

**PROJECT:** MD 32, Patuxent Freeway

**DESCRIPTION:** Upgrade and widening of eastbound MD 32 from US 29 to Broken Land Parkway (2.22 miles).

**JUSTIFICATION:** This project will relieve existing traffic congestion in this heavily traveled corridor.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**  
MD 32, MD 108 to I-70 (D&E Program)

Federal Funding By Year of Obligation						
PHASE	FFY 2002	FFY 2003	FFY 2004	FFY 2005	FFY 2006 - 2007	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

**STATUS:** Construction underway. This project is being funded by Howard County at a cost of approximately \$4.9 million. Construction funding shown is for SHA Construction Inspection. SHA will reimburse County for improvements to the bridge at the Little Patuxent River.

**SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP:** None.

PHASE	POTENTIAL FUNDING SOURCE:										SIX YEAR TOTAL	BALANCE TO COMPLETE
	<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER											
	PROJECT CASH FLOW											
TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2001	CURRENT YEAR 2002	BUDGET YEAR 2003	FOR PLANNING PURPOSES ONLY					YEAR	TO COMPLETE		
				2004	2005	2006	2007					
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	665	665	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Construction	205	0	162	43	0	0	0	0	0	205	0	
Total	870	665	162	43	0	0	0	0	0	205	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	

**FUNCTION :**

STATE - Principal Arterial  
FEDERAL - Freeway - Expressway

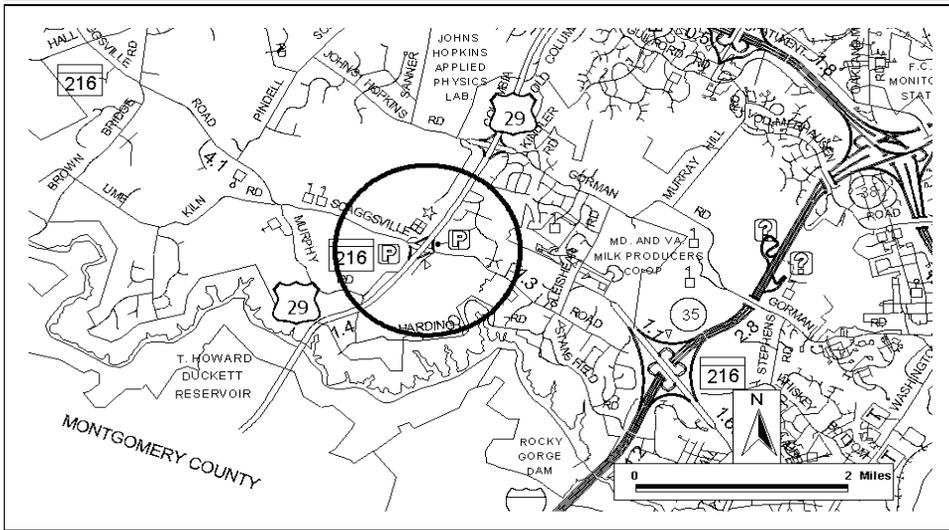
**STATE SYSTEM :** Primary

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2000) - 83,000

PROJECTED (2025) - 112,300

**OPERATING COST IMPACT:** \$2,800 per year



**PROJECT:** US 29, Columbia Pike

**DESCRIPTION:** Construct new interchange at MD 216. Includes sidewalks on MD 216 where appropriate. Wide curb lanes on MD 216 will accommodate bicycles.

**JUSTIFICATION:** The former at-grade intersection was unable to handle the high traffic volumes resulting from development in the area. Peak hour operation on US 29 was congested.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

- US 29, Interchange at Johns Hopkins / Gorman Roads (Construction Program)
- MD 216 Relocated, I-95 to US 29 (Construction Program)

Federal Funding By Year of Obligation						
PHASE	FFY 2002	FFY 2003	FFY 2004	FFY 2005	FFY 2006 - 2007	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

**STATUS:** Open to service. Howard County funded 50 percent of Engineering, Right-of-way and Construction at a cost of approximately \$13.0 million. The funding shown is SHA share only.

**SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP:** None.

PHASE	POTENTIAL FUNDING SOURCE:		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL		FOR PLANNING PURPOSES ONLY								
	ESTIMATED COST (\$000)	EXPEND THRU 2001	CURRENT YEAR 2002	BUDGET YEAR 2003	2004	2005	2006	2007			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	2,123	2,123	0	0	0	0	0	0	0	0	0
Right-of-way	1,452	1,393	59	0	0	0	0	0	0	59	0
Construction	9,513	8,459	1,054	0	0	0	0	0	0	1,054	0
Total	13,088	11,975	1,113	0	0	0	0	0	0	1,113	0
Federal-Aid	7,812	6,968	844	0	0	0	0	0	0	844	0

**FUNCTION:**

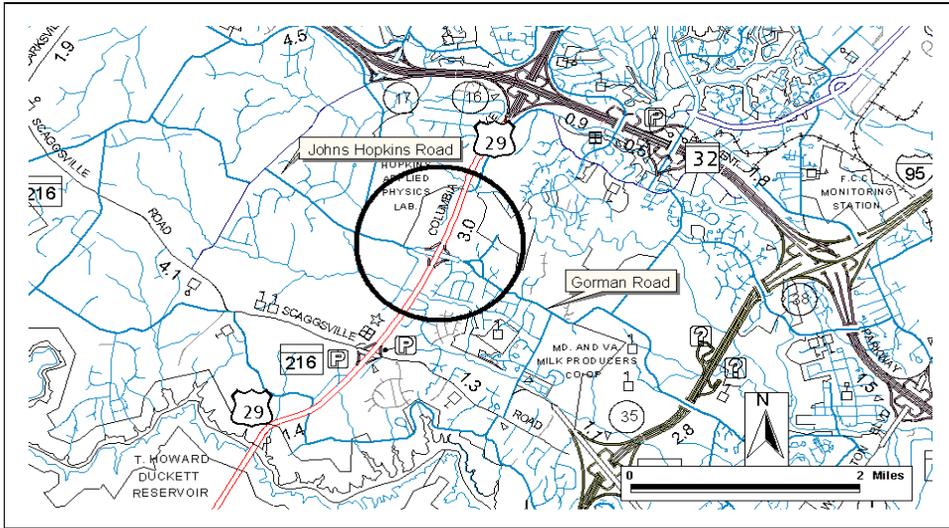
- STATE - Principal Arterial
- FEDERAL - Freeway - Expressway

**STATE SYSTEM:** Primary

**DAILY TRAFFIC : (USAGE IMPACTS)**

- CURRENT (2000) - 100,000 (US 29)  
17,000 (existing MD 216)
- PROJECTED (2025) - 134,000 (US 29)  
51,500 (MD 216 Rel)

**OPERATING COST IMPACT:** \$14,000 per year



**PROJECT:** US 29, Columbia Pike

**DESCRIPTION:** Construct a new interchange at Johns Hopkins / Gorman Roads. Wide curb lanes on Johns Hopkins and Gorman Roads will accommodate bicycles, and sidewalks are included where appropriate.

**JUSTIFICATION:** The existing at-grade intersection is unable to handle the high traffic volumes resulting from development in the area. Peak hour operation on US 29 is congested.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

- US 29, Interchange at MD 216 (Construction Program)
- MD 216 Relocated, I-95 to US 29 (Construction Program)

Federal Funding By Year of Obligation						
PHASE	FFY 2002	FFY 2003	FFY 2004	FFY 2005	FFY 2006 - 2007	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	586	299	0	0	0	NHS
CO	5291	5003	0	0	0	NHS

**STATUS:** Right-of-way and construction underway. Howard County funding approximately 40 percent of Engineering, Right-of-way and Construction at a cost of approximately \$10 million. The funding shown is SHA share only.

**SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP:** The cost decrease of \$2.6 million is due to a reduction in utility costs.

PHASE	POTENTIAL FUNDING SOURCE:										SIX YEAR TOTAL	BALANCE TO COMPLETE	
	<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER												
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2001	CURRENT YEAR 2002	BUDGET YEAR 2003	FOR PLANNING PURPOSES ONLY				YEAR 2004	YEAR 2005			YEAR 2006
Planning	159	159	0	0	0	0	0	0	0	0	0	0	0
Engineering	1,446	1,446	0	0	0	0	0	0	0	0	0	0	0
Right-of-way	1,958	820	755	383	0	0	0	0	0	0	0	1,138	0
Construction	15,308	2,767	6,479	6,062	0	0	0	0	0	0	0	12,541	0
Total	18,871	5,192	7,234	6,445	0	0	0	0	0	0	0	13,679	0
Federal-Aid	14,025	2,846	5,877	5,302	0	0	0	0	0	0	0	11,179	0

**FUNCTION :**

STATE - Principal Arterial  
 FEDERAL - Freeway / Expressway

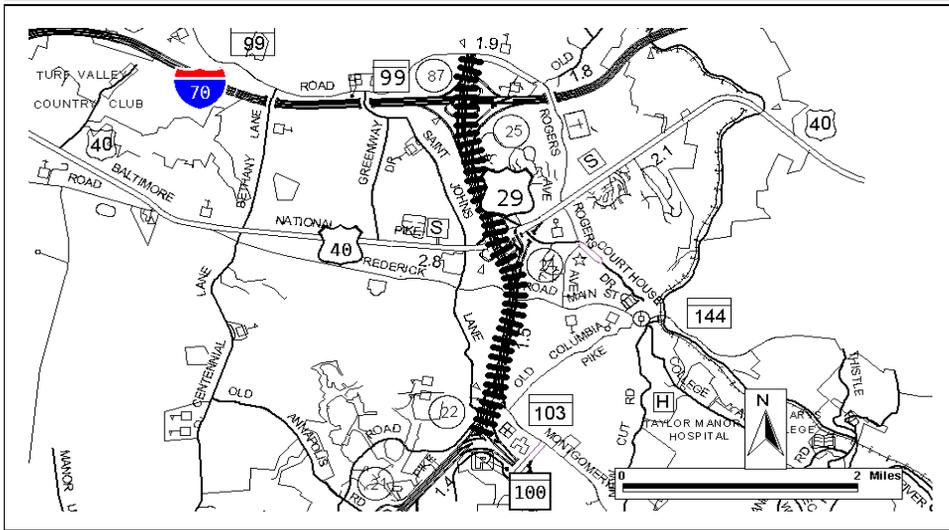
**STATE SYSTEM :** Primary

**DAILY TRAFFIC : (USAGE IMPACTS)**

**CURRENT (2000) -** 100,000 (US 29)  
 15,800 (Hopkins/Gorman)

**PROJECTED (2025) -** 134,000 (US 29)  
 39,000 (Hopkins/Gorman)

**OPERATING COST IMPACT:** \$15,000 per year



**PROJECT:** US 29, Columbia Pike

**DESCRIPTION:** Resurfacing portions of US 29 between MD 100 and MD 99, adding an additional lane in each direction between MD 100 and US 40 and widening the ramps to and from MD 100.

**JUSTIFICATION:** This project will improve safety and relieve congestion in this heavily traveled corridor.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

- US 29, Interchange at MD 216 (Construction Program)
- US 29, Interchange at Johns Hopkins/Gorman Road (Construction Program)

Federal Funding By Year of Obligation						
PHASE	FFY 2002	FFY 2003	FFY 2004	FFY 2005	FFY 2006 - 2007	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	1221	5433	4724	1558	0	NHS

**STATUS:** Final Engineering underway. Right-of-way and Construction to begin during current fiscal year. County to contribute \$4.0 million to construction. Funding shown is SHA share only.

**SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP:** Cost decrease of \$1.7 million is due to lower inflation rates, and reduced Right-of-way needs.

PHASE	POTENTIAL FUNDING SOURCE:								PROJECT CASH FLOW	
	<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2001	CURRENT YEAR 2002	BUDGET YEAR 2003	FOR PLANNING PURPOSES ONLY 2004	2005	2006	2007		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,339	639	700	0	0	0	0	0	700	0
Right-of-way	268	0	134	134	0	0	0	0	268	0
Construction	17,016	0	990	6,188	8,460	1,378	0	0	17,016	0
Total	18,623	639	1,824	6,322	8,460	1,378	0	0	17,984	0
Federal-Aid	13,481	0	877	4,931	6,599	1,074	0	0	13,481	0

**FUNCTION :**

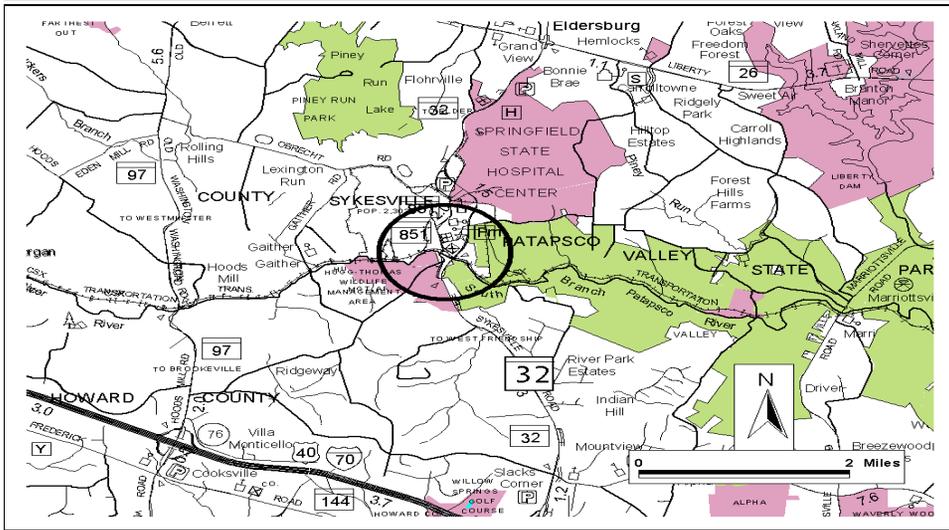
- STATE - Principal Arterial
- FEDERAL - Freeway / Expressway

**STATE SYSTEM:** Primary

**DAILY TRAFFIC : (USAGE IMPACTS)**

- CURRENT (2000) - 112,000
- PROJECTED (2025) - 152,000

**OPERATING COST IMPACT:** \$8,000 per year



**PROJECT:** MD 32, Sykesville Road

**DESCRIPTION:** Replace Bridge 13046 over River Road, Patapsco River and CSX Railroad, immediately west of its existing location.

**JUSTIFICATION:** This project will replace the existing deteriorating aluminum bridge. The existing bridge is historic and will remain in place after the new bridge is constructed.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Federal Funding By Year of Obligation						
PHASE	FFY 2002	FFY 2003	FFY 2004	FFY 2005	FFY 2006 - 2007	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	1162	1625	402	0	BR

**STATUS:** Final Engineering underway. Construction to begin during budget fiscal year.

**SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP:** Added to the Construction Program.

PHASE	POTENTIAL FUNDING SOURCE:		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL		CURRENT YEAR	BUDGET YEAR	FOR PLANNING PURPOSES ONLY						
	ESTIMATED COST (\$000)	EXPEND THRU 2001			2004	2005	2006	2007			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	488	400	88	0	0	0	0	0	0	88	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	4,090	0	0	1,490	2,084	516	0	0	0	4,090	0
Total	4,578	400	88	1,490	2,084	516	0	0	0	4,178	0
Federal-Aid	3,189	0	0	1,162	1,625	402	0	0	0	3,189	0

**FUNCTION :**

STATE - Minor Arterial

FEDERAL - Minor Arterial

STATE SYSTEM : Secondary

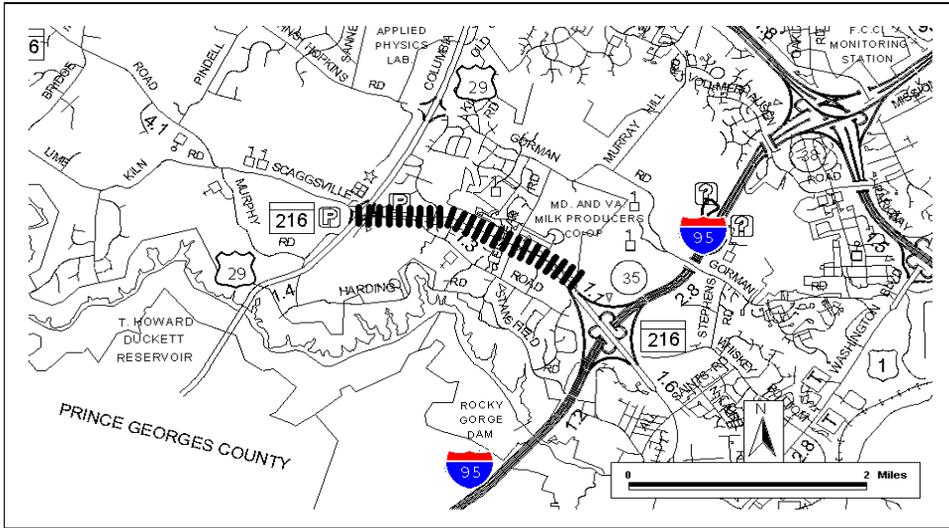
**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2000) - 23,875

PROJECTED (2025) - 46,500

OPERATING COST IMPACT: N/A





**PROJECT:** MD 216 Relocated, Scaggsville Road

**DESCRIPTION:** Construct a 6 lane highway on new location to replace existing MD 216 from west of I-95 to US 29 (2.80 miles). Wide curb lanes will accommodate bicycles, and the project also includes a pedestrian facility.

**JUSTIFICATION:** MD 216 is a minor arterial serving southern Howard County. The existing roadway is geometrically deficient and discontinuous, utilizing a short section of a county road. The new roadway will provide a continuous arterial highway between I-95 and US 29, and will accommodate expected growth in this area.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

- US 29, Interchange at MD 216 (Construction Program)
- US 29, Interchange at Johns Hopkins / Gorman Road (Construction Program)

Federal Funding By Year of Obligation						
PHASE	FFY 2002	FFY 2003	FFY 2004	FFY 2005	FFY 2006 - 2007	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	1892	6678	8748	536	STP

**STATUS:** Final Engineering and Right-of-way underway. Construction to begin during budget fiscal year. Howard County will contribute funding towards construction of the 5th and 6th lanes.

**SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP:** Cost increase of \$1.9 million is due to updated costs for stream enhancement, noise barriers, utility relocations and landscaping.

PHASE	POTENTIAL FUNDING SOURCE:								SIX YEAR TOTAL	BALANCE TO COMPLETE
	<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2001	CURRENT YEAR 2002	BUDGET YEAR 2003	PROJECT CASH FLOW FOR PLANNING PURPOSES ONLY					
Planning	138	138	0	0	0	0	0	0	0	0
Engineering	4,000	2,764	1,236	0	0	0	0	0	1,236	0
Right-of-way	3,491	3,016	400	75	0	0	0	0	475	0
Construction	22,890	0	0	2,426	8,561	11,216	687	0	22,890	0
Total	30,519	5,918	1,636	2,501	8,561	11,216	687	0	24,601	0
Federal-Aid	20,577	2,352	312	1,951	6,678	8,748	536	0	18,225	0

**FUNCTION :**

STATE - Minor Arterial

FEDERAL - Minor Arterial

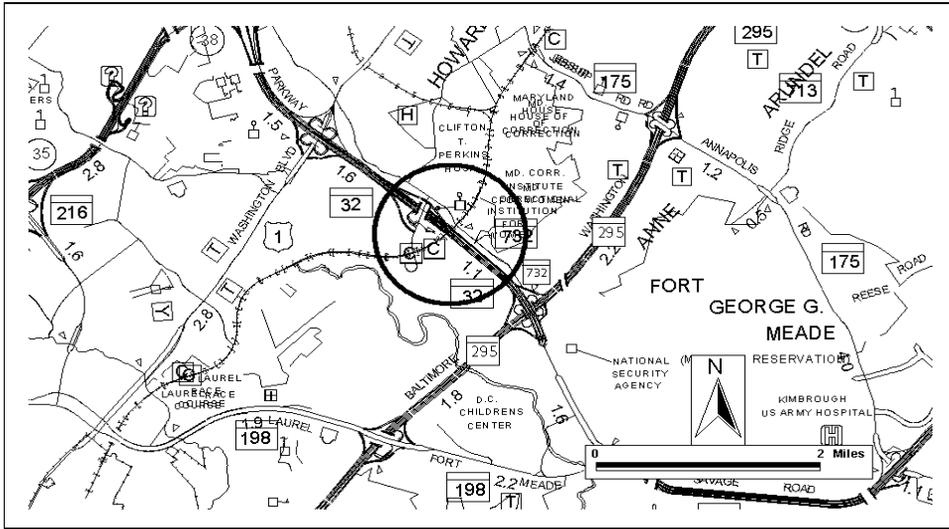
STATE SYSTEM: Secondary

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2000) - 17,000 (existing MD 216)

PROJECTED (2025) - 51,500

OPERATING COST IMPACT: \$13,000 per year



**PROJECT:** MD 732, Guilford Road

**DESCRIPTION:** Replace Bridge 13029 over CSX Railroad. Sidewalks and shoulders will accommodate pedestrians and bicyclists.

**JUSTIFICATION:** This project will replace the existing deteriorating bridge.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Federal Funding By Year of Obligation						
PHASE	FFY 2002	FFY 2003	FFY 2004	FFY 2005	FFY 2006 - 2007	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

**STATUS:** Final Engineering underway. Construction to begin during current fiscal year. SHA, Anne Arundel County and Howard County are sharing the cost of construction. Costs shown are SHA share only. Project to be advertised by Howard County.

**SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP:** None.

PHASE	TOTAL ESTIMATED COST (\$000)		PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPEND THRU 2001	CURRENT YEAR 2002	BUDGET YEAR 2003	FOR PLANNING PURPOSES ONLY					
					2004	2005	2006			2007
Planning	0	0	0	0	0	0	0	0	0	
Engineering	188	111	77	0	0	0	0	0	77	
Right-of-way	0	0	0	0	0	0	0	0	0	
Construction	1,106	0	553	553	0	0	0	0	1,106	
Total	1,294	111	630	553	0	0	0	0	1,183	
Federal-Aid	147	87	60	0	0	0	0	0	60	

**FUNCTION :**

STATE - Local

FEDERAL - Local

STATE SYSTEM : Secondary

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2000) - 13,900

PROJECTED (2025) - 32,000

OPERATING COST IMPACT: N/A

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 9**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2001
<b><u>Fiscal Year 2001 Completions</u></b>				
<b><u>Bridge Replacement/Rehabilitation</u></b>				
1	I 95	Bridge 13064 over CSX Transportation; deck overlay	750	Completed
<b><u>Safety/Spot Improvement</u></b>				
2	US 1	Washington Boulevard; Crestmount Road/Assateague Drive to 600 feet south of Cherry Tree Business Park; widen to create center left turn lane	2,164	Completed
3	MD 144A	Frederick Road; at Bushy Park Road; widen and resurface (includes re-alignment of Bushy Park Road)	229	Completed
4	MD 175	Little Patuxent Parkway; at US 29; realign ramp from westbound MD 175 to northbound US 29	1,549	Completed
<b><u>Traffic Management</u></b>				
5	US 1	Washington Boulevard; at Amberton Drive; signalization	126	Completed
6	US 29	Columbia Pike; at Rivers Edge Road; signalization	38	Completed
7	MD 32	Sykesville Road; at Ten Oaks Road and Linden Church; install hazard identification beacon	63	Completed
8	MD 97	Roxbury Mills Road; at MD 144 and MD 175 (Waterloo Road) at Pocomoke Avenue; signalization	21	Completed
<b><u>C.H.A.R.T. Projects</u></b>				
9	I 70	MD 97 to US 40; install dynamic traveler alert signs for advanced traffic management system	80	Completed

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- HOWARD 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, 2001
<b><u>Fiscal Year 2001 Completions (cont'd)</u></b>				
<b><u>C.H.A.R.T. Projects (cont'd)</u></b>				
10	I 95	I 695 to I 95/I 495; install variable message signs, traffic detectors and traveler alert signs for advanced traffic management (Note: Cost for entire project shown in Howard, Baltimore and Prince George's Counties.)	964	Completed
<b><u>Fiscal Years 2002 and 2003</u></b>				
<b><u>Resurface/Rehabilitate</u></b>				
11	US 29	Columbia Pike; MD 175 to Broken Land Parkway; resurface southbound roadway	2,270	Completed
12	US 29	Columbia Pike; South of MD 108 to MD 100; resurface	2,169	Under construction
13	US 40	Baltimore National Pike; I 70 to MD 144; resurface	1,345	Under construction
14	I 95	North of MD 100 to the Baltimore County Line; resurface	4,049	Completed
15	MD 175	Waterloo Road; Anne Arundel County Line to US 1; resurface	902	FY 2003
<b><u>Bridge Replacement/Rehabilitation</u></b>				
16	I 70	Eisenhower Memorial Highway/Baltimore National Pike; East of Frederick to Baltimore County Line; deck overlay for 12 bridges in Carroll, Frederick and Howard Counties (Note: Cost for entire project shown in Carroll, Frederick and Howard Counties.)	6,719	Completed
17	I 95	I 95/I 495 (Capital Beltway) to I 695 (Baltimore Beltway); deck overlays (Note: Cost for entire project shown in Baltimore, Howard and Prince George's Counties.)	7,744	Under construction
<b><u>Safety/Spot Improvement</u></b>				
18	US 1	Washington Boulevard; MD 175 to Dorsey Road; widen to 5 lanes and resurface	2,568	Under construction

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- HOWARD 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, 2001
<b><u>Fiscal Years 2002 and 2003 (cont'd)</u></b>				
<b><u>Safety/Spot Improvement (cont'd)</u></b>				
19	US 1	Washington Boulevard; CSX Railroad Bridge to north of Levering Avenue; drainage improvements	125	Under construction
20	US 1	Washington Boulevard; Whiskey Bottom Road to 0.5 mile south of Whiskey Bottom Road; correct oververtical	879	FY 2003
21	US 1	Washington Boulevard; at MD 175; intersection improvements and sidewalks	853	Completed
22	US 1	Washington Boulevard; at Guilford Road; modify MD 32 westbound off-ramp terminus	515	FY 2003
23	I 95	Approximately 350 feet north of I 895; drainage improvement	116	Completed
24	MD 97	Roxbury Mills Road; at MD 144; provide left turn lanes and modify signal	801	FY 2003
25	MD 99	Old Frederick Road; at Mt. Hebron Drive and Maple Rock Drive; provide bypass lanes (Funded for preliminary engineering only)	197	PE Underway
26	MD 175	Little Patuxent Parkway; at MD 108; resurface, install hazard identification beacon and pavement markings	515	FY 2003
<b><u>Noise Barriers</u></b>				
27	US 29	Columbia Pike; 500 feet south of Broken Land Parkway to 4,400 feet south of Broken Land Parkway; noise barrier along southbound roadway (Atholton Manor) (Note: Preliminary engineering to begin in Fiscal Year 2002, construction in Fiscal Year 2004)	1,711	
28	US 29	Columbia Pike; 1,000 feet north of MD 175 to Diamondback Road; noise barrier along northbound roadway (Guilford Downs) (Note: Preliminary engineering to begin in Fiscal Year 2002, construction in Fiscal Year 2004)	1,047	

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

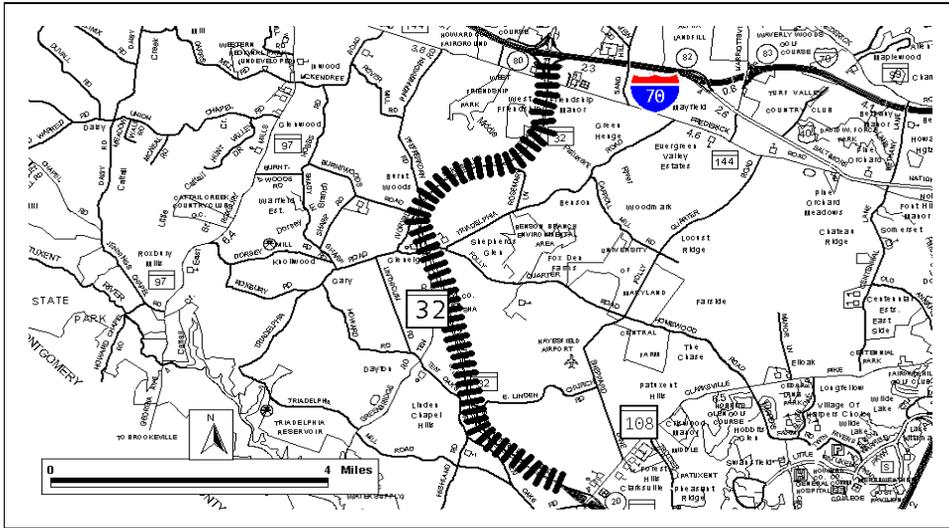
**STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 9 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2001
<b><u>Fiscal Years 2002 and 2003 (cont'd)</u></b>				
<b><u>Noise Barriers (cont'd)</u></b>				
29	US 29	Columbia Pike; 500 feet northeast of Seneca Drive to 800 feet southwest of Broken Land Parkway; noise barrier along northbound roadway (Allview Estates) (Note: Preliminary engineering to begin in Fiscal Year 2002, construction in Fiscal Year 2004)	1,854	
30	US 29	Columbia Pike; MD 108 interchange to 1,792 feet north of MD 108 (Columbia Hills); noise barrier	1,479	Completed
31	I 70	St. Johns Lane to US 29; noise barrier along westbound roadway (Brinkleigh/Skyview/The Orchards) (Note: Preliminary engineering to begin in Fiscal Year 2002, construction in Fiscal Year 2004)	2,430	
32	I 95	2,400 feet south of Montgomery Road to 400 feet south of Montgomery Road; noise barrier along northbound roadway (Hunt Club Estates) (Note: Preliminary engineering to begin in Fiscal Year 2002, construction in Fiscal Year 2004)	935	
33	I 95	Patuxent River Bridge to 2,200 feet south of MD 216; noise barrier along northbound roadway (Highridge)	1,790	FY 2003
<b><u>Traffic Management</u></b>				
34		Various routes in Howard County; install raised pavement markers	32	Completed
<b><u>Environmental Preservation</u></b>				
35	I 95	At northbound and southbound rest areas; provide improvements to pavement, grounds and structures	467	Completed
<b><u>Intersection Capacity Improvements</u></b>				
36	MD 32	Sykesville Road; at MD 99; widen southbound to provide 2 thru lanes and an acceleration lane from the intersection to the Park and Ride lot and add right turn lane on eastbound Old Frederick Road	898	FY 2002

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- HOWARD 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, 2001
<b><u>Fiscal Years 2002 and 2003 (cont'd)</u></b>				
<b><u>Enhancements</u></b>				
<b><u>Pedestrian/Bicycle Facilities</u></b>				
37		Centennial Access Pathway - Construction of a 0.5 mile pathway and boardwalk from Old Annapolis Road to Centennial Park at Woodland Road.	250	FY 2002
38		Howard County Spinal Pathway Phase IIIb - Construction of a 2.0 mile pathway from the B&O Railroad Bridge to Lake Elkhorn.	1,046	Underway



**PROJECT:** MD 32, Patuxent Freeway

**DESCRIPTION:** Study to upgrade existing MD 32 from MD 108 to I-70 to address safety concerns (9.06 miles).

**JUSTIFICATION:** This project would address safety problems which have been experienced as a result of increasing traffic volumes on the existing 2 lane roadway.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

MD 32, US 29 to Broken Land Parkway (Construction Program)

Federal Funding By Year of Obligation						
PHASE	FFY 2002	FFY 2003	FFY 2004	FFY 2005	FFY 2006 - 2007	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

**STATUS:** Project Planning underway.

**SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP:** Added partial Right-of-way funding for protective buying in the Draft FY02-07 CTP. Deleted a portion of the previously added Right-of-way funds in the Final FY02-07 CTP due to the national economic slowdown. See page A-11.

PHASE	POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER							SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL		PROJECT CASH FLOW								
	ESTIMATED COST (\$000)	EXPEND THRU 2001	CURRENT YEAR 2002	BUDGET YEAR 2003	FOR PLANNING PURPOSES ONLY						
Planning	2,051	1,701	300	50	0	0	0	0	0	350	0
Engineering	0	0	0	0	0	0	0	0	0	0	0
Right-of-way	5,378	378	500	500	1,000	1,000	1,000	1,000	1,000	5,000	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	7,429	2,079	800	550	1,000	1,000	1,000	1,000	1,000	5,350	0
Federal-Aid	1,436	1,191	210	35	0	0	0	0	0	245	0

**FUNCTION:**

STATE - Minor Arterial  
 FEDERAL - Other Principal Arterial

**STATE SYSTEM:** Primary

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2000) - 27,000

PROJECTED (2025) - 48,500

**OPERATING COST IMPACT:** N/A