



OFFICE OF THE  
COUNTY COMMISSIONERS

**Worcester County**

GOVERNMENT CENTER  
ONE WEST MARKET STREET • ROOM 1103

SNOW HILL, MARYLAND

21863-1195

**ITEM 9**

**APPROVED**

**WSY 3/1/22**

WESTON S. YOUNG, P.E.  
CHIEF ADMINISTRATIVE OFFICER  
JOSEPH E. PARKER, III  
DEPUTY CHIEF ADMINISTRATIVE OFFICER  
ROSCOE R. LESLIE  
COUNTY ATTORNEY

COMMISSIONERS  
JOSEPH M. MITRECIC, PRESIDENT  
THEODORE J. ELDER, VICE PRESIDENT  
ANTHONY W. BERTINO, JR.  
MADISON J. BUNTING, JR.  
JAMES C. CHURCH  
JOSHUA C. NORDSTROM  
DIANA PURNELL

February 22, 2022

**TO:** Weston Young, Chief Administrative Officer  
Worcester County Commissioners

**FROM:** Kim Reynolds, Senior Budget Accountant 

**RE:** Amended Capital Improvement Plan FY2023 through FY2027

Please find attached, the Amended Fiscal Year 2023 through Fiscal Year 2027 Five-Year Capital Improvement Plan. The Plan Summary by Category indicates projects totaling \$200,321,677 are requested over the five-year period. Of these projects listed in fiscal years 2023 and 2024, \$41,832,684 will be funded through general obligation bonds. The Capital Improvement Plan has been amended to accurately reflect the projects that will be bonded for FY2023/2024 projects. Of the changes, the most significant are the removal of the Ocean Pines Spray Irrigation (\$3,250,000) and the updated Ocean Pines Belt Filter Press project from \$3,550,000 to \$4,600,000. The remaining portion would come from grant funds, state match funds, user fees, assigned funds, private donations.

Should you have any questions please do not hesitate to contact me.

REQUESTED PLAN SUMMARY BY CATEGORY

2/22/2022

WORCESTER COUNTY  
FIVE YEAR CAPITAL IMPROVEMENT PLAN  
FY 2023 TO FY 2027 PROJECT SUMMARY

Project Category	2023	2024	2025	2026	2027	Five Year Project Cost Total	Five Year % to Total Costs	Actual Prior Years	Balance to Complete *	Total Project Cost
General Government	17,433,333	21,947,967	21,412,968	0	0	60,794,268	30.35%	0	0	60,794,268
Public Safety	8,852,610	5,500,000	17,250,000	15,250,000	0	46,852,610	23.39%	2,483,060	0	49,335,670
Public Works	6,493,000	9,530,000	4,200,000	2,070,000	2,630,000	24,923,000	12.44%	1,195,550	0	26,118,550
Recreation & Parks	13,987,930	9,811,000	0	0	0	23,798,930	11.88%	3,710,451	0	27,509,381
Public Schools	7,004,481	5,050,523	1,564,969	2,974,195	24,211,624	40,805,792	20.37%	8,731,131	92,172,095	141,709,018
Community College	416,777	0	150,885	2,471,640	107,775	3,147,077	1.57%	2,341,972	0	5,489,049
<b>TOTAL</b>	<b>54,188,131</b>	<b>51,839,490</b>	<b>44,578,822</b>	<b>22,765,835</b>	<b>26,949,399</b>	<b>200,321,677</b>	<b>100.00%</b>	<b>18,462,164</b>	<b>92,172,095</b>	<b>310,955,936</b>

Source of Funds	2023	2024	2025	2026	2027	Five Year Project Cost Total	Five Year % to Total Costs	Actual Prior Years	Balance to Complete	Total Project Cost
General Fund	1,530,000	2,650,000	1,500,000	1,837,244	2,470,996	9,988,240	4.99%	1,025,000	1,755,752	12,768,992
User Fees	620,000	400,000	400,000	0	0	1,420,000	0.71%	0	0	1,420,000
Grant Funds	18,579,433	28,535,333	17,333,334	0	0	64,448,100	32.17%	2,057,451	0	66,505,551
State Match	0	3,711,000	1,700,000	921,000	5,573,000	11,905,000	5.94%	4,814,000	18,110,000	34,829,000
State Loan	2,100,000	1,300,000	200,000	0	0	3,600,000	1.80%	0	0	3,600,000
Assigned Funds	3,659,150	4,589,157	2,637,519	250,000	0	11,135,826	5.56%	5,579,577	0	16,715,403
Private Donation	1,000,000	0	0	0	0	1,000,000	0.50%	0	0	1,000,000
Enterprise Bonds	0	4,600,000	2,100,000	570,000	1,130,000	8,400,000	4.19%	0	0	8,400,000
General Bonds	26,192,548	6,054,000	18,707,969	19,187,591	17,775,403	87,917,511	43.89%	4,986,136	72,306,343	165,209,990
ARPA Funds	507,000	0	0	0	0	507,000	0.25%	0	0	507,000
<b>TOTAL</b>	<b>54,188,131</b>	<b>51,839,490</b>	<b>44,578,822</b>	<b>22,765,835</b>	<b>26,949,399</b>	<b>200,321,677</b>	<b>100.00%</b>	<b>18,462,164</b>	<b>92,172,095</b>	<b>310,955,936</b>

\* Balance to Complete - Years FY2028 and future

FY 2023 TO FY 2027 SUMMARY BY PROJECT  
REQUESTED

2/18/2022

WORCESTER COUNTY  
FIVE YEAR CAPITAL IMPROVEMENT PLAN

	FY2023	FY2024	FY2025	FY2026	FY2027	Prior Allocation	Balance To Complete	TOTAL
<b>General Government Facilities</b>								
New Pocomoke Library	100,000	3,914,634	4,079,634					8,094,268
Broadband Infrastructure	17,333,333	17,333,333	17,333,334					52,000,000
Snow Hill Library Building Improvements		700,000						700,000
<b>Total General Government Facilities</b>	<b>17,433,333</b>	<b>21,947,967</b>	<b>21,412,968</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60,794,268</b>
<b>Public Safety</b>								
Worcester County Jail Improvement Project	8,472,610	1,000,000				2,483,060		11,955,670
Fire/EMS Paging System	30,000	650,000						680,000
Outdoor Warning Siren System	50,000	800,000						850,000
Public Safety Logistical Storage Facility	200,000	3,050,000						3,250,000
Public Safety Building	100,000	0	17,250,000	15,250,000				32,600,000
<b>Total Public Safety</b>	<b>8,852,610</b>	<b>5,500,000</b>	<b>17,250,000</b>	<b>15,250,000</b>	<b>0</b>	<b>2,483,060</b>	<b>0</b>	<b>49,335,670</b>
<b>Public Works</b>								
Asphalt Overlay/Pavement Preservation of Roads	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,000,000		8,500,000
Berlin Roads Building Renovation	320,000					123,550		443,550
Gradall XL4100 V 6X4		500,000						500,000
<b>Water Wastewater</b>								
Lewis Road Sewer Extension	1,953,000					72,000		2,025,000
Ocean Pines Belt Filter Press		4,600,000						4,600,000
Mystic Harbour Water Treatment Plant Rehabilitation	1,400,000							1,400,000
Mystic Harbour Water Treatment Plant Solids Dewatering & Storage Repair	700,000	1,300,000	200,000					2,200,000
Landings Water Tower Rehabilitation and Painting		580,000						580,000
Riddle Farm Water Tower Rehabilitation, Painting & Lowering		650,000						650,000
Mystic Harbour Water Treatment Plant Expansion & Effluent Disposal System			2,100,000					2,100,000
Riddle Farm & Mystic Harbour Effluent Disposal Interconnection				570,000	1,130,000			1,700,000
<b>Solid Waste</b>								
Solid Waste Cell 1 Pump Station	620,000							620,000
Administration Scale House Renovations & Addition		400,000	400,000					800,000
<b>Total Public Works</b>	<b>6,493,000</b>	<b>9,530,000</b>	<b>4,200,000</b>	<b>2,070,000</b>	<b>2,630,000</b>	<b>1,195,550</b>	<b>0</b>	<b>26,118,550</b>
<b>Recreation &amp; Parks</b>								
West Ocean City Commercial Harbor	400,000					1,125,000		1,525,000
Worcester County Sports Complex	12,998,930					2,585,451		15,584,381
Ocean City Inlet & Harbor Navigation Improvement Project	589,000	9,811,000						10,400,000
<b>Total Recreation &amp; Parks</b>	<b>13,987,930</b>	<b>9,811,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,710,451</b>	<b>0</b>	<b>27,509,381</b>

# ITEM 9

## FY 2023 TO FY 2027 SUMMARY BY PROJECT REQUESTED

2/18/2022

### WORCESTER COUNTY FIVE YEAR CAPITAL IMPROVEMENT PLAN

	FY2023	FY2024	FY2025	FY2026	FY2027	Prior Allocation	Balance To Complete	TOTAL
<b>Public Schools</b>								
Stephen Decatur Middle School Addition	6,521,108					8,731,131		15,252,239
Snow Hill Middle/Cedar Chapel School - Roof Replace	103,000	3,826,000						3,929,000
Buckingham Elementary Replacement School	380,373	1,224,523	1,457,969	703,951	23,240,628		39,557,851	66,565,295
Pocomoke Elementary School - Roof Replacement			107,000	1,933,000				2,040,000
Snow Hill Elementary Replacement School				337,244	970,996		52,614,244	53,922,484
<b>Total Public Schools</b>	<b>7,004,481</b>	<b>5,050,523</b>	<b>1,564,969</b>	<b>2,974,195</b>	<b>24,211,624</b>	<b>8,731,131</b>	<b>92,172,095</b>	<b>141,709,018</b>
<b>Wor-Wic Community College</b>								
Wor-Wic Applied Technology Building	416,777					2,341,972		2,758,749
Wor-Wic Learning Commons Building			150,885	2,471,640	107,775			2,730,300
<b>Total Wor-Wic</b>	<b>416,777</b>	<b>0</b>	<b>150,885</b>	<b>2,471,640</b>	<b>107,775</b>	<b>2,341,972</b>	<b>0</b>	<b>5,489,049</b>
<b>CAPITAL PROJECT SUMMARY - BY SOURCE OF FUNDS</b>								
Source of Funds	FY2023	FY2024	FY2025	FY2026	FY2027	Prior Allocation	Balance to Complete	TOTAL
General Fund	1,530,000	2,650,000	1,500,000	1,837,244	2,470,996	1,025,000	1,755,752	12,768,992
User Fees	620,000	400,000	400,000					1,420,000
Grant Funds	18,579,433	28,535,333	17,333,334			2,057,451		66,505,551
State Match		3,711,000	1,700,000	921,000	5,573,000	4,814,000	18,110,000	34,829,000
State Loan	2,100,000	1,300,000	200,000					3,600,000
Assigned Funds	3,659,150	4,589,157	2,637,519	250,000		5,579,577		16,715,403
Private Donation	1,000,000							1,000,000
Enterprise Bonds		4,600,000	2,100,000	570,000	1,130,000			8,400,000
General Bonds	26,192,548	6,054,000	18,707,969	19,187,591	17,775,403	4,986,136	72,306,343	165,209,990
ARPA Funds	507,000							507,000
<b>TOTAL</b>	<b>54,188,131</b>	<b>51,839,490</b>	<b>44,578,822</b>	<b>22,765,835</b>	<b>26,949,399</b>	<b>18,462,164</b>	<b>92,172,095</b>	<b>310,955,936</b>

**Project: New Pocomoke Library**

Dept Head, Title & Phone #: Jennifer Ranck, Library Director, 410-632-2600

Project Summary: New Pocomoke Library

Purpose: To replace the current 51-year old facility with a new, larger building.

Location: Downtown Pocomoke

Impacts on General Fund Operating, Personnel or Maintenance: There will be increased costs for personnel because an increase in the size of the staff will be required. There will be an increase in some building operations costs because it is a larger building (custodial). Repair and maintenance costs will go down significantly in the first few years of the new building's operation.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	100,000	385,000	110,000					595,000
Land Acquisition								0
Site Work								0
Construction		3,529,634	3,529,634					7,059,268
Equipment/Furnishings			440,000					440,000
Other								0
<b>EXPENDITURES</b>								

<b>TOTAL</b>	<b>100,000</b>	<b>3,914,634</b>	<b>4,079,634</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,094,268</b>
--------------	----------------	------------------	------------------	----------	----------	----------	----------	------------------

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match		1,700,000	1,700,000					3,400,000
State Loan								0
Assigned Funds	100,000	2,214,634	2,379,634					4,694,268
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0

<b>TOTAL</b>	<b>100,000</b>	<b>3,914,634</b>	<b>4,079,634</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,094,268</b>
--------------	----------------	------------------	------------------	----------	----------	----------	----------	------------------

<b>PROJECTED OPERATING IMPACTS</b>	0	0	34,000	34,000	34,000			102,000
------------------------------------	---	---	--------	--------	--------	--	--	---------

## **Project: New Pocomoke Library**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

Worcester County Library completed a Facilities Master Plan in 2013. The Berlin Branch Library replacement project was identified as the first priority; building improvements to the Pocomoke Branch Library were identified as the second priority. The Pocomoke Branch opened in 1970 with an addition constructed in 2004. The addition provided much needed space but much of the library's furniture and shelving was re-used and many of building systems are in need of replacement. This project will address the following problems: 1) the lack of flexible space for collaborative work for patrons and staff; 2) the need for upgraded electrical and data systems; 3) the need for upgraded heating, ventilation, air conditioning and lighting; 4) roof and window replacement; and 5) accessibility issues. In September 2021, Worcester County Commissioners signed an agreement with the City of Pocomoke to use a downtown site for the new library, if a Strategic Demolition grant is successful. If the grant is not successful, the library would like to move forward with plans for a new branch on the current site, Market Street.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

The residents and visitors to Pocomoke City and the surrounding areas will benefit from this project. Many of the building's systems are nearing the "end of useful life" and a new facility will help maintain proper temperatures, improve lighting, and reduce the library's overall energy use. New flooring and furnishings will improve overall functionality and enable the library to reallocate collection space, create a dedicated young adult space, reconfigure staff area, and revise public service desk. Adjacent to the children's area, the lack of separation limits the use of the YA section. Due to space and wiring constraints, the library's 3D printer is housed on the other side of the building. Lack of programming space within the collection spaces limit the kinds of programs and equipment that the library can offer. The branch is often the recipient of discarded furniture. The mix of hodgepodge shelving negatively affects the overall character and layout of the branch. Library staff are continually weeding and shifting collections due to lack of space. The library would like to purchase additional non-fiction picture books for the Children's area to support Common Core curriculum and school readiness but there is no room to expand library collections. Dated HVAC equipment continues to fail. The circulation desk is crowded and there is little room to store held items and interlibrary loan materials for customers. The staff office and staff kitchen also serve as storage spaces. Many library operations must take place at the circulation desk in between assisting customers and checking out materials. The circulation desk is not accessible for those in wheelchairs and obstructs flow for all users. A more welcoming desk would improve the patron experience. A new building will enable the library to create inspiring and defined spaces that will facilitate greater and higher quality use by its visitors. The addition of quiet study and the possibility of a small conference room will expand the types of activities that can take place in the library. Additional places for visitors to plug in their own devices will enable users to research, complete online classes, and communicate in a more comfortable setting. New shelving will allow for the print collections to be displayed in a functional manner and easier to access by all patrons. The library will increase aisle widths to 42" to meet ADA preferred guidelines. The projected increase for library use is 15%. A well-designed staff area will increase productivity and staff morale. Efficient electrical and data communications systems will modernize technology for now and future reconfiguration. The library will also strive to minimize its environmental footprint and will explore the opportunities to use sustainable building materials, incorporate natural light to reduce energy costs, and other design elements that are cost effective and environmentally friendly. The library is central to the Pocomoke community and serves as the cultural and learning center. The space, if renovated and expanded, will support modern usage and technology and enable the library to meet the needs of the current and evolving community.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

The cost estimate is based on figures developed by Whiting Turner in May 2020 when an alternate site was being considered. An additional 5% has been included to account for escalation.

## **Project: New Pocomoke Library**

---

**CIP Timing.** If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?

This project was first requested in FY 2019 and several options for facility upgrades and other locations have been discussed. An alternative downtown Pocomoke site was considered in Spring 2020 but upon further evaluation the location was not viable. The library will apply for construction funding through the Public Library Capital Grant program in FY 24.

**Urgency.**

Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?

The Pocomoke library is over 50 years old and some building systems are at the end of their life cycle. Building improvements should lower ongoing operating costs.

## Project: Broadband Infrastructure

Dept Head, Title & Phone #: Brian Jones Director of IT 410-726-5823

**Project Summary:** County-wide broadband project.

**Purpose:** To provide high speed broadband to all unserved and underserved areas of Worcester County.

**Location:** Worcester County unserved areas as identified by a feasibility study.

**Impacts on General Fund Operating, Personnel or Maintenance:** No impacts from general fund budget. Potential of up to 100% grant funding.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design								0
Land Acquisition								0
Site Work								0
Construction	17,333,333	17,333,333	17,333,334					52,000,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								
<b>TOTAL</b>	17,333,333	17,333,333	17,333,334	0	0	0	0	52,000,000
<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds	16,333,333	17,333,333	17,333,334					51,000,000
State Match								0
State Loan								0
Assigned Funds	1,000,000							1,000,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0
<b>TOTAL</b>	17,333,333	17,333,333	17,333,334	0	0	0	0	52,000,000
<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0



## **Project: Broadband Infrastructure**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

There are no mandates by federal law, however there are several pushed from the Governors office to provide internet for all. The project scope is often determined by the need from the feasibility study from CTC and the driving force of the elected officials priority areas.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

This would allow all residents in unserved areas of the county to have broadband access. This will also help drive down the cost for those in the county already served.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

We hired a consultant a few years ago that did a broadband feasibility study as well as broadband study. They were able to map the areas listed by the FCC as unserved. This allowed us to reach for grants we were never able to do previously.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

N/A

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

Since the wide spread of COVID, the ability to telework or virtual schooling from home has had a huge impact for citizens without broadband capabilities. We want to be proactive should the spread continue or continue to effect the residents of the county. We are also seeing an uptick in the need to have medical care via internet services.

**Project: Snow Hill Library Building Improvements**

Dept. Head, Title & Phone #: Jennifer Ranck, Library Director, 410-632-2600

Project Summary: Snow Hill Library Building Improvements

Purpose: Replace HVAC system and make energy improvements to plumbing and lighting systems

Location: Snow Hill Library - 307 N. Washington Street, Snow Hill, Maryland 21863

**Impacts on General Fund Operating, Personnel or Maintenance:**

No impact to personnel. The operating and maintenance costs should decrease with more efficient equipment.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		64,000						64,000
Land Acquisition								0
Site Work								0
Construction		636,000						636,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								

<b>TOTAL</b>	0	700,000	0	0	0	0	0	700,000
--------------	---	---------	---	---	---	---	---	---------

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds		350,000						350,000
State Match								0
State Loan								0
Assigned Funds		350,000						350,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0

<b>TOTAL</b>	0	700,000	0	0	0	0	0	700,000
--------------	---	---------	---	---	---	---	---	---------

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			700,000
------------------------------------	---	---	---	---	---	--	--	---------

## **Project: Snow Hill Library Building Improvements**

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

The Worcester County Library completed a Facilities Master Plan in 2013. Building improvements to the Snow Hill Branch Library were identified as the third priority after the Berlin Branch Library replacement project and building improvements to the Pocomoke Branch Library. The Snow Hill branch was built in 1974 and is in good shape architecturally but the building's mechanical systems are in need of replacement. Some of the lighting has been upgraded, but improvements are needed in the staff areas and meeting room. The building's plumbing, including domestic water heater and restroom fixtures, need to be upgraded as well. The Library is currently updating our Facility Plan in FY 23 and will share results of the plan with County Commissioners, County Administration, and Department of Public Works.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

The residents and visitors to Snow Hill and the surrounding areas will benefit from this project. The Snow Hill branch houses the library's Worcester Room which contains the local history collection and includes some unique and one-of-a-kind items. Replacing the HVAC will help maintain proper will help preserve those items. Improvements made to the lighting and plumbing will reduce the library's overall energy use.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

Preliminary estimates were calculated in 2012 by Entech Engineers. Figures have been adjusted, using the Berlin library project as a recent comparison. Engineering/Design fees (\$64,000); HVAC replacement (including air handling units, circulating pumps, and controls (\$361,000); plumbing and lighting improvements (\$275,000). Increased the overall estimate by approximately 5% from the FY 22 CIP to account for escalation. In September 2021, the HVAC unit for the Worcester Room for our local history collection was replaced at a cost of approximately \$21,000 (using funds from the library's periodical savings due to Covid).

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

This project was first submitted in FY 2019, and has been requested for approval in the FY 2024 budget. The library will apply for a matching grant Library Capital Grant program through the Maryland State Library. Anticipated grant application deadline for FY24 grant is May 2022. The timing of this project has been delayed due to the priority of the Pocomoke library project.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

This project is necessary but not time critical; although the age of the building equipment is a concern. Building improvements should lower ongoing operating costs.

**Project: Worcester County Jail Improvements Phase 2**

Dept Head, Title & Phone #: **Fulton Holland, Warden, 410-632-1300/ Bill Bradshaw, Engineer**

**Project Summary:** This project includes replacement of heating, ventilating equipment and ductwork, controls, fire alarms and electrical for the 1980's original housing units and 1988 work release addition housing unit. Also included is HVAC equipment for corridors and office areas in the 1980 and 1988 building areas and multipurpose rooms. This project includes roof replacement/repair for the original building. Maintenance and replacement of exterior steel coatings, kitchen doors, lighting in renovated areas, building controls and shower enclosures are also included.

**Purpose:** This project improves the 40 year old building sections heating, ventilating, and air conditioning equipment to current standards and will mitigate future outages and disruptions due to leaks and equipment failure. It is crucial to improve the air conditioning/ventilation due to overheating and unsafe work conditions for Correctional Officers wearing full PPE and the pandemic.

**Location:** Worcester County Jail, 5022 Joyner Road Snow Hill, MD

**Impacts on General Fund Operating, Personnel or Maintenance:** This project does not increase the number of employees required for the jail. This project will also result in the reduction of maintenance costs associated with the upkeep of the current 30 year old system components. Additionally, the project will increase energy costs to air condition parts of the building and decrease energy costs in areas where equipment is replaced for heating and ventilating. Additional utility costs for air conditioning and savings in heating and ventilating efficiency will offset. If lighting replacement options are approved, electrical savings will result.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	98,940					483,060		582,000
Land Acquisition								0
Site Work								0
Construction	8,333,670	1,000,000				2,000,000		11,333,670
Equipment/Furnishings								0
Other	40,000							40,000
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>8,472,610</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,483,060</b>	<b>0</b>	<b>11,955,670</b>

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds						1,000,000		1,000,000
Private Donation								0
Enterprise Bonds								0
General Bonds	8,472,610	1,000,000				1,483,060		10,955,670
								0
								0
<b>TOTAL</b>	<b>8,472,610</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,483,060</b>	<b>0</b>	<b>11,955,670</b>

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---

## **Project: Worcester County Jail Improvements Phase 2**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

The project scope was determined by the HVAC and supporting Electrical Engineering Study/Feasibility Analysis completed by Gipe Associates. Equipment failures during the winter 2016-2017 escalated the need for replacement of critical equipment based on operational priority and completed as phase 1 previously. The remaining improvements are generally designed to replace 40 year old equipment, improve building conditions including ventilation and space conditioning in select areas to improve working conditions for Correctional Officers. Phase 2 also includes roof repairs and replacement of the original facility, painting of outdoor steel security enclosures, and select replacement of interior doors and shower areas.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

The County improves reliability by replacing 40 year old systems with a newer, more efficient system components. The occupants benefit by improving building ventilation and conditioning. If this project is not funded, or if it is delayed, the County will continue to pay increasing maintenance costs and fund emergency repairs.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

This estimate was prepared by Gipe Engineering based on detailed design and updated 3/5/21 - attached for reference.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

The original request based on engineering assessment of the entire facility is planned to be funded in 2 phases. Phase 1 work has been completed during 2019 budgeted at \$3.5 million (\$3.4 million spent as of 9/15/20). Phase 1 work has revealed additional priority items including interior kitchen doors and exterior structures which are recommended to be included in phase 2. Prior Phase 2 estimates include the escalated balance from the original 2014 engineering study minus phase 1. The current phase 2 estimate is based on detailed design completed by Gipe Engineering. This project is released for competitive bidding as of 9/21/21.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

If not completed antiquated equipment will continue to fail, cause the need for emergency repairs and operational disruptions which is more costly than addressing the issues on a planned basis. Phase 1 work was prioritized to address critical building infrastructure. There remains original 1980's vintage equipment serving the original housing units of the facility targeted in this phase 2. Phase 2 improvements specifically

**Project: FIRE/EMS Paging System**

Dept Head, Title & Phone #: Billy Birch, Director of Emergency Services

**Project Summary:** This project seeks to replace the current VHF Paging System used to alert volunteer Fire/EMS personnel.

**Purpose:** Voice paging is a critical component of alerting Fire/EMS personnel. The current system was installed in 2005 and upon replacement will have reached 17-18 years old, exceeding it's life expectancy.

**Location:** Countywide

**Impacts on General Fund Operating, Personnel or Maintenance:** Execution of this project will impact general fund unless grant funding is identified.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	30,000							30,000
Land Acquisition								0
Site Work								0
Construction								0
Equipment/Furnishings		650,000						650,000
Other								0

**EXPENDITURES**

<b>TOTAL</b>	<b>30,000</b>	<b>650,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>680,000</b>
--------------	---------------	----------------	----------	----------	----------	----------	----------	----------------

**SOURCES OF FUNDS**

General Fund	30,000	650,000						680,000
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0

<b>TOTAL</b>	<b>30,000</b>	<b>650,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>680,000</b>
--------------	---------------	----------------	----------	----------	----------	----------	----------	----------------

<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>
------------------------------------	----------	----------	----------	----------	----------	--	--	----------

## **Project: FIRE/EMS Paging System**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

The scope of this project will include design/engineering, equipment procurement, installation and decommissioning of previous equipment. There is no legal requirement for this project.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

This project benefits all residents of Worcester County by ensuring reliable alerting of Fire/EMS personnel. This project will be designed around NFPA 1221 standards and may directly impact ISO ratings this resulting in a reduction of insurance premiums within Worcester County.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

Project cost estimated using actual numbers obtained from vendors for similar scope projects.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

This project has been added as support and parts availability for current equipment has expired.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

This is a critical project as the reliability of this service is essential for the alerting of Fire/EMS personnel.

**Project: Outdoor Warning Siren System**

**Dept Head, Title & Phone #:**

Billy Birch, Director of Emergency Services

**Project Summary:** This project seeks to replace the outdoor public warning system/fire siren system countywide. Current sirens within the system are aged 30 years and older are not backed up by battery power during a power outage and some distant sirens have communications issues.

**Purpose:** This project is being undertaken based upon concern expressed by the County Commissioners and fire service.

**Location:** Countywide

**Impacts on General Fund Operating, Personnel or Maintenance:** Execution of this project will impact general fund unless grant funding is identified.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	50,000							50,000
Land Acquisition								0
Site Work		50,000						50,000
Construction		750,000						750,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>50,000</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>850,000</b>

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds	50,000	800,000						850,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0
<b>TOTAL</b>	<b>50,000</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>850,000</b>

<b>PROJECTED OPERATING IMPACTS</b>	0	1,500	5,200	5,200	5,200			17,100
------------------------------------	---	-------	-------	-------	-------	--	--	--------



## **Project: Outdoor Warning Siren System**

---

Complete the following questions.

### **Project scope.**

Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?

Scope includes an engineering study on siren placement utilizing an external consultant, system design/ordering, and installation. Scope was determined by staff experience in similar projects. Historically, most sirens currently in use within Worcester County were provided by the Federal Office of Civil Defense and turned over to volunteer fire companies by Worcester County. Those sirens are of significant vintage and now face reliability issues.

### **County benefit.**

How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?

In addition to their use by volunteer fire companies, the core function of outdoor sirens is to alert the public to a critical emergency requiring their action. These situations range from tornadoes to evacuations, and even an enemy attack. This project, while replacing current sirens, seeks to extend the public warning function of outdoor sirens to critically underserved residents and visitors.

### **Cost estimate.**

How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?

Cost estimates for this project are based upon a "best guess" approach at this point in time. The estimate could be seriously impacted by site selection issues, connectivity issues, and similar items currently unknown. A critical item of the first year study will be to identify these issues and develop a direct project cost.

**CIP Timing.** If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?

This project is being requested at this time due to urgency expressed by the County Commissioners related to the reliability of the current system.

### **Urgency.**

Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?

System reliability will likely continue to be an issue should this project not be funded.

**Project: Public Safety Logistical Storage Facility**

**Dept Head, Title & Phone #:** Jeff McMahon, Fire Marshal, 410-632-5666

*Combined submission on behalf of Public Safety for the Department of Emergency Services, the Sheriff's Office and the Fire Marshal's Office*

**Project Summary:** A new building to house vehicle and storage for the Departments of Emergency Services, the Sheriff's Office and the Fire Marshal's Office. This building will hold the current 22 vehicles and the many trailers used by the three departments. Plus store all the Logistic Staging Area (LSA) inventory and supplies for all emergency preparation, to include pandemics, weather related emergencies, hazardous materials responses (CBRNE) and a secure impound facility for the Sheriff's Office.

**Purpose:** Currently there is a need due to no covered storage for vehicles and trailers containing expensive and sensitive equipment with the need to respond quickly. Although the County currently leases space for the LSA, the accessibility and security of the lease space is not desirable.

**Location:** The proposed location is on the Fire Training Center grounds owned by the County (12 acres of cleared land/adjacent to a proposed Public Safety Building).

**Impacts on General Fund Operating, Personnel or Maintenance:** The impacts, from a financial standpoint would be high. Partial funding for the project may qualify under grants provided from multiple sources, however that funding cannot be guaranteed. From a Personnel standpoint, no immediate additional personnel is projected for this project. Obviously there would be an increase in maintenance cost due to the larger size building.

	FY23	FY24	FY25	FY26	FY27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	100,000							100,000
Land Acquisition	0							0
Site Work	100,000	50,000						150,000
Construction		2,750,000						2,750,000
Equipment/Furnishings		50,000						50,000
Other		200,000						200,000
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>200,000</b>	<b>3,050,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,250,000</b>

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds	200,000							200,000
Private Donation								0
Enterprise Bonds								0
General Bonds		3,050,000						3,050,000
								0
								0
<b>TOTAL</b>	<b>200,000</b>	<b>3,050,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,250,000</b>

<b>PROJECTED OPERATING IMPACTS</b>	0	19,900	(22,600)	(19,600)	(16,600)			(38,900)
------------------------------------	---	--------	----------	----------	----------	--	--	----------

## **Project: Public Safety Logistical Storage Facility**

---

Complete the following questions.

### **Project scope.**

Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this mandated by Federal Law?

The project was discussed between the 3 public safety departments of Emergency Services, the Sheriff's Office and the Fire Marshal's Office. A larger "warehouse - clear span" style building is needed for several purposes. To include current vehicles inside (out of the weather) storage of critical response vehicles for a multitude array of purposes to support emergency management, law enforcement and hazardous materials and CBRNE (Chemical, Biological, Radiological, Nuclear and Explosive) type incidents.

### **County benefit.**

How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?

The project benefits the entire county. In addition to critical needs for county operated public safety departments, it also supplements the County's volunteer fire and EMS services and the incorporated towns. Not completing this project will further enhance the deterioration of current, as well as future, vehicles and apparatus that is damaged by exposure to weather elements currently being stored outside.

### **Cost estimate.**

How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?

The cost estimate was difficult to determine due to the current environment of supplies and materials. At this time building product cost vary day-to-day and have steadily increased over the past two years. There was no scope study performed, the demand for this is driven by the pandemic, the need for the LSA and the protection of current assets exceeding \$1,000,000 in value. A square foot estimate was not used because it is based on a "clear-span" type building. Similar Maryland recently constructed projects were researched by other county, state of federal agencies. The cost is a "best guess". A concern of material cost exist due to the current building industry material and labor problems.

**CIP Timing.** If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?

There is no CIP Timing. This project was driven by the pandemic, the need for a LSA and to reduce damage to current emergency equipment and vehicles stored outside. In the past two years the County has added to the vehicles and equipment which is stored outside in the harsh weather conditions.

### **Urgency.**

Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?

We consider this project critical. Protecting current assets is crucial. Planning to mitigate any of the emergencies this project could aide is a must for emergency management planning and preparation. Not funding or planning for this project will further hamper the growth and technology changes which occur between regional and national emergencies.

## Project: Public Safety Building

Dept Head, Title & Phone #: Sheriff Matthew Crisafulli 410-632-1111

### Project Summary:

Construction of Public Safety Facility

**Purpose:** To house the Sheriff's Office and Emergency Services, with potentially locating other agencies to the building such as the Fire Marshal's Office and a Child Advocacy Center.

**Location:** Parcel of land adjacent to Health Dept/Jail off of Route 113 or on the 12 acres of land where the Fire Training Center is located.

### Impacts on General Fund Operating, Personnel or Maintenance:

The new building amounts are based on the new MSP Cumberland Barrack that was recently opened and Wicomico County Public Safety Building.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	100,000		1,250,000					1,350,000
Land Acquisition								0
Site Work			1,000,000					1,000,000
Construction			15,000,000	15,000,000				30,000,000
Equipment/Furnishings				250,000				250,000
Other								0
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>100,000</b>	<b>0</b>	<b>17,250,000</b>	<b>15,250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32,600,000</b>

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds	100,000			250,000				350,000
Private Donation								0
Enterprise Bonds								0
General Bonds			17,250,000	15,000,000				32,250,000
								0
								0
<b>TOTAL</b>	<b>100,000</b>	<b>0</b>	<b>17,250,000</b>	<b>15,250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32,600,000</b>

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	250,500	251,500			502,000
------------------------------------	---	---	---	---------	---------	--	--	---------

## **Project: Public Safety Building**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

Current facilities are beyond capacity.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

Consolidation of Public Safety into one building will allow for improved coordination between departments and offices. This will also allow for future growth as mandated by the State Legislature.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

The best guess at costs comes from Wicomico County Public Safety facility and Cumberland County MSP Barrick.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

N/A

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

All of Public Safety have out grown existing spaces.

**Project: Asphalt Overlay/Pavement Preservation of County Roads**

Dept Head, Title & Phone #: Dallas Baker Jr., P.E., Public Works Director, 410-632-5623

**Project Summary:** Asphalt Overlay and pavement preservation of County Roads.

**Purpose:** To preserve and maintain the condition of roads within Worcester County.

**Location:** Various roads throughout Worcester County

**Impacts on General Fund Operating, Personnel or Maintenance:**

In FY10 the Highway User Revenue was cut significantly, therefore the General Fund has been funding the cost of our paving projects. The Highway User Revenue has not been restored which means the General Fund will have to continue funding our paving projects. By doing so this puts a strain on the County's General Fund Budget and also limits how much paving we are able to provide to the Citizens and guests of Worcester County.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design								0
Land Acquisition								0
Site Work								0
Construction	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,000,000		8,500,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,000,000</b>	<b>0</b>	<b>8,500,000</b>

<b>SOURCES OF FUNDS</b>								
General Fund	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,000,000		8,500,000
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0
<b>TOTAL</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,000,000</b>	<b>0</b>	<b>8,500,000</b>

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---

## **Project: Asphalt Overlay/Pavement Preservation of County Roads**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

To preserve and maintain the roads within Worcester County to allow for safe travel for the citizens and guests. It is not mandated by State or Federal Law. We do receive Highway User Revenue funds to cover transportation costs, however this allocation has been significantly reduced since FY10.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

This would benefit the County in general since the project covers all roads maintained by the County. Delay or discontinued funding will enhance deterioration of roads leading to unsafe travel. This could ultimately result in major road repairs leading to a more costly alternative than simply preserving and overlaying the roads.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

Estimate is based on paving projects prior to HUR funding cuts. Although our estimate is higher than previous funding, we feel that the roads in Worcester County are in need of more preservation and maintenance, also the price per ton for hot mix asphalt has increased tremendously along with fuel costs resulting in higher contractor costs and less roads being paved for the same amount of money. The additional funding would result in a regular surface treatment and overlays which would provide safer travels for all.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

NA

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

It is vital to continue to preserve and maintain our County Roads. By addressing the road maintenance/resurfacing issues early on rather than later, it will avoid costly repairs down the road. If not continued it can lead to a more significant impact not only financially but safety issues for the traveling public and property owners.

## Project: Renovation of Berlin Roads Division Building

Dept Head, Title & Phone #: Department of Public Works, Dallas Baker - Director P.E., 410-632-5623

Project Summary: Replace roof system and renovate existing second floor to create office space.

Purpose: Renovation

Location: 10146 North Main Street, Berlin, MD

Impacts on General Fund Operating, Personnel or Maintenance: Relocation of Roads Division personnel while renovation work is in progress.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design						23,550		23,550
Land Acquisition								0
Site Work								0
Construction	120,000					100,000		220,000
Equipment/Furnishings	200,000							200,000
Other								0
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>320,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>123,550</b>	<b>0</b>	<b>443,550</b>

<b>SOURCES OF FUNDS</b>								
	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds	320,000					123,550		443,550
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0
<b>TOTAL</b>	<b>320,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>123,550</b>	<b>0</b>	<b>443,550</b>

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---



## **Project: Renovation of Berlin Roads Division Building**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

This requested project is in response to County Administration's need to establish office spaces in the Northern portion of the County. The project scope will replace the building's failing roof system, renovate the second story floorplan, installation of a fiber optic communication system, fire alarm system upgrade for second floor users, purchase of office desk systems with file storage.

### **County benefit.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

This project will benefit county staff by reducing overcrowding in other facilities.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

Architectural fees were obtained following a meeting with a local firm. Communication requirements and associated pricing was obtained from the County's IT department. Fire alarm system requirements with pricing was obtained from the County's fire and security contractor. Generator, office furnishings, etc. were estimated as end user requirements are still pending.

### **CIP Timing.**

**If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

This project can be accomplished in phases with replacement of the roof system being paramount. Renovation to create office spaces should follow the roof replacement work.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

As with all buildings, preventing intrusion of rain water is key to longevity of the structure. Therefore, installation of a new roof system should occur without delay.

**Project: Gradall XL4100 V 6X4**

Dept Head, Title & Phone #: Dallas Baker Jr. P.E., Director Of Public Works 410-632-5623

**Project Summary:** To acquire a gradall to perform daily job duties to the citizens of Worcester County.

**Purpose:** Adding another gradall to our fleet would be a tremendous asset. We would be able to respond to emergency calls during storm events faster by having a gradall at our central shop in Snow Hill. We would be able to start and finish more projects in a timely manner by having another gradall to perform the work.

**Location:** Worcester County Roads

**Impacts on General Fund Operating, Personnel or Maintenance:** General preventative maintenance such as but not limited to filters, oil, tires, batteries etc.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design								0
Land Acquisition								0
Site Work								0
Construction								0
Equipment/Furnishings		500,000						500,000
Other								0
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

<b>SOURCES OF FUNDS</b>								
General Fund		500,000						500,000
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0
<b>TOTAL</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>
------------------------------------	----------	----------	----------	----------	----------	--	--	----------

## **Project: Gradall XL4100 V 6X4**

---

Complete the following questions.

### **Project scope.**

Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?

NA

### **County benefit.**

How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?

All citizens and guests of Worcester County would benefit, we would be able to respond to emergency calls for trees, washed out roads etc. faster by adding another gradall to cover more area of the County. We would also benefit by having a backup should another gradall go down for maintenance or repairs. We would be able to respond to work orders for pipes and ditching faster by having another gradall and crew available to perform the work and not have to wait for a gradall to become available which would ultimately result in improved times for work to be completed.

### **Cost estimate.**

How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?

The cost estimate was developed from Gradall through a Source-Well contract.

**CIP Timing.** If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?

NA

### **Urgency.**

Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?

The urgency to acquire a Gradall now would be that the price for them will only increase in future years, with that being said it is best to buy one now before our current Gradalls fail and begin to cost more money in repairs and outside repairs which would result in more money being spent on older equipment. It would be in the County's best intentions to acquire a Gradall sooner then later to save tax payer money in the long run and add a valuable piece of equipment to our fleet so we may provide the best service to the citizens and guests of Worcester County in a timely manner.

## Project: Lewis Road Sewer Extension

Dept Head, Title & Phone #: Dallas Baker, P.E., Director of Public Works 410-632-5623

**Project Summary:** Extension of sanitary sewer lines along Lewis Road to serve approximately 50 homes.

**Purpose:** The project is proposed to eliminate approximately 50 septic systems in an area of high groundwater.

**Location:** Lewis Road behind the Landings WWTP

**Impacts on General Fund Operating, Personnel or Maintenance:** The project will have no impact in the general funds operating, personnel or maintenance expenses. Operating expenses will be paid from user fees.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	98,000					72,000		170,000
Land Acquisition								0
Site Work								0
Construction	1,855,000							1,855,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>1,953,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>72,000</b>	<b>0</b>	<b>2,025,000</b>
<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds	1,446,000					72,000		1,518,000
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
ARPA	507,000							507,000
<b>TOTAL</b>	<b>1,953,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>72,000</b>	<b>0</b>	<b>2,025,000</b>
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>

## **Project: Lewis Road Sewer Extension**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

This project involves constructing a pipeline along Lewis Road and connecting all the homes in the community to this pipeline which will connect the community to the Landings wastewater treatment plant. The project has had a preliminary engineering report prepared for the method of transmission and service to the community. This report was mandated by USDA funding requirements. This project was a priority of the County Commissioners in the Fiscal Year 2017/2018.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

The primary benefit of this project is reduction of nutrients into the Coastal Bays and the connection of a community of poorly performing and failing septic's to public sewer. If this project is not done we will lose the USDA Funding and the community will continue to suffer with failing systems and the poorly drained soils in the area that will continue to contribute to the failure of systems in the future.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

Estimate was completed as a part of the preliminary engineering report. The report developed the scope of the project cost estimates and potential funding sources.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

This was a priority of the 2017/2018 County Commissioners. Timing of the Project will depend on available funding.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

This project is a priority and we have secured a great deal of funding to complete it.

## Project: Ocean Pines Belt Filter Press

Dept Head, Title & Phone #: Dallas Baker Jr., P.E., P.E., Director of Public Works 410-632-5623

Project Summary: Improvements in the Ocean Pines Service Area Includes:

-Replacing the Belt Filter Press

**Purpose:** The project is proposed to replacing an aging pieces of equipment and enhance solid handling at the WWTP.

**Location:** Ocean Pines Service Area

**Impacts on General Fund Operating, Personnel or Maintenance:** The project will have no impact on the general fund Operating, Personnel or Maintenance expenses.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		300,000						300,000
Land Acquisition								0
Site Work								0
Construction		4,300,000						4,300,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								
<b>TOTAL</b>	0	4,600,000	0	0	0	0	0	4,600,000

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Designated Funds								0
Private Donation								0
Enterprise Bonds		4,600,000						4,600,000
General Bonds								0
								0
								0
<b>TOTAL</b>	0	4,600,000	0	0	0	0	0	4,600,000

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---

## **Project: Ocean Pines Belt Filter Press**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

The existing belt press at the Ocean Pines Wastewater Treatment Plant was installed in 1996. Since that time, it has undergone major repairs but is no longer reliable. We are looking at the use of newer technologies now available to be installed at the treatment plant.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

The primary benefit of this project increases efficiency of the Ocean Pines Wastewater Treatment Plant solids handling activities.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

The cost estimate for the Belt Filter Press was taken from a preliminary engineering study conducted by George, Miles & Buhr in June 2021. The estimated impact to sewer debt service (EDU's) will increase the rate by \$7.51 per EDU per quarter assuming a 15 year bond. This estimate does not factor in interest rates on bond projects.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

The ongoing project is a part of a long term program of system upgrades for the entire Ocean Pines Water and Wastewater Systems.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

This project needs to be completed as a part of ongoing long term upgrades to the 50-year old Ocean Pines Water and Wastewater systems.

**Project: Mystic Harbour Water Treatment Plant Rehabilitation**

**Dept Head, Title & Phone #:** Dallas Baker Jr., P.E. Director - 410-632-5623

**Project Summary:** Rehabilitation of the Mystic Harbour water treatment plant building and equipment. The project includes rehabilitation of the exterior and interior of the Water Treatment building at Mystic Harbour. The exterior of the building needs a new roof, repair of the concrete block and either painting or siding to make the building more aesthetically acceptable. The building interior requires a new interior ceiling, cleaning and painting of the walls, sandblasting and painting of the interior piping and filters. In addition, there are a number of electrical improvements needed, safety issues addressed and chemical feed systems upgraded to current standards.

**Purpose:**  
To extend the life of the building

**Location:**  
Mystic Harbour

**Impacts on General Fund Operating, Personnel or Maintenance:**  
Project will be constructed and operated using Enterprise Funds.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	200,000							0
Land Acquisition								0
Site Work								0
Construction	1,200,000							0
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>1,400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan	1,400,000							1,400,000
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0
<b>TOTAL</b>	<b>1,400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,400,000</b>
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>



## **Project: Mystic Harbour Water Treatment Plant Rehabilitation**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

The Mystic Harbour Water Treatment Plant was constructed in 1975 and has been in continuous use since. The building the treatment equipment is housed in has never been updated. There are holes in the roof, corroded electrical panels, corroded equipment and support. In fall of 2021, local engineering firm George, Miles & Buhr conducted a feasibility study for rehabilitating the building. Their findings include rehabilitation of the exterior and interior of the building. The exterior of the building needs a new roof, repair of the concrete block and either painting or siding to make the building more aesthetically acceptable. The building interior requires a new interior ceiling, cleaning and painting of the walls, sandblasting and painting of the interior piping and filters. In addition, there are a number of electrical improvements needed, safety issues addressed and chemical feed systems upgraded to current standards.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

The project is required to maintain the operations of the Mystic Harbour Water system.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

The cost estimate is from the preliminary engineering study conducted in December 2021. The estimated impact to water debt service (EDU's) will increase the rate by \$7.78 per EDU per quarter if a loan is acquired.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

This project will need to be initiated in the next year. This is the first time this project is on the CIP.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

Continued development within the West Ocean City/Mystic Harbour Area will require adequate treatment and effluent disposal capacity. To continue well controlled economic growth in this area, these facilities are required.

**Project: Mystic Harbour Wastewater Treatment Plant Solids Dewatering & Storage Building Repair**

Dept Head, Title & Phone #: Dallas Baker Jr., P.E. Director - 410-632-5623

Project Summary: Mystic Harbour Solids Dewatering Upgrade, storage building repair

Purpose: Resolving the solids dewatering problems at the Mystic Harbour Wastewater Treatment Plant and rehabilitating the storage building.

Location: Mystic Harbour/West Ocean City

Impacts on General Fund Operating, Personnel or Maintenance: Project will be constructed and operated after applying for USDA Loan funding.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	50,000	200,000						250,000
Land Acquisition								0
Site Work								0
Construction	650,000	1,100,000	200,000					1,950,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								

<b>TOTAL</b>	<b>700,000</b>	<b>1,300,000</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,200,000</b>
--------------	----------------	------------------	----------------	----------	----------	----------	----------	------------------

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan	700,000	1,300,000	200,000					2,200,000
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0

<b>TOTAL</b>	<b>700,000</b>	<b>1,300,000</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,200,000</b>
--------------	----------------	------------------	----------------	----------	----------	----------	----------	------------------

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---

## **Project: Mystic Harbour Wastewater Treatment Plant Solids Dewatering & Storage Building Repair**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

This project includes improvement to the Mystic Harbour Wastewater Treatment Plant by construction of needed improvements to the sludge handling facilities. In addition, the scope of work includes improvements to the on-site storage building.

A detailed report has been prepared for the Water Treatment Plant to identify the needed improvements to the water treatment plant. The report addressed the needed improvements and estimated the cost of each. Some of the the minor items will be addressed in the annual operating budget but the major improvements will require capital funds.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

The purpose of this project is to permanently resolve the handling of bio-solids at the Mystic Harbour Wastewater Treatment Plant. The rehabilitation is required to maintain the operation of the Mystic Harbour Water system.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

The cost estimate for the sludge handling systems was taken from a recently completed study of alternatives to resolve the issue. The cost estimate for effluent disposal was a historical "best guess" based on recent experience with disposal of effluent. A detailed report and condition assessment was completed for the Water Treatment Plant.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

There is no change to the timing for this project.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

Continued development within the West Ocean City/Mystic Harbour Area will require adequate public utilities. The only County owned wastewater facility in this area is the Mystic Harbour Wastewater Treatment Plant. To continue well controlled economic growth in this area, these plant improvements are required.

The Water Treatment Plant is the primary supplier of water to the Mystic Harbour and West Ocean City Area.

**Project: Landings Water Tower Rehabilitation and Painting**

Dept Head, Title & Phone #: Dallas Baker Jr., PE Director of Public Works  
410-632-5632

Project Summary: Painting and rehabilitation of the Landings Water Tower.

Purpose: Extending the life of the Landings Water Tower

Location: Landings Service Area

Impacts on General Fund Operating, Personnel or Maintenance: None - Work to be completed under the Enterprise Fund.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		30,000						30,000
Land Acquisition								0
Site Work								0
Construction		550,000						550,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								

<b>TOTAL</b>	0	580,000	0	0	0	0	0	580,000
--------------	---	---------	---	---	---	---	---	---------

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds		580,000						580,000
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0

<b>TOTAL</b>	0	580,000	0	0	0	0	0	580,000
--------------	---	---------	---	---	---	---	---	---------

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---

## **Project: Landings Water Tower Rehabilitation and Painting**

---

Complete the following questions.

### **Project scope.**

Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?

Repainting and miscellaneous improvements to the Landings Water Tower.

### **County benefit.**

How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?

Extending the life of an important water storage tower.

### **Cost estimate.**

How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?

Estimated developed from water tower inspection in December 2021 and historical costs from other tower painting projects. The estimated impact to water debt service (EDU's) will increase the rate by \$24.17 per EDU per quarter if a loan is obtained.

**CIP Timing.** If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?

First time on the CIP

### **Urgency.**

Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?

Waiting will just increase the deterioration and increase rehabilitation cost.

## Project: Riddle Farm Water Tower Rehabilitation, Painting & Lowering

Dept Head, Title & Phone #: Dallas Baker Jr., PE Director of Public Works  
410-632-5632

**Project Summary:** Painting, Lowering and rehabilitation of the Riddle Farm Water Tower

**Purpose:** Extend the life of the Riddle Farm Water Tower and to lower the tower and bring it to the same hydraulic elevation as surrounding service areas.

**Location:** Riddle Farm Service Area

**Impacts on General Fund Operating, Personnel or Maintenance:** None - Work to be completed under the Enterprise Fund.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		50,000						50,000
Land Acquisition								0
Site Work								0
Construction		600,000						600,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								
<b>TOTAL</b>	0	650,000	0	0	0	0	0	650,000

<b>SOURCES OF FUNDS</b>								
	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
General Fund								0
User Fees								0
Grant Funds		650,000						650,000
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0
<b>TOTAL</b>	0	650,000	0	0	0	0	0	650,000

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---

## **Project: Riddle Farm Water Tower Rehabilitation, Painting & Lowering**

Complete the following questions.

### **Project scope.**

Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?

Repainting, lowering and miscellaneous improvements to the Riddle Farm Water Tower.

### **County benefit.**

How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?

Extending the life of an important water storage tower. Lowering the tower will allow for better compatibility with adjoining service areas.

### **Cost estimate.**

How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?

Estimate developed from water tower inspection in December 2021 and historical costs from other tower painting projects.

**CIP Timing.** If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?

First time on the CIP

### **Urgency.**

Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?

Waiting will increase the deterioration and increase rehabilitation cost

## Project: Mystic Harbour Water Treatment Plant Expansion & Effluent Disposal System

Dept Head, Title & Phone #: Dallas Baker Jr., P.E. Director - 410-632-5623

**Project Summary:** Mystic Harbour Treatment Plant expansion and improvements to the effluent disposal systems.

**Purpose:**

Expanding the Mystic Harbour Treatment Plant and consolidating the effluent disposal system to optimize the effluent disposal systems. The following activities are proposed:

- 1) Rehabilitate the Assateague Point Lagoon and convert into a wastewater effluent holding facility.
- 2) Expand the Mystic Harbour Wastewater Treatment Plant by placing treatment unit tank 4 into service (150,999 gpd)
- 3) Interconnect effluent piping from Mystic Harbour and Landings to allow more disposal options.

**Location:**

Mystic Harbour, West Ocean City, Landings and Assateague Point

**Impacts on General Fund Operating, Personnel or Maintenance:**

Project will be constructed and operated using Enterprise Funds.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design			100,000					100,000
Land Acquisition								0
Site Work								0
Construction			2,000,000					2,000,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>2,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,100,000</b>
<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds			2,100,000					2,100,000
General Bonds								0
								0
								0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>2,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,100,000</b>
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>



## **Project: Mystic Harbour Water Treatment Plant Expansion & Effluent Disposal System**

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

This project includes combining the Mystic Harbour, Landings and Assateague Point Service areas for the purpose of effluent disposal. The lagoon at Assateague Point will have the lagoon liner, which has outlived its useful life. The liner needs to be replaced and the lagoon will then function as an effluent holding pond.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

The purpose of this project is to provide a needed treatment plant capacity and related effluent disposal by taking most advantage of the available resources.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

The cost estimate for the lagoon rehabilitation was taken from a recently completed study of the facility. The cost of the effluent disposal lines was taken from recently opened unit pipe bids. The cost for opening treatment tank 4 was internally estimated.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

This project will need to be initiated in the next year or two to have the capacity available when the current available EDU's are assigned.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

Continued development within the West Ocean City/Mystic Harbour Area will require adequate treatment and effluent disposal capacity. To continue well controlled economic growth in this area, these facilities are required.

**Project: Riddle Farm and Mystic Harbour Effluent Disposal Interconnection**

Dept Head, Title & Phone #: Dallas Baker Jr., P.E. Director of Public Works 410-632-5623

**Project Summary:** An interconnection between the effluent disposal systems in Riddle Farm and Mystic Harbour would benefit both service areas by offering multiple options for effluent disposal.

**Purpose:** To improve the ability of the treatment plant operators to dispose of treatment plant effluent.

**Location:** Riddle Farm/Mystic Harbour

**Impacts on General Fund Operating, Personnel or Maintenance:** None - All work to be done under the Enterprise fund.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design				70,000	80,000			150,000
Land Acquisition					50,000			50,000
Site Work								0
Construction				500,000	1,000,000			1,500,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								

<b>TOTAL</b>	0	0	0	570,000	1,130,000	0	0	1,700,000
--------------	---	---	---	---------	-----------	---	---	-----------

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds				570,000	1,130,000			1,700,000
General Bonds								0
								0
								0

<b>TOTAL</b>	0	0	0	570,000	1,130,000	0	0	1,700,000
--------------	---	---	---	---------	-----------	---	---	-----------

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---

## **Project:Riddle Farm and Mystic Harbour Effluent Disposal Interconnection**

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

The concept for this project would be to interconnect the effluent disposal systems from the Riddle Farm Service Area with the effluent disposal systems serving Mystic Harbour and Landings. By making this interconnection, all plants would have the ability to dispose of effluent from multiple sources - the 36 hole golf courses at Riddle Farm, the 18 holes of golf courses at Eagle's Landing, the injection wells at Mystic Harbour or at Landings, or the spray irrigation system at Assateague Point. With all of these choices, reliable effluent disposal would be available for the foreseeable future.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

Reliable effluent disposal systems are key to continued use of the current wastewater treatment systems.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

No specific studies have been completed at this time. Estimate was based on measured pipeline lengths and current unit prices.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

First time on the CIP.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

Growth continues to be reliant on viable effluent disposal.

**Project: Solid Waste Cell 1 Pump Station**

**Dept Head, Title & Phone #:** Mike Mitchell, Solid Waste Superintendent, 410-632-3177

**Project Summary:** Rehabilitation of Cell 1 leachate pump stations (four).

**Purpose:** Replace existing leachate pumps, piping, valves, appurtenances and controls. Rehabilitate existing pump houses. Four pump stations in total, all equipment is original, installed in 1990.

**Location:** Central Landfill

**Impacts on General Fund Operating, Personnel or Maintenance:** None

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	70,000							70,000
Land Acquisition								0
Site Work								0
Construction	550,000							550,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>620,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>620,000</b>

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees	620,000							620,000
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0
<b>TOTAL</b>	<b>620,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>620,000</b>

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---

## **Project: Solid Waste Cell 1 Pump Station**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

Replace 30 year old pumps, piping, valves, appurtenances, and controls in 4 leachate pump stations. MDE landfill permit only allows 12" of leachate on top of the cell liner. The pumps are needed to remove the leachate from the bottom of the cell 1 and keep leachate levels below the permitted level.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

The County benefits by not receiving fines from MDE for violating our permit.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

The cost estimate based on discussions with the engineering firm contracted to oversee regulatory compliance at the landfill.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

This is a new project that was added for FY23.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

This project is critical.

**Project: Solid Waste Administration Scale House Renovation & Addition**

Dept Head, Title & Phone #: Mike Mitchell, Solid Waste Superintendent, 410-632-3177

Project Summary: Administration Scale House Renovation and Addition

Purpose: Renovate and add on to the Landfill Administration Office to increase and modernize space to become ADA compliant.

Location: Central Landfill

Impacts on General Fund Operating, Personnel or Maintenance: None

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		50,000						50,000
Land Acquisition								0
Site Work								0
Construction		350,000	350,000					700,000
Equipment/Furnishings			50,000					50,000
Other								0
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>0</b>	<b>400,000</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800,000</b>

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees		400,000	400,000					800,000
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0
<b>TOTAL</b>	<b>0</b>	<b>400,000</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800,000</b>

<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>
------------------------------------	----------	----------	----------	----------	----------	--	--	----------

## **Project: Solid Waste Administration Scale House Renovation & Addition**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

Renovate and construct an addition to the existing scale house/administration office at the landfill.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

This project will benefit the landfill administrative employees. The building has not been renovated in over 20 years. It needs updates and additions plus a separation from between landfill employees and administrative employees as well as updating the facilities for ADA compliance.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

The cost estimate based on proposed scope of work and previous building costs.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

This is a new project that was added for FY23 and FY24.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

This project is not critical , but it is something that would be good to do if resources are available.

**Project: West Ocean City Commercial Harbor**

Dept Head, Title & Phone #: Kelly Rados, Director of Recreation & Parks

Project Summary: West Ocean City Commercial Harbor Bulkhead

Purpose: Repair and replacement bulkhead

Location: West Ocean City Commercial Harbor

**Impacts on General Fund Operating, Personnel or Maintenance:**

Current commercial fishing leases are tied to the site. The failing bulkhead will impact the general fund since there is no grant funding available for operations and maintenance. Waterway grant funding is only available for publicly used areas, not for commercially leased sites.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design						25,000		25,000
Land Acquisition						0		0
Site Work						50,000		50,000
Construction	400,000					1,000,000		1,400,000
Equipment/Furnishings								0
Other						50,000		50,000
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,125,000</b>	<b>0</b>	<b>1,525,000</b>

<b>SOURCES OF FUNDS</b>								
General Fund						25,000		25,000
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds	400,000					1,100,000		1,500,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0
<b>TOTAL</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,125,000</b>	<b>0</b>	<b>1,525,000</b>

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---



## **Project: West Ocean City Commercial Harbor**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

There is 900 feet of deteriorated steel bulkhead at the West Ocean City Commercial Harbor. Steel sheeting, tie backs, etc. are in desperate need of replacement.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

This project will help maintain the future of the commercial harbor and fishing industry. It insures continuation of revenues from leased spaces.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

There was \$25,000 of engineering completed in FY2020-2021 general fund budget, completed by Stacey Hart & Associates. Previous estimate of the project was \$1,100,000. Estimate has since increased to \$1,500,000 due to increased material costs.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

Project needs to be completed as soon as possible.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

Urgent - Pending failure with any future storms possible. There is no grant funding available for "Commercial" operations.

**Project: Ocean City Inlet and Harbor Navigation Improvement Project**

Dept Head, Title & Phone #: Robert Mitchell, Director, Dept. of Env. Programs 410-632-1220

**Project Summary:** Building a structure to alter patterns for sediment deposit, deepening the channel and realigning the channel to deeper water.

**Purpose:** This is a project to provide a long-term solution to manage the shoaling in the Ocean City Inlet and provide for the safety of vessels using that waterway.

**Location:** Ocean City Inlet, Ocean City, Maryland

**Impacts on General Fund Operating, Personnel or Maintenance:**

The project will have a slight impact on the General Fund to provide the local contributions needed to provide the 10% local match that Maryland DNR cannot cover.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	189,000	189,000						378,000
Land Acquisition								0
Site Work								0
Construction	400,000	9,622,000						10,022,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>589,000</b>	<b>9,811,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,400,000</b>

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds		9,622,000						9,622,000
State Match		189,000						189,000
State Loan								0
Assigned Funds	589,000							589,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0
<b>TOTAL</b>	<b>589,000</b>	<b>9,811,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,400,000</b>

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---

## **Project: Ocean City Inlet and Harbor Navigation Improvement Project**

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

This scope and the solutions were determined after design and modeling done by the US Army Corps of Engineers. Authority for Army Corps Navigation improvement projects are authorized by Section 107 of the Federal River and Harbor Act of 1960. The Corps utilized extensive local interviews and information in the design and modeling done for this project's proposed construction solutions.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

This is a navigational improvement project designed to improve safety and provide a long term solution to the shoaling in the Ocean City Inlet. Section 107 projects are formulated for commercial navigation. Economic justification for projects based on analysis of operating costs for commercial vessels. Benefits of navigation improvements must outweigh costs (benefit to cost ratio) to proceed. They do in this case as was presented to the County in a Corps Open House meeting on the project held in Worcester County on 8-17-21.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate? We would note that the Corps included 39% figure for contingencies in their project estimate, as stated in the August 2021 presentation.**

Estimate was completed as a part of the ongoing design and modeling required for projects of this type. The design and modeling report considered storm effects and different design options. Engineers estimate is between \$8.4 to \$10.4 million to complete the project. The concerns really are with the local input, the amount that MD DNR can contribute to the 10% local input required. The 400,000 bond estimate was if the project went to the higher estimate figure and Worcester has to fund the local contribution by ourselves.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

This project was pledged \$300,000 by the County and \$300,000 by MDE/DNR to provide the initial local contribution needed to get this very important project through design and modeling stage to construction.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

The shoaling in the Ocean City Inlet is getting worse with each passing year and is a danger to vessels operating in the channel. A long term solution is desperately needed now. Federal by pass funding for the the Assateague Island Restoration Project will cease in 2027. After that time we will be dependent on maintenance and emergency funds to clean the inlet. This Section 107 project is the only was to complete a long term solution for the area.

**Project: Worcester County Sports Complex**

Dept Head, Title & Phone #: Kelly Rados, Director of Recreation & Parks, 410-632-2144 x2502

**Project Summary: Multi-Purpose Sports Complex**

**Purpose:** To acquire approximately 100 acres for the development of a sports complex (multi-purpose fields, tournament central with restrooms, parking and concessions) with a conceptual plan for recreation and travel sports in the Northern end of the county. Park amenities would also include walking trails, ponds and a playground. The main purpose for this project is to provide Worcester County residents and guests more recreational programming and event opportunities by providing additional field space.

**Location:** Northern Worcester County

**Impacts on General Fund Operating, Personnel or Maintenance:** The project would increase cost in the form of utilities, irrigation cost, field maintenance equipment/supplies and personnel, if not privately managed as intended.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	123,930							123,930
Land Acquisition						2,385,451		2,385,451
Site Work	5,000,000							5,000,000
Construction	7,350,000							7,350,000
Equipment/Furnishings	525,000							525,000
Other								0
<b>EXPENDITURES</b>								

<b>TOTAL</b>	<b>12,998,930</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,385,451</b>	<b>0</b>	<b>15,384,381</b>
--------------	-------------------	----------	----------	----------	----------	------------------	----------	-------------------

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds	800,100					1,985,451		2,785,551
State Match								0
State Loan								0
Assigned Funds						400,000		400,000
Private Donation	1,000,000							1,000,000
Enterprise Bonds								0
General Bonds	11,198,830							11,198,830
								0
								0

<b>TOTAL</b>	<b>12,998,930</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,385,451</b>	<b>0</b>	<b>15,384,381</b>
--------------	-------------------	----------	----------	----------	----------	------------------	----------	-------------------

<b>PROJECTED OPERATING IMPACTS</b>	0	0	(146,000)	(155,200)	(166,240)			(467,440)
------------------------------------	---	---	-----------	-----------	-----------	--	--	-----------

## **Project: Worcester County Sports Complex**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

Design and development of land in the northern section of the county for the construction of a sports complex. The need was identified in the previous survey associated with the LPPRP, and supported by the population proximity analysis.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

It increases our capacity to drive "in house" revenue. Enhances capacity to host tournament play, providing an economic benefit for Worcester County businesses. It would offer large benefits by creating more programming opportunity for county citizens in the north.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

Cost estimated was provided to us by a design and development company, based on similar projects. Cost of materials continue to increase along with availability.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

Unknowns with regard to amounts of future POS funding allocations may cause an adjustment in the time line.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

The most urgent aspect is the availability of supplies and the rising costs of materials associated with development and construction.

**Project: Stephen Decatur Middle School Addition**

Dept Head, Title & Phone #: Vince Tolbert, Chief Financial Officer Board of Ed, 410 632-5063

Project Summary: Addition to Stephen Decatur Middle School

Purpose: Provide additional classrooms to alleviate overcrowding and eliminate nine portable classrooms.

Location: 9815 Seahawk Road, Berlin, MD. 21811

Impacts on General Fund Operating, Personnel or Maintenance:

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation (FY20-21-22)	Balance to Complete	Total Project Cost
Engineering/Design	65,769					544,231		610,000
Land Acquisition								0
Site Work	492,887					492,887		985,774
Construction	4,825,600					6,007,486		10,833,086
Equipment/Furnishings	489,630					1,047,749		1,537,379
Other (Construction Manager)	647,222					638,778		1,286,000
<b>EXPENDITURES</b>								
<b>TOTAL</b>	<b>6,521,108</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,731,131</b>	<b>0</b>	<b>15,252,239</b>

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match						4,814,000		4,814,000
State Loan								0
Assigned Funds						414,055		414,055
Private Donation								0
Enterprise Bonds								0
General Bonds	6,521,108					3,503,076		10,024,184
								0
								0
<b>TOTAL</b>	<b>6,521,108</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,731,131</b>	<b>0</b>	<b>15,252,239</b>

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---

## **Project: Stephen Decatur Middle School Addition**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

Stephen Decatur Middle School was constructed in 1997. During design of the new school, building systems were provided to allow for a 12-15 classroom addition in anticipation of future population growth in the north end of the county. SDMS currently utilizes nine portable classrooms for instruction. Projected SDMS enrollment projections indicate continued growth to 730 students. The design process has developed a 25,000 square foot addition.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

Completion of the addition project will provide current and future students and faculty the facilities necessary for high-quality instruction for the SDMS student population and will allow removal of the aging portable classrooms at the SDMS site.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

Construction bids for the project were received in June 2021. Bids were approved by the Worcester County Board of Education in September 2021 and by the Worcester County Commissioners on October 5, 2021.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

The approval of funding for the Stephen Decatur Middle School Addition project determines the start of the Snow Hill Middle/Cedar Chapel Special School roof replacement project. The State of Maryland Interagency Commission on School Construction approved \$4,814,000 state funding for the SDMS Addition project in the FY 2022 Capital Improvement Program.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

Enrollment projections through 2028 indicate that the SDMS student population will grow from a total of enrollment of 686 students to 730 students in 2027. These students will be enrolled in a school with a local-rated capacity of 638 students and a school at which nine portable classrooms are currently being utilized for additional instructional space.

**Project: Snow Hill Middle/Cedar Chapel Special School - Roof Replacement**

Dept Head, Title & Phone #: Vince Tolbert, Chief Financial Officer Board of Ed, 410 632-5063

Project Summary: Replace Roof - Snow Hill Middle School / Cedar Chapel Special School

Purpose: Demolish existing and install 107,175 square feet of new roof.

Location: 522/510 Coulbourne Lane, Snow Hill, MD, 21863

Impacts on General Fund Operating, Personnel or Maintenance: Ongoing maintenance has escalated over the past few years as the existing roofs continue to deteriorate and the Maintenance Department must address alligatoring, blistering, exposed felt and expansion joint and counter flashing concerns.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	103,000							103,000
Land Acquisition								0
Site Work								0
Construction		3,826,000						3,826,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								

<b>TOTAL</b>	103,000	3,826,000	0	0	0	0	0	3,929,000
--------------	---------	-----------	---	---	---	---	---	-----------

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match		1,822,000						1,822,000
State Loan								0
Assigned Funds	103,000							103,000
Private Donation								0
Enterprise Bonds								0
General Bonds		2,004,000						2,004,000
								0
								0

<b>TOTAL</b>	103,000	3,826,000	0	0	0	0	0	3,929,000
--------------	---------	-----------	---	---	---	---	---	-----------

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---



## **Project: Snow Hill Middle/Cedar Chapel Special School - Roof Replacement**

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

Ongoing roof inspections by an independent roofing contractor have resulted in prioritization of the replacement of the Snow Hill Middle School and Cedar Chapel Special School roofs. The deteriorating condition of the roofs has also been documented by the State of Maryland Public School Construction Program (PSCP) inspectors.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

Completion of the roof replacement project will provide current and future students and staff with a sound roof structure and will eliminate roof leaks encountered at the school.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

Current working construction and project cost estimates were developed based upon bids received from roof contractors for the Pocomoke Middle School Roof Replacement project (bid in December 2020) and through discussion with roof manufacturer regarding current and projected roof replacement square foot costs. There are no concerns with the estimate.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

The Snow Hill Middle/Cedar Chapel Special School roof replacement project request timing is consistent with previous Board of Education and County Capital Improvement Programs. Funding approval for this project will determine the start of the following major construction project, a roof replacement project at Pocomoke Elementary School.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

As stated above, the Snow Hill Middle School and Cedar Chapel Special School roofs continues to deteriorate over time. The project is the second in a series of three major roof replacement projects (PMS, SHMS/CCSS and PES).

**Project: Buckingham Elementary Replacement School**

Dept Head, Title & Phone #: Vince Tolbert, Chief Financial Officer, Board of Education, 410 632-5063

**Project Summary:** Buckingham Elementary Replacement School

**Purpose:** Demolish existing school and construct replacement school. A Feasibility Study will be executed in summer/fall 2022 to investigate construction options including renovation/addition or replacement school.

**Location:** 100 Buckingham Road, Berlin, Md. 21811

**Impacts on General Fund Operating, Personnel or Maintenance:** The Buckingham Elementary Replacement School will provide more square footage than the existing 49,000 square feet school. However, with energy efficiency elements included in the future design of the replacement school and new building systems requiring minimum maintenance costs, the impact on general funds is not expected to rise significantly.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
	(FY28 - 29)							
Engineering/Design	380,373	1,224,523	1,457,969	163,754	300,330	0	398,695	3,925,644
Land Acquisition								0
Site Work								0
Construction					20,217,068	0	33,695,113	53,912,181
Equipment/Furnishings				19,600	1,013,380	0	2,722,007	3,754,987
Other (Construction Manager)				520,597	1,709,850	0	2,742,036	4,972,483

**EXPENDITURES**

<b>TOTAL</b>	<b>380,373</b>	<b>1,224,523</b>	<b>1,457,969</b>	<b>703,951</b>	<b>23,240,628</b>	<b>0</b>	<b>39,557,851</b>	<b>66,565,295</b>
--------------	----------------	------------------	------------------	----------------	-------------------	----------	-------------------	-------------------

**SOURCES OF FUNDS**

General Fund								0
User Fees								0
Grant Funds								0
State Match					5,573,000		5,573,000	11,146,000
State Loan								0
Assigned Funds	380,373	1,224,523						1,604,896
Private Donation								0
Enterprise Bonds								0
General Bonds			1,457,969	703,951	17,667,628		33,984,851	53,814,399
								0
								0

<b>TOTAL</b>	<b>380,373</b>	<b>1,224,523</b>	<b>1,457,969</b>	<b>703,951</b>	<b>23,240,628</b>	<b>0</b>	<b>39,557,851</b>	<b>66,565,295</b>
--------------	----------------	------------------	------------------	----------------	-------------------	----------	-------------------	-------------------

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---

## **Project: Buckingham Elementary Replacement School**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

The Buckingham Elementary School project will begin with a Feasibility Study, scheduled for summer/fall 2022. The Study will provide a comprehensive evaluation of the existing school, providing data on the schools' condition, systems and instructional deficiencies. The Study will also provide the architectural/engineering recommendation regarding renovation and addition to the existing school or construction of a replacement school. This project is tentatively being titled "Replacement School".

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

Completion of the construction project will provide current and future students, faculty and Buckingham Elementary parents and community with a complete upgrade to the existing 43-year-old facility.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

Preliminary, pre-design cost estimate was developed by the BOE Facilities Department through school construction cost estimating worksheet developed and updated through execution of six major school construction projects, including the Showell Elementary Replacement School project, over the past twenty years. There are no concerns with the conceptual estimate.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

The Buckingham Elementary School project request timing is consistent with previous Board of Education and County Capital Improvement Programs.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

Buckingham Elementary is a 43-year-old facility with aging structural/mechanical/electrical systems and five portable classrooms utilized for instructional space. Maintenance and repair costs will only increase as the building systems continue to age.

**Project: Pocomoke Elementary School - Roof Replacement**

Dept Head, Title & Phone #: Vince Tolbert, Chief Financial Officer Board of Ed, 410 632-5063

**Project Summary:** Replace Roof - Pocomoke Elementary School

**Purpose:** Demolish existing roof and install 52,512 square feet of new roof.

**Location:** 2119 Pocomoke Beltway, Pocomoke, MD. 21863

**Impacts on General Fund Operating, Personnel or Maintenance:** Ongoing maintenance has escalated over the past few years as the existing roof continues to deteriorate and the Maintenance Department must address alligating, blistering, exposed felt and expansion joint and counter flashing concerns.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design			107,000					107,000
Land Acquisition								0
Site Work								0
Construction				1,933,000				1,933,000
Equipment/Furnishings								0
Other								0
<b>EXPENDITURES</b>								

<b>TOTAL</b>	0	0	107,000	1,933,000	0	0	0	2,040,000
--------------	---	---	---------	-----------	---	---	---	-----------

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match				921,000				921,000
State Loan								0
Assigned Funds			107,000					107,000
Private Donation								0
Enterprise Bonds								0
General Bonds				1,012,000				1,012,000
								0
								0

<b>TOTAL</b>	0	0	107,000	1,933,000	0	0	0	2,040,000
--------------	---	---	---------	-----------	---	---	---	-----------

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---

## **Project: Pocomoke Elementary School - Roof Replacement**

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

Ongoing roof inspections by an independent roofing contractor have resulted in prioritization of the replacement of the Pocomoke Elementary School roof. The deteriorating condition of the roof has also been documented by the State of Maryland Public School Construction Program (PSCP) inspectors.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

Completion of the roof replacement project will provide current and future students and staff with a sound roof structure and will eliminate roof leaks encountered at the school.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

Current working construction and project cost estimates were developed based upon bids received from roof contractors for the Pocomoke Middle School Roof Replacement (bid in December 2020) and through discussion with roof manufacturer regarding current and projected roof replacement square foot costs. There are no concerns with the estimate.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

The Pocomoke Elementary School roof replacement project request timing is consistent with previous Board of Education and County Capital Improvement Programs. Funding approval for this project will determine the start of the following major construction project, a renovation or replacement school at Buckingham Elementary.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

As stated above, the Pocomoke Elementary School roof continues to deteriorate over time. The project is the third in a series of three major roof replacement projects (PMS, SHMS/CCSS and PES).

**Project: Snow Hill Elementary Replacement School**

Dept Head, Title & Phone #: Vince Tolbert, Chief Financial Officer, Board of Education, 410 632-5063

**Project Summary:** Snow Hill Elementary Replacement School

**Purpose:**

Demolish existing school and construct replacement school. A Feasibility Study will be executed in summer/fall 2025 to investigate construction options including renovation/addition or replacement school.

**Location:** 515 Coulbourne Lane, Snow Hill, MD, 21863

**Impacts on General Fund Operating, Personnel or Maintenance:**

The Snow Hill Elementary Replacement School will provide more square footage than the existing 40,500 square foot school. However, with energy efficiency elements included in the future design of the replacement school and new building systems requiring minimum maintenance costs, the impact on general funds is not expected to rise significantly.

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete (FY 28-32)	Total Project Cost
Engineering/Design				337,244	970,996	0	1,866,123	3,174,363
Land Acquisition								0
Site Work								0
Construction						0	43,525,919	43,525,919
Equipment/Furnishings						0	3,207,676	3,207,676
Other (Construction Manager)						0	4,014,526	4,014,526

**EXPENDITURES**

<b>TOTAL</b>	0	0	0	337,244	970,996	0	52,614,244	53,922,484
--------------	---	---	---	---------	---------	---	------------	------------

**SOURCES OF FUNDS**

General Fund				337,244	970,996	0	1,755,752	3,063,992
User Fees								0
Grant Funds								0
State Match							12,537,000	12,537,000
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds							38,321,492	38,321,492
								0
								0

<b>TOTAL</b>	0	0	0	337,244	970,996	0	52,614,244	53,922,484
--------------	---	---	---	---------	---------	---	------------	------------

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---

## **Project: Snow Hill Elementary Replacement School**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

The Snow Hill Elementary School project will begin with a Feasibility Study, scheduled for summer/fall 2025. The Study will provide a comprehensive evaluation of the existing school, providing data on the schools' condition, systems and instructional deficiencies. The Study will also provide the architectural/engineering recommendation regarding renovation and addition to the existing school or construction of a replacement school. This project is tentatively being titled "Replacement School".

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

Completion of the construction project will provide current and future students, faculty and Snow Hill Elementary parents and community with a complete upgrade to the existing 42-year-old facility.

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

Preliminary, pre-design cost estimate was developed by the BOE Facilities Department through school construction cost estimating worksheet developed and updated through execution of six major school construction projects, including the Showell Elementary Replacement School project, over the past twenty years. There are no concerns with the conceptual estimate.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

The Snow Hill Elementary School project request timing is consistent with previous Board of Education and County Capital Improvement Programs.

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

Snow Hill Elementary is a 42-year-old facility with aging structural/mechanical/electrical systems and five portable classrooms utilized for instructional space. Maintenance and repair costs will only increase as the building systems continue to age.

**Project: Wor-Wic Applied Technology Building**

**Dept Head, Title & Phone #:**

Jennifer Sandt, Wor-Wic Community College, Vice President for Administrative Services, 410-334-2911

**Project Summary:**

Construct a new applied technology building and roadway/parking infrastructure.

**Purpose:**

Wor-Wic is proposing to build a new 40,000 S.F. building, reconfigure internal circulatory roads and the campus' main entrance, expand the campus' existing utility services, and expand the existing Brunkhorst Hall parking lot.

The purpose of this building is to assist the college with meeting its strategic goals to strengthen the alignment of programs and courses with local employer needs and expand facilities to address student and institutional needs. The roadway and parking lot enhancements are necessary to improve the flow of traffic and improve pedestrian safety.

**Location:**

Wor-Wic Community College, 32000 Campus Drive, Salisbury, MD 21804

**Impacts on General Fund Operating, Personnel or Maintenance:**

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design						145,784		145,784
Land Acquisition								0
Site Work								0
Construction	191,672					2,196,188		2,387,860
Equipment/Furnishings	225,105							225,105
Other								0
<b>EXPENDITURES</b>								

<b>TOTAL</b>	<b>416,777</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,341,972</b>	<b>0</b>	<b>2,758,749</b>
--------------	----------------	----------	----------	----------	----------	------------------	----------	------------------

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds	416,777					2,341,972		2,758,749
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0

<b>TOTAL</b>	<b>416,777</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,341,972</b>	<b>0</b>	<b>2,758,749</b>
--------------	----------------	----------	----------	----------	----------	------------------	----------	------------------

<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>
------------------------------------	----------	----------	----------	----------	----------	--	--	----------



## **Project: Wor-Wic Applied Technology Building**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

Wor-Wic is committed to continuing its role as an economic driver for the Lower Eastern Shore. In order to retain and attract new industries and keep the local workforce competitive, the college must provide its constituents with state-of-the-art technical training facilities. According to the Georgetown Center on Education and the Workforce, by 2020, the US is expected to face a shortage of 5 million workers equipped with technical certificates and credentials.

In order to respond to the workforce needs of the community, Wor-Wic is planning to add associate degrees in industrial technology, supply chain management and alternative energy with career or industry certificates in the areas of electrical, heating, ventilation and air conditioning (HVAC), welding, plumbing, logistics, wind and solar within the next 5 years. Over the past few years, the college has increased its nursing, radiologic technology and emergency services programs, and expanded its program offerings to include occupational therapist assistant and physical therapy assistant programs. Allied health programs expanded again in FY 2020 with the approval of the computed tomography (CT) certificate. The college also plans to add magnetic resonance imaging (MRI) and medical coder certificates, and an associate degree in sleep technology by 2029.

The IT department moved into Shockley Hall in 2011. There were 11 employees housed within the IT department when they moved into the new building, and the suite was already too small to accommodate them. There are currently 16 employees housed within the suite. At present, the IT suite does not include a storage area to store or receive new equipment, and there is not any space to triage or troubleshoot computers and AV equipment, or stage new equipment.

The allied health department has outgrown its space on the third floor of Shockley Hall. There are faculty and staff doubling-up in offices and receptionist areas that have been converted into desk space for associates. In order to offer additional allied health programs and maintain the proper delivery of current academic offerings in allied health, we will need additional staffing and additional space for allied health offices.

The inadequacy of space will prevent the college from offering any new credit applied technology programs, and will prevent the current allied health programs from growing. The lack of facilities will also prohibit the college from expanding its non-credit courses in the skilled trades areas.

The growth of the campus has impacted/exaggerated our pedestrian and vehicular circulation issues. Prior to building Fulton-Owen Hall and Shockley Hall, the north-south campus drive between South Lots 1 and 2 extending north to the west side of the north lot was outside the academic core. At one point, the road was one-way to the north to allow vehicular traffic to exit under Brunkhorst Hall and Maner Technology Center to Walston Switch Road. However, the road was converted to two-way traffic to reduce the bottleneck of vehicles at peak times during the day by educating campus visitors to use the Shortbridge and Longridge Road exits. While converting the road to two-way traffic resolved a vehicular circulation issue, it created a pedestrian safety concern for individuals that have to cross the street to get to Fulton-Owen Hall and Shockley Hall, and it did not improve the safety of pedestrians crossing the street between Brunkhorst Hall and the Maner Technology Center. After the entrance road improvements are complete, the north-south campus drive between South Lots 1 and 2 extending north to the west side of the north lot will be replaced by a fire lane/pedestrian way, improving pedestrian safety while allowing access to service and emergency vehicles. Similarly, the exit road between Brunkhorst Hall and Maner Technology Center will be eliminated, also improving pedestrian safety and allowing traffic to exit the campus more directly to Walston Switch Road. These vehicular circulation improvements, which are included in the master plan, are the solutions for long-term improvement to campus pedestrian safety and traffic circulation.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

Citizens attend courses at Wor-Wic Community College

## **Project: Wor-Wic Applied Technology Building**

---

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

The estimate for the building was provided by a construction management company in April 2019. The State pays for 75% of approved capital projects for Wor-Wic. Wicomico and Worcester Counties share the remaining 25% of the cost. Construction bids were due to Whiting-Turner in late June 2021, and the bids came in over budget. The college is requesting an additional \$2,000,753 in FY '23 from the State, \$475,245 from Wicomico County and \$191,672 from Worcester County to fund the construction overage. Unfortunately, the construction industry has experienced a sharp rise in the price of common construction materials due to labor shortages, supply chain disruptions and the hoarding of materials.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

NA

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

The college will be in deficit of almost 97,734 square feet by 2027 per the MHEC 2018 NASF inventory report. In order to grow, we need more space. The lack of sufficient numbers of contemporary, flexible instructional and learning spaces has directly and indirectly curtailed the college's ability to fully develop the inherent potential of its credit and non-credit course offerings.

**Project: Wor-Wic Learning Commons Building**

**Dept Head, Title & Phone #:**

Jennifer Sandt, Wor-Wic Community College, Vice President for Administrative Services, 410-334-2911

**Project Summary:**

Construct a new 40,000 GSF Learning Commons building to the east of the Hazel Center, and in the location of a portion of our existing South 1 parking lot.

**Purpose:**

Wor-Wic is proposing to build a new building to assist the college with meeting its strategic goals to provide students with educational experiences and support services that help them achieve their goals through college completion and workforce preparation.

**Location:**

Wor-Wic Community College, 32000 Campus Drive, Salisbury, MD 21804

**Impacts on General Fund Operating, Personnel or Maintenance:**

NA

	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design			150,885					150,885
Land Acquisition								0
Site Work								0
Construction				2,471,640				2,471,640
Equipment/Furnishings					107,775			107,775
Other								0
<b>EXPENDITURES</b>								

<b>TOTAL</b>	0	0	150,885	2,471,640	107,775	0	0	2,730,300
--------------	---	---	---------	-----------	---------	---	---	-----------

<b>SOURCES OF FUNDS</b>								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds			150,885					150,885
Private Donation								0
Enterprise Bonds								0
General Bonds				2,471,640	107,775			2,579,415
								0
								0

<b>TOTAL</b>	0	0	150,885	2,471,640	107,775	0	0	2,730,300
--------------	---	---	---------	-----------	---------	---	---	-----------

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	--	--	---

## **Project: Wor-Wic Learning Commons Building**

---

Complete the following questions.

### **Project scope.**

**Provide the detail available on the project scope. How was the scope determined? Is there any historical information critical to the understanding of scope development? Is this is mandated by Federal Law?**

The college proposes to build a 40,000 GSF learning commons on the college campus. The learning commons will be located to the east of the Hazel Center, and in the location of a portion of our existing South 1 parking lot.

This building is a major shift for the College, proposing to consolidate library services to more of a hub strategy. It is envisioned as a true learning center serving to supplement the learning experience of classrooms and labs, and encouraging group study and collaboration. The new building would include a resource center and office space for library services staff, centralizing the existing resource centers by relocating the largest center on campus from Brunkhorst Hall and eliminating the smaller centers in other buildings. Tutoring services, TRIO support services (laboratory and office space), Veterans services (laboratory, lounge and offices), the testing center, mathematics laboratory, reading and writing center service, and offices for student services staff whose job responsibilities include student development and success will relocate from Brunkhorst Hall to this proposed building. Moving functions from Brunkhorst allows the students to interact with students from other majors, frees up space in Brunkhorst Hall on the 2nd and 3rd floors to create additional faculty offices, converts some spaces back to laboratories and classrooms, and relocates some of the business office functions, HR, marketing and development from the Brunkhorst Hall first floor to enlarge and create a "one stop" student services admissions/registration office in that first floor space. The counseling and disability services office suite with an assistive technology lab/testing site will move from the first floor of the Maner Technology Center, and a computer laboratory will move from Fulton-Owen Hall. The proposed new building will also include large study spaces and group study rooms.

Additional parking will need to be considered before the start of, or as part of the learning commons project since the building will reside on part of our existing South 1 parking lot.

### **County benefit.**

**How do the citizens and the County benefit from the project? Does it benefit the County in general or is the benefit targeted to a smaller area or population? Are there consequences for not doing this project? If the project is delayed or not funded, what would be the negative impact?**

Citizens attend courses at Wor-Wic Community College

### **Cost estimate.**

**How was the cost estimate developed? Was there a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Give us the back up information. Is the estimate your "best guess", please tell us. Are there any concerns with your estimate?**

The estimate for the building was provided by a construction management company in April 2019 and is based on the estimate provided to build the applied technology building. The State pays for 75% of approved capital projects for Wor-Wic. Wicomico and Worcester Counties share the remaining 25% of the cost.

**CIP Timing. If you are requesting a change, please tell us why. New projects should typically be added to the last year of the CIP. If you are requesting a new project earlier, tell us why. Requesting a change in timing - tell us why. Is the timing of the project related to any other CIP project? Does it need to be completed before or at the same time as another project? Does another project need to be completed before this project?**

NA

### **Urgency.**

**Help us to understand the relative urgency of the project. Is it critical? Does it need to be done and done now? Is the project necessary, but not as time critical? Does it need to be done, but will a delay of some years have a significant impact? Is the project something that would be good to do if the resources are available, but has no significant consequences if it isn't funded?**

The college will be in deficit of almost 97,734 square feet by 2027 per the MHEC 2018 NASF inventory report. Classrooms and labs in existing buildings have been converted to resource centers, tutoring rooms, the advising center, TRIO support services, Veterans services, etc. over the years. This new building will enable the college to centralize student support services and convert existing space back to classrooms and labs, and create additional employee offices.