

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2020 TO 2025

	2020	2021	2022	2023	2024	2025	Prior Allocation	Balance To Complete	Total Project Cost
<b>BRIDGES</b>									
Bear Run Road over Bear Branch	\$0	\$305,000	\$0	\$1,230,000	\$0	\$0	\$120,000	\$0	\$1,655,000
Bridge Inspection and Inventory	41,000	43,000	45,000	47,000	49,000	51,000	0	0	276,000
Bridge Maintenance and Structural Repair	71,000	75,000	78,000	82,000	85,000	89,000	0	0	480,000
Cleaning and Painting of Bridge Structural Steel	212,000	223,000	234,000	246,000	258,000	271,000	0	0	1,444,000
Gaither Road over South Branch PatapSCO	0	1,997,000	0	0	0	0	275,000	0	2,272,000
Hawks Hill Road over Little Pipe Creek Tributary	0	0	255,000	0	510,000	0	0	0	765,000
McKinstry's Mill Road over Little Pipe Creek	0	0	0	0	250,000	0	0	1,583,000	1,833,000
<b>BRIDGES TOTAL</b>	<b>\$324,000</b>	<b>\$2,643,000</b>	<b>\$612,000</b>	<b>\$1,605,000</b>	<b>\$1,152,000</b>	<b>\$411,000</b>	<b>\$395,000</b>	<b>\$1,583,000</b>	<b>\$8,725,000</b>

# Bear Run Road over Bear Branch

Commissioner District: 1

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

8770

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



This project has prior allocated funding to evaluate grout lining and shotcrete application as a long-term option in lieu of replacement of the three-cell-culvert structure. Shotcrete is the spray application of a fine aggregate concrete mixture to each culvert that will extend the life of the structure. If this option is not viable, planned funding is included in FY 21 and FY 23 to replace the existing structure, located in central Carroll County, west of Westminster. The type of structure will be determined during an alternatives analysis.

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

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		305,000					30,000		<b>335,000</b>
Land Acquisition									<b>0</b>
Site Work				102,000					<b>102,000</b>
Construction				953,000			70,000		<b>1,023,000</b>
Equipment/Furnishings									<b>0</b>
Other				175,000			20,000		<b>195,000</b>
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>0</b>	<b>305,000</b>	<b>0</b>	<b>1,230,000</b>	<b>0</b>	<b>0</b>	<b>120,000</b>	<b>0</b>	<b>1,655,000</b>
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			

# Bridge Inspection and Inventory

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

9684

This project provides ongoing funding for the inspection of twenty-one 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 and four bridges are inspected annually. Project includes field inspections of all twenty-one 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 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	41,000	43,000	45,000	47,000	49,000	51,000			276,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>41,000</b>	<b>43,000</b>	<b>45,000</b>	<b>47,000</b>	<b>49,000</b>	<b>51,000</b>	<b>0</b>	<b>0</b>	<b>276,000</b>
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			

# Bridge Maintenance and Structural Repair

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

9882

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 and are listed below.

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

- |                                       |   |   |
|---------------------------------------|---|---|
| CL 208 Baptist over Alloway Creek     | CL 211 Bowers over Alloway Creek              | CL 364 Adams Mill over Little Pipe Creek      |
| CL 234 Hapes Mill over Big Pipe Creek | CL 262 Mayberry over Bear Branch              | CL 353 Patapsco over W. Branch Patapsco River |
| CL 266 Flickinger over Big Pipe Creek | CL 271 Arters Mill over Big Pipe Creek        | CL 311 Morgan over S. Branch Patapsco River   |
| CL 272 Halter over Big Pipe Creek     | CL 310 Woodbine over S. Branch Patapsco River |   |

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 332 Marriottsville over S. Branch Patapsco River |
| CL 353 Patapsco over W. Branch Patapsco River | CL 373 Coon Club over E. Branch Patapsco River      |

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	71,000	75,000	78,000	82,000	85,000	89,000			480,000
Equipment/Furnishings									0
Other									0
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>71,000</b>	<b>75,000</b>	<b>78,000</b>	<b>82,000</b>	<b>85,000</b>	<b>89,000</b>	<b>0</b>	<b>0</b>	<b>480,000</b>
<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			

# Cleaning and Painting of Bridge Structural Steel

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

9686

This project provides ongoing funding for cleaning and painting of bridge 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, with design anticipated to begin in FY 19.

- 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 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	18,000	19,000	20,000	21,000	22,000	23,000			<b>123,000</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction	194,000	204,000	214,000	225,000	236,000	248,000			<b>1,321,000</b>
Equipment/Furnishings									<b>0</b>
Other									<b>0</b>
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>212,000</b>	<b>223,000</b>	<b>234,000</b>	<b>246,000</b>	<b>258,000</b>	<b>271,000</b>	<b>0</b>	<b>0</b>	<b>1,444,000</b>
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			

# Gaither Road over South Branch Patapsco

Commissioner Districts: 4 and 5

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

8722

Functional Classification: Minor Collector  
 Average Daily Traffic: 1,190  
 Bridge Number: CL 313



This project provides planned funding to replace the 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 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							275,000		275,000
Land Acquisition									0
Site Work		158,000							158,000
Construction		1,589,000							1,589,000
Equipment/Furnishings									0
Other		250,000							250,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>0</b>	<b>1,997,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>275,000</b>	<b>0</b>	<b>2,272,000</b>
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			

# Hawks Hill Road over Little Pipe Creek Tributary

Commissioner District: 4

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

Proj #

Functional Classification: Rural Local

Average Daily Traffic: 253

Bridge Number: CL 242



This project provides planned funding to replace the small bridge, located in western Carroll County near the Town of New Windsor. The existing structure is 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.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design			250,000						<b>250,000</b>
Land Acquisition			5,000						<b>5,000</b>
Site Work					42,000				<b>42,000</b>
Construction					422,000				<b>422,000</b>
Equipment/Furnishings									<b>0</b>
Other					46,000				<b>46,000</b>
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>255,000</b>	<b>0</b>	<b>510,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>765,000</b>
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			

