

APPENDIX L – SHA Rural Projects (Statewide)



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GROUPED PROJECTS DETAILED DESCRIPTION

Areawide Bridge Replacement and Rehabilitation - This is an ongoing program to provide major upgrade and maintenance of structures on State highways. These are non-capacity improvements which may include but are not limited to structural replacements, deck rehabilitation, superstructure replacements, parapet reconstruction, cleaning and painting, and general maintenance on various state owned bridges.

Areawide Resurfacing and Rehabilitation - This is an ongoing program to provide periodic resurfacing and upgrading of auxiliary features on State highways. These are non-capacity improvements which may include but are not limited to milling, patching, sealing, and resurfacing of existing deteriorated state roadways. Other improvements such as ADA or guardrail may be included incidental to other resurfacing and rehabilitation improvements.

Areawide Congestion Management - This is an ongoing program to provide traffic control, management, and monitoring on State highways. These improvements may include but are not limited to the employment of variable message signs, video for traffic management (CCTV), traffic management detectors, signal systemization and remote timing, permanent congestion monitoring systems employed by the CHART program, deployment of local jurisdiction intelligent transportation system (ITS) projects, and the development of park and ride facilities.

Areawide Environmental – This is an ongoing program to provide environmental and aesthetic improvements on State highways. These are non-capacity improvements which may include but are not limited to projects dealing with noise abatement, wetlands, reforestation, landscape planting, scenic beautification, and pedestrian or bicycle facilities.

Areawide Safety and Spot - This is an ongoing program to provide localized improvements to address safety and/or operational issues on State highways. These are highway improvements which may include but are not limited to projects dealing with bypass lanes, acceleration and deceleration lanes, turn lanes, rail crossings, intersection realignment, geometric improvements, safety improvements including bridge, bicycle, and pedestrian safety improvements, pavement markers, ADA improvements, guardrails, and roundabouts. Other improvements such as slope repairs, drainage improvements, and joint sealing may be included incidental to other safety improvements.

Areawide Urban Reconstruction - This is an ongoing program to provide roadway rehabilitation and streetscape improvements on State highways in towns and urban areas. These are non-capacity highway improvements which may include but are not limited to projects dealing with drainage, curb and gutter, pavement milling and resurfacing, sidewalks, streetscape, signs, and markings and lighting improvements.

Areawide Transportation Alternatives – This is an ongoing program to expand travel choices and enhance the transportation experience by improving the cultural, historic, and environmental aspects of our transportation infrastructure. These projects may include but are not limited to pedestrian/bicycle facilities; rehabilitation of historic transportation facilities, including railroad facilities and canals; conversion and use of abandoned railway corridors; archeological activities related to transportation impacts; and mitigation of water pollution due to highway runoff. This program also includes Safe Routes to School and National Recreational Trails projects.

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Project Category	Project Type
1) ENVIRONMENTAL PROJECTS State Fund(s): 24, 25, 26, 49, 74, 82, 88	Landscaping Wildflower seeding Reforestation/tree planting Scenic beautification Rest areas Noise abatement Noise barriers (construction, retrofitting, rehabilitation) Noise berms (construction, retrofitting, rehabilitation) Environmental compliance Drainage improvements (areas of flooding, road closures) Total maximum daily load for stormwater management Bicycle retrofitting ADA improvements Recreational trails Pedestrian/bicycle improvements
1a) TRANSPORTATION ALTERNATIVES* State Fund(s): 25 <i>* separated for Baltimore and Washington regions only, otherwise included in Environmental Projects category</i>	Bicycle/pedestrian improvements Historic transportation facility rehabilitation Conversion/use of abandoned railway corridors Transportation-related archeological activities Highway runoff-related water pollution mitigation Safe Routes to School program National Recreational Trails projects Urban greenways Landscaping
2) SAFETY & SPOT IMPROVEMENTS State Fund(s): 23, 27, 30, 32, 33, 67, 75, 76, 78, 79, 80, 85, 87	Truck weigh stations Rest areas Crash prevention Guardrail improvements ADA improvements Drainage improvements Major storm damage repairs Slope repairs Sinkhole repairs Unforeseen roadway/bridge emergency repairs Safety improvements Intersection capacity improvements/realignment Geometric improvements Roundabouts Ramp modifications Railroad crossings Bypass lanes Acceleration/deceleration lanes Turn lanes Pavement marking Joint sealing Bridge inspection Safe Routes to School program

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Project Category	Project Type
3) RESURFACING & REHABILITATION State Fund(s): 77	Resurfacing Concrete patching Joint sealing Pavement marking Milling Patchwork ADA improvements Guardrail improvements
4) BRIDGE REPLACEMENT & REHABILITATION State Fund(s): 80	Substructure replacement/rehabilitation Superstructure replacement/rehabilitation Deck replacement/rehabilitation Deck overlay Parapet modification/reconstruction Painting (spot, comprehensive) Cleaning Bridge inspection
5) URBAN RECONSTRUCTION & REVITALIZATION State Fund(s): 83, 84	Pavement reconstruction (milling, resurfacing) Drainage reconstruction Pavement marking Bicycle/pedestrian improvements ADA improvements Sidewalks Curbs and gutters Streetscaping Street furniture Signage Lighting Landscaping Urban amenity improvements
6) CONGESTION MANAGEMENT State Fund(s): 81, 86	Variable message signs Traffic management video (CCTV) Traffic management detectors Signal systematization/remote timing Permanent CHART congestion monitoring systems Local jurisdiction ITS deployment Park-and-ride lots (construction, expansion, lighting)

SHA CTP NON-METROPOLITAN PROJECTS

Project Name	County Name	STIP Number	Program	Project Description	Phase	PROJECT CASH FLOW (in \$000s)								Federal Details
							Expended Thru 2013	Current Year 2014	Budget Year 2015	2016	2017	2018	2019	
MD 272, Mauldin Ave	Cecil	CE4461	CO	Replace Bridge 7036 over Amtrak. Shoulders and sidewalks will accommodate bicycles and pedestrians.	Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Engineering	\$ 3,273	\$ 2,021	\$ 1,252	\$ -	\$ -	\$ -	\$ -	\$ -	BR/BH 80/20; BR 80/20; NHPP 80/20
					Right-of-Way	\$ 1,196	\$ -	\$ 514	\$ 682	\$ -	\$ -	\$ -	\$ -	STP 80/20
					Construction	\$ 12,671	\$ 82	\$ 815	\$ 5,684	\$ 5,238	\$ 852	\$ -	\$ -	BR 80/20; UT 80/20; BR 80/20; NHPP 80/20
					Total	\$ 17,140	\$ 2,103	\$ 2,581	\$ 6,366	\$ 5,238	\$ 852	\$ -	\$ -	
					Federal Aid	\$ 13,409	\$ 1,638	\$ 2,041	\$ 4,979	\$ 4,086	\$ 665	\$ -	\$ -	
MD 2/4, Solomons Island Road	Calvert	CA4131 CA4133	D&E	Upgrade MD 2/4, from south of MD 765 to north of Stoakley Road, excluding the MD 231 intersection, to a 6 lane divided highway with auxiliary lanes (3.29 miles). Sidewalks will be included where appropriate. Wide curb lanes will accommodate bicycles.	Planning	\$ 1,972	\$ 1,972	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	NHS 80/20
					Engineering	\$ 4,539	\$ 1,739	\$ 500	\$ 1,100	\$ 1,200	\$ -	\$ -	\$ -	NHS 100/0
					Right-of-Way	\$ 13,918	\$ 644	\$ 10	\$ 500	\$ 7,500	\$ 5,264	\$ -	\$ -	
					Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Total	\$ 20,429	\$ 4,355	\$ 510	\$ 1,600	\$ 8,700	\$ 5,264	\$ -	\$ -	
					Federal Aid	\$ 4,373	\$ 1,573	\$ 500	\$ 1,100	\$ 1,200	\$ -	\$ -	\$ -	
MD 261, Willows Road	Calvert	CA4801	CO	Replace Bridge 0401101 over Fishing Creek. Shoulders will accommodate bicycles and pedestrians.	Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Engineering	\$ 1,966	\$ 1,512	\$ 454	\$ -	\$ -	\$ -	\$ -	\$ -	BR 80/20; UT TCST (Toll Credit STP) 100%
					Right-of-Way	\$ 4,933	\$ -	\$ 2,638	\$ 2,295	\$ -	\$ -	\$ -	\$ -	STP 80/20
					Construction	\$ 22,879	\$ -	\$ 4,083	\$ 12,986	\$ 5,810	\$ -	\$ -	\$ -	STP 70/30
					Total	\$ 29,778	\$ 1,512	\$ 7,175	\$ 15,281	\$ 5,810	\$ -	\$ -	\$ -	
					Federal Aid	\$ 22,504	\$ 1,155	\$ 5,811	\$ 11,471	\$ 4,067	\$ -	\$ -	\$ -	
MD 261, Bay Avenue	Calvert	CAXX	PE	Elevate Roadway from AA County Line to 9th Street; Project associated with Army Corps of Engineers project for North Beach	Planning	\$ -	\$ 500	\$ 100	\$ 400	\$ -	\$ -	\$ -	\$ -	
					Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	BR 80/20; UT TCST (Toll Credit STP) 100%
					Right-of-Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	STP 80/20
					Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	STP 70/30
					Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Federal Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
MD 4, Solomons Island Road	Calvert & St. Mary's	SM 3511; SM 3512	D&E	Study to upgrade MD 4 between MD 2 and MD 235, including the Thomas Johnson Bridge and MD 235 intersection (2.91 miles). Sidewalks will be provided where appropriate for pedestrians. Shoulders, wide curb lanes and a parallel trail system will accommodate bicycles and pedestrians. Project will fall into NEW MPO's area.	Planning	\$ 5,035	\$ 3,938	\$ 250	\$ 377	\$ 470	\$ -	\$ -	\$ -	NHS 80/20 and 100/0; SURTRANS 100/0
					Engineering	\$ 15,000	\$ -	\$ 500	\$ 3,750	\$ 3,750	\$ 3,750	\$ 1,875	\$ 1,375	
					Right-of-Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Total	\$ 20,035	\$ 3,938	\$ 750	\$ 4,127	\$ 4,220	\$ 3,750	\$ 1,875	\$ 1,375	
					Federal Aid	\$ 4,152	\$ 3,055	\$ 250	\$ 377	\$ 470	\$ -	\$ -	\$ -	
MD 404, Shore Highway	Caroline, Queen Anne's & Talbot	AW8961	D&E	Upgrade existing MD 404 to a 4 lane divided highway with access controls from US 50 to MD 404 Business (11.83 miles). Shoulders will accommodate bicycles and pedestrians.	Planning	\$ 559	\$ 559	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Engineering	\$ 14,986	\$ 4,886	\$ 300	\$ 2,400	\$ 3,500	\$ 2,900	\$ 1,000	\$ -	NHS 80/20; STP DEMO 80/20; HP 80/20
					Right-of-Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Total	\$ 15,545	\$ 5,445	\$ 300	\$ 2,400	\$ 3,500	\$ 2,900	\$ 1,000	\$ -	
					Federal Aid	\$ 12,468	\$ 4,388	\$ 240	\$ 1,920	\$ 2,800	\$ 2,320	\$ 800	\$ -	
MD 404, Shore Highway	Caroline & Queen Anne's	AW8962	CO	Upgrade existing MD 404 from west of MD 309 to Cemetery Road (Phase 1B) (1.09 miles). Shoulders will accommodate bicycles and pedestrians.	Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Engineering	\$ 3,017	\$ 2,601	\$ 300	\$ 116	\$ -	\$ -	\$ -	\$ -	HP 80/20; UT NHPP 80/20
					Right-of-Way	\$ 6,182	\$ 101	\$ 3,132	\$ 1,300	\$ 1,649	\$ -	\$ -	\$ -	HPP 100/0; NHS 100/0
					Construction	\$ 29,595	\$ -	\$ 2,168	\$ 7,283	\$ 9,210	\$ 10,934	\$ -	\$ -	NHPP 80/20; SURTRANS 100/0; NHPP 100/0
					Total	\$ 38,794	\$ 2,702	\$ 5,600	\$ 8,699	\$ 10,859	\$ 10,934	\$ -	\$ -	
					Federal Aid	\$ 31,377	\$ 2,354	\$ 4,708	\$ 7,014	\$ 8,773	\$ 8,528	\$ -	\$ -	
MD 328, New Bridge Road	Caroline & Talbot	CO4521	CO	Replaced Bridge 5012 over Tuckahoe Creek. The new bridge was built on a parallel alignment. Shoulders will accommodate bicycles and pedestrians.	Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Engineering	\$ 1,603	\$ 1,603	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	BR/BH 80/20
					Right-of-Way	\$ 1,361	\$ 1,064	\$ 217	\$ 40	\$ 40	\$ -	\$ -	\$ -	BR 80/20
					Construction	\$ 13,979	\$ 13,924	\$ 55	\$ -	\$ -	\$ -	\$ -	\$ -	BRSP (Special Bridge) 100/0; BR 100/0; STP 100/0; UT BR 80/20; UT BR 100/0
					Total	\$ 16,943	\$ 16,591	\$ 272	\$ 40	\$ 40	\$ -	\$ -	\$ -	
					Federal Aid	\$ 15,897	\$ 15,881	\$ 16	\$ -	\$ -	\$ -	\$ -	\$ -	
MD 287, Sandtown Road	Caroline	CO4601	CO	Replaced Bridge 5002 over the Choptank River. Shoulders will accommodate bicycles and pedestrians.	Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Engineering	\$ 1,461	\$ 1,461	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	BR/BH 80/20
					Right-of-Way	\$ 173	\$ 171	\$ 2	\$ -	\$ -	\$ -	\$ -	\$ -	BR 80/20
					Construction	\$ 4,472	\$ 3,750	\$ 722	\$ -	\$ -	\$ -	\$ -	\$ -	BR 100/0
					Total	\$ 6,106	\$ 5,382	\$ 724	\$ -	\$ -	\$ -	\$ -	\$ -	
					Federal Aid	\$ 5,159	\$ 4,439	\$ 720	\$ -	\$ -	\$ -	\$ -	\$ -	

SHA CTP NON-METROPOLITAN PROJECTS

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							Expended Thru 2013	Current Year 2014	Budget Year 2015	2016	2017	2018		2019
MD 331, Dover Road	Caroline & Talbot	TA3921	CO	Replace Bridge 20023 over Choptank River. The new span, which will be located south of the existing roadway and will provide a 50 foot river clearance. Shoulders will accommodate bicycles and pedestrians.	Planning	\$ 584	\$ 584	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Engineering	\$ 3,680	\$ 3,420	\$ 260	\$ -	\$ -	\$ -	\$ -	\$ -	STP Flex 80/20
					Right-of-Way	\$ 4,068	\$ 2	\$ 3,723	\$ 343	\$ -	\$ -	\$ -	\$ -	BR 100/0
					Construction	\$ 57,649	\$ -	\$ -	\$ 14,026	\$ 17,273	\$ 15,946	\$ 10,404	\$ -	STP 70/30; UT STP 80/20
					Total	\$ 65,721	\$ 4,006	\$ 3,723	\$ 14,369	\$ 17,273	\$ 15,946	\$ 10,404	\$ -	
					Federal Aid	\$ 47,095	\$ 3,220	\$ 3,253	\$ 10,086	\$ 12,091	\$ 11,162	\$ 7,283	\$ -	
Maintenance Facility in Cambridge	Dorchester	DO3481	CO	Replacement of the maintenance facility in Cambridge.	Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Engineering	\$ 1,824	\$ 570	\$ 1,254	\$ -	\$ -	\$ -	\$ -	\$ -	
					Right-of-Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Construction	\$ 15,469	\$ -	\$ -	\$ 4,733	\$ 6,041	\$ 4,695	\$ -	\$ -	
					Total	\$ 17,293	\$ 570	\$ 1,254	\$ 4,733	\$ 6,041	\$ 4,695	\$ -	\$ -	
					Federal Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
US 219, Garrett Highway	Garrett	GA3551	CO	Replace Bridge 11023 over Cherry Creek.	Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Engineering	\$ 1,402	\$ 807	\$ 595	\$ -	\$ -	\$ -	\$ -	\$ -	BR 80/20
					Right-of-Way	\$ 162	\$ 15	\$ 104	\$ 43	\$ -	\$ -	\$ -	\$ -	
					Construction	\$ 2,141	\$ -	\$ 1,104	\$ 1,010	\$ 12	\$ 12	\$ 3	\$ -	NHPP 80/20
					Total	\$ 3,705	\$ 822	\$ 1,803	\$ 1,053	\$ 12	\$ 12	\$ 3	\$ -	
					Federal Aid	\$ 2,774	\$ 635	\$ 1,341	\$ 798	\$ -	\$ -	\$ -	\$ -	
US 219 Relocated, Oakland Bypass	Garrett	GA5991	D&E	Relocate US 219 from north of Oakland to MD 135 (2.40 miles). Sidewalks will be included where appropriate and shoulders will accommodate pedestrians in open sections. Shoulders and wide curb lanes will accommodate bicycles.	Planning	\$ 1,280	\$ 1,280	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	NHS 80/20
					Engineering	\$ 4,014	\$ 4,014	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Right-of-Way	\$ 4,411	\$ 4,411	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	NHS 80/20; HP 80/20
					Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	NHS 80/20
					Total	\$ 9,705	\$ 9,705	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Federal Aid	\$ 3,454	\$ 3,454	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
US 219 North, Chestnut Ridge Road	Garrett	GA6461	D&E	Study to reconstruct/relocate US 219 from I-68 to the Pennsylvania State Line (2.54 miles). This represents Maryland's portion of a larger study of US 219, from the Myersdale Bypass in Pennsylvania to I-68 in Maryland.	Planning	\$ 4,090	\$ 2,092	\$ 200	\$ 650	\$ 636	\$ 512	\$ -	\$ -	APL 80/20
					Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Right-of-Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Total	\$ 4,090	\$ 2,092	\$ 200	\$ 650	\$ 636	\$ 512	\$ -	\$ -	
					Federal Aid	\$ 2,409	\$ 1,632	\$ 156	\$ 507	\$ 114	\$ -	\$ -	\$ -	
US 50, Ocean Gateway	Queen Anne's	QA2367	D&E	Widen existing US 50 from US 301 at Queenstown to MD 404 (13.8 miles) to 6 lanes, acquire access controls and replace at-grade intersections with interchanges. Shoulders and service roads will accommodate bicycles and pedestrians.	Planning	\$ 1,557	\$ 1,557	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Engineering	\$ 6,708	\$ 6,708	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	NHS 80/20
					Right-of-Way	\$ 9,787	\$ 9,787	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	NHS 80/20
					Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Total	\$ 18,052	\$ 18,052	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Federal Aid	\$ 9,230	\$ 9,230	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
US 301, Blue Star Memorial Highway	Queen Anne's	QA2651	CO	Construct a new interchange at MD 304. Shoulders on MD 304 will accommodate bicycles and pedestrians.	Planning	\$ 1,098	\$ 1,098	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Engineering	\$ 7,949	\$ 1,009	\$ 750	\$ 250	\$ 5,940	\$ -	\$ -	\$ -	NHPP 80/20
					Right-of-Way	\$ 1,895	\$ -	\$ 500	\$ 600	\$ 795	\$ -	\$ -	\$ -	NHPP 80/20
					Construction	\$ 50,161	\$ -	\$ -	\$ 8,778	\$ 19,187	\$ 22,196	\$ -	\$ -	
					Total	\$ 61,103	\$ 2,107	\$ 1,250	\$ 9,628	\$ 25,922	\$ 22,196	\$ -	\$ -	
					Federal Aid	\$ 8,727	\$ 309	\$ 1,140	\$ 718	\$ 6,560	\$ -	\$ -	\$ -	
MD 5, Point Lookout Road	St. Mary's	SM3521	D&E	Study to upgrade MD 5 between MD 243 and MD 245 (1.39 miles). Sidewalks will be included where appropriate for pedestrians. Wide curb lanes will accommodate bicycles. Shoulders will accommodate Amish buggies.	Planning	\$ 2,325	\$ 1,890	\$ 160	\$ 275	\$ -	\$ -	\$ -	\$ -	STP 100/0
					Engineering	\$ -	\$ -	\$ 100	\$ 650	\$ 750	\$ 1,000	\$ 500	\$ -	
					Right-of-Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Total	\$ 2,325	\$ 1,890	\$ 260	\$ 925	\$ 750	\$ 1,000	\$ 500	\$ -	
					Federal Aid	\$ 435	\$ -	\$ 260	\$ 275	\$ -	\$ -	\$ -	\$ -	
MD 5, Point Lookout Road	St. Mary's	SM3661	CO	Replace Bridge 18008 over Eastern Branch.	Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Engineering	\$ 1,544	\$ 867	\$ 287	\$ 360	\$ 30	\$ -	\$ -	\$ -	BR 80/20
					Right-of-Way	\$ 86	\$ -	\$ 33	\$ 49	\$ 4	\$ -	\$ -	\$ -	
					Construction	\$ 4,004	\$ -	\$ -	\$ 2,715	\$ 1,289	\$ -	\$ -	\$ -	STP 70/30
					Total	\$ 5,634	\$ 867	\$ 320	\$ 3,124	\$ 1,323	\$ -	\$ -	\$ -	
					Federal Aid	\$ 4,001	\$ 667	\$ 222	\$ 2,185	\$ 927	\$ -	\$ -	\$ -	

SHA CTP NON-METROPOLITAN PROJECTS

Project Name	County Name	STIP Number	Program	Project Description	Phase	PROJECT CASH FLOW (in \$000s)						Federal Details		
						Expended Thru 2013	Current Year 2014	Budget Year 2015	2016	2017	2018		2019	
MD 5, Point Lookout Road	St. Mary's	SM7741	D&E	Upgrade and widen MD 5 to provide shoulders from south of Camp Brown Road to the Ranger Station. (2.0 miles)	Planning	\$ 455	\$ 455	\$ -	\$ -	\$ -	\$ -	\$ -	STP 80/20	
					Engineering	\$ 774	\$ 774	\$ -	\$ -	\$ -	\$ -	\$ -	STP 80/20	
					Right-of-Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
					Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
					Total	\$ 1,229	\$ 1,229	\$ -	\$ -	\$ -	\$ -	\$ -		
					Federal Aid	\$ 837	\$ 837	\$ -	\$ -	\$ -	\$ -	\$ -		
MD 5, Point Lookout Road	St. Mary's	SM2101	D&E	Design of intersection, bridge, and drainage improvements along MD 5 at MD 246 and MD 471.	Planning	\$ 300	\$ -	\$ 250	\$ 50	\$ -	\$ -	\$ -		
					Engineering	\$ 4,700	\$ -	\$ -	\$ 500	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,200	
					Right-of-Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Total	\$ 5,000	\$ -	\$ 250	\$ 550	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,200	
					Federal Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
MD 822, University of Maryland Eastern Shore Access Road	Somerset	SO4101 SO4091	CO	Construct a roundabout at the MD 675 intersection and	Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
					Engineering	\$ 683	\$ 559	\$ 124	\$ -	\$ -	\$ -	\$ -	UT STP 100/0	
					Right-of-Way	\$ 494	\$ 124	\$ 248	\$ 122	\$ -	\$ -	\$ -	STP 100/0	
					Construction	\$ 3,241	\$ -	\$ 1,481	\$ 1,760	\$ -	\$ -	\$ -	STP 80/20; STP 100/0	
					Total	\$ 4,418	\$ 683	\$ 1,853	\$ 1,882	\$ -	\$ -	\$ -	\$ -	
					Federal Aid	\$ 2,774	\$ 106	\$ 1,196	\$ 1,472	\$ -	\$ -	\$ -	\$ -	
US 13, Ocean Highway	Somerset Worcester	WO2231	CO	Rehabilitation of Bridges 2301601 and 2301602 over Pocomoke River.	Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
					Engineering	\$ 759	\$ 485	\$ 274	\$ -	\$ -	\$ -	\$ -	NHS 80/20	
					Right-of-Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
					Construction	\$ 16,476	\$ -	\$ 2,163	\$ 6,883	\$ 7,430	\$ -	\$ -	NHPP 80/20	
					Total	\$ 17,235	\$ 485	\$ 2,437	\$ 6,883	\$ 7,430	\$ -	\$ -	\$ -	
					Federal Aid	\$ 13,779	\$ 383	\$ 1,946	\$ 5,506	\$ 5,944	\$ -	\$ -	\$ -	
MD 589, Racetrack Road	Worcester	WO3151	D&E	Study for potential improvements to the existing MD 589 corridor from US 50 to US 113 (4.7 miles). Bicycles and pedestrians will be accommodated by a shared-use path and sidewalks.	Planning	\$ 1,507	\$ 1,401	\$ 15	\$ 91	\$ -	\$ -	\$ -	STP 80/20	
					Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Right-of-Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Total	\$ 1,507	\$ 1,401	\$ 15	\$ 91	\$ -	\$ -	\$ -	\$ -	
					Federal Aid	\$ 336	\$ 230	\$ 15	\$ 91	\$ -	\$ -	\$ -	\$ -	
US 50, Ocean Gateway	Worcester	WO4191	D&E	Study to replace Bridge 23007 over the Sinepuxent Bay. The study will investigate options to eliminate/upgrade the draw span structure. Shoulders or wide curb lanes and sidewalks will accommodate bicycles and pedestrians.	Planning	\$ 2,930	\$ 2,880	\$ 50	\$ -	\$ -	\$ -	\$ -		
					Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Right-of-Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Total	\$ 2,930	\$ 2,880	\$ 50	\$ -	\$ -	\$ -	\$ -	\$ -	
					Federal Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
US 113, Worcester Highway	Worcester	WO6881 WO6361 WO6351 WO4111	D&E	Upgrade existing US 113 as a 4 lane divided highway, including access controls from north of MD 365, Public Landing Road, to Massey Branch (8.9 miles). Shoulders will accommodate bicycles and pedestrians.	Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	NHS 80/20, MGE 80/20; TCSP 80/20; HP 80/20	
					Engineering	\$ 8,267	\$ 6,159	\$ 728	\$ 871	\$ 509	\$ -	\$ -	\$ -	
					Right-of-Way	\$ 10,700	\$ 1	\$ 1,000	\$ 5,000	\$ 4,699	\$ -	\$ -	\$ -	
					Construction	\$ 48,990	\$ -	\$ -	\$ 5,330	\$ 22,820	\$ 20,840	\$ -	\$ -	
					Total	\$ 67,957	\$ 6,160	\$ 1,728	\$ 11,201	\$ 28,028	\$ 20,840	\$ -	\$ -	
					Federal Aid	\$ 45,809	\$ 5,170	\$ 989	\$ 4,720	\$ 18,260	\$ 16,670	\$ -	\$ -	
MD 364 over Dividing Creek	Somerset Worcester	WO-NEW FY2014/ SO-NEW FY2014	D&E	Replacement of MD 364 Bridge No. 1901000 over Dividing Creek	Planning									
					Engineering	\$ 1,008		\$ 168	\$ 168	\$ 168	\$ 168	\$ 168	\$ 168	State
					Right-of-Way	\$ -								
					Construction	\$ -								
					Total	\$ 1,008		\$ 168	\$ 168	\$ 168	\$ 168	\$ 168	\$ 168	
					Federal Aid									
Harriet Tubman Visitor Center	Dorchester	SHA-D-2	CO	Construction of a Visitor Center	Planning									
					Engineering									
					Right-of-Way									
					Construction			\$ 4,000	\$ 4,000					TEP grant
					Total			\$ 4,000	\$ 4,000					
					Federal Aid				\$ 4,000	\$ 4,000				

SHA Non-Metropolitan Area Grouped Projects - System Preservation Categories

Old STIP #	New STIP #
SPP Categories #1	RU Environmental
SPP Categories #2	RU Safety Spot
SPP Categories #3	RU Resurfacing
SPP Categories #4	RU Bridge
SPP Categories #5	RU Urban Reconstructions
SPP Categories #6	RU Congestion Management

<i>STIP # RU Environmental (millions)</i>					
Phase	FY 2014	FY 2015	FY 2016	FY 2017	Total
PP	0.07	0.19	0.26	0.18	0.70
PE	0.42	1.17	1.55	1.05	4.19
ROW	0.07	0.19	0.26	0.18	0.70
Construction	2.24	6.24	8.26	5.62	22.36
Total	2.80	7.80	10.33	7.03	27.95

Project Name: Environmental
 Project Description: Noise abatement, wetland replacement, reforestation and landscape planting, etc.
 Federal Funding Sources: National Highway Performance Program (NHS/NHPP), Surface Transportation Program (STP), Transportation Alternative Program (TAP), Highway Safety

<i>STIP # RU Safety Spot (millions)</i>					
Phase	FY 2014	FY 2015	FY 2016	FY 2017	Total
PP	0.53	0.30	0.04	0.01	0.88
PE	3.18	1.78	0.23	0.07	5.26
ROW	0.53	0.30	0.04	0.01	0.88
Construction	16.97	9.49	1.23	0.38	28.06
Total	21.2	11.9	1.5	0.5	35.1

Project Name: Safety Spot Improvements
 Project Description: Roundabouts, geometric improvements, slope repairs, pedestrian crossings, rail crossings, safety improvements, intersection realignment, drainage improvements, pavement marking, joint sealing, etc.
 Federal Funding Sources: National Highway Performance Program (NHS/NHPP), Surface Transportation Program (STP), Congestion, Mitigation/Air Quality (CMAQ), Highway Safety, Safe Routes to Schools (TAP), Interstate Maintenance (IM), HSIP

<i>STIP # RU Resurfacing (millions)</i>					
Phase	FY 2014	FY 2015	FY 2016	FY 2017	Total
PP	0.96	0.75	0.47	0.34	2.52
PE	5.79	4.49	2.82	2.04	15.14

SHA Non-Metropolitan Area Grouped Projects - System Preservation Categories

ROW	0.96	0.75	0.47	0.34	2.52
Construction	30.86	23.95	15.06	10.86	80.74
Total	38.6	29.9	18.8	13.6	100.9

Project Name: Resurfacing
 Project Description: Pavement milling, overlay, concrete patching, etc.
 Federal Funding Sources: National Highway Performance Program (NHS/NHPP),
 Surface Transportation Program (STP), Interstate

<i>STIP # RU Bridge (millions)</i>					
Phase	FY 2014	FY 2015	FY 2016	FY 2017	Total
PP	0.37	0.24	0.15	0.10	0.86
PE	2.20	1.43	0.88	0.63	5.14
ROW	0.37	0.24	0.15	0.10	0.86
Construction	11.75	7.61	4.68	3.35	27.39
Total	14.7	9.5	5.8	4.2	34.2

Project Name: Bridge
 Project Description: Structural replacements, bridge deck rehabilitation, superstructure replacements, bridge parapet reconstruction, and painting.
 Federal Funding Sources: National Highway Performance Program (NHS/NHPP),
 Surface Transportation Program (STP), Interstate Maintenance (IM), Bridge (BR)

<i>STIP # RU Urban Reconstruction (millions)</i>					
Phase	FY 2014	FY 2015	FY 2016	FY 2017	Total
PP	0.25	0.25	0.19	0.12	0.81
PE	1.51	1.50	1.11	0.74	4.87
ROW	0.25	0.25	0.19	0.12	0.81
Construction	8.08	7.98	5.94	3.95	25.95
Total	10.1	10	7.4	4.9	32.4

Project Name: Urban Reconstruction
 Project Description: Rehabilitation or reconstruction which would include drainage, curb and gutter, pavement milling and resurfacing, streetscapes, sidewalks, signs, markings, and lighting.
 Federal Funding Sources: National Highway Performance Program (NHS/NHPP),
 Surface Transportation Program (STP)

<i>STIP # RU Congestion Management (millions)</i>					
Phase	FY 2014	FY 2015	FY 2016	FY 2017	Total
PP	0.23	0.12	0.05	0.01	0.41
PE	1.38	0.72	0.27	0.08	2.46
ROW	0.23	0.12	0.05	0.01	0.41
Construction	7.38	3.85	1.45	0.42	13.09

SHA Non-Metropolitan Area Grouped Projects - System Preservation Categories

Total	9.2	4.8	1.8	0.5	16.4
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Project Name: Congestion Management
 Congestion management program includes projects associated with the following: traffic management - new or reconstruct signals, signing and lighting; signal systemization; commuter action - engineering and construction of park and ride facilities; CHART - engineering and construction of ITS projects; and intersection capacity improvement - engineering and construction of intersection improvements.

Project Description:

Federal Funding Sources: National Highway Performance Program (NHS/NHPP), Surface Transportation Program (STP); Congestion, Mitigation/Air Quality (CMAQ)

SHA Non-Metropolitan Area Grouped Projects - System Preservation Categories

<i>STIP # OJT/SS (\$000s)</i>					
Phase	FY 2014	FY 2015	FY 2016	FY 2017	Total
Other	475	475	475	475	1900
Total	475	475	475	475	1900

Project Name: On-The-Job/Supportive Services (OJT/SS)

Project Description: Implementation of Phase –III “READY- SET-GO!” initiative. The goal is to provide highway construction and maintenance related training aimed at assisting individuals in obtaining employment on federal-aid highway construction and maintenance projects. The program will focus on recruiting, training and employing women, minorities, veterans and disadvantaged individuals.

<i>STIP # DBE/SS (\$000s)</i>					
Phase	FY 2014	FY 2015	FY 2016	FY 2017	Total
Other	627	627	627	627	2508
Total	627	627	627	627	2508

Project Name: Disadvantaged Business Enterprises(DBE) Supportive Services

Project Description: The Maryland State Highway Administration (SHA), through the Office of Equal Opportunity (OEO) is seeking to develop a Disadvantaged Business Enterprises (DBE) Business Support Network (BSN) program aimed at increasing the business capacity and development of newly certified and existing certified DBE firms within Maryland’s highway construction industry. The focus will be on enhancing and expanding the ability of new and existing certified DBE firms to be competitive in bidding on, and successfully winning, SHA construction contracts either as prime contractors or subcontractors. MSHA) wish to promote increased participation of DBEs in federal-aid highway contracts; and encourage initiatives toward Historically-Black Colleges and Universities (HBCU) through the development and implementation of supportive service programs.