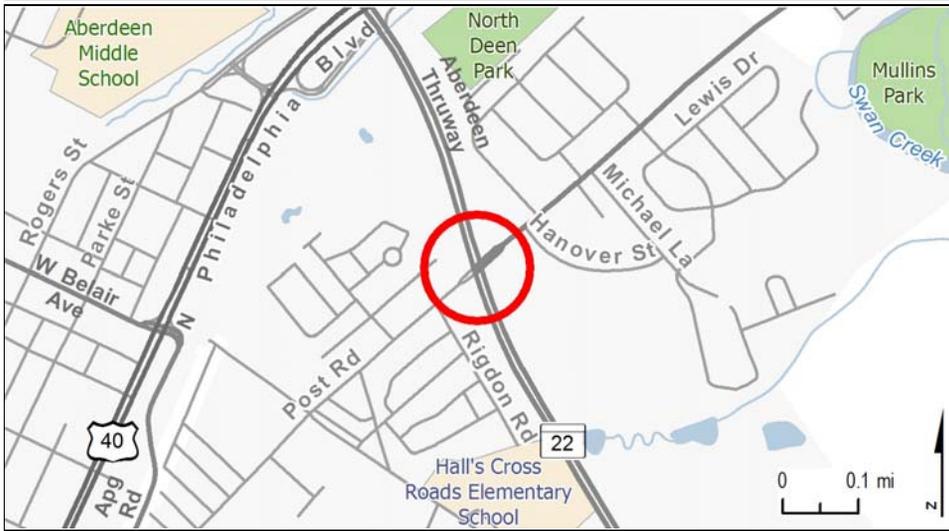




HARFORD COUNTY



PROJECT: MD 22, Aberdeen Thruway

DESCRIPTION: Intersection improvements at Old Post Road. (BRAC Intersection Improvements)

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and operations at MD 22 and Old Post Road. It will also improve access to Aberdeen Proving Grounds (APG) to support BRAC expansion.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input checked="" type="checkbox"/> Community Vitality |
| <input type="checkbox"/> Quality of Service | <input checked="" type="checkbox"/> Economic Prosperity |

ASSOCIATED IMPROVEMENTS:

- MD 22, at Beards Hill Road (Line 2)
- MD 22, at MD 462 (Line 3)
- BRAC Intersection Improvements at APG (Statewide Line 7)

EXPLANATION: This project includes intersection capacity improvements. The improvements will address operational and safety concerns and provide improved access to APG. This project supports economic development in and around APG in Harford County.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None.

PHASE	POTENTIAL FUNDING SOURCE:				PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	TOTAL EXPEND THRU 2015	TOTAL CURRENT YEAR 2016	TOTAL BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY						
					.....2018.....	.....2019.....	.....2020.....	.....2021.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0
Right-of-way	1,815	1,226	461	128	0	0	0	0	0	589	0
Construction	7,428	3,323	4,105	0	0	0	0	0	0	4,105	0
Total	9,243	4,549	4,566	128	0	0	0	0	0	4,694	0
Federal-Aid	7,297	3,420	3,749	128	0	0	0	0	0	3,877	0

CLASSIFICATION:

STATE - Urban Freeway/Expressway

FEDERAL - Freeway/Expressway

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2015) - 25,300

PROJECTED (2035) - 49,700



PROJECT: MD 22, Aberdeen Thruway

DESCRIPTION: Intersection improvements at Beards Hill Road. (BRAC Intersection Improvements)

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and operations at the MD 22 and Beards Hill Road intersection. It will improve access to the Aberdeen Proving Grounds and commercial activities in the area.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

ASSOCIATED IMPROVEMENTS:

- MD 22, at Old Post Road (Line 2)
- MD 22, at MD 462 (Line 3)
- BRAC Intersection Improvements at APG (Statewide Line 7)

EXPLANATION: This project includes intersection improvements to accommodate growth from BRAC. The improvement will address operational and safety concerns, support freight movement, and provide improved access to the Aberdeen Proving Grounds. This project supports economic development in and around APG in Harford County.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	9	9	0	0	0	0	0	0	0	0
Right-of-way	4,750	3,205	754	491	300	0	0	0	1,545	0
Construction	10,936	1,325	4,340	5,271	0	0	0	0	9,611	0
Total	15,695	4,539	5,094	5,762	300	0	0	0	11,156	0
Federal-Aid	12,796	3,641	4,179	4,736	240	0	0	0	9,155	0

CLASSIFICATION:

STATE - Urban Freeway/Expressway

FEDERAL - Freeway/Expressway

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2015) - 31,900

PROJECTED (2035) - 49,450



PROJECT: MD 22, Aberdeen Thruway

DESCRIPTION: Intersection improvements at MD 462 (Paradise Road). (BRAC Intersection Improvements)

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and operations at the MD 22 and MD 462 intersections and provide improved access to the Aberdeen Proving Grounds.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

ASSOCIATED IMPROVEMENTS:

- MD 22, at Old Post Road (Line 1)
- MD 22, at Beards Hill Road (Line 2)
- BRAC Intersection Improvements at APG (Statewide Line 7)

EXPLANATION: This project includes intersection improvements to accommodate growth from BRAC. The improvement will address operational and safety concerns, support freight movement, and provide improved access to the Aberdeen Proving Grounds. This project supports economic development in and around APG in Harford County.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: The cost decrease of \$1.0 million is due to a favorable bid price.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY					
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	9,200	7,407	568	525	525	175	0	0	1,793	0
Construction	10,983	690	3,561	4,479	2,253	0	0	0	10,293	0
Total	20,183	8,097	4,129	5,004	2,778	175	0	0	12,086	0
Federal-Aid	16,888	7,887	3,079	3,713	2,072	137	0	0	9,001	0

CLASSIFICATION:

STATE - Urban Freeway/Expressway

FEDERAL - Freeway/Expressway

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2015) - 29,750

PROJECTED (2035) - 54,000



PROJECT: MD 24, Rocks Road

DESCRIPTION: MD 24 was resurfaced and reconstructed including slope repair and guardrail replacement. The northern section (Section A) extends from Deer Creek Bridge to 1,800 feet south of the bridge.

PURPOSE & NEED SUMMARY STATEMENT: The purpose of these projects is to improve the road safety by remediating the slopes supporting MD 24, repairing the pavement, improving roadway drainage and addressing roadside safety concerns.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS: MD 24, Sharon Road to Ferncliff Lane (Section G) (Line 6)

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: This section of MD 24 travels through Rocks State Park and parallels Deer Creek. The reconstruction of MD 24 will be designed to preserve the historic and aesthetic value of the state park and at the same time preserve the operational and safety aspects of the state roadway.

STATUS: Open to Service.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	3,108	3,108	0	0	0	0	0	0	0	0
Right-of-way	100	67	33	0	0	0	0	0	33	0
Construction	6,393	6,393	0	0	0	0	0	0	0	0
Total	9,601	9,568	33	0	0	0	0	0	33	0
Federal-Aid	4,992	4,992	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Major Collector

FEDERAL - Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2015) - 4,350

PROJECTED (2035) - 7,750



PROJECT: US 40. Pulaski Highway

DESCRIPTION: Construct intersection improvements on US 40 at the MD 7/MD 159 (Phase 2) to support the Base Realignment and Closure (BRAC) initiative.

PURPOSE & NEED SUMMARY STATEMENT: Improve capacity at the intersection of US 40 with MD 7 and MD 159, in an effort to improve access to the Aberdeen Proving Grounds.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: The project includes capacity and geometric improvements that will improve safety and operations of the intersection. The intersection is a major access point to the Aberdeen Proving Grounds and Aberdeen's surrounding industrial park area.

STATUS: Right-of-Way underway. Construction to begin during current fiscal year.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: The cost decrease of \$2.4 million is due to a revised engineers estimate.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	2,695	1,265	631	681	118	0	0	0	1,430	0
Construction	15,369	0	2,092	4,376	4,870	4,031	0	0	15,369	0
Total	18,064	1,265	2,723	5,057	4,988	4,031	0	0	16,799	0
Federal-Aid	13,357	1,009	1,823	3,582	3,799	3,144	0	0	12,348	0

CLASSIFICATION:

STATE - Other Principal Arterial

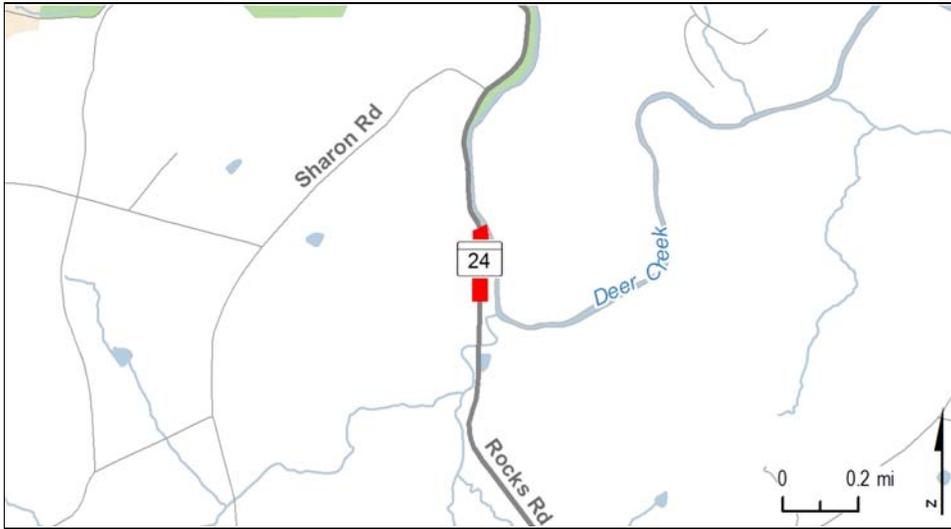
FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2015) - 36,600

PROJECTED (2035) - 75,300



PROJECT: MD 24, Rocks Road

DESCRIPTION: MD 24 will be resurfaced and reconstructed including slope repair and guardrail replacement. This is the southern section (Section G) which extends from 900 feet south of Sharon Road to 1,700 feet north of Ferncliff Lane.

JUSTIFICATION: The purpose of these projects is to improve the road safety by remediating the slope supporting MD 24, repairing the pavement, improving roadway drainage and addressing roadside safety concerns.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:
 MD 24, at Deer Creek Bridge (Section A) (Line 4)

STATUS: Engineering underway. Right-of-Way to begin during current fiscal year.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Added \$1.0 million to Engineering.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	PROJECT CASH FLOW										SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY							
					.....2018.....	.....2019.....	.....2020.....	.....2021.....			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	1,375	357	350	350	318	0	0	0	0	1,018	0	
Right-of-way	137	0	5	132	0	0	0	0	0	137	0	
Construction	0	0	0	0	0	0	0	0	0	0	0	
Total	1,512	357	355	482	318	0	0	0	0	1,155	0	
Federal-Aid	1,021	265	260	260	236	0	0	0	0	756	0	

CLASSIFICATION:

STATE - N/A

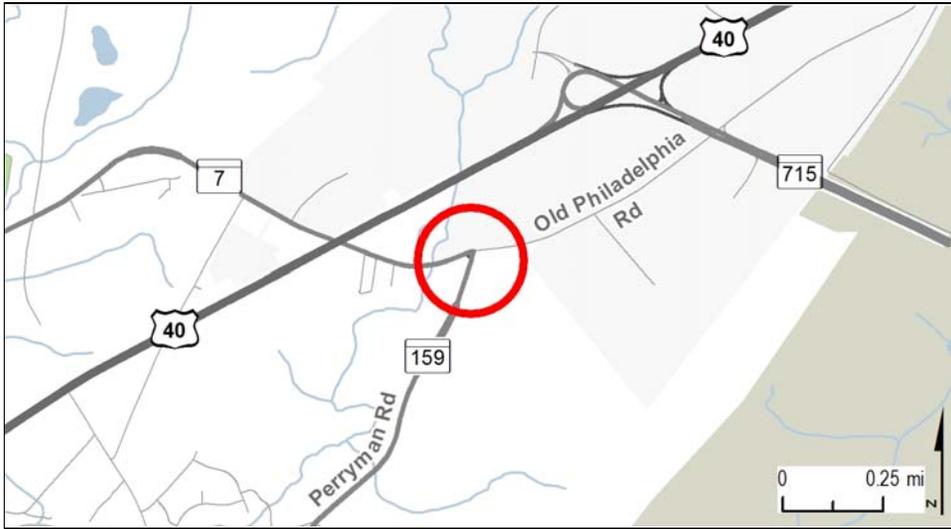
FEDERAL - Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2015) - 4,350

PROJECTED (2035) - 7,750



PROJECT: MD 159, Philadelphia Road Improvement Project

DESCRIPTION: Study to provide improved access from the Perryman Peninsula to the state road network. The final recommendation was a proposed one-lane roundabout at MD 159 and Old Philadelphia Road. (BRAC Related)

JUSTIFICATION: This project would improve access to the planned growth area of the Perryman Peninsula and improve the safety and operation of the area road network. This project includes the transfer of MD 159 to the County after construction.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

US 40, at MD 7/MD 159 (Phase 2) (Line 5)
 BRAC Intersection Improvements at APG (Statewide Line 7)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	248	248	0	0	0	0	0	0	0	0
Engineering	138	138	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	386	386	0	0	0	0	0	0	0	0
Federal-Aid	106	106	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - N/A

FEDERAL - Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2015) - 6,700

PROJECTED (2035) - 18,200



PROJECT: US 1, Belair Road

DESCRIPTION: Study to reconstruct US 1 to a multi-lane highway from MD 152 to the Hickory Bypass (5.50 miles). Sidewalks will be included where appropriate and shoulders will accommodate bicycles.

JUSTIFICATION: This project would improve the safety and operations on US 1.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

STATUS: Planning complete.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	PROJECT CASH FLOW										SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY							
					.....2018.....	.....2019.....	.....2020.....	.....2021.....			
Planning	2,270	2,270	0	0	0	0	0	0	0	0	0	
Engineering	0	0	0	0	0	0	0	0	0	0	0	
Right-of-way	286	286	0	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	0	
Total	2,556	2,556	0	0	0	0	0	0	0	0	0	
Federal-Aid	979	979	0	0	0	0	0	0	0	0	0	

CLASSIFICATION:

STATE - N/A

FEDERAL - Freeway/Expressway

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2015) - 30,550

PROJECTED (2035) - 54,100

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- HARFORD COUNTY LINE 9

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2015
<u>Fiscal Year 2015 Completions</u>				
<u>Safety/Spot Improvement</u>				
1	MD 24	Vietnam Veterans Memorial Highway; East of MD 924 to West MacPhail Road; guardrail	636	Completed
<u>TMDL Compliance</u>				
2	MD 23	Norrisville Road; Magness Farm Stream Restoration; wetlands replacement	98	Completed
<u>Fiscal Years 2016 and 2017</u>				
<u>Resurface/Rehabilitate</u>				
3		At various locations in Harford County east of US 1; resurface	6,481	Under construction
4		At various locations in Harford County - west of US 1; resurface	6,429	Under construction
5	MD 22	Churchville Road; Prospect Mill Road to MD 136; resurface	7,493	FY 2017
6	US 40 EB	Pulaski Highway; Long Bar Harbor to Spesutia Road; safety and resurface	3,748	Under construction
7	MD 924	Emmorton Road; St Clair Drive to Holly Wreath Court; resurface	1,700	Under construction
<u>Bridge Replacement/Rehabilitation</u>				
8	MD 7	Philadelphia Road; replace structure 12107X0 over Tributary of Bynum Run	1,473	Under construction
<u>Safety/Spot Improvement</u>				
9	US 40	Pulaski Highway; MD 132 (West Belair Road) to Robinson Avenue; resurface	1,734	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- HARFORD COUNTY LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2015
<u>Fiscal Years 2016 and 2017 (cont'd)</u>				
<u>Safety/Spot Improvement (cont'd)</u>				
10	MD 623	Castleton Road; Franklin Church Road to Glen Cove Road; drainage improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,288	FY 2017
<u>Urban Reconstruction</u>				
11	MD 755	Edgewood Road; Willoughby Beach Road to MARC Station; pedestrian safety and drainage improvements (Transportation Infrastructure Investment Act of 2013)	5,479	Under construction