

APPENDIX L – SHA Rural Projects (Statewide)

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)

APPENDIX L – SHA Rural Projects (Statewide)

Maryland Department of Transportation

FY 2017-2020 STIP SHA Non-Metropolitan Regionally Significant and Areawide Projects - Base Funding

RURAL PROJECTS TOTAL

Rural Projects Total										
Phase	≤ FY 2016	in STIP					Total	Federal Funding		
		FY 2017	FY 2018	FY 2019	FY 2020					
PP	\$ 19,407	\$ 2,038	\$ 1,050	\$ 830	\$ 560	\$ 4,478	Balance to Complete			
PE	\$ 53,796	\$ 16,284	\$ 12,584	\$ 8,780	\$ 5,077	\$ 42,725				
RW	\$ 38,830	\$ 29,645	\$ 23,159	\$ 18,953	\$ 6,718	\$ 78,475	\$1,611,250			
CO	\$ 132,745	\$ 205,854	\$ 185,886	\$ 108,799	\$ 89,410	\$ 589,949	Total Project Cost			
Total	\$ 244,778	\$ 253,821	\$ 222,679	\$ 137,362	\$ 101,765	\$ 715,627				
<i>Fed Aid</i>	<i>\$ 119,057</i>	<i>\$ 165,608</i>	<i>\$ 160,966</i>	<i>\$ 101,220</i>	<i>\$ 80,460</i>	<i>\$ 508,254</i>	\$2,571,655			

Notes regarding "total project cost":

- For non-areawide projects - "total project cost" includes expenditures prior to and through FY 2016; those expenditures anticipated during the FY 2017-2020 STIP; and the "balance to complete"
- For areawide projects - "total project cost" includes only those expenditures anticipated during the FY 2017-2020 STIP

STATEWIDE GRANT FUNDING

SH1601	SHRP2 R15B Identifying and Managing Utility Conflicts		• MDOT STIP #SH1601 • MDOT FY 2016-2021 CTP p A-22		Grant funding identification and management of utility conflicts.			
	Phase	≤ FY 2016	in STIP				Federal Funding	
		FY 2017	FY 2018	FY 2019	FY 2020	Total		
	PP	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete	SHRP 100/0
	PE	\$ 24	\$ 76	\$ -	\$ -	\$ 76		
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	CO	\$ -	\$ -	\$ -	\$ -	\$ -	Total Project Cost	
	Total	\$ 24	\$ 76	\$ -	\$ -	\$ 76		
	<i>Fed Aid</i>	<i>\$ 24</i>	<i>\$ 76</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ 76</i>	\$ 100	

SH1602	SHRP2 R11 Work Zone Impacts Analysis Tools		• MDOT STIP #SH1602 • MDOT FY 2016-2021 CTP p A-22		Grant funding work zone impacts analysis tools.			
	Phase	≤ FY 2016	in STIP				Federal Funding	
		FY 2017	FY 2018	FY 2019	FY 2020	Total		
	PP	\$ 25	\$ 175	\$ 50	\$ -	\$ 225	Balance to Complete	SHRP 100/0
	PE	\$ -	\$ -	\$ -	\$ -	\$ -		
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	CO	\$ -	\$ -	\$ -	\$ -	\$ -	Total Project Cost	
	Total	\$ 25	\$ 175	\$ 50	\$ -	\$ 225		
	<i>Fed Aid</i>	<i>\$ 25</i>	<i>\$ 175</i>	<i>\$ 50</i>	<i>\$ -</i>	<i>\$ 225</i>	\$ 250	

AREAWIDE PROJECTS

RU Environment	Environmental Projects		• MDOT STIP #RU Environment • MDOT FY 2016-2021 CTP p A-23		Program to provide environmental and aesthetic improvements on SHA highways.			
	Phase	≤ FY 2016	in STIP				Federal Funding	
		FY 2017	FY 2018	FY 2019	FY 2020	Total		
	PP	\$ -	\$ 200	\$ 200	\$ 150	\$ 100	Balance to Complete	NHPP 80/20, STP 80/20, TAP 80/20, HSIP 90/10, etc.
	PE	\$ -	\$ 500	\$ 500	\$ 400	\$ 300		
	RW	\$ -	\$ 200	\$ 200	\$ 150	\$ 100	\$ -	
	CO	\$ -	\$ 5,000	\$ 5,000	\$ 4,000	\$ 3,000	Total Project Cost	
	Total	\$ -	\$ 5,900	\$ 5,900	\$ 4,700	\$ 3,500	\$ 20,000	
	<i>Fed Aid</i>	<i>\$ -</i>	<i>\$ 4,720</i>	<i>\$ 4,720</i>	<i>\$ 3,760</i>	<i>\$ 2,800</i>	\$ 20,000	

APPENDIX L – SHA Rural Projects (Statewide)

Maryland Department of Transportation

FY 2017-2020 STIP SHA Rural Regionally Significant and Areawide Projects - Base Funding

AREAWIDE PROJECTS (cont'd)

RU Safety/Spot	Safety and Spot Improvements		<ul style="list-style-type: none"> • MDOT STIP #RU Safety/Spot • MDOT FY 2016-2021 CTP p A-23 				Program to provide localized improvements to address safety and/or operational issues on SHA highways.	
	Phase	≤ FY 2016	<i>in STIP</i>				Federal Funding	
			FY 2017	FY 2018	FY 2019	FY 2020	Total	
PP	\$ -	\$ 300	\$ 300	\$ 300	\$ 200	\$ 1,100	Balance to Complete	NHPP 80/20, STP 80/20, CMAQ 100/0, HSIP 90/10, etc.
PE	\$ -	\$ 500	\$ 500	\$ 500	\$ 400	\$ 1,900		NHPP 80/20, STP 80/20, CMAQ 100/0, HSIP 90/10, etc.
RW	\$ -	\$ 300	\$ 300	\$ 300	\$ 200	\$ 1,100	\$ -	NHPP 80/20, STP 80/20, CMAQ 100/0, HSIP 90/10, etc.
CO	\$ -	\$ 8,000	\$ 8,000	\$ 8,000	\$ 6,000	\$ 30,000	Total Project Cost	NHPP 80/20, STP 80/20, CMAQ 100/0, HSIP 90/10, etc.
Total	\$ -	\$ 9,100	\$ 9,100	\$ 9,100	\$ 6,800	\$ 34,100		
<i>Fed Aid</i>	\$ -	\$ 7,280	\$ 7,280	\$ 7,280	\$ 5,440	\$ 27,280	\$ 34,100	

RU Resurface	Resurfacing and Rehabilitation		<ul style="list-style-type: none"> • MDOT STIP #RU Resurface • MDOT FY 2016-2021 CTP p A-23 				Program to provide periodic resurfacing and upgrading or auxiliary features on SHA highways.	
	Phase	≤ FY 2016	<i>in STIP</i>				Federal Funding	
			FY 2017	FY 2018	FY 2019	FY 2020	Total	
PP	\$ -	\$ 100	\$ 100	\$ 80	\$ 60	\$ 340	Balance to Complete	NHPP 80/20, STP 80/20, HSIP 90/10, etc.
PE	\$ -	\$ 4,000	\$ 3,000	\$ 3,000	\$ 1,500	\$ 11,500		NHPP 80/20, STP 80/20, HSIP 90/10, etc.
RW	\$ -	\$ 100	\$ 100	\$ 80	\$ 60	\$ 340	\$ -	NHPP 80/20, STP 80/20, HSIP 90/10, etc.
CO	\$ -	\$ 45,000	\$ 37,500	\$ 30,000	\$ 15,000	\$ 127,500	Total Project Cost	NHPP 80/20, STP 80/20, HSIP 90/10, etc.
Total	\$ -	\$ 49,200	\$ 40,700	\$ 33,160	\$ 16,620	\$ 139,680		
<i>Fed Aid</i>	\$ -	\$ 39,360	\$ 32,560	\$ 26,528	\$ 13,296	\$ 111,744	\$ 139,680	

RU Bridge	Bridge Replacement and Rehabilitation		<ul style="list-style-type: none"> • MDOT STIP #RU Bridge • MDOT FY 2016-2021 CTP p A-23 				Program to provide major upgrades to and maintenance of structures on SHA highways.	
	Phase	≤ FY 2016	<i>in STIP</i>				Federal Funding	
			FY 2017	FY 2018	FY 2019	FY 2020	Total	
PP	\$ -	\$ 100	\$ 100	\$ 75	\$ 50	\$ 325	Balance to Complete	NHPP 80/20, STP 80/20, etc.
PE	\$ -	\$ 5,000	\$ 5,000	\$ 3,500	\$ 2,000	\$ 15,500		NHPP 80/20, STP 80/20, etc.
RW	\$ -	\$ 200	\$ 200	\$ 150	\$ 100	\$ 650	\$ -	NHPP 80/20, STP 80/20, etc.
CO	\$ -	\$ 10,000	\$ 10,000	\$ 8,000	\$ 6,000	\$ 34,000	Total Project Cost	NHPP 80/20, STP 80/20, etc.
Total	\$ -	\$ 15,300	\$ 15,300	\$ 11,725	\$ 8,150	\$ 50,475		
<i>Fed Aid</i>	\$ -	\$ 12,240	\$ 12,240	\$ 9,380	\$ 6,520	\$ 40,380	\$ 50,475	

RU Urban Reconstruct	Urban Reconstruction		<ul style="list-style-type: none"> • MDOT STIP #RU Urban Reconstruct • MDOT FY 2016-2021 CTP p A-23 				Program to provide roadway rehabilitation on SHA highways in municipalities and urban areas.	
	Phase	≤ FY 2016	<i>in STIP</i>				Federal Funding	
			FY 2017	FY 2018	FY 2019	FY 2020	Total	
PP	\$ -	\$ 100	\$ 100	\$ 75	\$ 50	\$ 325	Balance to Complete	NHPP 80/20, STP 80/20, etc.
PE	\$ -	\$ 1,000	\$ 1,000	\$ 750	\$ 500	\$ 3,250		NHPP 80/20, STP 80/20, etc.
RW	\$ -	\$ 100	\$ 100	\$ 75	\$ 50	\$ 325	\$ -	NHPP 80/20, STP 80/20, etc.
CO	\$ -	\$ 5,000	\$ 5,000	\$ 3,750	\$ 2,500	\$ 16,250	Total Project Cost	NHPP 80/20, STP 80/20, etc.
Total	\$ -	\$ 6,200	\$ 6,200	\$ 4,650	\$ 3,100	\$ 20,150		
<i>Fed Aid</i>	\$ -	\$ 4,960	\$ 4,960	\$ 3,720	\$ 2,480	\$ 16,120	\$ 20,150	

RU Congestion Mgmt	Congestion Management		<ul style="list-style-type: none"> • MDOT STIP #RU Congestion Mgmt • MDOT FY 2016-2021 CTP p A-23 				Program to provide traffic control, management, and monitoring on SHA highways.	
	Phase	≤ FY 2016	<i>in STIP</i>				Federal Funding	
			FY 2017	FY 2018	FY 2019	FY 2020	Total	
PP	\$ -	\$ 200	\$ 200	\$ 150	\$ 100	\$ 650	Balance to Complete	NHPP 80/20, STP 80/20, CMAQ 100/0, etc.
PE	\$ -	\$ 500	\$ 500	\$ 400	\$ 300	\$ 1,700		NHPP 80/20, STP 80/20, CMAQ 100/0, etc.
RW	\$ -	\$ 200	\$ 200	\$ 150	\$ 100	\$ 650	\$ -	NHPP 80/20, STP 80/20, CMAQ 100/0, etc.
CO	\$ -	\$ 5,000	\$ 5,000	\$ 4,000	\$ 3,000	\$ 17,000	Total Project Cost	NHPP 80/20, STP 80/20, CMAQ 100/0, etc.
Total	\$ -	\$ 5,900	\$ 5,900	\$ 4,700	\$ 3,500	\$ 20,000		
<i>Fed Aid</i>	\$ -	\$ 4,720	\$ 4,720	\$ 3,760	\$ 2,800	\$ 16,000	\$ 20,000	

APPENDIX L – SHA Rural Projects (Statewide)

Maryland Department of Transportation

FY 2017-2020 STIP SHA Rural Regionally Significant and Areawide Projects - Base Funding

CALVERT COUNTY

CA4133	MD 2-4 Phase 2 (Fox Run Boulevard to South of Commerce Lane) Highway Reconstruction		<ul style="list-style-type: none"> • MDOT STIP #CA4133 • MDOT FY 2016-2021 CTP p SHA-C-1 				Widen to six-lane divided highway with auxiliary lanes from Fox Run Boulevard to Commerce Lane (0.8 miles). This is Phase 2 of a five-phase project to upgrade MD 2/4 from north of Stoakley Road to south of MD 765A.	
	Phase		<i>in STIP</i>				Federal Funding	
	≤ FY 2016		FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete
	PE	\$ 2,722	\$ 434	\$ -	\$ -	\$ -	\$ 434	
	RW	\$ 50	\$ 6,000	\$ 2,000	\$ 2,682	\$ -	\$ 10,682	\$ -
	CO	\$ -	\$ 6,557	\$ 8,531	\$ 6,063	\$ -	\$ 21,151	Total Project
Total	\$ 2,772	\$ 12,991	\$ 10,531	\$ 8,745	\$ -	\$ 32,267	Cost	
<i>Fed Aid</i>	<i>\$ 1,916</i>	<i>\$ 434</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ 434</i>	\$ 35,039	

CA4801	MD 261 Fishing Creek Bridge 04011 Bridge Replacement		<ul style="list-style-type: none"> • MDOT STIP #CA4801 • MDOT FY 2016-2021 CTP p SHA-C-2 				Replace Bridge 04011 over Fishing Creek. Shoulders will accommodate bicycles and pedestrians.	
	Phase		<i>in STIP</i>				Federal Funding	
	≤ FY 2016		FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete
	PE	\$ 2,363	\$ -	\$ -	\$ -	\$ -	\$ -	
	RW	\$ 2,095	\$ 1,995	\$ 831	\$ -	\$ -	\$ 2,826	\$ -
	CO	\$ 10,528	\$ 9,784	\$ -	\$ -	\$ -	\$ 9,784	Total Project
Total	\$ 14,986	\$ 11,779	\$ 831	\$ -	\$ -	\$ 12,610	Cost	
<i>Fed Aid</i>	<i>\$ 9,861</i>	<i>\$ 8,737</i>	<i>\$ 618</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ 9,355</i>	\$ 27,596	

CA4131	MD 2-4 Corridor (North of Stoakley Road/Hospital Road to South of MD 765A) Planning Study		<ul style="list-style-type: none"> • MDOT STIP #CA4131 • MDOT FY 2016-2021 CTP p SHA-C-3 				Widen to six-lane divided highway with auxiliary lanes from north of Stoakley Road to south of MD 765A (2.4 miles). This project will include appropriate bicycle and pedestrian accommodations.	
	Phase		<i>in STIP</i>				Federal Funding	
	≤ FY 2016		FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ 1,972	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete
	PE	\$ 1,394	\$ -	\$ -	\$ -	\$ -	\$ -	
	RW	\$ 644	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 124,000
	CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Total Project
Total	\$ 4,010	\$ -	\$ -	\$ -	\$ -	\$ -	Cost	
<i>Fed Aid</i>	<i>\$ 776</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	\$ 128,010	

CAROLINE COUNTY

AW8962	MD 404 Phase 1B (West of MD 309 to Cemetery Road) Highway Dualization		<ul style="list-style-type: none"> • MDOT STIP #AW8962 • MDOT FY 2016-2021 CTP p SHA-CO-1 				Widen to six-lane divided highway with auxiliary lanes from Fox Run Boulevard to Commerce Lane (0.8 miles). This is Phase 2 of a five-phase project to upgrade MD 2/4 from north of Stoakley Road to south of MD 765A.	
	Phase		<i>in STIP</i>				Federal Funding	
	≤ FY 2016		FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete
	PE	\$ 3,182	\$ -	\$ -	\$ -	\$ -	\$ -	
	RW	\$ 5,312	\$ 876	\$ -	\$ -	\$ -	\$ 876	\$ -
	CO	\$ 15,610	\$ 6,248	\$ -	\$ -	\$ -	\$ 6,248	Total Project
Total	\$ 24,104	\$ 7,124	\$ -	\$ -	\$ -	\$ 7,124	Cost	
<i>Fed Aid</i>	<i>\$ 20,285</i>	<i>\$ 6,026</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ 6,026</i>	\$ 31,228	

AW8961	MD 404 (US 50 to MD 309 and West of Hillsboro Road to Holly Road) Highway Dualization		<ul style="list-style-type: none"> • MDOT STIP #AW8961 • MDOT FY 2016-2021 CTP p SHA-CO-2 				Replace Bridge 04011 over Fishing Creek. Shoulders will accommodate bicycles and pedestrians.	
	Phase		<i>in STIP</i>				Federal Funding	
	≤ FY 2016		FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ 559	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete
	PE	\$ 10,593	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	
	RW	\$ 5,027	\$ 6,825	\$ 8,156	\$ 7,490	\$ 1,297	\$ 23,768	\$ -
	CO	\$ -	\$ 47,074	\$ 72,456	\$ -	\$ -	\$ 119,530	Total Project
Total	\$ 16,179	\$ 54,899	\$ 80,612	\$ 7,490	\$ 1,297	\$ 144,298	Cost	
<i>Fed Aid</i>	<i>\$ 12,330</i>	<i>\$ 42,840</i>	<i>\$ 62,350</i>	<i>\$ 5,914</i>	<i>\$ 1,011</i>	<i>\$ 112,115</i>	\$ 160,477	

APPENDIX L – SHA Rural Projects (Statewide)

Maryland Department of Transportation

FY 2017-2020 STIP SHA Rural Regionally Significant and Areawide Projects - Base Funding

CAROLINE COUNTY (cont'd)

TA3921	MD 331 Choptank River Bridge 20023 Bridge Replacement	<ul style="list-style-type: none"> • MDOT STIP #TA3921 • MDOT FY 2016-2021 CTP p SHA-CO-3 	Widen to six-lane divided highway with auxiliary lanes from north of Stoakley Road to south of MD 765A (2.4 miles). This project will include appropriate bicycle and pedestrian accommodations.
	- see TALBOT COUNTY -		

DORCHESTER COUNTY

DO3481	Cambridge Maintenance Facility Facility Replacement	<ul style="list-style-type: none"> • MDOT STIP #DO3481 • MDOT FY 2016-2021 CTP p SHA-D-1 	Replacement of the maintenance facility in Cambridge.																																																													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Phase</th> <th style="width: 10%;">≤ FY 2016</th> <th colspan="4" style="text-align: center;">in STIP</th> <th style="width: 10%;">Total</th> <th style="width: 10%;">Federal Funding</th> </tr> <tr> <th></th> <th></th> <th>FY 2017</th> <th>FY 2018</th> <th>FY 2019</th> <th>FY 2020</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>PP</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td rowspan="2" style="text-align: center;">Balance to Complete</td> </tr> <tr> <td>PE</td> <td style="text-align: right;">\$ 1,896</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>RW</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: center;">\$ -</td> </tr> <tr> <td>CO</td> <td style="text-align: right;">\$ 21,044</td> <td style="text-align: right;">\$ 1,165</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ 1,165</td> <td rowspan="2" style="text-align: center;">Total Project Cost</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$ 22,940</td> <td style="text-align: right;">\$ 1,165</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ 1,165</td> </tr> <tr> <td>Fed Aid</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: center;">\$ 24,105</td> </tr> </tbody> </table>			Phase	≤ FY 2016	in STIP				Total	Federal Funding			FY 2017	FY 2018	FY 2019	FY 2020			PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete	PE	\$ 1,896	\$ -	\$ -	\$ -	\$ -	\$ -	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	CO	\$ 21,044	\$ 1,165	\$ -	\$ -	\$ -	\$ 1,165	Total Project Cost	Total	\$ 22,940	\$ 1,165	\$ -	\$ -	\$ -	\$ 1,165	Fed Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase	≤ FY 2016	in STIP				Total	Federal Funding																																																									
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Fed Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,105																																																									

GARRETT COUNTY

GA1971	MD 39 Youghiogheny River Bridge 11002 Bridge Replacement	<ul style="list-style-type: none"> • MDOT STIP #GA1971 • MDOT FY 2016-2021 CTP p SHA-G-1 	Replace Bridge 11002 over the Youghiogheny River.																																																													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Phase</th> <th style="width: 10%;">≤ FY 2016</th> <th colspan="4" style="text-align: center;">in STIP</th> <th style="width: 10%;">Total</th> <th style="width: 10%;">Federal Funding</th> </tr> <tr> <th></th> <th></th> <th>FY 2017</th> <th>FY 2018</th> <th>FY 2019</th> <th>FY 2020</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>PP</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td rowspan="2" style="text-align: center;">Balance to Complete</td> </tr> <tr> <td>PE</td> <td style="text-align: right;">\$ 408</td> <td style="text-align: right;">\$ 230</td> <td style="text-align: right;">\$ 230</td> <td style="text-align: right;">\$ 230</td> <td style="text-align: right;">\$ 77</td> <td style="text-align: right;">\$ 767</td> </tr> <tr> <td>RW</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: center;">\$ 3,925</td> </tr> <tr> <td>CO</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ 1,075</td> <td style="text-align: right;">\$ 1,075</td> <td rowspan="2" style="text-align: center;">Total Project Cost</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$ 408</td> <td style="text-align: right;">\$ 230</td> <td style="text-align: right;">\$ 230</td> <td style="text-align: right;">\$ 230</td> <td style="text-align: right;">\$ 1,152</td> <td style="text-align: right;">\$ 1,842</td> </tr> <tr> <td>Fed Aid</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: right;">\$ -</td> <td style="text-align: center;">\$ 6,175</td> </tr> </tbody> </table>			Phase	≤ FY 2016	in STIP				Total	Federal Funding			FY 2017	FY 2018	FY 2019	FY 2020			PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete	PE	\$ 408	\$ 230	\$ 230	\$ 230	\$ 77	\$ 767	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,925	CO	\$ -	\$ -	\$ -	\$ -	\$ 1,075	\$ 1,075	Total Project Cost	Total	\$ 408	\$ 230	\$ 230	\$ 230	\$ 1,152	\$ 1,842	Fed Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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GA6462	US 219 (North) at I-68/US 40 Interchange Reconstruction	<ul style="list-style-type: none"> • MDOT STIP #GA6462 • MDOT FY 2016-2021 CTP p SHA-G-2 	Upgrade US 219 north of I-68 and construct a new interchange at I-68.																																																													
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APPENDIX L – SHA Rural Projects (Statewide)

Maryland Department of Transportation

FY 2017-2020 STIP SHA Rural Regionally Significant and Areawide Projects - Base Funding

GARRETT COUNTY (cont'd)

GA2062	Keyzers Ridge Maintenance Facility Facility Replacement		<ul style="list-style-type: none"> • MDOT STIP #GA2062 • MDOT FY 2016-2021 CTP p SHA-G-3 				Replacement of the maintenance facility in Keyzers Ridge.	
	Phase		<i>in STIP</i>				Federal Funding	
		≤ FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete
	PE	\$ 711	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	CO	\$ 10,684	\$ 772	\$ -	\$ -	\$ -	\$ 772	Total Project Cost
	Total	\$ 11,395	\$ 772	\$ -	\$ -	\$ -	\$ 772	
	<i>Fed Aid</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	\$ 12,167

GA5991	US 219 Realignment (North of Oakland to MD 135) Highway Design		<ul style="list-style-type: none"> • MDOT STIP #GA5991 • MDOT FY 2016-2021 CTP p SHA-G-4 				Relocate US 219 from north of Oakland to MD 135 (2.4 miles). This project will include appropriate bicycle and pedestrian facilities.	
	Phase		<i>in STIP</i>				Federal Funding	
		≤ FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ 1,280	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete
	PE	\$ 4,017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,400
	RW	\$ 4,412	\$ -	\$ -	\$ -	\$ -	\$ -	Total Project Cost
	CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Total	\$ 9,709	\$ -	\$ -	\$ -	\$ -	\$ -	
	<i>Fed Aid</i>	<i>\$ 3,472</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	\$ 74,109

GA6461	US 219 Corridor (I-68/US 40 to Pennsylvania State Line) Planning Study		<ul style="list-style-type: none"> • MDOT STIP #GA6461 • MDOT FY 2016-2021 CTP p SHA-G-5 				Study to reconstruct/relocate US 219 from I-68 to the Pennsylvania State Line (2.5 miles). This represents Maryland's portion of a larger US 219 study, from the Myersdale Bypass in Pennsylvania to I-68 in Maryland.	
	Phase		<i>in STIP</i>				Federal Funding	
		≤ FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ 3,778	\$ 312	\$ -	\$ -	\$ -	\$ 312	Balance to Complete
	PE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 108,100
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Total Project Cost
	CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Total	\$ 3,778	\$ 312	\$ -	\$ -	\$ -	\$ 312	
	<i>Fed Aid</i>	<i>\$ 2,415</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	\$ 112,190

AR1602	Keyzers Ridge Business Park Local Access Road Phase 1		<ul style="list-style-type: none"> • MDOT STIP #AR1602 • MDOT FY 2016-2021 CTP p A-22 				Construct the first phase of a local access road to connect Ridge Business Drive to Keyzers Ridge Business Park.	
	Phase		<i>in STIP</i>				Federal Funding	
		≤ FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete
	PE	\$ 50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Total Project Cost
	CO	\$ 350	\$ 350	\$ -	\$ -	\$ -	\$ 350	ARC LAR 100/0
	Total	\$ 400	\$ 350	\$ -	\$ -	\$ -	\$ 350	
	<i>Fed Aid</i>	<i>\$ 400</i>	<i>\$ 350</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ 350</i>	\$ 750

AR1603	Oakland Local Access Road Resurfacing		<ul style="list-style-type: none"> • MDOT STIP #AR1603 • MDOT FY 2016-2021 CTP p A-22 				Resurfacing various local roadways in Oakland.	
	Phase		<i>in STIP</i>				Federal Funding	
		≤ FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete
	PE	\$ -	\$ 75	\$ -	\$ -	\$ -	\$ 75	ARC LAR 100/0
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	CO	\$ -	\$ 425	\$ -	\$ -	\$ -	\$ 425	Total Project Cost
	Total	\$ -	\$ 500	\$ -	\$ -	\$ -	\$ 500	ARC LAR 100/0
	<i>Fed Aid</i>	<i>\$ -</i>	<i>\$ 500</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ 500</i>	\$ 500

APPENDIX L – SHA Rural Projects (Statewide)

Maryland Department of Transportation

FY 2017-2020 STIP SHA Rural Regionally Significant and Areawide Projects - Base Funding

GARRETT COUNTY (cont'd)

AR1604	Keysers Ridge Business Park Local Access Road Phase		<ul style="list-style-type: none"> • MDOT STIP #AR1604 • MDOT FY 2016-2021 CTP p A-22 				Construct the second and final phase of a local access road to connect Ridge Business Drive to Keysers Ridge Business Park.	
	Phase		<i>in STIP</i>				Federal Funding	
		≤ FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete
	PE	\$ -	\$ 50	\$ -	\$ -	\$ -	\$ 50	ARC LAR 100/0
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	CO	\$ -	\$ -	\$ 350	\$ 350	\$ -	\$ 700	Total Project
	Total	\$ -	\$ 50	\$ 350	\$ 350	\$ -	\$ 750	Cost
	<i>Fed Aid</i>	<i>\$ -</i>	<i>\$ 50</i>	<i>\$ 350</i>	<i>\$ 350</i>	<i>\$ -</i>	<i>\$ 750</i>	\$ 750

KENT COUNTY

- no projects -

QUEEN ANNE'S COUNTY

QA2651	US 301 Interchange at MD 304 Interchange Construction		<ul style="list-style-type: none"> • MDOT STIP #QA2651 • MDOT FY 2016-2021 CTP p SHA-QA-1 				Construct a new interchange at MD 304. Shoulders on MD 304 will accommodate bicycles and pedestrians. J-turns at the intersection of US 301 and MD 305 are also being constructed as part of the project.	
	Phase		<i>in STIP</i>				Federal Funding	
		≤ FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ 1,099	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete
	PE	\$ 3,612	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	RW	\$ 3,872	\$ 426	\$ 248	\$ -	\$ -	\$ 674	Total Project
	CO	\$ 18,765	\$ 16,190	\$ -	\$ -	\$ -	\$ 16,190	NHPP 80/20, NH 80/20
	Total	\$ 27,348	\$ 16,616	\$ 248	\$ -	\$ -	\$ 16,864	Cost
	<i>Fed Aid</i>	<i>\$ 4,370</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	\$ 44,212

AW8962	MD 404 Phase 1B (West of MD 309 to Cemetery Road) Highway Dualization		<ul style="list-style-type: none"> • MDOT STIP #AW8962 • MDOT FY 2016-2021 CTP p SHA-QA-2 				Upgrade existing MD 404 from west of MD 309 to Cemetery Road (Phase 1B) (1.1 miles). Shoulders will accommodate bicycles and pedestrians.	
	- see CAROLINE COUNTY -							

APPENDIX L – SHA Rural Projects (Statewide)

Maryland Department of Transportation

FY 2017-2020 STIP SHA Rural Regionally Significant and Areawide Projects - Base Funding

QUEEN ANNE'S COUNTY (cont'd)										
AW8961	MD 404 (US 50 to MD 309 and West of Hillsboro Road to Holly Road) Highway Dualization		<ul style="list-style-type: none"> • MDOT STIP #AW8961 • MDOT FY 2016-2021 CTP p SHA-QA-3 				Upgrade existing MD 404 to a 4 lane divided highway with access controls from US 50 to MD 309 (5.8 miles) and west of Hillsboro Road to Holly Road (3.4 miles). Shoulders will accommodate bicycles and pedestrians.			
	- see CAROLINE COUNTY -									
QA2367	US 50 Corridor (US 301 to MD 404) Planning Study		<ul style="list-style-type: none"> • MDOT STIP #QA2367 • MDOT FY 2016-2021 CTP p SHA-QA-4 				Widening 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			
	Phase		≤ FY 2016		in STIP				Federal Funding	
			FY 2017	FY 2018	FY 2019	FY 2020	Total			
	PP	\$ 1,557	\$ -	\$ -	\$ -	\$ -	\$ -		Balance to Complete	
	PE	\$ 6,723	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 530,300	
	RW	\$ 9,791	\$ 2,223	\$ -	\$ -	\$ -	\$ 2,223		Total Project Cost	
	CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Total	\$ 18,071	\$ 2,223	\$ -	\$ -	\$ -	\$ 2,223				
Fed Aid	\$ 7,873	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 550,594		
SAINT MARY'S COUNTY										
SM2021	MD 5 at Abell Street/Moakley Street Intersection Reconstruction		<ul style="list-style-type: none"> • MDOT STIP #SM2021 • MDOT FY 2016-2021 CTP p SHA-SM-1 				Intersection improvements at MD 5 (Point Lookout Road) and Abell Street/Moakley Street.			
	Phase		≤ FY 2016		in STIP				Federal Funding	
			FY 2017	FY 2018	FY 2019	FY 2020	Total			
	PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		Balance to Complete	
	PE	\$ 757	\$ 930	\$ 465	\$ -	\$ -	\$ 1,395		\$ 4,248	
	RW	\$ 249	\$ 919	\$ 919	\$ 919	\$ 919	\$ 3,676		Total Project Cost	STBG 78/22
	CO	\$ -	\$ -	\$ -	\$ 471	\$ 868	\$ 1,339			
Total	\$ 1,006	\$ 1,849	\$ 1,384	\$ 1,390	\$ 1,787	\$ 6,410				
Fed Aid	\$ -	\$ -	\$ -	\$ 409	\$ 753	\$ 1,162		\$ 11,664		
SM7741	MD 5 (South of Camp Brown Road to Causeway) Highway Reconstruction		<ul style="list-style-type: none"> • MDOT STIP #SM7741 • MDOT FY 2016-2021 CTP p SHA-SM-2 				Upgrade and widen MD 5 to provide shoulders from south of Camp Brown Road to the Ranger Station (2.0 miles).			
	Phase		≤ FY 2016		in STIP				Federal Funding	
			FY 2017	FY 2018	FY 2019	FY 2020	Total			
	PP	\$ 455	\$ -	\$ -	\$ -	\$ -	\$ -		Balance to Complete	
	PE	\$ 1,415	\$ 689	\$ 689	\$ -	\$ -	\$ 1,378		\$ 5,375	STP 80/20
	RW	\$ 171	\$ 678	\$ 678	\$ 678	\$ 678	\$ 2,712		Total Project Cost	STP 80/20
	CO	\$ -	\$ -	\$ -	\$ 3,341	\$ 9,053	\$ 12,394			
Total	\$ 2,041	\$ 1,367	\$ 1,367	\$ 4,019	\$ 9,731	\$ 16,484				
Fed Aid	\$ 427	\$ 529	\$ 529	\$ 3,425	\$ 8,377	\$ 12,860		\$ 23,900		
SM3521	MD 5 Corridor (MD 243 to MD 245) Planning Study		<ul style="list-style-type: none"> • MDOT STIP #SM3521 • MDOT FY 2016-2021 CTP p SHA-SM-5 				Study to upgrade MD 5 between MD 243 and MD 245 (1.4 miles). Sidewalks will be included where appropriate for pedestrians. Wide curb lanes will accommodate bicycles. Shoulders will accommodate Amish buggies.			
	Phase		≤ FY 2016		in STIP				Federal Funding	
			FY 2017	FY 2018	FY 2019	FY 2020	Total			
	PP	\$ 2,174	\$ 151	\$ -	\$ -	\$ -	\$ 151		Balance to Complete	
	PE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 63,600	
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		Total Project Cost	
	CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Total	\$ 2,174	\$ 151	\$ -	\$ -	\$ -	\$ 151				
Fed Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 65,925		

APPENDIX L – SHA Rural Projects (Statewide)

Maryland Department of Transportation

FY 2017-2020 STIP SHA Rural Regionally Significant and Areawide Projects - Base Funding

SOMERSET COUNTY

SO4091	MD 822 Intersection at MD 675 Roundabout Construction		<ul style="list-style-type: none"> • MDOT STIP #SO4091 • MDOT FY 2016-2021 CTP p SHA-SO-2 		Constructed a roundabout at the MD 675 intersection and sidewalks along MD 675.			
	Phase		<i>in STIP</i>				Federal Funding	
		≤ FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete
	PE	\$ 582	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	RW	\$ 332	\$ 5	\$ 31	\$ -	\$ -	\$ 36	\$ -
	CO	\$ 4,380	\$ -	\$ -	\$ -	\$ -	\$ -	Total Project Cost
Total	\$ 5,294	\$ 5	\$ 31	\$ -	\$ -	\$ 36		
<i>Fed Aid</i>	<i>\$ 3,697</i>	<i>\$ 5</i>	<i>\$ 31</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ 36</i>	\$ 5,330	

TALBOT COUNTY

AW8961	MD 404 (US 50 to MD 309 and West of Hillsboro Road to Holly Road) Highway Dualization		<ul style="list-style-type: none"> • MDOT STIP #AW8961 • MDOT FY 2016-2021 CTP p SHA-T-1 		Upgrade existing MD 404 to a 4 lane divided highway with access controls from US 50 to MD 309 (5.8 miles) and west of Hillsboro Road to Holly Road (3.4 miles). Shoulders will accommodate bicycles and pedestrians.	
	- see CAROLINE COUNTY -					

TA3921	MD 331 Choptank River Bridge 20023 Bridge Replacement		<ul style="list-style-type: none"> • MDOT STIP #TA3921 • MDOT FY 2016-2021 CTP p SHA-T-2 		Replace Bridge 20023 over Choptank River. The new span will be located south of the existing roadway and provide a 50 foot river clearance. Shoulders will accommodate bicycles and pedestrians.			
	Phase		<i>in STIP</i>				Federal Funding	
		≤ FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ 584	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete
	PE	\$ 1,675	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	RW	\$ 1,479	\$ 1,584	\$ 660	\$ -	\$ -	\$ 2,244	\$ -
	CO	\$ 31,616	\$ 12,653	\$ 11,118	\$ -	\$ -	\$ 23,771	Total Project Cost
Total	\$ 35,354	\$ 14,237	\$ 11,778	\$ -	\$ -	\$ 26,015		
<i>Fed Aid</i>	<i>\$ 27,179</i>	<i>\$ 10,612</i>	<i>\$ 9,355</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ 19,967</i>	\$ 61,369	

TA2951	Easton Maintenance Facility Facility Replacement		<ul style="list-style-type: none"> • MDOT STIP #TA2951 • MDOT FY 2017-2022 CTP p tbd 		Improve existing lab/office buildings and design new maintenance buildings as well as associated facilities.			
	Phase		<i>in STIP</i>				Federal Funding	
		≤ FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total	
	PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete
	PE	\$ 2,125	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	CO	\$ -	\$ 4,855	\$ 5,528	\$ 5,528	\$ 3,311	\$ 19,222	Total Project Cost
Total	\$ 2,125	\$ 4,855	\$ 5,528	\$ 5,528	\$ 3,311	\$ 19,222		
<i>Fed Aid</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	\$ 21,347	

APPENDIX L – SHA Rural Projects (Statewide)

Maryland Department of Transportation

FY 2017-2020 STIP SHA Rural Regionally Significant and Areawide Projects - Base Funding

WORCESTER COUNTY

WO6681	US 113 Phase 4 (North of MD 365 to Five Mile Branch) Highway Dualization		<ul style="list-style-type: none"> • MDOT STIP #WO6681 • MDOT FY 2016-2021 CTP p SHA-WO-2 				Upgrade existing US 113 as a 4 lane divided highway, including access controls from north of MD 365, Public Landing Road, to Five Mile Branch (4.3 miles). Shoulders will accommodate bicycles and pedestrians.			
	Phase		in STIP					Federal Funding		
	≤ FY 2016		FY 2017	FY 2018	FY 2019	FY 2020	Total			
	PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete		
	PE	\$ 5,340	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,655	NHPP 80/20	
	RW	\$ 882	\$ 4,000	\$ 4,000	\$ 4,000	\$ 2,666	\$ 14,666	Total Project	NHPP 78/22	
	CO	\$ -	\$ 4,471	\$ 10,529	\$ 14,710	\$ 15,194	\$ 44,904	Cost		
	Total	\$ 6,222	\$ 8,471	\$ 14,529	\$ 18,710	\$ 17,860	\$ 59,570			
	Fed Aid	\$ 4,255	\$ 6,487	\$ 11,213	\$ 14,474	\$ 12,526	\$ 44,700	\$ 90,447		
	WO6361	US 113 Phase 3 (Five Mile Branch to Massey Branch) Highway Dualization		<ul style="list-style-type: none"> • MDOT STIP #WO6361 • MDOT FY 2016-2021 CTP p SHA-WO-3 				Upgrade existing US 113 as a 4 lane divided highways, Massey Branch to Five Mile Branch (Phase 3) (4.6 miles). Shoulders will accommodate bicycles and pedestrians.		
Phase		in STIP					Federal Funding			
≤ FY 2016		FY 2017	FY 2018	FY 2019	FY 2020	Total				
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete		
PE		\$ 3,207	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
RW		\$ 4,504	\$ 2,964	\$ 2,448	\$ 191	\$ -	\$ 5,603	Total Project		
CO		\$ 19,768	\$ 17,310	\$ -	\$ -	\$ -	\$ 17,310	Cost	NHPP 80/20, STP-M 80/20, NHPP 78/22	
Total		\$ 27,479	\$ 20,274	\$ 2,448	\$ 191	\$ -	\$ 22,913			
Fed Aid		\$ 19,496	\$ 15,458	\$ 1,208	\$ -	\$ -	\$ 16,666	\$ 50,392		
WO4191		US 50 Sinepuxent Bay Bridge 23007 Upgrade Study		<ul style="list-style-type: none"> • MDOT STIP #WO4191 • MDOT FY 2016-2021 CTP p SHA-WO-4 				Study to replace Bridge 23007 over the Sinepuxent Bay. The study will investigate options to eliminate/upgrade the drawspan structure. Shoulders or wide curb lanes and sidewalks will accommodate bicycles and pedestrians.		
	Phase		in STIP					Federal Funding		
	≤ FY 2016		FY 2017	FY 2018	FY 2019	FY 2020	Total			
	PP	\$ 2,907	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete		
	PE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 341,000		
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Total Project		
	CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Cost		
	Total	\$ 2,907	\$ -	\$ -	\$ -	\$ -	\$ -			
	Fed Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 343,907		
	WO3151	MD 589 Corridor (US 50 to US 113) Planning Study		<ul style="list-style-type: none"> • MDOT STIP #WO3151 • MDOT FY 2016-2021 CTP p SHA-WO-5 				Study for potential improvements to the existing MD 589 corridor from US 50 to US 113 (4.7 miles). Study includes potential shared-use path and sidewalks to accommodate bicycles and pedestrians.		
Phase		in STIP					Federal Funding			
≤ FY 2016		FY 2017	FY 2018	FY 2019	FY 2020	Total				
PP		\$ 1,417	\$ -	\$ -	\$ -	\$ -	\$ -	Balance to Complete		
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 313,300		
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Total Project		
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Cost		
Total		\$ 1,417	\$ -	\$ -	\$ -	\$ -	\$ -			
Fed Aid		\$ 246	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 314,717		