

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year					Prior Allocation	Balance to Complete	Total Project Cost	
	2016	2017	2018	2019	2020				2021
BRIDGES:									
Bear Run Road over Bear Branch	\$0	\$0	\$0	\$0	\$0	\$240,000	\$0	\$1,300,000	\$1,540,000
Bridge Inspection and Inventory	33,600	33,600	37,000	37,000	37,500	42,000	0	0	220,700
Bridge Maintenance and Structural Repairs	50,700	53,200	55,900	58,700	61,600	64,700	0	0	344,800
Cape Horn Road over Unnamed Stream	372,000	0	0	0	0	0	129,000	0	501,000
Cleaning and Painting of Existing Bridge Structural Steel	75,000	78,800	82,700	86,900	91,200	95,800	0	0	510,400
Gaither Road over South Branch Patapsco River	0	0	230,000	0	1,898,000	0	0	0	2,128,000
Hollingsworth Road over Unnamed Tributary	0	0	0	0	230,000	649,000	0	0	879,000
Stone Chapel Road over Little Pipe Creek	207,000	0	729,000	0	0	0	0	0	936,000
BRIDGES TOTAL	\$738,300	\$165,600	\$1,134,600	\$182,600	\$2,318,300	\$1,091,500	\$129,000	\$1,300,000	\$7,059,900

Bear Run Road over Bear Branch

District Location: 1

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

Proj #

Functional Classification: Local
 Average Daily Traffic: 343
 Bridge No.: CL261



This project provides planned funding to replace the existing three cell culvert structure, located in central Carroll County, west of Westminster. The new structure will be determined based on an alternatives analysis.

This project qualifies for Federal aid funding, which covers 80-percent of the engineering, administrative, and construction costs.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design						240,000			240,000
Land Acquisition									0
Site Work								100,000	100,000
Construction								1,015,000	1,015,000
Equipment/Furnishings									0
Other								185,000	185,000
EXPENDITURES									
TOTAL	0	0	0	0	0	240,000	0	1,300,000	1,540,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Bridge Inspection and Inventory

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

9684

This project provides ongoing funding for the inspection of twenty small structures that do not qualify for Federal funds. The twenty small structures are inspected on the same two-year cycle as the 131 major County-maintained structures. The project includes biennial field inspections as well as completion and submission of inspection reports to the County.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	33,600	33,600	37,000	37,000	37,500	42,000			220,700
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	33,600	33,600	37,000	37,000	37,500	42,000	0	0	220,700
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Bridge Maintenance and Structural Repairs

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9882

This project provides ongoing funding for preventive maintenance and small repairs to County-maintained bridges including: deck joint replacements, structural steel repairs, concrete patching, sediment removal, stream channel stabilization, traffic barrier replacement, and approach roadway repairs.

Most recently, this funding source was used to replace bridge seals on six bridges throughout the County. We will be looking at bridge railings for locations that may need to be updated as the next project.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	50,700	53,200	55,900	58,700	61,600	64,700			344,800
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	50,700	53,200	55,900	58,700	61,600	64,700	0	0	344,800
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Cape Horn Road over Unnamed Stream

District Location: 1

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

8512

Functional Classification: Minor Collector
 Average Daily Traffic: 1,376
 Bridge No.: CL387



This project provides funding to replace the existing bridge located at the intersection of Cape Horn Road and Harvey Gummel Road. The existing structure is a steel beam bridge on concrete abutments. The new structure will be determined based on an alternatives analysis.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							125,000		125,000
Land Acquisition							4,000		4,000
Site Work	26,000								26,000
Construction	260,000								260,000
Equipment/Furnishings									0
Other	86,000								86,000
EXPENDITURES									
TOTAL	372,000	0	0	0	0	0	129,000	0	501,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Cleaning and Painting of Existing Bridge Structural Steel

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9686

This project provides ongoing funding for cleaning and painting of existing structural steel. Cleaning and painting slows deterioration and extends the useful life of steel structures.

The following bridges are scheduled for cleaning and painting:

- McKinstry's Mill Road over Little Pipe Creek
- Mumma Ford Road over Monocacy River
- Winters Church Road over Little Pipe Creek
- Grimville Road over Gillis Falls
- Woodbine Road over South Branch Patapsco River

The funding amount included in each year covers engineering and 20 percent of the construction.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	75,000	78,800	82,700	86,900	91,200	95,800			510,400
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	75,000	78,800	82,700	86,900	91,200	95,800	0	0	510,400
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Gaither Road over South Branch Patapsco River

District Location: border of 4 and 5

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

Proj #

Functional Classification: Minor Collector
 Average Daily Traffic: 1,118
 Bridge No.: CL 313



This project provides planned funding to replace the existing steel truss bridge, located in southern Carroll County on the Howard County border, with a new structure. The new structure will be determined based on an alternatives analysis.

This project qualifies for Federal aid funding, which covers 80-percent of the engineering, administrative, and construction costs.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design			230,000						230,000
Land Acquisition					5,000				5,000
Site Work					150,000				150,000
Construction					1,503,000				1,503,000
Equipment/Furnishings									0
Other					240,000				240,000
EXPENDITURES									
TOTAL	0	0	230,000	0	1,898,000	0	0	0	2,128,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Hollingsworth Road over Unnamed Tributary

District Location: 2

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

Proj #

Functional Classification: Rural Local
 Average Daily Traffic: 1,114
 Bridge No.: CL 348



This project provides planned funding to replace the existing bridge, located in eastern Carroll County near the Baltimore County line, west of Glen Falls Road. The existing structure is a steel beam bridge with a timber deck on stone abutments. The new structure will be determined based on an alternatives analysis. The structure width and waterway opening will be evaluated as part of the analysis.

Local funding will be used for this project.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design					230,000				230,000
Land Acquisition						8,000			8,000
Site Work						53,000			53,000
Construction						530,000			530,000
Equipment/Furnishings									0
Other						58,000			58,000
EXPENDITURES									
TOTAL	0	0	0	0	230,000	649,000	0	0	879,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Stone Chapel Road over Little Pipe Creek

District Location: 3

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

Proj #

Functional Classification: Minor Collector
 Average Daily Traffic: 4,805
 Bridge No.: CL 363



This project provides funding to rehabilitate the existing bridge, located outside of Westminster, near State road MD 31. The scope of the rehabilitation will be determined during the preliminary engineering phase.

This project qualifies for Federal aid funding, which will cover 80 percent of the engineering, administrative, and construction costs.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	200,000								200,000
Land Acquisition	7,000								7,000
Site Work			54,000						54,000
Construction			540,000						540,000
Equipment/Furnishings									0
Other			135,000						135,000
EXPENDITURES									
TOTAL	207,000	0	729,000	0	0	0	0	0	936,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0