

FY 2025 Capital Improvement Program

*Fourth presentation to the
Board of Education*

- August 24, 2023*
- September 11, 2023*
- September 18, 2023*
- October 16, 2023*



Background and Overview

Capital budget approval timeline

- State submission – October
- County submission – January

Review capital needs only funded by the County

- Overview of local funding
- FY 2025 County CIP Needs

FY 2025 State Eligible Request

Project	State CIP Request	Healthy School Grant Request	Local Match	Total FY25 State Eligible Request	Total Estimated Project Cost
Homestead Wakefield ES Replacement	\$0	N/A	\$23,125,000	\$23,125,000	\$88,168,000
Harford Tech HS Limited Renovation	\$11,187,000	N/A	\$6,624,087	\$17,811,087	\$75,271,087
Aberdeen MS HVAC	\$10,679,800	N/A	\$6,407,475	\$17,087,275	\$34,174,275
North Harford HS Energy Recovery Units	\$2,044,000	N/A	\$0	\$2,044,000	\$3,244,000
Harford Academy ¹	LP	N/A	\$0	\$0	\$147,950,000
C. Milton Wright HS Limited Renovation ¹	LP	N/A	\$7,000,000	\$7,000,000	\$86,101,400
Prospect Mill ES Roof	\$0	\$2,254,560	\$1,441,440	\$3,696,000	\$3,696,000
Total	\$23,910,800	\$2,254,560	\$44,598,002	\$70,763,362	\$438,604,762

¹ Total estimated project cost is a budget estimate based on bid results of recent similar projects, cost per square foot averages, and 4% annual inflation rate. For projects in the planning and design phase, the budget is subject to change due to market conditions at the time of bid.

Major County Funding Sources for HCPS CIP

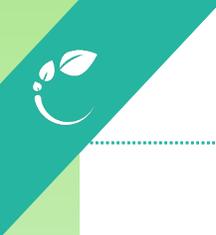
Obligation Bonds— are also known as full faith and credit bonds, and their quality and payment is based on the general credit and taxing power of the County.

- New, replacement, and renovation projects
- Major HVAC
- 15+ year life expectancy



Pay-As-You-Go (Paygo) - the practice of financing expenditures with funds that are currently available rather than borrowed.

- General repair and replacement
- Fleet management and bus replacement
- Technology infrastructure
- Facility maintenance



Local Only Needs

(Page 1 of 5)

BOE Approval
December 2023

County submission
with operating

Project	Request
Blueprint Facility Upgrades	
Full Day PreK Expansion	\$600,000
1. Edgewood Elementary - Add a bathroom to a classroom and modify a computer lab for SE offices and pullout services	\$300,000
2. Church Creek - divide room to combine health suite and counseling offices	\$300,000
Educational Facility Program	
Special Ed Facility Improvements	\$400,000
1. Fencing	\$200,000
2. Facility maintenance	\$200,000
CTE Facility Upgrades	TBD
1. Bring CTE classrooms up to current industry standards	TBD
Textbook/Supplemental Refresh	\$1,000,000
1. Funds Used for All Facilities	\$1,000,000
Music Equipment Refresh	\$75,000
1. Funds Used for All Facilities	\$75,000
Band Uniform Refresh	\$155,000
1. NHHS Band Uniforms	\$90,000
2. NHHS Choir robes	\$65,000
Equipment & Furniture Replacement	\$500,000
1. Funds Used for All Facilities	\$500,000

TBD – To be determined; full scope and estimate in development



Local Only Needs

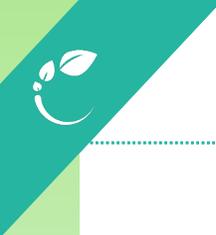
(Page 2 of 5)

BOE Approval
December 2023

County submission
with operating

Project	Request
Life, Health, Safety and Compliance Measures	
Emergency Systems & Communications	TBD
1. Upgrade fire alarm systems Hickory Elementary and Harford Glen	TBD
Environmental Compliance	
1. Abatement of environmental hazard in schools	TBD
Adequate Health Suite	TBD
1. William S. James - Main office reconfiguration - free up classrooms	\$425,000
2. Darlington ES - Update existing faculty lounge into health suite	TBD
Security Measures	\$872,000
1. Camera Refresh - 407 outdated cameras replaced at 14 locations	\$814,000
2. Camera project- CCTV AC at Magnolia Elementary School	\$38,000
3. Alarm System - Install ethernet communicator control boards at each school	\$20,000
Domestic Water & Backflow Prevention	\$60,000
1. North Harford Elementary School - Install Backflow Prevention	\$60,000
Technology Infrastructure	
Technology Refresh	\$6,240,000
1. Communication Systems - Phone and PA Systems for 12 schools	\$910,000
2. Aging Technology Systems	\$5,330,000
Relocatables	
Relocatables	\$3,400,000
1. Add a portable for PreK 1/2 day to full day PMES & CCES	\$400,000
2. Add a portable for community school MAES, BFES, GLES	\$600,000
3. Add a portable for general Capacity MAES, BFES, RFES, PMES, GLES, HIES, RPES, EMES, HGES	\$2,400,000

TBD – To be determined; full scope and estimate in development



Local Only Needs

(Page 3 of 5)

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Project	Request
Fleet Replacement	
Replacement Special Needs Buses	\$940,000
1. 5 Special needs buses due for replacement in FY2025	\$790,000
1. 1 training bus due for replacement in FY2025	\$150,000
Vehicles and Equipment	TBD
1. Replace the HCPS aging non-bus fleet	TBD
2. Facilities Tractors and equipment	\$600,000
3. Business Services	TBD
HCPS Site Improvements	
Stormwater Mgt, Erosion, Sediment Control	\$150,000
1. Design projects identified with inspections (PMM/H, BAHS, HIES, JVES, NBES)	\$150,000
2. Annual Maintenance and Inspection	\$275,000
Septic Facility Code Upgrades	\$75,000
1. Funds Used for All Facilities w/Septic Syst. - Fallston maintenance measures	\$75,000
Paving - Overlay and Maintenance	TBD
1. George D. Lisby ES	TBD
2. Dublin ES	TBD
3. Havre de Grace ES parking and pedestrian	\$60,500
Fencing	\$100,000
1. Repair, replacement, and new fencing for site safety and security.	\$100,000

TBD – To be determined; full scope and estimate in development



Local Only Needs

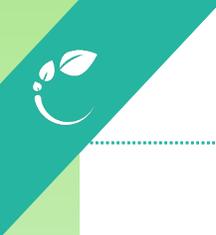
(Page 4 of 5)

BOE Approval
December 2023

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Project	Request
HCPs Facilities Master Planning	
Facility Planning	\$600,000
1. Scope study Havre de Grace ES, Magnolia ES, and Harford Academy existing building reuse	\$600,000
Athletic and Recreation Repairs and Improvements	
Outdoor Track Reconditioning	\$1,100,000
1. Replace track at Havre de Grace High School	\$500,000
2. Replace Track at C. Milton Wright HS	\$500,000
3. 5 year maintenance (PMHS, EDHS)	\$100,000
Athletic Fields Repair & Restoration	\$200,000
1. Maintain Athletic Fields	\$50,000
2. Maintenance for stadium & practice fields	\$20,000
3. Repair & Replacement of Fencing	\$30,000
4. Score Boards Repair and replacement	\$100,000
Swimming Pool Renovations	\$624,000
1. Complete all Phase 1 repairs as identified by 3rd party evaluation Phase 1 items are considered immediate life, safety and welfare needs.	\$624,000
Playground Equipment	\$500,000
1. Out of service Equipment	\$500,000
Middle School Sports	\$123,000
1. Patterson Mill Middle School replace backboards	\$34,000
2. Patterson Mill Middle School add bleachers	\$31,000
3. Add Volleyball sleeves at 7 middle schools	\$58,000

TBD – To be determined; full scope and estimate in development



Local Only Needs

(Page 5 of 5)

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December 2023

County submission
with operating

Project	Request
Major HVAC Repairs	
Major HVAC Repairs	TBD
1. Upgrade School ventilation based on ASHRAE and CDC COVID-19 recommendations Phase 1	\$900,000
2. Fountain Green Elementary School - Central plant upgrades (pumps, compressors, & Pneumatic controls)	TBD
3. Hickory Elementary - Boiler pumps and controls and Annex building Air Handler	TBD
4. Central Office Boiler, chiller, HVAC	TBD
5. Edgewood MS Central Plant	TBD
HCPS Facility Repair Program	
ADA Improvements	\$350,000
1. Edgewood Middle School - Restroom and fountains	\$100,000
2. Fallston High School - Elevator Replacement	\$250,000
Building Envelope Improvements	\$200,000
1. Southampton Middle School - Masonry point up project and waterproofing	\$200,000
Floor Covering Replacement	\$150,000
1. Fountain Green Elementary School (Gym and Activity Room)	\$150,000
Folding Partition Replacement	\$150,000
1. Southampton Middle School (Gym & Activity Room)	\$150,000
Bleacher Replacement	\$100,000
1. Fallston MS	\$100,000
Locker Replacement	\$150,000
1. Bel Air MS - Lockers	\$150,000
HCPS Local Major Capital Project	
Central Office Modifications	TBD
Harford Glen Truss Bridge Removal	\$125,000
HWES - Town of Bel Air Emergency Access Road	TBD

TBD – To be determined; full scope and estimate in development



Deferred Major Capital Projects

MAJOR PROJECTS	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
	23-24	24-25	25-26	26-27	27-28	28-29	29-30	30-31	31-32
Homestead/Wakefield ES Replacement School (SRC= 1100)	C	C	O						
New Combination Harford Academy & Elementary School (Harford Academy SRC = 200) (Elementary School SRC = 700)	P	Delayed	C	C	O				
Old Post ES Replacement School (SRC = 1154)			P	C	C	O			
Bel Air Middle School Addition/Modernization or Replacement Pending Scope Study					P	C	C	O	
See Facility Needs Summary							P	C	C

Key

- Planning - Local Funding
- Construction - State and Local Funding
- Occupancy - No Funding

SRC - State Rated Capacity

Updated in 2023 EFMP

Paving and pedestrian walkways
- Havre de Grace ED - Fallston MS - Emmorton ES - Swan Creek - Churchville ES - Old Post Road
Roofs
- North Harford High School - Halls Cross Roads Elementary School - William S James Elementary School - Norrisville Elementary School
Music
- Band and Choir Uniforms (1 HS a Year) - Music technology Labs BAHS, EDHS, and FAHS
Pools
- Phase 2 (\$1,471,000) - Phase 3 (\$809,000)
Air scrubbers (CDC Recommendation) Phase 2
- North Harford ES - Dublin ES - Swan Creek - Bel Air ES - Old Post ES
Domestic Water and backflow
- North Harford ES - Halls Cross Roads ES - Forest Hill ES - Meadowvale Elementary - Edgewood Elementary - Harford Glen - Hickory Elementary - Homestead Elementary

New Parking
- Riverside ES - Bakerfield ES - Southampton MS - High School student parking lots
Bleacher
- Ring Factory Elementary School - North Bend Elementary School - Abingdon Elementary School - Fountain Green Elementary School
Roofs
- North Harford High School - Halls Cross Roads Elementary School - William S James Elementary School - Norrisville Elementary School
Building Envelope (Masonry, Doors, Windows etc.)
- Edgewood Middle School - Fallston High - Jarrettsville Elementary School - Bel Air Middle School - Meadowvale
Lockers
- Bel Air Middle School - Southampton Middle School - North Harford Middle School - Swan Creek
ADA Improvements
- North Harford Middle School - Fountains - Magnolia Middle School - Elevator - Prospect Mill Elementary School - Fountains and restroom - Jarrettsville Elementary School - Fountains and restroom - Roye Williams - Restroom

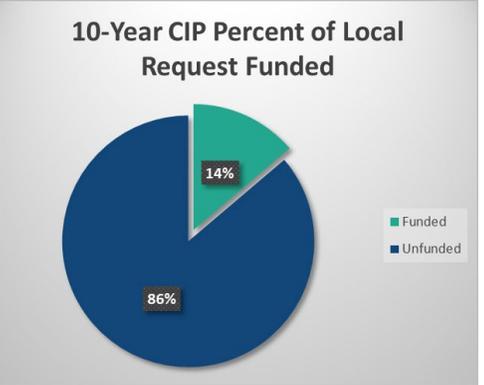
Folding Partitions
- Southampton Middle School (Gym & Activity Room) - Old Post Elementary School (Gym/Cafeteria Room) - Magnolia Elementary School (Gym/Cafeteria) - Bel Air Elementary - Gym Cafeteria folding wall partition - William S James Elementary School (Gym/Cafeteria)
Floor Covering
- Fountain Green Elementary School - Gym floor - Hickory ES carpet - Church Creek Elementary School - Carpet and Gym Floor - William S James Elementary School - Carpet
Stormwater
- Construction Funding (NHMS & FLES) - Construction Funding (BAHS, HIES, JVES, NBES)
Outdoor Tracks
- 10 Yr. replacement to match P&R Turf field program - Currently out of alignment with turf replacements
Septic Facility Code Upgrades
- Required equipment to maintain compliance
Playground Equipment
- Individual Playground equipment (slides etc.) - Playground replacement
Furniture at Schools
- Refresh most worn and broken furniture in the system
CTE Equipment Refresh
- High School CTE Classrooms - Middle School Project Lead the way
Technology
- Devices on a 4 year replacement cycle - Servers on a 5 year cycle - Classroom technology update phased over 3 years
Fleet
- 10 year buses - White Fleet (Facility trucks, staff cars) - Facilities Tractors and equipment - Warehouse equipment

Systemic HVAC, Electrical, Etc.
- Fountain Green ES - Havre de Grace ES - Magnolia ES - Meadowvale ES - Edgewood ES - Church Creek ES - Edgewood MS - Halls Crossroads - Bakerfield Elementary - Southampton MS - Hickory Annex - Fallston MS - A.A. Roberty Building - Churchville - Aberdeen HS - Emmorton ES - Forest Lakes ES
Identified Needs Deferred
Legend
Priorities by School
Maintenance and replacement
Potential for State contribution
10



Funding History

CAPITAL IMPROVEMENT PROGRAM - General Categories Approved Budgets											
Category	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
ADA Improvements and Survey	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Athletic Fields Repair & Restoration	\$70,000	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$337,000
Backflow Prevention	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Band Uniform Refresh	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Bleacher Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Blueprint PK	N/A	\$200,000									
Blueprint Community Schools	N/A	\$0									
Building Envelope Improvements	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Career & Tech. Ed. Equipment Refresh	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,066,000	\$0
Compliance with Maryland Lead Water Testing Standards	N/A	\$2,711,000	\$0								
Energy Conservation Measures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Environmental Compliance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment & Furniture Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fire Alarm & ER Communications	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$530,000	\$1,737,000	\$648,735	\$0
Floor Covering Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Folding Partition Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Healthy Schools Local Match	N/A	\$1,200,000									
Locker Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Major HVAC Repairs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000
Music Equipment Refresh	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Music Technology Labs	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0
Outdoor Track Reconditioning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$337,000
Paving - New Parking Areas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Paving - Overlay and Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Planning/Scope Study Major Capital Projects	N/A	\$670,000	\$200,000	\$200,000	\$0						
Playground Equipment	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Relocatable Classrooms	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$900,000	\$0
Replacement Buses	\$1,226,000	\$0	\$0	\$1,000,000	\$250,000	\$250,000	\$1,296,000	\$1,542,000	\$1,102,000	\$3,455,000	\$450,000
Replacement Vehicles	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Security Measures	\$640,000	\$0	\$0	\$0	\$0	\$325,000	\$421,600	\$0	\$0	\$0	\$0
Senate Bill 528 Climate Solutions NOW Act Consultant	N/A	\$0									
Septic Facility Code Upgrades	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Special Ed. Facility Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,131,000	\$800,000	\$1,319,000	\$2,400,000
Storm Water Management	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0
Swimming Pool Renovations	\$0	\$0	\$0	\$0	\$353,000	\$300,000	\$705,000	\$0	\$0	\$0	\$0
Technology Education Lab Refresh	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Technology Infrastructure	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$500,000	\$1,000,000	\$260,000	\$3,600,000	\$692,000
Textbook/Supplemental Refresh	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous Local only large project	\$2,515,000	\$800,000	\$500,000	\$0	\$830,000	\$0	\$0	\$0	\$0	\$0	\$0
Locally Funded Total	\$5,301,000	\$800,000	\$750,000	\$1,000,000	\$2,533,000	\$1,975,000	\$3,022,600	\$4,873,000	\$4,599,000	\$14,899,735	\$7,616,000
Requested (Local Only Projects)	\$16,386,120	\$38,081,050	\$32,742,000	\$11,559,000	\$28,912,716	\$34,474,858	\$32,845,478	\$41,498,000	\$35,034,000	\$30,700,265	\$37,836,600
Percent of request funded	32%	2%	2%	9%	9%	6%	9%	12%	13%	49%	20%

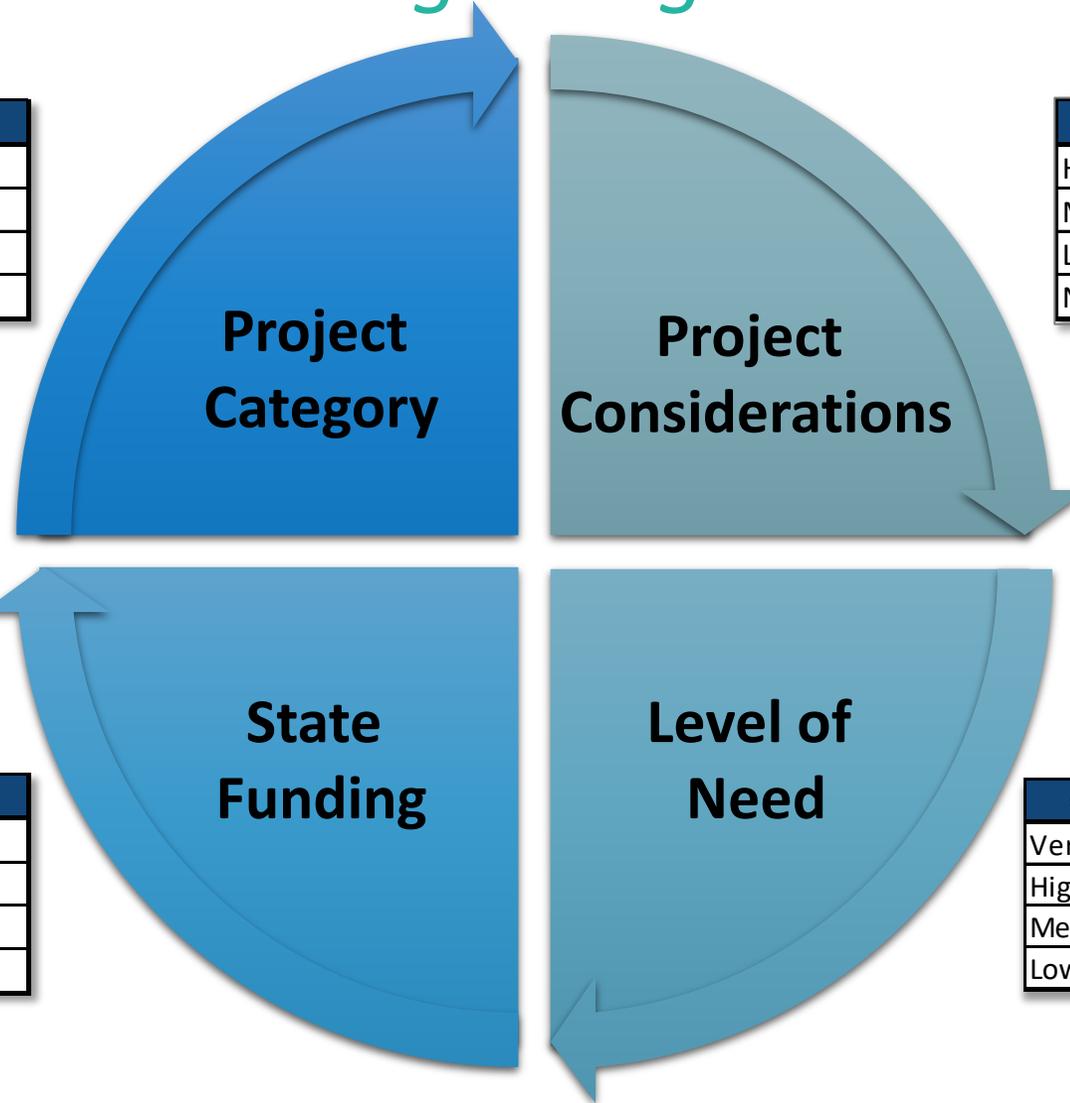




Prioritizing CIP Needs

Scoring Categories

Grade	Category	Score
High	Compliance Requirement	3
Medium	Facility Requirement	2
Medium	Essential Academic	2
Low	General Replacement	1



Grade	Potential Impact	Score
High	1-2 years	3
Medium	3-4 years	2
Low	5 or more years	1
N/A	No potential for impact	0

- Program Impact
- Safe and Secure environment
- Facility Impact
- State Rated Capacity
- Regulatory Compliance
- Fiscal Constraints

Grade	State Funding Status	Score
High	Partial funding received	3
Medium	High Priority State Funding	2
Low	Other State Funding	1
N/A	Not Eligible	0

Grade	Level of Need	Score
Very High	Currently Critical	4
High	Potentially Critical	3
Medium	Necessary	2
Low	Recommended	1



Prioritizing CIP Needs

Grouped by level of need



Prioritized within the grouping by the final calculated score

Level of Need	Description
4	Currently Critical
3	Potentially Critical
2	Necessary
1	Recommended

Level of Need	Total Score
4	22
4	21
4	16
4	15
3	18
3	14
3	13
2	17
2	10
2	8
1	19
1	15
1	11

HARFORD COUNTY PUBLIC SCHOOLS
FISCAL YEAR XXXX CAPITAL IMPROVEMENT PROGRAM NEEDS

BOARD OF EDUCATION DECISION MATRIX

PROJECT	Priority	Eligible for State Funding	PROJECT CATEGORY SCORE	PROJECT CONSIDERATIONS								TOTAL SCORE	FYXXXX CIP PROPOSED REQUEST		
				Program Impact	Safe & Secure Environment	Facility Impact	State Rated Capacity Impact	Regulatory Compliance	Fiscal Constraints	State Eligibility	Level of Need		STATE REQUEST	LOCAL REQUEST	TOTAL FY XXXX CAPITAL FUNDING REQUEST
Sample Need A	1														
Sample Need B	2														
Sample Need C	3														
Sample Need D	4														
Sample Need E	5														
Sample Need F	6														
Sample Need G	7														
Sample Need H	8														

Next Steps

- Finalize budgets
- Score and prioritize the needs
- November 13, 2023 - Present priorities and final budgets
- December 4, 2023 - BOE approval of the FY 2025 local CIP request
- Submission to County with the operating budget

Questions and Discussion

