

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2020 TO 2025

	2020	2021	2022	2023	2024	2025	Prior Allocation	Balance To Complete	Total Project Cost
ROADS									
Bark Hill Material and Equipment Storage	\$0	\$207,000	\$0	\$0	\$0	\$0	\$0	\$0	\$207,000
Dickenson Road Extended	0	170,000	0	0	450,000	1,390,000	0	0	2,010,000
Highway Safety Improvements	30,000	31,500	33,000	35,000	36,500	38,000	0	0	204,000
Hodges Material and Equipment Storage	0	0	273,000	0	0	0	0	0	273,000
Lucabaugh Mill/Sullivan/Lemmon Roads Roundabout	0	1,176,000	0	0	0	0	150,000	0	1,326,000
Market Street Extended	500,000	0	0	0	0	0	1,991,005	0	2,491,005
Pavement Management Program	12,660,000	13,120,000	13,770,000	14,375,000	15,125,000	15,878,000	0	0	84,928,000
Pavement Preservation	1,114,000	1,147,000	1,181,000	1,216,000	1,275,000	1,339,000	0	0	7,272,000
Ramp and Sidewalk Upgrades	78,000	81,000	85,000	88,000	96,000	100,000	0	0	528,000
Ridenour Way Extended	0	0	0	290,000	0	1,140,000	20,000	0	1,450,000
Small Drainage Structures	173,000	182,000	191,000	201,000	211,000	221,000	0	0	1,179,000
Storm Drain Rehabilitation	215,000	265,000	315,000	365,000	415,000	465,000	0	0	2,040,000
Storm Drain Video Inspection	135,000	135,000	135,000	135,000	135,000	135,000	0	0	810,000
Transportation/State Projects	200,000	200,000	200,000	0	0	0	800,000	0	1,400,000
Winfield Material and Equipment Storage	0	0	0	229,000	0	0	0	0	229,000
ROADS TOTAL	\$15,105,000	\$16,714,500	\$16,183,000	\$16,934,000	\$17,743,500	\$20,706,000	\$2,961,005	\$0	\$106,347,005

Bark Hill Material and Equipment Storage

Commissioner District: 1

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

Proj #

This project provides planned funding for a 2,000 square foot storage building at the Bark Hill Salt Storage facility, serving the northwest corner of the County.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		33,000							33,000
Land Acquisition									0
Site Work		17,000							17,000
Construction		148,000							148,000
Equipment/Furnishings									0
Other		9,000							9,000
EXPENDITURES									
TOTAL	0	207,000	0	0	0	0	0	0	207,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Dickenson Road Extended

Commissioner District: 5

Lynn Karr, Senior Management and Budget Analyst (410) 386-2082

Proj #

Functional Classification: Urban Local (planned)
 Average Daily Traffic: TBD
 Length: Approximately 660 feet (CIP project)
 Limits: West Hemlock Drive west to Long Meadow Drive

This project provides planned funding for land acquisition, design, and construction of the County-owned portion of Dickenson Road from the west side of West Hemlock Drive to the east side of Long Meadow Drive. The project is part of a planned major street, Dickenson Road, and will be a westerly extension from the current terminus of Dickenson Road, which is located on the east side of West Hemlock Drive, north of MD 26 (Liberty Road). Total length of the extension is approximately 1,750 feet, of which 1,090 feet to be provided by developers.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		170,000							170,000
Land Acquisition					450,000				450,000
Site Work						210,000			210,000
Construction						910,000			910,000
Equipment/Furnishings									0
Other						270,000			270,000
EXPENDITURES									
TOTAL	0	170,000	0	0	450,000	1,390,000	0	0	2,010,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Highway Safety Improvements

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

9674

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. Possible improvements include minor changes in intersection geometry, turn lanes, signing additions or upgrades, traffic calming measures, and pavement marking upgrades.

	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	30,000	31,500	33,000	35,000	36,500	38,000			204,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	30,000	31,500	33,000	35,000	36,500	38,000	0	0	204,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Hodges Material and Equipment Storage

Commissioner District: 5

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

Proj #

This project provides planned funding for a 2,000 square foot storage building at the Hodges Salt Storage facility, serving the southeast corner of the County.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design			34,000						34,000
Land Acquisition									0
Site Work			18,000						18,000
Construction			156,000						156,000
Equipment/Furnishings									0
Other			65,000						65,000
EXPENDITURES									
TOTAL	0	0	273,000	0	0	0	0	0	273,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Lucabaugh Mill/Sullivan/Lemmon Roads Roundabout

Commissioner District: 3

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

8766

This project provides planned funding for the design and construction of a roundabout at the intersection of Lucabaugh Mill, Sullivan, and Lemmon roads to address safety concerns. Analysis of current alignments, geometry, accident data, right-of-way need, and construction costs are included in the project.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							150,000		150,000
Land Acquisition		10,000							10,000
Site Work									0
Construction		1,060,000							1,060,000
Equipment/Furnishings									0
Other		106,000							106,000
EXPENDITURES									
TOTAL	0	1,176,000	0	0	0	0	150,000	0	1,326,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Market Street Extended

Commissioner District: 3

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

Proj #

Functional Classification: Collector
 Average Daily Traffic: TBD
 Length: Approximately 1,400 feet
 Limits: MD 140 to Old Westminster Pike

This project provides funding for the construction of a more direct connection to MD 140 from Old Westminster Pike. This connector will reduce traffic on Old Baltimore Road and the local streets that extend from Old Westminster Pike to Old Baltimore Road, and will provide redundancy in the road network. The connection to MD 140 will be located at the existing traffic signal at Market Street and Old Baltimore Road.

	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							1,271,005		1,271,005
Site Work							51,000		51,000
Construction	500,000						516,000		1,016,000
Equipment/Furnishings									0
Other							153,000		153,000
EXPENDITURES									
TOTAL	500,000	0	0	0	0	0	1,991,005	0	2,491,005
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Pavement Management Program

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

8767

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 Department's goals. 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 work is minimal and this balanced approach keeps the network in satisfactory condition.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	115,000	120,000	125,000	125,000	125,000	128,000			738,000
Land Acquisition									0
Site Work									0
Construction	11,970,000	12,400,000	13,020,000	13,600,000	14,300,000	15,000,000			80,290,000
Equipment/Furnishings									0
Other	575,000	600,000	625,000	650,000	700,000	750,000			3,900,000
EXPENDITURES									
TOTAL	12,660,000	13,120,000	13,770,000	14,375,000	15,125,000	15,878,000	0	0	84,928,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Pavement Preservation

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

8768

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

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

	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	1,114,000	1,147,000	1,181,000	1,216,000	1,275,000	1,339,000			7,272,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	1,114,000	1,147,000	1,181,000	1,216,000	1,275,000	1,339,000	0	0	7,272,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Ramp and Sidewalk Upgrades

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

8626

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.

	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	8,000	8,000	8,000	8,000	10,000	10,000			52,000
Construction	63,000	66,000	69,000	72,000	76,000	80,000			426,000
Equipment/Furnishings									0
Other	7,000	7,000	8,000	8,000	10,000	10,000			50,000
EXPENDITURES									
TOTAL	78,000	81,000	85,000	88,000	96,000	100,000	0	0	528,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Ridenour Way Extended

Commissioner District: 5

Lynn Karr, Senior Management and Budget Analyst (410) 386-2082

8308

Functional Classification: Urban Local (planned)

Average Daily Traffic: TBD

Length: Approximately 1,000 feet

Limits: From terminus west of Fallon Road westerly to Old Liberty Road

This project provides planned funding for the design and construction of the continuation of Ridenour Way from its current terminus (nearly 500 feet west of Fallon Road) westerly to Old Liberty Road. The project is part of a planned major street, Ridenour Way, which will extend the roadway an additional 1,000 feet to the west and connect to Old Liberty Road. Completion of this segment of the planned roadway will result in a continuous roadway that parallels Liberty Road (MD 26) and connects to two roadways (Fallon Road and Old Liberty Road) that access the state highway.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design				290,000			20,000		310,000
Land Acquisition									0
Site Work						310,000			310,000
Construction						500,000			500,000
Equipment/Furnishings									0
Other						330,000			330,000
EXPENDITURES									
TOTAL	0	0	0	290,000	0	1,140,000	20,000	0	1,450,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Small Drainage Structures

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

9847

This project provides ongoing funding to rehabilitate or replace deteriorated drainage structures including culvert headwalls and ancillary drainage features. Recently completed project sites include Sunshine Way culvert rehabilitation and Lineboro Road culvert replacement.

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 cost-effective approach to replacing and repairing these structures.

	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	173,000	182,000	191,000	201,000	211,000	221,000			1,179,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	173,000	182,000	191,000	201,000	211,000	221,000	0	0	1,179,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Storm Drain Rehabilitation

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

8627

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.



	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	215,000	265,000	315,000	365,000	415,000	465,000			2,040,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	215,000	265,000	315,000	365,000	415,000	465,000	0	0	2,040,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Storm Drain Video Inspection

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

8769

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

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	135,000	135,000	135,000	135,000	135,000	135,000			810,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	135,000	135,000	135,000	135,000	135,000	135,000	0	0	810,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Transportation/State Projects

Lynn Karr, Senior Management and Budget Analyst (410) 386-2082

8629

This project provides funding to support State road projects in Carroll County. Having County funding available to contribute to State projects may encourage the planning, construction, or improvement of State roads in Carroll County.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	200,000	200,000	200,000				800,000		1,400,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	200,000	200,000	200,000	0	0	0	800,000	0	1,400,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Winfield Material and Equipment Storage

Commissioner District: 5

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

Proj #

This project provides planned funding for a 2,000 square foot storage building at the Winfield Salt Storage facility, serving the southwest corner of the County.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design				36,000					36,000
Land Acquisition									0
Site Work				19,000					19,000
Construction				163,000					163,000
Equipment/Furnishings									0
Other				11,000					11,000
EXPENDITURES									
TOTAL	0	0	0	229,000	0	0	0	0	229,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			