

State Highway Administration

2005 - 2009 Transportation Improvement Program

State Highway Administration

Enhancement Program

Areawide Enhancement Projects

TIP Id #	60-9903-29	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Other
Project Category	Enhancement Program	Functional Class	NA
Conformity Status	Programmatically Conforming	Physical Data	NA
CIP/CTP Page#	NA		

Description	Justification
Enhancement Program projects include: pedestrian/bicycle facilities; acquisition of scenic easements and historic sites; scenic/historic highway programs; landscaping/beautification; historic preservation; rehabilitation/operation of historic transportation facilities, including railroad facilities and canals; preservation of abandoned railway corridors; archeological planning/research; and mitigation of water pollution due to highway runoff.	Transportation enhancements are projects which add community and environmental value to the transportation system.

Enhancement Funds under STP

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$5,000	\$1,250	\$7,670	\$1,918	\$3,670	\$918	\$7,330	\$1,833	\$29,589
OTH											\$0
PE			\$500	\$125	\$767	\$192	\$367	\$92	\$733	\$183	\$2,959
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$5,500	\$1,375	\$8,437	\$2,110	\$4,037	\$1,010	\$8,063	\$2,016	\$32,548

2005 - 2009 Transportation Improvement Program

State Highway Administration

Environmental/Safety

Areawide Recreational Trails Program

TIP Id #	60-0101-38	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Environmental other
Project Category	Environmental/Safety	Functional Class	NA
Conformity Status	Programmatically Conforming	Physical Data	NA
CIP/CTP Page#	NA		

Description	Justification
The Recreational Trails Program is intended to develop and maintain recreational trails for motorized and nonmotorized recreational trail users. It includes projects that provide for the redesign, reconstruction, non-routine maintenance, or relocation of recreational trails to benefit the natural environment.	These projects will provide environmental enhancement, protection and safety related to the use of recreational trails.

Recreational Trails Program

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$300	\$75	\$300	\$75	\$300	\$75	\$600	\$150	\$1,875
OTH											\$0
PE			\$33	\$8	\$33	\$8	\$33	\$8	\$67	\$17	\$207
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$333	\$83	\$333	\$83	\$333	\$83	\$667	\$167	\$2,082

2005 - 2009 Transportation Improvement Program

State Highway Administration

Environmental/Safety

Areawide Environmental Projects

TIP Id #	60-9506-38	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Environmental other
Project Category	Environmental/Safety	Functional Class	NA
Conformity Status	Programmatically Conforming	Physical Data	NA
CIP/CTP Page#	NA		

Description	Justification
There are non-capacity improvements which include projects dealing with noise abatement, wetlands, reforestation, landscape planting, scenic beautification, and pedestrian or bicycle facilities.	Will restore important wetlands, enhance the surrounding environment and community, and reduce noise impacts.

National Highway System

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$2,250	\$750	\$2,250	\$750	\$2,250	\$750	\$4,500	\$1,500	\$15,000
OTH											\$0
PE			\$225	\$75	\$225	\$75	\$225	\$75	\$450	\$150	\$1,500
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$2,475	\$825	\$2,475	\$825	\$2,475	\$825	\$4,950	\$1,650	\$16,500

Surface Transportation Program

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$2,403	\$600	\$2,403	\$600	\$2,403	\$600	\$4,770	\$1,193	\$14,972
OTH											\$0
PE			\$267	\$67	\$267	\$67	\$267	\$67	\$530	\$133	\$1,665
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$2,670	\$667	\$2,670	\$667	\$2,670	\$667	\$5,300	\$1,326	\$16,637

2005 - 2009 Transportation Improvement Program

State Highway Administration

Emission Reduction Strategy

Areawide Congestion Management

TIP Id #	60-9504-04	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Traffic engineering
Project Category	Emission Reduction Strategy	Functional Class	NA
Conformity Status	Programmatically Conforming	Physical Data	NA
CIP/CTP Page#	NA		

Description	Justification
<p>These improvements include the employment of variable message signs, video for traffic management (CCTV), traffic movement detectors, signal system coordination and remote timing, permanent congestion monitoring systems employed by the CHART program, deployment of local jurisdiction intelligent transportation system (ITS) projects.</p>	<p>These projects will improve safety and traffic flow operations on the existing highway system without major new construction. These projects will also save motorists time by allowing them to avoid traffic congestion. Some of the projects will reduce congestion through the use of ITS technology innovations in communication, advanced traffic management, traveler information, etc.</p> <p>*Supports regional M&O initiatives.</p>

Congestion Mitigation and Air Quality

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$6,750	\$1,690	\$6,750	\$1,690	\$6,750	\$1,690	\$18,000	\$4,500	\$47,820
OTH											\$0
PE			\$750	\$190	\$750	\$190	\$750	\$190	\$2,000	\$500	\$5,320
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$7,500	\$1,880	\$7,500	\$1,880	\$7,500	\$1,880	\$20,000	\$5,000	\$53,140

Surface Transportation Program

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$9,000	\$2,250	\$11,250	\$2,813	\$13,500	\$3,375	\$31,500	\$7,875	\$81,563
OTH											\$0
PE			\$1,000	\$250	\$1,250	\$313	\$1,500	\$375	\$3,500	\$875	\$9,063
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$10,000	\$2,500	\$12,500	\$3,126	\$15,000	\$3,750	\$35,000	\$8,750	\$90,626

2005 - 2009 Transportation Improvement Program

State Highway Administration

Highway Preservation

Areawide Bridge Replacement And Rehabilitation

TIP Id #	60-9310-13	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	NA
Conformity Status	Programmatically Conforming	Physical Data	NA
CIP/CTP Page#	NA		

Description	Justification
These are non-capacity improvements which include structural replacements, deck rehabilitation, superstructure replacements, parapet reconstruction, cleaning and painting, and general maintenance on various state owned bridges as needed in Anne Arundel, Baltimore, Carroll, Harford and Howard counties. A portion of this project may be funded using STP for cleaning and painting.	Will preserve the existing structures, increase safety, and improve highway beautification.

Bridge Replacement and Rehabilitation

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$8,100	\$2,025	\$10,530	\$2,633	\$10,530	\$2,633	\$20,970	\$5,243	\$62,664
OTH											\$0
PE			\$900	\$225	\$1,170	\$293	\$1,170	\$293	\$2,330	\$583	\$6,964
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$9,000	\$2,250	\$11,700	\$2,926	\$11,700	\$2,926	\$23,300	\$5,826	\$69,628

Interstate Maintenance

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$630	\$158	\$630	\$158	\$630	\$158	\$1,260	\$315	\$3,939
OTH											\$0
PE			\$70	\$18	\$70	\$18	\$70	\$18	\$140	\$35	\$439
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$700	\$176	\$700	\$176	\$700	\$176	\$1,400	\$350	\$4,378

Surface Transportation Program

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$1,800	\$450	\$1,800	\$450	\$1,800	\$450	\$4,500	\$1,125	\$12,375
OTH											\$0
PE			\$200	\$50	\$200	\$50	\$200	\$50	\$500	\$125	\$1,375
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$2,000	\$500	\$2,000	\$500	\$2,000	\$500	\$5,000	\$1,250	\$13,750

2005 - 2009 Transportation Improvement Program

State Highway Administration

Highway Preservation

Areawide Safety And Spot Improvements

TIP Id #	60-9508-19	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Other
Project Category	Highway Preservation	Functional Class	NA
Conformity Status	Programmatically Conforming	Physical Data	NA
CIP/CTP Page#	NA		

Description	Justification
These are non-capacity highway improvements which include projects dealing with bypass lanes, acceleration and deceleration lanes, turn lanes, rail crossings, safety improvements, pavement markers, and roundabouts. Other improvements such as slope repairs, drainage improvements, and joint sealings may be included incidental to other safety improvements.	Will improve safety and the flow of traffic, thereby reducing congestion and queuing.

Interstate Maintenance

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$630	\$158	\$630	\$158	\$630	\$158	\$2,700	\$675	\$5,739
OTH											\$0
PE			\$70	\$18	\$70	\$18	\$70	\$18	\$300	\$75	\$639
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$700	\$176	\$700	\$176	\$700	\$176	\$3,000	\$750	\$6,378

National Highway System

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$700	\$175	\$1,500	\$375	\$1,500	\$375	\$6,670	\$1,668	\$12,963
OTH											\$0
PE			\$70	\$18	\$170	\$43	\$170	\$43	\$667	\$169	\$1,350
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$770	\$193	\$1,670	\$418	\$1,670	\$418	\$7,337	\$1,837	\$14,313

Surface Transportation Program

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$4,203	\$1,051	\$7,200	\$1,800	\$7,497	\$1,874	\$15,030	\$3,758	\$42,413
OTH											\$0
PE			\$467	\$117	\$800	\$200	\$833	\$208	\$1,670	\$418	\$4,713
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$4,670	\$1,168	\$8,000	\$2,000	\$8,330	\$2,082	\$16,700	\$4,176	\$47,126

2005 - 2009 Transportation Improvement Program

State Highway Administration

Highway Preservation

Areawide Urban Reconstruction

TIP Id #	60-9511-19	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Other
Project Category	Highway Preservation	Functional Class	NA
Conformity Status	Programmatically Conforming	Physical Data	NA
CIP/CTP Page#	NA		

Description	Justification
These are non-capacity highway improvements which include projects dealing with drainage, curb and gutter, pavement milling and resurfacing, streetscape, signs, and markings and lighting improvements.	Will improve safety and the flow of traffic, thereby reducing delay, queuing and congestion. This will also enhance the surrounding environment and community.

National Highway System

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$693	\$173	\$693	\$173	\$693	\$173	\$1,500	\$375	\$4,473
OTH											\$0
PE			\$70	\$18	\$70	\$18	\$70	\$18	\$170	\$43	\$477
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$763	\$191	\$763	\$191	\$763	\$191	\$1,670	\$418	\$4,950

Surface Transportation Program

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$630	\$158	\$2,967	\$742	\$2,967	\$742	\$7,506	\$1,877	\$17,589
OTH											\$0
PE			\$70	\$18	\$330	\$83	\$330	\$83	\$834	\$209	\$1,957
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$700	\$176	\$3,297	\$825	\$3,297	\$825	\$8,340	\$2,086	\$19,546

2005 - 2009 Transportation Improvement Program

State Highway Administration

Highway Preservation

Areawide Resurfacing And Rehabilitation

TIP Id #	60-9501-11	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Road resurfacing/rehabilitation
Project Category	Highway Preservation	Functional Class	NA
Conformity Status	Programmatically Conforming	Physical Data	NA
CIP/CTP Page#	NA		

Description	Justification
These are non-capacity improvements which include milling, patching, sealing, and resurfacing existing deteriorated state roadways in Anne Arundel, Baltimore, Carroll, Harford, and Howard counties as needed.	Will improve safety and the flow of traffic. This project listing represents a large funding request for many small resurfacing projects throughout the Baltimore region. Project selection is based upon need and is subject to change.

Interstate Maintenance

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$5,400	\$1,350	\$8,730	\$2,183	\$8,100	\$2,025	\$15,030	\$3,758	\$46,576
OTH											\$0
PE			\$600	\$150	\$970	\$243	\$900	\$225	\$167	\$42	\$3,297
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$6,000	\$1,500	\$9,700	\$2,426	\$9,000	\$2,250	\$15,197	\$3,800	\$49,873

National Highway System

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$5,400	\$1,350	\$7,803	\$1,950	\$9,900	\$2,475	\$20,970	\$5,243	\$55,091
OTH											\$0
PE			\$600	\$150	\$867	\$217	\$1,100	\$275	\$2,330	\$583	\$6,122
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$6,000	\$1,500	\$8,670	\$2,167	\$11,000	\$2,750	\$23,300	\$5,826	\$61,213

Surface Transportation Program

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2005 Federal Funds	FY 2005 Matching Funds	FY 2006 Federal Funds	FY 2006 Matching Funds	FY 2007 Federal Funds	FY 2007 Matching Funds	FY 08-09 Federal Funds	FY 08-09 Matching Funds	Estimated Project Total
CON			\$7,470	\$1,868	\$11,430	\$2,858	\$15,030	\$3,758	\$39,303	\$9,826	\$91,543
OTH											\$0
PE			\$830	\$208	\$1,270	\$318	\$1,670	\$418	\$4,367	\$1,092	\$10,173
PP											\$0
ROW											\$0
Totals	\$0	\$0	\$8,300	\$2,076	\$12,700	\$3,176	\$16,700	\$4,176	\$43,670	\$10,918	\$101,716