

Traffic Control

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Capital Budget and Program

Anne Arundel County, Maryland

Project Class Summary - Project Listing

County Executive Request

Project	Project Title	Total	Prior	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
Project Class: Traffic Control									
H479100	Guardrail	\$577,588	\$217,588	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
H479200	Traffic Signal Mod	\$2,617,079	\$817,079	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000
H479400	New Traffic Signals	\$4,294,137	\$2,194,137	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000
H479500	Nghborhd Traf Con	\$997,932	\$397,932	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
H542100	New Streetlighting	\$1,307,468	\$407,468	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
H550700	Streetlight Conversion	\$4,346,447	\$1,346,447	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
H563600	SL Pole Replacement	\$4,515,156	\$1,515,156	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
H564200	Developer Streetlights	\$16,500,000	\$7,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000
H569300	Auto Flood Warning-Brdgs/Rds	\$2,166,000	\$2,166,000	\$0	\$0	\$0	\$0	\$0	\$0
Total Traffic Control		\$37,321,808	\$16,561,808	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000

Capital Budget and Program

Anne Arundel County, Maryland

Project Class Summary - Funding Detail		County Executive Request							
Project	Project Title	Total	Prior	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
Project Class Traffic Control									
Bonds									
	General County Bonds	\$20,356,367	\$8,596,367	\$1,960,000	\$1,960,000	\$1,960,000	\$1,960,000	\$1,960,000	\$1,960,000
	Bonds	\$20,356,367	\$8,596,367	\$1,960,000	\$1,960,000	\$1,960,000	\$1,960,000	\$1,960,000	\$1,960,000
PayGo									
	General Fund PayGo	\$305,401	\$305,401	\$0	\$0	\$0	\$0	\$0	\$0
	PayGo	\$305,401	\$305,401	\$0	\$0	\$0	\$0	\$0	\$0
Grants & Aid									
	Other Fed Grants	\$160,040	\$160,040	\$0	\$0	\$0	\$0	\$0	\$0
	Grants & Aid	\$160,040	\$160,040	\$0	\$0	\$0	\$0	\$0	\$0
Other									
	Developer Contribution	\$16,500,000	\$7,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000
	Other	\$16,500,000	\$7,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000
	Traffic Control	\$37,321,808	\$16,561,808	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000

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H479100 Guardrail

Class: Traffic Control

FY2019 County Executive Request

Description

This project is to install guardrails at potential accident locations for traffic safety and to upgrade guardrail installations that no longer meet safety standards.

Location

Countywide

Benefit

Increased public safety.

Amendment History

Prior approval has been adjusted to show the closing of jobs on this project. County Council removed \$60k via AMD #41 to Bill 35-08. County Council removed \$45k via AMD #46 to Bill 24-09. County Council removed \$40k in the prgm via AMD #51 to Bill 27-11.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$610,549	Construction	\$530,014	\$194,014	\$56,000	\$56	\$56	\$56	\$56	\$56	
\$49,203	Overhead	\$47,574	\$23,574	\$4,000	\$4	\$4	\$4	\$4	\$4	
\$0	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$659,752	Total	\$577,588	\$217,588	\$60,000	\$60	\$60	\$60	\$60	\$60	
More (Less) Than Prior Year Program:		(\$82,164)	(\$142,164)	\$0	\$0	\$0	\$0	\$0	\$60	Multi-Yr

H479100 Guardrail

Class: Traffic Control

FY2019 County Executive Request

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Multi-Year
3. Action Required To Complete This Project: Multi-Year

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: Added FY24 Funding.
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 1999 \$330,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2017	\$202,712	\$78,097	\$280,808
April 1, 2018	\$153,373	\$58,154	\$211,527

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$659,752	General County Bonds	\$577,588	\$217,588	\$60,000	\$60	\$60	\$60	\$60	\$60	
\$659,752	Total	\$577,588	\$217,588	\$60,000	\$60	\$60	\$60	\$60	\$60	
More (Less) Than Prior Year Program:		(\$82,164)	(\$142,164)	\$0	\$0	\$0	\$0	\$0	\$60	Multi-Yr

H479200 Traffic Signal Mod

Class: Traffic Control

FY2019 County Executive Request

Description

This project funds upgrading or replacement of traffic control equipment which is obsolete, outdated, or non-maintainable. Also funds the yearly area-wide maintenance contract.

Location

Countywide

Benefit

Continued safe and efficient operation of County owned traffic signals.

Amendment History

Prior approval has been adjusted to show the combination of H4679, Signal Equipment 98.
 Prior approval has been adjusted to show the closing of jobs on this project.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$2,405,268	Construction	\$2,421,752	\$741,752	\$280,000	\$280	\$280	\$280	\$280	\$280	
\$185,988	Overhead	\$195,328	\$75,328	\$20,000	\$20	\$20	\$20	\$20	\$20	
\$2,591,256	Total	\$2,617,079	\$817,079	\$300,000	\$300	\$300	\$300	\$300	\$300	
More (Less) Than Prior Year Program:		\$25,824	(\$274,177)	\$0	\$0	\$0	\$0	\$0	\$300	Multi-Yr

H479200 Traffic Signal Mod

Class: Traffic Control

FY2019 County Executive Request

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Multi-Year
3. Action Required To Complete This Project: Multi-Year

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: Added FY24 Funding.
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 1999 \$300,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2017	\$282,652	\$236,021	\$518,672
April 1, 2018	\$577,951	\$190,799	\$768,749

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$2,591,256	General County Bonds	\$2,617,079	\$817,079	\$300,000	\$300	\$300	\$300	\$300	\$300	
\$2,591,256	Total	\$2,617,079	\$817,079	\$300,000	\$300	\$300	\$300	\$300	\$300	
More (Less) Than Prior Year Program:		\$25,824	(\$274,177)	\$0	\$0	\$0	\$0	\$0	\$300	Multi-Yr

H479400 New Traffic Signals

Class: Traffic Control

FY2019 County Executive Request

Description

This project will fund the construction of new traffic control equipment on County roadways. This project also includes the construction of new Intelligent Transportation Systems (ITS) such as video detection and monitoring, automated count stations and communication systems to coordinate signals.

Location

Countywide

Benefit

Increased public safety.

Amendment History

Prior approval was increased by \$183k in Council Bill #75-98. Prior approval has been adjusted to show the combination of H4682, New Traffic Sig 98. Prior approval has been adjusted to show the closing of jobs on this project.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$344,090	Plans and Engineering	\$336,758	\$234,758	\$17,000	\$17	\$17	\$17	\$17	\$17	
\$11,261	Land	\$12,261	\$6,261	\$1,000	\$1	\$1	\$1	\$1	\$1	
\$3,293,203	Construction	\$3,603,203	\$1,743,203	\$310,000	\$310	\$310	\$310	\$310	\$310	
\$217,578	Overhead	\$238,514	\$106,514	\$22,000	\$22	\$22	\$22	\$22	\$22	
(\$9,600)	Furn., Fixtures and Equip.	(\$9,600)	(\$9,600)	\$0	\$0	\$0	\$0	\$0	\$0	
\$113,000	Other	\$113,000	\$113,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$3,969,532	Total	\$4,294,137	\$2,194,137	\$350,000	\$350	\$350	\$350	\$350	\$350	
More (Less) Than Prior Year Program:		\$324,605	(\$25,395)	\$0	\$0	\$0	\$0	\$0	\$350	Multi-Yr

H479400 New Traffic Signals

Class: Traffic Control

FY2019 County Executive Request

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Multi-Year
3. Action Required To Complete This Project: Multi-Year

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: Added FY24 funding.
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 1999 \$1,800,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2017	\$690,392	\$602,195	\$1,292,587
April 1, 2018	\$697,877	\$1,027,037	\$1,724,915

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$3,809,492	General County Bonds	\$4,134,097	\$2,034,097	\$350,000	\$350	\$350	\$350	\$350	\$350	
\$160,040	Other Fed Grants	\$160,040	\$160,040	\$0	\$0	\$0	\$0	\$0	\$0	
\$3,969,532	Total	\$4,294,137	\$2,194,137	\$350,000	\$350	\$350	\$350	\$350	\$350	
More (Less) Than Prior Year Program:		\$324,605	(\$25,395)	\$0	\$0	\$0	\$0	\$0	\$350	Multi-Yr

H479500 Nghbrhd Traf Con

Class: Traffic Control

FY2019

County Executive Request

Description

Funds are requested to construct various traffic calming devices on neighborhood streets in order to control traffic speeds. Installation of these devices will be undertaken after discussion with the community.

Location

Countywide

Benefit

Increased public safety.

Amendment History

Prior approval has been adjusted to show the combination of H4677, Nghbrhd Trffc Con 98. Prior approval has been adjusted to show the closing of jobs on this project. Removed \$50k via amendment #28 to Bill 46-13. Removed \$100,000 via AMD #23 to Bill 23-14.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$0	Plans and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$0	Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$874,834	Construction	\$888,409	\$348,409	\$90,000	\$90	\$90	\$90	\$90	\$90	
\$102,925	Overhead	\$109,524	\$49,524	\$10,000	\$10	\$10	\$10	\$10	\$10	
\$977,758	Total	\$997,932	\$397,932	\$100,000	\$100	\$100	\$100	\$100	\$100	
More (Less) Than Prior Year Program:		\$20,174	(\$79,826)	\$0	\$0	\$0	\$0	\$0	\$100	Multi-Yr

H479500 Nghborhd Traf Con

Class: Traffic Control

FY2019 County Executive Request

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Multi-Year
3. Action Required To Complete This Project: Multi-Year

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: Added FY24 funding.
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 1999 \$1,200,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2017	\$153,210	\$55,808	\$209,018
April 1, 2018	\$174,685	\$46,493	\$221,178

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$700,000	General County Bonds	\$800,000	\$200,000	\$100,000	\$100	\$100	\$100	\$100	\$100	
\$277,758	General Fund PayGo	\$197,932	\$197,932	\$0	\$0	\$0	\$0	\$0	\$0	
\$977,758	Total	\$997,932	\$397,932	\$100,000	\$100	\$100	\$100	\$100	\$100	
More (Less) Than Prior Year Program:		\$20,174	(\$79,826)	\$0	\$0	\$0	\$0	\$0	\$100	Multi-Yr

H542100 New Streetlighting

Class: Traffic Control

FY2019 County Executive Request

Description

This project will be used to fund the installation of new streetlights to improve safety and reduce crime. Streetlights will be installed at locations to enhance the safety of pedestrians in the impact area.

Location

Countywide

Benefit

To improve safety and reduce crime by improving levels of illumination at specific problem locations identified by the Police Department.

Amendment History

Prior approval has been adjusted to show the closing of jobs on this project.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$1,144,782	Construction	\$1,216,116	\$376,116	\$140,000	\$140	\$140	\$140	\$140	\$140	
\$84,314	Overhead	\$91,352	\$31,352	\$10,000	\$10	\$10	\$10	\$10	\$10	
\$1,229,096	Total	\$1,307,468	\$407,468	\$150,000	\$150	\$150	\$150	\$150	\$150	
More (Less) Than Prior Year Program:		\$78,373	(\$71,627)	\$0	\$0	\$0	\$0	\$0	\$150	Multi-Yr

H542100 New Streetlighting

Class: Traffic Control

FY2019 County Executive Request

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Multi-Year
3. Action Required To Complete This Project: Multi-Year

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Added FY24 Funding.
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 2008 \$1,800,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2017	\$116,235	\$168,460	\$284,695
April 1, 2018	\$231,656	\$127,566	\$359,222

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$1,050,000	General County Bonds	\$1,200,000	\$300,000	\$150,000	\$150	\$150	\$150	\$150	\$150	
\$179,096	General Fund PayGo	\$107,468	\$107,468	\$0	\$0	\$0	\$0	\$0	\$0	
\$1,229,096	Total	\$1,307,468	\$407,468	\$150,000	\$150	\$150	\$150	\$150	\$150	
More (Less) Than Prior Year Program:		\$78,373	(\$71,627)	\$0	\$0	\$0	\$0	\$0	\$150	Multi-Yr

H550700 Streetlight Conversion

Class: Traffic Control

FY2019 County Executive Request

Description

Conversion of County-owned streetlights to LED streetlights in order to reduce operating costs. All work will be done by BGE.

Mercury vapor streetlights present a hazardous waste issue, requiring replacement by other fixtures as these burn out. Sodium vapor streetlights use significantly more energy than LED streetlights. LED streetlights have been added to BGE's inventory, reducing energy costs and eliminating annual maintenance costs.

Location

Countywide

Benefit

Improved efficiency of overall operation and regulatory compliance.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$3,852,462	Construction	\$4,052,263	\$1,244,263	\$468,000	\$468	\$468	\$468	\$468	\$468	
\$273,060	Overhead	\$294,184	\$102,184	\$32,000	\$32	\$32	\$32	\$32	\$32	
\$4,125,522	Total	\$4,346,447	\$1,346,447	\$500,000	\$500	\$500	\$500	\$500	\$500	
More (Less) Than Prior Year Program:		\$220,925	(\$279,075)	\$0	\$0	\$0	\$0	\$0	\$500	Multi-Yr

H550700 Streetlight Conversion

Class: Traffic Control

FY2019 County Executive Request

Project Status

1. Current status of this Project: Active
2. Action taken in Current Fiscal Year: Multi-Year
3. Action required to complete this Project: Multi-Year

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Added FY24 funding.
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2013 \$1,445,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2017	\$563,688	\$461,129	\$1,024,818
April 1, 2018	\$633,671	\$587,687	\$1,221,358

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$4,125,522	General County Bonds	\$4,346,447	\$1,346,447	\$500,000	\$500	\$500	\$500	\$500	\$500	
\$4,125,522	Total	\$4,346,447	\$1,346,447	\$500,000	\$500	\$500	\$500	\$500	\$500	
More (Less) Than Prior Year Program:		\$220,925	(\$279,075)	\$0	\$0	\$0	\$0	\$0	\$500	Multi-Yr

H563600 SL Pole Replacement

Class: Traffic Control

FY2019 County Executive Request

Description

This project is to replace all pre-1996 street light poles and fixtures over a fifteen year period.

The County owns approximately 12,000 fiberglass street light poles and fixtures on County roadways installed prior to 1996. Fiberglass poles and fixtures, generally have a lifespan of 20-25 years.

Location

Countywide

Benefit

Health/Safety, Rehabilitation and Replacement. Replacement of failing street light poles prevents potential injury to passers-by and/or damage to property, or potential safety hazard from failing fixtures. Older poles also "bloom", a condition where the fiberglass material delaminates and splinters. Replacing these poles eliminates the safety hazard to pedestrians brushing up against the splinters.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$4,230,000	Construction	\$4,235,000	\$1,415,000	\$470,000	\$470	\$470	\$470	\$470	\$470	
\$270,000	Overhead	\$280,156	\$100,156	\$30,000	\$30	\$30	\$30	\$30	\$30	
\$4,500,000	Total	\$4,515,156	\$1,515,156	\$500,000	\$500	\$500	\$500	\$500	\$500	
More (Less) Than Prior Year Program:		\$15,156	(\$484,844)	\$0	\$0	\$0	\$0	\$0	\$500	Multi-Yr

H563600 SL Pole Replacement

Class: Traffic Control

FY2019 County Executive Request

Project Status

1. Current status of this project: Active
2. Action taken in Current Fiscal Year: Multi-Year
3. Action required to complete this project: Multi-Year

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Added FY24 funding.
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2015 \$3,000,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2017	\$1,097,934	\$340,805	\$1,438,739
April 1, 2018	\$1,027,201	\$405,581	\$1,432,782

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$4,500,000	General County Bonds	\$4,515,156	\$1,515,156	\$500,000	\$500	\$500	\$500	\$500	\$500	
\$4,500,000	Total	\$4,515,156	\$1,515,156	\$500,000	\$500	\$500	\$500	\$500	\$500	
More (Less) Than Prior Year Program:		\$15,156	(\$484,844)	\$0	\$0	\$0	\$0	\$0	\$500	Multi-Yr

H564200 Developer Streetlights

Class: Traffic Control

FY2019

County Executive Request

Description

This project enables the use of funds paid by developers through Public Works Agreements into a special revenue fund, in accordance with Bill 104-13, for the installation of streetlights in new developments.

Location

Countywide

Benefit

Service Expansion to provide street lighting for safety and security of pedestrians and motorists in new subdivisions.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$15,000,000	Other	\$16,500,000	\$7,500,000	\$1,500,000	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	
\$15,000,000	Total	\$16,500,000	\$7,500,000	\$1,500,000	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	
More (Less) Than Prior Year Program:		\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500	Multi-Yr

H564200 Developer Streetlights

Class: Traffic Control

FY2019 County Executive Request

Project Status

1. Current status of this project: Active
2. Action taken in Current Fiscal Year: Multi-Year
3. Action required to complete this project: Multi-Year

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Added FY24 funding.
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2015 \$12,000,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2017	\$1,341,872	\$1,577,756	\$2,919,628
April 1, 2018	\$1,955,302	\$1,801,422	\$3,756,724

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$15,000,000	Developer Contribution	\$16,500,000	\$7,500,000	\$1,500,000	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	
\$15,000,000	Total	\$16,500,000	\$7,500,000	\$1,500,000	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	
More (Less) Than Prior Year Program:		\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500	Multi-Yr

H569300 Auto Flood Warning-Brdgs/Rds

Class: Traffic Control

FY2019

County Executive Request

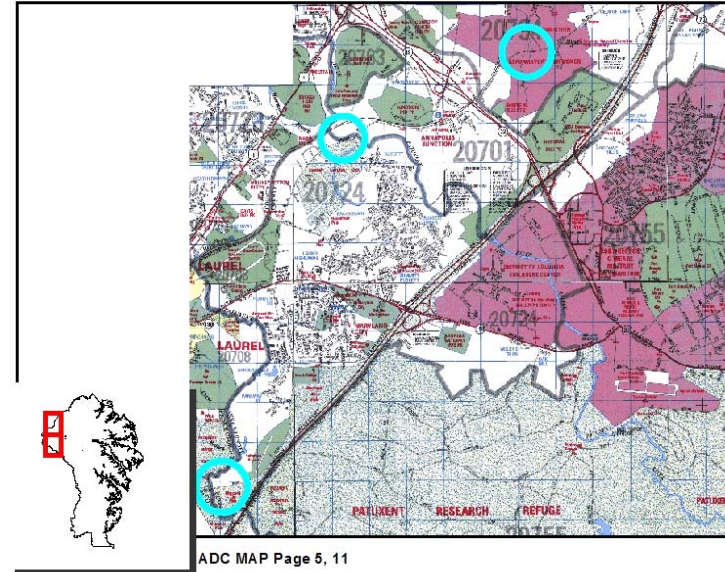
Description

This project will expand the County's flood warning network with additional advisory message systems at flood prone bridges and road segments, and add road closure systems at three specific locations along Brock Bridge Road at crossings over the Patuxent River, Little Patuxent River, and Dorsey Run.

Benefit

Improved roadway and traffic safety.

Amendment History



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$203,000	Plans and Engineering	\$203,000	\$203,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,859,000	Construction	\$1,859,000	\$1,859,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$104,000	Overhead	\$104,000	\$104,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,166,000	Total	\$2,166,000	\$2,166,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

H569300 Auto Flood Warning-Brdgs/Rds

Class: Traffic Control

FY2019

County Executive Request

Project Status

1. Current status of this project: Active
2. Action taken in Current Fiscal Year: Design
3. Action required to complete this project: Construction and Performance

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2017 \$2,166,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2017	\$2,930	\$0	\$2,930
April 1, 2018	\$8,666	\$96,037	\$104,703

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2019	Capital Program (\$000)					Beyond 6 Years
					FY2020	FY2021	FY2022	FY2023	FY2024	
\$2,166,000	General County Bonds	\$2,166,000	\$2,166,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,166,000	Total	\$2,166,000	\$2,166,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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