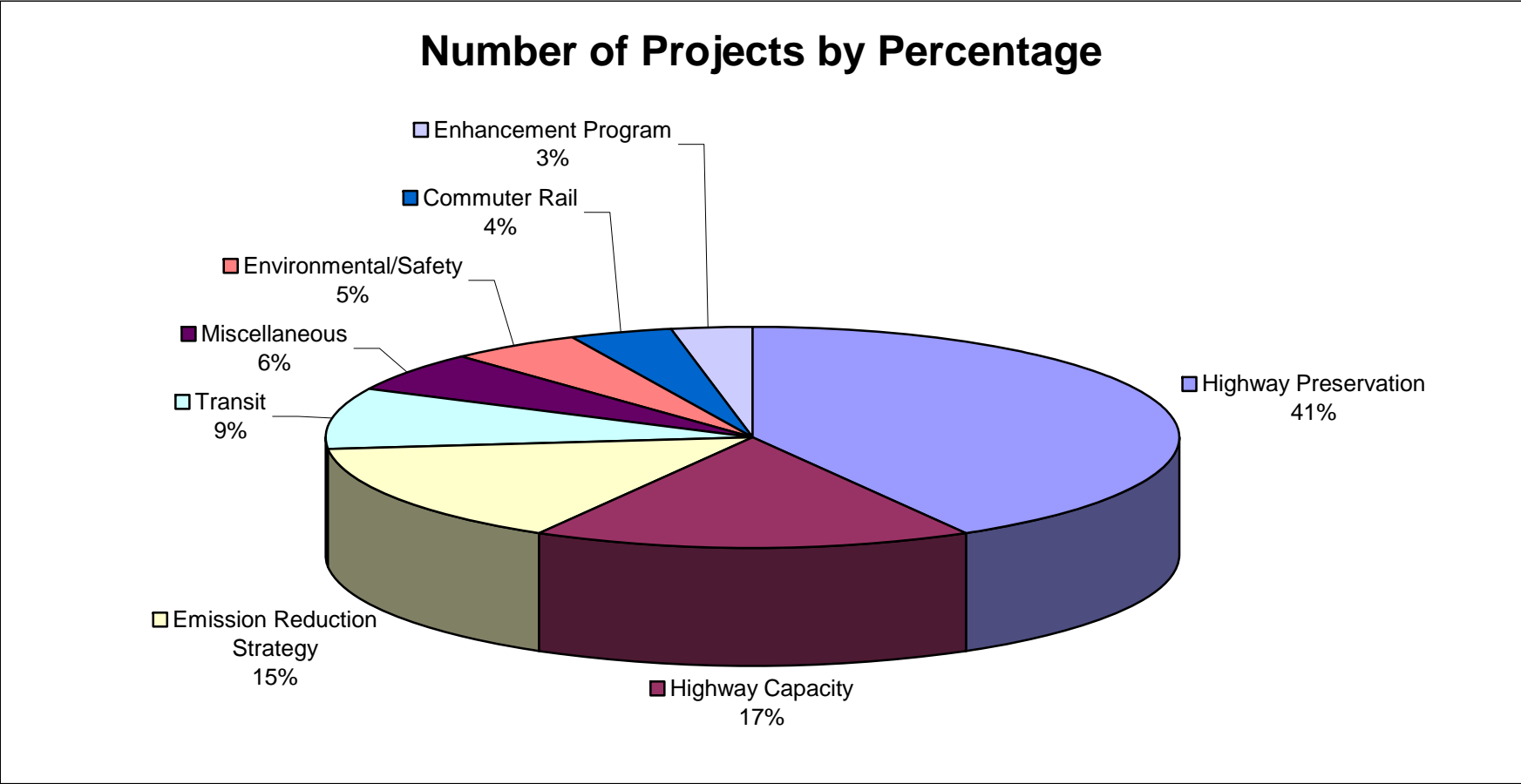


Exhibit V-3
Summary of the 2008 Annual Element By Project Type

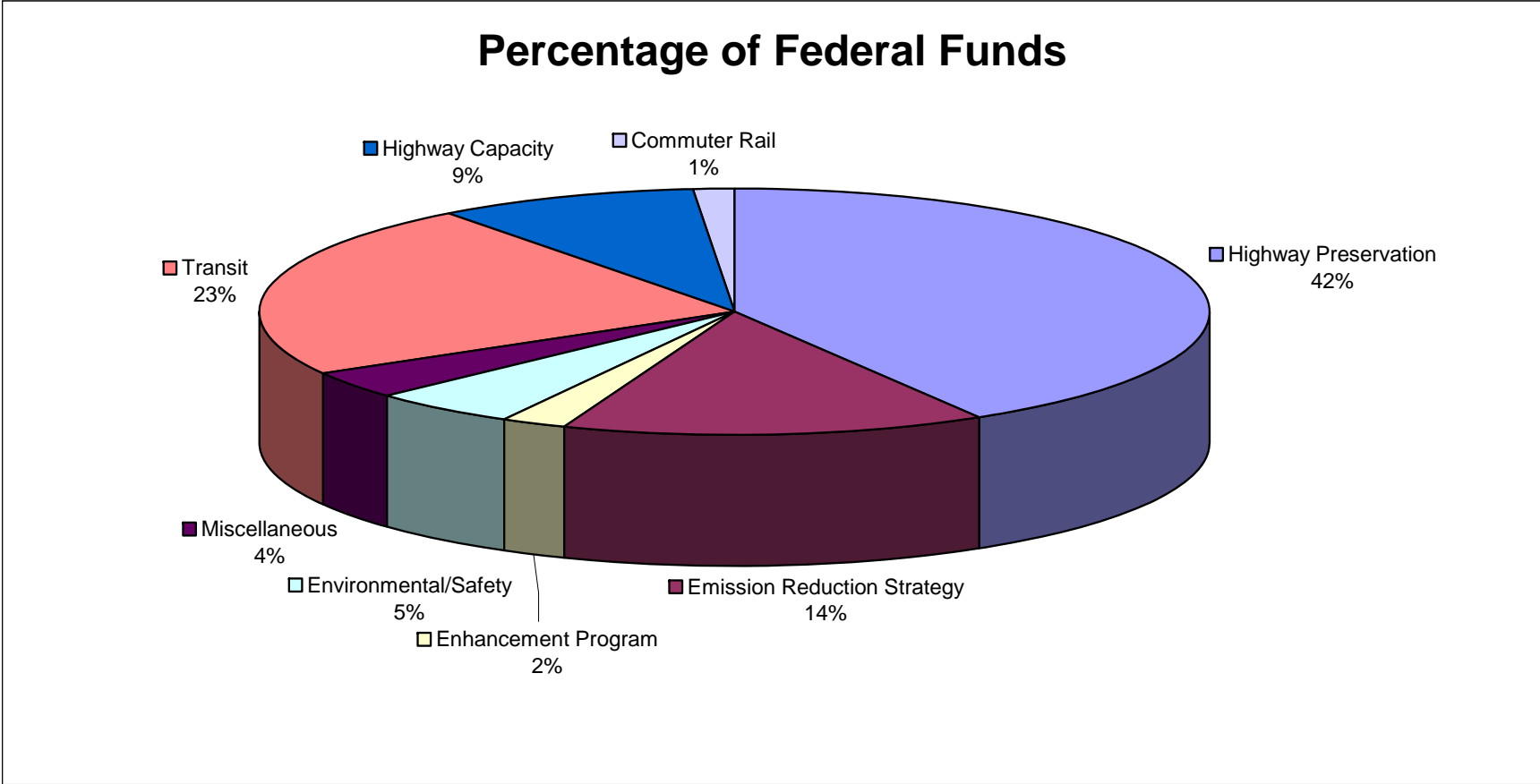
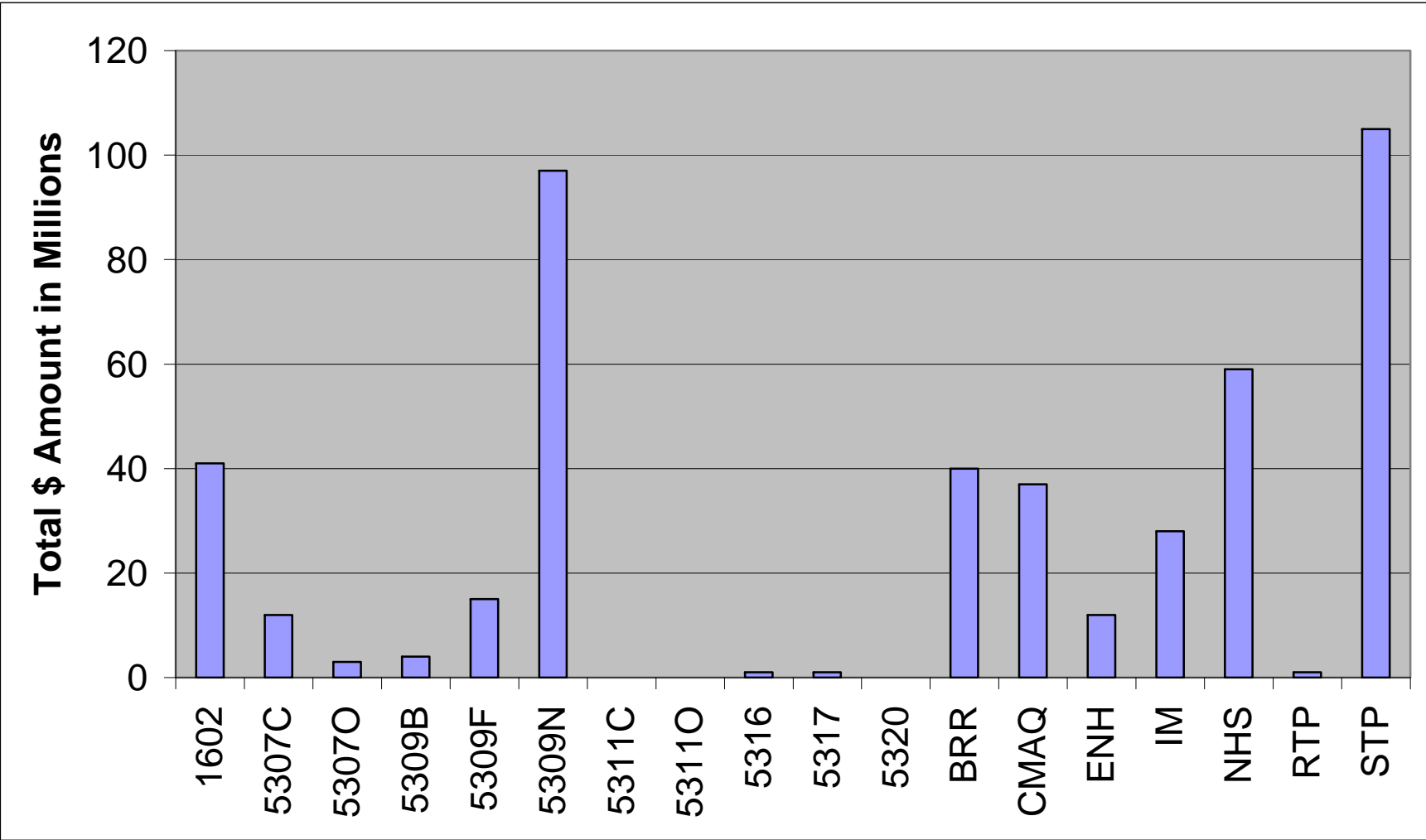


Exhibit V-4
Summary of the 2008 Annual Element By Fund Source



**Exhibit V-5
Summary of the 2008 Annual Element By Fund Source**

