# Approved Capital Budget and Program



Steve Schuh County Executive

# Water

<b>Project Title</b>	Page
12" St Marg/Old Mill Bttm	378
16" Reidel to Rte 3	352
350 Zone Improvements	351
Arnold WTP Exp	379
Balt City - Fullerton WTP	383
Balto City Water Main Rpr	350
Broad Creek WTP Exp	359
Cape St Claire Rd TM	374
Chg Against Wtr Clsd Projects	371
Crofton Meadows II Exp Ph 2	353
Crofton Meadows II WTP Upgr	344
Demo Abandoned Facilities	372
Disney Road Booster Station	347
East/West TM - North	357
Elevated Water Storage	349
Exist Well Redev/Repl	342
Fire Hydrant Rehab	346
Gibson Island WTP Upgr	373
Glen Burnie High Zone	355
Hospital Drive WTR Ext	381
Independent Well Upgrd	376
New Cut WTP	382
North Co Water Dist Imp	361
Northeast Water Facility	362
Old Mill Bottom WTR	365
Perch Drive Water Extension	366
Petition-Cape St Claire Water	363
Pike Drive Water Extension	367
Routine Water Extensions	370
Severndale WTP Upgrade PH III	348
Sylvan Shores Water	358
TM Meade to Jessup	375
TM Odenton to GB High P Zone	343

Project Title	Page
TM-MD Rte 32 @ Meade	354
Water Fac Emerg Generators	364
Water Main Repl/Recon	368
Water Proj Mgmt	380
Water Proj Planning	384
Water Storage Tank Painting	369
Water Strategic Plan	345
Water System Security	377
Withernsea WTP	360
WTR Infrastr Up/Retro	356

Project	Project Class Summary - Project Listing							Coun	cil Approved
Project	Project Title	Total	Prior	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021
Project	Class Water								
W744400	Exist Well Redev/Repl	\$16,041,396	\$6,441,396	\$1,600,000	\$1,600,000	\$1,600,000	\$1,600,000	\$1,600,000	\$1,600,000
W778400	TM Odenton to GB High P Zone	\$23,743,000	\$24,393,000	(\$650,000)	\$0	\$0	\$0	\$0	\$0
W778600	Crofton Meadows II WTP Upgr	\$41,197,000	\$38,397,000	\$800,000	\$2,000,000	\$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	\$4,798,424	\$2,698,424	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000
W793400	Disney Road Booster Station	\$5,767,000	\$6,347,000	(\$580,000)	\$0	\$0	\$0	\$0	\$0
W799400	Severndale WTP Upgrade PH III	\$6,005,000	\$3,485,000	\$2,520,000	\$0	\$0	\$0	\$0	\$0
W799600	Elevated Water Storage	\$67,032,827	\$50,889,827	(\$1,440,000)	\$8,595,000	\$8,988,000	\$0	\$0	\$0
W800300	Balto City Water Main Rpr	\$12,270,000	\$14,270,000	(\$2,000,000)	\$0	\$0	\$0	\$0	\$0
W801000	350 Zone Improvements	\$4,807,000	\$5,021,000	(\$214,000)	\$0	\$0	\$0	\$0	\$0
W801300	16" Reidel to Rte 3	\$2,957,100	\$2,460,100	\$497,000	\$0	\$0	\$0	\$0	\$0
W801400	Crofton Meadows II Exp Ph 2	\$38,132,000	\$5,268,000	\$0	\$0	\$16,432,000	\$16,432,000	\$0	\$0
W801600	TM-MD Rte 32 @ Meade	\$14,448,800	\$8,549,800	\$0	\$5,899,000	\$0	\$0	\$0	\$0
W801700	Glen Burnie High Zone	\$5,647,000	\$5,403,000	\$244,000	\$0	\$0	\$0	\$0	\$0
W803300	WTR Infrastr Up/Retro	\$6,293,465	\$3,193,465	\$600,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
W803600	East/West TM - North	\$35,671,000	\$19,620,000	(\$385,000)	\$16,436,000	\$0	\$0	\$0	\$0
W803700	Sylvan Shores Water	\$4,600,000	\$4,500,000	\$100,000	\$0	\$0	\$0	\$0	\$0
W804000	Broad Creek WTP Exp	\$26,344,000	\$26,439,000	(\$95,000)	\$0	\$0	\$0	\$0	\$0
W804200	Withernsea WTP	\$2,292,000	\$7,092,000	(\$4,800,000)	\$0	\$0	\$0	\$0	\$0
W804500	North Co Water Dist Imp	\$7,054,000	\$7,189,000	(\$135,000)	\$0	\$0	\$0	\$0	\$0
W804700	Northeast Water Facility	\$139,000	\$7,651,000	(\$7,512,000)	\$0	\$0	\$0	\$0	\$0
W804900	Petition-Cape St Claire Water	\$240,000	\$300,000	(\$60,000)	\$0	\$0	\$0	\$0	\$0
W805000	Water Fac Emerg Generators	\$16,903,000	\$7,128,000	\$1,955,000	\$1,955,000	\$1,955,000	\$1,955,000	\$1,955,000	\$0
W805200	Old Mill Bottom WTR	\$836,000	\$0	\$836,000	\$0	\$0	\$0	\$0	\$0
W805300	Perch Drive Water Extension	\$625,000	\$0	\$625,000	\$0	\$0	\$0	\$0	\$0
W805400	Pike Drive Water Extension	\$570,000	\$0	\$570,000	\$0	\$0	\$0	\$0	\$0
X733700	Water Main Repl/Recon	\$46,117,444	\$20,917,444	\$4,200,000	\$4,200,000	\$4,200,000	\$4,200,000	\$4,200,000	\$4,200,000

Project	t Class Summary - Proje	ect Listing						Coun	cil Approved
Project	Project Title	Total	Prior	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021
X787000	Water Storage Tank Painting	\$37,702,880	\$21,495,880	\$2,171,000	\$2,834,000	\$2,947,000	\$1,068,000	\$3,673,000	\$3,514,000
Y514200	Routine Water Extensions	\$2,479,892	\$1,479,892	\$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
W777600	Gibson Island WTP Upgr	\$4,273,000	\$4,273,000	\$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	\$6,809,154	\$6,809,154	\$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
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
W804600	Balt City - Fullerton WTP	\$106,000	\$106,000	\$0	\$0	\$0	\$0	\$0	\$0
X764300	Water Proj Planning	\$914,423	\$914,423	\$0	\$0	\$0	\$0	\$0	\$0
Total W	/ater	\$502,045,976	371,710,976	(\$803,000)	\$44,619,000	\$37,222,000	\$26,355,000	\$12,528,000	\$10,414,000

<b>Project Class Summary -</b>	Funding Detail						Coun	cil Approved
Project Project Title	Total	Prior	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021
Project Class Water								
Bonds								
General County Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Bonds	\$428,425,752	\$328,046,992	(\$2,979,240)	\$38,896,000	\$31,499,000	\$21,467,000	\$6,805,000	\$4,691,000
Bonds	\$428,425,752	\$328,046,992	(\$2,979,240)	\$38,896,000	\$31,499,000	\$21,467,000	\$6,805,000	\$4,691,000
PayGo								
Water PayGo	\$60,546,985	\$36,622,985	(\$3,856,000)	\$5,723,000	\$5,723,000	\$4,888,000	\$5,723,000	\$5,723,000
PayGo	\$60,546,985	\$36,622,985	(\$3,856,000)	\$5,723,000	\$5,723,000	\$4,888,000	\$5,723,000	\$5,723,000
Grants & Aid								
Other Fed Grants	\$1,078,240	\$1,347,000	(\$268,760)	\$0	\$0	\$0	\$0	\$0
Other State Grants	\$905,000	\$1,000,000	(\$95,000)	\$0	\$0	\$0	\$0	\$0
Grants & Aid	\$1,983,240	\$2,347,000	(\$363,760)	\$0	\$0	\$0	\$0	\$0
Other								
Developer Contribution	\$430,000	\$430,000	\$0	\$0	\$0	\$0	\$0	\$0
Other Funding Sources	\$0	\$0	\$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	\$2,264,000	\$6,396,000	\$0	\$0	\$0	\$0	\$0
Other	\$11,090,000	\$4,694,000	\$6,396,000	\$0	\$0	\$0	\$0	\$0
Water	\$502,045,976	\$371,710,976	(\$803,000)	\$44,619,000	\$37,222,000	\$26,355,000	\$12,528,000	\$10,414,000

# **Capital Budget and Program**

# W744400 Exist Well Redev/Repl

# **Class: Water**

#### FY2016

# **Council Approved**

# **Description**

Funds were approved and are programmed for existing raw water well redevelopment and for existing well pump replacement. The existing raw water wells have to be redeveloped to maintain pumping rates, screens need to be cleaned, and if necessary, pumps and columns completely replaced.

Redevelopment to continue such that each well is redeveloped approximately once every 10 years. Included in this project is the replacement and/or remediation of existing aging and failing wells as required.

# **Location**

# Countywide

#### **Benefit**

This is an on-going project to investigate and redevelop as needed all existing raw water wells (approximately 56 wells) to ensure that all wells will continue to operate at optimum rates.

#### **Amendment History**

Prior approval has been adjusted to show the closing of jobs on this project. County Council removed \$2.5m via AMD #149, \$3,140,000 via AMD #195, and added \$640k/year for Fys 17-21 via AMD #199 to Bill 29-15.

Prior Year			Prior	Budget		Capital Program (\$000)				
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$2,288,359	Plans and Engineering	\$2,588,359	\$788,359	\$300,000	\$300	\$300	\$300	\$300	\$300	
\$0	Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$11,200,630	Construction	\$12,445,630	\$5,225,630	\$1,245,000	\$1,195	\$1,195	\$1,195	\$1,195	\$1,195	
\$939,407	Overhead	\$994,407	\$414,407	\$55,000	\$105	\$105	\$105	\$105	\$105	
\$13,000	Furn., Fixtures and Equip.	\$13,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$14,441,396	Total	\$16,041,396	\$6,441,396	\$1,600,000	\$1,600	\$1,600	\$1,600	\$1,600	\$1,600	
More	(Less) Than Prior Year Program:	\$1,600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,600	Multi-Yr

# **Capital Budget and Program**

#### Exist Well Redev/Repl **Council Approved** W744400 Class: Water FY2016

#### **Project Status**

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Warranty for W744461; Complete Construction for W744462, W7444-Croft Mead 4, W7444-Croft Mead 6, and W7444-Arn Wells Elec; Complete Design and Begin Construction for W7444-Croft Mead 7; Design for W7444-Croft Mead 8 & Croft Mead 9.
- 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 FY21 Funding.
- 3. Change In Scope: None
- 4. Change In Timing: None

Estimated Operating Budget Impact: None

Initial	<b>Total</b>	Proi	ect Cos	t Estimate
---------	--------------	------	---------	------------

FY 1987	\$4,380,000		Expende
		April 1, 2014	\$981,34
		April 1, 2015	\$2,012,69

**Encumbered** Total 343 \$1,574,504 \$2,555,847 \$2,012,692 \$1,748,964 \$3,761,657

**Financial Activity** 

#### **Planning Advisory Board Recommendation**

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year			Prior Approval	Budget	Capital Program (\$000)					Beyond
Project Total	Funding	Project Total		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$3,456,770	Water Bonds	\$7,726,770	\$1,856,770	\$1,070,000	\$960	\$960	\$960	\$960	\$960	
\$10,984,627	Water PayGo	\$5,314,627	\$4,584,627	(\$2,470,000)	\$640	\$640	\$640	\$640	\$640	
	Bond Premium	\$3,000,000	\$0	\$3,000,000	\$0	\$0	\$0	\$0	\$0	
\$14,441,396	Total	\$16,041,396	\$6,441,396	\$1,600,000	\$1,600	\$1,600	\$1,600	\$1,600	\$1,600	
More	e (Less) Than Prior Year Program:	\$1,600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,600	Multi-Yr

# **Capital Budget and Program**

W778400 TM Odenton to GB High P Zone

**Class: Water** 

FY2016 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.

# ROUT DESTRUCTION OF THE PROPERTY OF THE PROPER

#### **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			Prior Approval	Budget		Beyond				
Project Total	Phase	Project Total		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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
\$22,037,000	Construction	\$21,387,000	\$22,037,000	(\$650,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$591,000	Overhead	\$591,000	\$591,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$24,393,000	Total	\$23,743,000	\$24,393,000	(\$650,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	(\$650,000)	\$0	(\$650,000)	\$0	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

W778400 TM Odenton to GB High P Zone Class: Water FY2016 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, 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**

# **Financial Activity**

# <u>Planning Advisory Board Recommendation</u> The PAB Recommendation is identical to the County

FY 1996 \$1,336,000 Expended Encumbered Total

April 1, 2014 \$20,110,239 \$908,725 \$21,018,963

April 1, 2015 \$21,213,978 \$463,088 \$21,677,066

Executive's Proposal.

Prior Year			Prior	Budget	Capital Program (\$000)					Beyond
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$24,393,000	Water Bonds	\$23,743,000	\$24,393,000	(\$650,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Water PayGo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$24,393,000	Total	\$23,743,000	\$24,393,000	(\$650,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	(\$650,000)	\$0	(\$650,000)	\$0	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

# W778600 Crofton Meadows II WTP Upgr

# FY2016

# **Council Approved**

# **Description**

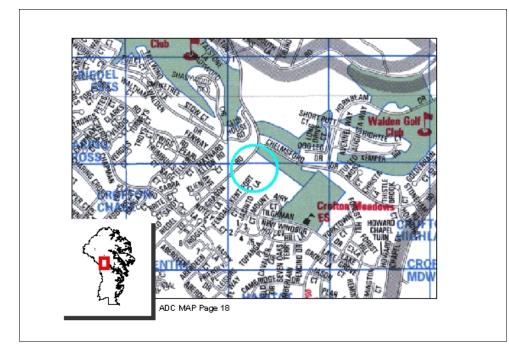
Funds are programmed to increase the capacity of the Crofton Meadows II WTP from 5 to 15 mgd by adding additional sedimentation basins, filters, and raw water wells.

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			Prior	Budget	Capital Program (\$000)					Beyond
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$3,883,000	Plans and Engineering	\$4,627,000	\$3,883,000	\$744,000	\$0	\$0	\$0	\$0	\$0	\$0
\$662,000	Land	\$662,000	\$662,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$31,442,000	Construction	\$33,302,000	\$31,442,000	\$0	\$1,860	\$0	\$0	\$0	\$0	\$0
\$2,410,000	Overhead	\$2,606,000	\$2,410,000	\$56,000	\$140	\$0	\$0	\$0	\$0	\$0
\$38,397,000	Total	\$41,197,000	\$38,397,000	\$800,000	\$2,000	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$2,800,000	\$0	\$800,000	\$2,000	\$0	\$0	\$0	\$0	\$0

**Class: Water** 

# **Capital Budget and Program**

W778600 Crofton Meadows II WTP Upgr Class: Water FY2016 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: 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	<b>Project Cost</b>	Estimate

#### Financial Activity

#### **Planning Advisory Board Recommendation**

FY 1996	\$6,670,200		Expended	Encumbered	Total	The PAB Recommendation is identical to the County
		April 1, 2014	\$24,312,125	\$47,532	\$24,359,658	Executive's Proposal.
		April 1, 2015	\$24,651,465	\$43,155	\$24,694,620	

Prior Year			Prior	Budget		Beyond				
Project Total Funding	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$38,397,000	Water Bonds	\$41,197,000	\$38,397,000	\$800,000	\$2,000	\$0	\$0	\$0	\$0	\$0
\$38,397,000	Total	\$41,197,000	\$38,397,000	\$800,000	\$2,000	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	\$2,800,000	\$0	\$800,000	\$2,000	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

# W778800 Water Strategic Plan

# **Class: Water**

#### FY2016

# **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.

# Location

# Countywide

#### **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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget	Capital Program (\$000)					Beyond
				FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$1,850,000	Plans and Engineering	\$1,850,000	\$1,620,000	\$0	\$46	\$46	\$46	\$46	\$46	\$0
\$110,000	Overhead	\$110,000	\$90,000	\$0	\$4	\$4	\$4	\$4	\$4	\$0
\$1,960,000	Total	\$1,960,000	\$1,710,000	\$0	\$50	\$50	\$50	\$50	\$50	\$0
More	(Less) Than Prior Year Program:	\$0	\$0	(\$50,000)	\$0	\$0	\$0	\$0	\$50	\$0

# **Capital Budget and Program**

W778800 Water Strategic Plan Class: Water FY2016 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: Added FY21 Funding
- 3. Change In Scope: None
- 4. Change in Timing: Multi Year

**Estimated Operating Budget Impact: None** 

	Initial Tota	I Project	Cost Es	timate
--	--------------	-----------	---------	--------

#### **Financial Activity**

# Planning Advisory Board Recommendation

FY 1996	\$260,000		Expended	Encumbered	Total
		April 1, 2014	\$1,271,963	\$14,789	\$1,286,752
		April 1, 2015	\$1,279,937	\$38,788	\$1,318,725

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year		Prior		rior Budget	Capital Program (\$000)					Beyond
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$1,960,000	Water PayGo	\$1,960,000	\$1,710,000	\$0	\$50	\$50	\$50	\$50	\$50	\$0
\$1,960,000	Total	\$1,960,000	\$1,710,000	\$0	\$50	\$50	\$50	\$50	\$50	\$0
More	e (Less) Than Prior Year Program:	\$0	\$0	(\$50,000)	\$0	\$0	\$0	\$0	\$50	\$0

# **Capital Budget and Program**

# W787800 Fire Hydrant Rehab

# **Class: Water**

#### FY2016

# **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	Budget		Beyond				
			Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$4,187,518	Construction	\$4,517,518	\$2,537,518	\$330,000	\$330	\$330	\$330	\$330	\$330	
\$260,906	Overhead	\$280,906	\$160,906	\$20,000	\$20	\$20	\$20	\$20	\$20	
\$4,448,424	Total	\$4,798,424	\$2,698,424	\$350,000	\$350	\$350	\$350	\$350	\$350	
More	(Less) Than Prior Year Program:	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$350	Multi-Yr

# **Capital Budget and Program**

#### **Council Approved** W787800 Fire Hydrant Rehab Class: Water FY2016

#### **Project Status**

**Prior Year** 

**Project Total** 

\$4,448,424

\$4,448,424

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Completed Construction of Phase 23. Approximately 17,000 fire hydrants have been rehabilitated or replaced through this project to date.
- 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 FY21 funding.
- 3. Change In Scope: None
- 4. Change In Timing: None

Estimated Operating Budget Impact: None

	Initial To	otal Pro	ject Cost	<b>Estimate</b>
--	------------	----------	-----------	-----------------

FΥ	1998	\$1,400,000	

**Funding** 

Water Bonds

Water PayGo

**Bond Premium** 

**Total** 

More (Less) Than Prior Year Program:

April 1	, 2014

April 1, 2015

**Project Total** 

\$840,000

\$3,958,424

\$4,798,424

\$350,000

Prior

Approval

\$2,698,424

\$2,698,424

\$0

\$0

\$0

\$1,450,199 \$1,568,948

Expended

**Budget** 

FY2016

\$140,000

\$210,000

\$350,000

\$0

\$0

**Encumbered** 

**Financial Activity** 

\$373,720 \$1,823,919

\$485,315 \$2,054,264

Total

# **Planning Advisory Board Recommendation**

The PAB Recommendation is identical to the County Executive's Proposal.

		Beyond			
FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$140	\$140	\$140	\$140	\$140	
\$210	\$210	\$210	\$210	\$210	
\$0	\$0	\$0	\$0	\$0	
\$350	\$350	\$350	\$350	\$350	
\$0	\$0	\$0	\$0	\$350	Multi-Yr

# **Capital Budget and Program**

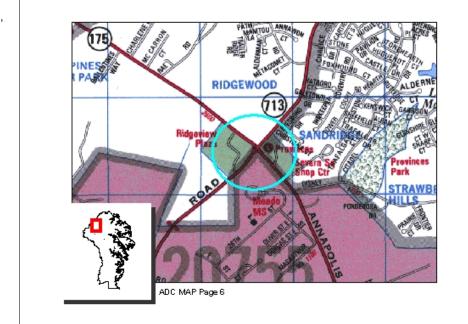
# W793400 Disney Road Booster Station

# **Class: Water**

# FY2016 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			Prior Approval	Budget	Capital Program (\$000)					Beyond
Project Total	Phase	Project Total		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$479,000	Plans and Engineering	\$479,000	\$479,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$53,000	Land	\$53,000	\$53,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,450,000	Construction	\$4,870,000	\$5,450,000	(\$580,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$365,000	Overhead	\$365,000	\$365,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,347,000	Total	\$5,767,000	\$6,347,000	(\$580,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	(\$580,000)	\$0	(\$580,000)	\$0	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

W793400 **Disney Road Booster Station** FY2016 **Council Approved** Class: Water

#### **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	t Estimata	

# Initial Total Project Cost Estimate

# FY 1999 \$1,000 April 1, 2014

# April 1, 2015

# \$4,146,811

#### Expended **Encumbered** Total

#### \$562,579 \$3,500,963 \$4,063,542

\$293,909 \$4,440,721

**Financial Activity** 

# **Planning Advisory Board Recommendation**

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year			Prior Approval	Budget		Beyond				
Project Total	Funding	Project Total		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$6,347,000	Water Bonds	\$5,767,000	\$6,347,000	(\$580,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Other Funding Sources	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,347,000	Total	\$5,767,000	\$6,347,000	(\$580,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	(\$580,000)	\$0	(\$580,000)	\$0	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

# W799400 Severndale WTP Upgrade PH III

# **Class: Water**

# FY2016 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.

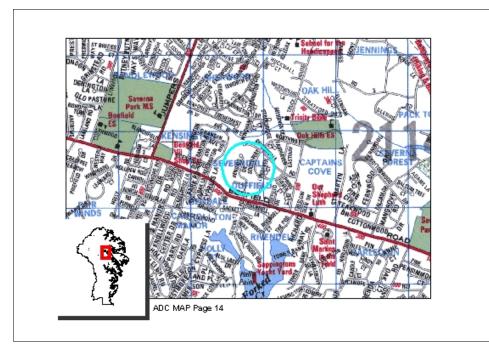
Project description amended in FY16 to include Water Treatment Plant Filter Rehabilitation and Severndale Water Booster Pump Station Process Control System.

#### **Benefit**

Improved water quality, system reliability and public safety.

# **Amendment History**

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



Prior Year	Phase		Prior	Budget	Capital Program (\$000)					Beyond
Project Total		Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$420,000	Plans and Engineering	\$715,000	\$420,000	\$295,000	\$0	\$0	\$0	\$0	\$0	\$0
\$5,000	Land	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,864,000	Construction	\$4,992,000	\$2,864,000	\$2,128,000	\$0	\$0	\$0	\$0	\$0	\$0
\$196,000	Overhead	\$293,000	\$196,000	\$97,000	\$0	\$0	\$0	\$0	\$0	\$0
\$3,485,000	Total	\$6,005,000	\$3,485,000	\$2,520,000	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$2,520,000	\$0	\$2,520,000	\$0	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

# W799400 Severndale WTP Upgrade PH III Class: Water FY2016 Council Approved

#### **Project Status**

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current FY: Complete Design of Water Treament Plant Process Control, Initiate Construction.
- 3. Action Required To Complete This Project: Construction and Performance of Water Treatment Plant Process Control Upgrade; Design, Construction, and Performance of Water Booster Station Process Control Upgrade; Rehabilitate Water Treament Plant Filters.

#### **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	<b>Project Cost</b>	Fstimate
miliai Totai	1 TOJCCL COS	Lotimate

#### Financial Activity

# **Planning Advisory Board Recommendation**

FY 2003	\$300,000		Expended	Encumbered	Total
		April 1, 2014	\$2,670,617	\$25,121	\$2,695,738
		April 1, 2015	\$2 699 590	\$219 985	\$2 919 575

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year	Funding			Budget		Beyond				
Project Total		Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$3,485,000	Water Bonds	\$6,005,000	\$3,485,000	\$2,520,000	\$0	\$0	\$0	\$0	\$0	\$0
\$3,485,000	Total	\$6,005,000	\$3,485,000	\$2,520,000	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$2,520,000	\$0	\$2,520,000	\$0	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

# W799600 Elevated Water Storage

# **Class: Water**

#### FY2016 C

# **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			Prior Approval	Budget FY2016		Capital Program (\$000)				
Project Total	Phase	Project Total			FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$6,051,258	Plans and Engineering	\$4,225,880	\$3,524,880	\$0	\$701	\$0	\$0	\$0	\$0	
\$11,352,000	Land	\$3,587,000	\$3,587,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$79,343,000	Construction	\$55,905,242	\$39,865,242	\$0	\$7,481	\$8,559	\$0	\$0	\$0	
\$7,389,938	Overhead	\$3,314,705	\$3,912,705	(\$1,440,000)	\$413	\$429	\$0	\$0	\$0	
3104,136,196	Total	\$67,032,827	\$50,889,827	(\$1,440,000)	\$8,595	\$8,988	\$0	\$0	\$0	
More	(Less) Than Prior Year Program:	(\$37,103,369)	(\$769,369)	(\$15,301,000)	(\$160)	(\$371)	(\$9,997)	(\$10,505)	\$0	Multi-Yr

# **Capital Budget and Program**

#### W799600 **Elevated Water Storage** Class: Water FY2016 **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, Odenton and Heritage Harbor Pressure Zone Tanks and associated water mains; Initiated construction of Odenton and Glen Burnie High Pressure Zone Tanks.
- 3. Action Required To Complete This Project: Multi-Year

**Initial Total Project Cost Estimate** 

#### **Change from Prior Year**

1. Change In Name Or Description: Construction of Elevated Water Storage Tanks in accordance with the Strategic Water Plan.

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

- 2. Change In Total Project Cost: Reduced FY 18 Funding and Eliminated FY 19-20 Funding.
- 3. Change In Scope: None
- 4. Change In Timing: Multi-Year

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

#### **Financial Activity**

#### **Planning Advisory Board Recommendation**

FY 2003	\$3,080,000		Expended	Encumbered	Total
		April 1, 2014	\$15,060,361	\$5,468,273	\$20,528,634
		April 1, 2015	\$18,473,193	\$9,266,946	\$27,740,139

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year			Prior	Budget	Capital Program (\$000)					
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	
\$0	General County Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3104,136,196	Water Bonds	\$67,032,827	\$50,889,827	(\$1,440,000)	\$8,595	\$8,988	\$0	\$0	\$0	
-		_								

3104,136,196 \$8,595 \$0 \$67,032,827 \$50,889,827 (\$1,440,000)\$8,988 \$0 \$0 **Total** More (Less) Than Prior Year Program: (\$37,103,369)(\$769,369) (\$15,301,000)(\$160)(\$371)(\$9,997)(\$10,505)\$0 Multi-Yr

Beyond 6 Years

# **Capital Budget and Program**

# W800300 Balto City Water Main Rpr

# Class: Water

#### FY2016 Coun

# **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.

Poritons of this project will be under taken as a joint venture with Baltimore City and Balitmore 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			Prior Approval	Budget FY2016		Capital Program (\$000)					
Project Total	Phase	Project Total			FY2017	FY2018	FY2019	FY2020	FY2021	6 Years	
\$1,439,000	Plans and Engineering	\$1,159,000	\$1,439,000	(\$280,000)	\$0	\$0	\$0	\$0	\$0	\$0	
\$96,000	Land	\$96,000	\$96,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$9,434,000	Construction	\$7,854,000	\$9,434,000	(\$1,580,000)	\$0	\$0	\$0	\$0	\$0	\$0	
\$550,000	Overhead	\$410,000	\$550,000	(\$140,000)	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,751,000	Other	\$2,751,000	\$2,751,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$14,270,000	Total	\$12,270,000	\$14,270,000	(\$2,000,000)	\$0	\$0	\$0	\$0	\$0	\$0	
More	(Less) Than Prior Year Program:	(\$2,000,000)	\$0	(\$2,000,000)	\$0	\$0	\$0	\$0	\$0	\$0	

# **Capital Budget and Program**

W800300 **Balto City Water Main Rpr** FY2016 **Council Approved** Class: Water

#### **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 Responsiblities**

#### **Change from Prior Year**

- 1. Change In Narme Or Description: None
- 2. Change In Total Project Cost: Decrease based on available balance.
- 3. Change In Scope: None
- 4. Change In Timing: None

Estimated Operating Budget Impact: None

Initial T	otal Pro	iect Cost	Estimate
-----------	----------	-----------	----------

# **Financial Activity**

#### **Planning Advisory Board Recommendation**

FY 2004	\$2,520,000		Encumbered	Total	
		April 1, 2014	\$6,492,519	\$84,530	\$6,577,049
		April 1, 2015	\$6,492,474	\$84,530	\$6,577,004

The PAB Recommendation is identical to the County Executive's Proposal.

April 1, 2015	\$6,492,474	\$84,530	\$6,577,004

Prior Year		Prio	Prior	Prior Budget		Beyond				
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$14,270,000	Water Bonds	\$12,270,000	\$14,270,000	(\$2,000,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$14,270,000	Total	\$12,270,000	\$14,270,000	(\$2,000,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	(\$2,000,000)	\$0	(\$2,000,000)	\$0	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

# W801000 350 Zone Improvements

# **Class: Water**

#### FY2016

# **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.

# Location

# Countywide

#### **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			Prior	Budget	Capital Program (\$000)					Beyond
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$481,000	Plans and Engineering	\$481,000	\$481,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$10,000	Land	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,157,000	Construction	\$3,943,000	\$4,157,000	(\$214,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$373,000	Overhead	\$373,000	\$373,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,021,000	Total	\$4,807,000	\$5,021,000	(\$214,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	(\$214,000)	\$0	(\$214,000)	\$0	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

W801000 350 Zone Improvements Class: Water FY2016 Council Approved

# **Project Status**

1. Current Status Of This Project: Pending Closed

2. Action Taken In Current Fiscal Year: None

3. Action Required To Complete This Project: None

#### **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	Drainet	Cact	Estimate
шшаі	LULAI	FIUIECL	CUSI	Estilliate

#### <u>itial Total Project Cost Estimate</u>

# FY 2010 \$3,061,000 April 1, 2014 April 1, 2015

# Financial Activity

# Expended Encumbered Total \$4,650,063 \$285,692 \$4,935,754 \$4,700,808 \$20,828 \$4,721,636

#### **Planning Advisory Board Recommendation**

The PAB Recommendation is identical to the County Executive's Proposal.

754 Executive 31 Topo

Prior Year			Prior	Budget	Capital Program (\$000)					Beyond
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$5,021,000	Water Bonds	\$4,807,000	\$5,021,000	(\$214,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$5,021,000	Total	\$4,807,000	\$5,021,000	(\$214,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	(\$214,000)	\$0	(\$214,000)	\$0	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

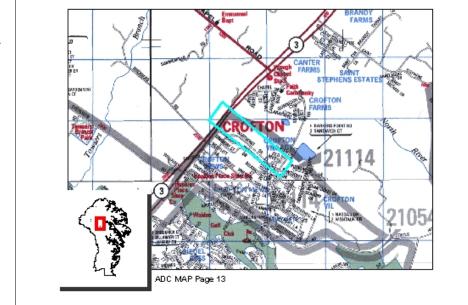
W801300 16" Reidel to Rte 3

**Class: Water** 

FY2016 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.

Prior Year			Prior	Budget	Capital Program (\$000)					Beyond
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$232,000	Plans and Engineering	\$345,000	\$232,000	\$113,000	\$0	\$0	\$0	\$0	\$0	\$0
\$62,000	Land	\$1,000	\$62,000	(\$61,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,004,100	Construction	\$2,418,100	\$2,004,100	\$414,000	\$0	\$0	\$0	\$0	\$0	\$0
\$162,000	Overhead	\$193,000	\$162,000	\$31,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,460,100	Total	\$2,957,100	\$2,460,100	\$497,000	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$497,000	\$0	\$497,000	\$0	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

W801300 16" Reidel to Rte 3 Class: Water FY2016 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: 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	
IIIItiai Totai	1 10 00t 000t Estimate	

# Financial Activity

# **Planning Advisory Board Recommendation**

FY 2010	\$1,430,100		Expended	Encumbered	Total
		April 1, 2014	\$231,614	\$268,905	\$500,519
		April 1, 2015	\$291,475	\$274,580	\$566,055

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year			Prior	Budget		Beyond				
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$1,855,100	Water Bonds	\$1,855,100	\$1,855,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$605,000	Water PayGo	\$559,000	\$605,000	(\$46,000)	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$543,000	\$0	\$543,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,460,100	Total	\$2,957,100	\$2,460,100	\$497,000	\$0	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	\$497,000	\$0	\$497,000	\$0	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

# W801400 Crofton Meadows II Exp Ph 2

# FY2016

# Council Approved

# **Description**

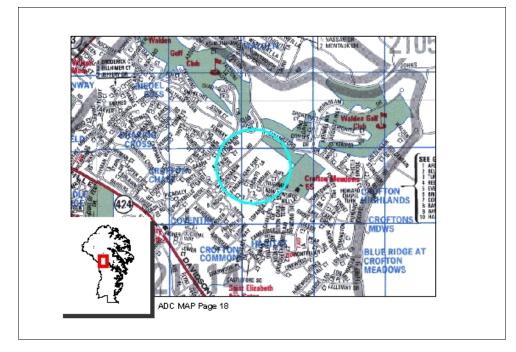
This project will provide funding to increase the capacity of the Crofton Meadows II WTP from 15 to 25 MGD by adding additional sedimentation basins, filters and raw water wells. Well field will be increased from 15 to 21.5 MGD.

Two year construction funding programmed for FY13 and FY14.

#### **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	Phase		Prior Approval	Budget		Beyond				
Project Total		Project Total		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$4,598,000	Plans and Engineering	\$4,598,000	\$4,598,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$382,000	Land	\$382,000	\$382,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$31,600,000	Construction	\$31,600,000	\$0	\$0	\$0	\$15,800	\$15,800	\$0	\$0	\$0
\$1,552,000	Overhead	\$1,552,000	\$288,000	\$0	\$0	\$632	\$632	\$0	\$0	\$0
\$38,132,000	Total	\$38,132,000	\$5,268,000	\$0	\$0	\$16,432	\$16,432	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$0	\$0	(\$16,432,000)	(\$16,432)	\$16,432	\$16,432	\$0	\$0	\$0

**Class: Water** 

# **Capital Budget and Program**

W801400 Crofton Meadows II Exp Ph 2 Class: Water FY2016 Council Approved

#### **Project Status**

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Well Siting Studies Ongoing
- 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: None
- 2. Change In Total Project Cost: None
- 3. Change In Scope: None
- 4. Change In Timing: Plant Expansion Funding Deferred to FY18 and FY19

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

<u>Initial</u>	Total Project Cost Estimate		Financial Activity					Planning Advisory Board Recommendation					
FY 20	010 \$37,942,000			Expended	Encumbered	Total		The PAB Recommendation is identic Executive's Proposal.			he County		
		A	oril 1, 2014	\$3,767	\$0	\$3,7	67 Ex	ecutive's Prop	osal.				
		Α	pril 1, 2015	\$3,932	\$0	\$3,9	32						
Prior Year			Prior	Budget			Capital Program (\$000)				Beyond		
Project Total	Funding	Project Total	Approval	FY	<b>/2016</b>	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years		
\$38,132,000	Water Bonds	\$38,132,000	\$5,268,000		\$0	\$0	\$16,432	\$16,432	\$0	\$0	\$0		
\$38,132,000	Total	\$38,132,000	\$5,268,000		\$0	\$0	\$16,432	\$16,432	\$0	\$0	\$0		
More (Less) Than Prior Year Program:		\$0	\$0	(\$16,43	32,000)	(\$16,432)	\$16,432	\$16,432	\$0	\$0	\$0		

# **Capital Budget and Program**

#### W801600 TM-MD Rte 32 @ Meade

#### **Class: Water**

# FY2016 Council Approved

#### Description

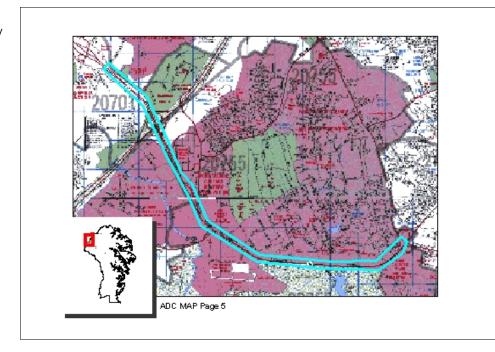
This project provides for the design, right of way acquisition, and construction of approximately 28,000 linear feet of 24-inch water transmission main. Phase I includes approximately 16,200 linear feet of pipeline and extends from the intersection of Brockbridge Road and Guilford Road, along Guilford 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.



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			Prior Approval	Budget		Beyond				
Project Total	Phase	Project Total		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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
\$744,800	Overhead	\$689,800	\$407,800	\$0	\$282	\$0	\$0	\$0	\$0	\$0
\$14,503,800	Total	\$14,448,800	\$8,549,800	\$0	\$5,899	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	(\$55,000)	\$0	(\$5,954,000)	\$5,899	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

**Council Approved** W801600 TM-MD Rte 32 @ Meade Class: Water FY2016

#### **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 FY17.

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

Initial	Total	Project	Cost	Estimate	
initiai	Total	Project	COST	Estimate	

#### **Financial Activity** FY 2010 \$14,166,800

April 1, 2014

April 1, 2015

Expended **Encumbered** Total \$116,414 \$755,397 \$871,811 \$231,522 \$648,172 \$879,694 **Planning Advisory Board Recommendation** 

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year		Prior		Budget			Beyond			
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$14,503,800	Water Bonds	\$14,448,800	\$8,549,800	\$0	\$5,899	\$0	\$0	\$0	\$0	\$0
\$14,503,800	Total	\$14,448,800	\$8,549,800	\$0	\$5,899	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	(\$55,000)	\$0	(\$5,954,000)	\$5,899	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

# W801700 Glen Burnie High Zone

#### **Class: Water**

#### FY2016

# **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 Qregon 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.

# <u>Location</u>

# Countywide

#### **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	Phase		Prior	Budget		Beyond				
Project Total		Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$784,000	Plans and Engineering	\$828,000	\$784,000	\$44,000	\$0	\$0	\$0	\$0	\$0	\$0
\$33,000	Land	\$33,000	\$33,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,330,000	Construction	\$4,478,000	\$4,330,000	\$148,000	\$0	\$0	\$0	\$0	\$0	\$0
\$256,000	Overhead	\$308,000	\$256,000	\$52,000	\$0	\$0	\$0	\$0	\$0	\$0
\$5,403,000	Total	\$5,647,000	\$5,403,000	\$244,000	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$244,000	\$0	\$244,000	\$0	\$0	\$0	\$0	\$0	\$0

# **Capital Budget and Program**

Glen Burnie High Zone **Council Approved** W801700 Class: Water FY2016

#### **Project Status**

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Construction
- 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: Increase Based on Current 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	

#### **Financial Activity** FY 2010 \$5,403,000 Expended **Encumbered**

April 1, 2014

April 1, 2015

Total \$465,800 \$481,882 \$947,682

\$469,539

\$955,698

The PAB Recommendation is identical to the County Executive's Proposal.

**Planning Advisory Board Recommendation** 

Prior Year			Prior	Budget		Beyond				
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$5,403,000	Water Bonds	\$5,647,000	\$5,403,000	\$244,000	\$0	\$0	\$0	\$0	\$0	\$0
\$5,403,000	Total	\$5,647,000	\$5,403,000	\$244,000	\$0	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	\$244,000	\$0	\$244,000	\$0	\$0	\$0	\$0	\$0	\$0

\$486,159

# **Capital Budget and Program**

# W803300 WTR Infrastr Up/Retro

# **Class: Water**

#### FY2016

# **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 reliaibility and performance.

# **Amendment History**

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

Prior Year			Prior	Budget	Capital Program (\$000)					
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$1,202,104	Plans and Engineering	\$1,302,104	\$702,104	\$100,000	\$100	\$100	\$100	\$100	\$100	
\$4,371,357	Construction	\$4,611,162	\$2,296,162	\$465,000	\$370	\$370	\$370	\$370	\$370	
\$359,859	Overhead	\$380,199	\$195,199	\$35,000	\$30	\$30	\$30	\$30	\$30	
\$5,933,319	Total	\$6,293,465	\$3,193,465	\$600,000	\$500	\$500	\$500	\$500	\$500	
More	(Less) Than Prior Year Program:	\$360,146	(\$239,854)	\$100,000	\$0	\$0	\$0	\$0	\$500	Multi-Yr

## **Capital Budget and Program**

## W803300 WTR Infrastr Up/Retro Class: Water FY2016 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 \$600,000 for FY16; Added FY21 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	Expended	Encumbered	
				_

 Expended
 Encumbered
 Total

 \$1,459,457
 \$1,224,173
 \$2,683,630

The PAB Recommendation is identical to the County Executive's Proposal.

**Planning Advisory Board Recommendation** 

 April 1, 2014
 \$1,459,457
 \$1,224,173
 \$2,683,630

 April 1, 2015
 \$2,134,405
 \$836,579
 \$2,970,984

**Financial Activity** 

Prior Year			Prior	Budget		Beyond				
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$1,217,464	Water Bonds	\$1,417,464	\$717,464	\$200,000	\$100	\$100	\$100	\$100	\$100	
\$4,715,855	Water PayGo	\$4,176,001	\$2,476,001	(\$300,000)	\$400	\$400	\$400	\$400	\$400	
	Bond Premium	\$700,000	\$0	\$700,000	\$0	\$0	\$0	\$0	\$0	
\$5,933,319	Total	\$6,293,465	\$3,193,465	\$600,000	\$500	\$500	\$500	\$500	\$500	
Mor	e (Less) Than Prior Year Program:	\$360,146	(\$239,854)	\$100,000	\$0	\$0	\$0	\$0	\$500	Multi-Yr

## **Capital Budget and Program**

#### W803600 East/West TM - North

#### Class: Water

## FY2016 Council Approved

## **Description**

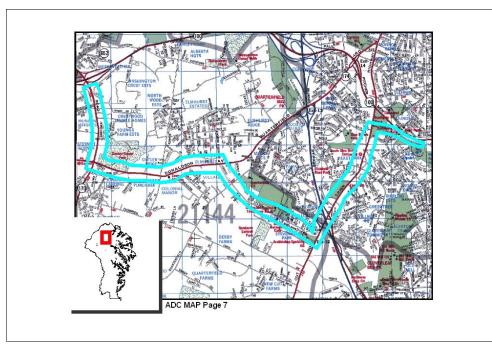
Funds are requested for the design, right of way acquisition and construction of a water transmission main that will transfer water in an easterly-westernly direction in the northern part of Anne Arundel County. Generally, the transmission network will provide improved distribution system conveyance 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			Prior	Budget	Capital Program (\$000)					Beyond
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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	\$28,406,000	\$12,756,000	\$0	\$15,650	\$0	\$0	\$0	\$0	\$0
\$2,401,000	Overhead	\$1,706,000	\$1,305,000	(\$385,000)	\$786	\$0	\$0	\$0	\$0	\$0
\$36,366,000	Total	\$35,671,000	\$19,620,000	(\$385,000)	\$16,436	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	(\$695,000)	\$0	(\$385,000)	(\$310)	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

W803600 East/West TM - North Class: Water FY2016 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: None

**Estimated Operating Budget Impact:** None

## FY 2010 \$19,593,000

# **Expended** \$61,371

**Financial Activity** 

# **Encumbered Total** \$62,211 \$123,582

\$208,010

## The PAB Recommendation is identical to the County Executive's Proposal.

**Planning Advisory Board Recommendation** 

 April 1, 2014
 \$61,371
 \$62,211

 April 1, 2015
 \$118,544
 \$89,465

Prior Year			Prior	Budget	Capital Program (\$000)					Beyond
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$36,366,000	Water Bonds	\$35,671,000	\$19,620,000	(\$385,000)	\$16,436	\$0	\$0	\$0	\$0	\$0
\$36,366,000	Total	\$35,671,000	\$19,620,000	(\$385,000)	\$16,436	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	(\$695,000)	\$0	(\$385,000)	(\$310)	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

## W803700 Sylvan Shores Water

## Class: Water

## FY2016 Council Approved

## **Description**

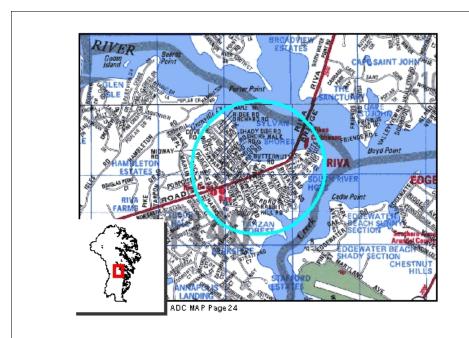
Funds are requested for the design, right of way acquisition and construction of a water distribution system to serve approximately 262 properties within the community of Sylvan Shores. This project is in response to a valid petition for public water service.

#### **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.



Prior Year			Prior Approval	rior Budget		Capital Program (\$000)				
Project Total	Phase	Project Total		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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
\$3,930,000	Construction	\$4,023,000	\$3,930,000	\$93,000	\$0	\$0	\$0	\$0	\$0	\$0
\$320,000	Overhead	\$327,000	\$320,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0
\$4,500,000	Total	\$4,600,000	\$4,500,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$100,000	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

## W803700 Sylvan Shores Water Class: Water FY2016 Council Approved

#### **Project Status**

. Current Status Of This Project: Active

2. Action Taken In Current Fiscal Year: Conditional Acceptance

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: Increase based on current costs

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 April 1, 2014

April 1, 2015

\$2,518,740 \$3,767,617

Expended

**Financial Activity** 

\$1,279,132

\$1,279,132 \$3,797,872 \$412,232 \$4,179,849

Total

## <u>Planning Advisory Board Recommendation</u>

The PAB Recommendation is identical to the County Executive's Proposal.

2

Prior Year		Prior	Prior	Budget	Capital Program (\$000)					Beyond
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$3,500,000	Water Bonds	\$3,695,000	\$3,500,000	\$195,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,000,000	Other State Grants	\$905,000	\$1,000,000	(\$95,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$4,500,000	Total	\$4,600,000	\$4,500,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	\$100,000	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

## W804000 Broad Creek WTP Exp

## **Class: Water**

## FY2016 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.

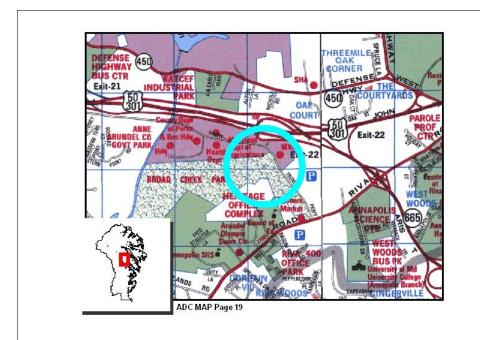
Two year construction funding is programmed over FY10 and FY11.

#### **Benefit**

Expansion of treatment capacity to meet future growth.

## **Amendment History**

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



Prior Year		Prior	Prior	Budget	Capital Program (\$000)					Beyond
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$1,753,000	Plans and Engineering	\$1,753,000	\$1,753,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$275,000	Land	\$275,000	\$275,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$23,035,000	Construction	\$22,940,000	\$23,035,000	(\$95,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,376,000	Overhead	\$1,376,000	\$1,376,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$26,439,000	Total	\$26,344,000	\$26,439,000	(\$95,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	(\$95,000)	\$0	(\$95,000)	\$0	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

W804000 Broad Creek WTP Exp Class: Water FY2016 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.
- 3. Action Required To Complete This Project: Performance of all contracts

#### **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 Pro	ject Cost Estimate
iiiitiai Totai TTO	Cot Oost Estimate

#### **Financial Activity**

#### **Planning Advisory Board Recommendation**

FY 2009	\$25,839,000		Expended	Encumbered	Total
		April 1, 2014	\$5,957,765	\$4,059,864	\$10,017,629
		April 1, 2015	\$9,782,528	\$592,093	\$10,374,620

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Prior Budget		April 1, 2015	\$9,782,528	\$592,093	\$10,374,620
Project Total	Prior Year	Prior	Budg	jet	

Prior Year			Prior	Prior Budget			Capital Program (\$000)				
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years	
\$26,439,000	Water Bonds	\$26,344,000	\$26,439,000	(\$95,000)	\$0	\$0	\$0	\$0	\$0	\$0	
\$26,439,000	Total	\$26,344,000	\$26,439,000	(\$95,000)	\$0	\$0	\$0	\$0	\$0	\$0	
More	e (Less) Than Prior Year Program:	(\$95,000)	\$0	(\$95,000)	\$0	\$0	\$0	\$0	\$0	\$0	

## **Capital Budget and Program**

## W804200 Withernsea WTP

## **Class: Water**

## FY2016 Council Approved

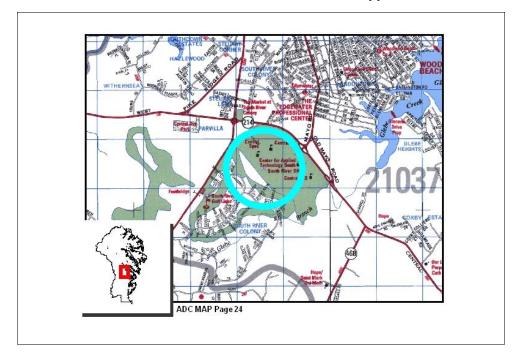
## **Description**

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	1 1111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Prior	Budget		Capit	al Program	(\$000)		Beyond
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	Y2018 FY2019		FY2021	6 Years
\$3,624,000	Plans and Engineering	\$624,000	\$3,624,000	(\$3,000,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$3,066,000	Land	\$1,566,000	\$3,066,000	(\$1,500,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$402,000	Overhead	\$102,000	\$402,000	(\$300,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$7,092,000	Total	\$2,292,000	\$7,092,000	(\$4,800,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	(\$4,800,000)	\$0	(\$4,800,000)	\$0	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

## W804200 Withernsea WTP Class: Water FY2016 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: None

#### **Change from Prior Year**

1. Change in Name or Description: Removed "Two Year Construction Funding is Proposed" from description.

2. Change in Total Project Cost: None

3. Change in Scope: None

4. Change in Timing: Deferred Construction Based On Current Demands

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

#### **Financial Activity Initial Total Project Cost Estimate Planning Advisory Board Recommendation** FY 2009 \$60,471,000 Expended **Encumbered** Total The PAB Recommendation is identical to the County Executive's Proposal. April 1, 2014 \$314,858 \$28,811 \$343,669 April 1, 2015 \$313,944 \$26,379 \$340,323

Prior Year		Prior		Budget	Capital Program (\$000)					Beyond
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$7,092,000	Water Bonds	\$2,292,000	\$7,092,000	(\$4,800,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$7,092,000	Total	\$2,292,000	\$7,092,000	(\$4,800,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	(\$4,800,000)	\$0	(\$4,800,000)	\$0	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

## W804500 North Co Water Dist Imp

## **Class: Water**

## FY2016 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			Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond
Project Total	Phase	Project Total			FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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
\$5,303,000	Construction	\$5,168,000	\$5,303,000	(\$135,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$472,000	Overhead	\$472,000	\$472,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,189,000	Total	\$7,054,000	\$7,189,000	(\$135,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	(\$135,000)	\$0	(\$135,000)	\$0	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

W804500 North Co Water Dist Imp Class: Water FY2016 Council Approved

#### **Project Status**

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Complete Design, Right-of-Way Acquisition, and 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 Pro	oject Cost	<b>Fstimate</b>	
IIIIIII	I Otal I I	Ject Cost	Latimate	

## **Financial Activity**

#### **Planning Advisory Board Recommendation**

FY 2011	\$7,189,000		Expended	Encumbered	Total
		April 1, 2014	\$255,196	\$96,260	\$351,456
		April 1, 2015	\$364,693	\$1,405,934	\$1,770,627

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year			Prior	Budget	Capital Program (\$000)					Beyond
Project Total Funding		Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$7,189,000	Water Bonds	\$7,054,000	\$7,189,000	(\$135,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$7,189,000	Total	\$7,054,000	\$7,189,000	(\$135,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	(\$135,000)	\$0	(\$135,000)	\$0	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

## W804700 Northeast Water Facility

#### **Class: Water**

## FY2016 Council Approved

## **Description**

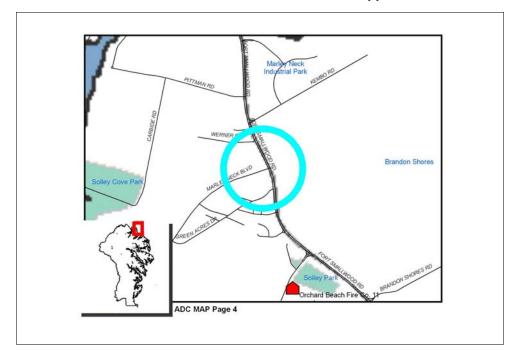
Funds are requested for the design, land acquisition and construction of a new 6.0 MGD water treatment facility located in the northeast portion of Anne Arundel County. The project includes the treatment facility, new well fields, ground storage tank, raw water transmission mains and appurtenances.

Two Year Construction Funding is proposed.



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			Prior	or Budget		Capital Program (\$000)				
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$2,000,000	Plans and Engineering	\$134,000	\$2,000,000	(\$1,866,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,750,000	Land	\$0	\$2,750,000	(\$2,750,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$43,064,000	Construction	\$0	\$2,400,000	(\$2,400,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$3,347,000	Overhead	\$5,000	\$501,000	(\$496,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$51,161,000	Total	\$139,000	\$7,651,000	(\$7,512,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	(\$51,022,000)	\$0	(\$29,267,000)	(\$21,755)	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

## W804700 Northeast Water Facility Class: Water FY2016 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: Removed "Two Year Construction Funding is proposed" from description.

2. Change in Total Project Cost: Deappropriation of unencumbered/unexpended funds

3. Change in Scope: None

4. Change in Timing: None

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

Initial Total P	Initial Total Project Cost Estimate		<u>Financial</u>	<u>Activity</u>		Planning Advisory Board Recommendati		
FY 2011 \$51,161,000			Expended	Encumbered	Total	The PAB Recommendation is ide	ntical to the County	
		April 1, 2014	\$138,564	\$0	\$138,564	Executive's Proposal.		
		April 1, 2015	\$133,235	\$0	\$133,235			
Prior Year		Prior	Ві	udget		Capital Program (\$000)	Beyond	

Prior Year	Funding		Prior Approval	Budget		Capit	al Program (	\$000)		Beyond
Project Total		Project Total		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$51,161,000	Water Bonds	\$139,000	\$7,651,000	(\$7,512,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$51,161,000	Total	\$139,000	\$7,651,000	(\$7,512,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	(\$51,022,000)	\$0	(\$29,267,000)	(\$21,755)	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

## W804900 Petition-Cape St Claire Water

## Class: Water

## FY2016 Council Approved

## **Description**

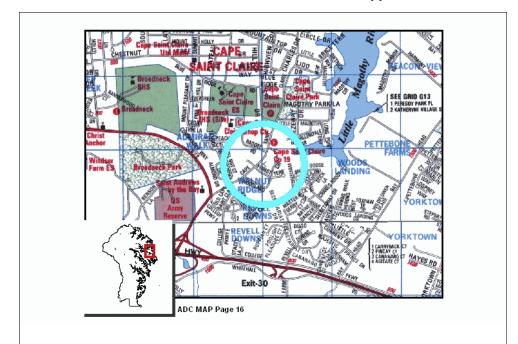
Funds are requested for the design, right of way acquisition and construction of a water extension serving 11 parcels in the Community of Cape St Claire. This project is in response to a valid petition for water service.

#### **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			Prior	Budget		Beyond				
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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
\$220,000	Construction	\$160,000	\$220,000	(\$60,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$20,000	Overhead	\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$300,000	Total	\$240,000	\$300,000	(\$60,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	(\$60,000)	\$0	(\$60,000)	\$0	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

W804900 Petition-Cape St Claire Water Class: Water FY2016 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:** Indeterminate

Initial Tota	I Project	Cost	Estimate
--------------	-----------	------	----------

## FY 2013 \$300,000

#### **Financial Activity**

# Expended Encumbered Total \$141,023 \$33,523 \$174,545

#### **Planning Advisory Board Recommendation**

The PAB Recommendation is identical to the County Executive's Proposal.

 April 1, 2014
 \$141,023
 \$33,523
 \$174,545

 April 1, 2015
 \$139,767
 \$7,853
 \$147,619

Prior Year			Prior	Budget		Capit	al Program (	\$000)		Beyond
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$300,000	Water Bonds	\$240,000	\$300,000	(\$60,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$300,000	Total	\$240,000	\$300,000	(\$60,000)	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	(\$60,000)	\$0	(\$60,000)	\$0	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

## **W805000** Water Fac Emerg Generators

## Class: Water

## FY2016 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 tranmission 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			Prior	Budget		Beyond				
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$1,296,000	Plans and Engineering	\$2,006,000	\$1,011,000	\$199,000	\$199	\$199	\$199	\$199	\$0	\$0
\$30,000	Land	\$45,000	\$20,000	\$5,000	\$5	\$5	\$5	\$5	\$0	\$0
\$7,155,000	Construction	\$13,909,000	\$5,629,000	\$1,656,000	\$1,656	\$1,656	\$1,656	\$1,656	\$0	\$0
\$596,000	Overhead	\$943,000	\$468,000	\$95,000	\$95	\$95	\$95	\$95	\$0	\$0
\$9,077,000	Total	\$16,903,000	\$7,128,000	\$1,955,000	\$1,955	\$1,955	\$1,955	\$1,955	\$0	\$0
More	(Less) Than Prior Year Program:	\$7,826,000	\$0	\$6,000	\$1,955	\$1,955	\$1,955	\$1,955	\$0	\$0

## **Capital Budget and Program**

**Council Approved** W805000 **Water Fac Emerg Generators** FY2016 Class: Water

#### **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: Added FY17 - FY20 Funding

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		Expended	Encumbered	Total
		April 1, 2014	\$6,314	\$255,863	\$262,177
		April 1, 2015	\$168.040	\$110.685	\$278.725

#### **Planning Advisory Board Recommendation**

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year		Project Total	Prior	Budget			Beyond			
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$5,466,000	Water Bonds	\$13,560,760	\$3,517,000	\$2,223,760	\$1,955	\$1,955	\$1,955	\$1,955	\$0	\$0
\$1,347,000	Other Fed Grants	\$1,078,240	\$1,347,000	(\$268,760)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,264,000	Bond Premium	\$2,264,000	\$2,264,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$9,077,000	Total	\$16,903,000	\$7,128,000	\$1,955,000	\$1,955	\$1,955	\$1,955	\$1,955	\$0	\$0
More	(Less) Than Prior Year Program:	\$7,826,000	\$0	\$6,000	\$1,955	\$1,955	\$1,955	\$1,955	\$0	\$0

**Financial Activity** 

## **Capital Budget and Program**

## W805200 Old Mill Bottom WTR

## **Class: Water**

## FY2016 Council Approved

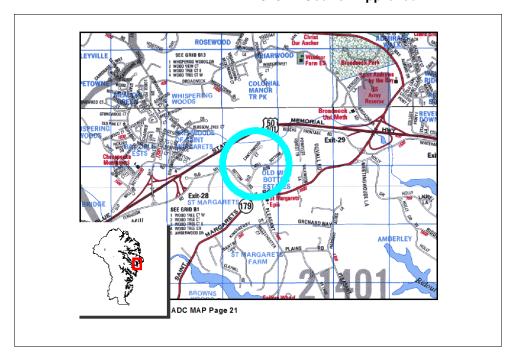
## **Description**

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**



Prior Year			Prior	Budget		Beyond				
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
	Plans and Engineering	\$71,000	\$0	\$71,000	\$0	\$0	\$0	\$0	\$0	\$0
	Land	\$7,000	\$0	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0
	Construction	\$703,000	\$0	\$703,000	\$0	\$0	\$0	\$0	\$0	\$0
	Overhead	\$55,000	\$0	\$55,000	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Total	\$836,000	\$0	\$836,000	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$836,000	\$0	\$836,000	\$0	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

W805200 Old Mill Bottom WTR Class: Water FY2016 Council Approved

**Project Status** 

**Change from Prior Year** 

Project Status:

Change From Prior Year:

1. Current Status Of This Project: New Project

1. Change In Name Or Description: New Project

2. Action Taken In Current Fiscal Year: New Project

2. Change In Total Project Cost: New Project

3. Action Required to Complete This Project: New Project

3. Change In Scope: New Project

4. Change In Timing: New Project

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

<u>Initial</u>	Total Project Cost Estimate	<u>Financial Activity</u>					<u>P</u>	Planning Advisory Board Recommendation					
FY 2	2016 \$836,000			Expended	Encumbered	Total		e PAB Recom		s identical to the	he County		
		Ap	ril 1, 2014	\$0	\$0	)	\$0 Ex	ecutive's Prop	osal.				
		Ap	oril 1, 2015	\$0	\$0		\$0						
Prior Year Project Total	Funding	Project Total	Prior Approval		dget 2016	FY2017	Capi FY2018	tal Program FY2019	(\$000) FY2020	FY2021	Beyond 6 Years		
	Water Bonds	\$836,000	\$0	\$83	6,000	\$0	\$0	\$0	\$0	\$0	\$0		
\$0	Total	\$836,000	\$0	\$83	6,000	\$0	\$0	\$0	\$0	\$0	\$0		
More	e (Less) Than Prior Year Program:	\$836,000	\$0	\$83	6,000	\$0	\$0	\$0	\$0	\$0	\$0		

## **Capital Budget and Program**

## W805300 Perch Drive Water Extension

## **Class: Water**

## FY2016 Council Approved

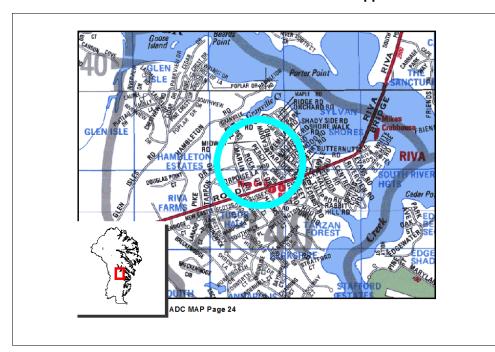
## **Description**

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.

#### **Benefit**

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

## **Amendment History**



Prior Year			Prior	Budget		Capital Program (\$000)					
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years	
	Plans and Engineering	\$54,000	\$0	\$54,000	\$0	\$0	\$0	\$0	\$0	\$0	
	Land	\$7,000	\$0	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	
	Construction	\$523,000	\$0	\$523,000	\$0	\$0	\$0	\$0	\$0	\$0	
	Overhead	\$41,000	\$0	\$41,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$0	Total	\$625,000	\$0	\$625,000	\$0	\$0	\$0	\$0	\$0	\$0	
More	(Less) Than Prior Year Program:	\$625,000	\$0	\$625,000	\$0	\$0	\$0	\$0	\$0	\$0	

## **Capital Budget and Program**

W805300 Perch Drive Water Extension Class: Water FY2016 Council Approved

**Project Status** 

Project Status:

1. Current Status Of This Project: New Project

2. Action Taken In Current Fiscal Year: New Project

3. Action Required To Complete This Project: New Project

**Change from Prior Year** 

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: Less than \$100,000 per year

<u>Initial</u>	Total Project Cost Estimate	Financial Activity						Planning Advisory Board Recommendation						
FY 2	016 \$625,000			Expended	Encumbered	Total		The PAB Recommendation is identical to the County						
		Ap	oril 1, 2014	\$0	\$0		\$0 Ex	Executive's Proposal.						
		April 1, 2015		\$0	\$0 \$0		\$0	0						
Prior Year Project Total	Funding	Project Total	Prior Approval		ıdget '2016	FY2017	Capi FY2018	tal Program (	(\$000) FY2020	FY2021	Beyond 6 Years			
	Water Bonds	\$625,000	\$0	\$62	25,000	\$0	\$0	\$0	\$0	\$0	\$0			
\$0	Total	\$625,000	\$0	\$62	25,000	\$0	\$0	\$0	\$0	\$0	\$0			
More	(Less) Than Prior Year Program:	\$625,000	\$0	\$62	25,000	\$0	\$0	\$0	\$0	\$0	\$0			

## **Capital Budget and Program**

## W805400 Pike Drive Water Extension

## Class: Water

## FY2016 Council Approved

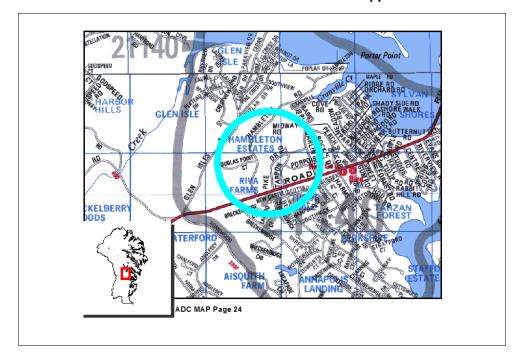
## **Description**

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			Prior	Budget		Capital Program (\$000)					
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years	
	Plans and Engineering	\$49,000	\$0	\$49,000	\$0	\$0	\$0	\$0	\$0	\$0	
	Land	\$7,000	\$0	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	
	Construction	\$477,000	\$0	\$477,000	\$0	\$0	\$0	\$0	\$0	\$0	
	Overhead	\$37,000	\$0	\$37,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$0	Total	\$570,000	\$0	\$570,000	\$0	\$0	\$0	\$0	\$0	\$0	
More	(Less) Than Prior Year Program:	\$570,000	\$0	\$570,000	\$0	\$0	\$0	\$0	\$0	\$0	

## **Capital Budget and Program**

W805400 Pike Drive Water Extension Class: Water FY2016 Council Approved

**Project Status** 

**Change from Prior Year** 

Project Status:

Change From Prior Year:

1. Current Status Of This Project: New Project

1. Change In Name Or Description: New Project

2. Action Taken In Current Fiscal Year: New Project: New Project

2. Change In Total Project Cost: New Project

3. Action Required To Complete This Project: New Project

3. Change In Scope: New Project

4. Change In Timing: New Project

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

<u>Initial</u>	Total Project Cost Estimate	<u>Financial Activity</u>					<u>P</u>	Planning Advisory Board Recommendation					
FY 2	2016 \$570,000			Expended	Encumbered	Total		e PAB Recom		s identical to the	he County		
		Ap	ril 1, 2014	\$0	\$0	)	\$0 Ex	ecutive's Prop	osal.				
		Ap	oril 1, 2015	\$0	\$0		\$0						
Prior Year Project Total	Funding	Project Total	Prior Approval		idget '2016	FY2017	Capi FY2018	tal Program FY2019	(\$000) FY2020	FY2021	Beyond 6 Years		
	Water Bonds	\$570,000	\$0	\$57	0,000	\$0	\$0	\$0	\$0	\$0	\$0		
\$0	Total	\$570,000	\$0	\$57	70,000	\$0	\$0	\$0	\$0	\$0	\$0		
More	e (Less) Than Prior Year Program:	\$570,000	\$0	\$57	0,000	\$0	\$0	\$0	\$0	\$0	\$0		

## **Capital Budget and Program**

## X733700 Water Main Repl/Recon

#### **Class: Water**

#### FY2016

#### **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.

## <u>Location</u>

Countywide

#### **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.

Prior Year			Prior Approval	Budget		Beyond				
	Phase	Project Total		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$42,568,694	Other	\$46,117,444	\$20,917,444	\$4,200,000	\$4,200	\$4,200	\$4,200	\$4,200	\$4,200	
\$42,568,694	Total	\$46,117,444	\$20,917,444	\$4,200,000	\$4,200	\$4,200	\$4,200	\$4,200	\$4,200	
More	(Less) Than Prior Year Program:	\$3,548,751	(\$651,249)	\$0	\$0	\$0	\$0	\$0	\$4,200	Multi-Yr

## **Capital Budget and Program**

## X733700 Water Main Repl/Recon Class: Water FY2016 Council Approved

#### **Project Status**

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Replaced 24,300 If of 4"-12" water mains and cleaned and lined 22,000 If of 4"-12" water mains throughout the County. Cleared 21,426 If of right-of-way over water lines. Replaced 4,700 water meters with radio-read technology meters. Provided meter boxes, lids, and misc water construction materials in support of Maintenance Department operations. Designed the cleaning and lining of approximately 10,890 If of 6", 4,240 If of 8", and 2,725 If of 10" water line in North Severna Park, Robinson Knolls. Replaced existing bonnet bolts with stainless steel bonnet bolts Countywide. Replaced a 100' long, 36" water main connector with a 16" connector to improve water hydraulics in Severna Park.
- 3. Action Required To Complete This Project: Mulit-Year

#### **Change from Prior Year**

- 1. Change In Name Or Description: None
- 2. Change In Total Project Cost: Added FY21 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 **Expended Encumbered Total**April 1, 2014 \$9,021,339 \$3,118,932 \$12,140,271

**April 1, 2014** \$9,021,339 \$3,118,932 \$12,140,271 **April 1, 2015** \$10,703,711 \$3,715,238 \$14,418,949

**Financial Activity** 

The PAB Recommendation is identical to the County Executive's Proposal.

**Planning Advisory Board Recommendation** 

Prior Year			Prior	Budget		Beyond				
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$9,954,183	Water Bonds	\$22,554,183	\$9,954,183	\$4,200,000	\$1,680	\$1,680	\$1,680	\$1,680	\$1,680	
\$32,614,510	Water PayGo	\$23,313,261	\$10,963,261	(\$250,000)	\$2,520	\$2,520	\$2,520	\$2,520	\$2,520	
	Bond Premium	\$250,000	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	
\$42,568,694	Total	\$46,117,444	\$20,917,444	\$4,200,000	\$4,200	\$4,200	\$4,200	\$4,200	\$4,200	
Mor	e (Less) Than Prior Year Program:	\$3,548,751	(\$651,249)	\$0	\$0	\$0	\$0	\$0	\$4,200	Multi-Yr

## **Capital Budget and Program**

## X787000 Water Storage Tank Painting

#### **Class: Water**

## FY2016 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:

FY14 - Herald Harbor, Millersville, Crofton GST

FY15 - Arnold, Linthicum, EWST Antena Inspection Ph 3, Severndale GST, Jacobsville, Jessup, Inspection Phase C and EWST Antenna Inspection Ph 4.

FY17 - Arundel Mills, Central Avenue, Arnold GST

FY18 - Broad Creek GST, Crofton Sphere

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			Prior	Budget		Capital Program (\$000)					
Project Total	Phase	Project Total	l Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years	
\$2,339,812	Plans and Engineering	\$2,331,812	\$1,644,812	\$100,000	\$86	\$222	\$0	\$0	\$279		
\$30,597,896	Construction	\$33,128,896	\$18,488,896	\$1,981,000	\$2,623	\$2,600	\$998	\$3,433	\$3,005		
\$2,201,172	Overhead	\$2,192,172	\$1,312,172	\$90,000	\$125	\$125	\$70	\$240	\$230		
\$50,000	Other	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0		
\$35,188,880	Total	\$37,702,880	\$21,495,880	\$2,171,000	\$2,834	\$2,947	\$1,068	\$3,673	\$3,514		
More	(Less) Than Prior Year Program:	\$2,514,000	\$0	(\$1,000,000)	\$0	\$0	\$0	\$0	\$3,514	Multi-Yr	

## **Capital Budget and Program**

**Water Storage Tank Painting Council Approved** X787000 Class: Water FY2016

#### **Project Status**

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Construction of Linthicum, Severndale GST, Jacobsville and Jessup.
- 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: Added FY21 Funding.

Total

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

Expended **Encumbered** April 1, 2014 \$9,406,934 \$2,928,852 \$12,335,785 April 1, 2015 \$11,533,011 \$2,789,478 \$14,322,488

**Financial Activity** 

#### **Planning Advisory Board Recommendation**

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year			Prior	Budget		Beyond				
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$11,658,981	Water Bonds	\$16,110,981	\$9,486,981	\$1,268,000	\$931	\$1,044	\$0	\$1,770	\$1,611	
\$23,529,899	Water PayGo	\$19,688,899	\$12,008,899	(\$1,000,000)	\$1,903	\$1,903	\$1,068	\$1,903	\$1,903	
	Bond Premium	\$1,903,000	\$0	\$1,903,000	\$0	\$0	\$0	\$0	\$0	
\$35,188,880	Total	\$37,702,880	\$21,495,880	\$2,171,000	\$2,834	\$2,947	\$1,068	\$3,673	\$3,514	
More	(Less) Than Prior Year Program:	\$2,514,000	\$0	(\$1,000,000)	\$0	\$0	\$0	\$0	\$3,514	Multi-Yr

## **Capital Budget and Program**

#### Y514200 Routine Water Extensions

#### Class: Water

#### FY2016

## **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.

## **Location**

Countywide

#### **Benefit**

Provides for orderly service expansion.

#### **Amendment History**

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

Prior Year			Prior	Budget		Beyond				
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$2,489,752	Other	\$2,479,892	\$1,479,892	\$0	\$200	\$200	\$200	\$200	\$200	
\$2,489,752	Total	\$2,479,892	\$1,479,892	\$0	\$200	\$200	\$200	\$200	\$200	
More (	Less) Than Prior Year Program:	(\$9,860)	(\$9,860)	(\$200,000)	\$0	\$0	\$0	\$0	\$200	Multi-Yr

## **Capital Budget and Program**

Y514200 Routine Water Extensions Class: Water FY2016 Council Approved

#### **Project Status**

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Feasibility Studies for Oakdale Circle, Old Mill Bottom Estates, and Riva Farms.
- 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: FY16 Funding requested based on Available Balance; Added FY21 funding.
- 3. Change In Scope: None4. Change In Timing: None

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

<b>Initial Total Pro</b>	iect Cost Estimate	•

## Financial Activity

#### **Planning Advisory Board Recommendation**

FY 1968	\$94,000		Expended	Encumbered	Total	The PAB Recommendation is identical to the County
		April 1, 2014	\$560,084	\$41,461	\$601,545	Executive's Proposal.
		April 1, 2015	\$554,479	\$10,493	\$564,972	
			i.	i		

Prior Year			Prior Approval	Budget		Beyond				
Project Total	Funding	Project Total		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$2,489,752	Water Bonds	\$2,479,892	\$1,479,892	\$0	\$200	\$200	\$200	\$200	\$200	
\$2,489,752	Total	\$2,479,892	\$1,479,892	\$0	\$200	\$200	\$200	\$200	\$200	
More	(Less) Than Prior Year Program:	(\$9,860)	(\$9,860)	(\$200,000)	\$0	\$0	\$0	\$0	\$200	Multi-Yr

## **Capital Budget and Program**

## W741400 Chg Against Wtr Clsd Projects

Class: Water

FY2016

**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.

## **Location**

Countywide

#### **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.

Prior Year			Prior	Budget		Beyond				
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$663,390	Other	\$663,390	\$663,390	\$0	\$0	\$0	\$0	\$0	\$0	
\$663,390	Total	\$663,390	\$663,390	\$0	\$0	\$0	\$0	\$0	\$0	
More	(Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

## **Capital Budget and Program**

W741400 Chg Against Wtr Clsd Projects Class: Water FY2016 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

<u>Initial <sup>-</sup></u>	Total Project Cost Estimate	Financial Activity						Planning Advisory Board Recommendation					
FY 19	986 \$900,000			Expended	Encumbered	Total				s identical to t	he County		
		Ар	oril 1, 2014	\$435,455	\$0	\$435,4	.55 Exe	ecutive's Prop	osal.				
		Ap	oril 1, 2015	\$435,455	\$0	\$435,4	55						
Prior Year Project Total	Funding	Project Total	Prior Approval		idget ′2016	FY2017	Capi FY2018	tal Program ( FY2019	(\$000) FY2020	FY2021	Beyond 6 Years		
\$512,340	Water Bonds	\$512,340	\$512,340		\$0	\$0	\$0	\$0	\$0	\$0			
\$151,050	Water PayGo	\$151,050	\$151,050		\$0	\$0	\$0	\$0	\$0	\$0			
\$663,390	Total	\$663,390	\$663,390		\$0	\$0	\$0	\$0	\$0	\$0			
More	(Less) Than Prior Year Program:	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr		

## **Capital Budget and Program**

#### W753400 Demo Abandoned Facilities

#### Class: Water

#### FY2016

## **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.

## Location

## Countywide

#### **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.

Prior Year			Prior	Budget		Beyond				
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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	Total	\$515,723	\$515,723	\$0	\$0	\$0	\$0	\$0	\$0	
More	(Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

## **Capital Budget and Program**

W753400 Demo Abandoned Facilities Class: Water FY2016 Council Approved

#### **Project Status**

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Initiate study 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

\$0

\$0

\$0

\$0

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

Estimated Operating Budget Impact: None

More (Less) Than Prior Year Program:

<u>Initial</u>	Total Project Cost Estimate		Financial Activity					Planning Advisory Board Recommendation				
FY 1995 \$100,000				Expended	Encumbered	Total		The PAB Recommendation is identical to the				
		Ар	ril 1, 2014	\$0	\$0		\$0 Ex	Executive's Proposal.				
		Ар	oril 1, 2015	\$0	\$0	:	\$0					
Prior Year			Prior		ıdget	Capital Program (\$000)			(\$000)		Beyond	
Project Total	Funding	Project Total	Approval	FY	2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years	
\$515,723	Water PayGo	\$515,723	\$515,723		\$0	\$0	\$0	\$0	\$0	\$0		
\$515,723	Total	\$515,723	\$515,723		\$0	\$0	\$0	\$0	\$0	\$0		

\$0

\$0

\$0

Multi-Yr

## **Capital Budget and Program**

## W777600 Gibson Island WTP Upgr

Class: Water

FY2016 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		Prior Approval	Budget		Beyond				
		Project Total		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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	\$3,044,000	\$3,044,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$255,000	Overhead	\$255,000	\$255,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,273,000	Total	\$4,273,000	\$4,273,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

## **Capital Budget and Program**

**Gibson Island WTP Upgr Council Approved** W777600 Class: Water FY2016

#### **Project Status**

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

#### **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: Potential savings/cost avoidance

**Initial Total Project Cost Estimate** 

#### FY 1996 \$790,400 Expended **Encumbered** Total April 1, 2014 \$2,452,064

April 1, 2015

\$1,047,615 \$3,499,679 \$2,739,341 \$977,410 \$3,716,751 The PAB Recommendation is identical to the County Executive's Proposal.

**Planning Advisory Board Recommendation** 

Prior Year	Funding	Project Total	Prior Approval	Budget		Beyond				
Project Total				FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$4,273,000	Water Bonds	\$4,273,000	\$4,273,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Water PayGo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,273,000	Total	\$4,273,000	\$4,273,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**Financial Activity** 

## **Capital Budget and Program**

## W783000 Cape St Claire Rd TM

## **Class: Water**

## FY2016 Council Approved

## Description

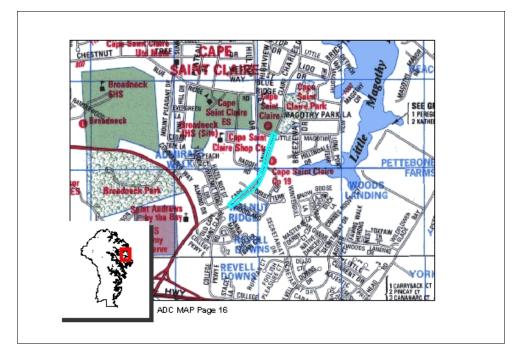
This project is to construct a Water Transmission Main in Cape St. Claire Road between Woodland Drive and Hilltop Road.

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	Phase		Prior Approval	Budget		Beyond				
Project Total		Project Total		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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	Total	\$1,109,000	\$1,109,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

W783000 Cape St Claire Rd TM FY2016 **Council Approved** Class: Water

**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 Expended April 1, 2014 April 1, 2015

\$102,029 \$332,086

**Financial Activity** 

**Encumbered** \$637,425 \$498,013

Total \$739,454 \$830,098 **Planning Advisory Board Recommendation** 

The PAB Recommendation is identical to the County

Executive's Proposal.

Prior Year			Prior	Budget	Capital Program (\$000)					Beyond
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$1,109,000	Water Bonds	\$1,109,000	\$1,109,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,109,000	Total	\$1,109,000	\$1,109,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

### W793200 TM Meade to Jessup

### **Class: Water**

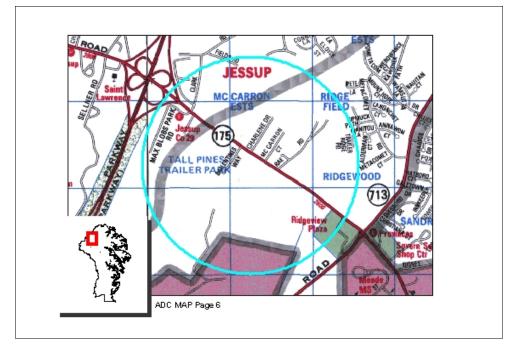
### FY2016 Council Approved

#### **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.



Prior Year				Prior Budget		Capital Program (\$000)				
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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	Total	\$8,983,000	\$8,983,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

TM Meade to Jessup **Council Approved** W793200 Class: Water FY2016

#### **Project Status**

1. Current Status Of This Project: Active

2. Action Taken In Current Fiscal Year: Right-of-Way, Performance

3. Action Required To Complete This Project: Right-of-Way, 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**

#### **Financial Activity** FY 1999 \$2,000

Expended **Encumbered** Total \$7,563,446 \$241,541 \$7,804,987 The PAB Recommendation is identical to the County Executive's Proposal.

**Planning Advisory Board Recommendation** 

April 1, 2014 April 1, 2015 \$7,684,000 \$172,319 \$7,856,319

Prior Year			Prior al Approval	Budget		Capital Program (\$000)				
Project Total	Funding	Project Total		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$8,983,000	Water Bonds	\$8,983,000	\$8,983,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Other Funding Sources	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$8,983,000	Total	\$8,983,000	\$8,983,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

### W797600 Independent Well Upgrd

#### Class: Water

#### FY2016

### **Council Approved**

#### **Description**

This project is to design and construct reverse osmosis treatment at Glendale Independent Well and to examine/install Aquifier 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.

### **Location**

### Countywide

#### **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.

Prior Year			Prior	Budget	Capital Program (\$000)					Beyond
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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	Total	\$2,171,058	\$2,171,058	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

W797600 Independent Well Upgrd Class: Water FY2016 Council Approved

#### **Project Status**

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Conduct Aquifer Storage Recovery 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

<u>Initial </u>	Initial Total Project Cost Estimate				<u>Activity</u>		<u>P</u>	lanning Ad	visory Boa	rd Recomm	nendation	
FY 2	000 \$3,193,000			Expended	Encumbered	Total		The PAB Recommendation is identical to the County				
		Aj	oril 1, 2014	\$47,865	\$0	\$47,8	,865 Executive's Proposal.					
		A	pril 1, 2015	\$47,847	\$0	\$47,8	47					
Prior Year Project Total	Funding	Project Total	Prior Approval		idget /2016	FY2017	Capit FY2018	al Program ( FY2019	(\$000) FY2020	FY2021	Beyond 6 Years	
\$1,741,058	Water Bonds	\$1,741,058	\$1,741,058		\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$430,000	Developer Contribution	\$430,000	\$430,000		\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,171,058	Total	\$2,171,058	\$2,171,058		\$0	\$0	\$0	\$0	\$0	\$0	\$0	
More	e (Less) Than Prior Year Program:	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	

## **Capital Budget and Program**

### W800200 Water System Security

### Class: Water

#### FY2016

**Council Approved** 

#### **Description**

Design and construciton 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			Prior Approval	Budget	Capital Program (\$000)					Beyond
Project Total	Phase	Project Total		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$133,950	Plans and Engineering	\$133,950	\$133,950	\$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	\$6,336,398	\$6,336,398	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$332,806	Overhead	\$332,806	\$332,806	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,809,154	Total	\$6,809,154	\$6,809,154	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

**Planning Advisory Board Recommendation** 

The PAB Recommendation is identical to the County

Executive's Proposal.

**Council Approved** W800200 **Water System Security** Class: Water FY2016

#### **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 on hold pending feasibility study.
- 3. Action Required To Complete This Project: Design, Construction and Performance.

#### **Change from Prior Year**

- 1. Change In Narme 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

\$4,800,000

Initial Total P	oiect Cost Estimate
-----------------	---------------------

FY 2004

## **Financial Activity**

Expended **Encumbered** Total \$1,819,886 \$711,958 \$2,531,844

April 1, 2014

April 1, 2015 \$1,975,191 \$640,450 \$2,615,641

Prior Year			Prior	Budget	Capital Program (\$000)					Beyond
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$6,809,154	Water Bonds	\$6,809,154	\$6,809,154	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,809,154	Total	\$6,809,154	\$6,809,154	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

### W801200 12" St Marg/Old Mill Bttm

### **Class: Water**

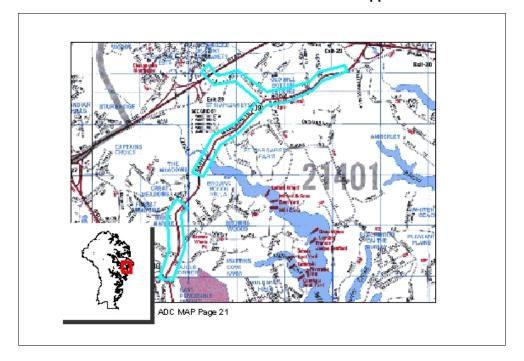
### FY2016 Council Approved

#### **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,



Prior Year			Prior	Prior Budget		Capital Program (\$000)				
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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	Total	\$3,836,000	\$3,836,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

W801200 12" St Marg/Old Mill Bttm Class: Water FY2016 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	Tatal	Drainat	C+	Catimata
initiai	ı otal	Project	COST	Estimate

### Financial Activity

#### **Planning Advisory Board Recommendation**

FY 2010	\$4,051,000		Expended	Encumbered	Total
		April 1, 2014	\$243,899	\$321,961	\$565,860
		April 1, 2015	\$254,289	\$320,313	\$574,602

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year			Prior	Budget		Beyond				
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$3,836,000	Water Bonds	\$3,836,000	\$3,836,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,836,000	Total	\$3,836,000	\$3,836,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

### W801800 Arnold WTP Exp

### **Class: Water**

### FY2016 Council Approved

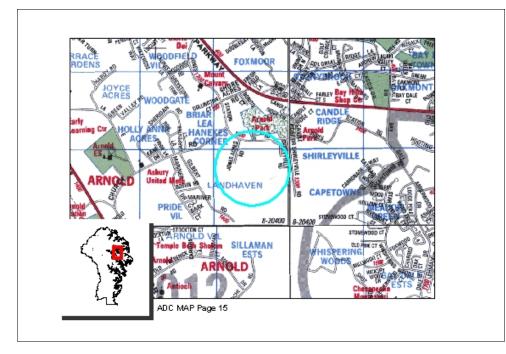
#### **Description**

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.



Prior Year			Prior	Budget		Capit	tal Program	(\$000)		Beyond
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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	Total	\$35,639,000	\$35,639,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

#### **Arnold WTP Exp Council Approved** W801800 Class: Water FY2016

#### **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	

#### **Financial Activity**

#### **Planning Advisory Board Recommendation**

FY 2010 \$32,457,000 Expended **Encumbered** Total April 1, 2014 \$30,180,466 \$218,597 \$30,399,063 The PAB Recommendation is identical to the County Executive's Proposal.

April 1, 2015 \$30,901,668 \$54,982 \$30,956,650

Prior Year			Prior	Budget		Capit	al Program (	\$000)		Beyond
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$35,639,000	Water Bonds	\$35,639,000	\$35,639,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$35,639,000	Total	\$35,639,000	\$35,639,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	e (Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

### W803400 Water Proj Mgmt

**Class: Water** 

FY2016

**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.

Prior Year			Prior	Budget		Capit	al Program	(\$000)		Beyond
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$2,000,000	Other	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,000,000	Total	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
More	(Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

### **Capital Budget and Program**

W803400 **Water Proj Mgmt** FY2016 **Council Approved** Class: Water

**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 Tota	I Project	Cost	Estimate
--------------	-----------	------	----------

## FY 2010

#### \$1,000,000

## April 1, 2014

April 1, 2015

\$0 \$68,875

Expended

**Financial Activity** 

\$859,249

**Encumbered** 

\$1,868,358

\$1,937,232

Total

\$859,249

#### **Planning Advisory Board Recommendation**

The PAB Recommendation is identical to the County

Executive's Proposal.

Prior Year			Prior	Budget	Capital Program (\$000)					Beyond
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$2,000,000	Project Reimbursement	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,000,000	Total	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
More	e (Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

### **Capital Budget and Program**

### W803500 Hospital Drive WTR Ext

### **Class: Water**

### FY2016 Council Approved

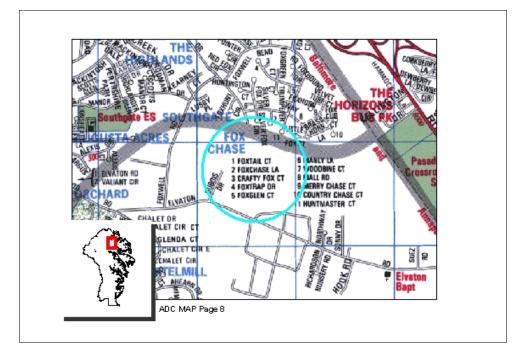
#### **Description**

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.



Prior Year			Prior	Budget		Capit	tal Program	(\$000)		Beyond
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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	Total	\$1,176,000	\$1,176,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

W803500 **Hospital Drive WTR Ext** FY2016 **Council Approved** Class: Water

#### **Project Status**

1. Current Status Of This Project: Active

2. Action Taken In Current FY: Construction

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:** Indeterminate

Initial Tota	I Project	Cost Estin	nate
--------------	-----------	------------	------

#### FY 2010 \$830,000

# April 1, 2014

### April 1, 2015

### \$49,992

Expended

### \$33,858 \$35,641

**Encumbered** 

**Financial Activity** 

### \$20,928

Total

\$69,499

\$70,920

## Executive's Proposal.

#### **Planning Advisory Board Recommendation**

The PAB Recommendation is identical to the County

Prior Year			Prior	Budget		Capital Program (\$000)				
Project Total	Funding	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$1,176,000	Water Bonds	\$1,176,000	\$1,176,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,176,000	Total	\$1,176,000	\$1,176,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

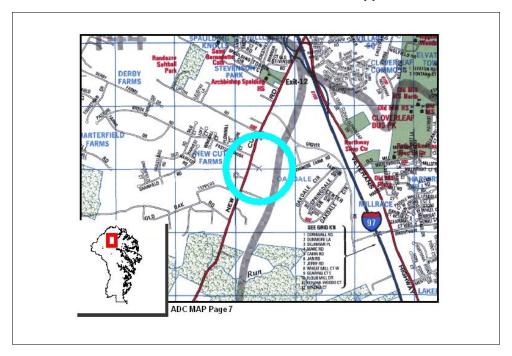
### W804300 New Cut WTP Class: Water FY2016 Council Approved

#### **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.



Prior Year			Prior Budget Capital Program (\$000)						Beyor	
Project Total	Phase	Project Total	Approval	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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
\$0	Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$66,000	Overhead	\$66,000	\$66,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,176,000	Total	\$1,176,000	\$1,176,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More	(Less) Than Prior Year Program:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

W804300 New Cut WTP Class: Water FY2016 Council Approved

#### **Project Status**

1. Current Status Of This Project: Active

2. Action Taken In Current Fiscal Year: None

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

<u>Initial</u>	Total Project Cost Estimate			<u>Financial Activity</u> <u>Planning Advisory Board Reco</u>							<u>ommendation</u>	
FY 2	009 \$116,000			Expended	Encumbered	Total				identical to t	he County	
		April 1, 2014		\$12,957	\$0	\$12,9	57 Exe	Executive's Proposal.				
			<b>April 1, 2015</b> \$13,518		\$0	\$0 \$13,5						
Prior Year			Prior	Вι	ıdget	Capi	Capital Program (\$000)					
Project Total	Funding	Project Total	Approval	FY	<b>′2016</b>	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years	
\$1,176,000	Water Bonds	\$1,176,000	\$1,176,000		\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$1,176,000	Total	\$1,176,000	\$1,176,000		\$0	\$0	\$0	\$0	\$0	\$0	\$0	
More	More (Less) Than Prior Year Program:		\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	

### **Capital Budget and Program**

#### W804600 Balt City - Fullerton WTP

#### **Class: Water**

#### FY2016

#### **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		Beyond				
				FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$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	Total	\$106,000	\$106,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

### **Capital Budget and Program**

W804600 Balt City - Fullerton WTP Class: Water FY2016 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		Financial Activity					<u>P</u>	Planning Advisory Board Recommendation					
FY 20	911 \$106,000	Expended Encumbered Total April 1, 2014 \$0 \$0		Expended	Encumbered	Total		The PAB Recommendation is identical to the County					
				\$0 Exe	Executive's Proposal.								
		Ap	oril 1, 2015	\$0	\$0		\$0						
Prior Year Project Total Funding		Project Total	Prior Approval		udget /2016	FY2017	Capi FY2018	tal Program FY2019	(\$000) FY2020	FY2021	Beyond 6 Years		
\$106,000	Water Bonds	\$106,000	\$106,000		\$0	\$0	\$0	\$0	\$0	\$0	\$0		
\$106,000	Total	\$106,000	\$106,000		\$0	\$0	\$0	\$0	\$0	\$0	\$0		
More (Less) Than Prior Year Program:		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0		

### **Capital Budget and Program**

### X764300 Water Proj Planning

#### **Class: Water**

#### FY2016

#### **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		Beyond				
				FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$914,423	Other	\$914,423	\$914,423	\$0	\$0	\$0	\$0	\$0	\$0	
\$914,423	Total	\$914,423	\$914,423	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

### **Capital Budget and Program**

#### **Council Approved** X764300 Water Proj Planning Class: Water FY2016

#### **Project Status**

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Continued Ongoing Planning Studies; Completed Nursery Road and Fort Smallwood Road TM Condition Assessments; Initiated Lining Analysis.
- 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 1993 \$300,000 Expended April 1, 2014

### April 1, 2015

# \$268,058

**Financial Activity** 

#### **Encumbered** \$207,016 \$367,167 \$307,070

\$574,183 \$575,128

Total

#### **Planning Advisory Board Recommendation**

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year	Funding	Project Total	Prior Approval	Budget		Beyond				
Project Total				FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	6 Years
\$4,423	Water Bonds	\$4,423	\$4,423	\$0	\$0	\$0	\$0	\$0	\$0	
\$910,000	Water PayGo	\$910,000	\$910,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$914,423	Total	\$914,423	\$914,423	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

