

Overview of Public Works CIP

The Public Works FY 11-16 CIP includes two separate sections: Roads and Bridges.

Funding is included for road construction projects to reduce traffic on congested State routes and intersections by providing local traffic alternatives, such as the Ridge Road Improvements project.

Approximately \$8.0 million is in the FY 11 CIP for Overlays, Low Volume Road Improvements and Neighborhood Overlays to maintain roads throughout the County. The budget also includes on-going bridge maintenance and replacement.

The Georgetown Boulevard and Rowe Road projects, as well the funding for lane and shoulder widening in the Obrecht Road project, are eliminated for fiscal reasons. Prior appropriations on these projects are reallocated in FY 11 and will reduce planned debt service in the Operating Plan.

For additional information on these or other Public Works projects please refer to the individual project pages.

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2011 TO 2016

Adopted

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2011	2012	2013	2014	2015	2016			
ROADS:									
Highway Safety Improvements	\$50,000	\$51,500	\$53,000	\$55,000	\$56,650	\$58,350	\$0	\$0	\$324,500
Londontown Boulevard Improvements	200,000	0	0	0	0	0	3,500,000	0	3,700,000
Low Volume Road Improvements	1,367,000	1,410,000	1,552,000	1,427,000	1,468,000	1,911,000	0	0	9,135,000
Neighborhood Overlays	2,083,000	1,760,000	2,394,000	1,855,000	2,391,000	1,548,000	0	0	12,031,000
Overlays	4,546,000	4,672,000	5,329,000	5,453,000	5,659,000	4,756,000	0	0	30,415,000
Patapsco Road Drainage Improvements	0	0	0	600,000	0	0	0	0	600,000
Ridge Road Improvements	2,800,000	0	0	0	0	0	250,000	0	3,050,000
Small Drainage Structures	67,000	70,000	73,000	76,000	79,000	81,000	0	0	446,000
Traffic Signal Installation	39,000	41,000	41,000	43,000	43,000	45,000	0	0	252,000
ROADS TOTAL	\$11,152,000	\$8,004,500	\$9,442,000	\$9,509,000	\$9,696,650	\$8,399,350	\$3,750,000	\$0	\$59,953,500
SOURCES OF FUNDING:									
Transfer from General Fund	\$0	\$41,000	\$41,000	\$43,000	\$43,000	\$45,000	\$540,000	\$0	\$753,000
Bonds	1,390,669	7,287,500	8,625,000	8,640,000	8,777,650	7,428,350	1,900,000	0	44,049,169
Transfer from IDA	0	0	0	0	0	0	300,000	0	300,000
Reallocated Bonds	8,909,315	0	0	0	0	0	0	0	8,909,315
Reallocated GF Transfer	111,016	0	0	0	0	0	0	0	111,016
Reallocated Property Tax	239,000	0	0	0	0	0	0	0	239,000
Highway Administration	176,000	176,000	176,000	176,000	176,000	176,000	0	0	1,056,000
Highway User Revenue	326,000	500,000	600,000	650,000	700,000	750,000	0	0	3,526,000
Developer Funded	0	0	0	0	0	0	1,010,000	0	1,010,000
ROADS TOTAL	\$11,152,000	\$8,004,500	\$9,442,000	\$9,509,000	\$9,696,650	\$8,399,350	\$3,750,000	\$0	\$59,953,500

Highway Safety Improvements

Robin Hooper, Budget Analyst (410) 386-2082

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This project provides funding to address roads and road intersections with a history of frequent or severe accidents, significant potential for accidents, or sites with inadequate levels of service. Among the possible improvements are changes in intersection geometry, turn lanes, signing, and marking. A future project may be developed for the intersection of Buttercup Road and Raincliff Road as well as land acquisition to relocate Gorsuch Road at MD 482 and intersection improvements at Gorsuch Road and Leisters Church Road.

Other sites will also be evaluated for future highway safety improvement projects.

	FY 11	FY 12	FY13	FY14	FY15	FY16	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	50,000	51,500	53,000	55,000	56,650	58,350			324,500
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	50,000	51,500	53,000	55,000	56,650	58,350	0	0	324,500
SOURCES OF FUNDS									
Transfer from General Fund									0
Property Tax									0
Bonds	50,000	51,500	53,000	55,000	56,650	58,350			324,500
Highway Administration									0
Federal Highway/Bridge									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

FY 11-16 Overlay Schedule

	Miles	FY 11		FY 12		FY 13	
		Overlay	Patch	Overlay	Patch	Overlay	Patch
Antrim Blvd	0.71				73,400	103,500	
Bennett Road	1.29				133,300	166,100	
Bollinger Road	2.12						225,600
Bond Street	0.60					131,600	
Buttercup Road	0.50					140,600	
Cape Horn Road	3.01				311,000	365,600	
Carrollton Road	5.30		531,500	621,300			
Coon Club Road	3.34	634,900					
Dave Rill Road	3.01						151,100
Falls Road	2.00			496,400			
Hook Rd	1.46						155,400
Houcksville Road	3.86	733,800					
Hughes Shop Road	3.21	366,100					
Lawndale Road	2.92						172,400
Lucabaugh Mill Road	0.71						75,600
Maple Grove Road	4.03			1,000,100			
Meadow Branch Road	0.70			144,400			
Middleburg Road	6.75						718,200
Niner Road	1.40				144,700	148,800	
Old Bachmans Valley Rd.	1.80	308,100					
Old Fort Schoolhouse Rd	1.33					339,900	
Old Kays Mill Rd	0.44						46,900
Saint Paul Road	2.09				215,900	253,900	
Salem Bottom Road	2.85	408,700					
Sandymount Road	1.85						197,000
Sullivan Road	4.91	914,300					
Trenton Mill Road	0.48		48,200	56,300			
Uniontown Road	4.89				505,100	706,000	
Water Tank Road	1.48				152,900	188,800	
ENGINEERING			130,000		130,000		130,000
CONTINGENCY			194,400		237,200		462,000
ROADS - MicroSealing			450,000		450,000		450,000
Total		\$3,365,900	\$1,354,100	\$2,318,500	\$2,353,500	\$2,544,800	\$2,784,200

FY 11-16 Overlay Schedule

	Miles	FY 14		FY 15		FY 16	
		Overlay	Patch	Overlay	Patch	Overlay	Patch
Albert Rill Road	1.90			490,000			
Birdview Road	1.72						200,000
Bollinger Road	2.12	290,600					
Bowersox Road	2.88				325,100	380,200	
Braddock Road	2.61						303,500
Buffalo Road	2.41				434,700	508,300	
Dave Rill Road	1.42	168,100					
Dede Road	0.34	72,100					
Freedom Ave	1.02				115,200	165,000	
Fridinger Mill Rd	6.04						702,200
Greens Mill Road	2.10				237,100	328,500	
Harney Road	4.60		504,100	592,700			
Hook Rd	1.46	200,200					
Kays Mill Road	2.04	435,000					
Lawndale Road	1.62	203,900					
Lower Becklyesville Road	0.55				62,100	74,500	
Lucabaugh Mill Road	0.71	97,400					
Martz Road	0.67				75,700	95,100	
Mayberry Road	1.35				152,400	178,200	
Middleburg Road	6.75	883,200					
Murkle Road	2.11				238,200	266,000	
Nicodemus Road	1.74			373,100			
Old Kays Mill Rd	0.44	55,000					
Perry Road	1.21				136,600	171,700	
Ralph Street	0.20			94,400			
Ronsdale Road	0.60			154,400			
Sandymount Road	1.85	242,100					
Stone Road	0.63					188,100	
Syndersburg Road	3.50		383,600	451,000			
Traceys Mill Road	3.04	842,700					
Warehime Road	1.47		161,100	208,400			
Wentz Road	2.38			646,000			
ENGINEERING			130,000		130,000		130,000
CONTINGENCY			333,900		291,900		614,700
ROADS - MicroSealing			450,000		450,000		450,000
Total		\$3,490,300	\$1,962,700	\$3,010,000	\$2,649,000	\$2,355,600	\$2,400,400

Patapsco Road Drainage Improvements

Robin Hooper, Budget Analyst (410) 386-2082

Proj #

Functional Classification: local
 Average Daily Traffic: 692
 Length: 1,800 feet
 Limits: Ridge Road to Wesley Road



This project provides planned funding for drainage improvements on the segment of Patapsco Road between Ridge Road and Wesley Road. The Bureau of Engineering will study the existing drainage conditions and design strategic controls and outfall improvements. The concept plan is to extend some of the existing outfall pipes for better control and implement water quantity standards.

	FY 11	FY 12	FY13	FY14	FY15	FY16	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction				600,000					600,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	0	0	600,000	0	0	0	0	600,000

SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds				600,000					600,000
Highway User Revenue									0

PROJECTED OPERATING IMPACTS						
	0	0	0	0	0	0

Traffic Signal Installation

Robin Hooper, Budget Analyst (410) 386-2082

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This on-going project provides funding for the County's share of traffic signal installations. Sites are selected based on accident history, geometry, and levels of service at the intersection. Input and recommendations from the MD State Highway Administration are essential.

Following is a list of potential sites for traffic signal installation:

- MD 27 and Lucabaugh Mill Road
- MD 26 and Piney Ridge Parkway
- MD 27 and Watersville Road (revise the existing signal to be fully operational)

Projected operating impacts include utility costs.

	FY 11	FY 12	FY13	FY14	FY15	FY16	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	39,000	41,000	41,000	43,000	43,000	45,000			252,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	39,000	41,000	41,000	43,000	43,000	45,000	0	0	252,000
SOURCES OF FUNDS									
Transfer from General Fund		41,000	41,000	43,000	43,000	45,000			213,000
Local Income Tax									0
Property Tax									0
Bonds									0
Reallocated Property Tax	39,000								39,000
PROJECTED OPERATING IMPACTS	1,350	1,390	1,430	1,480	1,520	1,570			