COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2021 TO 2026

	2021	2022	2023	2024	2025	2026	Prior Allocation	Balance To Complete	Total Project Cost
ROADS									<u> </u>
Highway Safety Improvements	\$32,000	\$33,000	\$35,000	\$37,000	\$38,000	\$40,000	\$0	\$0	\$215,000
Pavement Management Program	13,371,000	13,286,000	11,293,000	15,525,000	15,878,000	16,673,000	0	0	86,026,000
Pavement Preservation	1,150,000	1,180,000	1,215,000	1,255,000	1,300,000	1,350,000	0	0	7,450,000
Ramp and Sidewalk Upgrades	81,000	85,000	88,000	92,000	96,000	103,000	0	0	545,000
Small Drainage Structures	223,500	253,000	283,000	313,000	343,500	360,000	0	0	1,776,000
State Road Projects	100,000	100,000	0	0	0	0	764,990	0	964,990
Storm Drain Rehabilitation	223,500	253,000	283,000	313,000	343,500	360,000	0	0	1,776,000
Storm Drain Video Inspection	139,000	146,000	153,000	161,000	169,000	177,000	0	0	945,000
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ROADS TOTAL	\$15,320,000	\$15,336,000	\$13,350,000	\$17,696,000	\$18,168,000	\$19,063,000	\$764,990	\$0	\$99,697,990
SOURCES OF FUNDING:									
Transfer from General Fund	\$100,000	\$100,000	\$0	\$161,000	\$1,219,000	\$1,277,000	\$764,990	\$0	\$3,621,990
Bonds	12,237,611	12,564,000	10,678,000	14,867,000	15,685,000	16,520,000	0	0	82,551,611
Reallocated Bonds	314,389	0	0	0	0	0	0	0	314,389
State Highway Administration	176,000	176,000	176,000	176,000	176,000	176,000	0	0	1,056,000
Highway User Revenue	2,492,000	2,496,000	2,496,000	2,492,000	1,088,000	1,090,000	0	0	12,154,000
ROADS TOTAL	\$15,320,000	\$15,336,000	\$13,350,000	\$17,696,000	\$18,168,000	\$19,063,000	\$764,990	\$0	\$99,697,990

Highway Safety Improvements

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

This project provides ongoing funding to address roadway segments and road intersections with a history of frequent or severe accidents, and those with a significant potential for accidents. Locations where improvements are needed to address geometric improvements or levels of service are also included in the project. Possible improvements include minor changes in intersection geometry, turn lanes, signing additions or upgrades, traffic calming measures, and pavement marking upgrades.

Recently completed improvements includes a joint project with MD State Highway Administration to address sight distance at Gorsuch Road at MD 482 and lane adjustments on Maple Grove Road by Manchester Valley High.

	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	32,000	33,000	35,000	37,000	38,000	40,000			215,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	32,000	33,000	35,000	37,000	38,000	40,000	0	0	
	32,000	33,000	55,000	57,000	38,000	40,000	0	0	215,000
SOURCES OF FUNDS	52,000	33,000	55,000	57,000	38,000	40,000	0	0	215,000
	32,000	33,000	33,000	37,000	38,000	40,000	0	0	215,000
SOURCES OF FUNDS	52,000	33,000	55,000	57,000	36,000	40,000	0	0	
SOURCES OF FUNDS Transfer from General Fund	52,000	33,000	55,000	57,000	36,000	40,000		0	0
SOURCES OF FUNDS Transfer from General Fund Reallocated GF Transfer	32,000	33,000	35,000	37,000	38,000	40,000			0

Pavement Management Program

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

This project provides ongoing funding for the maintenance, repair, or rehabilitation of the County's 900 miles of paved roads. A pavement management software program is used to collect road condition information and to recommend the most cost-effective repair. Repair strategies include: patching, overlay, mill and overlay, full depth reclamation, and reconstruction. Drainage structures and traffic barriers will be inspected, repaired, replaced, or added where necessary, and sidewalk accessibility will also be evaluated and included if upgrades are due.

Maintaining a road network in satisfactory condition is one of the goals of the Department of Public Works. While addressing roads that are near failure is important, maintaining roads in fair and satisfactory condition is important as well. It is cost effective to address roads while the amount of repair is minimal and this balanced approach keeps the network in satisfactory condition.

During the FY 20 budget process, funding over FY 21 - 23 was reduced by \$4.7M.

	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	120,000	125,000	125,000	125,000	128,000	135,000			758,000
Land Acquisition									0
Site Work									0
Construction	12,790,000	12,250,000	10,225,000	14,300,000	15,000,000	15,750,000			80,315,000
Equipment/Furnishings									0
Other	461,000	911,000	943,000	1,100,000	750,000	788,000			4,953,000
EXPENDITURES									
TOTA	L 13,371,000	13,286,000	11,293,000	15,525,000	15,878,000	16,673,000	0	0	86,026,000

SOURCES OF FUNDS								
Transfer from General Fund					800,000	800,000		1,600,000
Bonds	11,709,611	11,973,000	10,024,000	14,149,000	14,902,000	15,697,000		78,454,611
Reallocated Bonds	314,389							314,389
State Highway Administration	176,000	176,000	176,000	176,000	176,000	176,000		1,056,000
Highway User Revenue	1,171,000	1,137,000	1,093,000	1,200,000				4,601,000

PROJECTED OPERATING							
IMPACTS	0	0	0	0	0	0	0

Pavement Preservation

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

This project provides ongoing funding to place maintenance seal coat, such as microsurface, on paved roads. Pavement preservation is applied to roads still in good condition, before the onset of serious damage. Annual funding addresses approximately 30 - 40 miles.

The project list will be generated in the spring in preparation for the summer construction season.

	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	1,150,000	1,180,000	1,215,000	1,255,000	1,300,000	1,350,000			7,450,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	1,150,000	1,180,000	1,215,000	1,255,000	1,300,000	1,350,000	0	0	7,450,000
SOURCES OF FUNDS									
SOURCES OF FUNDS Transfer from General Fund					250,000	300,000			550,000
					250,000	300,000			550,000
Transfer from General Fund	1,150,000	1,180,000	1,215,000	1,255,000	250,000	300,000			,
Transfer from General Fund Reallocated GF Transfer		1,180,000	1,215,000	1,255,000					0

Ramp and Sidewalk Upgrades

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

This project provides ongoing funding to upgrade or replace non-compliant ramps and sidewalks for ADA accessibility. Non-compliant ramps and sidewalks are also addressed through the Pavement Management Program. This project allows for the acceleration of the replacement and upgrade process.

Eighty-four locations were upgraded in 2018 and 2019 and are now in compliance.

	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work	8,000	8,500	8,500	9,000	9,000	9,500			52,500
Construction	66,000	69,000	72,000	75,000	79,000	85,000			446,000
Equipment/Furnishings									0
Other	7,000	7,500	7,500	8,000	8,000	8,500			46,500
EXPENDITURES									
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TOTAL	81,000	85,000	88,000	92,000	96,000	103,000	0	0	545,000
TOTAL	81,000	85,000	88,000	92,000	96,000	103,000	0	0	545,000
TOTAL SOURCES OF FUNDS	81,000	85,000	88,000	92,000	96,000	103,000	0	0	545,000
	81,000	85,000	88,000	92,000	96,000	103,000	0	0	545,000
SOURCES OF FUNDS	81,000	85,000	88,000	92,000	96,000	103,000	0	0	
SOURCES OF FUNDS Transfer from General Fund	81,000	85,000	88,000	92,000	96,000	103,000	0	0	0
SOURCES OF FUNDS Transfer from General Fund Reallocated GF Transfer	81,000	85,000	88,000	92,000	96,000	103,000	0	0	0
SOURCES OF FUNDS Transfer from General Fund Reallocated GF Transfer Local Income Tax							0	0	0 0 0

Small Drainage Structures

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

This project provides ongoing funding to rehabilitate or replace deteriorated drainage structures including culvert headwalls and ancillary drainage features.

The Department of Public Works continues to incorporate all pipe culverts and drainage structures into the Geographic Information Systems (GIS). Once the locations are identified and mapped, field condition assessments can be made to help determine the most-effective approach to replacing and repairing these structures.

	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	223,500	253,000	283,000	313,000	343,500	360,000			1,776,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	223,500	253,000	283,000	313,000	343,500	360,000	0	0	1,776,000
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SOURCES OF FUNDS									
SOURCES OF FUNDS Transfer from General Fund									0
									-
Transfer from General Fund	223,500	253,000	283,000	313,000	343,500	360,000			0
Transfer from General Fund Reallocated GF Transfer	223,500	253,000	283,000	313,000	343,500	360,000			0
Transfer from General Fund Reallocated GF Transfer Bonds	223,500	253,000	283,000	313,000	343,500	360,000			0 0 1,776,000

State Road Projects

Ashleigh Smith, Management and Budget Analyst (410) 386-2082

This project provides funding to support projects for State roads in Carroll County.

	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	100,000	100,000					764,990		964,990
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	100,000	100,000	0	0	0	0	764,990	0	964,990
TOTAL SOURCES OF FUNDS	100,000	100,000	0	0	0	0	764,990	0	964,990
	100,000 100,000	100,000 100,000	0	0	0	0	764,990 764,990	0	964,990 964,990
SOURCES OF FUNDS			0	0	0	0		0	
SOURCES OF FUNDS Transfer from General Fund			0	0	0	0		0	964,990
SOURCES OF FUNDS Transfer from General Fund Reallocated GF Transfer			0	0	0	0		0	964,990
SOURCES OF FUNDS Transfer from General Fund Reallocated GF Transfer Local Income Tax			0	0	0	0		0	964,990 0

Storm Drain Rehabilitation

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

This project provides ongoing funding to maintain the storm drain system through rehabilitation and replacement. The County maintains about 180 miles (or 950,000 feet) of storm drain infrastructure, primarily located in neighborhoods where curbing, inlets, and manholes exist. Many of these systems were constructed with corrugated metal pipe, which has a life span of 30-50 years, depending on soil, corrosion, and water flow.

In 2018 and 2019, 3,490 linear feet of storm drain pipes were lined.

	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	223,500	253,000	283,000	313,000	343,500	360,000			1,776,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
-									
TOTAL	223,500	253,000	283,000	313,000	343,500	360,000	0	0	1,776,000
TOTAL SOURCES OF FUNDS	223,500	253,000	283,000	313,000	343,500	360,000	0	0	1,776,000
	223,500	253,000	283,000	313,000	343,500	360,000	0	0	1,776,000
SOURCES OF FUNDS	223,500	253,000	283,000	313,000	343,500	360,000	0	0	
SOURCES OF FUNDS Transfer from General Fund	223,500 223,500	253,000 253,000	283,000 283,000	313,000	343,500	360,000	0	0	0
SOURCES OF FUNDS Transfer from General Fund Reallocated GF Transfer							0	0	0
SOURCES OF FUNDS Transfer from General Fund Reallocated GF Transfer Bonds							0	0	0 0 1,776,000

Storm Drain Video Inspection

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

This project provides ongoing funding to gather video inspection data of existing storm drain pipes. Inspection data is also collected for roads planned for repairs from the Pavement Management program. Video inspections will determine if repairs or replacements are needed, and funding is provided for infrastructure rehabilitation in Storm Drain Rehabilitation.

-	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	139,000	146,000	153,000	161,000	169,000	177,000			945,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EATENDITURES									
TOTAL	139,000	146,000	153,000	161,000	169,000	177,000	0	0	945,000
TOTAL	139,000	146,000	153,000	161,000	169,000	177,000	0	0	945,000
TOTAL SOURCES OF FUNDS	139,000	146,000	153,000	161,000 161,000	169,000 169,000	177,000 177,000	0	0	945,000 507,000
TOTAL SOURCES OF FUNDS Transfer from General Fund	139,000	146,000	153,000	,		,	0	0	
TOTAL SOURCES OF FUNDS Transfer from General Fund Reallocated GF Transfer	139,000	146,000	153,000	,		,	0	0	507,000
SOURCES OF FUNDS	139,000 139,000	146,000 146,000	153,000 153,000	,		,	0	0	507,000 0