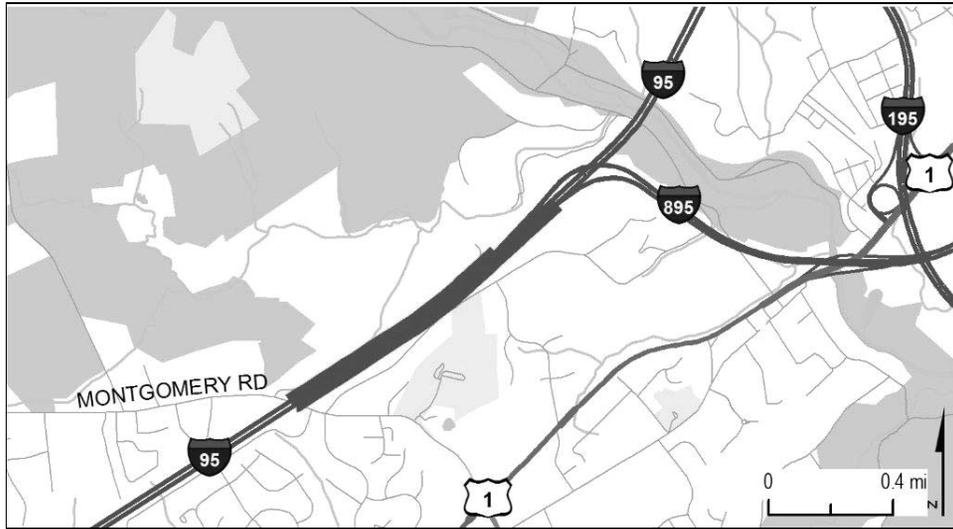




***HOWARD COUNTY***





**PROJECT:** I-95

**DESCRIPTION:** Construct a noisewall along I-95, from the Montgomery Road overpass to the I-895 interchange.

**PURPOSE & NEED SUMMARY STATEMENT:** This project will reduce noise generated by traffic along I-95 in the Lawyers Hill community.

**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
- Environmental Stewardship
- System Preservation
- Community Vitality
- Quality of Service
- Economic Prosperity

**EXPLANATION:** This project will reduce noise generated by traffic on I-95, from the Montgomery Road overpass to I-895 in the Lawyers Hill community.

**STATUS:** Construction underway.

**SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP:** None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,321	1,318	3	0	0	0	0	0	3	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	11,011	1,603	6,473	2,935	0	0	0	0	9,408	0
<b>Total</b>	<b>12,332</b>	<b>2,921</b>	<b>6,476</b>	<b>2,935</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,411</b>	<b>0</b>
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**CLASSIFICATION:**

STATE - Urban Interstate

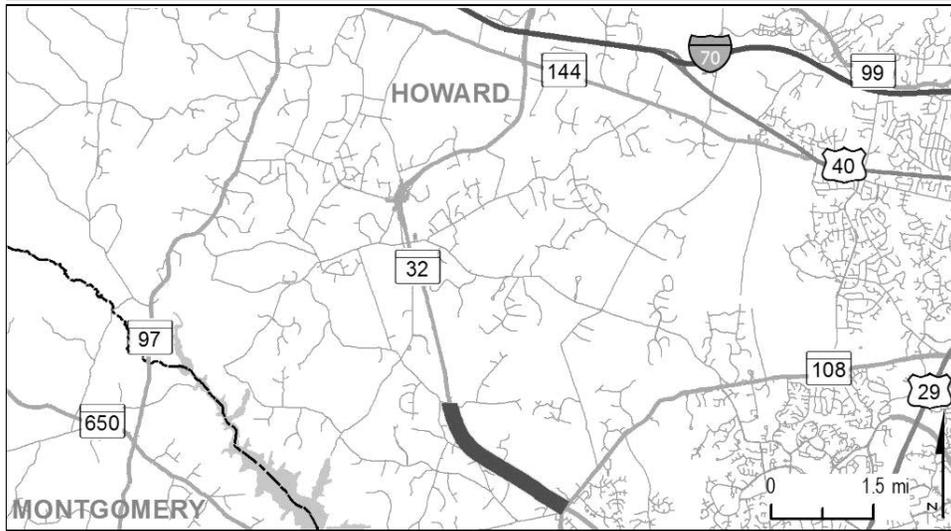
FEDERAL - Interstate

STATE SYSTEM: Primary

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

CURRENT (2016) - 197,000

PROJECTED (2035) - 235,500



**PROJECT:** MD 32, Sykesville Road

**DESCRIPTION:** Widen MD 32 from MD 108 to Linden Church Road from two lanes to a four lane divided roadway.

**PURPOSE & NEED SUMMARY STATEMENT:** This project would address congestion and safety problems which have been experienced as a result of increasing traffic volumes on the existing two lane roadway.

**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 32, Linden Church Road to I-70 (Line 3)

**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 will relieve traffic congestion and address safety concerns along MD 32 in the Columbia area.

**STATUS:** Engineering underway. Right-of-Way and Construction to begin during current fiscal year. County is contributing \$16.5 million to this project.

**SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP:** The cost increase of \$6.1 million is due to an unfavorable bid and additional Right-of-Way, Utility, and Engineering needs.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,300	1,207	1,093	0	0	0	0	0	1,093	0
Right-of-way	1,908	0	869	552	225	225	37	0	1,908	0
Construction	34,937	0	3,096	13,259	17,504	1,078	0	0	34,937	0
Total	39,145	1,207	5,058	13,811	17,729	1,303	37	0	37,938	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**CLASSIFICATION:**

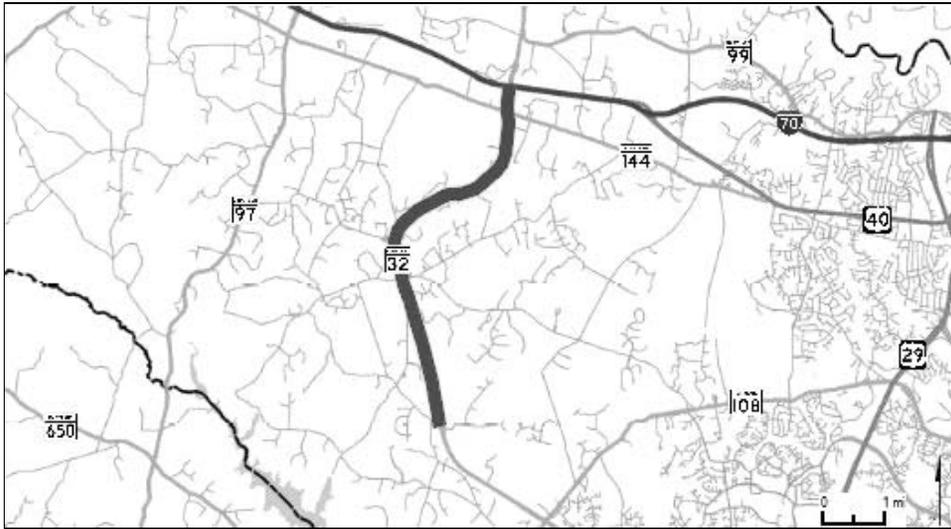
STATE - Principal Arterial  
 FEDERAL - Other Principal Arterial

**STATE SYSTEM:** Primary

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

CURRENT (2016) - 30,400

PROJECTED (2035) - 47,500



**PROJECT:** MD 32, Patuxent Freeway

**DESCRIPTION:** Construct capacity and safety improvements along MD 32 from north of Linden Church Road to I-70. (6.6 miles)

**PURPOSE & NEED SUMMARY STATEMENT:** This project will address congestion and safety problems which have been experienced as a result of increasing traffic volumes on the existing two lane roadway.

**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 32, MD 108 to Linden Church Road (Line 2)

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

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

**EXPLANATION:** This project will relieve traffic congestion and address safety concerns along MD 32 in Howard County.

**STATUS:** Engineering and Right-of-Way underway.

**SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP:** The cost increase of \$7.2 million is due to additional Right-of-Way acquisitions.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	3,657	3,657	0	0	0	0	0	0	0	0	0
Engineering	5,745	1,427	2,000	1,400	918	0	0	0	4,318	0	0
Right-of-way	20,868	2,991	610	4,600	5,771	3,334	3,562	0	17,877	0	0
Construction	90,385	0	0	0	10,820	25,951	29,374	24,240	90,385	0	0
Total	120,655	8,075	2,610	6,000	17,509	29,285	32,936	24,240	112,580	0	0
Federal-Aid	91,234	3,579	1,834	4,708	13,675	22,842	25,690	18,906	87,655	0	0

**CLASSIFICATION:**

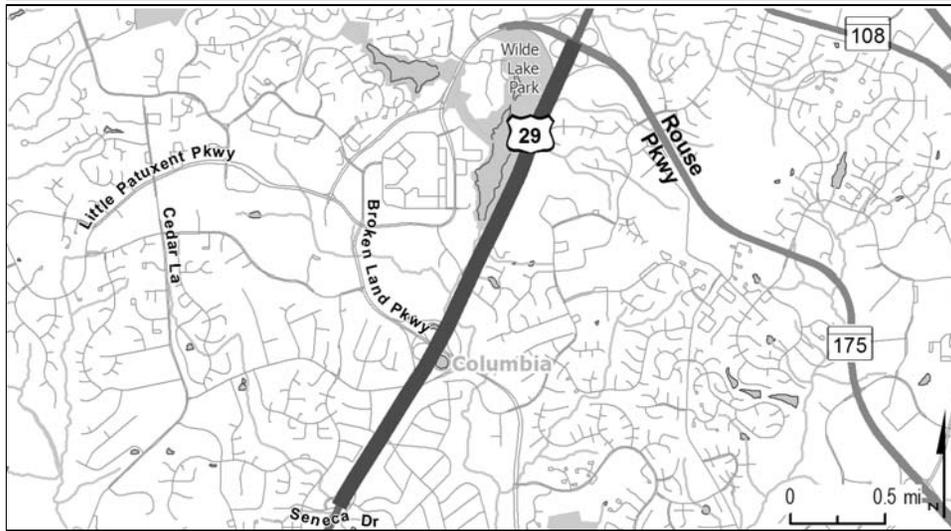
STATE - Principal Arterial  
 FEDERAL - Other Principal Arterial

**STATE SYSTEM:** Primary

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

CURRENT (2016) - 30,400

PROJECTED (2035) - 47,500



**PROJECT:** US 29, Columbia Pike

**DESCRIPTION:** Widen the northbound section of US 29 from Seneca Drive to MD 175 (Phase 1B) from 2 to 3 lanes (2.8 miles).

**PURPOSE & NEED SUMMARY STATEMENT:** This project will improve safety and reduce congestion by upgrading northbound US 29 to match the southbound section, which is currently three lanes.

**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 29, Middle Patuxent River to Seneca Drive (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 project will relieve traffic congestion on this major north-south commuter route. This project will promote economic development in Howard County.

**STATUS:** Construction underway. County funded \$2.0 million for Engineering.

**SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP:** None.

PHASE	POTENTIAL FUNDING SOURCE:				PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	6,429	6,429	0	0	0	0	0	0	0	0	0
Right-of-way	1,778	1,177	307	294	0	0	0	0	0	601	0
Construction	27,370	19,638	7,732	0	0	0	0	0	0	7,732	0
Total	35,577	27,244	8,039	294	0	0	0	0	0	8,333	0
Federal-Aid	2,714	2,631	83	0	0	0	0	0	0	83	0

**CLASSIFICATION:**

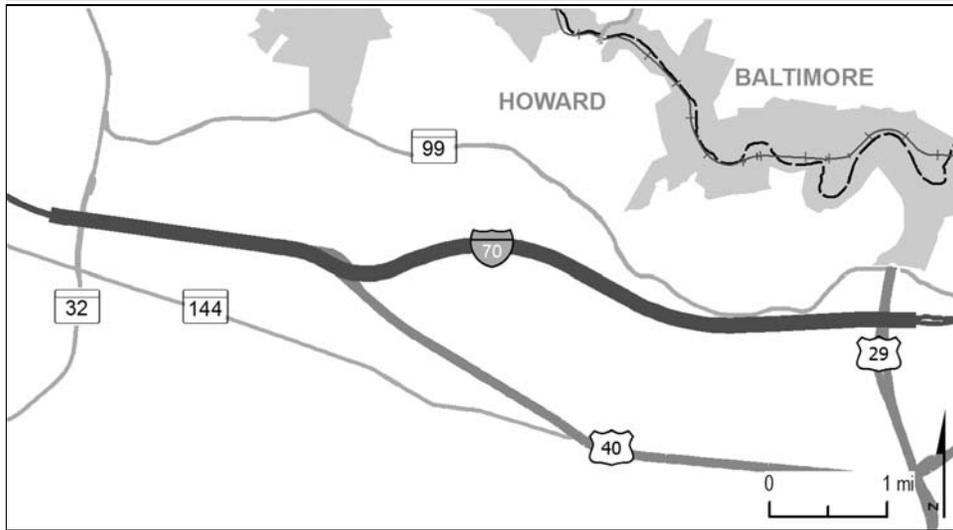
STATE - Principal Arterial  
 FEDERAL - Freeway/Expressway

**STATE SYSTEM:** Primary

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

CURRENT (2016) - 45,600

PROJECTED (2035) - 59,425



**PROJECT:** I-70

**DESCRIPTION:** Study to address current and future capacity needs on I-70 between MD 32 and US 29 (6.0 miles).

**JUSTIFICATION:** This project will ease increasing congestion and improve safety along this segment of I-70.

**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:**  
 Marriottsville Road, US 40 to MD 99 (County Project)

**STATUS:** Project on hold.

**SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	858	858	0	0	0	0	0	0	0	0
Engineering	0	0	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	858	858	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**CLASSIFICATION:**

STATE - Principal Arterial

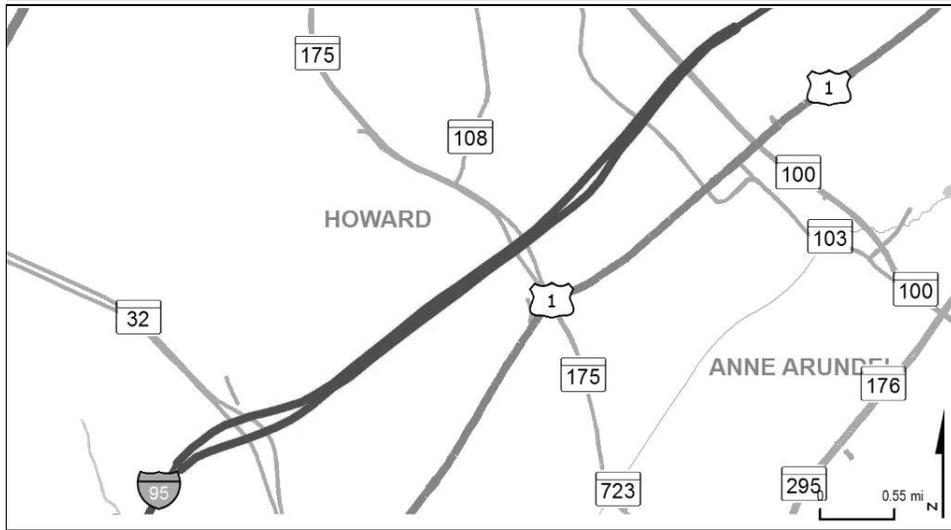
FEDERAL - Urban Interstate

STATE SYSTEM: Primary

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

CURRENT (2016) - 82,500

PROJECTED (2035) - 116,300



**PROJECT:** IS 95, Active Traffic Management

**DESCRIPTION:** Construct facilities to accommodate peak hour shoulder use on I-95 between MD 32 to MD 100.

**JUSTIFICATION:** This project will address capacity and safety concerns along I-95.

**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:** I-95, I-695 to I-495 Operations Study (Statewide Line 5)

**STATUS:** Engineering to begin during budget fiscal year.

**SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP:** Added to the Development and Evaluation Program.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	PROJECT CASH FLOW				SIX YEAR TOTAL	BALANCE TO COMPLETE
					FOR PLANNING PURPOSES ONLY					
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,800	0	0	1,000	800	0	0	0	1,800	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	1,800	0	0	1,000	800	0	0	0	1,800	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**CLASSIFICATION:**

STATE - Urban Interstate

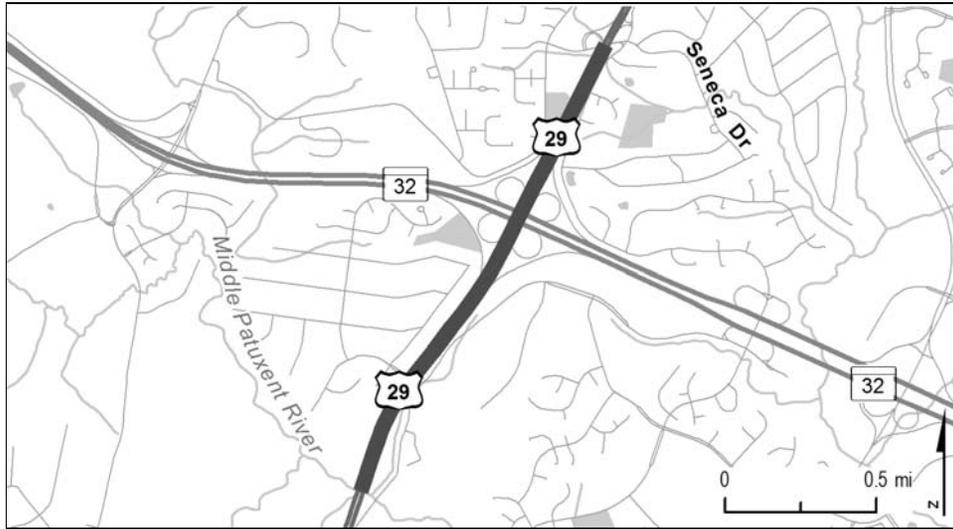
FEDERAL - Interstate

STATE SYSTEM: Primary

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

CURRENT (2016) - 217,000

PROJECTED (2035) - 222,600



**PROJECT:** US 29, Columbia Pike

**DESCRIPTION:** Widen the northbound section of US 29 from the Middle Patuxent River to Seneca Drive (Phase 2) from 2 to 3 lanes (1.7 miles).

**JUSTIFICATION:** This project will improve safety and reduce congestion by upgrading northbound US 29 to match the southbound section, which is currently three lanes.

**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 29, Seneca Drive to MD 175 (Line 4)

**STATUS:** Engineering underway.

**SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,624	411	888	800	525	0	0	0	2,213	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	2,624	411	888	800	525	0	0	0	2,213	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**CLASSIFICATION:**

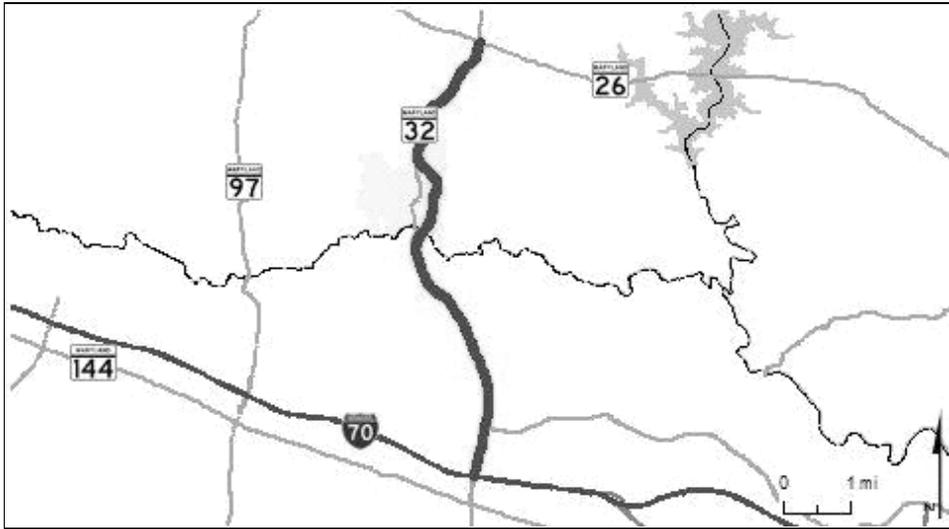
STATE - Principal Arterial  
 FEDERAL - Freeway/Expressway

**STATE SYSTEM:** Primary

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

CURRENT (2016) - 44,000

PROJECTED (2035) - 61,750



**PROJECT:** MD 32, Sykesville Road

**DESCRIPTION:** Planning study to determine potential safety and capacity improvements on MD 32 from MD 26 (Liberty Road) to I-70 (7.5 miles).

**JUSTIFICATION:** Road connects high growth area of Carroll County with growing job markets in Howard County and around Fort Meade.

**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 32, MD 108 to Linden Church Road (Line 2)  
 MD 32, Linden Church Road to I-70 (Line 3)

**STATUS:** Planning underway.

**SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP:** None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,250	450	800	0	0	0	0	0	800	0
Engineering	0	0	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	1,250	450	800	0	0	0	0	0	800	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**CLASSIFICATION:**

STATE - Major Collector

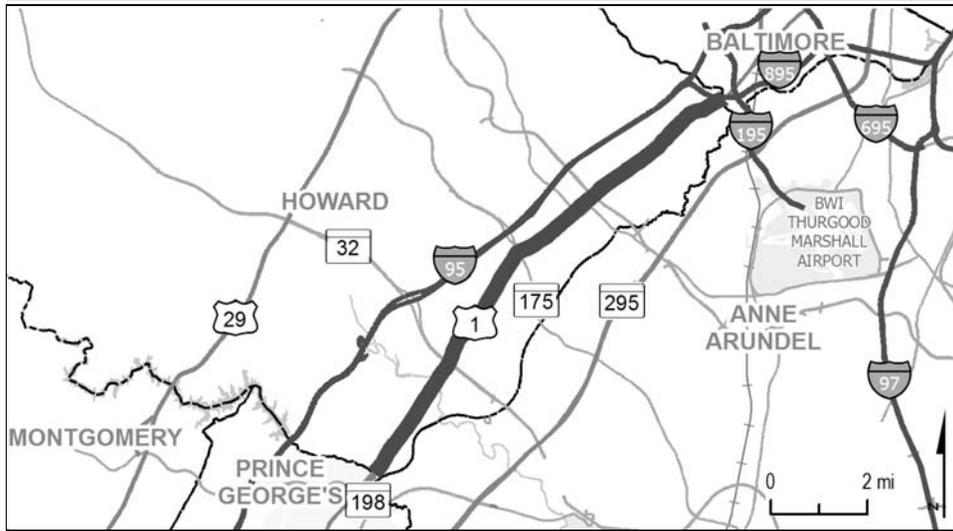
FEDERAL - Minor Arterial

STATE SYSTEM: Primary

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

CURRENT (2016) - 35,200

PROJECTED (2035) - 44,000



**PROJECT:** US 1, Washington Boulevard

**DESCRIPTION:** Study to identify potential improvements along the US 1 corridor from the Prince George's County line to the Baltimore County line, including potential interchange improvements at MD 175 (11.0 miles).

**JUSTIFICATION:** Improvements identified as a result of this study provide a blueprint for future state, local and developer projects, so the corridor can be developed in a manner consistent with the County's overall vision plan, and accommodate existing and future travel demand for all users.

**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:** Feasibility study complete.

**SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,044	1,044	0	0	0	0	0	0	0	0
Engineering	0	0	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	1,044	1,044	0	0	0	0	0	0	0	0
Federal-Aid	840	837	0	0	0	0	0	0	0	3

**CLASSIFICATION:**

STATE - Minor Arterial

FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

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

CURRENT (2016) - 42,750

PROJECTED (2035) - 55,150

**SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 10**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2016
<b><u>Fiscal Year 2016 Completions</u></b>				
<b><u>Bridge Replacement/Rehabilitation</u></b>				
1	MD 175	Waterloo Road; Bridge Numbers 1306103 and 1306104 over I-95; clean/paint bridges	1,300	Completed
<b><u>Safety/Spot Improvement</u></b>				
2	MD 32	Sykesville Road; Day Road to West Friendship Road; geometric improvements (Transportation Infrastructure Investment Act of 2013)	5,861	Completed
<b><u>Fiscal Years 2017 and 2018</u></b>				
<b><u>Resurface/Rehabilitate</u></b>				
3		At various locations in Howard County; mill and resurface	17,027	FY 2017
4		At various locations in Howard County; resurface	17,825	Under construction
5	US 29 NB	Columbia Pike; Middle Patuxent River to 500 ft north of MD 32; safety and resurface	1,155	FY 2017
6	MD 32 NB	Patuxent Parkway; Structure 13114 over Middle Patuxent River to north of MD 108; resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	3,890	FY 2017
7	MD 32 SB	Patuxent Parkway; North of MD 108 to structure 13114 over Middle Patuxent River; resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	3,071	Under construction
8	US 40	Baltimore National Pike; East of St. John's Lane to structure 13032; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	1,930	Under construction
9	US 40 EB	Baltimore National Pike; East of US 29 to Baltimore/Howard County line; safety and resurface	3,102	FY 2017
10	I 70 EB	Marriottsville Road to Baltimore County line; safety and resurface	3,358	Under construction

**SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2016
<b><u>Fiscal Years 2017 and 2018 (cont'd)</u></b>				
<b><u>Bridge Replacement/Rehabilitation</u></b>				
11		Bridge 1301603/04, 1305601/02, 1307603/04, 1310003/04 on I-95 and MD 32; clean/paint bridges	2,026	FY 2017
12		Various bridges on or over MD 32; clean/paint bridges	1,118	Under construction
13		At various locations on US 29, MD 216, I-95, MD 175; clean/paint bridges	890	Completed
14	MD 32	Patuxent Parkway; Bridge 1310103, 1013104, 1310200, 1310300, 1311403, 1311404 on Patuxent Parkway; clean/paint bridges	708	FY 2017
<b><u>Safety/Spot Improvement</u></b>				
15	US 29	Columbia Pike; MD 32 to MD 175; lighting Funding provided by the Governor's Investment in Highways and Bridges Initiative	6,087	FY 2017
16	US 29 NB	Columbia Pike; at MD 175; geometric improvements	2,500	FY 2017
17	MD 32	Sykesville Road; Wellworth Way access - Access management for MD 32 corridor; safety/spot improvements	303	Completed
18	US 40	Baltimore National Pike; at Rogers Avenue; geometric improvements	606	Completed
19	MD 97	Roxbury Mills Road; at Burntwoods Road; geometric improvements	2,696	FY 2017
<b><u>Traffic Management</u></b>				
20	US 29	Columbia Pike; at MD 108, MD 103 and US 40; lighting	5,689	Under construction

**SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2016
		<b><u>Fiscal Years 2017 and 2018 (cont'd)</u></b>		
		<b><u>Environmental Preservation</u></b>		
21	I 95	IRVM, VEG MGMT - Howard/Baltimore County line to MD 216 - Phase 1; landscape	3,493	FY 2017
		<b><u>TMDL Compliance</u></b>		
22		Furnace Avenue Tributary; wetlands replacement	497	Under construction
		<b><u>Enhancements</u></b>		
		<b><u>Pedestrian/Bicycle Facilities</u></b>		
23		Patuxent Branch Trail; paving Patuxent Branch Trail from Old Guilford Road to Vollmerhausen Road	1,092	FY 2017