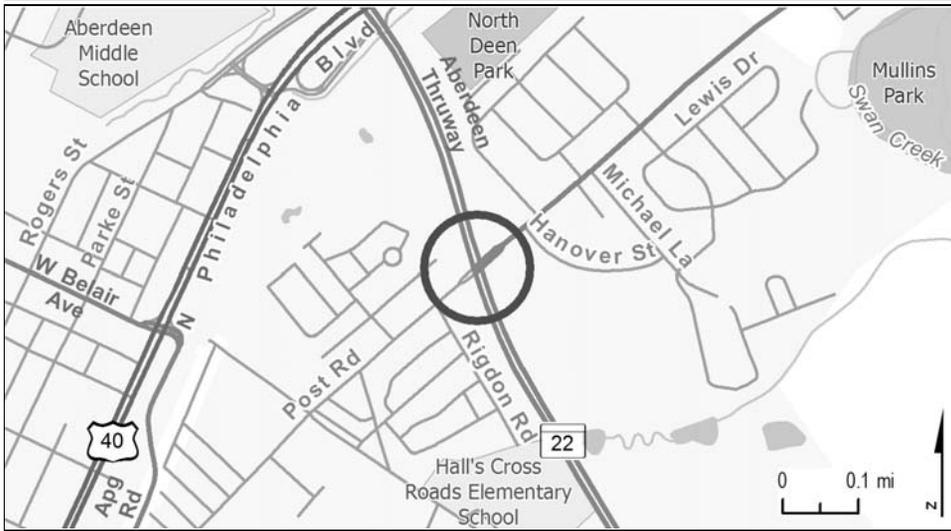




***HARFORD COUNTY***





**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

**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)

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

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

**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.

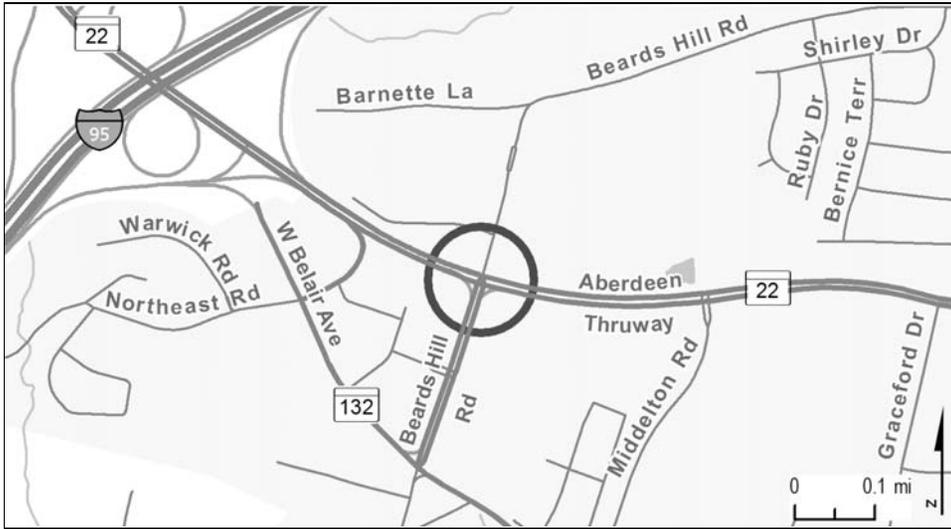
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL				PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2015	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	1,833	1,078	408	347	0	0	0	0	755	0	
Construction	7,630	2,771	4,859	0	0	0	0	0	4,859	0	
<b>Total</b>	<b>9,463</b>	<b>3,849</b>	<b>5,267</b>	<b>347</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,614</b>	<b>0</b>	
Federal-Aid	7,266	2,720	4,254	292	0	0	0	0	4,546	0	

**CLASSIFICATION:**

STATE - Intermediate Arterial  
 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 1)
- 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	5,582	2,938	1,556	511	577	0	0	0	2,644	0
Construction	10,913	1,126	4,106	5,681	0	0	0	0	9,787	0
Total	16,504	4,073	5,662	6,192	577	0	0	0	12,431	0
Federal-Aid	13,429	3,235	4,644	5,089	461	0	0	0	10,194	0

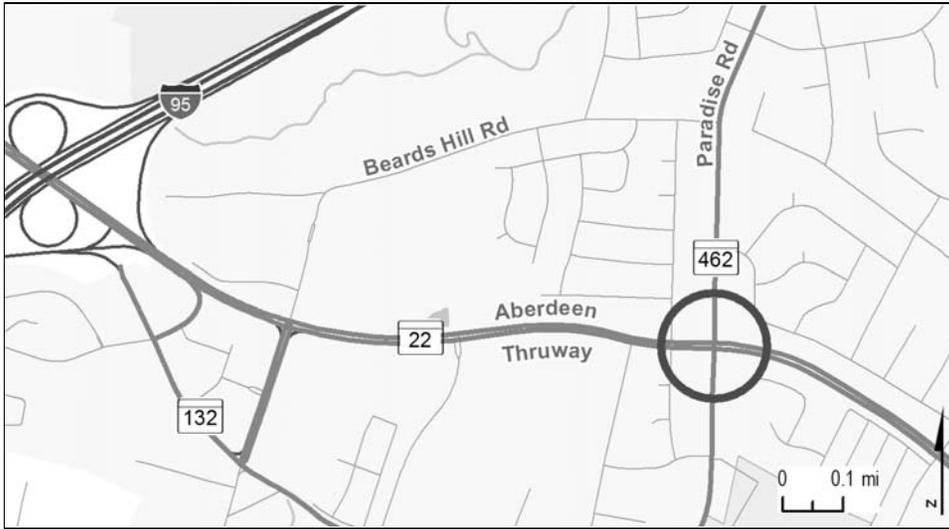
**CLASSIFICATION:**

- STATE - Intermediate Arterial
- 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 \$1.4 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									
	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	8,757	7,286	589	460	422	0	0	0	1,471	0
Construction	11,019	54	3,823	4,795	2,347	0	0	0	10,965	0
Total	19,776	7,340	4,412	5,255	2,769	0	0	0	12,436	0
Federal-Aid	16,308	7,325	3,222	3,764	1,997	0	0	0	8,983	0

**CLASSIFICATION:**

STATE - Intermediate Arterial  
 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	TOTAL			PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	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	3,108	3,107	0	0	0	0	0	0	0	1		
Right-of-way	74	74	0	0	0	0	0	0	0	0		
Construction	5,793	5,782	11	0	0	0	0	0	11	0		
Total	8,975	8,963	11	0	0	0	0	0	11	1		
Federal-Aid	4,547	4,539	8	0	0	0	0	0	8	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. City of Aberdeen contributed \$0.1 million towards Construction and Harford County contributed \$3.0 million towards Construction.

**SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP:** The cost decrease of \$1.3 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	2,696	1,152	607	814	123	0	0	0	1,544	0
Construction	16,548	0	1,452	5,132	6,010	3,954	0	0	16,548	0
<b>Total</b>	<b>19,244</b>	<b>1,152</b>	<b>2,059</b>	<b>5,946</b>	<b>6,133</b>	<b>3,954</b>	<b>0</b>	<b>0</b>	<b>18,092</b>	<b>0</b>
Federal-Aid	12,682	910	1,410	3,534	4,118	2,710	0	0	11,772	0

**CLASSIFICATION:**

STATE - Intermediate Arterial

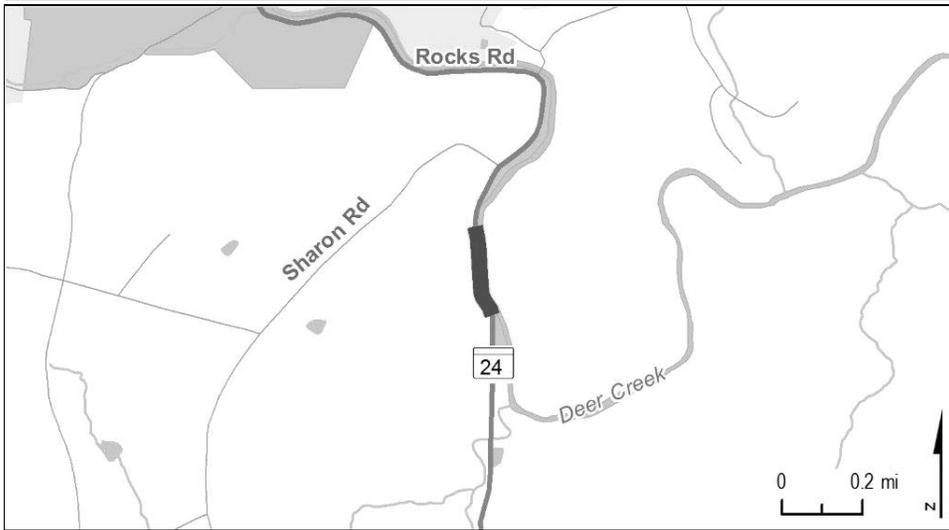
FEDERAL - Other Principal Arterial

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.

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

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	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	345	350	350	330	0	0	0	0	1,030	0
Right-of-way	137	0	0	0	137	0	0	0	0	137	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	1,512	345	350	350	467	0	0	0	0	1,167	0
Federal-Aid	1,021	256	260	260	245	0	0	0	0	765	0

POTENTIAL FUNDING SOURCE:  SPECIAL  FEDERAL  GENERAL  OTHER

**CLASSIFICATION:**

STATE - Major Collector

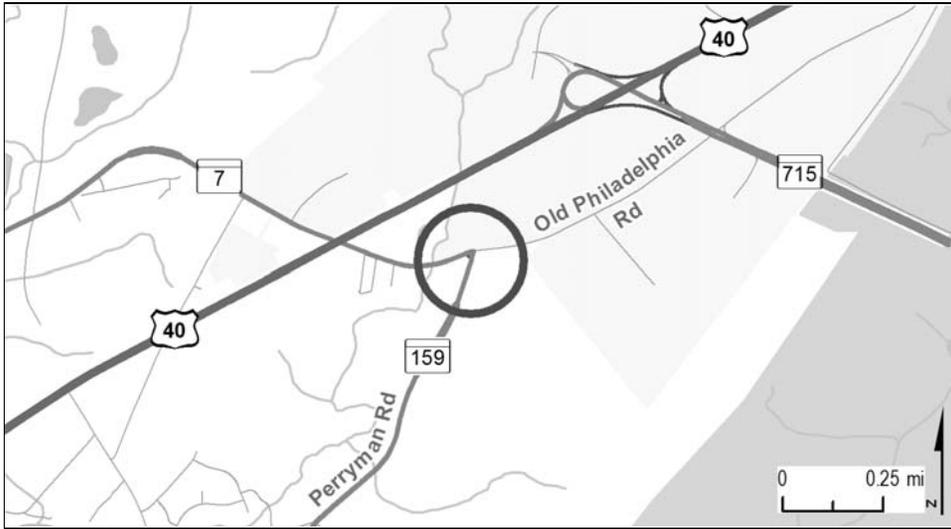
FEDERAL - Major Collector

STATE SYSTEM: Secondary

**Annual Average Daily Traffic (vehicles per day)**

CURRENT (2015) - 4,350

PROJECTED (2035) - 7,750



**PROJECT:** 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
					.....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 - Minor Collector

FEDERAL - Minor Arterial

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
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	286	286	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	2,556	2,556	0	0	0	0	0	0	0	0
Federal-Aid	979	979	0	0	0	0	0	0	0	0

**CLASSIFICATION:**

STATE - Intermed./Minor Arterial

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 December 1, 2015
<b><u>Fiscal Year 2016 Completions</u></b>				
<b><u>Safety/Spot Improvement</u></b>				
1	MD 24	Vietnam Veterans Memorial Highway; East of MD 924 to West MacPhail Road; guardrail	636	Completed
<b><u>TMDL Compliance</u></b>				
2	MD 23	Norrisville Road; Magness Farm Stream Restoration; wetlands replacement	98	Completed
<b><u>Fiscal Years 2017 and 2018</u></b>				
<b><u>Resurface/Rehabilitate</u></b>				
3		At various locations in west Harford County; mill and resurface	20,103	FY 2016
4		At various locations in east Harford County; mill and resurface	18,314	FY 2016
5		At various locations in Harford County east of US 1; resurface	6,481	Under construction
6		At various locations in Harford County - west of US 1; resurface	6,429	Under construction
7	MD 7	Philadelphia Road; MD 24 to Abington Road; safety and resurface	2,174	FY 2016
8	MD 22	Churchville Road; Prospect Mill Road to MD 136; resurface	7,493	FY 2017
9	US 40 EB	Pulaski Highway; Long Bar Harbor to Spesutia Road; safety and resurface	3,748	Under construction
10	MD 924	Emmorton Road; St Clair Drive to Holly Wreath Court; resurface	1,700	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 December 1, 2015
<b><u>Fiscal Years 2017 and 2018 (cont'd)</u></b>				
<b><u>Bridge Replacement/Rehabilitation</u></b>				
11	MD 7	Philadelphia Road; replace structure 12107X0 over Tributary of Bynum Run	1,473	Completed
<b><u>Safety/Spot Improvement</u></b>				
12	US 40	Pulaski Highway; MD 132 (West Bel Air Avenue) to Robinson Avenue; resurface	1,734	Completed
13	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
<b><u>Urban Reconstruction</u></b>				
14	MD 755	Edgewood Road; Willoughby Beach Road to MARC Station; pedestrian safety and drainage improvements (Transportation Infrastructure Investment Act of 2013)	6,700	Under construction
<b><u>TMDL Compliance</u></b>				
15		Tree planting at various locations in Harford County; landscape (Transportation Infrastructure Investment Act of 2013)	1,772	Under construction