



WSY 01/10/23

MEMORANDUM

TO: *The Daily Times Group and The Ocean City Today Group*
FROM: Candace Savage, Deputy Chief Administrative Officer
DATE: December 9, 2022
SUBJECT: Worcester County Requested Capital Improvement Plan for FY 2024 through FY 2028

Please print the attached notice as a display ad at the legal advertising rates per our agreement in *The Daily Times/Worcester County Times/Ocean Pines Independent* and *Ocean City Digest/Ocean City Today* on December 22, 2022 and December 29, 2022. Please make the advertisement approximately 3 columns wide with a prominent border and place the ad in a part of the newspaper other than the legal ads. Thank you.

**Notice of Public Hearing
REQUESTED Five-Year Capital Improvement Plan
FY 2024 through FY 2028
Worcester County, Maryland**

The Worcester County Commissioners will conduct a public hearing on the REQUESTED Five-Year Capital Improvement Plan (CIP) for fiscal year (FY) 2024 through FY2028. The CIP is a planning document the County will use in preparing future operating budgets, to anticipate future financial needs of the County and to identify possible funding resources. Inclusion of a project in the CIP does not constitute a guarantee of funding from the County. Some capital projects will be added, deleted and/or amended as necessary. As with the Operating Budget, the projects for each fund have to be balanced with the resources available in that fund. Copies of the Worcester County REQUESTED Capital Improvement Plan for FY2024 through FY2028 summary may be obtained online at www.co.worcester.md.us. For additional information, please contact the County Administration Office at (410) 632-1194.

The public hearing will be held on:

**Tuesday, January 10, 2023
at 10:30 A.M.**
in the
County Commissioners Meeting Room
Room 1101 - Government Center
One West Market Street
Snow Hill, Maryland 21863

Worcester County

Adopted

5 Year Capital Improvement Plan FY 2024 to FY 2028



NOTE: The proposed Capital Improvement Plan is a planning document to anticipate future financial needs of the County. Inclusion of a project in the plan does not constitute a guarantee of funding from the county. Some capital projects will be added, deleted and or amended as necessary. As with the Operating Budget, the projects for each fund have to be balanced with the resources available in that fund.

December 6, 2022

REQUESTED PLAN SUMMARY BY CATEGORY

11/22/2022

WORCESTER COUNTY
 FIVE YEAR CAPITAL IMPROVEMENT PLAN
 FY 2024 TO FY 2028 PROJECT SUMMARY

Project Category	2024	2025	2026	2027	2028	Five Year Project Cost Total	Five Year % to Total Costs	Actual Prior Years	Balance to Complete *	Total Project Cost
General Government	6,326,500	7,130,500	1,000,000	1,000,000	1,000,000	16,457,000	7.91%	0	0	16,457,000
Public Safety	9,585,369	3,956,052	2,473,320	10,774,364	22,500,000	49,289,105	23.69%	7,150,090	0	56,439,195
Public Works	9,267,000	4,880,000	5,600,000	2,250,000	2,850,000	24,847,000	11.94%	0	0	24,847,000
Recreation & Parks	960,000	0	0	0	0	960,000	0.46%	300,000	0	1,260,000
Public Schools	1,365,537	6,099,659	3,281,944	34,453,103	68,628,121	113,828,364	54.71%	0	64,595,010	178,423,374
Community College	0	0	148,732	2,436,380	106,237	2,691,349	1.29%	0	0	2,691,349
TOTAL	27,504,406	22,066,211	12,503,996	50,913,847	95,084,358	208,072,818	100.00%	7,450,090	64,595,010	280,117,918

Source of Funds	2024	2025	2026	2027	2028	Five Year Project Cost Total	Five Year % to Total Costs	Actual Prior Years	Balance to Complete	Total Project Cost
General Fund	0	0	0	0	0	0	0.00%	0	0	0
User Fees	832,000	2,400,000	0	0	0	3,232,000	1.55%	0	0	3,232,000
Grant Funds	9,300,000	4,910,000	0	2,250,000	2,850,000	19,310,000	9.28%	0	0	19,310,000
State Match	846,393	2,603,607	952,000	7,947,500	11,653,459	24,002,959	11.54%	0	16,900,041	40,903,000
State Loan	0	0	0	0	0	0	0.00%	0	0	0
Assigned Funds	8,728,184	11,593,604	5,951,996	4,464,244	3,847,737	34,585,765	16.62%	842,822	0	35,428,587
Private Donation	0	84,000	0	0	302,741	386,741	0.19%	0	0	386,741
Enterprise Bonds	0	300,000	5,600,000	0	0	5,900,000	2.84%	0	0	5,900,000
General Bonds	7,797,829	175,000	0	26,252,103	53,930,421	88,155,353	42.37%	6,607,268	47,694,969	142,457,590
General Bonds (Re-paid through VLT)	0	0	0	10,000,000	22,500,000	32,500,000	15.62%	0	0	32,500,000
TOTAL	27,504,406	22,066,211	12,503,996	50,913,847	95,084,358	208,072,818	100.00%	7,450,090	64,595,010	280,117,918

* Balance to Complete - Years FY2029 and future

FY 2024 TO FY 2028 SUMMARY BY PROJECT
REQUESTED

11/21/2022

WORCESTER COUNTY
FIVE YEAR CAPITAL IMPROVEMENT PLAN

	FY2024	FY2025	FY2026	FY2027	FY2028	Prior Allocation	Balance To Complete	TOTAL
General Government Facilities								
New Pocomoke Library	4,486,500	6,130,500						10,617,000
Snow Hill Library Building Improvements	840,000							840,000
Broadband Infrastructure	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000			5,000,000
Total General Government Facilities	6,326,500	7,130,500	1,000,000	1,000,000	1,000,000	0	0	16,457,000
Public Safety								
Worcester County Jail Improvement Project	4,690,329	175,000				7,150,090		12,015,419
Public Safety Logistical Storage Facility	3,307,500							3,307,500
State's Attorney Building Addition	87,540	2,731,052	2,373,320	774,364				5,966,276
Outdoor Warning Siren System	100,000	1,050,000						1,150,000
Fire Training Tower	1,400,000							1,400,000
Public Safety Building			100,000	10,000,000	22,500,000			32,600,000
Total Public Safety	9,585,369	3,956,052	2,473,320	10,774,364	22,500,000	7,150,090	0	56,439,195
Public Works								
Berlin Homeowner Convenience Center - Dock Wall Replacement	435,000							435,000
Public Works Fuel Facility Replacement	350,000							350,000
Roads - Front End Loader	300,000							300,000
Roads - Pocomoke Shop Renovation	250,000	250,000						500,000
Water Wastewater								
Riddle Farm WWTP Bypass to OP WWTP	1,000,000							1,000,000
Riddle Farm WWTP Rehabilitation	1,700,000							1,700,000
Mystic Harbour Solids Handling	3,000,000							3,000,000
Mystic Harbour WTP Rehabilitation	1,400,000							1,400,000
Ocean Pines UV Disinfection	300,000							300,000
Landings Water Tower Rehabilitation		580,000						580,000
Riddle Farm Water Tower Rehabilitation, Painting & Lowering		650,000						650,000
Mystic Harbour Effluent Connection to Assateague Greens		1,000,000						1,000,000
Mystic Harbour Storage Building		700,000						700,000
River Run Sewer Interconnection to Ocean Pines		100,000	1,100,000					1,200,000
River Run Replacement Liner		100,000	1,100,000					1,200,000
Assateague Point WWTP Replacement Liner		100,000	600,000					700,000
Mystic Harbour Effluent Connection to Riddle Farm Lagoon		200,000	2,800,000					3,000,000
Mystic Harbour Effluent Disposal Expansion				2,100,000				2,100,000
Newark WTP Rehabilitation				150,000	2,850,000			3,000,000
Solid Waste								
Landfill - Leachate Storage Tank	532,000							532,000
Administration Scale House Renovations & Addition		1,200,000						1,200,000
Total Public Works	9,267,000	4,880,000	5,600,000	2,250,000	2,850,000	0	0	24,847,000

FY 2024 TO FY 2028 SUMMARY BY PROJECT
REQUESTED

11/21/2022

WORCESTER COUNTY
FIVE YEAR CAPITAL IMPROVEMENT PLAN

	FY2024	FY2025	FY2026	FY2027	FY2028	Prior Allocation	Balance To Complete	TOTAL
Recreation & Parks								
Recreation Center - HVAC Replacement	960,000					300,000		1,260,000
Total Recreation & Parks	960,000	0	0	0	0	300,000	0	1,260,000
Public Schools								
Snow Hill Middle/Cedar Chapel School - Roof Replacement	119,000	3,920,700						4,039,700
Buckingham Elementary Replacement School	1,246,537	1,305,059	582,410	21,965,967	40,197,638		9,898,985	75,196,596
Pocomoke Elementary School - Roof Replacement		100,000	1,998,000					2,098,000
New Central Office Building		773,900	701,534	12,130,136	21,576,783			35,182,353
Worcester Technical High School - Roof Replacement				207,000	5,328,000			5,535,000
Snow Hill Elementary Replacement School				150,000	1,525,700		54,696,025	56,371,725
Total Public Schools	1,365,537	6,099,659	3,281,944	34,453,103	68,628,121	0	64,595,010	178,423,374
Wor-Wic Community College								
Wor-Wic Learning Commons Building			148,732	2,436,380	106,237			2,691,349
Total Wor-Wic	0	0	148,732	2,436,380	106,237	0	0	2,691,349
CAPITAL PROJECT SUMMARY - BY SOURCE OF FUNDS								
Source of Funds	FY2024	FY2025	FY2026	FY2027	FY2028	Prior Allocation	Balance to Complete	TOTAL
General Fund								0
User Fees	832,000	2,400,000						3,232,000
Grant Funds	9,300,000	4,910,000		2,250,000	2,850,000			19,310,000
State Match	846,393	2,603,607	952,000	7,947,500	11,653,459		16,900,041	40,903,000
State Loan								0
Assigned Funds	8,728,184	11,593,604	5,951,996	4,464,244	3,847,737	842,822		35,428,587
Private Donation		84,000			302,741			386,741
Enterprise Bonds		300,000	5,600,000					5,900,000
General Bonds	7,797,829	175,000		26,252,103	53,930,421	6,607,268	47,694,969	142,457,590
General Bonds (Debt Service to be paid through Video Lottery Funds)				10,000,000	22,500,000			32,500,000
								0
TOTAL	27,504,406	22,066,211	12,503,996	50,913,847	95,084,358	7,450,090	64,595,010	280,117,918

CIP Project Name: New Pocomoke Library

Project Director (Name & Title): Jennifer Ranck, Library Director

Phone Number: 410-632-2600

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

Project Location: Downtown Pocomoke

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?:

There are grant funds available through the Maryland State Library Agency's "County Library Capital Grant" program. The Library applied for a \$2.2 million grant in FY 24.

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & 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.

What is the useful life of the asset/project? Likely 50 years; the current facility opened in 1970

Will this project generate revenue? The library generates a small amount of revenue. Libraries play an important role in building and supporting healthy communities and have a positive impact on downtown areas by attracting foot traffic.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design	86,500	86,500						173,000
Land Acquisition								0
Site Work								0
Construction	4,400,000	5,560,000						9,960,000
Equipment/Furnishings		484,000						484,000
Other - Please Specify								0
TOTAL	4,486,500	6,130,500	0	0	0	0	0	10,617,000

SOURCES OF FUNDS								
	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
General Fund								0
User Fees								0
Grant Funds	2,200,000	2,980,000						5,180,000
State Match								0
State Loan								0
Assigned Funds	2,286,500	3,066,500						5,353,000
Private Donation		84,000						84,000
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	4,486,500	6,130,500	0	0	0	0	0	10,617,000

PROJECTED OPERATING IMPACTS	(3,000)	38,702	38,702	38,702	38,702			151,808
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CIP Project Name: 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?

Worcester County Library updated a Facilities Master Plan in 2022. The Pocomoke Library replacement was identified as the first 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. Design for the new library began in July 2022.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

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 fiction and non-fiction picture books for the Children's area to support 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 (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

The cost estimate is based on figures developed by Whiting Turner in May 2021 to complete the "County Library Capital Grant" application.

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.)

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. The building systems are long past their useful life, the roof needs to be replaced, the plumbing system and fixtures are dated, the low ceiling height limits lighting and HVAC upgrades, and many of the windows are single pane. An addition of 4,000 SF is also needed for expanded program space. There is also a desire by the County Commissioners and the City of Pocomoke to revive a difficult site and inspire improvements and redevelopment of the neighborhood. New construction would allow the library to build a high performance building and reduce operating costs for years to come.

ITEM 9

CIP Operating Impact Projections

Project: New Pocomoke Library

Department & Signature of Department Head: Jennifer Ranck, Sept. 9, 2022

Personnel Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Job Title & Salary/Benefit Costs (List Separately)						
Part-time Library Serv. Assistant (2)		34,300	34,300	34,300	34,300	137,200
Benefits		7,402	7,402	7,402	7,402	29,608
						0
						0
						0
						0
						0
EXPENDITURES						0

New Positions Salary & Benefits TOTAL	0	41,702	41,702	41,702	41,702	166,808
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Operating Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Utilities						0
Telephone						0
Custodial						0
Cleaning						0
Maintenance Repairs						0
Refuse						0
Fire/Security Alarm						0
Internet						0
Vehicle Expense						0
Other						0
						0
						0
EXPENDITURES						0

Operating TOTAL	0	0	0	0	0	0
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ITEM 9

Project: New Pocomoke Library

Capital Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Furnishings						0
Equipment						0
						0
						0
						0
						0
						0
EXPENDITURES						
Capital TOTAL	0	0	0	0	0	0
Projected Revenue Impact	FY 24	FY 25	FY 26	FY 27	FY 28	Revenue Total
Anticipated Library Usage Fees (copies) - Pocomoke branch	3,000	3,000	3,000	3,000	3,000	15,000
						0
						0
						0
						0
						0
						0
REVENUES						
Project Revenue TOTAL	3,000	3,000	3,000	3,000	3,000	15,000
PROJECTED OPERATING IMPACTS	(3,000)	38,702	38,702	38,702	38,702	151,808

Project: New Pocomoke Library

Complete the following questions.

Operating Impacts

Employee positions.

Does the project increase or reduce the number of employees needed? How many positions would be affected? Are the positions full-time, part-time, contractual, grant-funded, enterprise funded? What is the projected cost (savings) of the employees? Are there benefit costs for additional full-time or part-time employees? Benefit cost should be calculated by using the full time 46.54% or for part time 21.58%.

With a larger building, we anticipate the need of two additional part-time employees.

Utility costs.

Does the project increase or reduce utility costs? Utilities may include electricity, oil, gas, telephone, water or sewer costs.

New equipment should result in lower utility cost.

Maintenance costs.

Does the project increase or reduce internal maintenance costs or maintenance agreements with outside vendors? Some costs to consider are custodial services, ball field maintenance, road maintenance and general preventative maintenance.

Maintenance costs may increase depending on building systems and if outside vendors will need to support. Custodial services will increase with a larger building.

Insurance costs.

Does the project increase insurance costs? You should consider liability, property and vehicle insurance.

A larger building may increase property insurance.

Telecommunications.

Consider the potential need of telephones, copiers, and computers and hardware. List them below.

New telephone and updated security system will be needed; perhaps additional computers in the adult and children's areas.

Furniture, equipment or capital outlay.

Does the project increase or reduce the need for furniture and equipment or other capital outlay items? Is the increase or savings on-going or one-time?

New shelving and furnishings will be needed, approximately \$484,000 (anticipating 10% escalation over the next two years). Shown on page one of the CIP Project.

Pocomoke Library FY 24 – Cost Estimate

The attached estimate for a new Pocomoke Library includes an 8% escalation contingency but does not include additional funds for prevailing wage. If the Pocomoke Library project is fortunate to receive funding for 25% (or more) of the project, Worcester County Library understands that prevailing wage is required. To account for this possibility, we have increased the construction cost by \$1.5 million and using these figures to more accurately reflect projected cost:

Construction Project Totals:	\$10,353,834
Projected Owner's Costs:	\$547,673
Total:	\$10,901,507 (\$908.46/GSF)



The Whiting-Turner Contracting Company
100 West Main Street
Salisbury, MD 21804
410-677-3253
www.whiting-turner.com



Project Name: Worcester County Pocomoke Branch Library
Type of Estimate: Conceptual Design Estimate
Estimate Date: May 13, 2022
Project Location: Pocomoke City, MD 21851
Owner: Worcester County Government
Whiting-Turner Contact: Adam Leonard
Whiting-Turner VP: Scott Saxman
Architect/Engineer: The Design Group
Document Set: N/A - Conceptual Design Narrative
Project Description: Construction of a new 12,000 square foot single story public library located on an adaptive reuse site in downtown Pocomoke City, MD.



DIVISION	BUILDING			SITE DEVELOPMENT			PROJECT TOTAL		
	12,000	GSF	BLDG	1 1	ACRE	SITE	12,000	GSF	
	COST	\$/SF	% COW	COST	\$/ACRE	% COW	COST	\$/SF	% COW
1 General Requirements	\$ 299,193	\$ 24.93	5.79%	\$ 22,000	\$ 20,389.79	2.96%	\$ 321,193	\$ 26.77	5.44%
2 Existing Conditions	\$ -	\$ -	0.00%	\$ 33,500	\$ 31,048.09	4.50%	\$ 33,500	\$ 2.79	0.57%
3 Concrete	\$ 321,865	\$ 26.82	6.23%	\$ -	\$ -	0.00%	\$ 321,865	\$ 26.82	5.45%
4 Masonry	\$ 367,490	\$ 30.62	7.12%	\$ -	\$ -	0.00%	\$ 367,490	\$ 30.62	6.22%
5 Metals	\$ 370,920	\$ 30.91	7.18%	\$ -	\$ -	0.00%	\$ 370,920	\$ 30.91	6.28%
6 Wood, Plastics, and Composites	\$ 121,955	\$ 10.16	2.36%	\$ -	\$ -	0.00%	\$ 121,955	\$ 10.16	2.06%
7 Thermal & Moisture Protection	\$ 787,739	\$ 65.64	15.25%	\$ -	\$ -	0.00%	\$ 787,739	\$ 65.64	13.33%
8 Openings	\$ 260,165	\$ 21.68	5.04%	\$ -	\$ -	0.00%	\$ 260,165	\$ 21.68	4.40%
9 Finishes	\$ 487,689	\$ 40.64	9.44%	\$ -	\$ -	0.00%	\$ 487,689	\$ 40.64	8.25%
10 Specialties	\$ 82,429	\$ 6.87	1.60%	\$ 10,000	\$ 9,268.09	1.34%	\$ 92,429	\$ 7.70	1.56%
11 Equipment	\$ 13,750	\$ 1.15	0.27%	\$ -	\$ -	0.00%	\$ 13,750	\$ 1.15	0.23%
12 Furnishings	\$ 167,369	\$ 13.95	3.24%	\$ -	\$ -	0.00%	\$ 167,369	\$ 13.95	2.83%
13 Special Construction	\$ -	\$ -	0.00%	\$ -	\$ -	0.00%	\$ -	\$ -	0.00%
14 Conveying Systems	\$ -	\$ -	0.00%	\$ -	\$ -	0.00%	\$ -	\$ -	0.00%
21 Fire Suppression	\$ 72,000	\$ 6.00	1.39%	\$ -	\$ -	0.00%	\$ 72,000	\$ 6.00	1.22%
22 Plumbing	\$ 92,560	\$ 7.71	1.79%	\$ -	\$ -	0.00%	\$ 92,560	\$ 7.71	1.57%
23 HVAC	\$ 851,500	\$ 70.96	16.49%	\$ -	\$ -	0.00%	\$ 851,500	\$ 70.96	14.41%
25 Integrated Automation	\$ 42,000	\$ 3.50	0.81%	\$ -	\$ -	0.00%	\$ 42,000	\$ 3.50	0.71%
26 Electrical & Solar	\$ 706,450	\$ 58.87	13.68%	\$ 5,500	\$ 5,097.45	0.74%	\$ 711,950	\$ 59.33	12.05%
27 Communications	\$ 49,120	\$ 4.09	0.95%	\$ -	\$ -	0.00%	\$ 49,120	\$ 4.09	0.83%
28 Electronic Safety & Security	\$ 69,850	\$ 5.82	1.35%	\$ -	\$ -	0.00%	\$ 69,850	\$ 5.82	1.18%
31 Earthwork	\$ -	\$ -	0.00%	\$ 124,866	\$ 115,726.86	16.77%	\$ 124,866	\$ 10.41	2.11%
32 Exterior Improvements	\$ -	\$ -	0.00%	\$ 415,970	\$ 385,524.70	55.88%	\$ 415,970	\$ 34.66	7.04%
33 Site Utilities	\$ -	\$ -	0.00%	\$ 132,532	\$ 122,831.79	17.80%	\$ 132,532	\$ 11.04	2.24%
SUBTOTAL - COST OF WORK	\$ 5,164,044	\$ 430.34	100.00%	\$ 744,368	\$ 689,886.75	100.00%	\$ 5,908,412	\$ 492.37	100.00%
Preconstruction Services	\$ 29,542	\$ 2.46	0.50%	\$ 3,722	\$ 3,449.43	0.50%	\$ 33,264	\$ 2.77	
Design and Estimating Contingency	\$ 472,673	\$ 39.39	8.00%	\$ 59,847	\$ 55,466.89	8.00%	\$ 532,520	\$ 44.38	
Construction/CM Contingency	\$ 281,952	\$ 23.50	5.00%	\$ 37,218	\$ 34,494.34	5.00%	\$ 319,171	\$ 26.60	
General Conditions	\$ 642,039	\$ 53.50	Fixed	\$ -	\$ -	Fixed	\$ 642,039	\$ 53.50	
Liability Insurance	\$ 62,277	\$ 5.19	0.85%	\$ 7,500	\$ 6,951.39	0.85%	\$ 69,777	\$ 5.81	
Whiting-Turner Bond	\$ 63,947	\$ 5.33	1.00%	\$ 8,441	\$ 7,823.32	1.00%	\$ 72,388	\$ 6.03	
Whiting-Turner Fee	\$ 226,052	\$ 18.84	3.50%	\$ 29,839	\$ 27,655.42	3.50%	\$ 255,891	\$ 21.32	
Builder's Risk Insurance	\$ 8,096	\$ 0.67	0.12%	\$ 1,068	\$ 989.71	0.12%	\$ 9,164	\$ 0.76	
CONSTRUCTION TOTALS	\$ 6,950,623	\$ 579.22 / GSF		\$ 892,004	\$ 826,717.26 / ACRE		\$ 7,842,627	\$ 653.55 / GSF	
FF&E, Artwork, and AV	\$ 400,000	\$ 33.33	Fixed	\$ -	\$ -	Fixed	\$ 400,000	\$ 33.33	
Permitting Fees	\$ 75,000	\$ 6.25	Fixed	\$ -	\$ -	Fixed	\$ 75,000	\$ 6.25	
Escalation Contingency	\$ 473,680	\$ 39.47	8.00%	\$ 62,527	\$ 57,950.49	8.00%	\$ 536,207	\$ 44.68	
CONSTRUCTION PROJECT TOTALS	\$ 7,899,302	\$ 658.28 / GSF		\$ 954,531	\$ 884,667.74 / ACRE		\$ 8,853,834	\$ 737.82 / GSF	
Owner's Costs									
Architectural / Engineering Fees	\$ 472,673	\$ 39.39	8.00%	\$ -	\$ -		\$ 472,673	\$ 39.39	
Owner Contingency	\$ -	\$ -	Fixed	\$ -	\$ -		\$ -	\$ -	
FF&E Design	\$ 25,000	\$ 2.08	Fixed	\$ -	\$ -		\$ 25,000	\$ 2.08	
Testing & Inspection Costs	\$ 50,000	\$ 4.17	Fixed	\$ -	\$ -		\$ 50,000	\$ 4.17	
GRAND TOTAL PROJECT COST	\$ 8,446,975	\$ 703.91 / GSF		\$ 954,531	\$ 884,667.74 / ACRE		\$ 9,401,507	\$ 783.46 / GSF	

BUILDING

DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
01 GENERAL REQUIREMENTS					
01 50 00 Temporary Facilities and Controls					
General Requirements	1	ls	\$ 299,193.00	\$ 299,193	See GR tab for breakdown and more detail
01 70 00 Execution and Closeout Requirements					
TOTAL - DIV 1				\$ 299,193	
02 EXISTING CONDITIONS					
TOTAL - DIV 2				\$ -	
03 CONCRETE					
03 30 00 Cast in Place Concrete					
<u>Standard Foundations</u>					
Concrete Foundations	1	ls	\$ 146,355.00	\$ 146,355	
Rebar	1	ls	\$ 26,010.00	\$ 26,010	
<u>Slab on Grade</u>					
Slab on Grade - 4"	12,000	sf	\$ 11.00	\$ 132,000	Incl concrete, stone base, vapor barrier
Broom Finish Concrete	-	ls	\$ -	\$ -	See division 31
<u>Walls and Columns</u>					
Mock-Up of Site wall	1	ls	\$ 7,500.00	\$ 7,500	Concrete only
<u>Miscellaneous</u>					
Housekeeping Pads	500	sf	\$ 20.00	\$ 10,000	
03 40 00 Precast Concrete					
Precast Concrete - Architectural					Potential for site wall
TOTAL - DIV 3				\$ 321,865	
04 MASONRY					
04 20 00 Unit Masonry					
CMU Foundation Walls - Building Shell	815	sf	\$ 46.00	\$ 37,490	
Brick Veneer	6,600	sf	\$ 50.00	\$ 330,000	
04 40 00 Stone Assemblies					
Stone Cladding		sf	\$ -	\$ -	
TOTAL - DIV 4				\$ 367,490	
05 METALS					
05 10 00 Structural Metal Framing					
Structural Steel Material	80	ton	\$ 4,200.00	\$ 336,000	
Structural Steel Decking and Joist Material	1	ls	\$ 15,000.00	\$ 15,000	1.5" B roof deck(22 ga) Galvanized G60 decking @ 14,564sf. 75 #bar Joists. Did not include metal decking where wood decking assumed(See division 06)
Fabrication	1	ls	\$ 54,627.00	inc.	
Erection	1	ls	\$ 83,062.00	inc.	
Detailing and Engineering	1	ls	\$ 25,642.00	inc.	
05 40 00 Cold Formed Metal Framing					
See Division 9 - Structural Studs included in wall systems costs					

BUILDING

DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
05 50 00 Metal Fabrications					
<u>Miscellaneous Metals</u>					
Allowance for Miscellaneous Metals	1	allow	\$ 7,500.00	\$ 7,500	
Metal Roof Ladders	-	vlf	\$ -	\$ -	None assumed other than ships ladder
Ships Ladder	1	vlf	\$ 5,720.00	\$ 5,720	
Overhead Support Steel - Operable Partitions	37	lf	\$ 100.00	\$ 3,700	
Overhead Support Steel - Projection Screens	-	lf	\$ -	\$ -	Mount to wall
Overhead Support Steel - Projector Mounts	2	ea	\$ 1,000.00	\$ 2,000	
Pipe Railings Type 1	-	lf	\$ 175.00	\$ -	Non assumed
Pipe Railings Type 2	10	lf	\$ 100.00	\$ 1,000	On two sides of roof hatch
Pipe Railings Type 3	-	ea	\$ 60.00	\$ -	Non assumed
<u>Canopies</u>					
Canopy Framing	-	sf	\$ -	\$ -	Canopy framing included in structural metal framing and division 06.
TOTAL - DIV 5				\$ 370,920	
06 WOOD, PLASTICS, AND COMPOSITES					
06 10 00 Rough Carpentry					
Rough Carpentry (In wall Strapping / Blocking)	12,000	sf	\$ 1.50	\$ 18,000	
Roof Blocking	1,760	lf	\$ 13.00	\$ 22,880	Includes blocking for gutters, perimeter 3 rows of 2"x8"
PT Exterior Blocking	1,625	lf	\$ 15.00	\$ 24,375	1 row of 2"x8" at window, curtain wall, and storefront locations
2x12 exterior exposed wood joints	400	sf	\$ 24.00	\$ 9,600	2x12 joints #1 or better S4S Douglas Fir
2x12 interior exposed wood joints	1,830	sf	\$ 24.00	\$ 43,920	2x12 joints #1 or better S4S Douglas Fir, included in rooms 108, 110, 111, 112, 114, 115, 116, and 118
Plywood decking at exterior entrance	400	sf	\$ 6.70	\$ 2,680	
Plywood @ Elec or Mech Rm Com Rm for mounting 4x8 sheet	2	ea	\$ 250.00	\$ 500	presumed 8' Height, two walls
06 40 00 Architectural Woodwork					
Wood Base - Paint Grade		lf	\$ -	\$ -	10/A003 assumed wood base at carpet areas, included in division 12
Wood Base - Clear Finish	1	lf	\$ -	\$ -	10/A003 assumed wood base at carpet areas, included in division 12
Wood Veneer Wall Paneling		lf	\$ -	\$ -	Sanded AC wall paneling included in division 9
Casework, Cabinets, Countertops, Etc. - see Div 12					
TOTAL - DIV 6				\$ 121,955	

BUILDING

DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
07 THERMAL & MOISTURE PROTECTION					
07 10 00 Damp proofing & Waterproofing					
Damp proofing at Foundation Wall	1,760	sf	\$ 1.25	\$ 2,200	
Waterproofing - Fluid Applied Membrane		sf	\$ 5.00	\$ -	
Vertical Wall Drainage Board	1,760	sf	\$ 1.75	\$ 3,080	
07 20 00 Thermal Protection/Weather Barriers					
Below grade Sips	-	sf	\$ 14.00	\$ -	
Exterior Wall Rigid Insulation - Basement Wall	-	sf	\$ 2.00	\$ -	
Air/Vapor Barrier	6,600	sf	\$ 8.00	\$ 52,800	Assumed Henry Air-Bloc 31MR and Blueskin 5A - Includes lifts
Air Barrier Testing	-	sf	\$ -	\$ -	See general requirement for Skin consultant
07 40 00 Roofing and Siding Panels					
Standing Seam Metal Roofing	12,130	sf	\$ 43.50	\$ 527,655	Peterson(PacClad Standing Seam Roof)
Metal Wall Panel System - Exterior	3,232	sf	\$ 22.00	\$ 71,104	
Metal Panel Wall System Testing	-	ls	\$ -	\$ -	See general requirement for Skin consultant
Metal Panel Wall System Mock-up	-	ls	\$ 1,500.00	\$ -	None assumed
Building Envelope Performance Testing	-	allow	\$ -	\$ -	See general requirement for Skin consultant
Fiber Cement Panel	2,710	sf	\$ 12.00	\$ 32,520	12" James Hardie with furring
07 50 00 Membrane Roofing					
TPO Membrane	-	sf	\$ 33.75	\$ -	
07 60 00 Flashing and Sheet Metal					
Flashing/Penetrations	1	Allow	\$ 10,000.00	\$ 10,000	
07 70 00 Roof and Wall Specialties and Accessories					
Coping - typ. bent metal	440	lf	\$ 22.50	\$ 9,900	
Walkway Pads (Precast 2' x 2')	-	ea	\$ 80.00	\$ -	
Scuppers	-	ea	\$ -	\$ -	Included in gutter and downspout
Collection Boxes	-	ea	\$ -	\$ -	Included in gutter and downspout
Gutters	440	lf	\$ 26.00	\$ 11,440	
Downspouts	270	lf	\$ 32.00	\$ 8,640	18 locations assuming 15 height
Fall Arrest Anchorage Devices	-	ea	\$ -	\$ -	none assumed
Roof Hatches	1	ea	\$ 3,000.00	\$ 3,000	
Roof - Expansion Joints	-	lf	\$ 45.00	\$ -	None assumed
Roof Curbs - Mechanical Eqpt	-	lf	\$ 48.00	\$ -	None assumed
07 80 00 Fire and Smoke Protection					
Penetration Fire Stopping					
Fire Sealants	1	allow	\$ 5,000.00	\$ 5,000	Based on Building SF
Spray Applied Fireproofing & Intumescent Paint					
Spray Applied Fireproofing		sf	\$ -	\$ -	None assumed
Intumescent Fireproofing		sf	\$ -	\$ -	None assumed

BUILDING

DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
07 90 00 Joint Protection					
Interior Architectural Caulking	12,000	sf	\$ 2.00	\$ 24,000	Based on Building SF
Exterior Caulking	6,600	sf	\$ 4.00	\$ 26,400	Based on SF of skin
Expansion Joints - Vertical Building Façade		lf	\$ -	\$ -	None assumed
Expansion Joints - Interior Floors, Walls, Ceilings		lf	\$ -	\$ -	None assumed
TOTAL - DIV 7				\$ 787,739	
08 OPENINGS					
08 10 00 Doors and Frames					
<u>Exterior Doors</u>					
Exterior HM/HM - Single - 3' 0" x 7' 0"		ea	\$ 1,900.00	\$ -	Furnish Only
Exterior HM/HM - Single - 4' 0" x 8' 0"	1	ea	\$ 1,900.00	\$ 1,900	Furnish Only
Exterior HM/HM - Double - 6' 0" x 7' 0"		ea	\$ 2,430.00	\$ -	Furnish Only
Exterior HM/HM - Double - 6' 0" x 7' 2"	1	ea	\$ 2,430.00	\$ 2,430	Furnish Only
Exterior HM/HM - Single - 4' 0" x 8' 0" - Non electrified	1	ea	\$ 550.00	\$ 550	Install Only
Exterior HM/HM - Double - 6' 0" x 7' 0" - Non electrified	1	ea	\$ 700.00	\$ 700	Install Only
Exterior HM/HM - Single - 3' 0" x 7' 0" - Electrified	-	ea	\$ 500.00	\$ -	Install Only
Exterior HM/HM - Double - 6' 0" x 7' 0" - Electrified	4	ea	\$ 800.00	\$ 3,200	Install Only
<u>Interior Doors</u>					
Interior HM/HM - Single - 3'6" x 7'0"	-	ea	\$ 1,000.00	\$ -	Furnish Only
Interior HM/HM - Single - 3'0" x 7'2"	2	ea	\$ 1,000.00	\$ 2,000	Furnish Only
HM/HM - Double - 6' 0" x 7' 0"	-	ea	\$ 2,100.00	\$ -	Furnish Only
Sliding Rite Slide Doors SCWD - Single - 3'4" x 8'0"	1	ea	\$ 2,500.00	\$ 2,500	Furnish Only
Sliding Rite Slide Doors SCWD - Double - 6'0" x 8'0"	2	ea	\$ 2,500.00	\$ 5,000	Furnish Only,
Interior SCWD/HM - Single - 3' 0" x 7' 0"	-	ea	\$ 1,220.00	\$ -	Plastic laminate (std laminate) at LPDL doors + Prefinished Red Oak at SCWD doors Finish Hardware for above and cylinders only for alum doors - Furnish Only
Interior LPDL/HM - Single - 3' 0" x 7' 10"	14	ea	\$ 1,220.00	\$ 17,080	Furnish Only
Interior SCWD/HM - Single - 3'4" x 7'2"	1	ea	\$ 1,220.00	\$ 1,220	Furnish Only
Interior SCWD/HM - Single - 3' 6" x 7' 10" Vision Glass	1	ea	\$ 1,220.00	\$ 1,220	
Interior SCWD/HM - Single - 3' 0" x 7' 0" Full Glass	1	ea	\$ 1,220.00	\$ 1,220	
Interior SCWD/HM - Double - 6' 0" x 7' 0"	1	ea	\$ 2,150.00	\$ 2,150	Furnish Only
Interior SCWD/HM - Double - 6' 0" x 7' 0" Vision Glass		ea	\$ -	\$ -	
Interior SCWD/HM - Single - 4'0" x 7'10"	24	ea	\$ 550.00	\$ 13,200	Install only
Premium for Fire Rating (per leaf)	4	ea	\$ 50.00	\$ 200	
Premium for Card Readers	-	ea	\$ 560.00	\$ -	Division 28
08 30 00 Specialty Doors and Frames					
Exterior Overhead Doors - 8' x 8'		ea	\$ -	\$ -	none assumed
Access Panels	25	ea	\$ 150.00	\$ 3,750	
Vertical Fire and Smoke Curtain		sf	\$ -	\$ -	none assumed
08 40 00 Entrances, Storefronts, and Curtainwalls					
<u>Exterior Storefront Curtainwall/Doors</u>					
<u>Interior Glass Doors</u>					
Interior Storefront Door - Single 3' 0" x 7' 0"	-	ea	\$ -	\$ -	
Interior Storefront Door - Double 6' 0" x 7' 0"	-	pr	\$ -	\$ -	
Interior Frameless Glass Door - Single 3'0" x 8'0"	2	ea	\$ 3,950.00	\$ 7,900	
Interior Frameless Glass Door - Single 3'3" x 8'0"	1	ea	\$ 3,950.00	\$ 3,950	
Interior Frameless Glass Door - Double 6'0" x 8'0"	1	pr	\$ 5,950.00	\$ 5,950	
Interior Frameless Glass Door - Single 4'0" x 8'0"	4	ea	\$ 3,950.00	\$ 15,800	
Premium for Full Glass Fire-Rated Doors	-	ea	\$ -	\$ -	
Auto Operators Single - Interior - just operator	1	ea	\$ 2,800.00	\$ 2,800	
Auto Operators Double - Interior	1	ea	\$ 4,000.00	\$ 4,000	
Auto Operators Single - Exterior	3	ea	\$ 2,800.00	\$ 8,400	
Auto Operators Double - Exterior	1	ea	\$ 4,000.00	\$ 4,000	
Card Readers	-	ea	\$ -	\$ -	See security

BUILDING

DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
<u>Exterior Curtainwall / Storefront Systems</u>					
Curtainwall - CW-1	250	sf	\$ 120.00	\$ 30,000	
Storefront - SF-1	500	sf	\$ 82.00	\$ 41,000	
<u>Interior Glass Walls</u>					
Interior Storefront - GW-1	55	sf	\$ 419.00	\$ 23,045	
08 50 00 Windows and Glass					
<u>Exterior Windows</u>					
Aluminum Windows	500	sf	\$ 110.00	\$ 55,000	none assumed
<u>Interior Glass and Glazing</u>					
Interior Glazing - Premium for Fire Rated Glass		sf	\$ -	\$ -	none assumed
Mirrors - Frameless	-	sf	\$ -	\$ -	none assumed
08 90 00 Louvers and Vents					
Louvers - Prefinished Aluminum to Match Metal Panels		sf	\$ -	\$ -	none assumed
TOTAL - DIV 8				\$ 260,165	

09 FINISHES					
09 20 00 Plaster and Gypsum Board					
<u>Structural Stud Wall Assemblies</u>					
CFMF Engineered shop drawings	1	ls	\$ 5,800.00	\$ 5,800	CFMF, insulated sheathing, inwall insulation, drywall and finishing - No AVB
Exterior Back-up Wall System at Metal Panel, Wood siding, and fiber cement siding	6,600	sf	\$ 28.50	\$ 188,100	CFMF, insulated sheathing, inwall insulation, drywall and finishing - No AVB
Exterior Back-up Wall System at Site Wall	-	sf	\$ 6.00	\$ -	None assumed
Exterior Soffit	170	sf	\$ 19.00	\$ 3,230	CFMF, insulated sheathing, inwall insulation - No AVB

BUILDING

DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
<u>Interior GWB Wall Assemblies</u>					
2A - 3 5/8" stud, 5/8" GWB ea. side to underside of deck/structure	91	lf	\$ 121.33	\$ 11,041	
2A (FIRE) - 3 5/8" stud, 5/8" type "X" GWB to underside of deck/structure (fire rated) U.L. design U 305		lf	\$ -	\$ -	None assumed
2B - 3 5/8" stud, 5/8" GWB ea. side to underside of deck/structure to 6"(min) above finished ceiling w/ bracing as reqd.		lf	\$ -	\$ -	None assumed
2C - 6" stud, 5/8" GWB ea. side to underside of deck/structure	354	lf	\$ 130.45	\$ 46,179	
2C (FIRE) - 6" stud, 5/8" type "X" GWB to underside of deck/structure (fire rated) U.L. design U 305	54	lf	\$ 135.00	\$ 7,290	
2D - 6" stud, 5/8" GWB ea. side to underside of deck/structure to 6"(min) above finished ceiling w/ bracing as reqd.		lf	\$ -	\$ -	None assumed
2K - 3 5/8" stud, 5/8" GWB. on one side of wall only up to underside of deck/structure	25	lf	\$ 86.57	\$ 2,164	
2L - 3 5/8" stud, 5/8" GWB. on one side of wall only up to 6" above fin. ceiling		lf	\$ -	\$ -	None assumed
2M - 6" stud, 5/8" GWB. on one side of wall only up to underside of deck/structure	21	lf	\$ 95.68	\$ 2,009	
2N - 6" stud, 5/8" GWB. on one side of wall only up to 6" above fin. ceiling		lf	\$ -	\$ -	None assumed
2P - 3 5/8" stud, 3/4" GWB sanded AC plywood ea. side to underside of deck/structure		lf	\$ -	\$ -	None assumed
2Q - 6" stud, 3/4" GWB sanded AC plywood ea. side to underside of deck/structure		lf	\$ -	\$ -	None assumed
2R - 3 5/8" stud, 3/4" GWB sanded AC plywood on one side of wall only to underside of deck/structure		lf	\$ -	\$ -	None assumed
2S - 6" stud, 3/4" sanded AC plywood on one side to 8" above ceiling; 5/8" GWB on one side to underside of deck/structure	34	lf	\$ 192.61	\$ 6,549	
2T - 6" stud, 3/4" sanded AC plywood on one side to 8" above ceiling; 5/8" GWB ea. side to underside of deck/structure		lf	\$ -	\$ -	None assumed
3A - 6" stud, 3/4" sanded AC plywood on one side to underside of structure; metal wall panel on one side to continue to 12'-0" AFF w/ 5/8" ea. side to underside of deck	77	lf	\$ 161.18	\$ 12,411	Does not include metal panel, j channel, or wood base.
4A - 6" stud, 5/8" sanded AC plywood on one side and horizontal engineered wood siding to 12'-0" AFF; 5/8" GWB on one side to underside of deck/structure	33	lf	\$ 137.94	\$ 4,552	
4B - 3 5/8" stud, tile backing panel on one side to underside of deck/structure	32	lf	\$ 155.06	\$ 4,962	
4C - 6" stud, tile backing panel on one side to underside of deck/structure	23	lf	\$ 133.43	\$ 3,069	
4D - 3 5/8" stud, 5/8" GWB on one side of wall w/tile backing panel on one side to underside of deck/structure		lf	\$ -	\$ -	None assumed
4E - 6" stud, 5/8" GWB on one side of wall w/ tile backing panel on one side to underside of deck/structure	133	lf	\$ 153.35	\$ 20,396	
4F - 3 5/8" stud, tile backing panel on both sides to underside of deck/structure	8	lf	\$ 204.09	\$ 1,633	
4G - 6" stud, tile backing panel on both sides to underside of deck/structure		lf	\$ -	\$ -	None assumed
Premium for STC Rating		sf	\$ -	\$ -	none assumed
Premium for Level 5 Finish		sf	\$ -	\$ -	none assumed
Premium for Abuse Resistant		sf	\$ -	\$ -	none assumed
Premium for Impact Resistant		sf	\$ -	\$ -	none assumed
<u>Interior GWB Ceiling Assemblies</u>					
GWB Ceilings - Metal framing	250	sf	\$ 15.00	\$ 3,750	none assumed
GWB Ceilings - Moisture Resistant		sf	\$ -	\$ -	none assumed
Acoustical Ceiling Panels - Moisture Resistant		sf	\$ -	\$ -	none assumed
GWB Bulkheads	40	lf	\$ 60.00	\$ 2,400	

BUILDING

DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
09 30 00 Tiling (See finish matrix)					
<u>Tile/Stone Flooring</u>					
Porcelain Tile - Floor		sf	\$ 13.50	\$ -	None assumed
Porcelain Tile - Base		lf	\$ 20.00	\$ -	None assumed
Ceramic Tile - Floor	411	sf	\$ 9.25	\$ 3,802	
Ceramic Tile - Base		lf	\$ 7.75	\$ -	None assumed
Quarry Tile Floor		sf	\$ -	\$ -	None assumed
Quarry Tile Base		lf	\$ -	\$ -	None assumed
Natural Stone Floor		sf	\$ -	\$ -	None assumed
Natural Stone Base		lf	\$ -	\$ -	None assumed
Schluter Strip Threshold	7	ea	\$ 25.00	\$ 175	
<u>Tile/Stone Wall Finish</u>					
Porcelain Tile - Wall		sf	\$ 13.50	\$ -	None assumed
Ceramic Tile - Wall	2,250	sf	\$ 9.25	\$ 20,813	
<u>Misc. Tile Supplementary Components</u>					
Waterproofing Membrane - fleece polyethylene grid (under tile floors)		sf	\$ 3.00	\$ -	Included in CT sq ft cost
Anti-Fracture Membrane		sf	\$ 3.00	\$ -	None assumed
Sealer for Natural Stone Tile		sf	\$ -	\$ -	None assumed
Epoxy grout		sf	\$ 2.50	\$ -	None assumed
09 50 00 Ceilings					
<u>Acoustical Panel Ceilings</u>					
ACT Ceilings	2,955	sf	\$ 5.00	\$ 14,775	
Wood Veneer Acoustic Panels	142	sf	\$ 12.00	\$ 1,704	
09 60 00 Flooring (See finish matrix)					
<u>Resilient Flooring, Base and Accessories</u>					
VCT- Vinyl Tile	-	sf	\$ 2.00	\$ -	None assumed but unit cost based on Armstrong Standard Excelon VCT.
Resilient Sheet Flooring		sf	\$ -	\$ -	None assumed
LVT	1,139	sf	\$ 5.00	\$ 5,695	Armstrong Natural Creations LVT plank and tile
Sealed Concrete	493	sf	\$ 2.00	\$ 986	
Rubber Base	2,509	lf	\$ 2.50	\$ 6,273	4" high Armstrong
<u>Carpet</u>					
Carpet Tile - moderate price	1,033	sy	\$ 40.00	\$ 41,333	Based on Mohawk New Basics
Carpet Tile - high end price	-	sy	\$ 50.00	\$ -	None assumed. Based on J&J Kinetex
Walk Off Mat	101	sy	\$ 7.50	\$ 758	None assumed. Based on J&J Kinetex
Floor prep	600	sf	\$ 3.50	\$ 2,100	5% of 12,000 sf
Moisture Mitigation	10,540	sf	\$ 1.00	\$ 10,540	
09 70 00 Wall Finishes					
Natural Stone Veneer		sf	\$ -	\$ -	See VE log
Vinyl Wall Coverings		sy	\$ -	\$ -	See VE log
09 80 00 Acoustic Treatment					
Acoustic Wall Panels	285	lf	\$ 40.00	\$ 11,400	See Ceiling type 6
09 90 00 Painting and Coating					
<u>Exterior Façade Painting</u>					
Exterior Painting	1	ls	\$ 3,500.00	\$ 3,500	
<u>Interior Painting</u>					
Painted GWB Walls	27,225	sf	\$ 0.90	\$ 24,503	Spray work
Painted CMU Walls	-	sf	\$ -	\$ -	None assumed
Painted GWB Ceilings	550	sf	\$ 0.50	\$ 275	Spray work
Painted Exposed MEP and bar joists in Ceilings	6,372	sf	\$ 0.40	\$ 2,549	Flat dryfall
Paint - GWB bulkhead	24	sf	\$ 0.65	\$ 16	
Paint Frames	18	ea	\$ 65.00	\$ 1,170	
Paint Doors	18	ea	\$ 55.00	\$ 990	
Paint Stairs / Stair Railings	1	fits	\$ 300.00	\$ 300	Ship ladder
Misc. Painted Finishes	1	allow	\$ 8,500.00	\$ 8,500	
TOTAL - DIV 9				\$ 487,689	

BUILDING

	DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
10 SPECIALTIES						
10 10 00 Information Specialties						
<u>Visual Display Units</u>						
	Whiteboards - 4' x 3'	2	ea	\$ 195.00	\$ 390	Polyvision
	Whiteboards - 4' x 6'	2	ea	\$ 235.00	\$ 470	Polyvision
	Tack boards 4'x4'	-	ea	\$ 185.00	\$ -	Polyvision
<u>Display Cases</u>						
	Glass Display Case, in wall / flush	1	ea	\$ 2,150.00	\$ 2,150	Assumed 7'1"x6' in rm 101
	Glass Display Case, wall mounted	-	ea	\$ 1,750.00	\$ -	Assumed 6'x6' - None assumed
<u>Directories</u>						
	Directory, wall mounted	-	ea	\$ -	\$ -	None Assumed
<u>Signage</u>						
	Code Required Signs (ADA, Fire, Address, etc.)	4	allow	\$ 115.00	\$ 460	Life Safety
	Exterior Signage on Building	2	ea	\$ 15,000.00	\$ 30,000	
	Interior Signage, Room ID Plaque	25	ea	\$ 115.00	\$ 2,875	
	Interior Signage, 12" Metal Pin Letters Cast Aluminum	10	ea	\$ 180.00	\$ 1,800	Assumed "library" and "circulation"
10 20 00 Interior Specialties						
<u>Operable Partition</u>						
	Operable Panel Partition	225	sf	\$ 85.75	\$ 19,294	Assumed Hufcor Model 642 standard colors
<u>Wall and Door Protection</u>						
	Corner Guards - Resilient, Plastic Type	24	ea	\$ 90.00	\$ 2,160	Include corner guards in book sorting
	Fiberglass Reinforced Panels	-	sf	\$ -	\$ -	None assumed
<u>Toilet, Bath, and Laundry Accessories</u>						
	18" Grab Bar	7	ea	\$ 75.00	\$ 525	Bobrick
	24" Grab Bar	7	ea	\$ 79.00	\$ 553	Bobrick
	36" Grab Bar	7	ea	\$ 86.00	\$ 602	Bobrick
	Changing Table	2	ea	\$ 350.00	\$ 700	Koala Kare
	Single Coat Hook	11	ea	\$ 75.00	\$ 825	Bobrick
	Paper Towel Dispenser	6	ea	\$ 250.00	\$ 1,500	Bobrick electrified unit
	Paper Towel Dispenser with trash receptical	7	ea	\$ 450.00	\$ 3,150	Bobrick - Combo unit - Electrified per meeting on 7/21/21
	Sanitary Napkin Disposal	7	ea	\$ 85.00	\$ 595	Bobrick
	Soap Dispenser	13	ea	\$ 95.00	\$ 1,235	Bobrick
	Toilet Seat Cover Dispenser	7	ea	\$ 65.00	\$ 455	Bobrick
	Toilet Tissue Dispenser	7	ea	\$ 65.00	\$ 455	Bobrick
	Bathroom Mirrors - Framed	7	ea	\$ 225.00	\$ 1,575	Bobrick
	Janitor's Closet Accessories - Mop rack	1	ea	\$ 300.00	\$ 300	per janitor's closet
10 40 00 Safety Specialties						
<u>Fire Extinguishers and Cabinets</u>						
	Fire Extinguishers and cabinets (non rated)	5	ea	\$ 315.00	\$ 1,575	
10 50 00 Storage Specialties						
<u>Lockers</u>						
	Exterior Lockers - Metal	-	ea	\$ -	\$ -	None assumed
		-	ea	\$ -	\$ -	None assumed
	Janitor Closet Wire Shelving	1	ea	\$ 285.00	\$ 285	Assumed in janitors closet
	Shelving, High Volume, Vertical or Horizontal	-	sf	\$ -	\$ -	See Division 12
10 70 00 Exterior Specialties						
	Flagpole	1	ea	\$ 8,500.00	\$ 8,500	
TOTAL - DIV 10					\$	82,429
11 EQUIPMENT						
11 30 00 Residential Equipment						
	Refrigerator	1	ea	\$ 2,000.00	\$ 2,000	Furnish and install
	Microwave - Counter top	1	ea	\$ 150.00	\$ 150	Furnish and install
	Dishwasher	1	ea	\$ 1,400.00	\$ 1,400	Furnish and install
	Vending Machines	-	ea	\$ -	\$ -	Assumed provided by library's existing vender/lease so none included

BUILDING

DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
11 50 00 Educational and Scientific Equipment					
TV Monitors - 55" TV	4	ea	\$ 800.00	\$ 3,200	In rooms 106, 108, 114, 115, 118, and 124
Electrically Operated Projection Screen and Controls	1	ea	\$ 5,000.00	\$ 5,000	
AV Eqpt - Projectors	1	ea	\$ 2,000.00	\$ 2,000	
TOTAL - DIV 11				\$ 13,750	
12 FURNISHINGS					
12 20 00 Window Treatments					
Window Treatment - Manual shades	336	sf	\$ 14.00	\$ 4,704	Chain driven with valence, below the ceiling.
Window Treatment - Motorized Shades	500	sf	\$ 40.00	\$ 20,000	Power and control wiring by others, intelligent motor middle of the road.
12 30 00 Casework					
Elevation 1/701 Rm 105 Kitchen - Plan West	1	ls	\$ 5,919.36	\$ 5,919	
Elevation 2/A701 Rm 118 Children's Program - North	1	ls	\$ 10,552.27	\$ 10,552	
Elevation 3/A701 Rm 119 Children's Librarian	1	ls	\$ 3,581.07	\$ 3,581	
Elevation 4/A701 Rm 120 Office Plan West	1	ls	\$ 5,046.15	\$ 5,046	
Elevation 5/A701 Rm 122 Office	1	ls	\$ 5,046.15	\$ 5,046	
Elevation 5/A701 Rm 123 Director Office	1	ls	\$ 5,046.15	\$ 5,046	
Elevation 6/A701 Rm 143 Office Plan East	1	ls	\$ 4,840.39	\$ 4,840	
Elevation 7/A701 Rm 138 Receiving East	1	ls	\$ 6,422.08	\$ 6,422	
Elevation 8/A701 Rm 137 Work Room North (Dry Top - Left side)	1	ls	\$ 10,795.39	\$ 10,795	
Elevation 8/A701 Rm 137 Work Room North (wet Top - Right side)	1	ls	\$ 7,995.78	\$ 7,996	
Elevation 9/A701 Rm 137 Work Room East	1	ls	\$ 2,640.18	\$ 2,640	
Elevation 10/A701 Rm 108 Medium Conference Room	1	ls	\$ 6,734.61	\$ 6,735	
Elevation 11/A701 Rm 137 - Work Room	1	ls	\$ 10,293.76	\$ 10,294	
Elevation Rm 137 Work Room Center Island	-	ls	\$ 14,281.42	\$ -	
Elevation Rm 12/A701 Rm 115 Teen Lounge South	1	ls	\$ 10,300.19	\$ 10,300	
Elevation Rm 123/A701 Rm 115 Teen Lounge South	1	ls	\$ 7,276.19	\$ 7,276	
Elevation 14/A-701 Rm 124 Circulation Desk	1	ls	\$ 18,847.52	\$ 18,848	
116 Connector Plywood Tree	1	ls	\$ 9,897.52	\$ 9,898	
RM 114 Reading Room Shelving	1	ls	\$ 14,130.71	\$ 14,131	
RM 101 Wood Gate	1	ls	\$ 6,800.00	\$ 6,800	11'4" x 8' wood gate at gallery 101
Large Conference Room Podium	-	ls	\$ 3,700.00	\$ -	Removed per meeting on 6/23/21 with BMG and WT
Remove solid surface trim around casework	1	ls	\$ (9,500.00)	\$ (9,500)	7/28/21 Per board meeting on 7/28/21 the best value item was accepted to remove solid surface trim around the casework.
12 50 00 Furniture					
All non-fixed furniture	-	sf	\$ 57.00	\$ -	Budget from Liberty Systems - Average Finishes
Artwork	-	ls	\$ -	\$ -	See FF&E, Artwork, and AV
Security Mirrors	-	lf	\$ -	\$ -	Assume in furniture budget
TOTAL - DIV 12				\$ 167,369	
13 SPECIAL CONSTRUCTION					
13 10 00 Special Facility Components					
Fountains	-	ea	\$ -	\$ -	None assumed
TOTAL - DIV 13				\$ -	
14 CONVEYING SYSTEMS					
14 20 00 Elevators					
Elevators - Passenger	-	stops	\$ -	\$ -	None assumed
Elevators - Service	-	stops	\$ -	\$ -	None assumed
Cab Finishes - Passenger - Stainless Steel - Allowance	-	allow	\$ -	\$ -	None assumed
Cab Finishes - Service - Stainless Steel - Allowance	-	allow	\$ -	\$ -	None assumed
TOTAL - DIV 14				\$ -	

BUILDING

DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
21 FIRE SUPPRESSION					
21 10 00 Water Based Fire Suppression Systems					
Sprinklers	12,000	sf	\$ 6.00	\$ 72,000	Seismic not assumed
21 30 00 Fire Pumps					
Fire Pumps	-	ea	\$ -	\$ -	Not assumed, if needed add \$35,000
TOTAL - DIV 21				\$ 72,000	
22 PLUMBING					
22 00 00 Plumbing Insulation					
Plumbing Insulation	1	sf	\$ -	\$ -	Included with plumbing and piping number
22 10 00 Plumbing Piping					
Storm Piping	1	sf	\$ -	\$ -	Included with plumbing and piping number
Sanitary Piping	1	sf	\$ 56,805.00	\$ 56,805	Included with plumbing number, VRF system is Mitsubishi
Gas Piping		sf	\$ -	\$ -	None assumed
Selective Demo to safe off demo of exiting library addition	1	sf	\$ 1,500.00	\$ 1,500	
22 30 00 Plumbing Equipment					
Plumbing Equipment	1	ea	\$ -	\$ -	Included with plumbing and piping number
22 40 00 Plumbing Fixtures					
Plumbing Fixtures, WH, Drains, Permit, ETC	1	ls	\$ 34,255.00	\$ 34,255	7/21/21 Removed two sinks in 102.
TOTAL - DIV 22				\$ 92,560	
23 HVAC					
23 10 00 Facility Fuel Systems					
Natural Gas Piping	-	lf	\$ -	\$ -	None assumed
23 00 00 HVAC					
Rough Material for piping, ductwork, and plumbing	1	ls	\$ 71,500.00	\$ 71,500	
23 30 00 HVAC					
Heating & A/C Equipment	12,000	ls	\$ 65.00	\$ 780,000	
Air Outlets and Inlets	-	sf	\$ -	\$ -	
Testing and balancing	-	sf	\$ -	\$ -	
23 40 00 HVAC Air Cleaning Devices					
Air Filtration System	-	gsf	\$ -	\$ -	None assumed
TOTAL - DIV 23				\$ 851,500	
25 INTEGRATED AUTOMATION					
25 50 00 Integrated Automation Facility Controls					
Automated Building Controls	12,000	sf	\$ 3.50	\$ 42,000	Assumed packaged control system
TOTAL - DIV 25				\$ 42,000	
26 ELECTRICAL					
26 10 00 Medium Voltage Electrical Distribution					
Site power tie in	1	ea	\$ 10,000.00	\$ 10,000	
Site power	1	ls	\$ 75,000.00	\$ 75,000	
Selective demo to safe off demo of exiting library addition	1	ls	\$ 5,000.00	\$ 5,000	
Electrical Labor	5,040	hrs	\$ 60.00	\$ 302,400	
Temporary Power & Lighting	1	ls	\$ 5,000.00	\$ 5,000	
Electrical permits and inspections	1	ls	\$ 5,000.00	\$ 5,000	
Independent testing & studies	1	ls	\$ 10,000.00	\$ 10,000	
Mobilization and equipment	1	ls	\$ 10,000.00	\$ 10,000	

BUILDING

DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
26 20 00 Low Voltage Electrical Distribution					
Lighting Controls	12,000	sf	\$ 1.71	\$ 20,520	
Branch Power	12,000	sf	\$ 4.23	\$ 50,760	
Switchgear & Panels	12,000	sf	\$ 2.00	\$ 24,000	
Feeders	-	sf	\$ -	\$ -	
Mechanical Connections	12,000	sf	\$ 3.49	\$ 41,880	
Raceways for other trades	90	ea	\$ 100.00	\$ 9,000	
Power for paper towel dispensers and faucets	14	ea	\$ 275.00	\$ 3,850	
26 30 00 Facility Power Generating and Storing Equipment					
Emergency Generators	-	sf	\$ -	\$ -	none assumed
Battery Equipment	-	sf	\$ -	\$ -	none assumed
Power Filtering and Conditioning	-	sf	\$ -	\$ -	none assumed
Transfer Switches	-	sf	\$ -	\$ -	none assumed
26 40 00 Electrical Protection					
Grounding	12,000	sf	\$ 0.72	\$ 8,640	
Lightning Protection	12,000	sf	\$ 1.10	\$ 13,200	
26 50 00 Lighting					
Lighting	12,000	sf	\$ 7.25	\$ 87,000	for fixtures
Site Lighting	4	ea	\$ 6,300.00	\$ 25,200	
Monument LED Sign and power	-	ea	\$ -	\$ -	See Site
26 90 00 Photovoltaic					
Roof mounted solar arrays	-	W	\$ 2.00	\$ -	none assumed
TOTAL - DIV 26				\$ 706,450	
27 COMMUNICATIONS					
27 10 00 Structured Cabling					
Structured Cabling	-	sf	\$ -	\$ -	
27 20 00 Data Communications					
Data Cabling and wall and floor boxes	1	ls	\$ 40,000.00	\$ 40,000	
Wireless Access Points(WAPS)	1	ls	\$ 9,120.00	\$ 9,120	
27 40 00 Audio-Video Communications					
Audio-Video Communications	-	sf	\$ -	\$ -	Included \$10,000 with the FF&E, Artwork, and AV line item.
27 60 00 Computer Equipment					
Computers and accessories	-	sf	\$ -	\$ -	By ESRL, none assumed.
TVs	-	sf	\$ -	\$ -	See division 11
Cabling - HDMI	-	sf	\$ -	\$ -	By ESRL, none assumed.
Mobile TV station	-	ls	\$ -	\$ -	Included in AV
Printers	-	sf	\$ -	\$ -	By ESRL, none assumed.
TOTAL - DIV 27				\$ 49,120	
28 ELECTRONIC SAFETY & SECURITY					
28 10 00 Access Control					
Access Control - Single Door	7	ea	\$ 3,000.00	\$ 21,000	Included card readers, per door schedule. Per 6/24/21 meeting add a card reader to room 111/1 so all reading rooms have a card reader
Access Control - Double Door	1	ea	\$ 5,000.00	\$ 5,000	Included card readers, door 100/1
Access Control - Intercom	1	ea	\$ 1,200.00	\$ 1,200	Included card readers, door 139/2
28 20 00 Video Surveillance					
Video Surveillance - CCTV cabling	1	ls	\$ 3,450.00	\$ 3,450	Assumed 15 camera locations to wire to
CCTV Equipment - Outdoor Camera	5	ea	\$ 1,800.00	\$ 9,000	Assumed 5 camera locations
CCTV Equipment - Indoor Camera	15	ea	\$ 1,500.00	\$ 22,500	Assumed 10 camera locations
28 40 00 Life Safety					
Fire Detection and Alarm	14,000	sf	\$ 0.55	\$ 7,700	
TOTAL - DIV 28				\$ 69,850	
TOTAL BUILDING				\$ 5,164,011	

SITE DEVELOPMENT

DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
01 GENERAL REQUIREMENTS					
01 50 00 Temporary Facilities and Controls					
Perimeter Fencing & Barricades - Chain link	1,500	lf	\$ 4.00	\$ 6,000	Temp Chain link Fence
Perimeter Fencing & Barricades - Gates	3	sets	\$ 5,000	\$ 15,000	Temp Chain link Fence Type
01 70 00 Execution and Closeout Requirements					
Final Cleaning	1	allow	\$ 1,000	\$ 1,000	Site Cleaning/Road Wash down
TOTAL - DIV 1				\$ 22,000	
02 EXISTING CONDITIONS					
02 40 00 Demolition and Structure Moving					
<u>Site Demolition</u>					
Existing Sitework Demolition	47,000	sf	\$ 0.50	\$ 23,500	
<u>Site Utility Demolition</u>					
Demo Geothermal	-	ea	\$ -	\$ -	
<u>Building Demolition</u>					
Building Demolition		cf	\$ -	\$ -	By Pocomoke City - Grant Funded
<u>Site Remediation</u>					
Hazardous Materials Remediation	-	allow	\$ -	\$ -	None included.
TOTAL - DIV 2				\$ 23,500	
10 SPECIALTIES					
10 10 00 Information Specialties					
Site Signage	1	ea	\$ -	\$ -	Included with building
10 70 00 Exterior Specialties					
Ground Set Flag Poles	1	ea	\$ -	\$ -	See Division 10 70 00
Exterior Garden Shed	1	allow	\$ 10,000.00	\$ 10,000	
TOTAL - DIV 10				\$ 10,000	
26 ELECTRICAL					
26 50 00 Lighting					
Site Lighting	1	sf	\$ -	\$ -	Included with building
Site Lighting - Parking Lot	1	sf	\$ -	\$ -	Included with building
Entrance Sign power	1	ls	\$ 5,500.00	\$ 5,500	
TOTAL - DIV 26				\$ 5,500	
31 EARTHWORK					
31 10 00 Site Clearing					
Clear and Grub	1	acres	\$ 1,100.00	\$ 1,187	
Remove Large Tree	0	ea	\$ 500.00	\$ -	
31 20 00 Earth Moving					
<u>Excavation - Mass Site Operation</u>					
Bulk Earthwork	1	ls	\$ 66,394.00	\$ 66,394	
Fine Grade Site	1	acres	\$ 1,500.00	\$ 1,618	
Unforeseen Conditions or Hazardous Materials Allowance		cy	\$ -	\$ -	None included.
Utility Locating - Test pits / Potholing	1	allow	\$ 10,000.00	\$ 10,000	
<u>Dewatering</u>					
Dewatering (Rainwater Only)		allow	\$ -	\$ -	None included.
<u>Sediment and Erosion Control</u>					
Silt Fence	-	ls	\$ -	\$ -	
Construction Entrance - Fabric and Stone	1	ea	\$ 10,000.00	\$ 10,000	
Dust Control/Street Cleaning	12	mths	\$ 1,000.00	\$ 12,000	
Temporary Seeding	5,222	sy	\$ 3.00	\$ 15,667	
SEC Maintenance	12	mths	\$ 1,000.00	\$ 12,000	

SITE DEVELOPMENT

DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
31 30 00 Earthwork Methods					
Termite Control Soil Treatment	12,000	sf	\$ 0.50	\$ 6,000	Bldg. Footprint one application only
TOTAL - DIV 31				\$ 134,866	
32 EXTERIOR IMPROVEMENTS					
31 10 00 Bases, Ballasts, and Paving					
<u>Asphalt Paving</u>					
Asphalt Pavement - Light Duty (Parking Lots)	1	ls	\$ 61,882.00	\$ 61,882	
<u>Concrete Paving</u>					
Concrete curb, gutter, and sidewalk	1	ls	\$ 54,091.00	\$ 54,091	Includes broom finish sidewalks
Stamped concrete sidewalks	2,300	sf	\$ 15.75	\$ 36,225	
<u>Paving Specialties</u>					
Parking Bumpers	17	ea	\$ 75.00	\$ 1,275	
Pavement Markings & Signage	-	sy	\$ 0.50	\$ -	Included in asphalt paving
Bollards	-	ea	\$ -	\$ -	None included.
32 30 00 Site Improvements					
<u>Chain Link Fences and Gates - Permanent</u>					
Steel and picket site fence west	57	lf	\$ 170.00	\$ 9,690	
Steel and picket fence gates	3	ea	\$ 1,500.00	\$ 4,500	
Cedar Site Fence	425	lf	\$ 112.69	\$ 47,848	
<u>Site Concrete</u>					
Transformer Pad		allow	\$ -	\$ -	
<u>Site Retaining / Screen Walls</u>					
Site Walls - Concrete	1	ls	\$ 82,000.00	\$ 82,000	
Site Wall - Children's Area Projection Wall Steel Support	1	ls	\$ 5,000.00	\$ 5,000	
Site Wall - Children's Area Projection Wall Parklex	384	sf	\$ 53.00	\$ 20,352	
Exterior Benches and Monument Sign	1	ls	\$ 18,507.00	\$ 18,507	
Concrete Base for Lockers	2	ea	\$ 300.00	\$ 600	
Raised Planters / Concrete Retaining Wall	1	ea	\$ 17,500.00	\$ 17,500	
<u>Site Furnishings</u>					
Bicycle Racks	4	ea	\$ 1,500.00	\$ 6,000	
Benches	-	ea	\$ -	\$ -	Included with concrete
Trash Receptacles	1	allow	\$ 500.00	\$ 500	
Table and Chairs		allow	\$ -	\$ -	See Division 14
32 80 00 Irrigation					
<u>Landscape Irrigation</u>					
Sprinkler Irrigation including power feed	1	sf	\$ -	\$ -	None assumed
32 90 00 Planting					
<u>Turf and Grasses</u>					
Seed Disturbed Areas		sy	\$ -	\$ -	Included with Earth work
<u>Plants</u>					
Landscaping	1	allow	\$ 50,000.00	\$ 50,000	
TOTAL - DIV 32				\$ 415,970	

SITE DEVELOPMENT

DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
33 UTILITIES					
33 10 00 Water Utilities					
Domestic Water					
Water Utilities	1	ls	\$ 23,327.00	\$ 23,327	
33 30 00 Sanitary Sewerage					
Sanitary Sewerage, piping, and manholes	1	ls	\$ 19,205.00	\$ 19,205	
33 40 00 Stormwater Utilities					
Storm utility / infiltrations system	1	allow	\$ 90,000.00	\$ 90,000	
33 70 00 Electrical Utilities					
Electric - Power Tie Into Main Utilities	1	ea	\$	-	Included with building
33 80 00 Communications Utilities					
Communication - Telecomm Tie in to Main Utilities	1	ea	\$	-	Included with building
TOTAL - DIV 33				\$ 132,532	
TOTAL SITE DEVELOPMENT				\$ 741,368	

OWNER COSTS

DESCRIPTION	QTY	UNIT	UNIT \$	TOTAL	COMMENTS
X OWNER'S COSTS					
OWNER'S COSTS					
Architectural / Engineering Fees	8%	ls	\$ 400,500.00	\$ 472,673	
Owner Contingency	0.00	ls	\$ 250,000.00	\$ -	
FF&E Design	1.00	ls	\$ 25,000.00	\$ 25,000	
Testing & Inspection Costs	1.00	ls	\$ 50,000.00	\$ 50,000	
Campaign Costs	0.00	ls	\$ -	\$ -	
Sustainability	0.00	ls	\$ -	\$ -	
Subtotal - OWNER'S COSTS				\$ 547,673	
TOTAL - X OWNER'S COSTS				\$ 547,673	
TOTAL OWNER COSTS				\$ 547,673	

CIP Project Name: Snow Hill Library Building Improvements

Project Director (Name & Title): Jennifer Ranck, Library Director

Phone Number: 410-632-2600

Project Summary and Purpose: Snow Hill Library Building Improvements, improve HVAC and lighting

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

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?:

The Library could apply for capital grant funds through the Maryland State Library Agency, but is already requesting funds for the Pocomoke replacement project.

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? No impact to personnel; operating costs should decrease with more efficient equipment; maintenance cost may increase depending on the building systems selected and if outside vendors need to support.

What is the useful life of the asset/project? 20 years

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design	70,000							70,000
Land Acquisition								0
Site Work								0
Construction	770,000							770,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	840,000	0	0	0	0	0	0	840,000

SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds	840,000							840,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	840,000	0	0	0	0	0	0	840,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: 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?

Worcester County Library completed a Facilities Master Plan in 2022. Building improvements to the Snow Hill Branch Library were identified as the second priority after the Pocomoke Branch Library replacement project. 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 Facility Plan recommends, "A major renovation of all interior finishes, fixtures, furniture, equipment, lighting, service desks, etc. is needed in both the public and staff areas. This includes shelving, both metal shelving and end panels, and the addition of mobile display units to highlight topical, new, or popular items." The library understands that a major renovation may not be possible.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

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 (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. 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 (\$70,000); HVAC replacement (including air handling units, circulating pumps, and controls (\$400,000); plumbing and lighting improvements (\$370,000). Increased the overall estimate by approximately 16% 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 did not apply for a state capital grant 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 concerning. Building improvements should lower ongoing operating costs.

CIP Operating Impact Projections

Project: Snow Hill Library Building Improvements

Department & Signature of Department Head: Jennifer Ranck, Sept. 9, 2022

Personnel Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Job Title & Salary/Benefit Costs (List Separately)						0
						0
						0
						0
						0
						0
						0
						0
						0
						0

EXPENDITURES

New Positions Salary & Benefits TOTAL	0	0	0	0	0	0
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Operating Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Utilities						0
Telephone						0
Custodial						0
Cleaning						0
Maintenance Repairs						0
Refuse						0
Fire/Security Alarm						0
Internet						0
Vehicle Expense						0
Other						0
						0
						0
						0

EXPENDITURES

Operating TOTAL	0	0	0	0	0	0
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ITEM 9

Project: Snow Hill Library Building Improvements

Capital Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Furnishings						0
Equipment						0
						0
						0
						0
						0
						0
EXPENDITURES						
Capital TOTAL	0	0	0	0	0	0
Projected Revenue Impact	FY 24	FY 25	FY 26	FY 27	FY 28	Revenue Total
						0
						0
						0
						0
						0
						0
REVENUES						
Project Revenue TOTAL	0	0	0	0	0	0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0

Project: Snow Hill Library Building Improvements

Complete the following questions.

Operating Impacts

Employee positions.

Does the project increase or reduce the number of employees needed? How many positions would be affected? Are the positions full-time, part-time, contractual, grant-funded, enterprise funded? What is the projected cost (savings) of the employees? Are there benefit costs for additional full-time or part-time employees? Benefit cost should be calculated by using the full time 46.54% or for part time 21.58%.

No impact to personnel expenses.

Utility costs.

Does the project increase or reduce utility costs? Utilities may include electricity, oil, gas, telephone, water or sewer costs.

Replacement of HVAC and the plumbing and lighting upgrades should result in utility cost reduction.

Maintenance costs.

Does the project increase or reduce internal maintenance costs or maintenance agreements with outside vendors? Some costs to consider are custodial services, ball field maintenance, road maintenance and general preventative maintenance.

Maintenance cost may increase depending on the building systems selected and if outside vendors need to support.

Insurance costs.

Does the project increase insurance costs? You should consider liability, property and vehicle insurance.

No impact anticipated.

Telecommunications.

Consider the potential need of telephones, copiers, and computers and hardware. List them below.

HVAC may require computer and network capability for monitoring / energy analysis purposes.

Furniture, equipment or capital outlay.

Does the project increase or reduce the need for furniture and equipment or other capital outlay items? Is the increase or savings on-going or one-time?

No furnishing or capital outlay in the project.

CIP Project Name: Broadband Infrastructure

Project Director (Name & Title): Brian Jones, Director of IT

Phone Number: 410-632-9301

Project Summary and Purpose: To support the expansion of broadband infrastructure county-wide.

Project Location: Worcester County unserved areas.

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: There could possibly be more grant funds available in the future. We continue to monitor grant availability. Most grants do require a match based on a percentage.

Is there a Federal or State mandate related to this project? If so, please elaborate: No.

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? Not at this point

What is the useful life of the asset/project? Fiber has a 20-45 year shelf life depending on it being buried in innerduct or aerial. Once the fiber is installed and the computer hardware is purchased it will become the service providers (ISP) responsibility to replace and upgrade as needed.

Will this project generate revenue? The availability of broadband will increase property values and add equity to home owners as well as provide Economic Development to areas that don't already have adequate services.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design								0
Land Acquisition								0
Site Work								0
Construction	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000			5,000,000
Equipment/Furnishings								0
Other - Please Specify								0

TOTAL	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	5,000,000
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SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000			5,000,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0

TOTAL	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	5,000,000
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PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: 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?

We have a feasibility study that determines the scope of the project. The scope was conducted by residential testing for broadband speeds available in respective neighborhoods. Data was collected and sent to CTC Consulting for their review and reporting.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

This would allow all residents in unserved areas of the county to have broadband access. This will also help drive down the costs for those in the county already served. Having broadband in rural areas will increase property value and add equity home as well as add value to Economic Development. Delaying this progress will mean rising costs for hardware, fiber and labor as we have seen since other rural broadband projects started.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

We used the consultant of CTC to complete a feasibility study for Worcester County. The study was done a couple of years ago, prior to the pandemic. It was estimated to cost 52 to 54 million dollars for the entire project. As of 2/10/2022 the estimated costs jumped to 74 million dollars to complete. The cost per mile is estimated between \$36 to \$87 thousand per mile. This is dependent on road condition, population of the area and aerial verses in-ground cabling. The CTC original study can be found on the county internet site.

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?

Timing is always a huge factor in this project as the costs and availability for fiber is constantly changing. The costs to produce and manufacture is on the rise while availability is shrinking. No special timing concerns other than overall costs.

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 the pandemic, the ability to telework or virtual school from home and telehealth/telemedicine has had a huge impact for citizens without broadband capabilities. We want to expand broadband countywide. This is a growing concern of many residents that need the ability to work from home. The pandemic has changed the way residents work and or educate.

CIP Project Name: Worcester County Jail Improvements Phase 2

Project Director (Name & Title): Fulton Holland, Warden: William Bradshaw, County Engineer
Phone Number: 410,632,1300:410-632-1200

Project Summary and Purpose: This project includes replacement of heating and 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 in the 1980/1988 areas are also included. 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.

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

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?

No grants provided. This project is currently in process and funded by general fund and general bonds same as prior forecast estimate.

Is there a Federal or State mandate related to this project? If so, please elaborate:

No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance?

The project does not increase personnel. The project does provide for energy costs savings as a result of more efficient equipment and LED lighting installation estimated at \$40,000 per year.

What is the useful life of the asset/project? 20 years

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design	40,000					542,000		582,000
Land Acquisition								0
Site Work								0
Construction	4,565,580	175,000				6,593,090		11,333,670
Equipment/Furnishings								0
Other - (Commissioning and Contingency)	84,749					15,000		99,749

TOTAL	4,690,329	175,000	0	0	0	7,150,090	0	12,015,419
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SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds						542,822		542,822
Private Donation								0
Enterprise Bonds								0
General Bonds	4,690,329	175,000				6,607,268		11,472,597
Other - Please Specify								0

TOTAL	4,690,329	175,000	0	0	0	7,150,090	0	12,015,419
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PROJECTED OPERATING IMPACTS	0	(39,500)	(39,500)	(39,500)	(39,500)			(158,000)
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CIP Project Name: 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?

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. 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 as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

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.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

Base estimate is per Gipe Engineering - attached. Construction is awarded to Bancroft Construction and cash flows represent the current project schedule (as of August 2022).

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 request includes an increase of \$59,749 resulting from the bidding and award of the construction contract to Bancroft in February 2022.

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 currently in construction phase.

ITEM 9

Project: Jail Improvements Phase 2

Capital Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Furnishings						0
Equipment						0
						0
						0
						0
						0
						0
						0
EXPENDITURES						0
Capital TOTAL	0	0	0	0	0	0
Projected Revenue Impact	FY 24	FY 25	FY 26	FY 27	FY 28	Revenue Total
						0
						0
						0
						0
						0
						0
						0
REVENUES						0
Project Revenue TOTAL	0	0	0	0	0	0
PROJECTED OPERATING IMPACTS	0	(39,500)	(39,500)	(39,500)	(39,500)	(158,000)

Project: Jail Improvements Phase 2

Complete the following questions.

Operating Impacts

Employee positions.

Does the project increase or reduce the number of employees needed? How many positions would be affected? Are the positions full-time, part-time, contractual, grant-funded, enterprise funded? What is the projected cost (savings) of the employees? Are there benefit costs for additional full-time or part-time employees? Benefit cost should be calculated by using the full time 46.54% or for part time 21.58%.

No additional employees.

Utility costs.

Does the project increase or reduce utility costs? Utilities may include electricity, oil, gas, telephone, water or sewer costs.

Estimated to reduce utility costs \$40,000 per year beginning FY 25.

Maintenance costs.

Does the project increase or reduce internal maintenance costs or maintenance agreements with outside vendors? Some costs to consider are custodial services, ball field maintenance, road maintenance and general preventative maintenance.

Insurance costs.

Does the project increase insurance costs? You should consider liability, property and vehicle insurance.

Based on the value of the improvements the facility insurance costs will increase. Estimate increase \$500 per year.

Telecommunications.

Consider the potential need of telephones, copiers, and computers and hardware. List them below. None needed.

Furniture, equipment or capital outlay.

Does the project increase or reduce the need for furniture and equipment or other capital outlay items? Is the increase or savings on-going or one-time? No



Gipe Associates, Inc.
CONSULTING ENGINEERS

Mechanical | Electrical | Plumbing

8719 BROOKS DRIVE
EASTON, MARYLAND
PHONE: 410-822-8688
FAX: 410-822-6306

CONSTRUCTION COST ESTIMATE

PROJECT: Worcester County Detention Center
GAI PROJECT NO: 20059
DATE: 03/05/21
PREPARED BY: GAW

GENERAL PROJECT INFORMATION

PROJECT SQUARE FOOTAGE: 57,524
FACILITY TYPE: Detention Center
OF FLOORS: 1
ARCHITECT: Gipe Associates, Inc.
BASIS FOR ESTIMATE: CODE-B (DESIGN DEVELOPMENT)
SUMMARY: DESIGN DEVELOPMENT ESTIMATE

Design Development Total Estimate	QUANTITY		MATERIAL		LABOR		TOTAL COST
	NO. OF UNITS	UNIT OF MEASURE	PER UNIT	TOTAL	PER UNIT	TOTAL	
BASE BID COST ESTIMATE							
DIVISION 01-DIVISION09	1.0	LS	\$ -	\$ -	\$ 2,546,000.00	\$ 2,546,000.00	\$ 2,546,000.00
DIVISION 21-23	1.0	LS	\$ -	\$ -	\$ 4,465,220.00	\$ 4,465,220.00	\$ 4,465,220.00
DIVISION 26-28	1.0	LS	\$ -	\$ -	\$ 453,670.00	\$ 453,670.00	\$ 453,670.00
COMMISSIONING	1.0	LS	\$ -	\$ -	\$ 32,000.00	\$ 32,000.00	\$ 32,000.00
CONTINGENCY ALLOWANCE	1.0	LS	\$ -	\$ -	\$ 90,000.00	\$ 90,000.00	\$ 90,000.00
ALTERNATE #1 - 2 YEAR WARRANTY	1.0	LS	\$ -	\$ -	\$ -	\$ -	\$ -
ALTERNATE #2 - ATC SYSTEM CONTRACTOR	1.0	LS	\$ -	\$ -	\$ -	\$ -	\$ -
ALTERNATE #3 - PVC PIPE JACKET	1.0	LS	\$ -	\$ -	\$ -	\$ -	\$ -
ALTERNATE #4 - HIGH EFFICENCY UNITS	1.0	EA	\$ -	\$ -	\$ -	\$ -	\$ -
ALTERNATE #5 - LAUNDRY MAKE-UP	1.0	LS	\$ -	\$ -	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
ALTERNATE #6 - EXERCISE ENCLOSURES (9 ENCLOSURES)	1.0	LS	\$ -	\$ -	\$ 72,000.00	\$ 72,000.00	\$ 72,000.00
ALTERNATE #7 - ATC SYSTEM INTEGRATION	1.0	LS	\$ -	\$ -	\$ 33,000.00	\$ 33,000.00	\$ 33,000.00
ALTERNATE #8 - STAINLESS STEEL SHOWER ENCLOSURE	1.0	LS	\$ -	\$ -	\$ 95,000.00	\$ 95,000.00	\$ 95,000.00
ALTERNATE #9 - ROOF REPLACEMENT	1.0	LS	\$ -	\$ -	\$ 538,000.00	\$ 538,000.00	\$ 538,000.00
ALTERNATE #10 - LED LIGHTING	1.0	LS	\$ -	\$ -	\$ 247,500.00	\$ 247,500.00	\$ 247,500.00

COST ESTIMATE SUMMARY			
DESCRIPTION	MATERIAL	LABOR	TOTAL
BASE BID TOTAL COST	\$ -	\$ 7,586,890.00	\$ 7,586,890.00
ALTERNATE #1 TOTAL COST	\$ -	\$ -	\$ -
ALTERNATE #2 TOTAL COST	\$ -	\$ -	\$ -
ALTERNATE #3 TOTAL COST	\$ -	\$ -	\$ -
ALTERNATE #4 TOTAL COST	\$ -	\$ -	\$ -
ALTERNATE #5 TOTAL COST	\$ -	\$ 30,000.00	\$ 30,000.00
ALTERNATE #6 TOTAL COST	\$ -	\$ 72,000.00	\$ 72,000.00
ALTERNATE #7 TOTAL COST	\$ -	\$ 33,000.00	\$ 33,000.00
ALTERNATE #8 TOTAL COST	\$ -	\$ 95,000.00	\$ 95,000.00
ALTERNATE #9 TOTAL COST	\$ -	\$ 538,000.00	\$ 538,000.00
ALTERNATE #10 TOTAL COST	\$ -	\$ 247,500.00	\$ 247,500.00
TOTAL BASE BID + ALTERNATES:	\$ -	\$ 8,602,390.00	\$ 8,602,390.00
TOTAL BASE BID + ALT. COST PER SQUARE FOOT:	\$0.00 PER S.F.	\$149.54 PER S.F.	\$149.54 PER S.F.

GRAND TOTAL COST ESTIMATE SUMMARY			
ADDITIONAL PROJECT COST ITEM DESCRIPTION (APPLIES TO BASE BID ONLY)	PERCENTAGE (%)	% X TOTAL BASE BID	REMARKS
CONTRACTOR OVERHEAD	5.0%	\$ 379,344.50	
CONTRACTOR PROFIT	5.0%	\$ 379,344.50	
GENERAL CONDITIONS	5.0%	\$ 379,344.50	
PHASING OF GENERAL CONDITIONS	5.0%	\$ 379,344.50	
DESIGN CONTINGENCY	5.0%	\$ 379,344.50	
CONSTRUCTION CONTINGENCY	5.0%	\$ 379,344.50	
BUILDER'S RISK INSURANCE	1.0%	\$ 75,868.90	
PERMIT FEES	1.0%	\$ 75,868.90	
CONTRACTOR INSURANCE	2.0%	\$ 151,737.80	
PAYMENT BOND	1.0%	\$ 75,868.90	
PERFORMANCE BOND	1.0%	\$ 75,868.90	
UTILITY COST (ELECTRIC, GAS, ETC...)	0.0%	\$ -	
TOTAL ADDITIONAL PROJECT COST ITEMS		\$ 2,731,280.40	
GRAND TOTAL CONSTRUCTION COST (BASE BID + ADDITIONAL PROJECT COSTS)		\$ 10,318,170.40	\$179.37 PER S.F.
GRAND TOTAL CONSTRUCTION COST (BASE BID + ALTERNATES + ADDITIONAL PROJECT COSTS)		\$ 11,333,670.40	\$197.03 PER S.F.



Gipe Associates, Inc.
CONSULTING ENGINEERS

Mechanical | Electrical | Plumbing

8719 BROOKS DRIVE
EASTON, MARYLAND
PHONE: 410-822-8688
FAX: 410-822-6306

CONSTRUCTION COST ESTIMATE

PROJECT: Worcester County Detention Center
GAI PROJECT NO: 20059
DATE: 03/05/21
PREPARED BY: GAW

GENERAL PROJECT INFORMATION

PROJECT SQUARE FOOTAGE: 57,524
FACILITY TYPE: Detention Center
OF FLOORS: 1
ARCHITECT: Gipe Associates, Inc
BASIS FOR ESTIMATE: CODE-B (DESIGN DEVELOPMENT)
SUMMARY: DESIGN DEVELOPMENT ESTIMATE

Mechanical Systems	QUANTITY		MATERIAL		LABOR		TOTAL COST
	NO. OF UNITS	UNIT OF MEASURE	PER UNIT	TOTAL	PER UNIT	TOTAL	

BASE BID COST ESTIMATE

	NO. OF UNITS	UNIT OF MEASURE	PER UNIT	TOTAL	PER UNIT	TOTAL	TOTAL COST
DEMOLITION	1.0	LS	\$ -	\$ -	\$ 287,620.00	\$ 287,620.00	\$ 287,620.00
GYM AHU	1.0	EA	\$ 143,810.00	\$ 143,810.00	\$ 115,048.00	\$ 115,048.00	\$ 258,858.00
CORRIDOR RTU	3.0	EA	\$ 57,524.00	\$ 172,572.00	\$ 43,143.00	\$ 129,429.00	\$ 302,001.00
CRANE	1.0	LS	\$ 70,000.00	\$ 70,000.00	\$ -	\$ -	\$ 70,000.00
REFRIGERANT/CONDENSATE PIPE	1.0	LS	\$ 43,143.00	\$ 43,143.00	\$ 31,638.20	\$ 31,638.20	\$ 74,781.20
HOT WATER PIPE	1.0	LS	\$ 103,543.20	\$ 103,543.20	\$ 135,181.40	\$ 135,181.40	\$ 238,724.60
INSULATION	1.0	LS	\$ 94,914.60	\$ 94,914.60	\$ 94,914.60	\$ 94,914.60	\$ 189,829.20
AUTOMATIC TEMP. CONTROLS (ATC)	1.0	LS	\$ 287,620.00	\$ 287,620.00	\$ 402,668.00	\$ 402,668.00	\$ 690,288.00
RELIEF FAN	12.0	EA	\$ 3,500.00	\$ 42,000.00	\$ 1,500.00	\$ 18,000.00	\$ 60,000.00
TEST AND BALANCE	1.0	LS	\$ -	\$ -	\$ 138,057.60	\$ 138,057.60	\$ 138,057.60
DUCTWORK	1.0	LS	\$ 483,201.60	\$ 483,201.60	\$ 819,717.00	\$ 819,717.00	\$ 1,302,918.60
FIRE PROTECTION	1.0	LS	\$ 43,143.00	\$ 43,143.00	\$ 109,295.60	\$ 109,295.60	\$ 152,438.60
H&V UNIT	11.0	EA	\$ 30,000.00	\$ 330,000.00	\$ 15,000.00	\$ 165,000.00	\$ 495,000.00
PLUMBING PIPING	2,300.0	LF	\$ 7.00	\$ 16,100.00	\$ 10.00	\$ 23,000.00	\$ 39,100.00
FREEZE PUMPS	15.0	EA	\$ 600.00	\$ 9,000.00	\$ 800.00	\$ 12,000.00	\$ 21,000.00
PLUMBING CHASE	54.0	EA	\$ 800.00	\$ 43,200.00	\$ 1,500.00	\$ 81,000.00	\$ 124,200.00
SHOWERS	17.0	EA	\$ 400.00	\$ 6,800.00	\$ 800.00	\$ 13,600.00	\$ 20,400.00

COST ESTIMATE SUMMARY

DESCRIPTION	MATERIAL	LABOR	TOTAL
BASE BID TOTAL COST	\$ 1,889,047.40	\$ 2,576,169.40	\$ 4,465,216.80
TOTAL BASE BID COST PER SQUARE FOOT:	\$32.84 PER S.F.	\$44.78 PER S.F.	\$77.62 PER S.F.

GRAND TOTAL COST ESTIMATE SUMMARY

ADDITIONAL PROJECT COST ITEM DESCRIPTION (APPLIES TO BASE BID ONLY)	PERCENTAGE (%)	% X TOTAL BASE BID	REMARKS
CONTRACTOR OVERHEAD	0.0%	\$ -	
CONTRACTOR PROFIT	0.0%	\$ -	
GENERAL CONDITIONS	0.0%	\$ -	
BUILDER'S RISK INSURANCE	0.0%	\$ -	
PERMIT FEES	0.0%	\$ -	
CONTRACTOR INSURANCE	0.0%	\$ -	
PAYMENT BOND	0.0%	\$ -	
PERFORMANCE BOND	0.0%	\$ -	
UTILITY COST (ELECTRIC, GAS, ETC...)	0.0%	\$ -	
TOTAL ADDITIONAL PROJECT COST ITEMS		\$ -	
GRAND TOTAL CONSTRUCTION COST (BASE BID + ADDITIONAL PROJECT COSTS)		\$ 4,465,216.80	\$77.62 PER S.F.



Gipe Associates, Inc.
CONSULTING ENGINEERS

Mechanical | Electrical | Plumbing

CONSTRUCTION COST ESTIMATE

PROJECT: Worcester County Detention Center
 GAI PROJECT NO: 20059
 DATE: 03/05/21
 PREPARED BY: EMP

GENERAL PROJECT INFORMATION

PROJECT SQUARE FOOTAGE: 57,524
 FACILITY TYPE: Detention Center
 # OF FLOORS: 1
 ARCHITECT: Gipe Associates, Inc
 BASIS FOR ESTIMATE: CODE-B (DESIGN DEVELOPMENT)
 SUMMARY: DESIGN DEVELOPMENT ESTIMATE

Electrical Systems	QUANTITY		MATERIAL		LABOR		TOTAL COST
	NO. OF UNITS	UNIT OF MEASURE	PER UNIT	TOTAL	PER UNIT	TOTAL	

BASE BID COST ESTIMATE

DEMOLITION	1.0	LS	\$ -	\$ -	\$ 48,895.40	\$ 48,895.40	\$ 48,895.40
FIRE ALARM	1.0	LS	\$ 71,905.00	\$ 71,905.00	\$ 106,419.40	\$ 106,419.40	\$ 178,324.40
GYM AHU	1.0	EA	\$ 2,400.00	\$ 2,400.00	\$ 6,000.00	\$ 6,000.00	\$ 8,400.00
CORRIDOR RTU	2.0	EA	\$ 1,000.00	\$ 2,000.00	\$ 3,000.00	\$ 6,000.00	\$ 8,000.00
MAU	1.0	EA	\$ 900.00	\$ 900.00	\$ 1,500.00	\$ 1,500.00	\$ 2,400.00
WORK RELEASE RTU	1.0	EA	\$ 1,200.00	\$ 3,500.00	\$ 2,500.00	\$ 1,500.00	\$ 5,000.00
H&V UNIT	11.0	EA	\$ 1,000.00	\$ 11,000.00	\$ 3,500.00	\$ 38,500.00	\$ 49,500.00
ERV UNIT	11.0	EA	\$ 1,000.00	\$ 11,000.00	\$ 3,500.00	\$ 38,500.00	\$ 49,500.00
FANS	9.0	EA	\$ 450.00	\$ 4,050.00	\$ 1,100.00	\$ 9,900.00	\$ 13,950.00
LIGHTING (REMOVE, CLEAN & REPLACE)	550.0	EA	\$ 75.00	\$ 41,250.00	\$ 35.00	\$ 19,250.00	\$ 60,500.00
UPS CIRCUITS	1.0	LS	\$ 2,700.00	\$ 2,700.00	\$ 6,500.00	\$ 6,500.00	\$ 9,200.00
PANEL	2.0	EA	\$ 5,000.00	\$ 10,000.00	\$ 5,000.00	\$ 10,000.00	\$ 20,000.00

ALTERNATE #1 - REPLACE LIGHTING IN KIND WITH LED LIGHTING

ALTERNATE #1 - LIGHTING	550.0	EA	\$ 300.00	\$ 165,000.00	\$ 150.00	\$ 82,500.00	\$ 247,500.00
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ALTERNATE #2 -

ALTERNATE #2 -	1.0	LS	\$ -	\$ -	\$ -	\$ -	\$ -
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COST ESTIMATE SUMMARY

DESCRIPTION	MATERIAL	LABOR	TOTAL
BASE BID TOTAL COST	\$ 160,705.00	\$ 292,964.80	\$ 453,669.80
ALTERNATE #1 TOTAL COST	\$ 165,000.00	\$ 82,500.00	\$ 247,500.00
ALTERNATE #2 TOTAL COST	\$ -	\$ -	\$ -
TOTAL BASE BID + ALTERNATES:	\$ 325,705.00	\$ 375,464.80	\$ 701,169.80
TOTAL BASE BID + ALT. COST PER SQUARE FOOT:	\$5.66 PER S.F.	\$6.53 PER S.F.	\$12.19 PER S.F.

GRAND TOTAL COST ESTIMATE SUMMARY

ADDITIONAL PROJECT COST ITEM DESCRIPTION (APPLIES TO BASE BID ONLY)	PERCENTAGE (%)	% X TOTAL BASE BID	REMARKS
CONTRACTOR OVERHEAD	0.0%	\$ -	
CONTRACTOR PROFIT	0.0%	\$ -	
GENERAL CONDITIONS	0.0%	\$ -	
BUILDER'S RISK INSURANCE	0.0%	\$ -	
PERMIT FEES	0.0%	\$ -	
CONTRACTOR INSURANCE	0.0%	\$ -	
PAYMENT BOND	0.0%	\$ -	
PERFORMANCE BOND	0.0%	\$ -	
UTILITY COST (ELECTRIC, GAS, ETC...)	0.0%	\$ -	
TOTAL ADDITIONAL PROJECT COST ITEMS		\$ -	
GRAND TOTAL CONSTRUCTION COST (BASE BID + ADDITIONAL PROJECT COSTS)		\$ 453,669.80	\$7.89 PER S.F.
GRAND TOTAL CONSTRUCTION COST (BASE BID + ALTERNATES + ADDITIONAL PROJECT COSTS)		\$ 701,169.80	\$12.19 PER S.F.

CIP Project Name: Public Safety Logistical Storage Facility

Project Director (Name & Title): Matthew Owens, Fire Marshal

Phone Number: 410-632-5666

Project Summary and Purpose: The proposed building will house vehicles and storage for the Department of Emergency Services, the Sheriff's Office and the Fire Marshal's Office. The proposed building will hold the current 22 vehicles and the many trailers used by all three departments. Plus the building will house the storage for the Logistical 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.

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

Project Location: The proposed location is on the property of the existing Fire Training Center which is owned by the county (12 acres of cleared land/adjacent to a proposed Public Safety Building).

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: No grants.

Is there a Federal or State mandate related to this project? If so, please elaborate: N/A

Are there impacts to the General Fund operating expenditures such as personnel or utilities & 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.

What is the useful life of the asset/project? 30 + years

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design								0
Land Acquisition								0
Site Work	157,500							157,500
Construction	2,887,500							2,887,500
Equipment/Furnishings	52,500							52,500
Other - Please Specify	210,000							210,000
TOTAL	3,307,500	0	0	0	0	0	0	3,307,500

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
SOURCES OF FUNDS								
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	3,107,500							3,107,500
Other - Please Specify								0
TOTAL	3,307,500	0	0	0	0	0	0	3,307,500

PROJECTED OPERATING IMPACTS	23,300	23,300	23,300	23,300	23,300			116,500
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CIP Project Name: 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?

The project was discussed between the 3 public safety departments to include Emergency Services, Sheriff's Office and the Fire Marshal's Office. A larger "warehouse" style building is needed for several purposes. To include current emergency response vehicles to be stored inside out of the weather. These vehicles are critical response vehicles for a multitude array of purposes to support emergency management, law enforcement and hazardous materials and CBRNE type incidents.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

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 (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

The cost estimate was difficult to determine due to the current environment of supplies and materials. The county is currently entered into a contract with Davis Bowen and Friedel to provide architectural and engineering services. At this time the building product cost vary day to day and have steadily increased over the past several years. There was no scope 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 is being prepared by DBF. A concern of material cost exist due to the current building industry.

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 several years the county has added to the vehicles and equipment which is stored outside in 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 to Public Safety in Worcester County. Protecting current assets in 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.

CIP Operating Impact Projections

Project: Public Safety Logistical Storage Building
Department & Signature of Department Head: Matthew Owens

Personnel Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Job Title & Salary/Benefit Costs (List Separately)						0
						0
						0
						0
						0
						0
						0
						0
						0

EXPENDITURES

New Positions Salary & Benefits TOTAL	0	0	0	0	0	0
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Operating Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Utilities	10,000	10,000	10,000	10,000	10,000	50,000
Telephone	500	500	500	500	500	2,500
Custodial	2,500	2,500	2,500	2,500	2,500	12,500
Cleaning	300	300	300	300	300	1,500
Maintenance Repairs	6,000	6,000	6,000	6,000	6,000	30,000
Refuse	1,000	1,000	1,000	1,000	1,000	5,000
Fire/Security Alarm	2,000	2,000	2,000	2,000	2,000	10,000
Internet	1,000	1,000	1,000	1,000	1,000	5,000
Vehicle Expense						0
Other						0
						0
						0
						0

EXPENDITURES

Operating TOTAL	23,300	23,300	23,300	23,300	23,300	116,500
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ITEM 9

Project: Public Safety Logistical Storage Building

Capital Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Furnishings						0
Equipment						0
						0
						0
						0
						0
						0
EXPENDITURES						0

Capital TOTAL	0	0	0	0	0	0
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Projected Revenue Impact	FY 24	FY 25	FY 26	FY 27	FY 28	Revenue Total
						0
						0
						0
						0
						0
						0
						0
REVENUES						0

Project Revenue TOTAL	0	0	0	0	0	0
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PROJECTED OPERATING IMPACTS	23,300	23,300	23,300	23,300	23,300	116,500
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Project: Public Safety Logistical Storage Building

Complete the following questions.

Operating Impacts

Employee positions.

Does the project increase or reduce the number of employees needed? How many positions would be affected? Are the positions full-time, part-time, contractual, grant-funded, enterprise funded? What is the projected cost (savings) of the employees? Are there benefit costs for additional full-time or part-time employees? Benefit cost should be calculated by using the full time 46.54% or for part time 21.58%.

No new personnel is expected at this time.

Utility costs.

Does the project increase or reduce utility costs? Utilities may include electricity, oil, gas, telephone, water or sewer costs.

Utility costs will be increased because this is a new building.

Maintenance costs.

Does the project increase or reduce internal maintenance costs or maintenance agreements with outside vendors? Some costs to consider are custodial services, ball field maintenance, road maintenance and general preventative maintenance.

Maintenance cost will increase because this is a new building.

Insurance costs.

Does the project increase insurance costs? You should consider liability, property and vehicle insurance.

Insurance cost will increase because this is a new building in the county's inventory.

Telecommunications.

Consider the potential need of telephones, copiers, and computers and hardware. List them below.

Telephone service, internet service, computer service will all need to be provided for the proposed building.

Furniture, equipment or capital outlay.

Does the project increase or reduce the need for furniture and equipment or other capital outlay items? Is the increase or savings on-going or one-time?

There will be a one-time furniture and equipment cost.

CIP Project Name: State's Attorney Building Addition

Project Director (Name & Title): William Bradshaw, P.E. County Engineer

Phone Number: 410-632-1200

Project Summary and Purpose:

Provide office space for the State's Attorney Offices (SAO). The current building will not accommodate authorized and projected staffing levels. This estimate is for a 6,000 SF building addition adjacent to the existing SAO building with elevator. No formal design has been completed for this conceptual estimate. This estimate includes preliminary schematic design professional services.

Project Location: Snow Hill MD (Walking proximity to both Circuit and District Courthouses)

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?:

None Identified

Is there a Federal or State mandate related to this project? If so, please elaborate:

State mandate for law enforcement to use body/video cameras increases personnel/attorney resources required to process.

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? Yes operating costs including utilities and maintenance.

What is the useful life of the asset/project? 40 years

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design	50,000	200,000	50,000	50,000				350,000
Land Acquisition	0							0
Site Work		600,000	703,852					1,303,852
Construction		1,705,813	1,194,069	511,744				3,411,625
Equipment/Furnishings			50,000	100,000				150,000
Other - Contingency, Permitting, Moving, Escalation	37,540	225,240	375,400	112,620				750,799
TOTAL	87,540	2,731,052	2,373,320	774,364	0	0	0	5,966,276

SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds	87,540	2,731,052	2,373,320	774,364				5,966,276
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	87,540	2,731,052	2,373,320	774,364	0	0	0	5,966,276

PROJECTED OPERATING IMPACTS	12,950	12,950	13,025	13,025	13,450			65,400
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CIP Project Name: State's Attorney Building 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?

The scope of this project is to design and build an addition adjacent to the existing SAO office building. The building will need to be elevated to maintain ground level stormwater system function for the existing facility and to accommodate new roof/collection requirements for the addition. New parking lot expansion will be needed on Washington street. There is a vacant lot the County owns for the purpose of additional parking.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project? The County will benefit by locating State's Attorney personnel in a central location adjacent to existing court facilities and supervisory staff.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

This estimate is based on order of magnitude building area metrics and fee base percentages of construction cost (eg., architect fees, construction management fees, etc.)currently in use for similar projects. The estimate spreadsheet is attached.

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 requested by direction of the County Commissioners on 9/6/22 as a result of new SAO employee needs.

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 and high priority to accommodate approved employee hiring.

CIP Operating Impact Projections

Project: State's Attorney Building Addition

Department & Signature of Department Head: William Bradshaw

Personnel Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Job Title & Salary/Benefit Costs (List Separately)						0
						0
						0
						0
						0
						0
						0
						0

EXPENDITURES

New Positions Salary & Benefits TOTAL	0	0	0	0	0	0
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Operating Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Utilities	8,500	8,500	8,575	8,575	9,000	43,150
Telephone						0
Custodial	1,200	1,200	1,200	1,200	1,200	6,000
Cleaning						0
Maintenance Repairs	1,500	1,500	1,500	1,500	1,500	7,500
Refuse						0
Fire/Security Alarm	1,000	1,000	1,000	1,000	1,000	5,000
Internet						0
Vehicle Expense						0
Other	750	750	750	750	750	3,750
						0
						0
						0

EXPENDITURES

Operating TOTAL	12,950	12,950	13,025	13,025	13,450	65,400
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ITEM 9

Project: State's Attorney Building Addition

Capital Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Furnishings						0
Equipment						0
						0
						0
						0
						0
						0
						0
EXPENDITURES						
Capital TOTAL	0	0	0	0	0	0
Projected Revenue Impact	FY 24	FY 25	FY 26	FY 27	FY 28	Revenue Total
						0
						0
						0
						0
						0
						0
						0
REVENUES						
Project Revenue TOTAL	0	0	0	0	0	0
PROJECTED OPERATING IMPACTS	12,950	12,950	13,025	13,025	13,450	65,400

Project: State's Attorney Building Addition

Complete the following questions.

Operating Impacts

Employee positions.

Does the project increase or reduce the number of employees needed? How many positions would be affected? Are the positions full-time, part-time, contractual, grant-funded, enterprise funded? What is the projected cost (savings) of the employees? Are there benefit costs for additional full-time or part-time employees? Benefit cost should be calculated by using the full time 46.54% or for part time 21.58%. This project is required due to the prior authorization of additional employees. No additional employees are required for this addition to the existing building.

Utility costs.

Does the project increase or reduce utility costs? Utilities may include electricity, oil, gas, telephone, water or sewer costs. Yes utility costs will increase due to the increase in building size. Primarily electricity costs will increase for heating/cooling additional space.

Maintenance costs.

Does the project increase or reduce internal maintenance costs or maintenance agreements with outside vendors? Some costs to consider are custodial services, ball field maintenance, road maintenance and general preventative maintenance. Yes, additional custodial services, alarm systems maintenance/monitoring and general maintenance costs will increase.

Insurance costs.

Does the project increase insurance costs? You should consider liability, property and vehicle insurance. Yes, est. \$750 per year.

Telecommunications.

Consider the potential need of telephones, copiers, and computers and hardware. List them below.

Furniture, equipment or capital outlay.

Does the project increase or reduce the need for furniture and equipment or other capital outlay items? Is the increase or savings on-going or one-time?

Division	State's Attorney Building Addition CIP Estimate 6000 SF Addition 3 Story				Existing Site Parking, Stormwater			Project Total	
	Building		%	Cost	Site Development		Cost	6000	GSF \$/SF
	6000	GSF \$/SF			0.5	Acre \$/Acre		GSF	
Construction Work									
1 General Requirements	\$ 108,000.00	18	4.07	\$ 10,150.00	20300	0.93	\$ 118,150.00	19.69	
2 Existing Conditions	\$ -	0	0.00	\$ 15,524.00	31048	1.42	\$ 15,524.00	2.59	
3 Concrete	\$ 180,000.00	30	6.78	\$ -		0.00	\$ 180,000.00	30.00	
4 Masonry	\$ 210,000.00	35	7.91	\$ -		0.00	\$ 210,000.00	35.00	
5 Metals	\$ 185,460.00	30.91	6.98	\$ -		0.00	\$ 185,460.00	30.91	
6 Wood, Plastic, Composites	\$ 60,960.00	10.16	2.29	\$ -		0.00	\$ 60,960.00	10.16	
7 Thermal & Moisture Protection	\$ 393,840.00	65.64	14.83	\$ -		0.00	\$ 393,840.00	65.64	
8 Openings	\$ 130,080.00	21.68	4.90	\$ -		0.00	\$ 130,080.00	21.68	
9 Finishes	\$ 243,840.00	40.64	9.18	\$ -		0.00	\$ 243,840.00	40.64	
10 Specialties	\$ 41,220.00	6.87	1.55	\$ -		0.00	\$ 41,220.00	6.87	
11 Equipment	\$ 6,900.00	1.15	0.26	\$ -		0.00	\$ 6,900.00	1.15	
12 Furnishings	\$ 30,000.00	5	1.13	\$ -		0.00	\$ 30,000.00	5.00	
13 Special Construction	\$ -		0.00	\$ -		0.00	\$ -	0.00	
14 Conveying Systems	\$ 100,000.00	fix	3.76	\$ -		0.00	\$ 100,000.00	16.67	
21 Fire Suppression	\$ 60,000.00	10	2.26	\$ -		0.00	\$ 60,000.00	10.00	
22 Plumbing	\$ 46,260.00	7.71	1.74	\$ -		0.00	\$ 46,260.00	7.71	
23 HVAC	\$ 425,760.00	70.96	16.03	\$ -		0.00	\$ 425,760.00	70.96	
25 Integrated Automation	\$ 21,000.00	3.5	0.79	\$ -		0.00	\$ 21,000.00	3.50	
26 Electrical & Solar	\$ 354,000.00	59	13.33	\$ 7,500.00	15000	0.68	\$ 361,500.00	60.25	
27 Communications	\$ 24,000.00	4	0.90	\$ -		0.00	\$ 24,000.00	4.00	
28 Electronic Safety & Security	\$ 34,920.00	5.82	1.31	\$ -		0.00	\$ 34,920.00	5.82	
31 Earthwork	\$ -		0.00	\$ 57,500.00	115000	5.25	\$ 57,500.00	9.58	
32 Exterior Site Improvements (+ WS Park)	\$ -		0.00	\$ 942,500.00	385000	86.02	\$ 942,500.00	157.08	
33 Site utilities	\$ -		0.00	\$ 62,500.00	125000	5.70	\$ 62,500.00	10.42	
Subtotal Cost of Work	\$ 2,656,240.00	426.04	100	\$ 1,095,674.00	691348	100	\$ 3,751,914.00	625.319	
		Base Bldg \$/SF						Base Bldg + Site \$/SF	
General Contractor Services									
1 Preconstruction Services	\$ 13,281.20	2.21	0.50	\$ 5,478.37	10956.74	0.5	\$ 18,759.57	4.04	
2 Design Contingency	\$ 300,153.12	50.03	8.00	\$ 87,653.92	175307.84	8	\$ 387,807.04	79.24	
3 Construction Contingency	\$ 187,595.70	31.27	5.00	\$ 54,783.70	109567.40	5	\$ 242,379.40	49.53	
4 General Conditions (Div 1)	\$ 48,000.00	8.00	1.81	\$ -	0.00		\$ 48,000.00	8.00	
5 Bond and Insurance	\$ 75,038.28	12.51	2.00	\$ 21,913.48	43826.96	2	\$ 96,951.76	19.81	
6 CM Fee	\$ 131,316.99	21.89	3.50	\$ 38,348.59	76697.18	3.5	\$ 169,665.58	34.67	
Subtotal Construction	\$ 3,411,625.29	551.94		\$ 1,303,852.06	2607704.12		\$ 4,715,477.35	820.609235	
		Bldg \$/SF						Bldg+ Site \$/SF	
Owners Costs									
1 Schematic Prelim Design	\$ 50,000.00								
2 Furnishings & AV	\$ 150,000.00	fix					\$ 150,000.00		
3 Permitting Fees	\$ 50,000.00	fix					\$ 50,000.00		
4 Moving Expenses & Temp Office	\$ 85,000.00						\$ 85,000.00		
5 Architect/Engineer Fees	\$ 300,153.12		8				\$ 300,153.12		
6 Testing & Inspection Costs	\$ 50,000.00	fix					\$ 50,000.00		
7 Owner Contingency	\$ 428,050.44		8				\$ 428,050.44		
4 Escalation Contingency	\$ 187,595.70		5				\$ 187,595.70		
Subtotal Owners Costs	\$ 1,300,799.26						\$ 1,250,799.26		
GRAND TOTAL PROJECT COST	\$ 4,712,424.55	551.9375483		\$ 1,303,852.06	2607704.12		\$ 5,966,276.61		

CIP Project Name: Outdoor Warning System Replacement

Project Director (Name & Title): James E Hamilton, JR - Deputy Director, Emergency Services

Phone Number: 410-632-3080

Project Summary and Purpose: As directed by the County Commissioners, this project seeks to replace the outdoor warning system (sirens) installed throughout Worcester County. This system is currently used both to warn the public of immediate threats such as tornadoes as well as used as one method of alerting many fire departments within the county to calls for service.

Project Location: Countywide

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?:

No

Is there a Federal or State mandate related to this project? If so, please elaborate:

No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? Yes

What is the useful life of the asset/project? 20 Years (estimated)

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design	100,000							100,000
Land Acquisition								0
Site Work		400,000						400,000
Construction								0
Equipment/Furnishings		650,000						650,000
Other - Please Specify								0
TOTAL	100,000	1,050,000	0	0	0	0	0	1,150,000

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds	100,000	1,050,000						1,150,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	100,000	1,050,000	0	0	0	0	0	1,150,000

PROJECTED OPERATING IMPACTS	0	17,100	17,100	17,100	17,100			68,400
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CIP Project Name: Outdoor Warning System 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?

Scope and pricing is a best estimate at this point. This project seeks to generate an RFP that will be based on coverage performance. As such, vendors will be asked to engineer a solution to meet those objectives and the manner that those objectives are met will determine the total number of sirens and associated infrastructure required. Pricing is derived by using recent turn-key quotes on replacing three sirens and extrapolating an estimate of 25 sirens required. The number of sirens required to meet the coverage objectives is estimated very conservatively for this project.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Current sirens throughout Worcester County are aged between 40 - 80 years old and are failing at a rapid rate. They also fail to meet general industry standards for modern outdoor warning systems. If implemented, this project will benefit all citizens of the county where coverage is provided. This will also seek to target the most vulnerable populations including areas of recreation and camping where individuals may be less likely to have access to other methods of warning for severe weather and other threats.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

Cost estimation was derived as a best guess based on recent per-site pricing coupled with a conservative estimation of number of sites required. Costs provided within this document reflect an estimate based on replacing existing coverage without adding much additional coverage. It is anticipated that the results of proposals may require a second project phase to be added in FY26 to meet full expectations however without vendor designs this is hard to estimate at this point.

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 added to the CIP based on recent direction from the County Commissioners to assume responsibility for this function.

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?

Project urgency is based upon the rate of failure of existing sirens within the county. As this project is being submitted, we are replacing three sirens for \$100,880 that may not be of use when the full system replacement is executed. Should we delay this project further, we risk making continued investments due to failures that may place us in a position of having to sole source this project.

ITEM 9

Project: Outdoor Warning System Replacement

Capital Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Furnishings						0
Equipment						0
						0
						0
						0
						0
						0
						0
EXPENDITURES						
Capital TOTAL	0	0	0	0	0	0
Projected Revenue Impact	FY 24	FY 25	FY 26	FY 27	FY 28	Revenue Total
						0
						0
						0
						0
						0
						0
						0
REVENUES						
Project Revenue TOTAL	0	0	0	0	0	0
PROJECTED OPERATING IMPACTS	0	17,100	17,100	17,100	17,100	68,400

Project: Outdoor Warning System Replacement

Complete the following questions.

Operating Impacts

Employee positions.

Does the project increase or reduce the number of employees needed? How many positions would be affected? Are the positions full-time, part-time, contractual, grant-funded, enterprise funded? What is the projected cost (savings) of the employees? Are there benefit costs for additional full-time or part-time employees? Benefit cost should be calculated by using the full time 46.54% or for part time 21.58%.

1,050,00At this time, additional employee costs are not anticipated.

Utility costs.

Does the project increase or reduce utility costs? Utilities may include electricity, oil, gas, telephone, water or sewer costs.

This project will require a power connection at each siren and a significant number of sirens are likely to require a cellular data SIM card.

Maintenance costs.

Does the project increase or reduce internal maintenance costs or maintenance agreements with outside vendors? Some costs to consider are custodial services, ball field maintenance, road maintenance and general preventative maintenance.

A maintenance agreement will be required for this system. At this time estimates on maintenance agreement costs are not available.

Insurance costs.

Does the project increase insurance costs? You should consider liability, property and vehicle insurance.

All installations should be covered by LGIT for property insurance.

Telecommunications.

Consider the potential need of telephones, copiers, and computers and hardware. List them below.

Radios and LTE modems will be required along with fiber routers at some sites.

Furniture, equipment or capital outlay.

Does the project increase or reduce the need for furniture and equipment or other capital outlay items? Is the increase or savings on-going or one-time?

N/A

CIP Project Name: Fire Training Tower

Project Director (Name & Title): Matthew Owens, Fire Marshal

Phone Number: 410-632-5666

Project Summary and Purpose: The project is the proposed replacement of the county's 40+ year old Fire Training Tower located at the Fire Training Center. The current Fire Training Tower has reached its end-of-life and needs to be replaced. The current tower has numerous structural problems and the cost to repair out ways the cost to replace the tower. The current tower provides interior fire training to the 10 Worcester County volunteer fire companies and mutual-aid fire companies. Law Enforcement also utilize the tower for training evolutions. The current Fire Training Tower does not meet current fire training codes and practices.

Project Location: Fire Training Center

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: I would like to think there are grants available for this type of project. This proposed project would be utilized for the training and development of new and existing firefighters, law enforcement officers, and other public safety partners.

Is there a Federal or State mandate related to this project? If so, please elaborate: The existing Fire Training Tower does not meet today's codes for a fire training facility.

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? No new personnel and utility. Maintenance cost should stay approximately the same.

What is the useful life of the asset/project? 40+ years.

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design								0
Land Acquisition								0
Site Work	200,000							200,000
Construction	1,200,000							1,200,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	1,400,000	0	0	0	0	0	0	1,400,000

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds	1,400,000							1,400,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	1,400,000	0	0	0	0	0	0	1,400,000

PROJECTED OPERATING IMPACTS	2,000	0	0	0	0			2,000
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CIP Project Name: Fire Training Tower

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?

The existing Fire Training Tower has provided training to new and existing firefighters for over the past 40 years. Moving into the future, we would like to provide state-of-the-art training to the career and volunteer firefighters helping to protect the citizens and visitors of Worcester County. There are several vendors which offer this type of training facility and we are currently researching pricing. We have formed a training committee consisting of all 10 volunteer fire companies and law enforcement departments in Worcester County to assist in making informed decisions regarding future training of firefighters and law enforcement officers in Worcester County.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project? This project would benefit the entire county. State-of-the-art training for Worcester County firefighters would only enhance the current level of service and professionalism provided by Worcester County volunteer and career firefighters. This proposed project would also be used by law enforcement departments in Worcester County to further their training capabilities.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

The cost estimate is provided based on similar projects and based on estimates received from vendors which do this type of work. Estimates are provided with this CIP.

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 replacement of the Fire Training Tower is part of the site plan for the proposed LSA storage building currently under design and engineering which is to be constructed on the property of the Fire Training Center.

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 to the training and development of new and existing firefighters and law enforcement officers in Worcester County. In the development of the site plan for the future of the Fire Training Center and the proposed LSA Storage Building, a new location for a new State-of-the-art Fire Training Tower has been established. The existing Fire Training Tower has served Worcester County for the past 40+ years and is failing and needs to be replaced.

CIP Operating Impact Projections

Project: Fire Training Tower

Department & Signature of Department Head: Matthew Owens, Fire Marshal

Personnel Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Job Title & Salary/Beneift Costs (List Separately)						0
						0
						0
						0
						0
						0
						0
						0

EXPENDITURES

New Positions Salary & Benefits TOTAL	0	0	0	0	0	0
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Operating Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Utilities						0
Telephone						0
Custodial						0
Cleaning						0
Maintenance Repairs	2,000					2,000
Refuse						0
Fire/Security Alarm						0
Internet						0
Vehicle Expense						0
Other						0
						0
						0

EXPENDITURES

Operating TOTAL	2,000	0	0	0	0	2,000
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ITEM 9

Project: Fire Training Tower

Capital Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Furnishings						0
Equipment						0
						0
						0
						0
						0
						0
						0
EXPENDITURES						0
Capital TOTAL	0	0	0	0	0	0
Projected Revenue Impact	FY 24	FY 25	FY 26	FY 27	FY 28	Revenue Total
						0
						0
						0
						0
						0
						0
						0
REVENUES						0
Project Revenue TOTAL	0	0	0	0	0	0
PROJECTED OPERATING IMPACTS	2,000	0	0	0	0	2,000

Project: Fire Training Tower

Complete the following questions.

Operating Impacts

Employee positions.

Does the project increase or reduce the number of employees needed? How many positions would be affected? Are the positions full-time, part-time, contractual, grant-funded, enterprise funded? What is the projected cost (savings) of the employees? Are there benefit costs for additional full-time or part-time employees? Benefit cost should be calculated by using the full time 46.54% or for part time 21.58%. No new employees.

Utility costs.

Does the project increase or reduce utility costs? Utilities may include electricity, oil, gas, telephone, water or sewer costs. No new utilities.

Maintenance costs.

Does the project increase or reduce internal maintenance costs or maintenance agreements with outside vendors? Some costs to consider are custodial services, ball field maintenance, road maintenance and general preventative maintenance. Currently there is no money provided for maintenance cost at the current Fire Training Tower so we would be requesting minimal maintenance monies to maintain the proposed Fire Training Tower.

Insurance costs.

Does the project increase insurance costs? You should consider liability, property and vehicle insurance. I'm sure there would be an increase in insurance cost for a new Fire Training Tower.

Telecommunications.

Consider the potential need of telephones, copiers, and computers and hardware. List them below. No IT needed for this proposed project.

Furniture, equipment or capital outlay.

Does the project increase or reduce the need for furniture and equipment or other capital outlay items? Is the increase or savings on-going or one-time?

No furniture or equipment needed for this project.



September 2, 2022

Ref Number: 22-17474

Worcester County Fire Marshal's Office
 1 West Market Street
 Room 1302
 Snow Hill, MD 21863

Attention: Fire Marshal Robert Korb

Via email: rkorb@co.worcester.md.us

Dear Fire Marshal Korb,

We are pleased to provide you with the following rough order of magnitude cost estimate for a **GENERAL ALARM FOUR STORY** WHP training simulator. The simulator would consist of a structure that would approximate the following:

Features included are as follows:

1. Section A will be a **Four-Story Tower** approximately 21'-11" W x 25'-4" L x 44'-0" H (to top of parapet).
 - a. Three (3) interior floors (2nd, 3rd, 4th)
 - b. One (1) flat roof with parapet roof guard system
 - c. Two (2) 3'-4' chain gate openings
 - d. Four (4) rappelling anchors on the roof
 - e. One (1) 2'-6" x 3'-0" Bilco roof hatch
 - f. One (1) Vertical ladder from the 4th floor up to the roof hatch
 - g. One (1) four-story interior stair with intermediate landings and welded stair railing
 - h. Two (2) inset corner balcony with railing
 - i. Five (5) 3' x 7' plate steel doors with hardware
 - j. Four (4) 3' x 4' window openings with latching shutters

2. Section B will be a **Two-Story Residential/Industrial** section approximately 21'-11" W x 35'-0" L x 24'-0" H to eave.
 - a. One (1) gable roof, 5/12 and 9/12 un-equal pitch on half of roof with perimeter welded guardrail
 - b. One (1) flat roof with parapet walls on half of roof with two (2) chain gate openings
 - c. Two (2) 6'-0" chain gates
 - d. Two (2) chop-outs on gabled roof one 48" x 48" and one 48"x96"
 - e. One (1) attic space provided between the gabled roof and the second floor

- f. Two (2) 3' x 3' framed window opening with latching shutter at ends of gabled attic
- g. Seven (7) 3' x 4' framed window openings with latching shutters
- h. One (1) 6'x4' double framed window opening with latching shutters
- i. Fourteen (14) 3' x 7' plate steel doors with hollow and hardware
- j. Three (3) 3' x 7' plate steel burn room doors and hardware
- k. One (1) 6'x7' double plate steel door with hardware
- l. One (1) two-story interior stair with welded stair railing
- m. One (1) 2-story stair with 4'x38'-7" balcony
- n. One (1) 11' x 16' burn room protected with a Padgenite Interlock lining system
- o. One (1) 4'x4' attic burn area system

- 3. Section C will be a **One-Story Annex** approximately 21'-11" W x 14'-6" L x 10'-0" H.
 - a. Two (2) 3' x 4' framed window openings with latching shutters
 - b. One (1) 3' x 7' exterior plate steel burn room door and hardware
 - c. Entire room shall be protected with a Padgenite Interlock lining system
 - d. One (1) Temperature monitoring system

Materials and Freight is estimated at:	\$649,533.00
Labor (non-prevailing wage) is estimated at:	<u>\$247,276.00</u>
Total:	\$896,809.00

Optional items you might consider are as follows:

Four story Exterior Stair with three doors	\$41,460.00
Four story standpipe with two sprinkler heads	\$9,798.00
Forcible Entry Power Jamb door	\$3,018.00
4' x 4' Floor/Ceiling Breach area	\$3,932.00
Bail Out Prop	\$2,093.00
Maze Panels (10)	\$7,213.00
Maze Panel (door)	\$1,490.00

Additional items excluded from the price for consideration:

Foundation Design:	
Soil Borings	\$3,500.00
Stamped and Sealed Foundation Design	\$3,500.00
Site work and Foundation, Fill on Deck	TBD

Prevailing Wage Rates (Add to above Labor)	\$167,850.00
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Prevailing Wages: Prevailing wages have been included based on General Decision Number: MD20220010 09/02/2022 Worcester County Maryland. If the General Decision is updated or a job specific wage determination is performed wages will be adjusted accordingly and be the responsibility of the owner.

All pricing is in US Dollars and is valid for 30 days. It is the policy of WHP Trainingtowers to provide a reasonable cost estimate for your budgeting purposes. It is not uncommon in the construction industry to offer cost estimates that are for low end or stripped down structures. WHP believes the cost estimate should reflect a training simulator that meets OSHA safety requirements, is of the highest quality, and will meet the expectations of the customer.

Schedule: We would require 2 weeks to prepare conceptual drawings after award of the contract or purchase order and 16-18 weeks for delivery after receipt of approved drawings. If the foundation is in place the erection would be complete approximately 12-14 weeks after delivery of building. Some optional items such as brick exteriors will require more time to complete erection.

Design Criteria: Pricing is based on the following design criteria:

1. *Live Loads-* (a) Roof: 100 psf (b) Floor: 100 psf (c) Attic: 100 psf
2. *Wind Loads-* (a) Speed: 90 mph (b) Exposure: C
3. *Seismic Loads-* (a) Coefficient S_s [max]: 55 (b) Coefficient S₁ [max]: 13

*Requirements exceeding these loads may result in additional costs.

Exclusions: We exclude from our proposal: bonds, taxes, permits, special insurance requirements if any, field painting of exterior handrails and stairs, mechanical, electrical, fire protection systems, gas fired simulators, winter conditions, concrete foundations, foundation design, slab on grade, concrete fill on decks, anchor bolts, site work, excavation, engineering layout and general condition items and any other miscellaneous fees. Prevailing wage rates, if any will be applied to the labor cost to erect the simulator.

Terms: For materials a deposit of 25% on the building package is due on receipt of order (signing of contract). Balance of payment on materials due on delivery to site. No retention on materials. Labor will be billed monthly. Invoices not in dispute over 30 days will be assessed 1 ½ % per month on balances in excess of 30 days. Financing is available through lease purchase programs.

We hope you find the proposal acceptable. If we can provide you with further information please feel free to contact me at 410-256-3126.

Sincerely,

James R. Eicholtz

James R. Eicholtz
WHP Trainingtowers

CC: Alan Henderson, WHP Trainingtowers
Joe Kirchner, WHP Trainingtowers
Rob VanBibber, WHP Trainingtowers

CIP Project Name: Public Safety Building

Project Director (Name & Title): Sheriff Matthew Crisafulli

Phone Number: 410-632-1111

Project Summary and Purpose: The construction of a Public Safety Facility

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

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: No grant funds available.

Is there a Federal or State mandate related to this project? If so, please elaborate: No Federal mandate.

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? Employee positions may increase due to future unfunded mandates. Utility costs would increase due to operations being in a new facility other than the government center building.

What is the useful life of the asset/project? Indefinite useful life of the building.

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design			100,000	1,250,000				1,350,000
Land Acquisition								0
Site Work				1,000,000				1,000,000
Construction				7,750,000	22,250,000			30,000,000
Equipment/Furnishings					250,000			250,000
Other - Please Specify								0
TOTAL	0	0	100,000	10,000,000	22,500,000	0	0	32,600,000

SOURCES OF FUNDS	FY 24	FY 25	FY 26	FY 27	FY 28	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			100,000					100,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - General Bond to be re-paid thru VLT				10,000,000	22,500,000			32,500,000
TOTAL	0	0	100,000	10,000,000	22,500,000	0	0	32,600,000

PROJECTED OPERATING IMPACTS	0	0	0	261,500	262,500			524,000
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CIP Project Name: 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?

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

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

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 (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

There have been no consultants used or engineering studies done as of yet.

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?

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 the Public Safety Departments have outgrown there existing space available.

CIP Operating Impact Projections

Project: Public Safety Building

Department & Signature of Department Head: Matt Crisafulli

Personnel Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Job Title & Salary/Benefit Costs (List Separately)						0
						0
						0
						0
						0
						0
						0
						0
						0

EXPENDITURES

New Positions Salary & Benefits TOTAL	0	0	0	0	0	0
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Operating Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Utilities				26,000	26,000	52,000
Telephone				210,000	211,000	421,000
Custodial				5,000	5,000	10,000
Cleaning				10,000	10,000	20,000
Maintenance Repairs						0
Refuse				1,000	1,000	2,000
Fire/Security Alarm				7,500	7,500	15,000
Internet				2,000	2,000	4,000
Vehicle Expense						0
Other						0
						0
						0

EXPENDITURES

Operating TOTAL	0	0	0	261,500	262,500	524,000
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ITEM 9

Project: Public Safety Building

Capital Expenses	FY 24	FY 25	FY 26	FY 27	FY 28	Total Operating Cost
Furnishings						0
Equipment						0
						0
						0
						0
						0
						0
						0
EXPENDITURES						
Capital TOTAL	0	0	0	0	0	0

Projected Revenue Impact	FY 24	FY 25	FY 26	FY 27	FY 28	Revenue Total
						0
						0
						0
						0
						0
						0
						0
REVENUES						
Project Revenue TOTAL	0	0	0	0	0	0

PROJECTED OPERATING IMPACTS	0	0	0	261,500	262,500	524,000
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Project: Public Safety Building

Complete the following questions.

Operating Impacts

Employee positions.

Does the project increase or reduce the number of employees needed? How many positions would be affected? Are the positions full-time, part-time, contractual, grant-funded, enterprise funded? What is the projected cost (savings) of the employees? Are there benefit costs for additional full-time or part-time employees? Benefit cost should be calculated by using the full time 46.54% or for part time 21.58%.

Employee positions may be increased due to future unfunded mandates.

Utility costs.

Does the project increase or reduce utility costs? Utilities may include electricity, oil, gas, telephone, water or sewer costs.

Utilities would increase due to operations being in a new facility other than the government center building.

Maintenance costs.

Does the project increase or reduce internal maintenance costs or maintenance agreements with outside vendors? Some costs to consider are custodial services, ball field maintenance, road maintenance and general preventative maintenance.

Custodial and cleaning services would be needed. Maintenance costs should be very low since the building would be newly constructed.

Insurance costs.

Does the project increase insurance costs? You should consider liability, property and vehicle insurance.

Property Insurance costs are unknown at this point in time.

Telecommunications.

Consider the potential need of telephones, copiers, and computers and hardware. List them below.

All new communications infrastructure would be part of the design and construction.

Furniture, equipment or capital outlay.

Does the project increase or reduce the need for furniture and equipment or other capital outlay items? Is the increase or savings on-going or one-time?

Equipment and furniture are considered in the CIP Project first page of this document.

CIP Project Name: Berlin Homeowner Convenience Center - Dock Wall Replacement

Project Director (Name & Title): David Candy Solid Waste Superintendent

Phone Number: 410-632-3177

Project Summary and Purpose: Rebuild Belin Dock

Project Location: Berlin Home Owner Convenience Center

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: No

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? Yes

What is the useful life of the asset/project? If built out of concrete the life would be years.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design	35,000							35,000
Land Acquisition								0
Site Work								0
Construction	400,000							400,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	435,000	0	0	0	0	0	0	435,000

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds	435,000							435,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	435,000	0	0	0	0	0	0	435,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Berlin Homeowner Convenience Center - Dock Wall 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?

The dock walls were built years ago, out of crested wood on one side. The other side has big concrete blocks stacked up in place of the wood. The existing wood dock has a lot of wood rot. The pole going in the ground appear to be rotted off.

Solid Waste would like to replace the dock walls with concrete walls, like we are doing at Snow Hill Convenience Center. And repave the ramp area.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

By not funding this dock project we could have a safety issue with the black top or the wall giving way.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

Cost was 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?

When the new packer was installed at Berlin, we noticed the wall had a lot of dirt washed from behind it. We took a closer look and found the wall appears to have rotten support poles as well as rotten boards holding the dirt back. The black top has been patched in the past, because of the dirt washing out under it.

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 safety issue, because of the dirt washing out from under the black top.

CIP Project Name: Public Works Fuel Facility Replacement

Project Director (Name & Title): Department of Public Works, Dallas Baker - P.E.

Phone Number: 410-632-5623

Project Summary and Purpose: Replace the aging above ground fuel facility at the Public Works Water/Wastewater treatment plant.

Project Location: 1000 Shore Lane, Berlin MD, 21811

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: No

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? Personnel who use this fuel facility will have to utilize the Berlin state highway salt barn fuel facility while renovation work is in progress.

What is the useful life of the asset/project? The useful life of the fuel pumps, electronic items, and hardware is 20-25 years with regular maintenance. The useful life of the above ground fuel tanks are 25-30 years with regular maintenance.

Will this project generate revenue? No.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design								0
Land Acquisition								0
Site Work								0
Construction	350,000							350,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	350,000	0	0	0	0	0	0	350,000

SOURCES OF FUNDS	FY 24	FY 25	FY 26	FY 27	FY 28	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	350,000							350,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	350,000	0	0	0	0	0	0	350,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Public Works Fuel Facility Replacement

Complete the following questions.

Project scope.

This project is in response to the aging, deteriorated, and under sized fuel facility at the water/wastewater treatment plant. The Worcester County fleet of vehicles and the amount of users that utilize this fuel site has increased over the past 25 years. The project scope will completely replace the existing above ground fuel facility to include all electronic monitoring devices, tanks, and associated hardware with the latest state of the art equipment needed to be able to operate and supply fuel to users for many more years. The replacement site will have larger capacities and be able to handle any future expanding government use.

County benefit.

This project will benefit county staff by reducing the need to drive outside of the ocean pines area to fill vehicles and equipment with fuel. Multiple county departments utilize this fuel site. Negative impacts to delaying or not funding this project would cause users to travel outside the area and get fuel for vehicles and equipment at the state highway salt dome fuel site in Berlin.

Cost estimate (Must Be Provided).

The cost estimate was developed by consulting with outside vendors to design and quote the project work. Price increases will be a concern with this project and we have accounted for a increase in our CIP expenditure amount.

CIP Timing.

This project is requested to be completed in FY24. The fuel facility replacement was requested in the FY23 budget but removed in order to help obtain a balanced budget. The existing fuel facility has been operated beyond its useable lifespan.

Urgency.

The replacement of this fuel facility is critical so that we do not have any delay in the ability to get fuel at the northern water/wastewater site. As with anything that contains extremely hazardous materials it is paramount to prevent any type of fuel spill into the environment. This fuel facility and components are estimated to be at least 30 years old and are extremely worn out. Although this site is still fully operational, it is critical to replace the site before a leak occurs or an inspection is conducted that shuts the site down due to faults with no replacement parts.



Quotation

P.O. Box 71 Lincoln, DE 19960 | 302-422-8148 | Office@DPS.Email

8/23/22

Quotation No. TW082322A

Worcester County Public Works
6113 Timmons RD
Snow Hill, MD

Dear Worcester County Public Works:

Delmarva Petroleum Service, LLC will complete the following work at the Ocean Pines Waste Water Plant:

- Remove the existing fuel system and install new as listed below in the scope of work.

This work can be completed for a price of **\$242,740.65**. Any waste disposal will be charged at an additional rate of **\$1.85 per gallon**.

This price is good for thirty days after the above date.

This price does not include:

- Additional costs from encountering contaminated soil.
- Any soil or water samples required by the state.
- Dewatering.
- Any repairs to the existing equipment.

The customer agrees to indemnify and hold harmless Delmarva Petroleum Service, LLC from any and all claims, lawsuits, demands, causes of action, liability, loss, damage and/or injury, of any kind whatsoever due to damage of unknown structures (i.e. telephone lines, cable, electrical lines and conduits, pipes, tanks).

Thank you,

Travis Walls
Delmarva Petroleum Service, LLC
302-542-9922

Accepted _____

Date _____

Scope of Work

- **Fuel System Removal**
 - Remove the existing diesel and gasoline aboveground storage tanks.
 - Remove the existing two dispensers and fuel management unit.
 - Remove the existing tank monitor unit.
 - Remove the existing concrete island, pad, and bollards.
- **Tanks**
 - Supply and install 1 new Fireguard UL-2085 6,000-gallon AST, split 4,500-gallons for gasoline and 1,500-gallons for diesel.
 - The tank will have a 2" interstitial monitoring port and double bulkhead.
 - The tank will come from the factory with remote fills and vapor recovery in spill containments.
 - The tank will include emergency venting.
 - A new 22'x12' concrete pad with 4" steel bollards will be poured for the new tank.
- **STPs and Piping**
 - 1 Red Jacket 3/4hp pump will be installed for regular unleaded gasoline.
 - 1 Red Jacket 3/4hp pump will be installed for on road diesel.
 - 1 ½" painted black steel piping will be utilized for the product piping. All piping will be aboveground.
 - 1 ½" solenoid valves with pressure relief will be installed at the pump discharge.
 - 1 ½" ball valves and impact shear valves will be installed in line.
- **Tank Monitor System and Sensors**
 - A new Veeder Root TLS-4c will be installed in place of the current Veeder Root.
 - The Veeder Root will be tied into the network for remote monitoring and report printing.
 - New 96" probes and float kits will be installed in each tank.
 - Sensors will be installed in the interstitial spaces.
 - An overfill alarm and acknowledgment switch will be installed at the tank.
- **Tank Top**
 - A 2" pressure/vacuum vent will be installed on the gasoline tank, and a standard 2" updraft vent will be installed on the diesel tank.
 - OPW mechanical gauges will be installed in both tanks.
 - Overfill prevention valves will be installed from the factory in the fills.
- **Dispensers & Fuel Management Unit**
 - 1 new Bennett 3711SNR-18 stainless steel remote dispenser with totalizer, pulse output, hose retractor, and spin on filter will be installed for the diesel.
 - 1 new Bennett 3711SNR-18 stainless steel remote dispenser with totalizer, pulse output, hose retractor, and spin on filter will be installed for the gasoline.
 - 1 OPW PK-EZR hanging hardware kit will be installed on each dispenser.
 - Each dispenser will be set on a steel pedestal with shear valve bracket for piping access.
 - A new Syntech Fuelmaster 2500plus will be installed, utilizing the existing Prokees.
- **Canopy**
 - A new 24'x24'x16' two post canopy will be installed at the fuel island.
 - The canopy will include 4 LED downlights with photocell.

-
- **Electrical and Emergency Stop**
 - All electrical piping will be tied onto at the front of the building.
 - New wiring will be pulled to all dispensers, pumps, canopy, and probes/sensors.
 - An emergency stop switch will be installed on the outside of the building.
 - **Permits and Inspections**
 - All required permits will be filed with the Fire Marshal, Worcester County, and MDE
 - All necessary inspections will be scheduled with the Fire Marshal, Worcester County, MDE, and electrical.
 - All work will be photographed throughout the progression of the job.

Bennett 3000 SERIES



Bennett
simply better

3000 SERIES SPECIFICATIONS

STANDARD FEATURES

Dimensions: Low Hose: 30" w x 60" h x 20" d
 High Hose: 30" w x 88" h x 20" d

Products: Up to 2 Products (per side)

Hoses: Up to 2 Hoses (per side)

Unit Type: Straight Grade Only

Hydraulics: Suction or Remote

Activation: Lift to Start

Displays: LCD 8-Digit 1" for Sales and Volume
 LCD 4-Digit ½" Price Per Volume

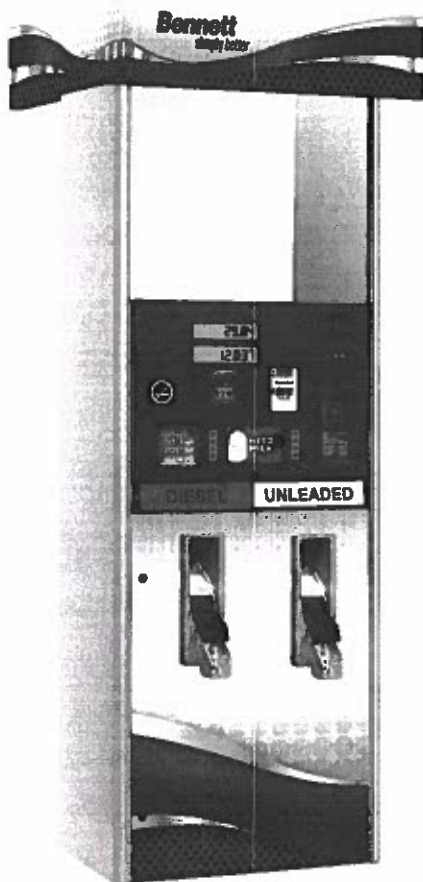
Voltage: 120/240 VAC, 50/60Hz

Flow Rate: 18-23GPM¹

Inlet / Outlet: 1.5" dia NPT / 1" dia NPT

Protocol: Bennett Open Protocol / Generic / RS485

Regulatory: UL™ Listed, Weights and Measures



¹ Flow rates are nominal rates under test conditions. Actual rates will vary subject to installation conditions, hanging hardware used, and submerged pump used if applicable.

² Payment options are only available on Front Mounted Units

OPTIONAL FEATURES

Payment Options²: A variety of payment options are available for the 3000 series dispenser depending on your needs.

- EMV-R: 7 Widescreen display with soft keys, Hybrid Chip EMV Card Reader, PCI Compliant EMV ready EPP, High Speed Receipt Printer
- Full-EMV: Full EMV payment with 7" Display (require dispenser hub board and in-store hub box)
- Credit-Alpha: 7" Widescreen display with soft keys, Dual Side Credit/Fleet Card Reader, Alphanumeric Pin-Pad, High Speed Receipt Printer
- Credit-Numeric: Numeric Credit Only Payment
- Audio: Media Kit with External Audio for 7" Displays
- NFC
- Local Preset

Stainless Steel: Optional stainless steel packages for doors, end panels, top cover, electronic cover assembly, hinged upper doors and grade panel area

Other Options: Low Hose or High Hose, Side Mount (low hose only) or Front Mount Nozzle Boots, Two-Tier Price Displays, Electro-Mechanical Totalizers, Junction Box, Pulse Output Board, Automatic Temperature Compensation, Intercom Speaker, Intercom Speaker with Call Button, Custom Graphics, Valance (high hose models)

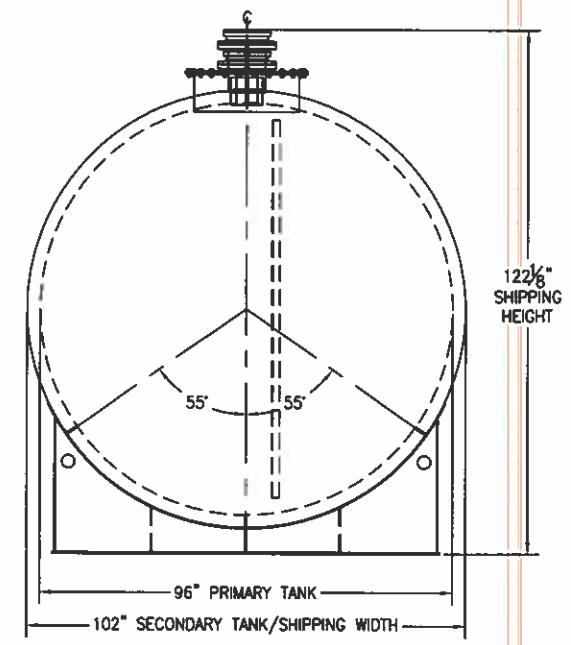
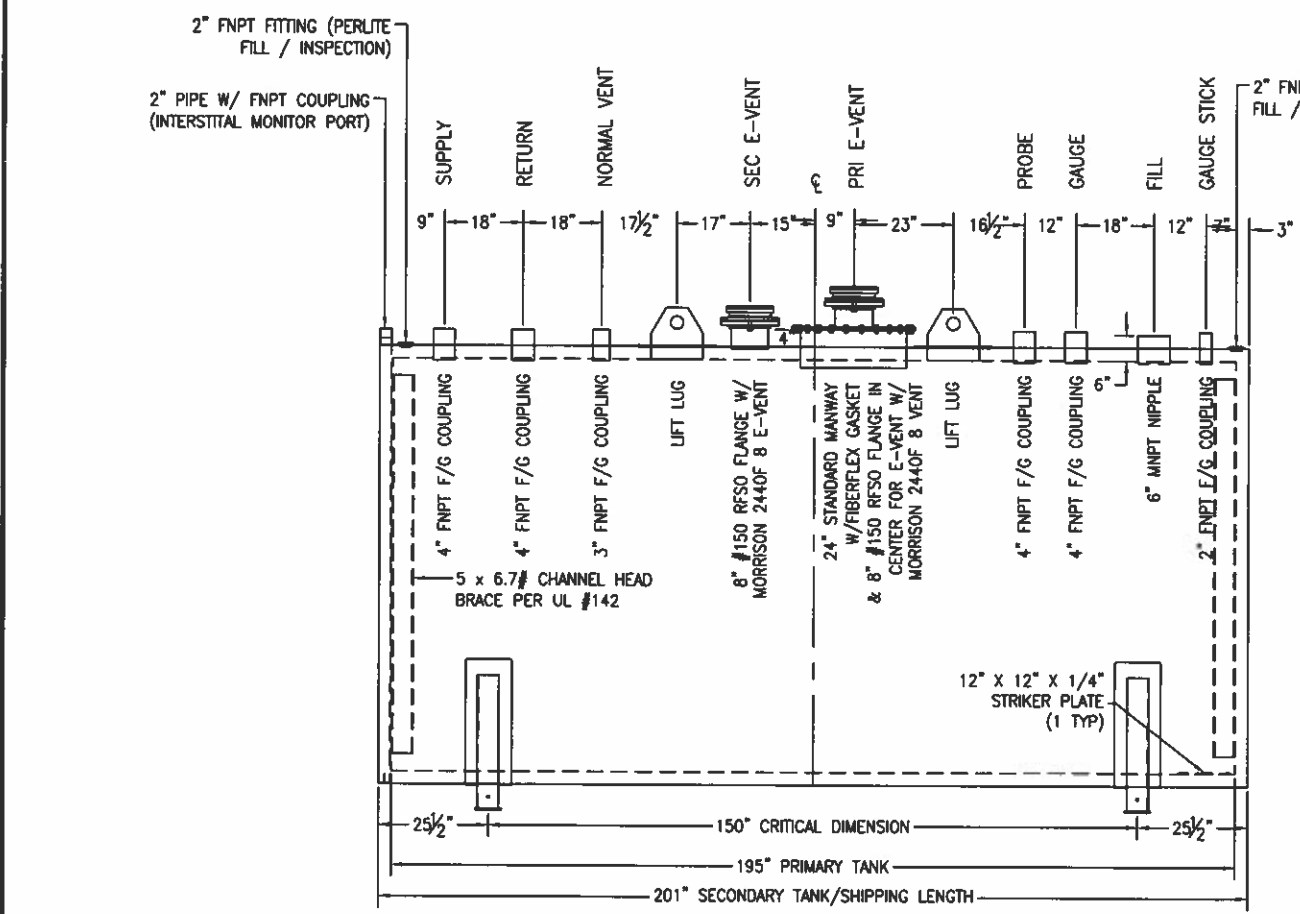
BASE MODEL NUMBER DESCRIPTIONS

1	2	3	4	5	6	7
3	8	1	2	S	N	R

1. 3000 Dispenser Series: Always "3"
2. Display Type: 7=Commercial Display | 8=Retail Display 1 Tier Prices | 9=Retail Display Two Price Tiers
3. Products: 1 or 2
4. Hose Outlets: 1, 2, or 4
5. Flow Rate: S=Standard
6. Hydraulic Details: Always N for None
7. Hydraulics: R=Remote | S=Suction | P=Suction w/ Prepay Valve(s)

Bennett
simply better

*SADDLES ARE SEAL WELDED TO TANK



CUSTOMER APPROVAL SIGNATURE/DATE:

6,000 GALLON THERMALLY INSULATED (FIREGUARD) STORAGE TANK

SURFACE PREPARATION/COATING INFORMATION:
 INTERIOR SURFACES: SSPC-SP-3 POWER TOOL CLEAN WELDS ONLY
 REMOVE ALL LOOSE DEBRIS
 EXTERIOR SURFACES: SSPC-SP-6 COMMERCIAL BLAST
 ONE COAT WHITE URETHANE @ 5-7 MILS DFT

MATERIAL /CONSTRUCTION/ LABELING INFORMATION:
 MATERIAL: CARBON STEEL ASTM A 36 OR A 569
 MATERIAL THICKNESS: PRIMARY TANK: 1/4" PRIMARY HEADS: 1/4"
 SECONDARY TANK: 1/4" SECONDARY HEADS: 5/16"

LABELING/MARKING: UNDERWRITERS LABORATORIES UL-2085
 / STEEL TANK INSTITUTE FIREGUARD

CUSTOMER:
 PROJECT:
 AGENT:

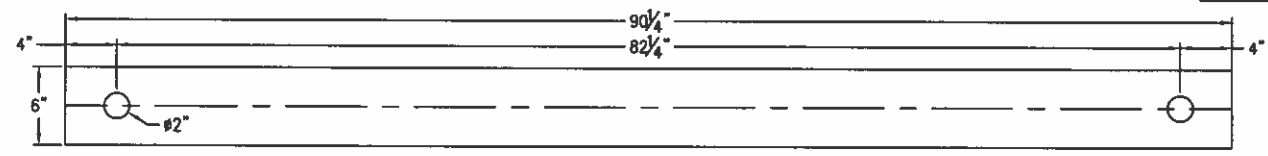


P.O. BOX 1279 GOLDSBORO, NC 27533
 PHONE: (919)751-1291 FAX: (919)751-8186

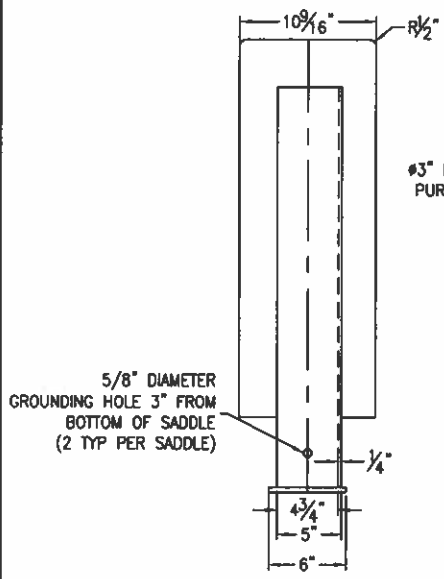
WORK NUMBER: GIFG06K96 REVISED 6/15

QUANTITY: ONE (1) REQUIRED
 WEIGHT WITHOUT PERLITE: 13,000 lbs ± 10%
 WEIGHT: 18,250 lbs ± 10%

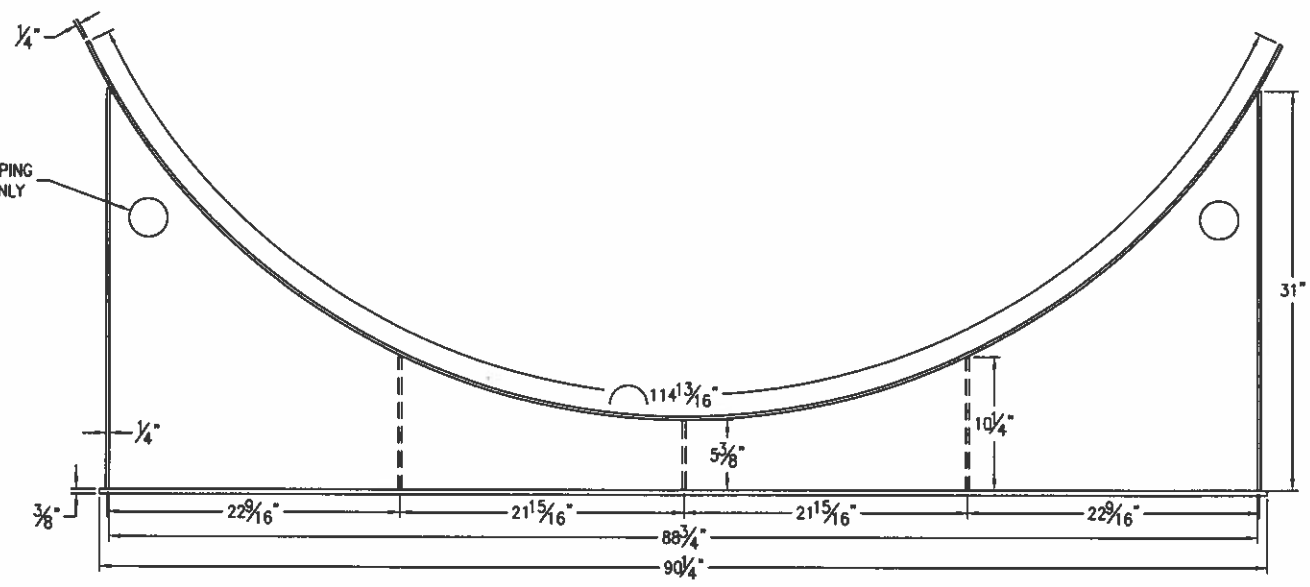
*SADDLES ARE SEAL WELDED TO TANK



BASE PLATE ANCHOR HOLE DETAIL



#3" FOR SHIPPING PURPOSES ONLY



CUSTOMER APPROVAL SIGNATURE/DATE:

6,000 GAL 6" TALL SADDLE FOR 102" DIAMETER FIREGUARD TANK

SURFACE PREPARATION/COATING INFORMATION:

MATERIAL /CONSTRUCTION/ LABELING INFORMATION:

EXTERIOR SURFACES: SSPC-SP-6 COMMERCIAL BLAST
ONE COAT WHITE URETHANE @ 5-7 MILS DFT

MATERIAL: CARBON STEEL ASTM A 36 OR A 569

CUSTOMER:
PROJECT:
AGENT:



QUANTITY: TWO (2) REQUIRED
WEIGHT: 301 lbs ea ± 10%

P.O. BOX 1279 GOLDSBORO, NC 27533
PHONE: (919)751-1791 FAX: (919)751-8186
DRAWING NUMBER: GI-S6F10206
REVISED 6/15

ITEM 9

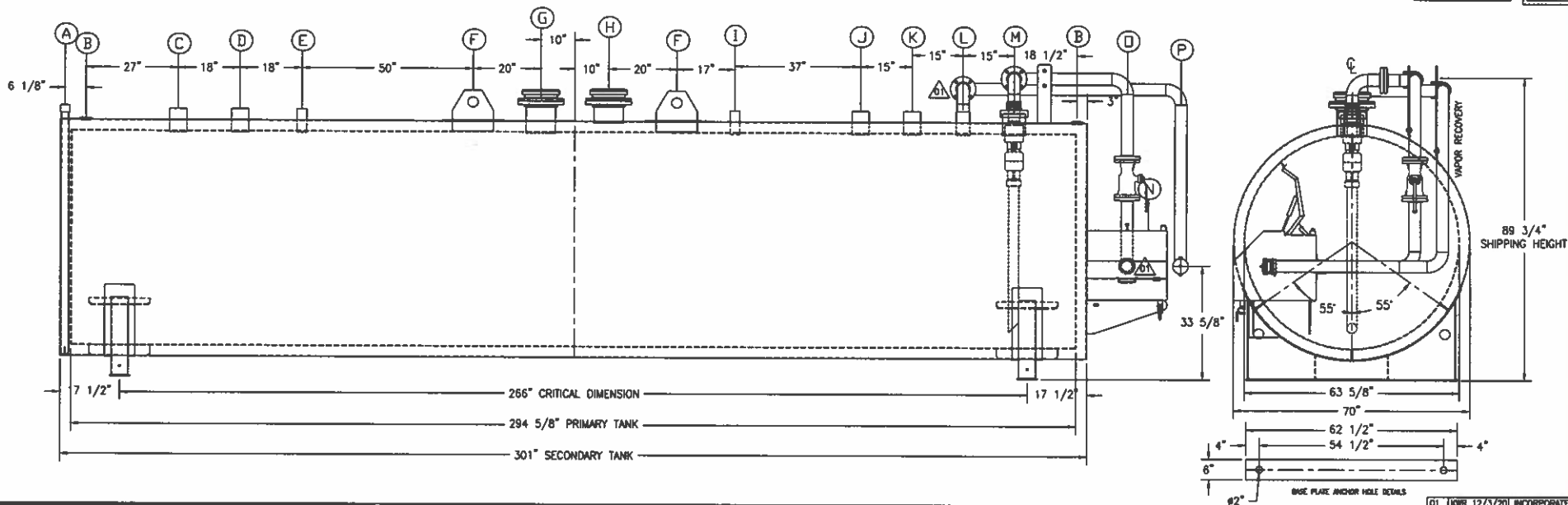
Parts List

ITEM	QTY	SIZE	RATING	TYPE	MATERIAL	PROJ. OUT	FUNCTION	ITEM	QTY	SIZE	RATING	TYPE	MATERIAL	PROJ. OUT	FUNCTION
A	1	2"	FNPT	COUPLING	C.S.	-	INTERSTITIAL MONITOR PIPE	J	1	4"	FNPT	FIREGUARD COUPLING	C.S.	6 1/2"	PROBE
B	2	2"	FNPT	FITTING	C.S.	-	PERLITE FILL/INSPECTION	K	1	4"	FNPT	FIREGUARD COUPLING	C.S.	6 1/2"	GAUGE
C	1	4"	FNPT	FIREGUARD COUPLING	C.S.	6 1/2"	SUPPLY	L	1	3"	FNPT	FIREGUARD COUPLING	C.S.	6 1/2"	VAPOR RECOVERY
D	1	4"	FNPT	FIREGUARD COUPLING	C.S.	6 1/2"	RETURN	M	1	6"	MNPT	PIPE NIPPLE	C.S.	6"	FILL W/3" MORRISON 9095AA DPV & DROP TUBE
E	1	2"	FNPT	FIREGUARD COUPLING	C.S.	6 1/2"	NORMAL VENT	N	1				C.S.		MORRISON 515 SPILL CONTAINER W/3" PORT
F	2	-	-	-	C.S.	-	LIFTING LUG	D	1				C.S.		FILL LINE-3" DRY DISCONNECT W/DUST CAP, 3" PIPING & BALL VALVE
G	1	8"	150#	RFSO	C.S.	9"	PRIMARY E-VENT W/MORRISON 2440 OR EQUAL						C.S.		VAPOR RECOVERY - 3" ADAPTOR W/DUST CAP, 3" SCH 40 PIPING
H	1	8"	150#	RFSO	C.S.	6"	SECONDARY E-VENT W/MORRISON 2440 OR EQUAL	P	1				C.S.		
I	1	2"	FNPT	FIREGUARD COUPLING	C.S.	6 1/2"	GAUGE STICK								

Travis Walls

Approved 12/18/20

ALL PROJECTION OUT DIMENSIONS ARE FROM THE PRIMARY TANK W/ EXCEPTION OF SECONDARY E-VENT & INTERSTITIAL MONITOR



CUSTOMER APPROVAL SIGNATURE/DATE:

4000 GALLON THERMALLY INSULATED (FIREGUARD) STORAGE TANK

DESIGN DATA

OPERATING PRESSURE: ATMOSPHERIC	JOINT DESIGN: PRI./SEC. LAP WELD
SPECIFIC GRAVITY: 1.0	ALL LINEAR DIMENSIONS SHALL BE ±1/4" AND ANGULAR DIMENSIONS WITHIN ±1°
TANK MATERIAL: ASTM A36 CARBON STEEL	INTERIOR SURFACES: SSSP-SP-3 POWER TOOL CLEAN WELDS ONLY REMOVE ALL LOOSE DEBRIS
SHELL THICKNESS: PRIMARY SHELL: 7 GA, HEADS: 7 GA SECONDARY SHELL: 7 GA, HEADS: 7 GA	EXTERIOR SURFACES: SSSP-SP-6 BLAS & 5.7 MILS WHITE URETHANE
SADDLES ARE SEAL WELDED TO TANK	LABEL/MARKING: UNDERWRITERS LABORATORIES UL-142, UL-2085/ STI FIREGUARD

GI 12/18/20 INCORPORATED CUSTOMER CHANGES

CUSTOMER: DPS, LLC
PROJECT: WORCESTER COUNTY BOARD OF EDUCATION
AGENT: TRAVIS WALLS

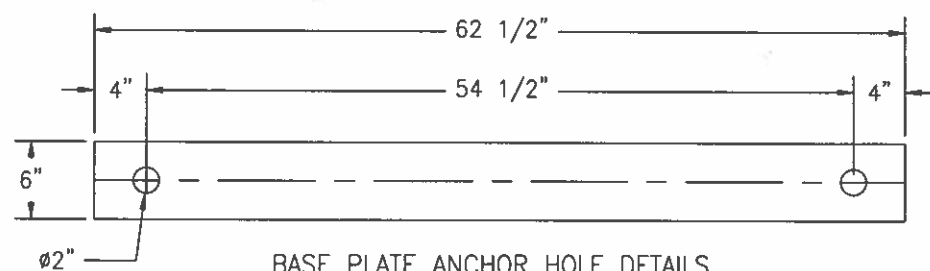
GENERAL INDUSTRIES

P.O. BOX 1279 GOLDSBORO, NC 27533
PHONE: (919)751-1791 FAX: (919)751-8186

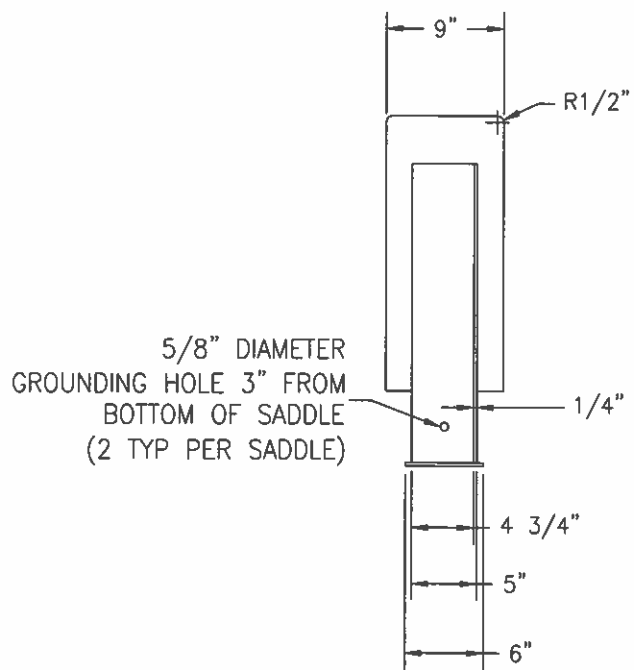
DRAWING NUMBER:
1505680

K. ROUSE
12.3.2020

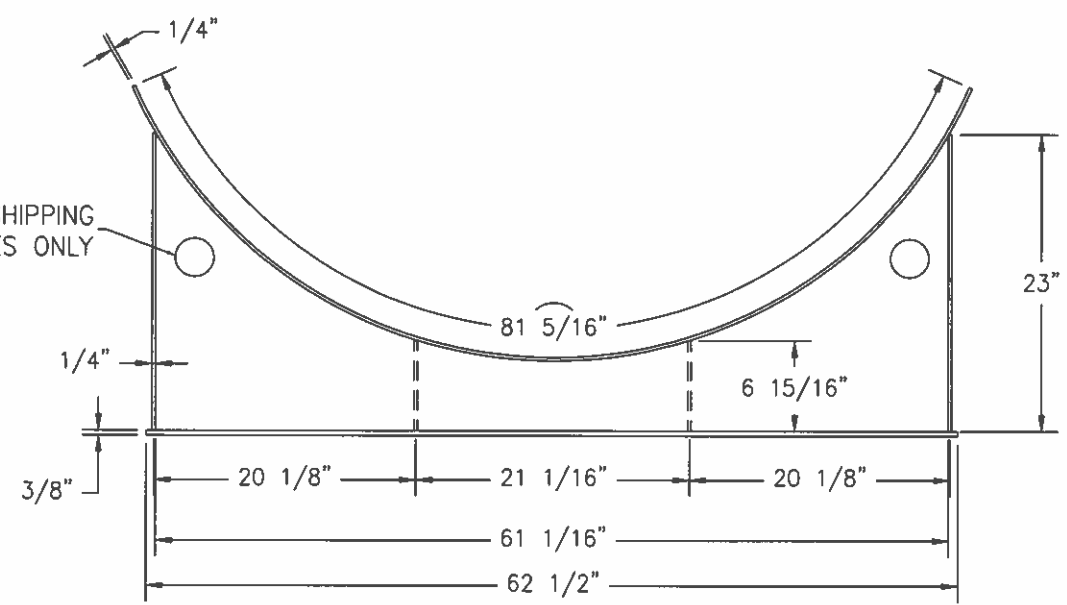
QUANTITY: ONE (1) REQUIRED
TANK WEIGHT WITHOUT PERLITE: 8,620 lbs ± 10%
TANK WEIGHT: 13,740 lbs ± 10%
FAST FUELER/SHIPPING WEIGHT: 14,000 lbs ± 10%



BASE PLATE ANCHOR HOLE DETAILS



ø3" FOR SHIPPING PURPOSES ONLY



CUSTOMER APPROVAL SIGNATURE/DATE:

6 1/4" TALL SADDLE FOR 70" DIAMETER TANK

CUSTOMER: DPS, LLC
 PROJECT: WORCESTER COUNTY BOARD OF EDUCATION
 AGENT: TRAVIS WALLS



P.O. BOX 1279 GOLDSBORO, NC 27533
 PHONE: (919)751-1791 FAX: (919)751-8186
 DRAWING NUMBER: K. ROUSE
 1505680/1 12.3.2020

QUANTITY: TWO (2) REQUIRED
 SADDLE WEIGHT(EA): 200 lbs ± 10%

CIP Project Name: Roads - Front End Loader

Project Director (Name & Title):Kevin Lynch-Superintendent

Phone Number: 410-632-2244

Project Summary and Purpose:

Replace a 1973 Front end loader that is becoming unsafe to operate and hard to find parts to fix.

Project Location: Snow Hill Shop

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: NA

Is there a Federal or State mandate related to this project? If so, please elaborate: NA

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance?

General Preventative maintenance such as but not limited to, filters, oil, tires, batteries.

What is the useful life of the asset/project? 20 years

Will this project generate revenue? NA

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design								0
Land Acquisition								0
Site Work								0
Construction								0
Equipment/Furnishings	300,000							300,000
Other - Please Specify								0
TOTAL	300,000	0	0	0	0	0	0	300,000

SOURCES OF FUNDS	FY 24	FY 25	FY 26	FY 27	FY 28	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	300,000							300,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	300,000	0	0	0	0	0	0	300,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Roads - Front End Loader

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?

NA

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

This is the main loader used at the Snow Hill shop to load our trucks with material such as stone or sand. Not funding this project will result in loss of time due to the fact another loader has be hauled to the Snow Hill shop from another one of our shops. Due to the age of this piece of equipment, parts are becoming hard to find and even at times, impossible to find. With the age of this loader, it lacks many of the safety features that newer equipment has.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

Quote from a Sourcewell 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?

Not funding this piece of equipment will only result in more loss of time at the Road's Division and hinder daily operations. We use our front end loaders during winter snow storms to dig out drifts and not having a loader in the central portion of the County will result in more strain and work on the other loaders and loader operators on the North and South end's of County to cover the central portion of the County.



October 14, 2021

WORCESTER COUNTY DPW

6113 Timmons Road
Snow Hill, Maryland 21863

Attention: Travis Timmons

RE: Quote 167615-01

Dear Travis,

On behalf of Carter Machinery Company, Inc., thank you for the opportunity to offer this quote for your consideration.

Cat Model: 926M 3VFS Wheel Loaders with all standard equipment in addition to the additional specifications

ID# : TBD **SERIAL NUMBER** : TBD **YEAR** : 2022 **HOURS** :

MACHINE SPECIFICATIONS

Description	Reference No
926M WHEEL LOADER	541-2670
PREP PACK, UNITED STATES	430-2943
HYDRAULICS, 3V, CPLR READY, SL	541-3073
HYDRAULICS, STANDARD, SL	536-5281
STEERING, STANDARD	430-2996
DIFFERENTIAL, OPEN REAR	333-6529
ENVIRONMENT, STANDARD	536-5320
WEATHER, COLD START 120V	525-5964
CAB, DELUXE	549-0451
ENGINE	527-0422
SEAT, DELUXE	563-5967
RADIO, BLUETOOTH, AUX, MIC	372-1868
PRODUCT LINK, CELLULAR PL641	565-0908
TIRES, 20.5R25 MX XTLA * L2	366-6896
FENDERS, STANDARD	366-8148
COUNTERWEIGHT, STANDARD	348-2579
TOOLBOX AUX, NONE	519-8081
QUICK COUPLER, FUSION	536-5313
LINES, AUX 3RD, STD LIFT	530-1623
JUMPER LINES, NONE	536-5339
RIDE CONTROL	430-2859
GUARD, POWERTRAIN, LOWER	349-8165
GUARD, CRANKCASE	349-8163
GUARD, POWERTRAIN, SIDE	425-1425
CUTTING EDGE, BOLT ON(4 PIECE)	8E-4566
WARNING, BEACON, LED STROBE	333-1425
LIGHTS, AUX, LED	559-0842
LIGHTS, ROADING, LED, RH	541-3067

ITEM 9

Description	Reference No
CARRIAGE, PAL C3/4, 62", FUS	532-8222
FORK TINE, 2.25" X 6" X 60"	371-2360
BUCKET-GP, 3.0 YD3, FUS	360-3322
MACHINE LIST PRICE	\$256,124.00
32% SOURCEWELL DISCOUNT – CONTRACT 032119-CAT	<u>\$81,959.68</u>
MACHINE SELL PRICE AFTER DISCOUNT	\$174,164.32
Additional Required Items Not Subject to Sourcewell Discount	
DELIVERY & FREIGHT	\$2,778.00
EXT WARRANTY	\$10,088.00
CSA	\$5,761.00
NET BALANCE DUE	\$192,791.32

WARRANTY/EXTENDED COVERAGE

Extended Warranty:	60 Months/5000 Hrs Powertrain + Hydraulics + Tech with Travel Time & Mileage Included
CSA	Carter will perform 500hr & 1000hr PM Filter Service in the field with TT&M included. Carter will provide Filter Kits only up to 3000hrs to customer.

Thank you for the opportunity to provide you a quote for your equipment needs. This quotation is valid for 30 days. All machines are subject to prior sale. If there are any questions, please do not hesitate to contact me.

Sincerely,

Jeff Cronshaw
Machine Sales Representative
443-783-8248

CIP Project Name: Roads - Pocomoke Shop Renovation

Project Director (Name & Title): Kevin Lynch- Superintendent

Phone Number: 410-632-2244

Project Summary and Purpose: To renovate the roads shop by installing new windows, entry way doors, flooring, lighting, new HVAC, bathroom fixtures, insulation, siding, and outside lighting, fire/security alarm, security fencing around property.

Project Location: 2152 Groton Road, Pocomoke City, MD 21851

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?:
NA

Is there a Federal or State mandate related to this project? If so, please elaborate:NA

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance?

Greatly reduce utility bills by better insulating the building, having energy efficient lighting and HVAC.

What is the useful life of the asset/project? 50 Years

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design								0
Land Acquisition								0
Site Work								0
Construction	250,000	250,000						500,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	250,000	250,000	0	0	0	0	0	500,000

SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds	250,000	250,000						500,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	250,000	250,000	0	0	0	0	0	500,000

PROJECTED OPERATING IMPACTS	8,300	0	0	0	0			8,300
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CIP Project Name: Roads - Pocomoke Shop Renovation

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?

Install new insulated siding on the exterior of the building to aid in utility cost, as well as seal up any areas that have water intruding into the building/walls. Install new security lighting on the outside of the building. Install new LED lights and new windows throughout entire building, new flooring and a drop ceiling to aid with heating/air cost in the assembly area, new HVAC, updated bathroom fixtures, hot water heater and install a shower and shower drain. Install 1,820 feet of chain-link fence around property, install 1-30 feet gate at entrance to property, install an fire/burglary alarm system on the building, as well as monitoring cameras on the outside of the building. Powerwash and repaint existing block walls in the equipment bays.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Not funding or delaying this project will only allow the building to decay more and result in more costly repair's to be needed.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

Quote's from contractors. See attached documentation.

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?

I recommend this project be completed before the front end loader replacement.

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?

Funding of this project is at it's critical state. Currently this shop is housing 7 employees but due to the high cost in utility bills during the winter months, no heat can be used. This shop currently has no hot water heater due to the pipes freezing because no heat is being used. Currently the exterior walls leak water when it rains due to gaps under and around windows which also allow critter's and bugs inside the building. Continued use of the shop is critical to the residents on the South end of the County by allowing the storage of equipment and trucks for a quicker response after hours, as well as response time during storm/snow events. Currently the building as no type of security protecting the County property or equipment stored inside the building such as tools, signs, hand tools, 2-way radios, pickups and tractors. The property has no security fencing protecting the storage of materials outside, as well as several pieces of equipment.

BEAUCHAMP CONSTRUCTION

P.O. Box 389
900 Clarke Avenue
Pocomoke City, Maryland 21851
410-957-1100
Fax 410-957-3030
www.bbcs.net

August 23, 2022

Worcester County Roads
5764 Worcester Highway
Snow Hill, MD 21863

Attention: Mr. Kevin Lynch

Re: Proposal for upgrades to the building on Groton Road in Pocomoke.

Dear Kevin:

Thank you for considering Beauchamp Construction as contractor for the office upgrades project. We are happy to submit our budget for this work and hope this helps you with the decisions to be made.

I have tried to include everything per our walk-through with you. If you see something I missed, let me know.

For this proposal, we have included renovating the office, break room and rest room space. For the remainder of the interior, we are figuring to paint the masonry walls. We have included replacing two (2) exterior lintels and all exterior windows. The base price includes E.I.F.S. on the exterior and we have listed new exterior metal wall panels as an alternate.

Scope of Work:

- A. We will work with Worcester County Roads on sequence of construction in order to work with your schedule for moving existing furniture, lockers, equipment, etc.
- B. Beauchamp shall provide supervision for the duration of the project.
- C. Beauchamp shall provide a dumpster for the duration of the project.
- D. Remove the existing rest room, toilet, sink, electric heater, etc.
- E. Note: existing bladder tank to remain.
- F. Saw-cut and demo floor for new shower, etc. as needed. Patch the floor

as required.

- G. Remove all existing receptacles, lights, etc. We shall leave existing conduits, etc. for new fixtures, etc.
- H. Remove the office door. This door shall not be replaced.
- I. Remove all blinds and windows.
- J. Point-up existing masonry. Replace three (3) lintels. New lintels to be precast in lieu of steel.
- K. Provide framing in existing openings for new, windows. New windows to be 3'-0" x 3'-0" all vinyl. We included Eight (8) new windows.
- L. Frame a new rest room approximately 8' x 10'. This room shall accommodate the existing bladder tank, toilet, sink, shower, etc. Frame a deck over the new rest room to carry the water heater and a hard ceiling.
- M. Provide new 2" furring on all existing masonry walls in the end space for rest room, locker/break room and office – up to 12'. Install 2" rigid foam up to 12'. Frame-in existing interior window in office space.
- N. Install 5/8" drywall on all new walls and furring up to 12' up to existing ceiling in office.
- O. Provide sound batts in new rest room framed walls.
- P. Provide acoustical ceiling in locker/break room. Provide R-19 insulation over acoustical ceiling and rest room ceiling.
- Q. Note: the existing ceiling in the office space shall be removed. A drywall ceiling shall be installed under the existing framing.
- R. Provide a new 3'-0" x 6'-8" door for rest room. Door to be cut off at the bottom to allow for exhaust.
- S. Provide a new 2'-8" x 6'-8" door to replace hallway door.
- T. Provide new Plank flooring in rest room, locker/break room and office. Provide vinyl cove base on walls.
- U. Painting:
 - a. Prep and paint interior walls in office space including rest room door and new door from hallway to the adjacent equipment bay.
 - b. Repaint existing front walk door.
 - c. Paint all existing masonry walls in equipment bays. Walls to be power washed and painted with one coat of block filler and one finish coat.
- V. Plumbing:
 - a. Plumbing is existing, and will be modified as required using plastic piping (PVC/CPVC) for the installation of the following fixtures:
 - i. 1 tank type toilet
 - ii. 1 urinal
 - iii. 1 shower with faucet
 - iv. 1 sink with faucet
 - v. 1 30-gallon water heater
 - vi. Total Plumbing Budget \$8,000
- W. HVAC:

- a. Furnish and installation of two (2) mini split heat pumps with wall mounted inside units, a 9,000 btu for the office and a 15,000 btu for the larger room. These units will be controlled by handheld remote control thermostats. Each units installation will have all required refrigerant and condensate piping. The outside condensing units can be mounted to the exterior of the building on brackets.
 - b. Furnish and installation of an oversized bathroom exhaust fan, to pull in the conditioned air from the rest of the building. This unit will be rated to run continuously and should be wired to a light switch. Included with the fan is all associated ductwork and termination cap required. Submittals attached. Total HVAC Budget \$14,000
- X. Exterior work:
- a. Provide all new E.I.F.S. exterior finish system, with 1-12" rigid foam insulation. Color to be from standard color charts.
 - b. Return E.I.F.S. to all doors. Provide new weatherstripping at overhead doors.
 - c. Provide all new white painted metal fascia & gable trims.
- Y. Electric:
- a. Use existing circuits, conduits, etc. where possible.
 - b. Provide ten (10) duplex receptacles.
 - c. Provide four (4) LED lay-in ceiling lights.
 - d. Provide two (2) new LED surface-mount ceiling lights.
 - e. Provide one (1) new LED wall pack on the end of the building adjacent the exterior diesel heater circuits.
 - f. Provide strip heat in rest room on a thermostat.
 - g. Electric budget is \$5,000.00
- Z. Provide a final clean-up upon completion of the project.

Our proposed budget for the scope of work as outlined above is: One Hundred Seventy-Five Thousand and 00/100 dollars (\$175,000.00).

Exclusions:

- A. Bond, liquidated damages, permits and fees.
- B. Work on the remainder of the building.
- C. Plumbing, Mechanicals and Electrical.
- D. Evening and weekend hours.
- E. Wage scale rates.
- F. Window in rest room.
- G. New lockers.
- H. Cabinets and tops.
- I. Electric in equipment bays.
- J. Work on overhead doors.

Alternates:

- A. For exterior painted metal panels (not insulated) and trims, deduct
<\$4,775.00>
- B. We can install exterior painted metal panels (furred-out with 1-1/2" rigid
foam insulated) for the same price as E.I.F.S.

If you have any questions, please do not hesitate to call.

Very truly yours,

John P Chamberlain

John P Chamberlain, Project Manager
Beauchamp Construction

CIP Project Name: Riddle Farm WWTP Bypass to OP WWTP

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works
Phone Number: 410-632-5623

Project Summary and Purpose: Install a sewer force main bypass line to allow untreated wastewater to flow from the Riddle Farm Service Area to the Ocean Pines WWTP for treatment. This will allow for the Riddle Farm WWTP to be bypassed during emergency plant shutdowns and future rehabilitation without the need for pumping & hauling operations. This will also eliminate the risk of sanitary sewer overflows that are a risk during plant shutdown or failure.

Project Location: Riddle Farm WWTP (Riddle Farm Service Area)

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: Looking into applying for USDA or MDE Funding sources.

Is there a Federal or State mandate related to this project? If so, please elaborate:
 No direct mandates, but DPW is at risk of violating discharge permits if pumping & hauling operations continue or if a plant failure resulted in sewer overflows at the plant.

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? No

What is the useful life of the asset/project? 30-40 years

Will this project generate revenue? Yes, this will allow for the Riddle Farm WWTP to stay in-service during the plant rehabilitation.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design	40,000							40,000
Land Acquisition								0
Site Work								0
Construction	960,000							960,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	1,000,000	0	0	0	0	0	0	1,000,000
SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - USDA / MDE / CDBG	1,000,000							1,000,000
TOTAL	1,000,000	0	0	0	0	0	0	1,000,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0			0

CIP Project Name: Riddle Farm WWTP Bypass to OP WWTP

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?

The scope of this project is to design and install a sewer force main running from the Riddle Farm WWTP to the Ocean Pines WWTP. This scope was determined due to the need for the interconnect of the two plants so that raw, untreated sanitary sewerage can be treated during the Riddle Farm WWTP upgrades and during emergency situations that could impact plant operations. The Riddle Farm WWTP has been having issues treating wastewater effectively over the past few years due to ineffective membranes. This project will allow for wastewater to still be treated while the plant is taken offline for rehabilitation.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Impacts will benefit the Riddle Farm and the Ocean Pines Service Area. Additional plant resiliency will be introduced to the Riddle Farm Service Area. The Ocean Pines Service Area will see a reduction in the amount of truck traffic generated by pumping and hauling operations. Additionally, both service areas will benefit as the Riddle Farm WTP will be able to come back into service, therefor reducing the demand of water from the Ocean Pines Service Area. Negative impacts include the continuation of pumping & hauling costs, environmental risks of from accidental spills, increased debt to the Riddle Farm Service Area for pumping & hauling operations, and no expansion of the Riddle Farm Service Area.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

Cost estimate was developed based off of an engineering study completed by GMB. This is a project specific estimate based off of real time materials and construction costs. Costs are subject to change in the future due to market volatility and inflation.

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?

Yes, this bypass force main needs to be done first to allow for raw, untreated wastewater to be directed to another treatment plant while the Riddle Farm WWTP has to be taken offline for rehabilitation.

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 project is critical and needs to be completed as soon as possible so that raw wastewater flow can be routed to another WWTP while the Riddle Farm WWTP is taken offline for rehabilitation.

CIP Project Name: Riddle Farm WWTP Rehabilitation

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works
Phone Number: 410-632-5623

Project Summary and Purpose: Rehabilitate the existing WWTP to include new membranes and aeration processes that will increase the treatment capacity of the plant. The overall purpose of this project is to provide a functional plant that has the ability to treat the flows coming to it, rather than having to pump & haul raw wastewater away due to inadequate capacity in the current membranes.

Project Location: Riddle Farm WWTP (Riddle Farm Service Area)

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?:

Yes, Tri-County Grant funding has been awarded for this project.

Is there a Federal or State mandate related to this project? If so, please elaborate:

No direct mandates, but DPW is at risk of violating discharge permits if pumping and hauling operations continue.

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? No

What is the useful life of the asset/project?

15-20 years, based off of estimated lifespan of membranes at other County-operated facilities.

Will this project generate revenue?

Yes, additional EDUs will be available as plant capacity will be increased.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design	100,000							100,000
Land Acquisition								0
Site Work								0
Construction	1,600,000							1,600,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	1,700,000	0	0	0	0	0	0	1,700,000

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Tri County Grant	1,700,000							1,700,000
TOTAL	1,700,000	0	0	0	0	0	0	1,700,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Riddle Farm WWTP 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?

The scope of the project was determined via an engineering report by GMB. The original membranes lasted 14 years and were replaced by membranes from an alternate supplier. These alternate membranes are failing and have already been replaced by the manufacturer. It is the intent of this project to replace the faulty membranes and add new membranes from the original membrane supplier to make the operation more reliable and capable of treating higher flows.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Impacts will benefit the Riddle Farm and the Ocean Pines Service Area. Additional capacity and plant resiliency will be introduced to the Riddle Farm Service Area. The Ocean Pines Service Area will see a reduction in the amount of truck traffic generated by pumping and hauling operations. Additionally, both service areas will benefit as the Riddle Farm WTP will be able to come back into service, therefor reducing the demand of water from the Ocean Pines Service Area. Negative impacts include the continuation of pumping & hauling costs, environmental risks of from accidental spills, increased debt to the Riddle Farm Service Area for pumping & hauling operations, and no expansion of the Riddle Farm Service Area.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

Cost estimate was developed based off of an engineering study completed by GMB. This is a project specific estimate based off of real time materials and construction costs. Costs are subject to change in the future due to market volatility and inflation.

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?

Yes, bypass force main needs to be done first to eliminate pumping and hauling.

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 project is critical and needs to be completed as soon as possible.

CIP Project Name: Mystic Harbour Solids Handling

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works

Phone Number: 410-632-5623

Project Summary and Purpose: Upgrades to the Mystic Harbor Solids Dewatering process which will resolve the dewatering problems at the Mystic Harbour Wastewater Treatment Plant.

Project Location: Mystic Harbour/West OC

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: Looking into applying for USDA or MDE Funding for this project.

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? No

What is the useful life of the asset/project? 30 years

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design	200,000							200,000
Land Acquisition								0
Site Work								0
Construction	2,800,000							2,800,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	3,000,000	0	0	0	0	0	0	3,000,000

SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - USDA / MDE / CDBG	3,000,000							3,000,000
TOTAL	3,000,000	0	0	0	0	0	0	3,000,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Mystic Harbour Solids Handling

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?

This project includes improvement to the Mystic Harbour Wastewater Treatment Plan by construction of needed improvements to the sludge handling facilities.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

This project will permanently resolve the handling of bio-solids at the Mystic Harbour Wastewater Treatment Plant and benefit the Mystic Harbor Service

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

The cost estimate for the Solids Handling improvements were taken from a 2017 Preliminary Engineering Report completed by GMB. This is a complete design, permitting, and construction cost estimate including Construction Admin and Inspection.

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 on last years CIP for FY 23 but not funded.

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 building improvements are required.

CIP Project Name: Mystic Harbour WTP Rehabilitation

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works
Phone Number: 410-632-5623

Project Summary and Purpose: 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, painting or siding to make the building more aesthetically acceptable, and security fencing around the site to secure the property. 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. All of these repairs will extend the useful life of this building.

Project Location: Mystic Harbour

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: Looking into applying for USDA or MDE funding for this project.

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? No

What is the useful life of the asset/project? 40 years

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design	200,000							200,000
Land Acquisition								0
Site Work								0
Construction	1,200,000							1,200,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	1,400,000	0	0	0	0	0	0	1,400,000

SOURCES OF FUNDS	FY 24	FY 25	FY 26	FY 27	FY 28	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								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - USDA / MDE / CDBG	1,400,000							1,400,000
TOTAL	1,400,000	0	0	0	0	0	0	1,400,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Mystic Harbour WTP 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?

The Mystic Harbor 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 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 as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Project is required to maintain the operation of the Mystic Harbour Water system.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

The cost estimate is from the preliminary engineering study conducted in December 2021. The estimated impact (IF NO GRANT FUNDING WERE TO BE USED) to water debt service (EDUs) will increase the rate by \$7.78 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?

This was on last years CIP for FY 23 but not funded.

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 facility is the primary supplier of water to the Mystic Harbour and West Ocean City Area.

CIP Project Name: Ocean Pines UV Disinfection

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works
Phone Number: 410-632-5623

Project Summary and Purpose: Replacement of the UV Disinfection system at the Ocean Pines WWTP.

Project Location: Ocean Pines WWTP (Ocean Pines Service Area)

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: No

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? No

What is the useful life of the asset/project? 30 years

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design								0
Land Acquisition								0
Site Work								0
Construction	300,000							300,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	300,000	0	0	0	0	0	0	300,000

SOURCES OF FUNDS								
General Fund								0
User Fees	300,000							300,000
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	300,000	0	0	0	0	0	0	300,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Ocean Pines UV Disinfection

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?

Replacement of the UV disinfection system at the Ocean Pines WWTP.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Project is required to maintain a high quality effluent for the Ocean Pines WWTP and overall service area. This is the last treatment prior to discharge to the receiving coastal waters.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

The cost estimate is based off of recent estimates for similar engineering estimates for projects in Worcester County. There are no reserves, this project will be included in the Operations and Maintenance Budget for 9,550 EDU's including WHP.

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 CIP item. Construction funding is requested in FY23 due to the anticipated degradation of the existing UV clarifier system and the lack of replacement parts to fix the system in the event of a failure.

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?

Project is required to maintain a high quality effluent for the Ocean Pines WWTP and overall service area. This is the last treatment prior to discharge to the receiving coastal waters. Lack of a functioning UV disinfection could jeopardize the permit compliance with MDE.

CIP Project Name: Landings Water Tower Rehabilitation

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works

Phone Number: 410-632-5623

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

Project Location: Landings WTP (Landings Service Area)

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: Planning on applying for grant funding through MDE or USDA.

Is there a Federal or State mandate related to this project? If so, please elaborate:

No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance?

No

What is the useful life of the asset/project?

15-20 years, based off of estimated lifespan at other County-operated facilities

Will this project generate revenue?

No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design		30,000						30,000
Land Acquisition								0
Site Work								0
Construction		550,000						550,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	0	580,000	0	0	0	0	0	580,000

SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - USDA / MDE / CDBG		580,000						580,000
TOTAL	0	580,000	0	0	0	0	0	580,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Landings Water Tower 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?

Repainting, and miscellaneous improvements to the Landings Water Tower. Scope was determined by the County's tank consultant MBW tanks.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Extending the life of an important water storage tower

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

Estimate developed from water tower inspection in December 2021 and historical costs from other tower painting projects. The estimated impact to water debt service (EDUs) will increase the rate by \$24.17 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?

Second time on 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.

CIP Project Name: Riddle Farm Water Tower Rehabilitation, painting and lowering

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works
Phone Number: 410-632-5623

Project Summary and Purpose: Painting, Lowering and rehabilitation of the Riddle Farm Water Tower in order to 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.

Project Location: Riddle Farm WTP (Riddle Farm Service Area)

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?:

Planning on applying for funding through MDE or USDA.

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? No

What is the useful life of the asset/project? 15-20 years

Will this project generate revenue?

Yes, this will allow for efficient operations of the Riddle Farm WTP; hence allowing for water production for the service area.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design		50,000						50,000
Land Acquisition								0
Site Work								0
Construction		600,000						600,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	0	650,000	0	0	0	0	0	650,000

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - USDA / MDE / CDBG		650,000						650,000
TOTAL	0	650,000	0	0	0	0	0	650,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Riddle Farm Water Tower Rehabilitation, painting and 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?

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 as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

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

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

Cost estimate was developed based off of an inspection done by the County's trusted water tower consultant, MWB Tanks.

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?

No change in timing.

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.

CIP Project Name: Mystic Harbour Effluent Connection to Assateague Greens

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works

Phone Number: 410-632-5623

Project Summary and Purpose: Expansion of the effluent disposal network for Mystic Harbour Wastewater Treatment Plant via spray irrigation land disposal at the Assateague Greens golf facility. The connection would allow for additional effluent disposal capabilities for the network. Overall, this project could present the service area with about 48,000 gpd (160 EDUs) of capacity via the increase in area for land disposal.

Project Location: Mystic Harbour

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?:

No

Is there a Federal or State mandate related to this project? If so, please elaborate:

No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance?

No

What is the useful life of the asset/project?

30 years

Will this project generate revenue?

Yes, this will free up the sale of additional EDU's currently limited at the Landings, Mystic, and Assateague Point service areas due to inadequate effluent disposal capacity.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design		50,000						50,000
Land Acquisition								0
Site Work								0
Construction		950,000						950,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	0	1,000,000	0	0	0	0	0	1,000,000

SOURCES OF FUNDS								
General Fund								0
User Fees		1,000,000						1,000,000
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	0	1,000,000	0	0	0	0	0	1,000,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Mystic Harbour Effluent Connection to Assateague Greens

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?

Expansion of the effluent disposal network for Mystic Harbour Wastewater Treatment Plant via installation of a spray irrigation land disposal facility at the Assateague Greens golf facility. The connection would allow for additional effluent disposal capabilities for the network. The scope would include the engineering design and construction of the spray irrigation facility while reusing any viable irrigation equipment already being used by the golf facility. Also included would be the dredging and lining of an existing onsite holding pond (for effluent storage) and the sewer line connection to the existing effluent transmission line located along Rt. 611.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Continued development along the Rt 611 corridor will require adequate public utilities. Expansion of the effluent capacity needs to be created as soon as possible as the WWTP's in this area (Mystic, Landings, Assateague Point) can collectively treat more than can be disposed of. Negative impacts would simply mean limited development and potentially a hold on the sale of EDUs.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

The cost estimate is based off of similar spray irrigation installs and utility connection projects that have recently takenplace in Worcester County.

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?

New CIP item, this is listed sooner due to the urgent need for effluent disposal capacity in the Mystic, Landings, and Assateague Point service areas.

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 along the Rt 611 corridor will require adequate public utilities. Expansion of the effluent capacity needs to be created as soon as possible

CIP Project Name: Mystic Harbour Storage Building

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works
Phone Number: 410-632-5623

Project Summary and Purpose: Rehabilitation of the Mystic Harbour Storage Building in order to provide a conditioned space for safe storage of Water and Wastewater Division equipment.

Project Location: Mystic Harbour/West OC

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: Planning on applying for funding through MDE or USDA.

Is there a Federal or State mandate related to this project? If so, please elaborate:No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance?No

What is the useful life of the asset/project? 30 years

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design		50,000						50,000
Land Acquisition								0
Site Work								0
Construction		650,000						650,000
Equipment/Furnishings								0
Other - Please Specify								0

TOTAL	0	700,000	0	0	0	0	0	700,000
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	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - USDA / MDE / CDBG		700,000						700,000

TOTAL	0	700,000	0	0	0	0	0	700,000
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PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Mystic Harbour Storage 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?

The scope of the project is to provide the needed improvements to the on-site storage building. Scope was determined by a Preliminary Engineering Report completed by GMB for the rehabilitation of a deteriorating, flood prone building.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

The storage building at the Mystic Harbour Waste Water Plant is unusable due to frequent flooding. A low finished floor elevation plus poor site grading around the building cause runoff to enter the building through the doors. Any equipment or materials stored in the build become ruined during rain events. In Fall 2021, local engineering firm George, Miles, & Buhr conducted a feasibility study for rehabilitating the building. Their findings include raising the finished floor elevation, replacing the door & window hardware, and regrading around the building to stop water from entering.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

The cost estimate for the Storage Building was taken from a preliminary engineering study conducted by George, Miles, & Buhr in December 2021. The estimated impact to sewer debt service (EDUs) will increase the rate by \$7.00 per EDU per quarter assuming a 15 year bond. This estimate does not factor in interest rates on bond projects. There would be no impact to rates if grant funding covering the entire project were to become available.

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 on last years CIP for FY 23 but not funded. This project still needs to be completed in order to provide equipment storage at the site; however, it is more critical to complete the Solids Handling project at Mystic Harbor first.

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 Countyowned wastewater facility in this area is the Mystic Harbour Wastewater Treatment Plant. To continue well controlled economic growth in this area, these building improvements are required.

CIP Project Name: River Run Sewer Interconnection to Ocean Pines

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works

Phone Number: 410-632-5623

Project Summary and Purpose: Interconnect the River Run and Ocean Pines Sewer systems via the installation of a new sewer line. This will allow for the River Run lagoon liner to be replaced while still treating the service area's wastewater via the Ocean Pines WWTP. In the future, this interconnect allows for redundancy in the event of an emergency or unexpected shutdown of one of the connected plants.

Project Location: River Run WWTP (River Run Service Area)

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: No

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? No

What is the useful life of the asset/project? 40 years

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design		100,000						100,000
Land Acquisition								0
Site Work								0
Construction			1,100,000					1,100,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	0	100,000	1,100,000	0	0	0	0	1,200,000

SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds		100,000	1,100,000					1,200,000
General Bonds								0
Other - Please Specify								0
TOTAL	0	100,000	1,100,000	0	0	0	0	1,200,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: River Run Sewer Interconnection to Ocean Pines

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?

This project involves the interconnection of the River Run and Ocean Pines Sewer systems via the installation of a new sewer line. This will allow for the River Run lagoon liner to be replaced while still treating the service area's wastewater via the Ocean Pines WWTP. In the future, this interconnect allows for redundancy in the event of an emergency or unexpected shutdown of one of the connected plants.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

This interconnection allows for redundancy in the event of an emergency, unexpected shutdown, or maintenance of one of the connected plants. As a result of this interconnection, sewer flows can be directly sent to a connected treatment plant during shutdown periods which will avoid the need for expensive and intrusive pumping & hauling operations.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

Estimate developed from recent force main installs in Worcester County.

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 CIP, requesting the interconnection sooner due to the need to send wastewater flow elsewhere for treatment during the River Run lagoon liner replacement. Once this project is complete, the raw wastewater from River Run can be directed to Ocean Pines for treatment while the River Run WWTP is take offline for the liner rehabilitation.

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?

Not funding this project will lead to extremely high pumping & hauling costs that would be incurred during the River Run lagoon liner replacement. The need to resort to pumping & hauling operations could also open up the County to violation of the MDE permit regulations for the treatment plant.

CIP Project Name: River Run Replacement Liner

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works

Phone Number: 410-632-5623

Project Summary and Purpose: Replacement of the liner at the River Run lagoon.

Project Location: River Run WWTP (River Run Service Area)

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: No

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? No

What is the useful life of the asset/project? 30 years, based off of estimated lifespan of liners at other County-operated facilities.

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design		100,000						100,000
Land Acquisition								0
Site Work								0
Construction			1,100,000					1,100,000
Equipment/Furnishings								0
Other - Please Specify								0

TOTAL	0	100,000	1,100,000	0	0	0	0	1,200,000
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	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
SOURCES OF FUNDS								
General Fund								0
User Fees		100,000						100,000
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds			1,100,000					1,100,000
General Bonds								0
Other - Please Specify								0

TOTAL	0	100,000	1,100,000	0	0	0	0	1,200,000
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PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: River Run Replacement Liner

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?

Replacement of the liner at the River Run WWTP Lagoon. Current liner is at the end of its useful life with increasing repair costs every year. Scope is based off of the need for an replacement of the Hypolon liner with a more durable 100 mil thick HDPE liner.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Extending the life of this lagoon will allow for continued operations of a critical WWTP in the County's network. A replacement liner will lessen the risk of breaks and tears which cost money to repair and open the potential for fines from MDE.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

Estimate developed from recent costs to replace other pond/lagoon liners in Worcester County.

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 CIP, requesting this liner sooner due to the increasing costs and frequency of tears/breaks in the existing lagoon liner.

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 repair cost to the existing liner. Leaks due to tears/breaks can also open the County up to liability and fines with MDE.

CIP Project Name: Assateague Point Replacement Liner

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works
Phone Number: 410-632-5623

Project Summary and Purpose: Replacement of the liner at the Assateague Point WWTP Lagoon.

Project Location: Assateague Point WWTP (Assateague Point Service Area)

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?:

No

Is there a Federal or State mandate related to this project? If so, please elaborate:

No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance?

No

What is the useful life of the asset/project?

30 years, based off of estimated lifespan of liners at other County-operated facilities

Will this project generate revenue?

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design		100,000						100,000
Land Acquisition								0
Site Work								0
Construction			600,000					600,000
Equipment/Furnishings								0
Other - Please Specify								0

TOTAL	0	100,000	600,000	0	0	0	0	700,000
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SOURCES OF FUNDS								
General Fund								0
User Fees		100,000						100,000
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds			600,000					600,000
General Bonds								0
Other - Please Specify								0

TOTAL	0	100,000	600,000	0	0	0	0	700,000
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PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Assateague Point Replacement Liner

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?

Replacement of the liner at the Assateague Point WWTP Lagoon. Current liner is at the end of its useful life with increasing repair costs every year. Scope is based off of the need for an in-kind replacement of the liner at the lagoon.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Extending the life of this lagoon will allow for continued operations of a critical WWTP in the County's network. A replacement liner will lessen the risk of breaks and tears which cost money to repair and open the potential for fines from MDE.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

Estimate developed from recent costs to replace other pond/lagoon liners in Worcester County.

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 CIP, requesting this liner sooner due to the increasing costs and frequency of tears/breaks in the existing lagoon liner.

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 repair cost to the existing liner. Leaks due to tears/breaks can also open the County up to liability and fines with MDE.

CIP Project Name: Mystic Harbour Effluent Connection to Riddle Farm Lagoon

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works

Phone Number: 410-632-5623

Project Summary and Purpose: Connection of the Mystic Harbor Effluent Discharge to the Riddle Farm WWTP lagoon via installation of a force main. This will allow for interconnectivity of the plants during emergency situations while also allowing Mystic to utilize excess effluent discharge capacity already available within the Riddle Farm Lagoon.

Project Location: Mystic Harbour/West OC

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: No

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? No

What is the useful life of the asset/project? 30 years

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design		200,000						200,000
Land Acquisition								0
Site Work								0
Construction			2,800,000					2,800,000
Equipment/Furnishings								0
Other - Please Specify								0

TOTAL	0	200,000	2,800,000	0	0	0	0	3,000,000
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SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds		200,000	2,800,000					3,000,000
General Bonds								0
Other - Please Specify								0

TOTAL	0	200,000	2,800,000	0	0	0	0	3,000,000
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PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Mystic Harbour Effluent Connection to Riddle Farm Lagoon

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?

Design and construction of a force main to allow the connection of the Mystic Harbor Effluent Discharge to the Riddle Farm WWTP lagoon via installation of a force main. This will allow for interconnectivity of the plants during emergency situations while also allowing Mystic to utilize excess effluent discharge capacity already available within the Riddle Farm Lagoon.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

By interconnecting, Public Works would have the ability to store treated effluent during extreme weather events without sending the flow to the Ocean City WWTP (where it would have to be treated again). There is a cost saving to the rate payers by not having to pay for treatment and disposal fees from the Town of Ocean City.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

The cost estimate is based off of similar utility force main projects that have recently taken place in Worcester County.

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?

New CIP item, this is listed sooner due to the urgent need for effluent disposal capacity in the Mystic, Landings, and Assateague Point service areas.

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 along the Rt 611 corridor will require adequate public utilities. Expansion of the effluent capacity needs to be created as soon as possible as the WWTP's in this area (Mystic, Landings, Assateague Point) can collectively treat more than can be disposed of.

CIP Project Name: Mystic Harbour Effluent Disposal Expansion

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works

Phone Number: 410-632-5623

Project Summary and Purpose: Expansion of the effluent disposal network for Mystic Harbour Wastewater Treatment Plant by tying in the Assateague Point and Landings WWTP systems. This will allow for additional effluent disposal capabilities for the network.

Project Location: Mystic Harbour/West OC

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: Looking to apply for grant funding through MDE or USDA.

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? No

What is the useful life of the asset/project? 30 years

Will this project generate revenue? Yes, this will free up the sale of additional EDU's currently limited at the Landings development due to inadequate effluent disposal capacity.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design				100,000				100,000
Land Acquisition								0
Site Work								0
Construction				2,000,000				2,000,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	0	0	0	2,100,000	0	0	0	2,100,000

SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - USDA / MDE / CDBG				2,100,000				2,100,000
TOTAL	0	0	0	2,100,000	0	0	0	2,100,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Mystic Harbour Effluent Disposal Expansion

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?

Expansion of the effluent disposal network for Mystic Harbour Wastewater Treatment Plant by tying in the Assateague Point and Landings WWTP systems. This will allow for additional effluent disposal capabilities for the network. Expansion of the effluent capacity needs to be created as soon as possible as the WWTP's in this area (Mystic, Landings, Assateague Point) can collectively treat more than can be disposed of.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Continued development along the Rt 611 corridor will require adequate public utilities. Expansion of the effluent capacity needs to be created as soon as possible as the WWTP's in this area (Mystic, Landings, Assateague Point) can collectively treat more than can be disposed of. Negative impacts would simply mean limited development and potentially a hold on the sale of EDUs.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

The cost estimate is based off of similar utility connection projects that have recently taken place in Worcester County.

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?

New CIP item, this is listed sooner due to the urgent need for effluent disposal capacity in the Mystic, Landings, and Assateague Point service areas.

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 along the Rt 611 corridor will require adequate public utilities. Expansion of the effluent capacity needs to be created as soon as possible as the WWTP's in this area (Mystic, Landings, Assateague Point) can collectively treat more than can be disposed of.

CIP Project Name: Newark WTP Rehabilitation

Project Director (Name & Title): Dallas Baker Jr., P.E. - Director of Public Works
Phone Number: 410-632-5623

Project Summary and Purpose: Replacement of the Newark Water Treatment plant building and equipment as the existing treatment plant is nearing the end of its useful life.

Project Location: Newark WTP (Newark Service Area)

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: Looking into applying for funding through USDA or MDE grants.

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? No

What is the useful life of the asset/project? 40 years

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design				150,000				150,000
Land Acquisition								0
Site Work								0
Construction					2,850,000			2,850,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	0	0	0	150,000	2,850,000	0	0	3,000,000

SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - USDA / MDE / CDBG				150,000	2,850,000			3,000,000
TOTAL	0	0	0	150,000	2,850,000	0	0	3,000,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Newark WTP 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?

The current Newark WTP and building was put into service in 1971. While numerous upgrades have been made over the last 50 years, the plant is nearing the end of its useful life. A new WTP building will need to be built at an undetermined site so that the existing plant can remain in-service during construction. As part of a new WTP construction, at least one new supply well will need to be constructed.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Project is required to maintain the operation of the Newark Water Treatment Plant to continue to efficiently serve the Newark Service Area.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

The cost estimate is based off of recent estimates for similar engineering estimates for projects in Worcester County.

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 CIP item. Construction funding is added for the last year of the CIP. Engineering/design funding is requested in FY27 in order to have construction documents and permitting complete prior to bidding for 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?

This facility is the only supplier of water to Newark Area and needs to be replaced in order to maintain plant resiliency. It is critical to fund the engineering/design/permitting phases sooner as plan development and permitting with the State may take an extended period of time.

CIP Project Name: Landfill - Leachate Storage Tank

Project Director (Name & Title): David Candy, Solid Waste Superintendent

Phone Number: 410-632-3177

Project Summary and Purpose: Additional leachate storage.

Project Location: Central Site Landfill

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?:

I'm not aware of any grants at this time.

Is there a Federal or State mandate related to this project? If so, please elaborate: MDE

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? The funds would be coming from the Enterprise Fund.

What is the useful life of the asset/project? Useful life is 40 years with proper maintenance.

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design	25,000							25,000
Land Acquisition								0
Site Work								0
Construction	507,000							507,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	532,000	0	0	0	0	0	0	532,000

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
SOURCES OF FUNDS								
General Fund								0
User Fees	532,000							532,000
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	532,000	0	0	0	0	0	0	532,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Landfill - Leachate Storage Tank

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?

The existing leachate tank has a capacity of 500,000 gallons of leachate. The tank was designed to be expanded, as the landfill grows. The existing tank can be expanded to increase the total capacity to 788,000 gallons.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Negative impact could be fines from MDE, if we needed the storage and didn't have it.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

We contacted the tank company for a budget number.

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?

MDE requires landfills to have 20 days of leachate storage capacity. The existing tank was designed in 2013 and built in 2014. EA Engineering noted at that time, when cell 5 is built the tank would need to be added on to, to handle the increase in leachate from cell 5. The existing leachate capacity was approved based on the assumption of hauling off 16,000 gallons a day. The last few years we have been getting an excessive amount of rain fall, which can make it hard to keep up hauling leachate to the waste water treatment plants.

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 project should be considered necessary at this time. Delay of this project and the recent impacts of increased storm intensity results in challenges for leachate hauling. The alternative to expanding the leachate tank would be to cap and close the existing leachate cells. Cap and closure would be approximately \$4M per cell.

CIP Project Name: Administration Scale House Renovation & Addition

Project Director (Name & Title): David Candy Solid Waste Superintendent

Phone Number: 410-632-3177

Project Summary and Purpose: Administration Scale House Renovation and Addition.

Project Location: Central Site Landfill

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?:

Not that I'm aware of at this time.

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? None

What is the useful life of the asset/project? 30 years or more with regular maintenance.

Will this project generate revenue? The building and scales take in all the landfill revenue.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design		60,000						60,000
Land Acquisition								0
Site Work								0
Construction		1,080,000						1,080,000
Equipment/Furnishings		60,000						60,000
Other - Please Specify								0
TOTAL	0	1,200,000	0	0	0	0	0	1,200,000

SOURCES OF FUNDS								
General Fund								0
User Fees		1,200,000						1,200,000
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds								0
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	0	1,200,000	0	0	0	0	0	1,200,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: 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?

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 as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

The project will benefit the recycling, landfill administrative employees and the citizens of Worcester County. When the citizens of Worcester County come in to get there house hold permits and or to pay there tipping fee. They won't have to find there way to the counter. The administration employees need separation from the landfill employees and the citizens of the county. The way it works now people walk in off the street, and come sit down in your office and start talking unannounced. The building hasn't been renovated in over 20 years and needs updating to be in ADA compliance.

The negative impact to the Enterprise Fund is the longer we wait to do the construction the more it will cost.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

The project hasn't been design at this point. The cost estimated is based on the scope of work and pervious 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 project was added for FY23 and FY24. I would like to push it back to FY25, because of another project on the landfill that is more important. I feel that the expansion of the leachate tank is more important than the office renovation. I feel we should look in to adding on to the existing leachate tank, to give the landfill more storage for leachate. At this time the leachate tank has a capacity of 500,000 gallons, the tank can be added on to so it will have a capacity of 750,000 gallons. With all the old cells being open and cell 5 having so much open semi flat area, with periods of heavy rain we may not having enough storage. Which in turn could lead to the tank over flowing, and a environmental issue.

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 the building needs to have updates done when the funds are available.

CIP Project Name: Recreation Center - HVAC Replacement

Project Director (Name & Title): Kelly Rados, Director Recreation & Parks

Phone Number: 410-632-2144

Project Summary and Purpose:

This project will include a complete replacement of the existing ground mounted packaged rooftop HVAC units for the gym arena at the Recreation Center..

The current gymnasium HVAC units are undersized and inadequate. They are 18 years old and at the end of their useful life expectancy of 15 to 18 years.

Project Location: Worcester County Recreation Center, 6030 Public Landing Road, Snow Hill, MD 21863

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: N/A

Is there a Federal or State mandate related to this project? If so, please elaborate: No

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? General preventative maintenance and continued maintenance repairs

What is the useful life of the asset/project? 20 years

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design								0
Land Acquisition								0
Site Work								0
Construction	960,000					300,000		1,260,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	960,000	0	0	0	0	300,000	0	1,260,000

SOURCES OF FUNDS	FY 24	FY 25	FY 26	FY 27	FY 28	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	960,000					300,000		1,260,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	960,000	0	0	0	0	300,000	0	1,260,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Recreation Center - HVAC 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?

This project involves a complete replacement of the two current ground mounted packaged rooftop units and incorporating single zone VAV (supply and exhaust fans) control strategies on the same. This will require removal of each ground mounted packaged rooftop unit. The new units would incorporate variable frequency drives on the supply and exhaust air fans for a single zone VAV operations. The project had an analysis completed in 2018 that included a detailed scope of the project and recommendations.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

This project would benefit citizens that utilize the Recreation Center facility, addressing comfort complaints while attending and participating in Recreation programs and events. Not funding or delaying the project could result in decreased attendance and registration to programs and unsatisfactory working conditions to employees. Delaying the project would result in increased costs in trying to maintain the current systems and overall increased project costs due to construction costs continuing to increase.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. Are there any concerns with your estimate?

The cost estimate was provided to us by Gipe Associates, Inc. Consulting Engineers. Gipe provided an HVAC Systems Analysis in 2018 this project. They recently provided us with an updated cost estimate based on actual bids for construction projects similar to what is needed for the Recreation Center, including projections for increased costs of construction. Concerns with my estimate would be the continued rising costs of construction and 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?

The condenser coils on the outside HVAC units are in bad shape and were scheduled for replacement 4 - 5 years ago. \$300,000 was earmarked, at the time, for the Recreation Center - HVAC improvements in assigned funds, when the coil replacements were in the works. This work was never completed as pricing came back to high. The units have now aged out and are not worth spending \$30-\$40K per unit for replacement coils.

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 current HVAC units are not able to maintain the temperatures for the gym arena. The existing cooling set point of 80 degrees is inappropriate for a multipurpose area of this size related to temperature/humidity performance. Prolonging the project will incur additional maintenance costs and overall increased project costs.

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

Project Director (Name & Title): Vince Tolbert, Chief Financial Officer, Worcester County Public Schools

Phone Number: 410 632-5063

Project Summary and Purpose: Demolish existing and install new built-up roof at Snow Hill Middle School (90,000 square feet) and Cedar Chapel Special School (17,175 square feet). Existing roof at Snow Hill Middle School is 28-years-old and the existing roof at Cedar Chapel Special School is 36-years-old.

Project Location: Snow Hill Middle School, 522 Coulbourne Lane, Snow Hill, MD. 21863
Cedar Chapel Special School, 510 Coulbourne Lane, Snow Hill, MD. 21863

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: State School Construction funding will be provided through the Interagency Commission on School Construction (IAC) for both design and construction.

Is there a Federal or State mandate related to this project? If so, please elaborate: No.

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? We anticipate decreased utility costs at Snow Hill Middle School and Cedar Chapel Special School following completion of the project due to an improvement of the building envelope insulation characteristics. Ongoing maintenance has increased over recent years to address roof deficiencies; the maintenance requirements will be mitigated following installation of the new roof.

What is the useful life of the asset/project? 30-40 years.

Will this project generate revenue? No.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design	119,000							119,000
Land Acquisition								0
Site Work								0
Construction		3,920,700						3,920,700
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	119,000	3,920,700	0	0	0	0	0	4,039,700

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match	39,000	1,867,000						1,906,000
State Loan								0
Assigned Funds	80,000	2,053,700						2,133,700
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	119,000	3,920,700	0	0	0	0	0	4,039,700

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Snow Hill Middle School/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?

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 as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

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 (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. 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

CIP Project Name: Buckingham Elementary Replacement School

Project Director (Name & Title): Vince Tolbert, Chief Financial Officer, Worcester County Public Schools

Phone Number: 410 632-5063

Project Summary and Purpose: A feasibility Study for the Buckingham Elementary School project began in July 2022. The Study will document existing building, site and instructional deficiencies at Buckingham Elementary School and will provide options to address those deficiencies (Replacement School on site, Replacement School off-site or Renovation/Addition to existing school). The Study is scheduled to be complete and presented to the Worcester County Board of Education in December 2022, to the State Interagency Commission on School Construction (IAC) in December 2022 and to the Worcester County Commissioners in March 2023.

Project Location: Buckingham Elementary School, 100 Buckingham Road, Berlin, MD 21811

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: State school construction funding will be requested through the Interagency Commission on School Construction (IAC). Based on preliminary school size and cost estimates for construction scheduled to begin in 2026, the current State funding allocation for the project is \$17,182,000.

Is there a Federal or State mandate related to this project? If so, please elaborate: No.

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? Either through a Replacement School or a Renovation/Addition project, the Buckingham Elementary project will provide more square footage than the existing 49,000 square feet. However, with energy efficiency elements included in the future design and new building systems requiring minimal maintenance costs, impact on general funds is not expected to rise significantly.

What is the useful life of the asset/project? 30-50 years.

Will this project generate revenue? No.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design	1,246,537	1,215,921	159,201	191,237	327,836		81,959	3,222,691
Land Acquisition								0
Site Work								0
Construction				20,517,175	35,172,300		8,793,075	64,482,550
Equipment/Furnishings				140,804	3,022,978		60,345	3,224,127
Other - Construction Manager, Commissioning		89,138	423,209	1,116,751	1,674,524		963,606	4,267,228
TOTAL	1,246,537	1,305,059	582,410	21,965,967	40,197,638	0	9,898,985	75,196,596

SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match	807,393	686,607		7,844,000	7,844,000			17,182,000
State Loan								0
Assigned Funds	439,144	618,452	582,410					1,640,006
Private Donation								0
Enterprise Bonds								0
General Bonds				14,121,967	32,353,638		9,898,985	56,374,590
Other - Please Specify								0
TOTAL	1,246,537	1,305,059	582,410	21,965,967	40,197,638	0	9,898,985	75,196,596

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: 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?

The Buckingham Elementary School project began in July 2022 with the Feasibility Study. 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.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Completion of the Buckingham construction project will provide current and future students, faculty and Buckingham Elementary parents and community with a complete upgrade to the existing 44-year-old facility.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. 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. As the Feasibility Study has just recently started, projected replacement/renovation school size and the associated cost estimates are very preliminary. Estimated costs for Architectural/Engineering design, Construction Management and Construction Contracts are preliminary; none of these contracts have been negotiated or signed.

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 44-year-old facility with aging structural/mechanical/electrical systems and five portable classrooms utilized for instructional

CIP Project Name: Pocomoke Elementary School - Roof Replacement

Project Director (Name & Title): Vince Tolbert, Chief Financial Officer, Worcester County Public Schools

Phone Number: 410 632-5063

Project Summary and Purpose: Demolish existing and install new built-up roof at Pocomoke Elementary School (52,512 square feet). Existing roof at Pocomoke Elementary School is 29-years-old.

Project Location: Pocomoke Elementary School, 2119 Pocomoke Beltway, Pocomoke, MD. 21851

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: State School Construction funding will be provided through the Interagency Commission on School Construction (IAC) for both design and construction.

Is there a Federal or State mandate related to this project? If so, please elaborate: No.

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? We anticipate decreased utility costs at Pocomoke Elementary School following completion of the project due to an improvement of the building envelope insulation characteristics. Ongoing maintenance has increased over recent years to address roof deficiencies; the maintenance requirements will be mitigated following installation of the new roof.

What is the useful life of the asset/project? 30-40 years.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design		100,000						100,000
Land Acquisition								0
Site Work								0
Construction			1,998,000					1,998,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	0	100,000	1,998,000	0	0	0	0	2,098,000

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match		50,000	952,000					1,002,000
State Loan								0
Assigned Funds		50,000	1,046,000					1,096,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	0	100,000	1,998,000	0	0	0	0	2,098,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: 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?

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 as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

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 (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. 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 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 roof replacement project at Worcester Technical High 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 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).

CIP Project Name: New Central Office Building

Project Director (Name & Title): Vince Tolbert, Chief Financial Officer, Worcester County Public Schools

Phone Number: 410 632-5063

Project Summary and Purpose: Worcester County Public Schools' Central Office operations are currently located in the old Worcester High School. This building was constructed in 1952. There have been no major renovation or addition projects to the building. The existing and original building systems, including water, sewer, electrical and mechanical, have surpassed their expected life. The building will require major systemic upgrades over the next few years in order for the building to remain a viable space for Central Office operations. This project is a preliminary evaluation of required space requirements for a future new Central office facility and the associated costs.

Project Location: Worcester County Schools Central Office, 6270 Worcester Highway, Newark, MD. 21841

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: There are no grants available at this time.

Is there a Federal or State mandate related to this project? If so, please elaborate: No.

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? Without the construction of a new Central Office facility, energy and maintenance costs required to maintain the existing 70-year-old Central Office will continue to increase annually. A new Central Office building will provide energy efficiency elements, reducing existing energy costs, and new building systems requiring minimal maintenance costs.

What is the useful life of the asset/project? 50+ years.

Will this project generate revenue? No.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design		773,900	429,946	110,880	190,080			1,504,806
Land Acquisition								0
Site Work								0
Construction				11,609,177	19,901,450			31,510,627
Equipment/Furnishings					752,403			752,403
Other - Please Specify Construction Manager			271,588	410,079	732,850			1,414,517
TOTAL	0	773,900	701,534	12,130,136	21,576,783	0	0	35,182,353

SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds		773,900	701,534					1,475,434
Private Donation								0
Enterprise Bonds								0
General Bonds				12,130,136	21,576,783			33,706,919
Other - Please Specify								0
TOTAL	0	773,900	701,534	12,130,136	21,576,783	0	0	35,182,353

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: New Central Office 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?

WCPS developed a Preliminary Space Study in September 2022. The Space Study calculated existing square footage for each department within Central Office and projected future square foot requirements. The Study differentiated office space requirements from warehouse space requirements. The Study will be provided to the Project Architect as an initial step in developing a more detailed Space Summary for design of the proposed new building.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

Completion of the New Central Office construction project will provide current and future school leadership, instructional, finance, technology, transportation, food services, maintenance and facilities personnel with a complete upgrade to the existing 70-year-old facility to provide support to our 14 schools.

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. 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 over the past twenty years. As this is a brand new CIP project, the required size of the new Central Office facility and the associated cost estimates are very preliminary. The preliminary cost estimate provides unique projected square foot costs for office space and for warehouse space. Estimated costs for Architectural/Engineering design, Construction Management and Construction Contracts are preliminary; none of these contracts have been negotiated or signed.

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 County Capital Improvement Program project. No school construction project is dependent on the completion of 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?

As stated above, the existing WCPS Central Office building is a 70-year-old structure with aging structural/mechanical/electrical systems and has far exceeded its life expectancy with no major building or systemic upgrades. Maintenance and repair costs will only increase as the building systems continue to age.

CIP Project Name: Worcester Technical High School - Roof Replacement

Project Director (Name & Title): Vince Tolbert, Chief Financial Officer, Worcester County Public Schools

Phone Number: 410 632-5063

Project Summary and Purpose: Demolish existing roof and install new roof at Worcester Technical High School. The existing shingle roof at Worcester Technical High School will be 20-years-old when this project is scheduled to be executed in summer 2027.

Project Location: Worcester Technical High School, 5290 Worcester Highway, Newark, MD 21841

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: State School Construction funding will be provided through the Interagency Commission on School Construction (IAC) for both design and construction.

Is there a Federal or State mandate related to this project? If so, please elaborate: No.

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? We anticipate decreased utility costs at Worcester Technical High School following completion of the project due to an improvement of the building envelope insulation characteristics. Ongoing maintenance has increased over recent years to address roof deficiencies; the maintenance requirements will be mitigated following installation of the new roof.

What is the useful life of the asset/project? 30-40 years.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design				207,000				207,000
Land Acquisition								0
Site Work								0
Construction					5,328,000			5,328,000
Equipment/Furnishings								0
Other - Please Specify								0
TOTAL	0	0	0	207,000	5,328,000	0	0	5,535,000

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match				103,500	2,586,500			2,690,000
State Loan								0
Assigned Funds				103,500	2,741,500			2,845,000
Private Donation								0
Enterprise Bonds								0
General Bonds								0
Other - Please Specify								0
TOTAL	0	0	0	207,000	5,328,000	0	0	5,535,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: Worcester Technical High 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?

Preliminary scope is to replace the shingle system roof at Worcester Technical High School with a metal roof system (the original design intent roofing system for the school). Due to ongoing roof issues, WCPS requested and received a Limited Building Enclosure Evaluation for WTHS in January 2022 from an independent roofing manufacturer. The Evaluation identified deterioration of sheathing due to air space limitations, insufficient ventilation throughout the roof system and valley flashing issues. The Evaluation recommended short-term and long term solutions to the roof issues, including replacement of the roof system.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

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 (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. 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 Worcester Technical High School roof replacement project request timing is a new project for both the Board of Education and County Capital Improvement Programs. As both the Board of Education and County CIP's progress into the late 2020's, WCPS will continue to identify and include new systemic projects in 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?

As stated above, the Worcester Technical High School shingle roof system continues to deteriorate over time.

CIP Project Name: Snow Hill Elementary Replacement School

Project Director (Name & Title): Vince Tolbert, Chief Financial Officer, Worcester County Public Schools

Phone Number: 410 632-5063

Project Summary and Purpose: A Feasibility Study for the Snow Hill Elementary School project is scheduled to begin in July 2026. The Study will document existing building, site and instructional deficiencies at Snow Hill Elementary School and will provide options to address those deficiencies (Replacement School on site, Replacement School off-site or Renovation/Addition to existing school). The Study is scheduled to be complete and presented to the Worcester County Board of Education in December 2026, to the State Interagency Commission on School Construction (IAC) in December 2026 and to the Worcester County Commissioners in March 2027.

Project Location: Snow Hill Elementary School, 515 Coulbourne Lane, Snow Hill, MD. 21863

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?: State school construction funding will be requested through the Interagency Commission on School Construction (IAC). Based on preliminary school size and cost estimates for construction scheduled to begin in 2030, the current State funding allocation for the project is \$18,123,000.

Is there a Federal or State mandate related to this project? If so, please elaborate: No.

Are there impacts to the General Fund operating expenditures such as personnel or utilities & maintenance? Either through a Replacement School of a Renovation/Addition project, the Snow Hill Elementary project will provide more square footage than the existing 40,500 square feet. However, with energy efficiency elements included in the future design and new building systems requiring minimal maintenance costs, impact on general funds is not expected to rise significantly.

What is the useful life of the asset/project? 30-50 years.

Will this project generate revenue? No.

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
EXPENDITURES								
Engineering/Design				150,000	1,525,700		770,218	2,445,918
Land Acquisition								0
Site Work								0
Construction							48,312,975	48,312,975
Equipment/Furnishings							2,415,650	2,415,650
Other - Construction Manager, Commissioning							3,197,182	3,197,182
TOTAL	0	0	0	150,000	1,525,700	0	54,696,025	56,371,725

SOURCES OF FUNDS	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
General Fund								0
User Fees								0
Grant Funds								0
State Match					1,222,959		16,900,041	18,123,000
State Loan								0
Assigned Funds				150,000				150,000
Private Donation					302,741			302,741
Enterprise Bonds								0
General Bonds							37,795,984	37,795,984
Other - Please Specify								0
TOTAL	0	0	0	150,000	1,525,700	0	54,696,025	56,371,725

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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CIP Project Name: 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?

The Snow Hill Elementary School project will begin in July 2026 with the Feasibility Study. 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.

County benefit.

How do the citizens and the County benefit from the project? Does it benefit the County as a whole or is the benefit targeted to a smaller area or population? What are the negative impacts to not funding or delaying this project?

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

Cost estimate (Must Be Provided).

How was the cost estimate developed? Was a consultant used or a scope study? Is it an engineers estimate? Is it a square foot estimate? Is it based on similar projects? Provide quotes/estimates. For your project to be considered for the CIP, backup documentation must be provided. 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. As the Feasibility Study is four years from starting, projected replacement/renovation school size and the associated cost estimates are very preliminary.

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 43-year-old facility, which will be 51-years-old when construction is scheduled to begin in 2030, 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 Learning Commons Building

Project Director (Name & Title): Jennifer Sandt, Vice President for Administrative Services

Phone Number: 410-334-2911

Project Summary and Purpose:

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. 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.

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

Are there any grant funds available? If so, through what agency? What is the grant deadline? How much funding will you be requesting through the grant?

Is there a Federal or State mandate related to this project? If so, please elaborate: Yes.

Are there impacts to the General Fund Operating expenditures such as personnel or utilities & maintenance? NA

What is the useful life of the asset/project? 50 years

Will this project generate revenue? No

	FY 24	FY 25	FY 26	FY 27	FY 28	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design			148,732					148,732
Land Acquisition								0
Site Work								0
Construction				2,436,380				2,436,380
Equipment/Furnishings					106,237			106,237
Other								0
EXPENDITURES								
TOTAL	0	0	148,732	2,436,380	106,237	0	0	2,691,349

SOURCES OF FUNDS								
General Fund								0
User Fees								0
Grant Funds								0
State Match								0
State Loan								0
Assigned Funds			148,732	2,436,380	106,237			2,691,349
Private Donation								0
Enterprise Bonds								0
General Bonds								0
								0
								0
TOTAL	0	0	148,732	2,436,380	106,237	0	0	2,691,349

PROJECTED OPERATING IMPACTS	0	0	0	0	0			0
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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?

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.

RESOLUTION NO. 23-01

**Resolution Adopting the Worcester County
Five-Year Capital Improvement Plan – FY 2024 to FY 2028**

Recitals:

- A. The County Commissioners of Worcester County, Maryland have determined that certain Capital Projects should be constructed from July 1, 2023 to June 30, 2028 to promote the health, safety, and welfare of the citizens of Worcester County and to provide adequate public facilities for the citizens of Worcester County; and
- B. The Worcester County Commissioners held a public hearing on January 10, 2023 to receive public comment on the Capital Projects proposed for construction in the Worcester County Five-Year Capital Improvement Plan–FY 2024 to FY 2028 (“Plan”).

Now, Therefore, Be It Resolved by the County Commissioners of Worcester County, Maryland that the attached Worcester County Five-Year Capital Improvement Plan – FY 2024 to FY 2028 is adopted.

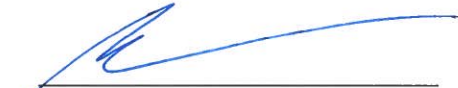
And Be It Further Resolved by the County Commissioners of Worcester County, Maryland that funding for the projects identified in the Plan may be provided from annual tax levies, issuance of public debt, use of reserve funds, or other sources as the County Commissioners may determine.

And Be It Further Resolved that the County Commissioners of Worcester County, Maryland may, as deemed to be in the best interest of the County, amend the Capital Improvement Plan by the adding or deleting projects.

And Be It Further Resolved that this Resolution shall be effective immediately upon its passage.

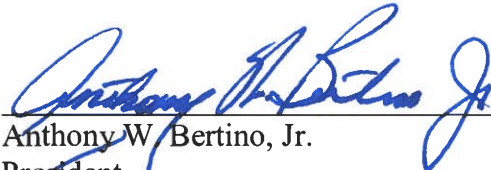
Passed and Adopted this 10th day of January, 2023.

Attest:




Weston S. Young
Chief Administrative Officer


Worcester County Commissioners




Anthony W. Bertino, Jr.
President



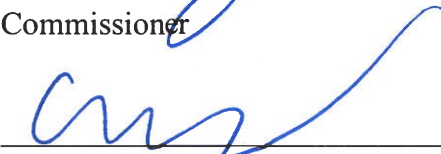
Madison J. Bunting, Jr.
Vice President



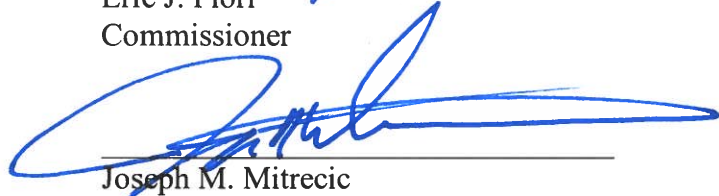
Caryn G. Abbott
Commissioner




Theodore J. Elder
Commissioner



Eric J. Fiori
Commissioner



Joseph M. Mitrecic
Commissioner



Diana Purnell
Commissioner