

## Water

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**Capital Budget and Program**

**Anne Arundel County, Maryland**

**Project Class Summary - Project Listing**

**Council Approved**

<b>Project</b>	<b>Project Title</b>	<b>Total</b>	<b>Prior</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>
<b>Project Class Water</b>									
W744400	Exist Well Redev/Repl	\$17,497,576	\$7,497,576	\$2,000,000	\$1,600,000	\$1,600,000	\$1,600,000	\$1,600,000	\$1,600,000
W777600	Gibson Island WTP Upgr	\$3,913,000	\$4,273,000	(\$360,000)	\$0	\$0	\$0	\$0	\$0
W778400	TM Odenton to GB High P Zone	\$21,936,000	\$23,743,000	(\$1,807,000)	\$0	\$0	\$0	\$0	\$0
W778600	Crofton Meadows II WTP Upgr	\$41,197,000	\$39,197,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0
W778800	Water Strategic Plan	\$1,960,000	\$1,710,000	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
W787800	Fire Hydrant Rehab	\$5,026,674	\$2,926,674	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000
W793400	Disney Road Booster Station	\$4,831,000	\$5,767,000	(\$936,000)	\$0	\$0	\$0	\$0	\$0
W799400	Severndale WTP Upgrade PH III	\$6,645,000	\$6,005,000	\$640,000	\$0	\$0	\$0	\$0	\$0
W799600	Elevated Water Storage	\$68,477,827	\$49,449,827	\$5,153,000	\$11,700,000	\$365,000	\$1,810,000	\$0	\$0
W800300	Balto City Water Main Rpr	\$11,770,000	\$12,270,000	(\$500,000)	\$0	\$0	\$0	\$0	\$0
W801000	350 Zone Improvements	\$4,717,000	\$4,807,000	(\$90,000)	\$0	\$0	\$0	\$0	\$0
W801300	16" Reidel to Rte 3	\$3,366,100	\$2,957,100	\$409,000	\$0	\$0	\$0	\$0	\$0
W801400	Crofton Meadows II Exp Ph 2	\$21,700,000	\$5,268,000	\$0	\$16,432,000	\$0	\$0	\$0	\$0
W801600	TM-MD Rte 32 @ Meade	\$14,448,800	\$8,549,800	\$0	\$5,899,000	\$0	\$0	\$0	\$0
W803300	WTR Infrastr Up/Retro	\$6,843,873	\$3,343,873	\$1,000,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
W803600	East/West TM - North	\$51,235,000	\$19,235,000	\$0	\$0	\$8,000,000	\$8,000,000	\$8,000,000	\$8,000,000
W803700	Sylvan Shores Water	\$4,464,000	\$4,600,000	(\$136,000)	\$0	\$0	\$0	\$0	\$0
W804000	Broad Creek WTP Exp	\$33,344,000	\$26,344,000	\$1,000,000	\$3,000,000	\$3,000,000	\$0	\$0	\$0
W804200	Withernsea WTP	\$892,000	\$2,292,000	(\$1,400,000)	\$0	\$0	\$0	\$0	\$0
W805000	Water Fac Emerg Generators	\$14,948,000	\$9,083,000	\$0	\$0	\$0	\$1,955,000	\$1,955,000	\$1,955,000
W805200	Old Mill Bottom WTR	\$0	\$836,000	(\$836,000)	\$0	\$0	\$0	\$0	\$0
W805300	Perch Drive Water Extension	\$0	\$625,000	(\$625,000)	\$0	\$0	\$0	\$0	\$0
W805400	Pike Drive Water Extension	\$770,000	\$570,000	\$200,000	\$0	\$0	\$0	\$0	\$0
W805500	Arnold Lime System Upgrade	\$6,129,000	\$0	\$6,129,000	\$0	\$0	\$0	\$0	\$0
W805600	Dorsey Lime System Upgrade	\$3,120,000	\$0	\$305,000	\$2,815,000	\$0	\$0	\$0	\$0
X733700	Water Main Repl/Recon	\$48,193,199	\$22,993,199	\$4,200,000	\$4,200,000	\$4,200,000	\$4,200,000	\$4,200,000	\$4,200,000
X764300	Water Proj Planning	\$1,514,423	\$914,423	\$600,000	\$0	\$0	\$0	\$0	\$0

**Capital Budget and Program**

**Anne Arundel County, Maryland**

**Project Class Summary - Project Listing**

**Council Approved**

<b>Project</b>	<b>Project Title</b>	<b>Total</b>	<b>Prior</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>
X787000	Water Storage Tank Painting	\$31,108,467	\$20,586,467	\$2,834,000	\$2,947,000	\$1,068,000	\$0	\$3,673,000	\$0
Y514200	Routine Water Extensions	\$2,464,242	\$1,464,242	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
W741400	Chg Against Wtr Clsd Projects	\$663,390	\$663,390	\$0	\$0	\$0	\$0	\$0	\$0
W753400	Demo Abandoned Facilities	\$515,723	\$515,723	\$0	\$0	\$0	\$0	\$0	\$0
W783000	Cape St Claire Rd TM	\$1,109,000	\$1,109,000	\$0	\$0	\$0	\$0	\$0	\$0
W793200	TM Meade to Jessup	\$8,983,000	\$8,983,000	\$0	\$0	\$0	\$0	\$0	\$0
W797600	Independent Well Upgrd	\$2,171,058	\$2,171,058	\$0	\$0	\$0	\$0	\$0	\$0
W800200	Water System Security	\$5,547,190	\$5,547,190	\$0	\$0	\$0	\$0	\$0	\$0
W801200	12" St Marg/Old Mill Bttm	\$3,836,000	\$3,836,000	\$0	\$0	\$0	\$0	\$0	\$0
W801700	Glen Burnie High Zone	\$5,647,000	\$5,647,000	\$0	\$0	\$0	\$0	\$0	\$0
W801800	Arnold WTP Exp	\$35,639,000	\$35,639,000	\$0	\$0	\$0	\$0	\$0	\$0
W803400	Water Proj Mgmt	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0
W803500	Hospital Drive WTR Ext	\$1,176,000	\$1,176,000	\$0	\$0	\$0	\$0	\$0	\$0
W804300	New Cut WTP	\$1,176,000	\$1,176,000	\$0	\$0	\$0	\$0	\$0	\$0
W804500	North Co Water Dist Imp	\$7,054,000	\$7,054,000	\$0	\$0	\$0	\$0	\$0	\$0
W804600	Balt City - Fullerton WTP	\$106,000	\$106,000	\$0	\$0	\$0	\$0	\$0	\$0
W804700	Northeast Water Facility	\$139,000	\$139,000	\$0	\$0	\$0	\$0	\$0	\$0
W804900	Petition-Cape St Claire Water	\$240,000	\$240,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Water</b>		\$508,514,543	\$363,310,543	\$20,130,000	\$49,693,000	\$19,333,000	\$18,665,000	\$20,528,000	\$16,855,000

Capital Budget and Program

Anne Arundel County, Maryland

Project Class Summary - Funding Detail							Council Approved		
Project	Project Title	Total	Prior	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
<b>Project Class Water</b>									
<b>Bonds</b>									
	Water Bonds	\$438,211,426	\$322,660,426	\$14,822,000	\$44,119,000	\$14,699,000	\$14,565,000	\$14,591,000	\$12,755,000
	Conversion County Bnd	\$222,364	\$222,364	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Bonds</b>	\$438,433,790	\$322,882,790	\$14,822,000	\$44,119,000	\$14,699,000	\$14,565,000	\$14,591,000	\$12,755,000
<b>PayGo</b>									
	Water PayGo	\$55,978,138	\$26,325,138	\$5,308,000	\$5,574,000	\$4,634,000	\$4,100,000	\$5,937,000	\$4,100,000
	Conv. PayGo Enterpris	\$1,029,375	\$1,029,375	\$0	\$0	\$0	\$0	\$0	\$0
	<b>PayGo</b>	\$57,007,513	\$27,354,513	\$5,308,000	\$5,574,000	\$4,634,000	\$4,100,000	\$5,937,000	\$4,100,000
<b>Grants &amp; Aid</b>									
	Other Fed Grants	\$1,078,240	\$1,078,240	\$0	\$0	\$0	\$0	\$0	\$0
	Other State Grants	\$905,000	\$905,000	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Grants &amp; Aid</b>	\$1,983,240	\$1,983,240	\$0	\$0	\$0	\$0	\$0	\$0
<b>Other</b>									
	Developer Contribution	\$430,000	\$430,000	\$0	\$0	\$0	\$0	\$0	\$0
	Project Reimbursement	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$8,660,000	\$8,660,000	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Other</b>	\$11,090,000	\$11,090,000	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Water</b>	\$508,514,543	\$363,310,543	\$20,130,000	\$49,693,000	\$19,333,000	\$18,665,000	\$20,528,000	\$16,855,000



**W744400 Exist Well Redev/Repl**

**Class: Water**

**FY2017 Council Approved**

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Performance Severndale 6 & 7, Complete Construction & Performance Arnold Electrical Upgrade Wells 1-6, Complete Design & Begin Construction for Rose Haven 1 & 2 and Broad Creek 5, Electrical Upgrades.
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 FY22 Funding.
3. Change In Scope: None
4. Change In Timing: None

**Estimated Operating Budget Impact: None**

**Initial Total Project Cost Estimate**

FY 1987 \$4,380,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2015</b>	\$2,012,692	\$1,748,964	\$3,761,657
<b>April 1, 2016</b>	\$2,450,261	\$3,576,386	\$6,026,647

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2017</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	
\$7,726,770	Water Bonds	\$3,926,770	\$2,926,770	\$1,000,000	\$0	\$0	\$0	\$0	\$0	
\$5,314,627	Water PayGo	\$11,570,807	\$1,570,807	\$2,000,000	\$1,600	\$1,600	\$1,600	\$1,600	\$1,600	
\$3,000,000	Bond Premium	\$2,000,000	\$3,000,000	(\$1,000,000)	\$0	\$0	\$0	\$0	\$0	
\$16,041,396	<b>Total</b>	\$17,497,576	\$7,497,576	\$2,000,000	\$1,600	\$1,600	\$1,600	\$1,600	\$1,600	
<b>More (Less) Than Prior Year Program:</b>		\$1,456,180	(\$543,820)	\$400,000	\$0	\$0	\$0	\$0	\$1,600	Multi-Yr

W777600 Gibson Island WTP Upgr

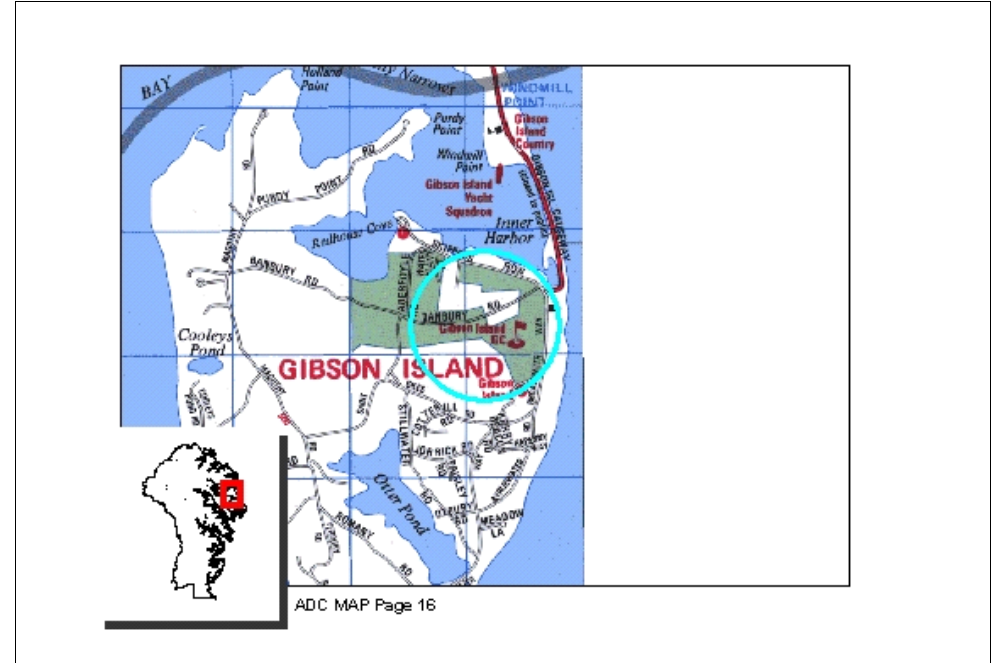
Class: Water

FY2017

Council Approved

**Description**

Funds are programmed to design and construct upgrades to the treatment and chemical handling systems at the existing Gibson Island WTP and ground storage tank.



**Benefit**

Upgrade of existing systems and increased reliability and efficiency.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$796,000	Plans and Engineering	\$796,000	\$796,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$178,000	Land	\$178,000	\$178,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,044,000	Construction	\$2,702,000	\$3,044,000	(\$342,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$255,000	Overhead	\$237,000	\$255,000	(\$18,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$4,273,000	<b>Total</b>	\$3,913,000	\$4,273,000	(\$360,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$360,000)	\$0	(\$360,000)	\$0	\$0	\$0	\$0	\$0	\$0



W777600 Gibson Island WTP Upgr

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Ground Storage Tank Performance.
3. Action Required To Complete This Project: Ground Storage Tank Performance.

**Change from Prior Year**

1. Change In Name Or Description: None
2. Change In Total Project Cost: Reduced costs
3. Change In Scope: None
4. Change In Timing: None

**Estimated Operating Budget Impact:** Potential savings/cost avoidance

**Initial Total Project Cost Estimate**

FY 1996 \$790,400

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$2,739,341	\$977,410	\$3,716,751
April 1, 2016	\$3,781,476	\$63,449	\$3,844,924

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$4,273,000	Water Bonds	\$3,913,000	\$4,273,000	(\$360,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$4,273,000	<b>Total</b>	\$3,913,000	\$4,273,000	(\$360,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$360,000)	\$0	(\$360,000)	\$0	\$0	\$0	\$0	\$0	\$0

W778400 TM Odenton to GB High P Zone

Class: Water

FY2017 Council Approved

**Description**

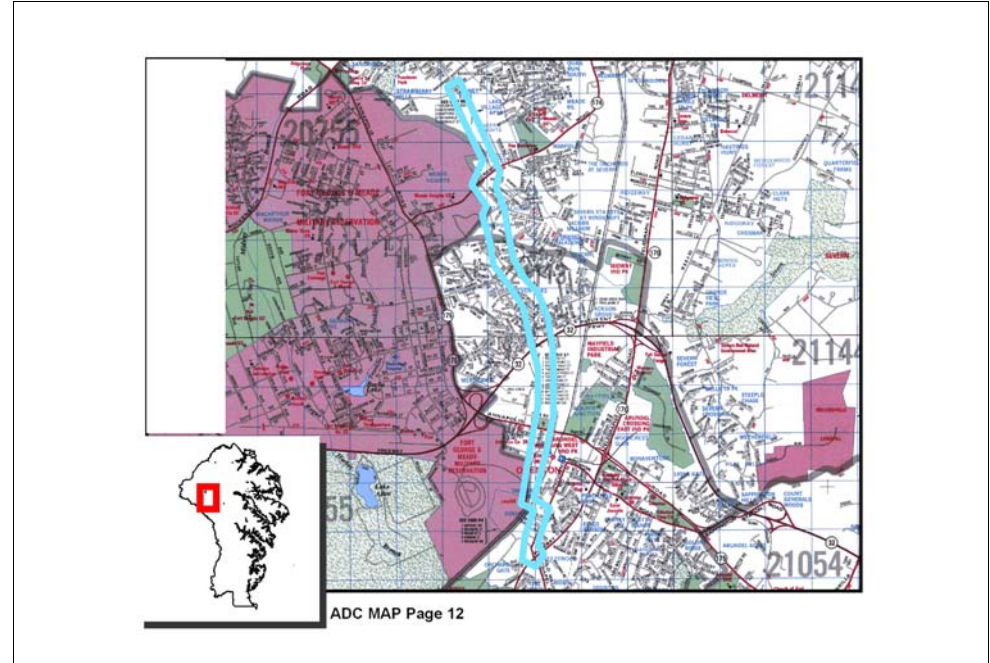
This is to design and construct 32,000 feet of 36" Transmission Main from the intersection of Waugh Chapel Road and Chapelgate Road to Disney Road.

**Benefit**

The water main is a portion of the facilities required to provide water service to Jessup/Maryland City Service Area as provided for in the County Water Strategic Plan.

**Amendment History**

Removed \$2,891,000 via AMD #2 to Bill 23-14. County Council removed \$650k via AMD #45 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$1,039,000	Plans and Engineering	\$1,039,000	\$1,039,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$726,000	Land	\$726,000	\$726,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$21,387,000	Construction	\$19,681,000	\$21,387,000	(\$1,706,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$591,000	Overhead	\$490,000	\$591,000	(\$101,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$23,743,000	<b>Total</b>	\$21,936,000	\$23,743,000	(\$1,807,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$1,807,000)	\$0	(\$1,807,000)	\$0	\$0	\$0	\$0	\$0	\$0

W778400 TM Odenton to GB High P Zone

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Design of Cathodic Protection
3. Action Required To Complete This Project: Construction and Performance of Cathodic Protection.

**Change from Prior Year**

1. Change In Name Or Description: None
2. Change In Total Project Cost: Reduced costs
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 1996 \$1,336,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2015</b>	\$21,213,978	\$463,088	\$21,677,066
<b>April 1, 2016</b>	\$21,358,785	\$177,274	\$21,536,059

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$23,743,000	Water Bonds	\$21,936,000	\$23,743,000	(\$1,807,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$23,743,000	<b>Total</b>	\$21,936,000	\$23,743,000	(\$1,807,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$1,807,000)	\$0	(\$1,807,000)	\$0	\$0	\$0	\$0	\$0	\$0

W778600 Crofton Meadows II WTP Upgr

Class: Water

FY2017

Council Approved

**Description**

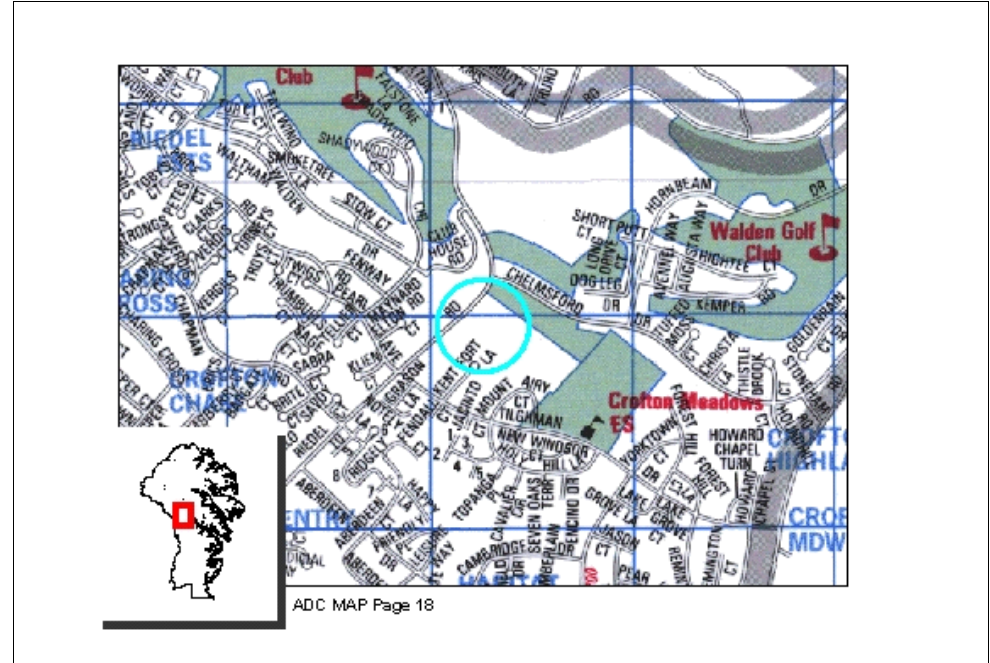
Funds are programmed to increase the capacity of the Crofton Meadows II WTP from 5 to 15 mgd by adding additional sedimentation basins, filters, and raw water wells.

The construction of this project is funded over two years.

**Benefit**

To meet future demand in Ft. Meade East Water Service Area.

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$4,627,000	Plans and Engineering	\$4,627,000	\$4,627,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$662,000	Land	\$662,000	\$662,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$33,302,000	Construction	\$33,302,000	\$31,442,000	\$1,860,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,606,000	Overhead	\$2,606,000	\$2,466,000	\$140,000	\$0	\$0	\$0	\$0	\$0	\$0
\$41,197,000	<b>Total</b>	\$41,197,000	\$39,197,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W778600 Crofton Meadows II WTP Upgr

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Design of Raw Water TM and Production Wells CM12 and CM13.
3. Action Required To Complete This Project: Construction and Performance of Raw Water TM and Production Wells 12 and 13.

**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:** Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 1996 \$6,670,200

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2015</b>	\$24,651,465	\$43,155	\$24,694,620
<b>April 1, 2016</b>	\$24,667,793	\$30,760	\$24,698,553

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$41,197,000	Water Bonds	\$41,197,000	\$39,197,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0
\$41,197,000	<b>Total</b>	\$41,197,000	\$39,197,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W778800 Water Strategic Plan

Class: Water

FY2017

Council Approved

**Description**

This is to fund the update of the Comprehensive Strategic Water Plan, the Master Plan and to Fund the County's Interest in Well Head Protection. Funding through this project will also be used for the development of water strategic plans for the orderly programming and construction planning of water facilities.

**Benefit**

Orderly programming for construction of water facilities and compliance with Federal and State requirements.

**Amendment History**

County Council removed \$50k via AMD #87 to Bill 29-15.

Location

Countywide

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$1,850,000	Plans and Engineering	\$1,850,000	\$1,620,000	\$0	\$46	\$46	\$46	\$46	\$46	
\$110,000	Overhead	\$110,000	\$90,000	\$0	\$4	\$4	\$4	\$4	\$4	
\$1,960,000	<b>Total</b>	\$1,960,000	\$1,710,000	\$0	\$50	\$50	\$50	\$50	\$50	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	(\$50,000)	\$0	\$0	\$0	\$0	\$50	Multi-Yr

W778800 Water Strategic Plan

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Completed Comprehensive Water Strategic Plan Update
3. Action Required To Complete This Project: Complete Ground Water Availability Analysis; Continue Other Planning Area Strategic Plan Analysis.

**Change from Prior Year**

1. Change In Name Or Description: None
2. Change In Total Project Cost: No FY17 funding requested based on available fund balance; Added FY22 Funding
3. Change In Scope: None
4. Change in Timing: Multi Year

Estimated Operating Budget Impact: None

**Initial Total Project Cost Estimate**

FY 1996 \$260,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$1,279,937	\$38,788	\$1,318,725
April 1, 2016	\$1,315,214	\$5,014	\$1,320,228

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$1,960,000	Water PayGo	\$1,600,000	\$1,350,000	\$0	\$50	\$50	\$50	\$50	\$50	
	Conv. PayGo Enterpris	\$360,000	\$360,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$1,960,000	<b>Total</b>	\$1,960,000	\$1,710,000	\$0	\$50	\$50	\$50	\$50	\$50	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	(\$50,000)	\$0	\$0	\$0	\$0	\$50	Multi-Yr

**W787800 Fire Hydrant Rehab**

**Class: Water**

**FY2017 Council Approved**

**Description**

This project is to remove lead paint and repaint fire hydrants. This project is a multi year, on going project for coating maintenance on an approximate 15 year life cycle.

Location

**Countywide**

**Benefit**

Improved efficiency of operation.

**Amendment History**

Prior approval has been adjusted to show the closing of jobs on this project. County Council added \$140k via AMD #189 and added \$140k/year for Fys 17-21 via AMD #200 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
	Plans and Engineering	(\$71,713)	(\$71,713)	\$0	\$0	\$0	\$0	\$0	\$0	
\$4,517,518	Construction	\$4,815,133	\$2,835,133	\$330,000	\$330	\$330	\$330	\$330	\$330	
\$280,906	Overhead	\$283,253	\$163,253	\$20,000	\$20	\$20	\$20	\$20	\$20	
\$4,798,424	<b>Total</b>	\$5,026,674	\$2,926,674	\$350,000	\$350	\$350	\$350	\$350	\$350	
<b>More (Less) Than Prior Year Program:</b>		\$228,250	(\$121,750)	\$0	\$0	\$0	\$0	\$0	\$350	Multi-Yr



**W787800 Fire Hydrant Rehab**

**Class: Water**

**FY2017 Council Approved**

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Design and Construction of Phase 25.
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 FY22 funding.
3. Change In Scope: None
4. Change In Timing: None

**Estimated Operating Budget Impact: None**

**Initial Total Project Cost Estimate**

FY 1998          \$1,400,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2015</b>	\$1,568,948	\$485,315	\$2,054,264
<b>April 1, 2016</b>	\$1,566,409	\$765,232	\$2,331,640

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2017</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	
\$840,000	Water Bonds	\$140,000	\$140,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$3,958,424	Water PayGo	\$4,886,674	\$2,786,674	\$350,000	\$350	\$350	\$350	\$350	\$350	
\$4,798,424	<b>Total</b>	\$5,026,674	\$2,926,674	\$350,000	\$350	\$350	\$350	\$350	\$350	
<b>More (Less) Than Prior Year Program:</b>		\$228,250	(\$121,750)	\$0	\$0	\$0	\$0	\$0	\$350	Multi-Yr

W793400 Disney Road Booster Station

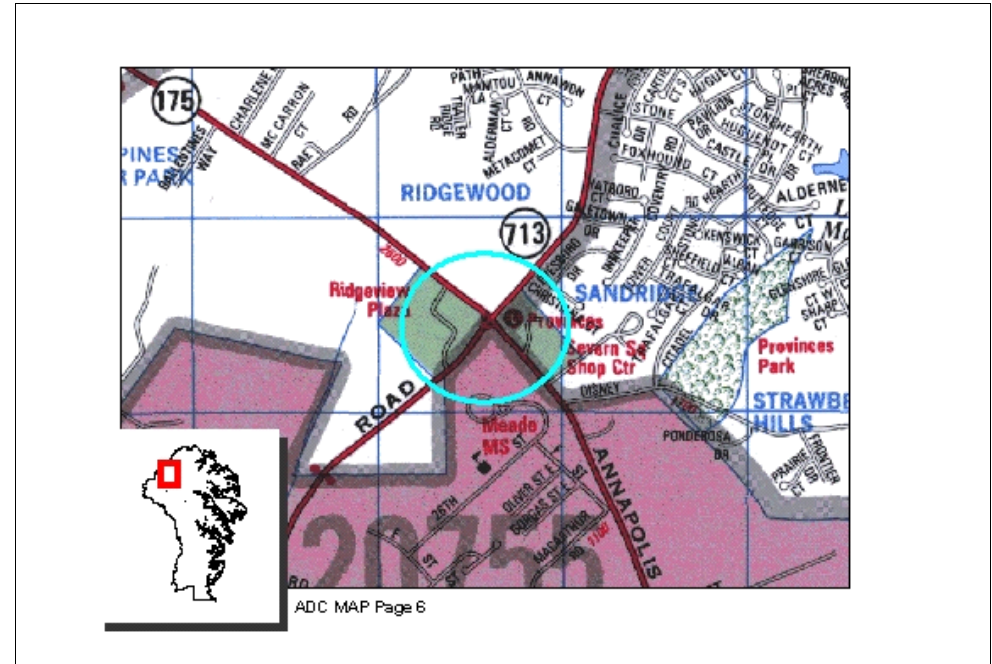
Class: Water

FY2017

Council Approved

**Description**

This project is to provide assistance to construct a 7,000 gpm Booster Station on Disney Road, near Disney Estates. Originally this station was proposed on the lands of Fort George G. Meade near the intersection of MD 175, Rockenbach and Disney Roads.



**Benefit**

The booster station is a portion of the facilities required to provide water service to the Jessup/Maryland City Service Area as provided for in the County Water Strategic Plan.

**Amendment History**

County Council removed \$580k via AMD #46 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$479,000	Plans and Engineering	\$555,000	\$479,000	\$76,000	\$0	\$0	\$0	\$0	\$0	\$0
\$53,000	Land	\$0	\$53,000	(\$53,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$4,870,000	Construction	\$3,980,000	\$4,870,000	(\$890,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$365,000	Overhead	\$296,000	\$365,000	(\$69,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$5,767,000	<b>Total</b>	\$4,831,000	\$5,767,000	(\$936,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$936,000)	\$0	(\$936,000)	\$0	\$0	\$0	\$0	\$0	\$0

W793400 Disney Road Booster Station

Class: Water

FY2017 Council Approved

**Project Status**

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

**Change from Prior Year**

1. Change In Name Or Description: None
2. Change In Total Project Cost: Decreased based on actual costs.
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 \$1,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$4,146,811	\$293,909	\$4,440,721
April 1, 2016	\$4,611,233	\$36,661	\$4,647,893

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$5,767,000	Water Bonds	\$4,831,000	\$5,767,000	(\$936,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$5,767,000	<b>Total</b>	\$4,831,000	\$5,767,000	(\$936,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$936,000)	\$0	(\$936,000)	\$0	\$0	\$0	\$0	\$0	\$0

W799400 Severndale WTP Upgrade PH III

Class: Water

FY2017

Council Approved

**Description**

Replacement of the existing Chemical Feed Systems at the Severndale Water Treatment Plant.

Project description amended in FY07 to include the upgrading of the existing lime system and the construction of caustic and sodium hypochlorite feed systems to replace the existing gaseous chlorine feed system.

Project description amended in FY14 to include Process Control System.

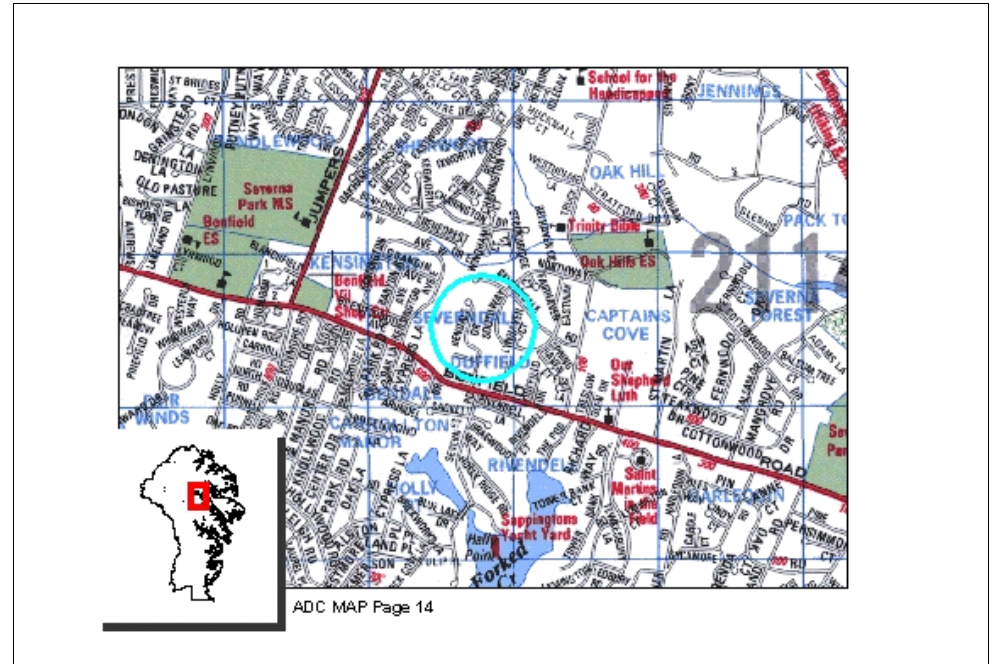
Project description amended in FY16 to include Water Treatment Plant Filter Rehabilitation and Severndale Water Booster Pump Station Process Control System.

**Benefit**

Improved water quality, system reliability and public safety.

**Amendment History**

County Council removed \$85k via AMD #78 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$715,000	Plans and Engineering	\$774,000	\$715,000	\$59,000	\$0	\$0	\$0	\$0	\$0	\$0
\$5,000	Land	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,992,000	Construction	\$5,494,000	\$4,992,000	\$502,000	\$0	\$0	\$0	\$0	\$0	\$0
\$293,000	Overhead	\$372,000	\$293,000	\$79,000	\$0	\$0	\$0	\$0	\$0	\$0
\$6,005,000	<b>Total</b>	\$6,645,000	\$6,005,000	\$640,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$640,000	\$0	\$640,000	\$0	\$0	\$0	\$0	\$0	\$0

W799400 Severndale WTP Upgrade PH III

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current FY: Construction of Process Control.
3. Action Required To Complete This Project: Construction and Performance of Process Control Upgrade.

**Change from Prior Year**

1. Change In Name Or Description: None
2. Change In Total Project Cost: Increase Based on Current Estimate
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 2003            \$300,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2015</b>	\$2,699,590	\$219,985	\$2,919,575
<b>April 1, 2016</b>	\$2,793,055	\$145,710	\$2,938,765

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$6,005,000	Water Bonds	\$6,645,000	\$6,005,000	\$640,000	\$0	\$0	\$0	\$0	\$0	\$0
\$6,005,000	<b>Total</b>	\$6,645,000	\$6,005,000	\$640,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$640,000	\$0	\$640,000	\$0	\$0	\$0	\$0	\$0	\$0

**W799600 Elevated Water Storage**

**Class: Water**

**FY2017 Council Approved**

**Description**

Construction of Elevated Water Storage Tanks in accordance with the Water Strategic Plan.

Current Program includes new Elevated Tanks in the Broad Creek, Heritage Harbor, Broadneck, Glen Burnie Low, Crofton, and Maryland City zones.

Location

Countywide

**Benefit**

To meet domestic and fire flow demands.

**Amendment History**

Prior approval has been adjusted to show the closing of jobs on this project. Removed \$17,000,000 via AMD #76 to Bill 23-14. County Council removed \$1,440,000 via AMD #47 to Bill 29-15. County Council removed \$13,861,000 via AMD #77 to Bill 29-15. County Council removed \$160k in FY17 and \$170k in FY18 via AMD #114 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$4,225,880	Plans and Engineering	\$4,087,880	\$3,524,880	\$0	\$0	\$340	\$223	\$0	\$0	
\$3,587,000	Land	\$5,087,000	\$3,587,000	\$0	\$0	\$0	\$1,500	\$0	\$0	
\$55,905,242	Construction	\$74,700,242	\$39,865,242	\$4,816,000	\$11,019	\$0	\$0	\$0	\$0	
\$3,314,705	Overhead	\$4,552,705	\$2,472,705	\$337,000	\$681	\$25	\$87	\$0	\$0	
\$67,032,827	<b>Total</b>	\$88,427,827	\$49,449,827	\$5,153,000	\$11,700	\$365	\$1,810	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$21,395,000	\$0	(\$3,442,000)	\$2,712	\$365	\$1,810	\$0	\$0	Multi-Yr

W799600 Elevated Water Storage

Class: Water

FY2017 Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current FY: Design of Maryland City, Broad Creek, Glen Burnie High, and Heritage Harbor Pressure Zone Tanks and associated water mains; construction of Odenton and Broad Creek Pressure Zone Tanks.
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: Increased total cost based on latest cost estimate. Decreased FY17 request, and spread remaining costs over program years and beyond program.
3. Change In Scope: None
4. Change In Timing: Multi-Year

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

**Initial Total Project Cost Estimate**

FY 2003 \$3,080,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$18,473,193	\$9,266,946	\$27,740,139
April 1, 2016	\$21,680,449	\$10,607,983	\$32,288,431

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$67,032,827	Water Bonds	\$87,027,827	\$49,449,827	\$3,753,000	\$11,700	\$365	\$1,810	\$0	\$0	
	Bond Premium	\$1,400,000	\$0	\$1,400,000	\$0	\$0	\$0	\$0	\$0	
\$67,032,827	<b>Total</b>	\$88,427,827	\$49,449,827	\$5,153,000	\$11,700	\$365	\$1,810	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$21,395,000	\$0	(\$3,442,000)	\$2,712	\$365	\$1,810	\$0	\$0	Multi-Yr

**W800300 Balto City Water Main Rpr**

**Class: Water**

**FY2017 Council Approved**

**Description**

Funds are requested for engineering and construction monies for the repair of the 72 inch transmission main paralleling the Key Bridge. This is one of two water supply feeds from Baltimore City.

Additional funds are also requested for the County's share of the Hillen/Ashburton 64 inch bypass line. Anne Arundel County share is 13% per a January 30, 1980 interjurisdictional agreement.

Additional funds requested in FY07 for the County's share of the investigation and repair/replacement of the 54" transmission Main and 36" transmission Mains supplying the Nursery Road Booster Pumping Station.

Portions of this project will be under taken as a joint venture with Baltimore City and Baltimore County.

**Benefit**

The transmission main is a major water supply source supplying up to 9 MGD. Lack of water supply has resulted in water use restrictions this past year in the northern part of the County.

**Amendment History**

County Council added \$5,374,000 in FY07 Utility Bonds via amendment #60 to Bill 35-06.

Location

**Countywide**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$1,159,000	Plans and Engineering	\$1,089,000	\$1,159,000	(\$70,000)	\$0	\$0	\$0	\$0	\$0	
\$96,000	Land	\$96,000	\$96,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$7,854,000	Construction	\$7,459,000	\$7,854,000	(\$395,000)	\$0	\$0	\$0	\$0	\$0	
\$410,000	Overhead	\$375,000	\$410,000	(\$35,000)	\$0	\$0	\$0	\$0	\$0	
\$2,751,000	Other	\$2,751,000	\$2,751,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$12,270,000	<b>Total</b>	\$11,770,000	\$12,270,000	(\$500,000)	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		(\$500,000)	\$0	(\$500,000)	\$0	\$0	\$0	\$0	\$0	Multi-Yr



W800300 Balto City Water Main Rpr

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Negotiated Portional Share of Dundalk 72 Inch Main Repair
3. Action Required To Complete This Project: Resolve Final Inter-Jursdictional Cost Sharing Responsibilities

**Change from Prior Year**

1. Change In Narme Or Description: None
2. Change In Total Project Cost: Reduced cost based on current estimate.
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: None

**Initial Total Project Cost Estimate**

FY 2004 \$2,520,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$6,492,474	\$84,530	\$6,577,004
April 1, 2016	\$6,492,474	\$17,184	\$6,509,658

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$12,270,000	Water Bonds	\$11,770,000	\$12,270,000	(\$500,000)	\$0	\$0	\$0	\$0	\$0	
\$12,270,000	<b>Total</b>	\$11,770,000	\$12,270,000	(\$500,000)	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		(\$500,000)	\$0	(\$500,000)	\$0	\$0	\$0	\$0	\$0	Multi-Yr

W801000 350 Zone Improvements

Class: Water

FY2017 Council Approved

Description

This project involves the design, right of way acquisition and construction of various watermain improvements within the 350 Pressure Zone. The various watermains will improve system reliability. The project consists of:

3,600 linear feet of 12-inch main from the existing main on Disney Road to Citadel Road.

5,000 linear feet of 30-inch main along Disney Road from the proposed Disney Road BPS to MD 175.

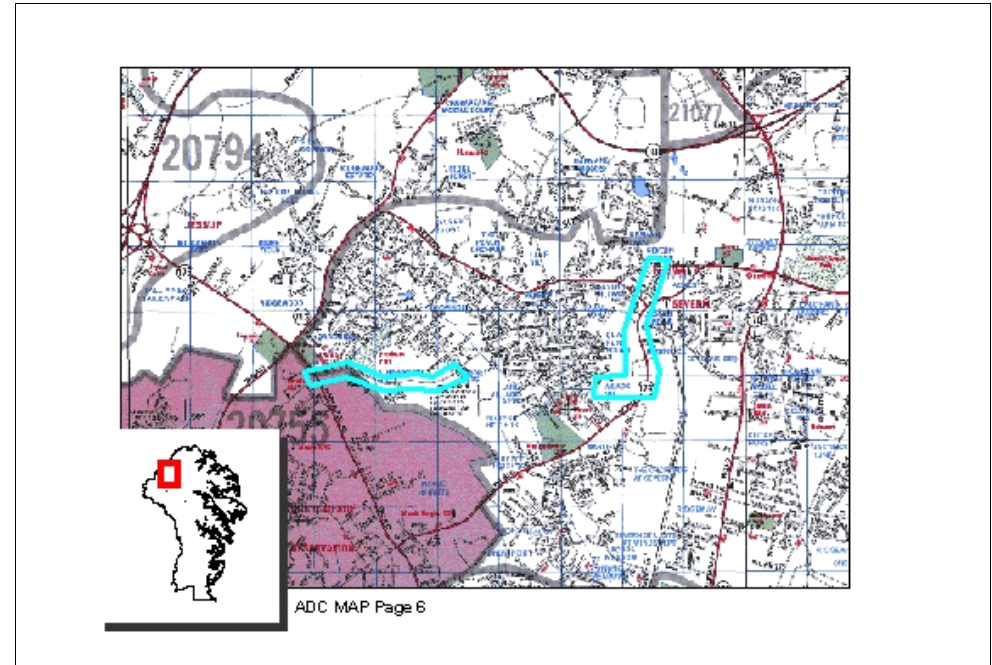
Installation of booster pumps at the Telegraph Road Self Contained Well.

Benefit

Project will enhance system reliability and provide improved water transfer between pressure zones.

Amendment History

County Council removed \$214k via AMD #48 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$481,000	Plans and Engineering	\$396,000	\$481,000	(\$85,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$10,000	Land	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,943,000	Construction	\$3,943,000	\$3,943,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$373,000	Overhead	\$368,000	\$373,000	(\$5,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$4,807,000	<b>Total</b>	\$4,717,000	\$4,807,000	(\$90,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$90,000)	\$0	(\$90,000)	\$0	\$0	\$0	\$0	\$0	\$0

W801000 350 Zone Improvements

Class: Water

FY2017 Council Approved

**Project Status**

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

**Change from Prior Year**

1. Change In Name Or Description: None
2. Change In Total Project Cost: Deappropriation of remaining funds.
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 2010 \$3,061,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2015</b>	\$4,700,808	\$20,828	\$4,721,636
<b>April 1, 2016</b>	\$4,701,016	\$6,957	\$4,707,973

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$4,807,000	Water Bonds	\$4,717,000	\$4,807,000	(\$90,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$4,807,000	<b>Total</b>	\$4,717,000	\$4,807,000	(\$90,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$90,000)	\$0	(\$90,000)	\$0	\$0	\$0	\$0	\$0	\$0

W801300 16" Reidel to Rte 3

Class: Water

FY2017 Council Approved

**Description**

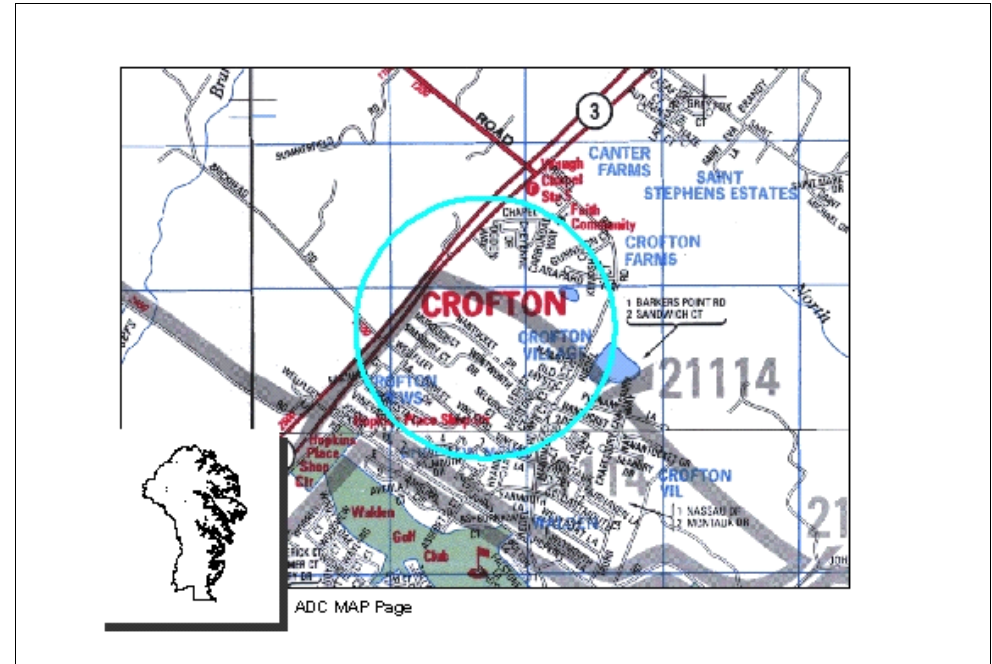
This project is for the design, right of way acquisition and construction of approximately 3,300 linear feet of 16-inch watermain within the 290 Crofton Service Area. The main will connect the existing 16-inch main in Riedel Road to the existing 16-inch main in MD Route 3. The project will increase water supply to the service area in conjunction with the Crofton Zone EWT.

**Benefit**

Project will function as a supply line to the proposed Crofton Zone EWT. Collectively these projects will provide sufficient water for the adjacent service area.

**Amendment History**

County Council removed \$543k in pay-go via AMD #150 and replaced it with bond premium via AMD #135 to Bill 29-15. CC switched \$559,000 of Bonds for PayGo via AMD #52 and #53 to Bill 31-16.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$345,000	Plans and Engineering	\$321,000	\$345,000	(\$24,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,000	Land	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,418,100	Construction	\$2,853,100	\$2,418,100	\$435,000	\$0	\$0	\$0	\$0	\$0	\$0
\$193,000	Overhead	\$191,000	\$193,000	(\$2,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,957,100	<b>Total</b>	\$3,366,100	\$2,957,100	\$409,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$409,000	\$0	\$409,000	\$0	\$0	\$0	\$0	\$0	\$0

W801300 16" Reidel to Rte 3

Class: Water

FY2017 Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction
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: Increased Based on Actual Costs
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 2010 \$1,430,100

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2015</b>	\$291,475	\$274,580	\$566,055
<b>April 1, 2016</b>	\$323,161	\$2,381,349	\$2,704,510

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$1,855,100	Water Bonds	\$3,223,100	\$1,855,100	\$1,368,000	\$0	\$0	\$0	\$0	\$0	\$0
\$559,000	Water PayGo	\$0	\$559,000	(\$559,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$543,000	Bond Premium	\$143,000	\$543,000	(\$400,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,957,100	<b>Total</b>	\$3,366,100	\$2,957,100	\$409,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$409,000	\$0	\$409,000	\$0	\$0	\$0	\$0	\$0	\$0

W801400 Crofton Meadows II Exp Ph 2

Class: Water

FY2017 Council Approved

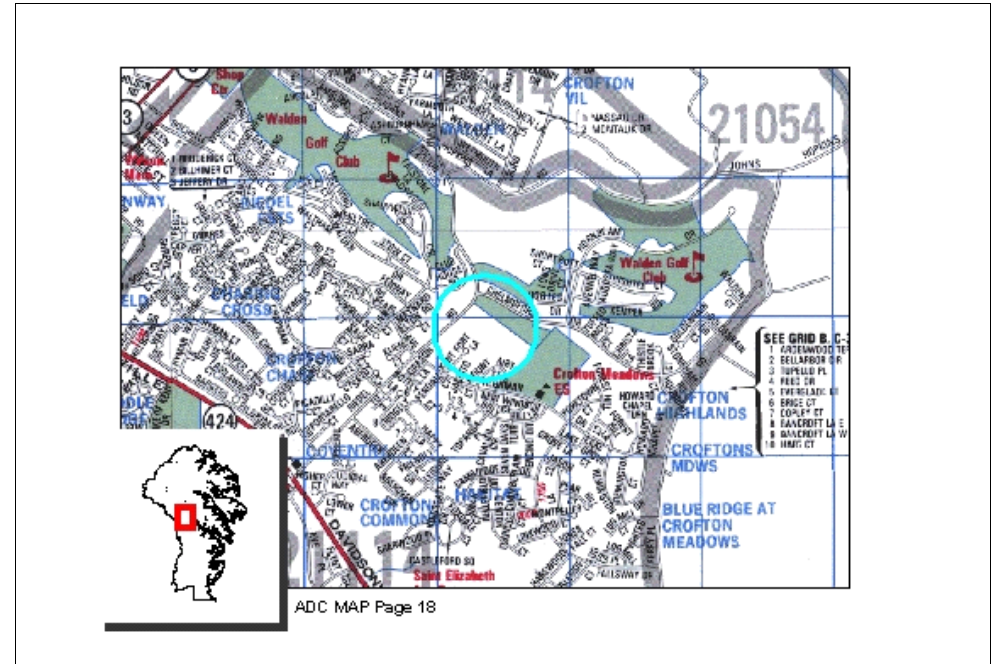
**Description**

This project will provide funding to increase the capacity of the Crofton Meadows II WTP from 15 to 20 MGD by adding additional sedimentation basins, filters and raw water wells. Well field will be increased from 15 to 21.5 MGD.

**Benefit**

Project will provide increased treatment plant capacity thus increasing water system reliability and reducing reliance on Baltimore City's water supply.

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)						Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022		
\$4,598,000	Plans and Engineering	\$4,598,000	\$4,598,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$382,000	Land	\$382,000	\$382,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$31,600,000	Construction	\$15,800,000	\$0	\$0	\$15,800	\$0	\$0	\$0	\$0	\$0	\$0
\$1,552,000	Overhead	\$920,000	\$288,000	\$0	\$632	\$0	\$0	\$0	\$0	\$0	\$0
\$38,132,000	<b>Total</b>	\$21,700,000	\$5,268,000	\$0	\$16,432	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$16,432,000)	\$0	\$0	\$0	(\$16,432)	\$0	\$0	\$0	\$0	\$0

W801400 Crofton Meadows II Exp Ph 2

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Water Transmission Main Design, Production Wells 12 & 13 Design, Well Siting Studies
3. Action Required To Complete This Project: Design, Right Of Way Acquisition, Construction and Performance.

**Change from Prior Year**

1. Change In Name Or Description: Phase 2 expansion reduced to 20 MGD (previously 25 MGD). Removed reference to two-year construction funding from FY13 and FY14.
2. Change In Total Project Cost: None
3. Change In Scope: None
4. Change In Timing: Schedule based on current demands

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

**Initial Total Project Cost Estimate**

FY 2010 \$37,942,000

**Financial Activity**

Expended	Encumbered	Total	
April 1, 2015	\$3,932	\$0	\$3,932
April 1, 2016	\$5,306	\$0	\$5,306

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$38,132,000	Water Bonds	\$21,700,000	\$5,268,000	\$0	\$16,432	\$0	\$0	\$0	\$0	\$0
\$38,132,000	<b>Total</b>	\$21,700,000	\$5,268,000	\$0	\$16,432	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$16,432,000)	\$0	\$0	\$0	(\$16,432)	\$0	\$0	\$0	\$0

W801600 TM-MD Rte 32 @ Meade

Class: Water

FY2017 Council Approved

**Description**

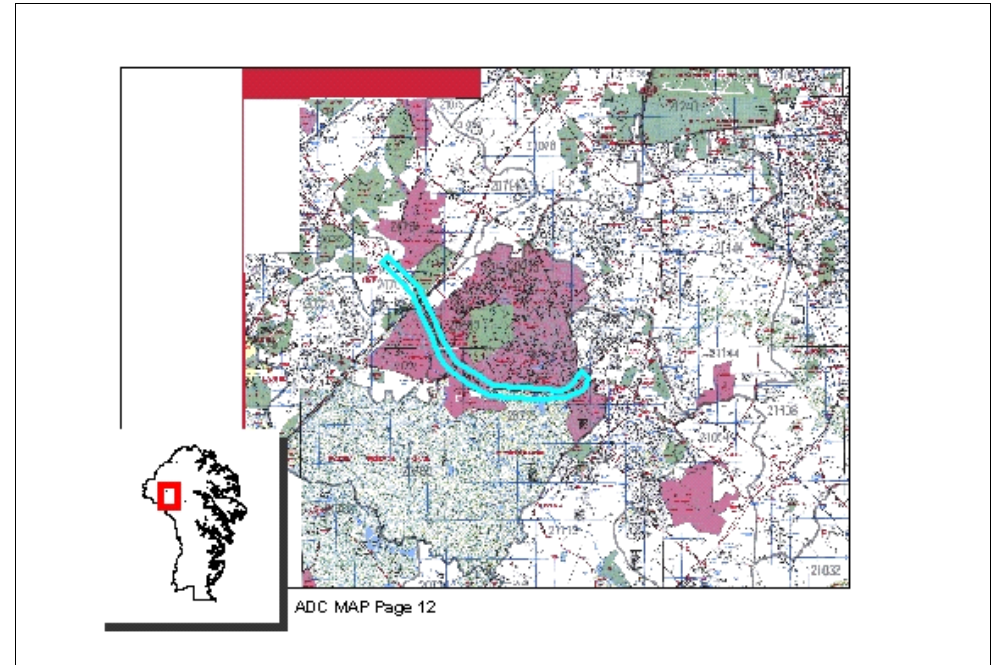
This project provides for the design, right of way acquisition, and construction of approximately 28,000 linear feet of 24-inch water transmission main. Phase I includes approximately 16,200 linear feet of pipeline and extends from the intersection of Brockbridge Road and Guilford Road, along Guilford Road and MD Rte 32 to the intersection of Mapes Road and MD Rte 32. Phase II includes approximately 11,800 linear feet of 24-inch main and extends from Mapes Road, continues along MD Route 32 to the proposed 36-inch transmission main being constructed under Project W-7784.

**Benefit**

Project will improve reliability by providing a looped transmission main. Project will allow flow from the 400 Zone to the 330 Zone and will ultimately be a water source for a future booster pumping station pumping from the 330 Zone and discharging to the 369 Zone and 400 Zone. Project will assist in reducing reliance on the Baltimore City water system.

**Amendment History**

County Council removed \$55k via AMD #115 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$1,457,000	Plans and Engineering	\$1,457,000	\$1,457,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$79,000	Land	\$79,000	\$79,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$12,223,000	Construction	\$12,223,000	\$6,606,000	\$0	\$5,617	\$0	\$0	\$0	\$0	\$0
\$689,800	Overhead	\$689,800	\$407,800	\$0	\$282	\$0	\$0	\$0	\$0	\$0
\$14,448,800	<b>Total</b>	\$14,448,800	\$8,549,800	\$0	\$5,899	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	(\$5,899,000)	\$5,899	\$0	\$0	\$0	\$0	\$0



W801600 TM-MD Rte 32 @ Meade

Class: Water

FY2017 Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Design
3. Action Required To Complete This Project: Complete Design, Right Of Way Acquisition, 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: Construction funding deferred to FY18 due to right-of-way considerations.

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

**Initial Total Project Cost Estimate**

FY 2010 \$14,166,800

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$231,522	\$648,172	\$879,694
April 1, 2016	\$510,843	\$384,982	\$895,825

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$14,448,800	Water Bonds	\$14,448,800	\$8,549,800	\$0	\$5,899	\$0	\$0	\$0	\$0	\$0
\$14,448,800	<b>Total</b>	\$14,448,800	\$8,549,800	\$0	\$5,899	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	(\$5,899,000)	\$5,899	\$0	\$0	\$0	\$0	\$0

W803300 WTR Infrastr Up/Retro

Class: Water

FY2017 Council Approved

**Description**

Funds are requested for design and construction to upgrade various water system infrastructure, including structures and equipment to meet current control and operational standards.

Location

Countywide

**Benefit**

This project will better ensure the proper operation and maintenance of water infrastructure facilities to allow upgrades, rehabilitation or replacement of various components to improve reliability and performance.

**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 FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$1,302,104	Plans and Engineering	\$1,401,580	\$751,580	\$150,000	\$100	\$100	\$100	\$100	\$100	
\$4,611,162	Construction	\$5,029,621	\$2,399,621	\$780,000	\$370	\$370	\$370	\$370	\$370	
\$380,199	Overhead	\$423,934	\$203,934	\$70,000	\$30	\$30	\$30	\$30	\$30	
	Other	(\$11,262)	(\$11,262)	\$0	\$0	\$0	\$0	\$0	\$0	
\$6,293,465	<b>Total</b>	\$6,843,873	\$3,343,873	\$1,000,000	\$500	\$500	\$500	\$500	\$500	
<b>More (Less) Than Prior Year Program:</b>		\$550,409	(\$449,591)	\$500,000	\$0	\$0	\$0	\$0	\$500	Multi-Yr

W803300 WTR Infrastr Up/Retro

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current FY: Installed Ft Smallwood water transmission main interconnect; Constructed upgraded Central Water Facility and Crofton Meadows II HVAC systems; Maintenance Coated Crofton Meadows II Mechanical Equipment, Replaced Millersville Bldg B Roof, Dorsey WTP Filter Bldg and Chemical Bldg Roof; Replaced Electric Feeders to Broadcreek Water Production Wells 1, 3, & 5.
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: Requesting \$1,000,000 for FY17 based on pending construction and added FY22 Funding.
3. Change in Scope: None
4. Change in Timing: Multi-Year

Estimated Operating Budget Impact: Indeterminate

**Initial Total Project Cost Estimate**

FY 2010 \$4,500,000

**Financial Activity**

Expended	Encumbered	Total	
April 1, 2015	\$2,134,405	\$836,579	\$2,970,984
April 1, 2016	\$2,424,325	\$469,423	\$2,893,748

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$1,417,464	Water Bonds	\$4,417,464	\$917,464	\$1,000,000	\$500	\$500	\$500	\$500	\$500	
\$4,176,001	Water PayGo	\$1,726,410	\$1,726,410	\$0	\$0	\$0	\$0	\$0	\$0	
\$700,000	Bond Premium	\$700,000	\$700,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$6,293,465	<b>Total</b>	\$6,843,873	\$3,343,873	\$1,000,000	\$500	\$500	\$500	\$500	\$500	
<b>More (Less) Than Prior Year Program:</b>		\$550,409	(\$449,591)	\$500,000	\$0	\$0	\$0	\$0	\$500	Multi-Yr

W803600 East/West TM - North

Class: Water

FY2017 Council Approved

**Description**

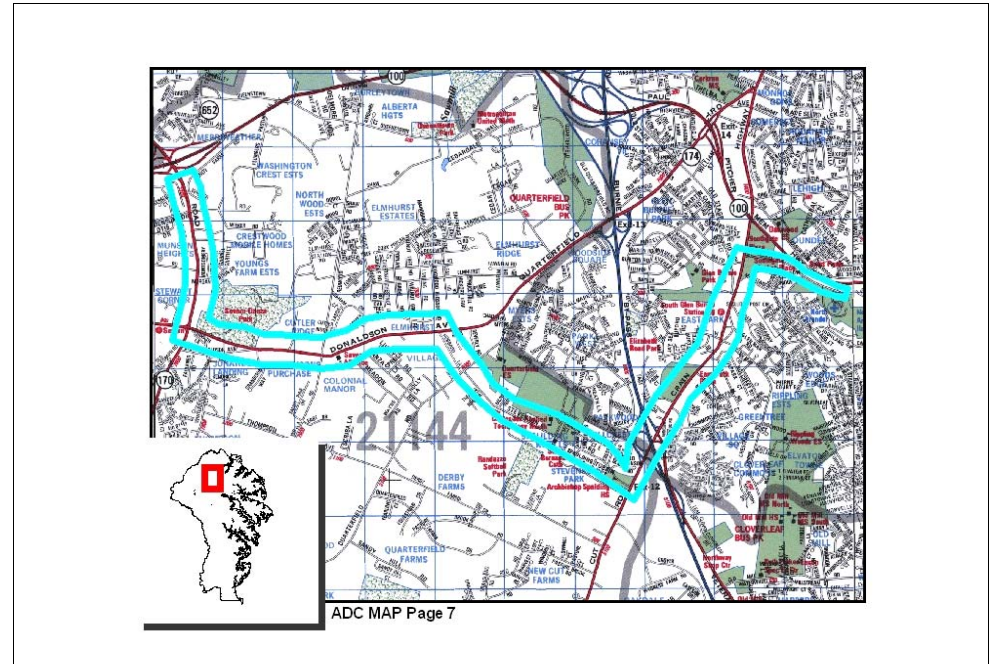
Funds are requested for the design, right of way acquisition and construction of a water transmission main that will transfer water in an easterly-westernly direction in the northern part of Anne Arundel County. Generally, the transmission network will provide improved distribution system conveyance between the Glen Burnie High and Glen Burnie Low Service Areas, while providing a source of supply for pumpage to higher pressure zones in the western part of the County.

**Benefit**

The project will improve the County's distribution system, allowing conveyance of water between service zones during periods of peak demands. The project when completed will also improve reliability and redundancy.

**Amendment History**

County Council removed \$385k via AMD #49 to Bill 29-15. County Council removed \$310k via AMD #116 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$5,139,000	Plans and Engineering	\$5,139,000	\$5,139,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$420,000	Land	\$420,000	\$420,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$28,406,000	Construction	\$42,956,000	\$12,756,000	\$0	\$0	\$7,550	\$7,550	\$7,550	\$7,550	\$0
\$1,706,000	Overhead	\$2,720,000	\$920,000	\$0	\$0	\$450	\$450	\$450	\$450	\$0
\$35,671,000	<b>Total</b>	\$51,235,000	\$19,235,000	\$0	\$0	\$8,000	\$8,000	\$8,000	\$8,000	\$0
<b>More (Less) Than Prior Year Program:</b>		\$15,564,000	\$0	(\$16,436,000)	\$0	\$8,000	\$8,000	\$8,000	\$8,000	\$0

W803600 East/West TM - North

Class: Water

FY2017 Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Design
3. Action Required To Complete This Project: Complete Design, Right-of-Way Acquisition, Construction, and Performance

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: Cost increased based on current estimates.
3. Change in Scope: None
4. Change in Timing: Deferred FY17 funding due to design considerations.

Estimated Operating Budget Impact: None

**Initial Total Project Cost Estimate**

FY 2010 \$19,593,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$118,544	\$89,465	\$208,010
April 1, 2016	\$134,046	\$362,530	\$496,577

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years	
					FY2018	FY2019	FY2020	FY2021	FY2022		
\$35,671,000	Water Bonds	\$51,235,000	\$19,235,000	\$0	\$0	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$0
\$35,671,000	<b>Total</b>	\$51,235,000	\$19,235,000	\$0	\$0	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$0
<b>More (Less) Than Prior Year Program:</b>		\$15,564,000	\$0	(\$16,436,000)	\$0	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$0

**W803700 Sylvan Shores Water**

**Class: Water**

**FY2017 Council Approved**

**Description**

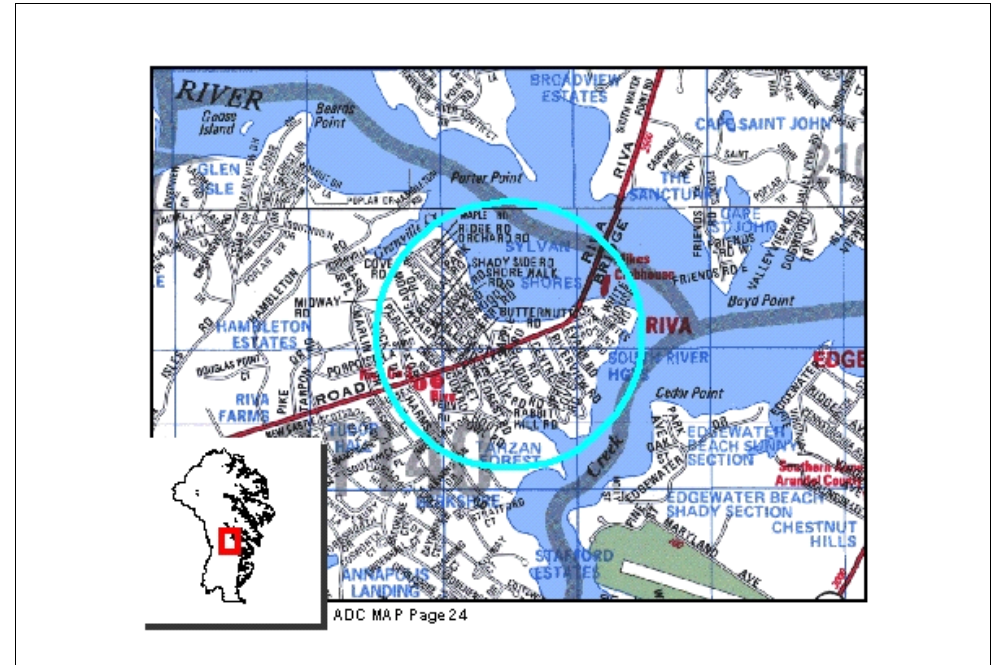
Funds are requested for the design, right of way acquisition and construction of a water distribution system to serve approximately 262 properties within the community of Sylvan Shores. This project is in response to a valid petition for public water service.

**Benefit**

Project will provide public water service to properties currently connected to a deteriorating private water distribution system.

**Amendment History**

Removed proposed de-appropriation of \$5,134,000 via amendment #81 to Bill 28-10.  
 Removed \$1,200,000 via AMD #48 to Bill 46-13. CC removed \$136,000 via AMD #28 to Bill 31-16.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$200,000	Plans and Engineering	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$50,000	Land	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,023,000	Construction	\$3,887,000	\$4,023,000	(\$136,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$327,000	Overhead	\$327,000	\$327,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,600,000	<b>Total</b>	\$4,464,000	\$4,600,000	(\$136,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$136,000)	\$0	(\$136,000)	\$0	\$0	\$0	\$0	\$0	\$0

W803700 Sylvan Shores Water

Class: Water

FY2017

Council Approved

**Project Status**

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

**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: None

**Initial Total Project Cost Estimate**

FY 2010 \$4,574,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$3,767,617	\$412,232	\$4,179,849
April 1, 2016	\$4,127,610	\$153,465	\$4,281,075

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$3,695,000	Water Bonds	\$3,559,000	\$3,695,000	(\$136,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$905,000	Other State Grants	\$905,000	\$905,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,600,000	<b>Total</b>	\$4,464,000	\$4,600,000	(\$136,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$136,000)	\$0	(\$136,000)	\$0	\$0	\$0	\$0	\$0	\$0

**W804000 Broad Creek WTP Exp**

**Class: Water**

**FY2017 Council Approved**

**Description**

Funds are requested for the planning, design, right of way acquisition and construction to expand the Broad Creek WTP capacity to 8 million gallons per day and to provide new raw water supply production wells.

Two year construction funding is programmed over FY10 and FY11 for plant expansion. Two year construction funding is programmed over FY18 and FY19 for original process train upgrade.

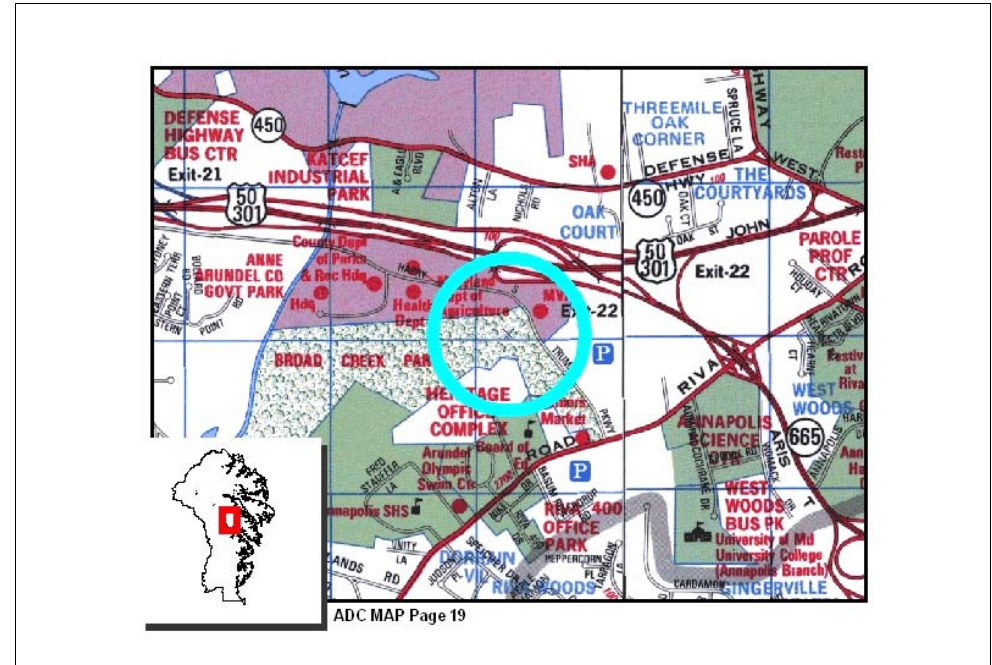
Subsequent to completing construction and commissioning of the Broad Creek WTP expansion described above, this project will fund the design and construction necessary to upgrade the original upflow filter and its associated equipment, the original pumps, motors, valves of the existing clear wells, the chemical handling equipment, the ventilation systems, upgrade the air scour blowers, install equipment enclosures, upgrade the existing pulsator vacuum pumps and all associated piping, and to provide a mechanical maintenance shop to conduct plant maintenance for South water operations. Design and construction funding

**Benefit**

Expansion of treatment capacity to meet future growth and upgrade of the original water treatment processes to maintain treatment plant performance and reliability.

**Amendment History**

County Council removed \$95k via AMD #50 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$1,753,000	Plans and Engineering	\$2,353,000	\$1,753,000	\$0	\$300	\$300	\$0	\$0	\$0	\$0
\$275,000	Land	\$275,000	\$275,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$22,940,000	Construction	\$28,865,000	\$22,940,000	\$945,000	\$2,490	\$2,490	\$0	\$0	\$0	\$0
\$1,376,000	Overhead	\$1,851,000	\$1,376,000	\$55,000	\$210	\$210	\$0	\$0	\$0	\$0
\$26,344,000	<b>Total</b>	\$33,344,000	\$26,344,000	\$1,000,000	\$3,000	\$3,000	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$7,000,000	\$0	\$1,000,000	\$3,000	\$3,000	\$0	\$0	\$0	\$0



W804000 Broad Creek WTP Exp

Class: Water

FY2017 Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Conditional Acceptance of Treatment Plant Expansion; Construction of Production Wells 6,7,8 and Transmission Main. Develop scope of work to upgrade original process train.
3. Action Required To Complete This Project: Design, Construction, and Performance of all contracts

**Change from Prior Year**

1. Change in Name or Description: The description was expanded to include upgrading the original treatment process and associated support equipment and providing a maintenance shop.
2. Change in Total Project Cost: Increase based on current estimates.
3. Change in Scope: Add upgrade of original equipment not replaced as part of the water treatment plant expansion and provide a maintenance shop.
4. Change in Timing: Original treatment process upgrade design and construction planned for FY18 and FY19.

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

**Initial Total Project Cost Estimate**

FY 2009 \$25,839,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$9,782,528	\$592,093	\$10,374,620
April 1, 2016	\$10,371,022	\$438,844	\$10,809,866

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$26,344,000	Water Bonds	\$33,344,000	\$26,344,000	\$1,000,000	\$3,000	\$3,000	\$0	\$0	\$0	\$0
\$26,344,000	<b>Total</b>	\$33,344,000	\$26,344,000	\$1,000,000	\$3,000	\$3,000	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$7,000,000	\$0	\$1,000,000	\$3,000	\$3,000	\$0	\$0	\$0	\$0

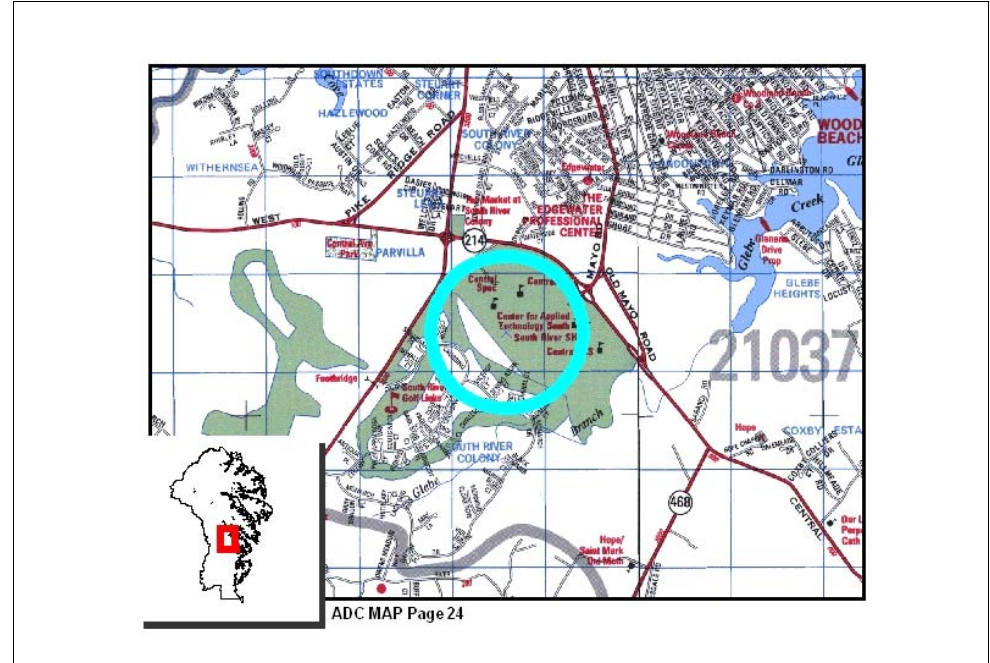
W804200 Withernsea WTP

Class: Water

FY2017 Council Approved

**Description**

Funds are requested for the planning, design, right of way acquisition and construction for a new water treatment plant with a 5.0 million gallon per day capacity. Project includes treatment facility, water production wells, water booster pump station, raw water transmission mains and appurtenances to serve the Broad Creek 210 pressure zone.



**Benefit**

Expanded capacity to meet growth projections and improve operational reliability.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$624,000	Plans and Engineering	\$624,000	\$624,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,566,000	Land	\$232,000	\$1,566,000	(\$1,334,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$102,000	Overhead	\$36,000	\$102,000	(\$66,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,292,000	<b>Total</b>	\$892,000	\$2,292,000	(\$1,400,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$1,400,000)	\$0	(\$1,400,000)	\$0	\$0	\$0	\$0	\$0	\$0

W804200 Withernsea WTP

Class: Water

FY2017 Council Approved

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: Decrease based on latest cost estimate
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 2009 \$60,471,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$313,944	\$26,379	\$340,323
April 1, 2016	\$343,087	\$2,423	\$345,510

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$2,292,000	Water Bonds	\$892,000	\$2,292,000	(\$1,400,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,292,000	<b>Total</b>	\$892,000	\$2,292,000	(\$1,400,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$1,400,000)	\$0	(\$1,400,000)	\$0	\$0	\$0	\$0	\$0	\$0

**W805000 Water Fac Emerg Generators**

**Class: Water**

**FY2017 Council Approved**

**Description**

This multi-year project provides funding for the design and construction of new and replacement generator installations at water treatment plants, water booster pumping stations, water production wells and other water related facilities located throughout the County. Generator installations will include generator, fuel storage, automatic transfer switches, sound attenuation and necessary electrical components/wiring, as well as, associated alterations to address code compliance issues.

Location

**Countywide**

**Benefit**

Generators provide a back up power source for water production and transmission facilities in the event of primary power failures. The supplemental power source will allow the utility to meet domestic and fire water demands in the event of extended power outages.

**Amendment History**

County Council removed \$45k via AMD #80 to Bill 29-15. County Council removed \$45k/year in FYs17-20 via AMD #117 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$2,006,000	Plans and Engineering	\$1,807,000	\$1,210,000	\$0	\$0	\$0	\$199	\$199	\$199	
\$45,000	Land	\$40,000	\$25,000	\$0	\$0	\$0	\$5	\$5	\$5	
\$13,909,000	Construction	\$12,253,000	\$7,285,000	\$0	\$0	\$0	\$1,656	\$1,656	\$1,656	
\$943,000	Overhead	\$848,000	\$563,000	\$0	\$0	\$0	\$95	\$95	\$95	
\$16,903,000	<b>Total</b>	\$14,948,000	\$9,083,000	\$0	\$0	\$0	\$1,955	\$1,955	\$1,955	
<b>More (Less) Than Prior Year Program:</b>		(\$1,955,000)	\$0	(\$1,955,000)	(\$1,955)	(\$1,955)	\$0	\$1,955	\$1,955	Multi-Yr

W805000 Water Fac Emerg Generators

Class: Water

FY2017 Council Approved

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: Deferred program request based on available balance.
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

**Initial Total Project Cost Estimate**

FY 2014 \$9,077,000

**Financial Activity**

Expended	Encumbered	Total	
April 1, 2015	\$168,040	\$110,685	\$278,725
April 1, 2016	\$349,222	\$1,699,390	\$2,048,612

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$13,560,760	Water Bonds	\$13,605,760	\$5,740,760	\$2,000,000	\$0	\$0	\$1,955	\$1,955	\$1,955	
\$1,078,240	Other Fed Grants	\$1,078,240	\$1,078,240	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,264,000	Bond Premium	\$264,000	\$2,264,000	(\$2,000,000)	\$0	\$0	\$0	\$0	\$0	
\$16,903,000	<b>Total</b>	\$14,948,000	\$9,083,000	\$0	\$0	\$0	\$1,955	\$1,955	\$1,955	
<b>More (Less) Than Prior Year Program:</b>		(\$1,955,000)	\$0	(\$1,955,000)	(\$1,955)	(\$1,955)	\$0	\$1,955	\$1,955	Multi-Yr

W805200 Old Mill Bottom WTR

Class: Water

FY2017 Council Approved

**Description**

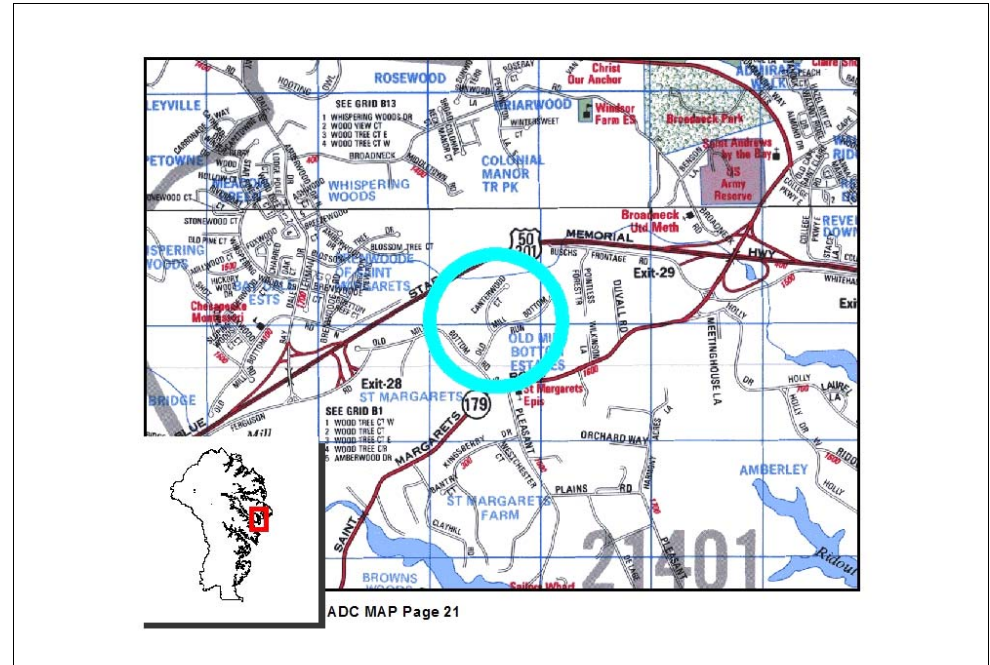
This project is for the design, right-of-way acquisition, and construction of a public water service extension. The project will extend water service to approximately 24 properties located in Old Mill Bottom Estates and is in response to a valid petition for public water service.

**Benefit**

Provide public water service to properties served currently by private on-site wells.

**Amendment History**

County Council removed \$836,000 via AMD #29 to Bill 31-16.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$71,000	Plans and Engineering	\$0	\$71,000	(\$71,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$7,000	Land	\$0	\$7,000	(\$7,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$703,000	Construction	\$0	\$703,000	(\$703,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$55,000	Overhead	\$0	\$55,000	(\$55,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$836,000	<b>Total</b>	\$0	\$836,000	(\$836,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$836,000)	\$0	(\$836,000)	\$0	\$0	\$0	\$0	\$0	\$0

W805200 Old Mill Bottom WTR

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Feasibility study completed.
3. Action Required to Complete This Project: Design, Construction, 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:** Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 2016 \$836,000

**Financial Activity**

Expended	Encumbered	Total
April 1, 2015	\$0	\$0
April 1, 2016	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$836,000	Water Bonds	\$0	\$836,000	(\$836,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$836,000	<b>Total</b>	\$0	\$836,000	(\$836,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$836,000)	\$0	(\$836,000)	\$0	\$0	\$0	\$0	\$0	\$0

W805300 Perch Drive Water Extension

Class: Water

FY2017 Council Approved

Description

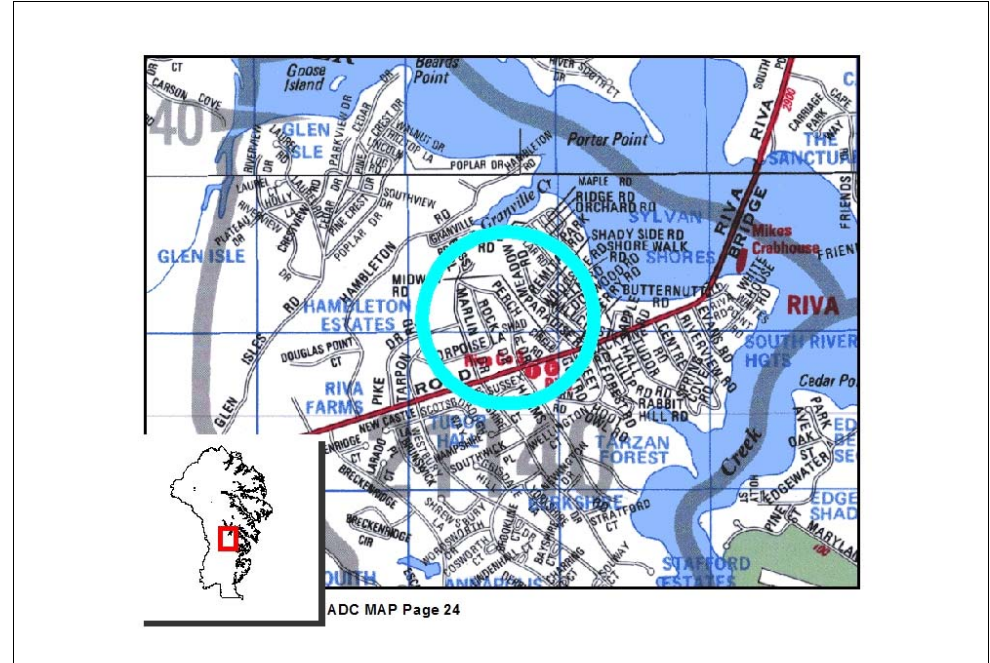
This project provides the design, right-of-way acquisition, and construction of an extension of public water service. The project will extend service to approximately 22 properties and is response to a valid petition for public water service.

Project not supported by petitioners; therefore, project is to be closed.

Benefit

The project will provide public water service to properties served currently by private on-site wells.

Amendment History



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$54,000	Plans and Engineering	\$0	\$54,000	(\$54,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$7,000	Land	\$0	\$7,000	(\$7,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$523,000	Construction	\$0	\$523,000	(\$523,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$41,000	Overhead	\$0	\$41,000	(\$41,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$625,000	<b>Total</b>	\$0	\$625,000	(\$625,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$625,000)	\$0	(\$625,000)	\$0	\$0	\$0	\$0	\$0	\$0



W805300 Perch Drive Water Extension

Class: Water

FY2017 Council Approved

**Project Status**

1. Current Status Of This Project: To be closed
2. Action Taken In Current Fiscal Year: Feasibility study completed
3. Action Required To Complete This Project: Project not supported by petitioners

**Change from Prior Year**

1. Change In Name Or Description: Added reference to lack of support and closure
2. Change In Total Project Cost: Project not supported by petitioners
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 2016 \$625,000

**Financial Activity**

Expended	Encumbered	Total
April 1, 2015	\$0	\$0
April 1, 2016	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$625,000	Water Bonds	\$0	\$625,000	(\$625,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$625,000	<b>Total</b>	\$0	\$625,000	(\$625,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$625,000)	\$0	(\$625,000)	\$0	\$0	\$0	\$0	\$0	\$0

W805400 Pike Drive Water Extension

Class: Water

FY2017 Council Approved

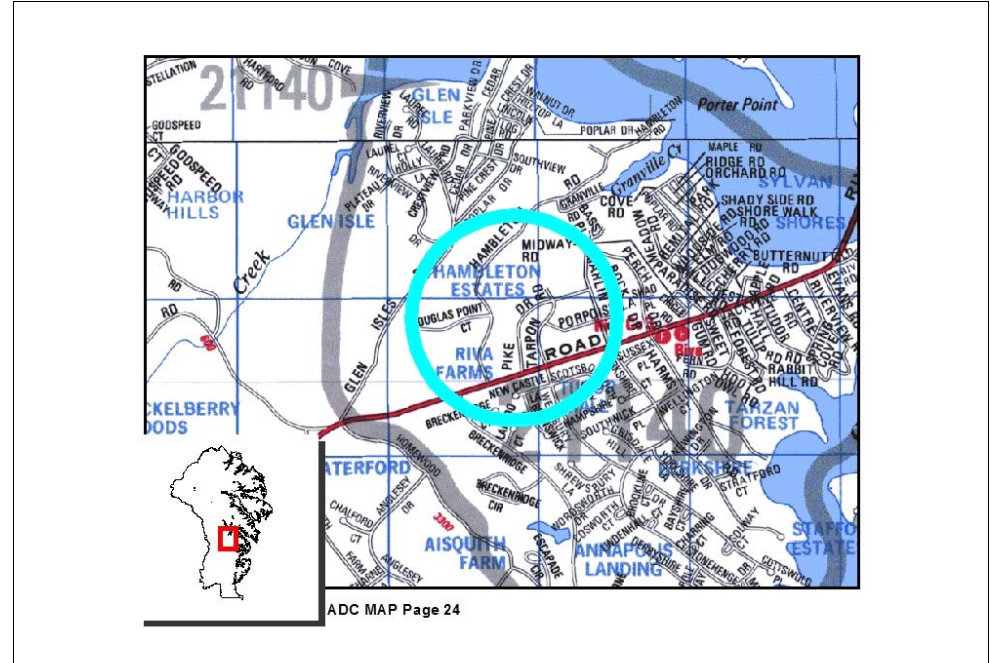
Description

This project provides the design, right-of-way acquisition, and construction of a public water service extension. This project will extend service to approximately 28 properties and is in response to a valid petition for public water service.

Benefit

This project will provide public water service to properties served currently by private on-site wells.

Amendment History



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$49,000	Plans and Engineering	\$119,000	\$49,000	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0
\$7,000	Land	\$7,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$477,000	Construction	\$593,000	\$477,000	\$116,000	\$0	\$0	\$0	\$0	\$0	\$0
\$37,000	Overhead	\$51,000	\$37,000	\$14,000	\$0	\$0	\$0	\$0	\$0	\$0
\$570,000	<b>Total</b>	\$770,000	\$570,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$200,000	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0

W805400 Pike Drive Water Extension

Class: Water

FY2017 Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Design
3. Action Required To Complete This Project: Design, Construction and Performance

**Change from Prior Year**

1. Change In Name Or Description: None
2. Change In Total Project Cost: Increase based on current estimate.
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 2016 \$570,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$0	\$0	\$0
April 1, 2016	\$0	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$570,000	Water Bonds	\$770,000	\$570,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0
\$570,000	<b>Total</b>	\$770,000	\$570,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$200,000	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0

W805500 Arnold Lime System Upgrade

Class: Water

FY2017

Council Approved

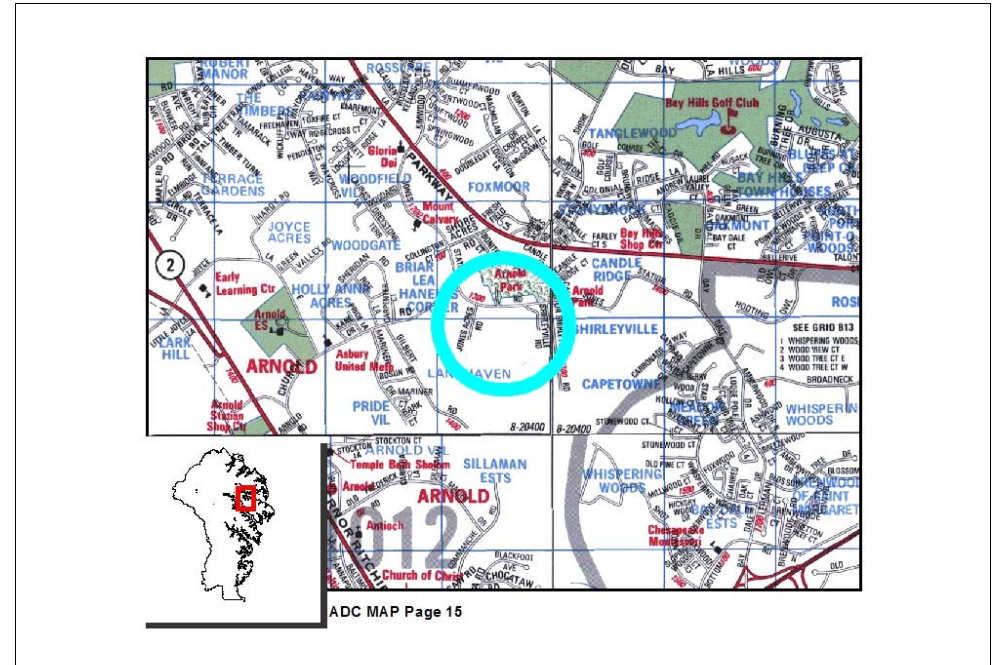
**Description**

This project includes the upgrade of the lime handling and feed system to meet the demands of the upgraded 16-mgd facility and the regulatory requirements mandated by the Environmental Protection Agency and the Maryland Department of the Environment. The project also includes concrete repairs to the facility's clarifiers and the design and construction of a catwalk between the facility's process tanks.

**Benefit**

The project work will provide lime handling and feed system sized appropriately to meet the process capacity of the facility and will improve overall efficiency of operation.

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
	Plans and Engineering	\$212,000	\$0	\$212,000	\$0	\$0	\$0	\$0	\$0	\$0
	Land	\$5,000	\$0	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0
	Construction	\$5,537,000	\$0	\$5,537,000	\$0	\$0	\$0	\$0	\$0	\$0
	Overhead	\$375,000	\$0	\$375,000	\$0	\$0	\$0	\$0	\$0	\$0
\$0	<b>Total</b>	\$6,129,000	\$0	\$6,129,000	\$0	\$0	\$0	\$0	\$0	\$0
	<b>More (Less) Than Prior Year Program:</b>	\$6,129,000	\$0	\$6,129,000	\$0	\$0	\$0	\$0	\$0	\$0

W805500 Arnold Lime System Upgrade

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status of this Project: New Project
2. Action Taken in Current FY: New Project
3. Action Required to Complete This Project: New Project

**Change from Prior Year**

1. Change in Name or Description: New Project
2. Change in Total Project Cost: New Project
3. Change in Scope: New Project
4. Change in Timing: New Project

Estimated Operating Budget Impact: Indeterminate

**Initial Total Project Cost Estimate**

FY 0                      \$0

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$0	\$0	\$0
April 1, 2016	\$0	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
	Water Bonds	\$6,129,000	\$0	\$6,129,000	\$0	\$0	\$0	\$0	\$0	\$0
\$0	<b>Total</b>	\$6,129,000	\$0	\$6,129,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$6,129,000	\$0	\$6,129,000	\$0	\$0	\$0	\$0	\$0	\$0

W805600 Dorsey Lime System Upgrade

Class: Water

FY2017 Council Approved

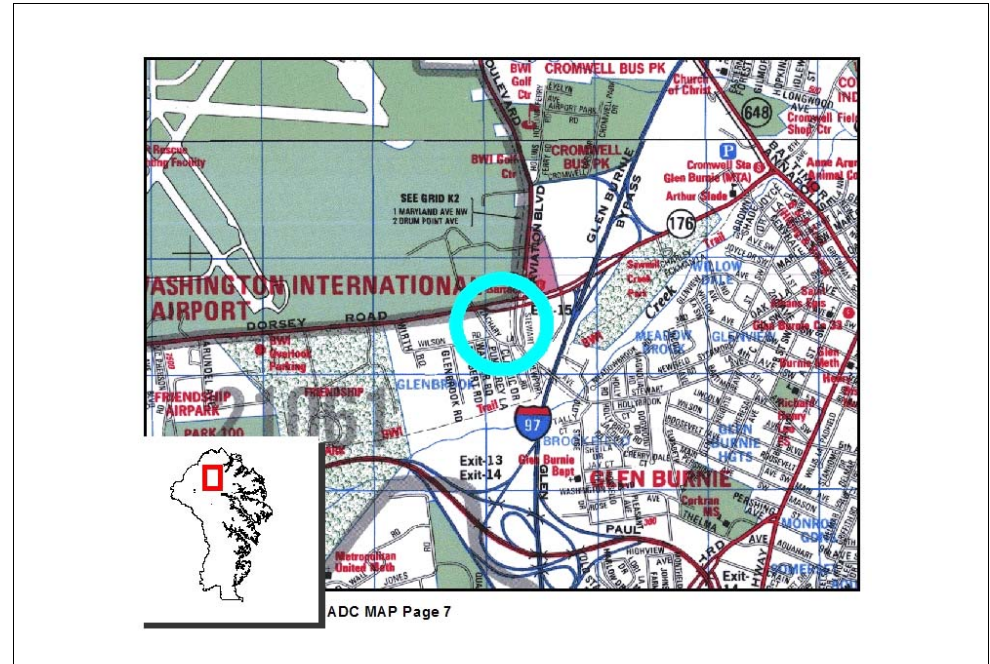
**Description**

The purpose of this project is to design and construct several process system upgrades to maintain reliable operation of the facility's treatment components including the lime system volumetric control system, mixers, silo activators, lime pump control system, and the lime feed lines inside the process building as well as those delivering lime to the outdoor application points.

**Benefit**

The improvements are necessary to upgrade/rehabilitate facility infrastructure to extend the lime system operating life and to maintain efficient treatment operations.

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
	Plans and Engineering	\$280,000	\$0	\$280,000	\$0	\$0	\$0	\$0	\$0	\$0
	Land	\$5,000	\$0	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0
	Construction	\$2,631,000	\$0	\$0	\$2,631	\$0	\$0	\$0	\$0	\$0
	Overhead	\$204,000	\$0	\$20,000	\$184	\$0	\$0	\$0	\$0	\$0
\$0	<b>Total</b>	\$3,120,000	\$0	\$305,000	\$2,815	\$0	\$0	\$0	\$0	\$0
	<b>More (Less) Than Prior Year Program:</b>	\$3,120,000	\$0	\$305,000	\$2,815	\$0	\$0	\$0	\$0	\$0

W805600 Dorsey Lime System Upgrade

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status of This Project: New Project
2. Action Taken in Current FY: New Project
3. Action Required to Complete This Project: New Project

**Change from Prior Year**

1. Change in Name or Description: New Project
2. Change in Total Project Cost: New Project
3. Change in Scope: New Project
4. Change in Timing: New Project

Estimated Operating Budget Impact: Indeterminate

**Initial Total Project Cost Estimate**

FY 0                      \$0

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$0	\$0	\$0
April 1, 2016	\$0	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
	Water Bonds	\$3,120,000	\$0	\$305,000	\$2,815	\$0	\$0	\$0	\$0	\$0
\$0	<b>Total</b>	\$3,120,000	\$0	\$305,000	\$2,815	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$3,120,000	\$0	\$305,000	\$2,815	\$0	\$0	\$0	\$0	\$0

X733700 Water Main Repl/Recon

Class: Water

FY2017 Council Approved

**Description**

This is a multi-year Water Infrastructure Investigation, Rehabilitation and Replacement Program. Numerous complaints of low pressure and dirty water indicate the need to investigate, rehabilitate or replace inadequate mains and service connections. Results of investigations and rehabilitation will require calibration and upgrade of the hydraulic model to accurately reflect system capacity. Additionally, data conversion and automation will be required to graphically display modeled capacity and infrastructure expansion. This is an ongoing program to replace 2" and 3" water mains and to rehabilitate or replace deteriorating 4" and larger water mains. Studies of the distribution network are also included in this project.

Request for FY'98 and future years has been increased \$0.6m for changeout of 5,000 aged meters per year that do not provide accurate reading and result in lost revenue. Changeout will include conversion to radio read technology.

**Benefit**

To ensure the adequacy of the county's water distribution system.

**Amendment History**

Prior approval has been adjusted to show the closing of jobs on this project. Added \$2,000,000 via AMD #25 to Bill 23-14. Removed \$5m via AMD #19 to Bill 23-14. County Council removed \$250k via AMD #152 and added \$1,930,000 via AMD #190 and added \$1,680,000/year for FTs 17-21 via AMD #201 to Bill 29-15.

Location

**Countywide**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
	Plans and Engineering	(\$789,813)	(\$789,813)	\$0	\$0	\$0	\$0	\$0	\$0	
	Land	\$6,885	\$6,885	\$0	\$0	\$0	\$0	\$0	\$0	
	Construction	(\$12,047,392)	(\$12,047,392)	\$0	\$0	\$0	\$0	\$0	\$0	
	Overhead	(\$719,836)	(\$719,836)	\$0	\$0	\$0	\$0	\$0	\$0	
\$46,117,444	Other	\$61,743,354	\$36,543,354	\$4,200,000	\$4,200	\$4,200	\$4,200	\$4,200	\$4,200	
\$46,117,444	<b>Total</b>	\$48,193,199	\$22,993,199	\$4,200,000	\$4,200	\$4,200	\$4,200	\$4,200	\$4,200	
<b>More (Less) Than Prior Year Program:</b>		\$2,075,754	(\$2,124,246)	\$0	\$0	\$0	\$0	\$0	\$4,200	Multi-Yr



X733700 Water Main Rep/Recon

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Clean and line water mains, ROW clearing, small diameter water main, bonnet bolt, and fire hydrant replacement.
3. Action Required To Complete This Project: Mult-Year

**Change from Prior Year**

1. Change In Name Or Description: None
2. Change In Total Project Cost: Added FY22 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 1985 \$1,200,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2015</b>	\$10,703,711	\$3,715,238	\$14,418,949
<b>April 1, 2016</b>	\$11,994,431	\$6,197,979	\$18,192,410

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$22,554,183	Water Bonds	\$24,754,183	\$14,154,183	\$100,000	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	
\$23,313,261	Water PayGo	\$21,189,016	\$8,589,016	\$2,100,000	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	
\$250,000	Bond Premium	\$2,250,000	\$250,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	
\$46,117,444	<b>Total</b>	\$48,193,199	\$22,993,199	\$4,200,000	\$4,200	\$4,200	\$4,200	\$4,200	\$4,200	
<b>More (Less) Than Prior Year Program:</b>		\$2,075,754	(\$2,124,246)	\$0	\$0	\$0	\$0	\$0	\$4,200	Multi-Yr

X764300 Water Proj Planning

Class: Water

FY2017 Council Approved

**Description**

Funds have been approved for preliminary planning, engineering, and cost estimating for proposed future Capital Water Projects. This will be a revolving fund that will be reimbursed as the future capital projects are established and funded in the Capital Budget.

Location

Countywide

**Benefit**

Provides for future planning of contemplated projects.

**Amendment History**

Prior approval has been adjusted to show the closing of jobs on this project. Switched \$1,210,000 of Bonds for PayGo via AMD #49 & 50 to Bill 46-13. Removed \$300,000 via AMD #18 to Bill 23-14.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
	Plans and Engineering	(\$2,752)	(\$2,752)	\$0	\$0	\$0	\$0	\$0	\$0	
	Overhead	(\$7,355)	(\$7,355)	\$0	\$0	\$0	\$0	\$0	\$0	
\$914,423	Other	\$1,524,530	\$924,530	\$600,000	\$0	\$0	\$0	\$0	\$0	
\$914,423	<b>Total</b>	\$1,514,423	\$914,423	\$600,000	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$600,000	\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	Multi-Yr

X764300 Water Proj Planning

Class: Water

FY2017 Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Truman Parkway Water Main Investigation, Brockbridge WTM Corrosion Study, Broad Creek II WTP Rehab, Crofton Meadows Residual Line Evaluation.
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: Increase based on need to fund future planning studies.
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: None

**Initial Total Project Cost Estimate**

FY 1993 \$300,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$268,058	\$307,070	\$575,128
April 1, 2016	\$567,154	\$220,566	\$787,720

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$4,423	Water Bonds	\$479,893	(\$120,107)	\$600,000	\$0	\$0	\$0	\$0	\$0	
	Conversion County Bnd	\$124,530	\$124,530	\$0	\$0	\$0	\$0	\$0	\$0	
\$910,000	Water PayGo	\$910,000	\$910,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$914,423	<b>Total</b>	\$1,514,423	\$914,423	\$600,000	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$600,000	\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	Multi-Yr

X787000 Water Storage Tank Painting

Class: Water

FY2017 Council Approved

**Description**

This project is initiated to ensure the integrity of the current inventory of elevated and ground storage water tanks and is part of an ongoing project to inspect, rehabilitate and paint the current inventory within an economically feasible period of time. Future tank rehabilitation/painting is programmed as follows:

FY17 - Jacobsville, Jessup, Arundel Mills, Arnold GST, Arnold GST, Crofton Sphere, Broad Creek II GST.

FY18 - Central Avenue and MD City Evaluation

FY19 - Gate and Altitude Valve Replacement

\*Priorities will be reviewed annually. Rehabilitation sequencing may change.

**Benefit**

Preventive maintenance of infrastructure.

**Amendment History**

Prior approval has been adjusted to show the closing of jobs on this project. County Council removed \$1m via AMD #154, added \$357k via AMD #191, \$357k in FY17, \$357k in FY18, \$1,611,000 in FY20 and \$835k in FY21 and decreased \$835k in FY19 via AMD #202 to Bill 29-15.

Location

**Countywide**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$2,331,812	Plans and Engineering	\$1,875,870	\$1,584,870	\$69,000	\$222	\$0	\$0	\$0	\$0	
\$33,128,896	Construction	\$27,254,153	\$17,718,153	\$2,573,000	\$2,532	\$998	\$0	\$3,433	\$0	
\$2,192,172	Overhead	\$1,928,445	\$1,233,445	\$192,000	\$193	\$70	\$0	\$240	\$0	
\$50,000	Other	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	
<b>\$37,702,880</b>	<b>Total</b>	<b>\$31,108,467</b>	<b>\$20,586,467</b>	<b>\$2,834,000</b>	<b>\$2,947</b>	<b>\$1,068</b>	<b>\$0</b>	<b>\$3,673</b>	<b>\$0</b>	
<b>More (Less) Than Prior Year Program:</b>		<b>(\$6,594,413)</b>	<b>(\$3,080,413)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$3,673)</b>	<b>\$159</b>	<b>\$0</b>	<b>Multi-Yr</b>

X787000 Water Storage Tank Painting

Class: Water

FY2017 Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction of Jacobsville, Jessup, Arnold GST, Crofton Sphere, Arundel Mills, and Broad Creek II GST.
3. Action Required To Complete This Project: Multi-Year

**Change from Prior Year**

1. Change In Name Or Description: Adjusted Tank Priority Listing.
2. Change In Total Project Cost: Deferred FY20 & FY21 request based on available balance.
- 3 Change In Scope: None
- 4 Change In Timing: None

Estimated Operating Budget Impact: None

**Initial Total Project Cost Estimate**

FY 1998 \$9,378,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$11,533,011	\$2,789,478	\$14,322,488
April 1, 2016	\$10,103,278	\$4,710,948	\$14,814,227

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$16,110,981	Water Bonds	\$15,107,633	\$9,847,633	\$1,417,000	\$1,473	\$534	\$0	\$1,836	\$0	
\$19,688,899	Water PayGo	\$13,579,509	\$8,317,509	\$1,417,000	\$1,474	\$534	\$0	\$1,837	\$0	
	Conv. PayGo Enterpris	\$518,325	\$518,325	\$0	\$0	\$0	\$0	\$0	\$0	
\$1,903,000	Bond Premium	\$1,903,000	\$1,903,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$37,702,880	<b>Total</b>	\$31,108,467	\$20,586,467	\$2,834,000	\$2,947	\$1,068	\$0	\$3,673	\$0	
<b>More (Less) Than Prior Year Program:</b>		(\$6,594,413)	(\$3,080,413)	\$0	\$0	\$0	(\$3,673)	\$159	\$0	Multi-Yr

**Y514200 Routine Water Extensions**

**Class: Water**

**FY2017 Council Approved**

**Description**

This project is for design, land acquisition and construction of minor extensions and minor projects identified by the department to the existing water system as petitioned by residents or determined necessary as an integral requirement of CIP Road Improvement that accommodate the road design and/or avoids future excavation of the new road infrastructure. It will also enable the Department of Public Works to respond to emergency situations mandated by the Maryland Department of the Environment for water service.

Construction of major extensions (those estimated to cost more than \$250,000) are programmed and budgeted as separate capital projects.

**Benefit**

Provides for orderly service expansion.

**Amendment History**

Prior approval has been adjusted to show the closing of jobs on this project. County Council removed \$200,000 via AMD #30 to Bill 31-16.

**Location**

**Countywide**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	FY2018	Capital Program (\$000)					Beyond 6 Years
						FY2019	FY2020	FY2021	FY2022		
	Plans and Engineering	(\$223,333)	(\$223,333)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Land	(\$62)	(\$62)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Construction	(\$240,355)	(\$240,355)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Overhead	(\$22,833)	(\$22,833)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,479,892	Other	\$2,950,825	\$1,950,825	\$0	\$200	\$200	\$200	\$200	\$200	\$200	
\$2,479,892	<b>Total</b>	\$2,464,242	\$1,464,242	\$0	\$200	\$200	\$200	\$200	\$200	\$200	
<b>More (Less) Than Prior Year Program:</b>		(\$15,650)	(\$15,650)	(\$200,000)	\$0	\$0	\$0	\$0	\$200	Multi-Yr	

Y514200 Routine Water Extensions

Class: Water

FY2017 Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Feasibility Studies for Pike Drive, Perch Drive, Oakdale Circle, Coriander Place/Gingerville Manor, Chestnut Springs Lane, and a routine water extension at Mulberry Road.
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 FY22 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 1968 \$94,000

**Financial Activity**

Expended	Encumbered	Total	
April 1, 2015	\$554,479	\$10,493	\$564,972
April 1, 2016	\$564,406	\$77,034	\$641,440

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$2,479,892	Water Bonds	\$2,464,242	\$1,464,242	\$0	\$200	\$200	\$200	\$200	\$200	
\$2,479,892	<b>Total</b>	\$2,464,242	\$1,464,242	\$0	\$200	\$200	\$200	\$200	\$200	
<b>More (Less) Than Prior Year Program:</b>		(\$15,650)	(\$15,650)	(\$200,000)	\$0	\$0	\$0	\$0	\$200	Multi-Yr

W741400 Chg Against Wtr Clsd Projects

Class: Water

FY2017

Council Approved

**Description**

Funds are approved to allow for settlement of claims and items required in Project Performance Phase on Water Capital Projects which have been closed out prior to the settlement of the claims.

Available balances from completed projects will be the primary source of funding for this project.

**Benefit**

This fund ensures that claims can be settled in the most expedient manner.

**Amendment History**

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

Location

Countywide

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$663,390	Other	\$663,390	\$663,390	\$0	\$0	\$0	\$0	\$0	\$0	
\$663,390	<b>Total</b>	\$663,390	\$663,390	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr



**W741400 Chg Against Wtr Clsd Projects**

**Class: Water**

**FY2017**

**Council Approved**

**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: None
3. Change In Scope: None
4. Change In Timing: None

**Estimated Operating Budget Impact: None**

**Initial Total Project Cost Estimate**

FY 1986      \$900,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2015</b>	\$435,455	\$0	\$435,455
<b>April 1, 2016</b>	\$439,546	\$2,978	\$442,524

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2017</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	
\$512,340	Water Bonds	\$414,506	\$414,506	\$0	\$0	\$0	\$0	\$0	\$0	
	Conversion County Bnd	\$97,834	\$97,834	\$0	\$0	\$0	\$0	\$0	\$0	
	Conv. PayGo Enterpris	\$151,050	\$151,050	\$0	\$0	\$0	\$0	\$0	\$0	
\$512,340	<b>Total</b>	\$663,390	\$663,390	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

**W753400 Demo Abandoned Facilities**

**Class: Water**

**FY2017**

**Council Approved**

**Description**

Funds are approved, requested and programmed to demolish various facilities which are no longer in service.

The facilities include, but are not limited to, Pines WTP; Dorsey Wells #1,3,4,11,14 and #15; Severna Park Booster Station; Ft. Smallwood BPS; Riviera Beach Standpipe; Sawmill Wells; Glen Burnie Park BPS; Thelma Ave SCW; Sawmill WTP; MD City Ind Wells 1,2,3,& 4; Quarterfield GR Storage Tank, Pasadena EWT, Marley BPS, Crofton Meadows I WTP treatment basins, Ft. Meade BPS and Glendale SCW.

Project description amended in FY16 to include Amberly Water Treatment Plant.

**Benefit**

Demolition of these facilities will allow the county to dispose of excess land.

**Amendment History**

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

Location

**Countywide**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$66,267	Plans and Engineering	\$66,267	\$66,267	\$0	\$0	\$0	\$0	\$0	\$0	
\$421,782	Construction	\$421,782	\$421,782	\$0	\$0	\$0	\$0	\$0	\$0	
\$27,674	Overhead	\$27,674	\$27,674	\$0	\$0	\$0	\$0	\$0	\$0	
\$515,723	<b>Total</b>	\$515,723	\$515,723	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

W753400 Demo Abandoned Facilities

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Initiate studies to abandon Amberly WTP.
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: None
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: None

**Initial Total Project Cost Estimate**

FY 1995            \$100,000

**Financial Activity**

Expended	Encumbered	Total	
April 1, 2015	\$0	\$0	\$0
April 1, 2016	\$0	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years	
					FY2018	FY2019	FY2020	FY2021	FY2022		
\$515,723	Water PayGo	\$515,723	\$515,723	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$515,723	<b>Total</b>	\$515,723	\$515,723	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

W783000 Cape St Claire Rd TM

Class: Water

FY2017 Council Approved

**Description**

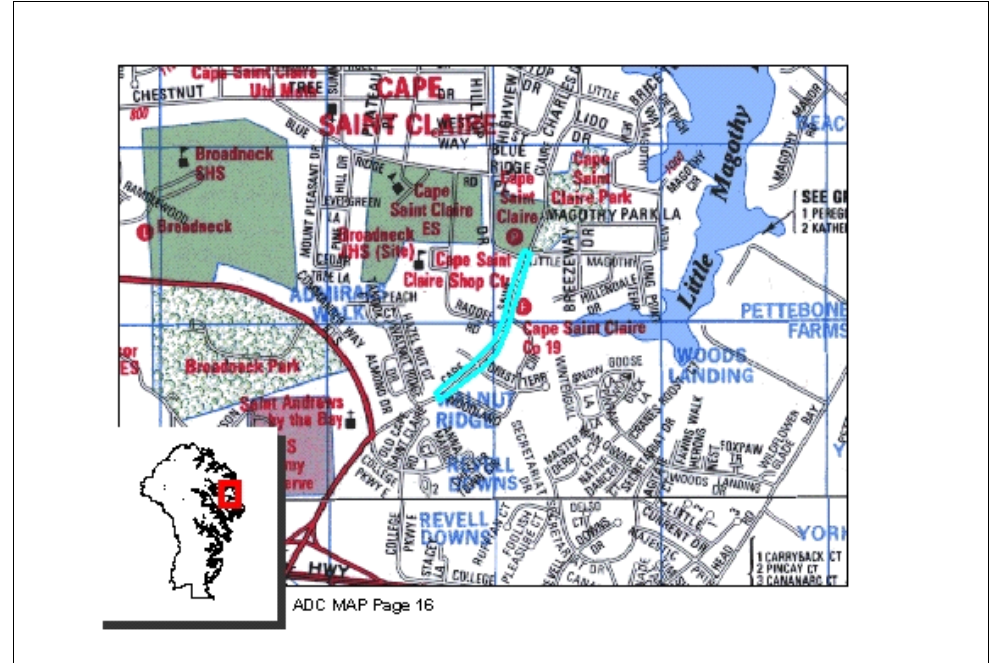
This project is to construct a Water Transmission Main in Cape St. Claire Road between Woodland Drive and Hilltop Road.

This project is being coordinated with the Cape St. Claire Road Upgrade Project H-4610 in the Roads and Bridges Class.

**Benefit**

Coordination with the road project to prevent patching of new construction.

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$34,000	Plans and Engineering	\$34,000	\$34,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,000	Land	\$4,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$999,000	Construction	\$999,000	\$999,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$72,000	Overhead	\$72,000	\$72,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,109,000	<b>Total</b>	\$1,109,000	\$1,109,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W783000 Cape St Claire Rd TM

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Performance
3. Action Required To Complete This Project: 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:** Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 1997            \$277,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2015</b>	\$332,086	\$498,013	\$830,098
<b>April 1, 2016</b>	\$733,407	\$167,196	\$900,603

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$1,109,000	Water Bonds	\$1,109,000	\$1,109,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,109,000	<b>Total</b>	\$1,109,000	\$1,109,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W793200 TM Meade to Jessup

Class: Water

FY2017 Council Approved

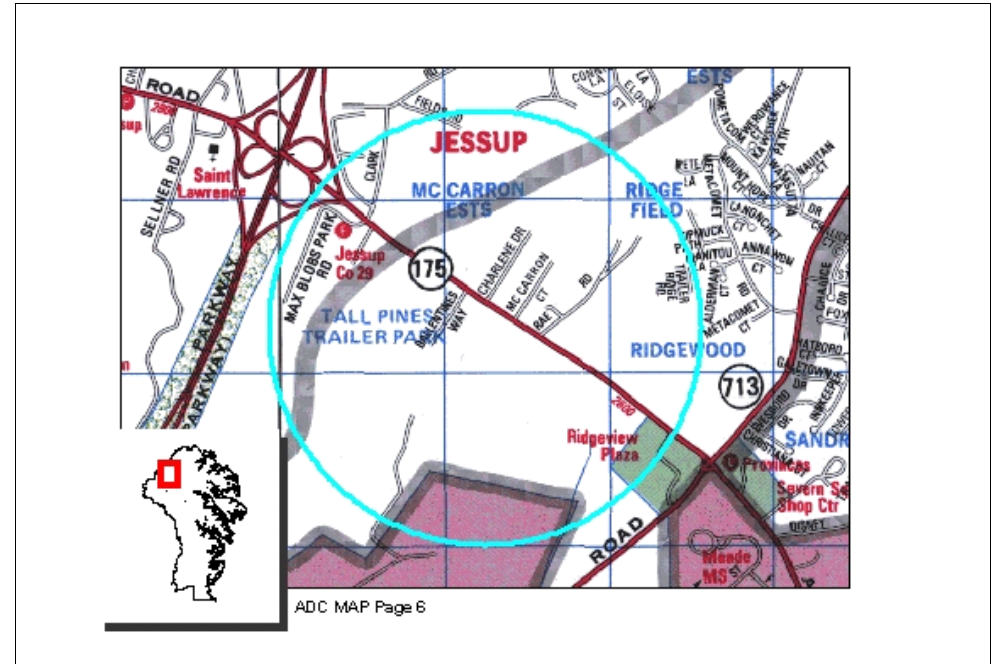
**Description**

This project is to provide assistance to construct 7,000 feet of Water Main and a Control Vault from the Fort Mead Booster Pumping Station (See Project No. W793400) at MD Rte 175 and Rockenbach Road to the existing county 20-inch main at MD 175 and Race Road. In addition, 1,000 feet of 16 inch water main is required.

**Benefit**

The water main and control vault are a portion of the facilities required to provide water service to the Jessup/Maryland City Service Area as provided for in the County Water Strategic Plan.

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$163,000	Plans and Engineering	\$163,000	\$163,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,103,000	Land	\$1,103,000	\$1,103,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,264,000	Construction	\$7,264,000	\$7,264,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$453,000	Overhead	\$453,000	\$453,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$8,983,000	<b>Total</b>	\$8,983,000	\$8,983,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W793200 TM Meade to Jessup

Class: Water

FY2017

Council Approved

**Project Status**

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

**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:** Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 1999                      \$2,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2015</b>	\$7,684,000	\$172,319	\$7,856,319
<b>April 1, 2016</b>	\$7,693,560	\$63,306	\$7,756,866

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$8,983,000	Water Bonds	\$8,983,000	\$8,983,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$8,983,000	<b>Total</b>	\$8,983,000	\$8,983,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W797600 Independent Well Upgrd**

**Class: Water**

**FY2017 Council Approved**

**Description**

This project is to design and construct reverse osmosis treatment at Glendale Independent Well and to examine/install Aquifer Storage Recovery (ASR) capacity at the Quarterfield and Crain Highway Independent Wells.

Additional future funding may be required if treatment becomes more complex than currently anticipated or if additional wells require treatment.

**Benefit**

This project is necessary to provide additional water supply in the Glen Burnie Water Service Area.

**Amendment History**

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

Location

Countywide

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$232,223	Plans and Engineering	\$232,223	\$232,223	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,000	Land	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,782,984	Construction	\$1,782,984	\$1,782,984	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$154,851	Overhead	\$154,851	\$154,851	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,171,058	<b>Total</b>	\$2,171,058	\$2,171,058	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



W797600 Independent Well Upgrd

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Negotiating with A/E to conduct ASR study.
3. Action Required To Complete This Project: Evaluate Potential of Aquifer Storage Recovery at Quarterfield and/or Crain Highway Independent Well Sites.

**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:** Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 2000      \$3,193,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$47,847	\$0	\$47,847
April 1, 2016	\$52,839	\$0	\$52,839

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years	
					FY2018	FY2019	FY2020	FY2021	FY2022		
\$1,741,058	Water Bonds	\$1,741,058	\$1,741,058	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Developer Contribution	\$430,000	\$430,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,741,058	<b>Total</b>	\$2,171,058	\$2,171,058	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W800200 Water System Security**

**Class: Water**

**FY2017 Council Approved**

**Description**

Design and construction of miscellaneous improvements to reduce vulnerability and improve water system security.

**Location**

**Countywide**

**Benefit**

Recent threats against home land security has required additional measures to protect vital utility services.

**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 FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$133,950	Plans and Engineering	\$105,924	\$105,924	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,000	Land	\$6,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,336,398	Construction	\$5,169,611	\$5,169,611	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$332,806	Overhead	\$265,655	\$265,655	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,809,154	<b>Total</b>	\$5,547,190	\$5,547,190	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$1,261,964)	(\$1,261,964)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W800200 Water System Security

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Continue video system monitoring installations. Construction of security fencing around well houses, pump stations, and water towers pending updated vulnerability assessment study.
3. Action Required To Complete This Project: Design, 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: Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 2004 \$4,800,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$1,975,191	\$640,450	\$2,615,641
April 1, 2016	\$758,568	\$665,801	\$1,424,369

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$6,809,154	Water Bonds	\$5,547,190	\$5,547,190	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,809,154	<b>Total</b>	\$5,547,190	\$5,547,190	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$1,261,964)	(\$1,261,964)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W801200 12" St Marg/Old Mill Bttm

Class: Water

FY2017 Council Approved

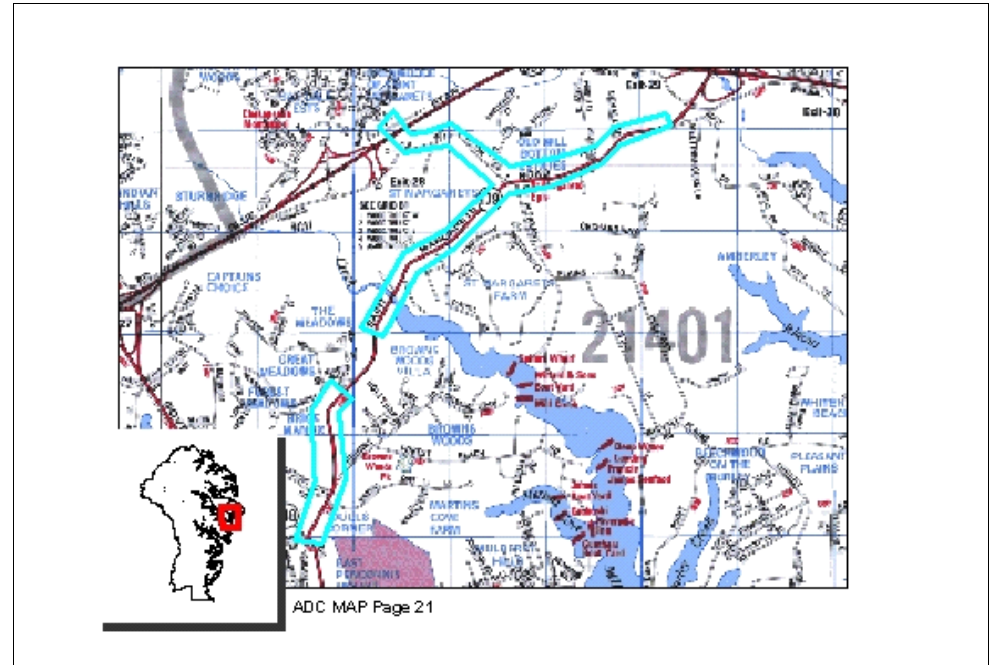
**Description**

This project is for design, right of way acquisition and construction of approximately 7,000 linear feet of 12-inch watermain within the 220 Broadneck Service Area. The main will extend along St. Margarets Road from the Amberly WTP to the existing distribution system located on the north side of MD Rte 50 at Old Mill Bottom Road. The project will improve the pressure within the existing distribution system.

**Benefit**

Project will complete loops between the existing 12-inch main on Old Mill Bottom Road North and the proposed 12-inch main in St. Margarets Road,

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$430,000	Plans and Engineering	\$430,000	\$430,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$70,000	Land	\$70,000	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,095,000	Construction	\$3,095,000	\$3,095,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$241,000	Overhead	\$241,000	\$241,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,836,000	<b>Total</b>	\$3,836,000	\$3,836,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W801200 12" St Marg/Old Mill Bttm

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction and Performance
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:** Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 2010 \$4,051,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$254,289	\$320,313	\$574,602
April 1, 2016	\$274,940	\$2,637,210	\$2,912,149

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years	
					FY2018	FY2019	FY2020	FY2021	FY2022		
\$3,836,000	Water Bonds	\$3,836,000	\$3,836,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,836,000	<b>Total</b>	\$3,836,000	\$3,836,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W801700 Glen Burnie High Zone**

**Class: Water**

**FY2017 Council Approved**

**Description**

This project provides for the design, right of way acquisition and construction of various watermain improvements within the 295 Glen Burnie High Pressure Zone. These mains will transmit flow, meet fire flow demands and reduce friction loss within the existing distribution system. Project includes the following improvements:

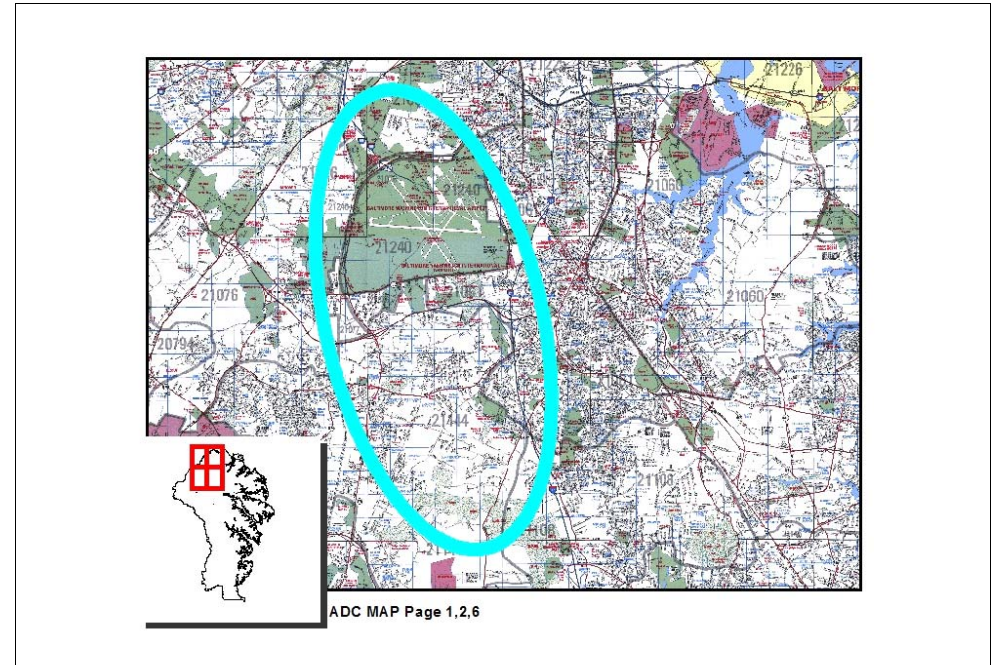
- \* 1,750 linear feet of 12-inch watermain at Quarterfield Road from Sandy Hill Road to the existing main in Quaterfield Road.
- \* 3,170 linear feet of 12-inch watermain along Hammonds Ferry Road from Oregon Ave to Hammonds Business Park.
- \* 2,800 linear feet of 8-inch watermain along Oregon Ave to Raynor Ave.
- \* 2,700 linear feet of 12-inch watermain along Nursery Road.
- \* 1,860 linear feet of 8-inch watermain along Evelyn Ave.

**Benefit**

Project will complete various looping thus reducing friction losses and increasing flows to meet fire demands.

**Amendment History**

County Council removed \$56k via AMD #79 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$828,000	Plans and Engineering	\$828,000	\$828,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$33,000	Land	\$33,000	\$33,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,478,000	Construction	\$4,478,000	\$4,478,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$308,000	Overhead	\$308,000	\$308,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,647,000	<b>Total</b>	\$5,647,000	\$5,647,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W801700 Glen Burnie High Zone

Class: Water

FY2017 Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction
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: Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 2010 \$5,403,000

**Financial Activity**

Expended	Encumbered	Total	
April 1, 2015	\$486,159	\$469,539	\$955,698
April 1, 2016	\$517,998	\$1,431,948	\$1,949,946

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years	
					FY2018	FY2019	FY2020	FY2021	FY2022		
\$5,647,000	Water Bonds	\$5,647,000	\$5,647,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,647,000	<b>Total</b>	\$5,647,000	\$5,647,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W801800 Arnold WTP Exp

Class: Water

FY2017

Council Approved

**Description**

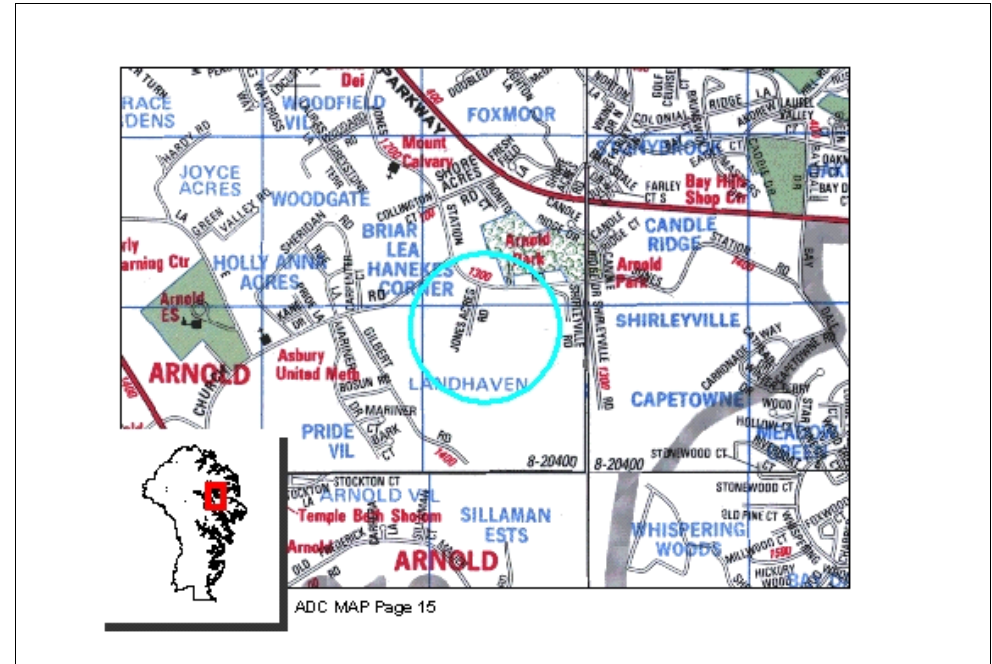
This project provides funding for the design, right of way acquisition and construction of an expansion for the Arnold WTP. Project includes the expansion of both, the water treatment facility and well fields from 8 to 16 MGD. The project will also increase the pumping capacity of the booster pumps by 4.6 MGD and upgrade of the existing plant control system.

The construction of this project is funded over two years.

**Benefit**

Project will provide increased treatment capacity thus increasing water system reliability and reducing reliance on Baltimore City's water supply.

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$3,156,000	Plans and Engineering	\$3,156,000	\$3,156,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$458,000	Land	\$458,000	\$458,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$30,279,000	Construction	\$30,279,000	\$30,279,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,746,000	Overhead	\$1,746,000	\$1,746,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$35,639,000	<b>Total</b>	\$35,639,000	\$35,639,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



W801800 Arnold WTP Exp

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Initiated Design of Arnold Test Well #11, Production Well #11 and Well #11 Transmission Main. Performance of Arnold Well #7
3. Action Required To Complete This Project: Construction and Performance of Arnold Test Well #11, Production Well #11 and Well #11 Transmission Main.

**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:** Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 2010      \$32,457,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2015</b>	\$30,901,668	\$54,982	\$30,956,650
<b>April 1, 2016</b>	\$30,997,620	\$11,827	\$31,009,447

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$35,639,000	Water Bonds	\$35,639,000	\$35,639,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$35,639,000	<b>Total</b>	\$35,639,000	\$35,639,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W803400 Water Proj Mgmt

Class: Water

FY2017

Council Approved

**Description**

Funds are requested to provide contract services for project management of water class projects during design, right of way acquisition, construction and performance. Funding for this project will be reimbursed by the individual capital projects to be managed.

Location

Countywide

**Benefit**

Improved efficiency during execution of the capital improvement program.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$2,000,000	Other	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,000,000	<b>Total</b>	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

W803400 Water Proj Mgmt

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current FY: 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: None
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

**Initial Total Project Cost Estimate**

FY 2010      \$1,000,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$68,875	\$1,868,358	\$1,937,232
April 1, 2016	\$178,963	\$947,298	\$1,126,262

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$2,000,000	Project Reimbursement	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,000,000	<b>Total</b>	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

W803500 Hospital Drive WTR Ext

Class: Water

FY2017 Council Approved

**Description**

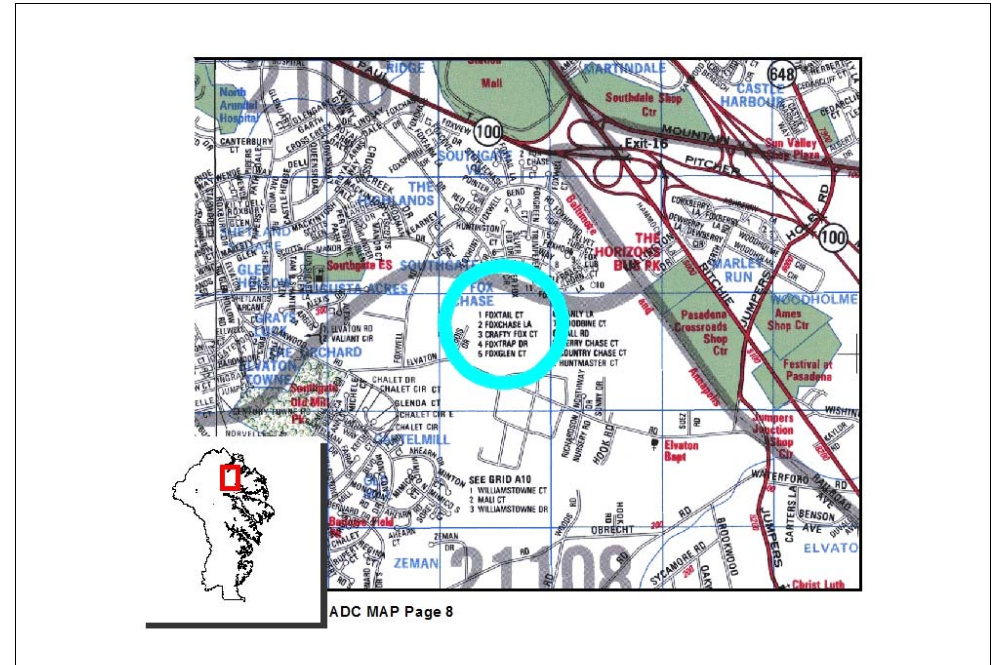
Funds are requested for the design and construction of approximately 1,800 linear feet of 12-inch watermain extension from the existing main at the end of Hospital Drive to Elvaton Road.

This project is being programmed in conjunction with highway project H387900, Hospital Drive Extension.

**Benefit**

Coordination with highway project to prevent patching of new infrastructure.

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$78,000	Plans and Engineering	\$78,000	\$78,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,000	Land	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,027,000	Construction	\$1,027,000	\$1,027,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$66,000	Overhead	\$66,000	\$66,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,176,000	<b>Total</b>	\$1,176,000	\$1,176,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W803500 Hospital Drive WTR Ext

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current FY: 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 2010 \$830,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$49,992	\$20,928	\$70,920
April 1, 2016	\$50,857	\$20,928	\$71,785

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$1,176,000	Water Bonds	\$1,176,000	\$1,176,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,176,000	<b>Total</b>	\$1,176,000	\$1,176,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W804300 New Cut WTP

Class: Water

FY2017 Council Approved

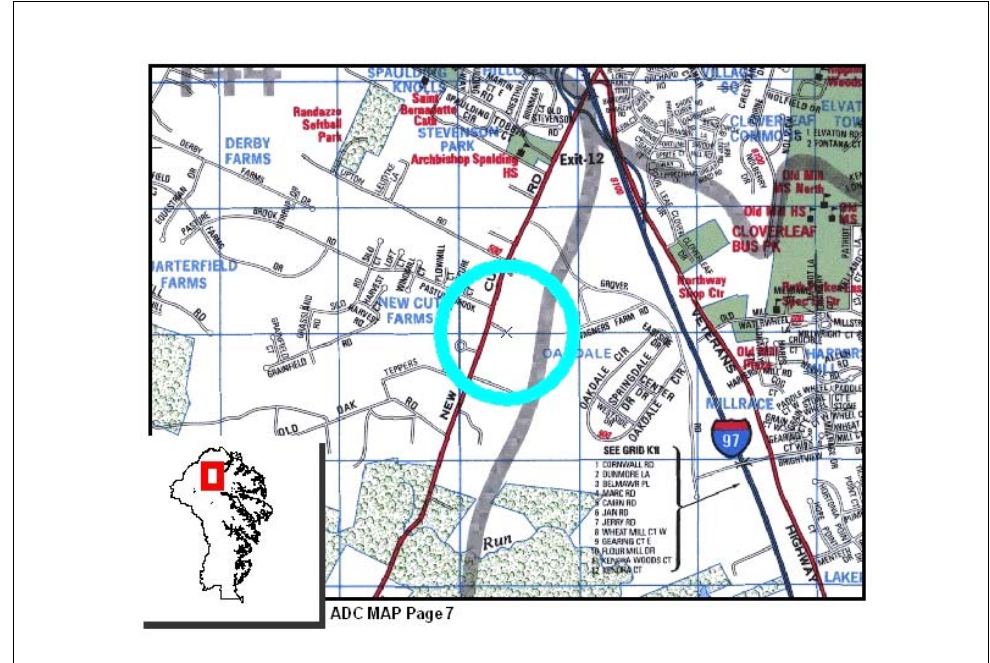
**Description**

Funds are requested for planning and siting studies to support the design, right of way acquisition and construction of a new water treatment plant to serve the Glen Burnie High Zone. The new facility will provide additional capacity to support future growth and is intended to replace/supplement the Dorsey WTP.

**Benefit**

Provides additional treatment capacity to meet both existing and future domestic water demands, as well as, fire flow.

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$100,000	Plans and Engineering	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,010,000	Land	\$1,010,000	\$1,010,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$66,000	Overhead	\$66,000	\$66,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,176,000	<b>Total</b>	\$1,176,000	\$1,176,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W804300 New Cut WTP

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Perform land study.
3. Action Required To Complete This Project: Study, Design, Right of Way Acquisition, 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:** Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 2009 \$116,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$13,518	\$0	\$13,518
April 1, 2016	\$14,030	\$0	\$14,030

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$1,176,000	Water Bonds	\$1,176,000	\$1,176,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,176,000	<b>Total</b>	\$1,176,000	\$1,176,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W804500 North Co Water Dist Imp

Class: Water

FY2017 Council Approved

**Description**

This project provides engineering, land acquisition and construction funding for the design and construction of approximately 10,800 linear feet of water main installations at various locations within Northern Anne Arundel County for improvement of water delivery to customers.

Location

Countywide

**Benefit**

The project will provide system reliability enhancements by improving reliability to meet domestic and fire flow demands, as well as, system expansion.

**Amendment History**

County Council removed \$135k via AMD #51 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$1,211,000	Plans and Engineering	\$1,211,000	\$1,211,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$203,000	Land	\$203,000	\$203,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,168,000	Construction	\$5,168,000	\$5,168,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$472,000	Overhead	\$472,000	\$472,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,054,000	<b>Total</b>	\$7,054,000	\$7,054,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



W804500 North Co Water Dist Imp

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Complete Design for Phase 2, Right-of-Way Acquisition, and Construction for Phase 1.
3. Action Required To Complete This Project: Performance for Phase 1 and Construction and Performance for Phase 2.

**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:** Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 2011 \$7,189,000

**Financial Activity**

Expended	Encumbered	Total
April 1, 2015	\$364,693	\$1,405,934
April 1, 2016	\$1,438,292	\$1,501,711
		\$2,940,003

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$7,054,000	Water Bonds	\$7,054,000	\$7,054,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,054,000	<b>Total</b>	\$7,054,000	\$7,054,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W804600 Balt City - Fullerton WTP

Class: Water

FY2017

Council Approved

Description

Funds are requested for Anne Arundel County's share of the proposed Baltimore City Fullerton Water Treatment Plant. The facility is being planned, designed and constructed to meet regulatory requirements, demands of the water service area and to provide reliability. Funds will only be requested to cover Anne Arundel County's share of the new facility in accordance with inter-jurisdictional agreement between Baltimore City, Anne Arundel, Baltimore and Howard Counties.

At the time of project request, Anne Arundel County's proportional share of the project has not been agreed upon. Local share could range between 4% to 10% of the total \$500 million dollar project cost.

Future funding requests will be made in the 5 Yr Program once percentages are agreed upon by all jurisdictions.

Benefit

The new facility is needed to meet regulatory requirements for potable water treatment, to provide operational reliability and to meet future demands. When completed, Fullerton will provide operational reliability to allow upgrade/rehabilitation of the Montebello Filtration Plant that currently provides water supply to Anne Arundel County

Amendment History

Location

**Countywide**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$100,000	Plans and Engineering	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,000	Overhead	\$6,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$106,000	<b>Total</b>	\$106,000	\$106,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W804600 Balt City - Fullerton WTP

Class: Water

FY2017

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Continued Negotiations with Baltimore City
3. Action Required To Complete This Project: Design, 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:** Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 2011 \$106,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$0	\$0	\$0
April 1, 2016	\$0	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$106,000	Water Bonds	\$106,000	\$106,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$106,000	<b>Total</b>	\$106,000	\$106,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W804700 Northeast Water Facility**

**Class: Water**

**FY2017 Council Approved**

**Description**

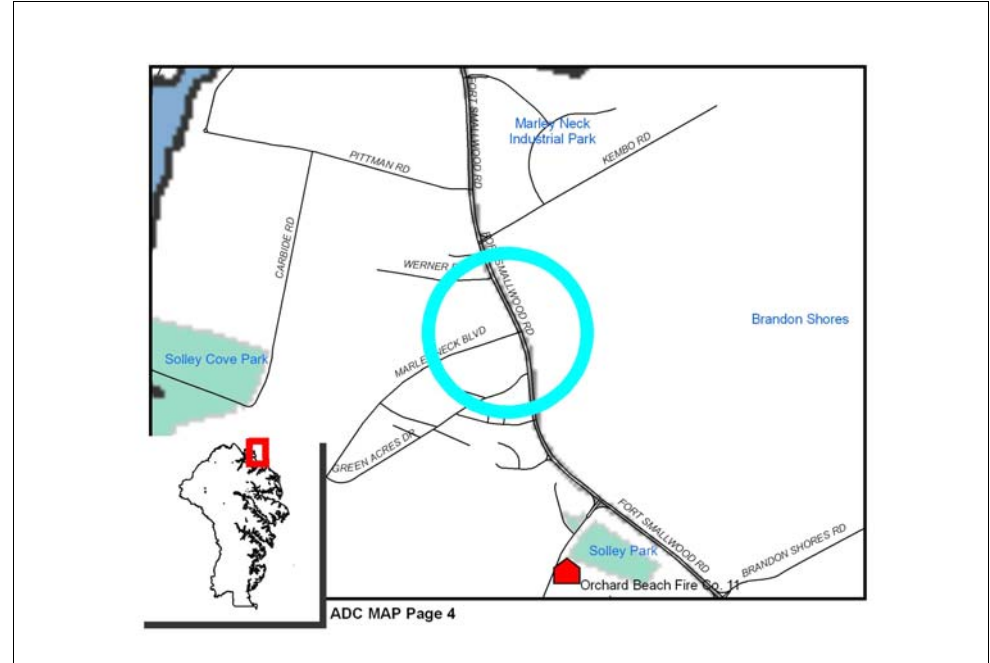
Funds are requested for the design, land acquisition and construction of a new 6.0 MGD water treatment facility located in the northeast portion of Anne Arundel County. The project includes the treatment facility, new well fields, ground storage tank, raw water transmission mains and appurtenances.

Two Year Construction Funding is proposed.

**Benefit**

The new facility is needed to maintain service to existing and future customer base. The project when completed will provide additional independence from the Baltimore City Zone 1 Water Supply and will increase reliability of the in-county water system.

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$134,000	Plans and Engineering	\$134,000	\$134,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,000	Overhead	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$139,000	<b>Total</b>	\$139,000	\$139,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W804700 Northeast Water Facility

Class: Water

FY2017 Council Approved

**Project Status**

1. Current Status Of This Project: Pending Closed
2. Action Taken In Current Fiscal Year: Pending Closed
3. Action Required To Complete This Project: Pending Closed

**Change from Prior Year**

1. Change in Name or Description: Pending Closed
2. Change in Total Project Cost: Pending Closed
3. Change in Scope: Pending Closed
4. Change in Timing: Pending Closed

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

**Initial Total Project Cost Estimate**

FY 2011 \$51,161,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$133,235	\$0	\$133,235
April 1, 2016	\$133,235	\$0	\$133,235

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$139,000	Water Bonds	\$139,000	\$139,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$139,000	<b>Total</b>	\$139,000	\$139,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W804900 Petition-Cape St Claire Water

Class: Water

FY2017 Council Approved

**Description**

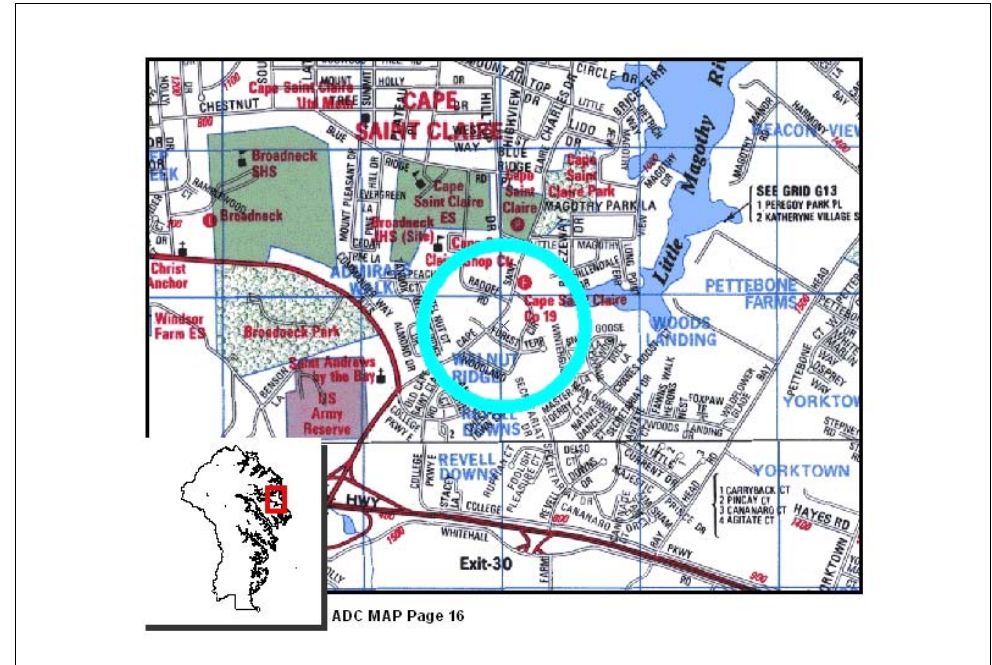
Funds are requested for the design, right of way acquisition and construction of a water extension serving 11 parcels in the Community of Cape St Claire. This project is in response to a valid petition for water service.

**Benefit**

Project will provide public water service to properties currently served by private on-site wells.

**Amendment History**

County Council removed \$60k via AMD #52 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$55,000	Plans and Engineering	\$55,000	\$55,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,000	Land	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$160,000	Construction	\$160,000	\$160,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$20,000	Overhead	\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$240,000	<b>Total</b>	\$240,000	\$240,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W804900 Petition-Cape St Claire Water

Class: Water

FY2017

Council Approved

**Project Status**

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

**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 2013            \$300,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2015	\$139,767	\$7,853	\$147,619
April 1, 2016	\$139,767	\$7,853	\$147,619

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2017	Capital Program (\$000)					Beyond 6 Years
					FY2018	FY2019	FY2020	FY2021	FY2022	
\$240,000	Water Bonds	\$240,000	\$240,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$240,000	<b>Total</b>	\$240,000	\$240,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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