## COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2019 TO 2024

	2019	2020	2021	2022	2023	2024	Prior Allocation	Balance To Complete	Total Project Cost
BRIDGES:									
Bear Run Road over Bear Branch	\$114,000	\$0	\$300,000	\$5,000	\$1,275,000	\$0	\$0	\$0	\$1,694,000
Bridge Inspection and Inventory	37,500	37,500	41,500	41,500	46,000	46,000	0	0	250,000
Bridge Maintenance and Structural Repair	100,000	71,000	75,000	78,000	82,000	85,000	0	0	491,000
Cleaning and Painting of Existing Bridge Structural Steel	229,700	241,300	253,400	266,000	279,200	293,500	0	0	1,563,100
Gaither Road Over South Branch Patapsco	0	0	1,842,000	0	0	0	275,000	0	2,117,000
Hawks Hill Road over Little Pipe Creek Tributary	0	0	0	250,000	5,000	465,000	0	0	720,000
Hollingsworth Road over Unnamed Tributary	581,000	0	0	0	0	0	200,000	0	781,000
McKinstrys Mill Road over Little Pipe Creek	0	0	0	0	0	250,000	0	0	250,000
BRIDGES TOTAL	\$1,062,200	\$349,800	\$2,511,900	\$640,500	\$1,687,200	\$1,139,500	\$475,000	\$0	\$7,866,100

Proj#

Heidi K. Pepin, Management and Budget Project Coordinator (410) 386-2082

Functional Classification: Local Average Daily Traffic: 388 Bridge Number: CL 261

IMPACTS



This project provides funding to replace or repair the existing three-cell-culvert structure, located in central Carroll County, west of Westminster. The type of structure or repair method will be determined during an alternatives analysis.

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

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	30,000		300,000						330,000
Land Acquisition			,	5,000					5,000
Site Work					100,000				100,000
Construction	70,000			·	985,000				1,055,000
Equipment/Furnishings									0
Other	14,000				190,000				204,000
EXPENDITURES									
TOTA	AL 114,000	0	300,000	5,000	1,275,000	0	0	0	1,694,000

PROJECTED OPERATING			

This project provides ongoing funding for the inspection of 21 minor structures that do not qualify for Federal funds. Twenty-one small structures are inspected on the same biennial inspection cycle as the 133 major County-maintained structures. Project includes field inspections of all 21 structures, as well as completion and submission of inspection reports to the County. The inspection reports are used to evaluate repairs and structure replacements.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	37,500	37,500	41,500	41,500	46,000	46,000			250,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTA	L 37,500	37,500	41,500	41,500	46,000	46,000	0	0	250,000
			•			•	•	•	

PROJECTED OPERATING						
IMPACTS	0	0	0	0	0	0

## **Bridge Maintenance and Structural Repair**

## Heidi K. Pepin, Management and Budget Project Coordinator (410) 386-2082

This project provides ongoing funding for preventative 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. Several projects have been identified for the work types below. Additional evaluation will be completed prior to developing contract documents.

Listed below are potential sites for a replacement bridge seal project.

CL 208 Baptist over Alloway Creek
CL 234 Hapes Mill over Big Pipe Creek
CL 265 Flickinger over Big Pipe Creek
CL 271 Arters Mill over Big Pipe Creek
CL 272 Halter over Big Pipe Creek
CL 274 Halter over Big Pipe Creek
CL 275 Halter over Big Pipe Creek
CL 276 Flickinger over Big Pipe Creek
CL 276 Flickinger over Big Pipe Creek
CL 277 Arters Mill over Big Pipe Creek
CL 278 Halter over Big Pipe Creek
CL 279 Halter over Big Pipe Creek
CL 270 Halter over Big Pipe Creek
CL 270 Halter over Big Pipe Creek

Listed below are potential sites for a concrete patching project.

CL 217 Stone over Silver Run
CL 310 Woodbine over S. Branch Patapsco River
CL 311 Morgan over S. Branch Patapsco River
CL 353 Patapsco over W. Branch Patapsco River
CL 373 Coon Club over E. Branch Patapsco River

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	100,000	71,000	75,000	78,000	82,000	85,000			491,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTA	L 100,000	71,000	75,000	78,000	82,000	85,000	0	0	491,000

PROJECTED OPERATING						
IMPACTS	0	0	0	0	0	0

9882

## **Cleaning and Painting of Existing Bridge Structural Steel**

Heidi K. Penin, Management and Budget Project Coordinator (410) 386-2082

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. Funding is accumulated over several years to allow for completion of a larger project.

Listed below are potential sites for the next project.

CL 207 Baptist Road over Alloway Creek

CL 208 Baptist Road over Alloway Creek

CL 211 Bowers Road over Alloway Creek

CL 262 Mayberry Road over Bear Branch

CL 272 Halter Road over Big Pipe Creek

CL 364 Adams Mill Road over Little Pipe Creek

CL 402 York Road No. 1 over S. Branch Gunpowder Falls

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

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
						1			
Engineering/Design	19,700	20,700	21,800	22,900	24,100	25,500			134,700
Land Acquisition									0
Site Work									0
Construction	210,000	220,600	231,600	243,100	255,100	268,000			1,428,400
Equipment/Furnishings									0
Other									0
EXPENDITURES									
•									
TOTA	AL 229,700	241,300	253,400	266,000	279,200	293,500	0	0	1,563,100

PROJECTED OPERATING						
IMPACTS	0	0	0	0	0	0

Functional Classification: Minor Collector

Average Daily Traffic: 1,190 Bridge Number: 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 type of structure will be determined based on an alternatives analysis.

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

_	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							275,000		275,000
Land Acquisition									0
Site Work			146,000						146,000
Construction			1,460,000						1,460,000
Equipment/Furnishings									0
Other			236,000						236,000
EXPENDITURES									
TOTAL	0	0	1,842,000	0	0	0	275,000	0	2,117,000
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PROJECTED OPERATING							]		

PROJECTED OPERATING						
IMPACTS	0	0	0	0	0	0

9722

Functional Classification: Rural Local

Average Daily Traffic: 253 Bridge Number: CL 242



This project provides planned funding to replace the existing small bridge, located in western Carroll County near the Town of New Windsor. The existing structure is constructed of concrete encased steel beams on stone masonry abutments. The type of structure will be determined based on an alternatives analysis. The structure width and waterway opening will be evaluated as part of the analysis.

This project does not qualify for Federal aid.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
-									·
Engineering/Design				250,000					250,000
Land Acquisition					5,000				5,000
Site Work						39,000			39,000
Construction						387,000			387,000
Equipment/Furnishings									0
Other						39,000			39,000
EXPENDITURES									
TOTAL	0	0	0	250,000	5,000	465,000	0	0	720,000
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PROJECTED OPERATING									

PROJECTED OPERATING						
IMPACTS	0	0	0	0	0	0

Proj #

Functional Classification: Rural Local Average Daily Traffic: 1,114 Bridge Number: CL 348



This project provides 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 type of structure will be determined based on an alternatives analysis. The structure width and waterway opening will be evaluated as part of the analysis.

This project does not qualify for Federal aid.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
<u> </u>									
Engineering/Design							200,000		200,000
Land Acquisition	8,000								8,000
Site Work	47,000								47,000
Construction	474,000								474,000
Equipment/Furnishings									0
Other	52,000								52,000
EXPENDITURES									
TOTAL	581,000	0	0	0	0	0	200,000	0	781,000
_			•		•	•		•	
PROJECTED OPERATING									

PROJECTED OPERATING						
IMPACTS	0	0	0	0	0	0

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Functional Classification: Rural Local

Average Daily Traffic: 338 Bridge Number: CL 236



This project provides planned funding to replace the existing bridge, located in western Carroll County, approximately 1.8 miles east of the Town of Union Bridge, with a new structure. The type of structure will be determined based on an alternatives analysis. The structure width and waterway opening will be evaluated as part of the analysis.

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

_	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
-									
Engineering/Design						250,000			250,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	0	0	0	0	250,000	0	0	250,000
PROJECTED OPERATING	0	0	0	0	0	0			

Proj#