



IAC MEETING AGENDA

Thursday, September 8, 2022

Virtual Meeting
9:00 a.m.

Live and archived streams of IAC meetings are available at <https://mdschoolconstruction.org>
Please visit <https://mdschoolconstruction.org> to sign up for public comment.

Introduction

- Meeting called to order
- Roll Call
- Revisions to the Agenda
- Public Comment

		Presenter	Page
1	Consent Agenda A. Approval of August 11, 2022 Minutes B. Contract Awards C. Approval of Revisions to Previously Approved Contracts D. Project Closeouts E. Anne Arundel County Site Approval - Old Mill Complex Approval for CAT North F. Approval of Property Transfer - Baltimore City - 30.074 George W. F. McMechen Special Ed High School #177 G. Carroll County - Charles Carroll ES Renovation - LP Approval Rescision Informational H. Built to Learn Act Project Status Report	Alex Donahue, Acting Executive Director	2* 5* 73* 74* 81* 83* 84* 86
2	Adoption of IAC FY 2022 Annual Report	Hannah Sturm, Communications Coordinator and Cassandra Viscarra, Deputy Director for Administration	88*
3	Adoption of Final 14.39.02.05 COMAR Revisions	Jonathan Borghetti, Policy Analyst and Cassandra Viscarra, Deputy Director for Administration	138*
4	FY 2023 Healthy School Facility Fund Approval of Project Applications	Arabia Davis, Funding Programs Manager and Gene Shanholtz, Regional Facilities Manager (RFM)	140*
5	Dorchester County Amendment to FY 2023 Capital Improvement Program	Arabia Davis, Funding Programs Mngr and Rodney Dionisio, RFM	159*
6	Adoption of FY 2022 Annual Maintenance Report	Alex Donahue, Acting Executive Director, Scott Snyder, Assessment and Maintenance Group Manager, and Brooke Finneran, Maintenance Administrative Officer	164*
7	Extension of FY 2021 SSGP Application Period	Arabia Davis, Funding Programs Mngr	365*
8	Pass-Through Grant Funding Approval	Arabia Davis, Funding Programs Mngr	367*
9	Executive Session: Real Property Acquisition, §3-305(b)(3) of the General Provisions Article of the Anno. Code of MD.		

Announcements

DRAFT Meeting Minutes – August 11, 2022

Call to Order:

Chair Kasemeyer called the video-conference meeting of the Interagency Commission on School Construction to order at 9:03 a.m.

Members in Attendance:

Edward Kasemeyer, Appointee of the President of the Senate, Chair
Superintendent Mohammed Choudhury, Maryland State Department of Education
Courtney League, Designee for Secretary Ellington Churchill, Department of General Services, Vice-chair
Brian Gibbons, Appointee of the Speaker of the House
Gloria Lawlah, Appointee of the President of the Senate
Michael Bayer, Designee for Secretary Robert S. McCord, Maryland Department of Planning

Members Not in Attendance:

Linda Eberhart, Appointee of the Speaker of the House
Michael Darenberg, Appointee of the Governor
Dick Lombardo, Appointee of the Governor

Revisions to the Agenda:

There were no revisions to the agenda.

Public Comment:

There was no public comment.

IAC Correspondence:

There was no IAC correspondence.

1. Consent Agenda – [Motion Carried]

Upon a motion by Ms. Lawlah, seconded by Mr. Gibbons, the IAC voted unanimously to approve the consent agenda.

A. Approval of the July 14, 2022 Minutes

To approve the minutes of the July 14, 2022 Interagency Commission on School Construction Meeting.

B. Summary of Contract Awards

To approve contract procurement as presented.

C. Approval of Revisions to Previously Approved Contracts

To approve revisions to two previously approved contract awards to accurately reflect the correct allocation amount and reversion for the Gaithersburg Elementary School #8 new construction contract and to correct the contractor name for the Choptank Elementary School roof/HVAC materials contract.

D. Project Closeouts

To approve the final State project costs as presented and to remove the projects from the active project detailed financial report.

E. Harford County Homestead-Wakefield Elementary School CIP/BTL Computation Worksheet Revision

To approve the revision of the Capital Improvement Program/Built to Learn computation worksheet for the FY 2023 Homestead/Wakefield Elementary School Replacement Project (PSC#12.022.22LP/C).

F. Wicomico County Mardela Middle High School CIP/BTL Computation Worksheet Revision

To approve the revision of the Capital Improvement Program/Built to Learn computation worksheet for the FY 2023 Mardela Middle High School project (PSC#22.018.22/23LP/C).

G. Baltimore County Request to Rescind FY21 Local Planning Approval for Bedford Elementary School Replacement

To approve the rescission of Baltimore County Public Schools (BCPS) FY 2021 Local Planning approval for the Bedford Elementary School Replacement project (#03.089.21LP).

H. Informational Facility Status Changes – [Informational Only]

I. Built to Learn Act Project Status Report – [Informational Only]

2. COMAR Revisions – [Motion Carried]

Cassandra Viscarra, IAC Deputy Director for Administration, presented the proposed revisions to COMAR 14.39.02.06, which were designed to comply with HB 1290's changes to calculating the maximum State construction allocation.

Upon a motion by Ms. Lawlah, seconded by Mr. Bayer, the IAC voted unanimously to approve amendments to COMAR 14.39.02.06 as presented in this item and to authorize staff to make additional technical edits as necessary. The proposed COMAR revisions will be published in the Maryland Register and will be open for public comment for a period of at least 30 days before returning to the IAC for final approval.

3. Pass-Through Grant Administrative Procedures Guide Revisions – [Motion Carried]

Ms. Viscarra presented revisions to the Pass-Through Grant (PTG) Administrative Procedures Guide to clarify that PTG funding can be combined with other funding sources, applied to projects that have already been approved by the IAC, and that PTG funds cannot replace the local share of projects.

Upon a motion by Superintendent Choudhury, seconded by Mr. Gibbons, the IAC voted unanimously to approve revisions to the Pass-Through Grant Administrative Procedures Guide to provide clarification on eligible projects.

4. Healthy School Facility Fund Administrative Procedures Guide Revisions - [Motion Carried]

Arabia Davis, IAC Funding Programs Manager, presented revisions to the Healthy School Facility Fund Administrative Procedures Guide to clarify that heating, ventilation, and air conditioning projects in

gymnasiums and auditoriums are ineligible projects. Other projects such as roofs, indoor air quality, and lead remediation are eligible projects in those areas.

Upon a motion by Ms. Lawlah, seconded by Mr. League, the IAC voted unanimously to approve the revisions to the Healthy School Facility Fund Administrative Procedures Guide to provide clarification on ineligible gymnasium and auditorium heating, ventilation, and air conditioning related projects.

Announcements:

None

Adjournment:

Upon a motion by Superintendent Choudhury, with a second by Ms. Lawlah, the IAC voted unanimously to adjourn the meeting at 9:12 a.m.

DRAFT



Item 1B. Summary Of Contract Awards

Motion:

To approve contract procurement as noted below.

The IAC staff has reviewed the contract procurement for the following State approved projects and recommends IAC approval.

	<u>Bid Opening</u>	<u>Total Contract</u>	<u>State Funds</u>	<u>Local Funds</u>
<u>Anne Arundel County</u>				
1.	Brock Bridge ES PSC #02.093.23 C K-Addition - Addition of 6 early childhood classrooms Mullan Construction Company	05/11/2021	\$3,653,521 \$3,653,521	\$1,811,761 \$1,841,760
2.	Brock Bridge ES PSC #02.093.23 C K-Addition - Raceway Installation Electrical Automation Services	01/20/2021	\$67,100 \$67,100	\$33,550 \$33,550
3.	Brock Bridge ES PSC #02.093.23 C K-Addition - Abestos abatement services Northstar Contracting Group	07/06/2021	\$3,840 \$3,840	\$690 \$3,150
<u>Frederick County</u>				
4.	Ballenger Creek MS PSC #10.041.23 SR Systemic Renovation - Roof Replacement Garland/DBS, Inc	06/29/2022	\$4,753,732 \$4,753,732	\$2,275,000 \$2,478,732
<u>Montgomery County</u>				

		<u>Bid Opening</u>	<u>Total Contract</u>	<u>State Funds</u>	<u>Local Funds</u>
<u>Montgomery County - Cont'd</u>					
5.	Gaithersburg MS PSC #15.068.19SSGP Systemic Renovation - Security Vestibule Plano-Coudon, LLC	03/30/2020	\$278,237 \$278,237	\$278,237	\$0
6.	James Hubert Blake HS PSC #15.226.23 ASP Systemic Renovation - To replace the sound system CTSI - Corbett Technology Solutions, Inc.	05/12/2022	\$207,914 \$207,914	\$207,914	\$0
<u>Washington County</u>					
7.	South Hagerstown HS PSC #21.020.22ASP Systemic Renovation - Bleacher Replacement T.J. Distributors, Inc.	03/25/2022	\$167,100 \$167,100	\$134,904	\$32,196
8.	Claud E. Kitchens Outdoor School at Fairview PSC #21.048.21 SSGP Site Improvements - Security Fencing Long Fence Company	06/13/2022	\$234,800 \$234,800	\$155,000	\$79,800
<u>Baltimore City</u>					
9.	#236 Hamilton PK-8 PSC #30.096.22 HSFF Systemic Renovation - Design fees for roof replacement K Dixon Architecture, Inc.	03/11/2022	\$127,002 \$127,002	\$96,000	\$31,002
Summary Totals					
Total Contracts: 9			\$9,493,246	\$4,993,056	\$4,500,190

APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No. 02.093.23C

Project Name: Brock Bridge ES

Bid Opening: 5/11/21

Project Type: K-Addition

Scope of Work: Addition of 6 early childhood classrooms

Basis for Award of Contract: Base bid plus alts 1,2,3 & 4

Basis of Funding: 50% of eligible base bid + alts 1-4

Local Funds: \$1,841,760

State Funds: \$1,811,761

Total Contract: \$3,653,521

State Contingency for Change Orders: 0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Mullan Construction Company	<u>\$3,653,521</u>
		<u>\$3,653,521</u>

- Notes:** (1) The request is for an addition of 9,505 sf for six (6) early childhood classrooms and corridor
(2) Prevailing wage rates apply to this contract.
(3) All change orders are Local responsibility; change orders are not required to be submitted to the State for review. Final State funding is evaluated at time of project Close-Out.

IAC Approval Date:

21CN-161 BROCK BRIDGE ELEMENTARY SCHOOL KINDERGARTEN ADDITION

BID OPENING

✓ DRAFT COPY FOR REVIEW PUPOSES ONLY *✓*

TUE., 05/11/21 @ 2:00 PM

CONTRACTOR	Rich Mae Ent	Mullan Contracting	Cooper Bldg	North Point Bldg
BASE BID	4,166,134.50	3,550,058.00	3,848,000.00	3,729,000.00
ALTERNATE NO. 1	34,100.00	14,329.00	9,000.00	12,900.00
ALTERNATE NO. 2	25,410.00	10,683.00	49,200.00	9,500.00
ALTERNATE NO. 3	2,057.00	1,272.00	1,500.00	5,200.00
ALTERNATE NO. 4	84,185.75	77,179.00	91,300.00	70,000.00
CONTRACTOR	Ranlaw Constr	Baltimore Contr	Louise Yrpb	ZMEC Group
BASE BID	3,997,000.00	3,918,888.00	3,678,000.00	3,918,560.00
ALTERNATE NO. 1	48,100.00	15,000.00	14,000.00	17,573.00
ALTERNATE NO. 2	7,400.00	11,000.00	24,000.00	14,300.00
ALTERNATE NO. 3	5,300.00	4,000.00	3,000.00	6,500.00
ALTERNATE NO. 4	86,000.00	91,000.00	87,300.00	48,000.00

****I affirm that the contents of the draft bid tab accurately reflect the bid prices as read.****

OPENED BY: VINCENT O'BRIEN *V.O.*

IAC Meeting 09/08/2022

RECORDED BY: JOYCE FERGUSON *JF*

21CN-161 BROCK BRIDGE ELEMENTARY SCHOOL KINDERGARTEN ADDITION

BID OPENING

✓ ****DRAFT COPY FOR REVIEW PUPOSES ONLY****

TUE., 05/11/21 @ 2:00 PM

CONTRACTOR	<i>Mastos Constr</i>	<i>Allstar Welding</i>		
BASE BID	<i>4,230,000.00</i>			
ALTERNATE NO. 1	<i>34,700.00</i>	<i>proposal only</i>		
ALTERNATE NO. 2	<i>23,500.00</i>			
ALTERNATE NO. 3	<i>2,000.00</i>			
ALTERNATE NO. 4	<i>77,900.00</i>			
CONTRACTOR				
BASE BID				
ALTERNATE NO. 1				
ALTERNATE NO. 2				
ALTERNATE NO. 3				
ALTERNATE NO. 4				

****I affirm that the contents of the draft bid tab accurately reflect the bid prices as read.****

OPENED BY: VINCENT O'BRIEN

V.O.

IAC Meeting 09/08/2022

-9-

RECORDED BY: JOYCE *RG* FERGUSON

APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No. 02.093.23C

Project Name: Brock Bridge ES

Bid Opening: 1/20/21

Project Type: K-Addition

Scope of Work: Raceway Installation

Basis for Award of Contract: Quote

Basis of Funding: 50% of eligible quote

Local Funds: \$33,550

State Funds: \$33,550

Total Contract: \$67,100

State Contingency for Change Orders: 0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Electrical Automation Services	<u>\$67,100</u>
		<u>\$67,100</u>

- Notes: (1) Provide & install raceway, conductors & terminations.
(2) Prevailing Wage Rates do not apply to this project.
(3) All change orders are Local responsibility; change orders are not required to be submitted to the State for review. Final State funding is evaluated at time of project Close-Out.

IAC Approval Date:



3410 Mountain Road
Pasadena, MD 21122
(410) 437-3103
FAX (410) 437-3163
www.easicontrols.com

January 20, 2021

PROPOSAL/QUOTATION LCW0153-1

PROJECT:

BROCK BRIDGE E.S.-KINDERGARTEN
ADDITION

ATTENTION:

Mr. Rick Jones

REFERENCE DOCUMENTS:

1. Mechanical Plans M-001 thru 701 by James Posey Associates dated 12/17/20
2. Mechanical Specifications 230900 by James Posey Associates

SCOPE of WORK:

PROVIDE & INSTALL RACEWAY, CONDUCTORS, AND TERMINATIONS FOR THE ABOVE REFERENCED PROJECT LIMITED TO THE FOLLOWING:

TASKS: (1)

1. UV'S(6): Provide and install a Honeywell BACnet Spyder controller, zone temp/humidity sensor, supply air sensor, room differential pressure sensor, supply and exhaust fan stop/start and status relays, electric heat signal, DX cooling signal, mixed air damper actuator signal(actuators furnished w/unit), relief damper actuator and associated control wiring. Provide (1)damper for installation by the mechanical contractor. Provide programming and commissioning.
2. FCU'S(1): Provide and install a Honeywell BACnet Spyder controller, zone sensor, supply air sensor, drain pan sensor, supply fan stop/start and status relays, electric heat signal, DX cooling signal, outside air damper actuator and associated control wiring. Provide (1)damper for installation by the mechanical contractor. Provide programming and commissioning.
3. EF'S ON SCHEDULE(4): Provide and install a stop/start relay, status relay and associated control wiring to closest DDC controller. Provide programming and commissioning.
4. EF'S WITH ROOM SENSOR(2): Provide and install a Honeywell BACnet Spyder controller in Room 012, zone sensor, stop/start relay, status relay and associated control wiring. Provide programming and commissioning.
5. DHW CIRCULATOR PUMP: Provide and install a hot water return temperature sensor, pump stop/start and status relays and associated control wiring to Room 012 DDC controller. Provide (1)well for installation by the mechanical contractor. Provide programming and commissioning.
6. ECUH'S(2) & EPUH'S(1): Provide and install a zone sensor, stop/start relay and associated control wiring to Room 012 DDC controller. Provide programming and commissioning.
7. DUCTLESS SPLIT: Unit to come with factory wired controls and remote thermostat. We will mount and wire the thermostat, interlock the outdoor unit and provide and install a zone sensor and associated control wiring to Room 012 DDC controller for monitoring and alarming purposes. Provide programming and commissioning.
8. NETWORK: Provide and install BACnet communication cabling from existing JACE-8100 supervisory controller to new Honeywell controllers. Provide system graphics on existing workstation.
9. TABLET/TRAINING: Provide an allowance of \$5,000 for tablet and training.

EXCLUSIONS:

1. All work associated with fire alarm system, smoke dampers and fire dampers.
2. Demolition of mechanical equipment, piping, ductwork, valves, etc.
3. Installation of any mechanical equipment, piping, wells, ductwork, AFMS, dampers, pressure taps and valves.

CONTINUED PAGE 1 of 2

PROPOSAL/QUOTATION LCW0153-1

PROJECT:

BROCK BRIDGE E.S.-KINDERGARTEN
ADDITION

ATTENTION:

Mr. Rick Jones

- 4. Power wiring.
- 5. Premium time.
- 6. Start-up and warranty of controls and equipment not provided and installed by EASI.

NOTES:

- 1. Access, escorts and parking to be provided by owner.
- 2. All work to be performed during normal working hours.
- 3. Price includes engineered drawings, demonstration and (2)year warranty.
- 4. Price reflects open plenum rated cable installation above accessible ceilings; EMT where exposed.
- 5. Work is limited to equipment specified in this proposal.

BASE PRICE:

Sixty Seven Thousand One Hundred Dollars-----\$67,100.00

PREPARED BY:

Carl Lundy

ACCEPTED BY:

TITLE:

DATE:

SIGNATURE HERETO ACKNOWLEDGES TERMS ABOVE AND SERVES AS NOTICE TO PROCEED. PROPOSAL VOID IF NOT ACCEPTED BY : 3/21/21

APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No. 02.093.23C

Project Name: Brock Bridge ES

Bid Opening: 7/6/21

Project Type: K-Addition

Scope of Work: Abestos abatement services

Basis for Award of Contract: Quote (Purchase Order)

Basis of Funding: 50% of eligible quote

Local Funds: \$3,150

State Funds: \$690

Total Contract: \$3,840

State Contingency for Change Orders: 0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Northstar Contracting Group	<u>\$3,840</u>
		<u>\$3,840</u>

- Notes:** (1) To provide asbestos abatement servives.
(2) Prevailing wage rates do not apply to this project.
(3) All change orders are Local responsibility; change orders are not required to be submitted to the State for review. Final State funding is evaluated at time of project Close-Out.
(4) MBE participation is not required on projects less than \$50,000.

IAC Approval Date:

REQUISITION/RELEASE FORM
Purchasing Office
www.aacps.org



Invoices shall reference release number and be mailed to:
 Supervisor of Accounts Payable
 Anne Arundel County Public Schools
 2644 Riva Road
 Annapolis, Maryland 21401

**UNLESS SPECIFIED BELOW IN THE "SPECIAL BILLING INSTRUCTIONS" SECTION*

Date: **6/29/2021**

Anne Arundel County Tax Exemption - MD 3000110-2 FED 52-73-0144K

Suggested Supplier
Northstar Contracting Group
3900 Vero Rd.
Baltimore, Md. 21227

Ship To
Anne Arundel County Public Schools
9034 Fort Smallwood Road
Pasadena, Maryland 21122-3223
Attn: Rick Jones Brock Bridge ES K Add
Phone: 410-439-8007

Required Delivery Date	Vendor Code	Vendor Phone	Vendor Fax
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CHECK I	<input type="checkbox"/> Procurement Card - VISA Exp. Date:..... REF: VISA	
	<input checked="" type="checkbox"/> Requisition..... REF: RQS#	
	<input type="checkbox"/> Emergency Release Form..... REF:	
	<input type="checkbox"/> Delivery Order Release Form & Number..... REF: DO#	
	<input checked="" type="checkbox"/> Decentralized Small Procurement Release Form & Number..... REF: PD#	
	<input type="checkbox"/> General Accounting Encumbrance Number REF: GAE#	

Line No.	Quantity	Unit	Commodity Code	Description	Unit Cost	Total Cost	Received Quantity
				Provide asbestos abatement services in support of the Brock Bridge ES K Add per Northstar's proposal dated 062921		\$3,840.00	

Budget Account Distribution:	3512 9051 3062 D4G 2361 0024 4222	\$ 3,840.00
	TOTAL	\$ 3,840.00

\$ 3,840.00	Page 1 Total
\$ -	Page 2, 3 & 4 Total
\$ 3,840.00	Grand Total

Request Approved By <i>Jeff Hagan</i>	Date 07/06/21	Senior Staff Approval (if required) <i>[Signature]</i>	Date 7/2/2021
Received & Accepted By	Date	If partials are accepted, indicate with a circle which partial this form reports	1 2 3 4

***Special Billing Instructions**
Bill to AACPS Facilities Fiscal Office 9034 Fort Smallwood Rd Pasadena, MD 21122
Special Handling Instructions

ANNE ARUNDEL COUNTY PUBLIC SCHOOLS
2017-2018 REQUIREMENTS CONTRACT
Bid # 017SC-099
Northstar Contracting Group, Inc.

RECEIVED
JUN 29 2021
BY:

SCHOOL: Brock Bridge – Exterior Transite above Entrances
At New Addition Tie-Ins

W.O.#
P.O.#

ITEM #	DESCRIPTION	QUANTITY /UNIT	UNIT PRICE	TOTAL PRICE
22	Remove contaminated earth in Crawl Space and debris – 1” to 3” (2 ½. feet on each side of the contamination and/or debris	S.F.	\$1.00	\$
23	Decontamination of area (small contaminated area fiber release episode)	S.F.	\$0.50	\$
24	Decontamination of area (large contaminated area fiber release episode)	S.F.	\$1.00	\$
25	Remove, furnish and replace flex connectors on AHU’s - with scaffolding if needed	L.F.	\$30.00	\$
26	Remove, furnish and replace rope gasketing on boilers – with scaffolding if needed	L.F.	\$30.00	\$
27	Decontamination of AHU duct work – with scaffolding if needed	S.F.	\$2.00	\$
28	Florescent light tubes 48 tubes per case	Boxes	\$80.00	\$
29	PCB Ballasts	Ballasts	\$6.00	\$
31	Insulate breaching, board, etc. 4” – up to 4” – with scaffolding if necessary	S.F.	\$7.00	\$
32	Insulate AHU’s and duct work with ¾” ARMAFLEX insulation) – with scaffolding if necessary	S.F.	\$7.00	\$
33	Insulate Hot & Cold Water piping (with 1” thick insulation and mudded canvas) – with scaffolding if needed			
	Up to 1 ½”	L.F.	\$14.00	\$
	2” to 4”	L.F.	\$15.50	\$
	4” to 6”	L.F.	\$18.00	\$
34	Insulate Chilled Water and Dual Temperature supply & return lines with – self-drying, polymer-jacketed molded fibrous-glass insulation w/ an integral, factory-applied wicking fabric as described in Section 2.4.2 of the specification – with scaffolding if needed			
	Up to 1 ½”	L.F.	\$15.00	\$
	2” to 4”	L.F.	\$15.50	\$
	4” to 6”	L.F.	\$19.00	\$
35	Insulate Steam Piping (with 1” thick insulation and mudded canvas) – with scaffolding if needed			
	Up to 1 ½”	L.F.	\$14.00	\$
	2” to 5”	L.F.	\$16.00	\$
	6” to 12”	L.F.	\$20.00	\$

ANNE ARUNDEL COUNTY PUBLIC SCHOOLS

2017-2018 REQUIREMENTS CONTRACT

Bid # 017SC-099

Northstar Contracting Group, Inc.

**SCHOOL: Brock Bridge – Exterior Transite above Entrances
At New Addition Tie-Ins**

W.O.#

P.O.#

ITEM #	DESCRIPTION	QUANTITY /UNIT	UNIT PRICE	TOTAL PRICE
36	Insulate Piping (with ¾" thick ARMAFLEX insulation) – with scaffolding if needed			
	Up to 1 ½"	L.F.	\$17.00	\$
	2" to 5"	L.F.	\$24.00	\$
	6" to 12"	L.F.	\$30.00	\$
37	Insulate Elbows, Fittings & Tees (with insulation and Zeston Fittings) – with scaffolding if needed			
	Up to 1 ½"	L.F.	\$15.00	\$
	2" to 5"	L.F.	\$21.00	\$
	6" to 12"	L.F.	\$24.00	\$
38	Insulate Elbows, Fittings, Valves & Tees on Chilled Water and Dual Temperature supply & return lines with – self-drying, polymer-jacketed molded fibrous-glass insulation w/ an integral, factory-applied wicking fabric as described in 2.4 of the specification – scaffolding if needed			
	Up to 1 ½"	L.F.	\$20.00	\$
	2" to 5"	L.F.	\$25.00	\$
	6" to 12"	L.F.	\$28.00	\$
39	Insulate Valves (with 1" thick insulation and mudded canvas) – with scaffolding if needed			
	Up to 1 ½"	L.F.	\$18.00	\$
	2" to 5"	L.F.	\$18.00	\$
	6" to 12"	L.F.	\$20.00	\$
40	Cover – Insulation on Piping with 20 mil. Zeston – with scaffolding if needed			
	Up to 1 ½"	L.F.	\$9.00	\$
	2" to 5"	L.F.	\$10.00	\$
	6" to 12"	L.F.	\$12.00	\$
41	Furnish & Install Ceiling Tiles 2' x 2' and 2' x 4' (without grid) – with scaffolding if needed	S.F.	\$2.50	\$
42	Furnish & Install Ceiling Systems 2' x 2' and 2' x 4' (with tile & grid) – with scaffolding if needed	S.F.	\$5.00	\$
43	Insulate spray-applied insulation as per specification – structural support I beams, I Beams are estimated to be 15" to 18" in height – with scaffolding if needed	L.F.	\$11.00	\$
44	Asbestos Storage Trailer – Refer to Item 2.1.21 of the Specifications	EA	\$3,050.00	\$
45	GRAND TOTAL -- (SUM LINES 1 through 44)	TOTAL		\$3,840.00

ANNE ARUNDEL COUNTY PUBLIC SCHOOLS

2017-2018 REQUIREMENTS CONTRACT

Bid # 017SC-099

Northstar Contracting Group, Inc.

**SCHOOL: Brock Bridge – Exterior Transite above Entrances
At New Addition Tie-Ins**

W.O.#

P.O.#

Description of Work:

Removal of the asbestos transite panels located at the exterior entrances to Rooms 129 and Hallway entrance between Rooms 131 & 136.

Removal of the asbestos transite panels located at the exterior entrance to Room 138, if required.

The work shall be performed in regulated containment areas. Finals are to be analyzed by PCM analysis with immediate turn around.

Start Date:

Number of Days: 1 working day

Number of People Assigned:

AACPS Signature:

Northstar Signature:

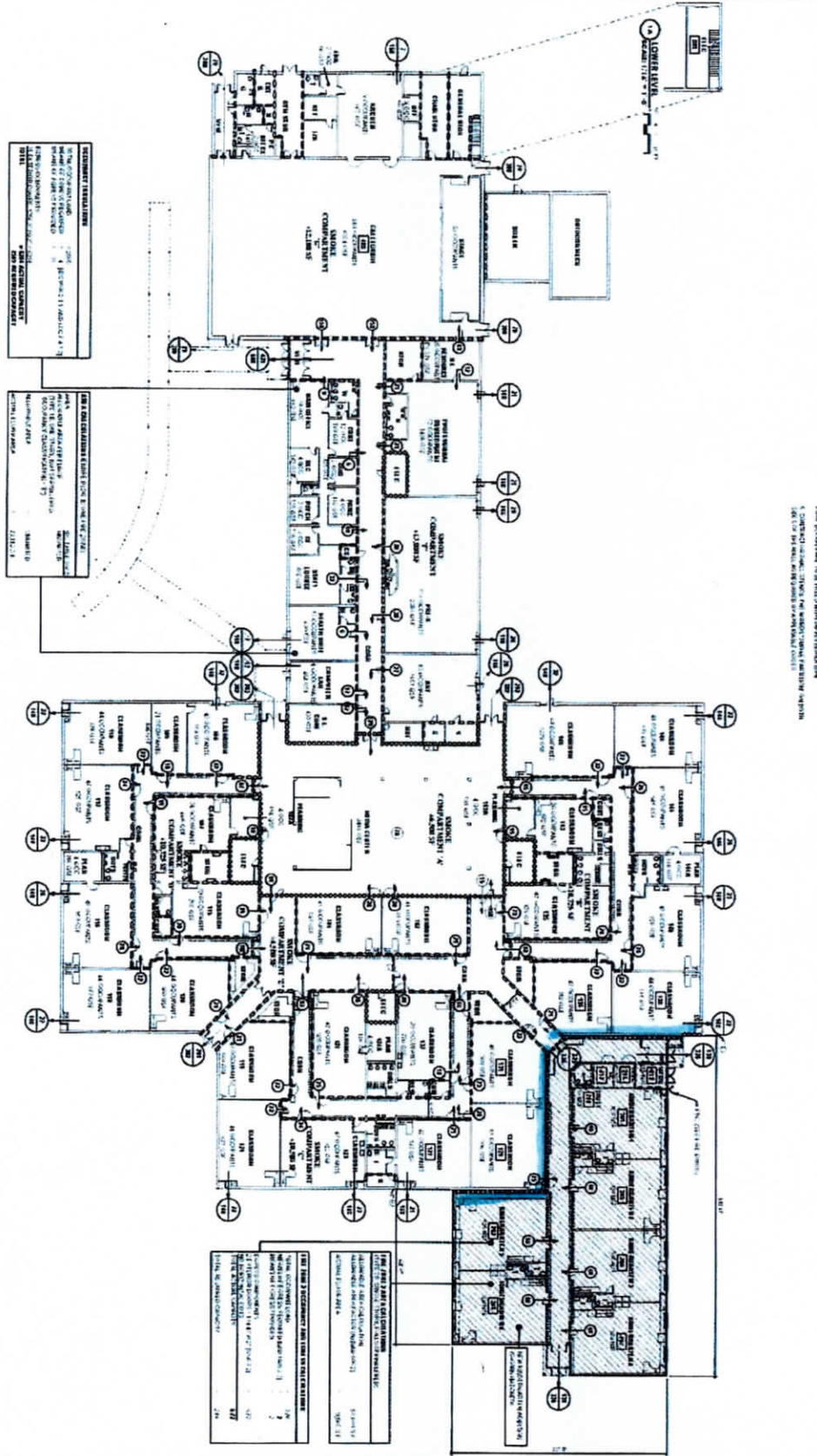
GENERAL NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND ALL APPLICABLE REGULATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES.
3. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE APPLICABLE AGENCIES.
4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND SERVICES AT ALL TIMES.
5. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING STRUCTURES AND UTILITIES.
7. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE SPECIFICATIONS AND DRAWINGS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES.
9. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE APPLICABLE AGENCIES.
10. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND SERVICES AT ALL TIMES.

LEGEND AND NOTES:

LEGEND:

- 1. OCCUPANCY AND EGRESS PLAN
- 2. EGRESS ROUTES
- 3. EGRESS ROUTES
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1 OCCUPANCY AND EGRESS PLAN

1/8" = 1'-0"

<p>A-003</p>	<p>BROCK BRIDGE ELEMENTARY SCHOOL Laurel, Maryland Anne Arundel County Public Schools</p>	

#17SC-099 Asbestos Repair and Removal at Various Anne Arundel County Public School locations

Contractor	NorthStar Contracting Group, Inc.	BARCO Enterprises, Inc.	<i>Goel Services, Inc.</i>	Southern Insulation Inc.
Addendum	Yes	*Rejected	<i>*Rejected</i>	*Rejected
Total Bid Amount	\$5,680,200			

Bold indicates awardee, italics indicates Minority Business Enterprise.

*BARCO Enterprises, Inc., Goel Services, Inc., and Southern Insulation Inc. bids were rejected because they did not meet minimum qualifications.

APPROVAL OF CONTRACTS

LEA: Frederick County

PSC No. 10.041.23 SR

Project Name: Ballenger Creek MS

Bid Opening: 6/29/22

Project Type: Systemic Renovation

Scope of Work: Roof Replacement

Basis for Award of Contract: Quote

Basis of Funding: 65% of eligible quote

Local Funds: \$2,478,732

State Funds: \$2,275,000

Total Contract: \$4,753,732

State Contingency for Change Orders: 0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Garland/DBS, Inc	<u>\$4,753,732</u>
		<u>\$4,753,732</u>

- Notes:** (1) Replace 97,615 sf 1990 built-up roof.
(2) Prevailing wage rates apply to this project.
(3) All change orders are Local responsibility; change orders are not required to be submitted to the State for review.
(4) Final State funding is evaluated at time of project Close-Out.

IAC Approval Date:



August 5, 2020, Board of Education Meeting
191 South East Street, Frederick, Maryland
Board Room

1. WORK SESSION – START TIMES FOR AGENDA ITEMS ARE APPROXIMATE

3:00 p.m.

Due to the critical health situation that our community is currently experiencing, the August 5th Board meeting will take place via teleconference. Should anyone wish to provide public comment, please send an email that includes your full name to: FCPSBoEmtg@fcps.org the day of the Board meeting. The Board allocates 30 minutes for public comment. Public Comments will be read up to 30 minutes; however, all public comment, whether read or not, will be posted on BoardDocs within 24 hours of the meeting. Please note that public comment is for statements and questions will be directed to the appropriate staff for response.

- 1.01 Call to Order
- 1.02 Pledge of Allegiance
- 1.03 Approval of the August 5, 2020 Meeting Agenda (Action)
- 1.04 Approval of the July 8, 2020 Meeting Minutes (Action)
- 1.05 Approval of the July 29, 2020 Meeting Minutes (Action)
- 1.06 Bid Calendar Item (Information)
- 1.07 The Interlocal Purchasing System (TIPS) Contract #200205, Synthetic or Natural Sports Fields, Courts or Tracks Job Order Contract (JOC) (Information)
- 1.08 PW1925, Roofing Supplies and Services, Waterproofing and Related Products and Services (Information)
- 1.09 RFP 081419 Technology Catalog Solutions (Information)
- 1.10 RFP 19-19 Educational Software Solutions and Services (Information)
- 1.11 RFP 19-20 Maintenance, Repair, and Operations (MRO) Supplies and Related Services (Information)
- 1.12 RFB #20CM-140 Ice Cream and Freezers/Insulated Freezer Bags (Information)
- 1.13 RFP 20T2, School Buses-Electric (Action)
- 1.14 Bid 20C17, Waverley Elementary School - New Construction - Re-Bid Contract Package 9D, Resilient Flooring and Rubber Athletic Surfacing (Action)
- 1.15 Bid 17M2, Maintenance Repair and Operations (MRO) Materials and Supplies – Plumbing (Renewal) (Action)
- 1.16 Bid 18M15, Security Surveillance Equipment (Renewal) (Action)
- 1.17 Architectural Design Services for Brunswick Elementary School Replacement (Information/Discussion/Action)
- 1.18 Ratification of Agreement - Frederick County Teachers Association (FCTA) (Information/Action)
- 1.19 Modifications to 2020/2021 Academic Calendars (Information/Discussion/Action)
- 1.20 2021/2022 and 2022/2023 Academic Calendars (Information/Discussion/Action)
- 1.21 Follow-up Conversation on Virtual Model (Information/Discussion/Action)
- 1.22 Committee Reports (Information)
- 1.23 Public Comment

2. ACTION ITEMS/CONSENT

- 2.01 Staffing Changes (Action/Consent)
- 2.02 Battelle National Biodefense Institute, LLC (BNBI) Grant (Action/Consent)
- 2.03 Governor's Emergency Education Relief (GEER) Grant (Action/Consent)
- 2.04 CARES Act Technology Grant (Action/Consent)
- 2.05 CARES Act Tutoring Grant (Action/Consent)
- 2.06 Maryland Association of Boards of Education (MABE) Risk Management Grant (Action/Consent)
- 2.07 American Studies II Standards (Action/Consent)
- 2.08 Motion to Move into Closed Session (Action)
- 2.09 Adjournment

3. CLOSED

4:00 p.m.

Adjournment



Board of Education of Frederick County

Agenda Item Details

Meeting	Aug 05, 2020 - Board of Education Meeting
Category	1. WORK SESSION (OPEN MEETING) [3:00 p.m.]
Subject	1.08 PW1925, Roofing Supplies and Services, Waterproofing and Related Products and Services
Type	Information
Goals	Aspirational Goal 3 Resource Allocation - FCPS will pursue and utilize all resources strategically and responsibly to achieve identified outcomes and inspire public confidence.

PURPOSE OF PRESENTATION: Staff would like to inform the Board of Education of Frederick County that Frederick County Public Schools (FCPS) will be riding the above contract from Omnia Partners.

BACKGROUND/SUMMARY: This contract will be utilized by FCPS Capital Programs Department for the roof replacement projects at Ballenger Creek Middle and Heather Ridge Schools. This contract provides a turnkey solution for roof replacements that begins with assessment and analysis, then moves to design, bidding, construction and closeout. The awarded vendor for this contract is Garland/DBS, Inc. This contract will provide an additional avenue for future roof replacement projects.

PRESENTER(S) & TITLE(S):

Kim Miskell, CSBO, Assistant Purchasing Manager
 Brian Staiger, Senior Project Manager, Capital Program

SUBMITTED BY:

Kerrie Koopman CPPB, CPPO, Purchasing Manager
 Leslie R. Pellegrino, Chief Financial Officer



Garland/DBS, Inc.
 3800 East 91st Street
 Cleveland, OH 44105
 Phone: (800) 762-8225
 Fax: (216) 883-2055



ROOFING MATERIAL AND SERVICES PROPOSAL

Frederick County Public Schools
 Ballenger Creek Middle School
 5525 Ballenger Creek Pike
 Frederick, MD 21703

Date Submitted: 06/29/2022
 Proposal #: 25-MD-220622
 MICPA # PW1925

Purchase orders to be made out to: Garland/DBS, Inc.

Scope of Work: Partial Roof Replacement - Roof Sections A, B, C, D & L
Cold Applied Two Ply Modified Flood Coat and Gravel Roof System

1. All labor, materials, services, and equipment necessary for the completion of the work described in the specifications to completely tear out and replace the existing roof system as per the written specifications including all low sloped roof sections indicated on roof plans (30 Year Warranty).

Ballenger Creek Middle School - Partial Roof Replacement (Roof Sections A, B, C, D & L):
Proposal Price Based Upon Market Experience: \$ 3,354,767

Garland/DBS Price Based Upon Local Market Competition:

Apex Construction	\$ 3,354,767
Cole Roofing	\$ 3,366,379
Simpson Unlimited, Inc.	\$ 3,614,780
Kalkreuth Roofing and Sheet Metal, Inc.	\$ 3,868,119
CitiRoof Corporation	\$ 4,274,562

Bid Alternate #1 - Scope of Work: Partial Roof Replacement (Roof Sections A, B, C, D & L)
Hot Applied Two Ply KEE/Modified Energy Star Roof System

1. All labor, materials, services, and equipment necessary for the completion of the work described in the specifications to completely tear out and replace the existing roof system as per the written specifications including all low sloped roof sections indicated on roof plans (30 Year Warranty).

Bid Alternate #1 - Garland/DBS Price Based Upon Local Market Competition:

Apex Construction	\$ 3,635,903
Kalkreuth Roofing and Sheet Metal, Inc.	\$ 3,983,987
Simpson Unlimited, Inc.	\$ 4,132,329
Cole Roofing	\$ 4,379,283
CitiRoof Corporation	\$ 4,517,879

Unforeseen Site Conditions:

Decking Replacement \$ 27.36 per Sq. Ft.

Please Note – The construction industry is experiencing unprecedented global pricing and availability pressures for many key building components. Specifically, the roofing industry is currently experiencing long lead times and significant price increases with roofing insulation and roofing fasteners. Therefore, this proposal can only be held for 30 days. DBS greatly values your business, and we are working diligently with our long-term suppliers to minimize price increases and project delays which could effect your project. Thank you for your understanding and cooperation.

Clarifications/Exclusions:

1. Permits are excluded.
2. Bonds are included.
3. Plumbing, Mechanical, Electrical work is excluded.
4. Masonry work is excluded.
5. Interior Temporary protection is excluded.
6. Any work not exclusively described in the above proposal scope of work is excluded.

If you have any questions regarding this proposal, please do not hesitate to call me at my number listed below.

Respectfully Submitted,

Graham Hlavin

Graham Hlavin
Garland/DBS, Inc.
(216) 430-3651



Garland/DBS, Inc.
3800 East 91st Street
Cleveland, OH 44105
Phone: (800) 762-8225
Fax: (216) 883-2055



ROOFING MATERIAL AND SERVICES PROPOSAL

Frederick County Public Schools
Ballenger Creek Middle School - Phase II
5525 Ballenger Creek Pike
Frederick, MD 21703

Date Submitted: 07/19/2022
Proposal #: 25-MD-220738
MICPA # PW1925

Purchase orders to be made out to: Garland/DBS, Inc.

Please Note: The following budget/estimate is being provided according to the pricing established under the Master Intergovernmental Cooperative Purchasing Agreement (MICPA) with Racine County, WI and OMNIA Partners, Public Sector (U.S. Communities). The line item pricing breakdown from Attachment C: Bid Form should be viewed as the maximum price an agency will be charged under the agreement. Garland/DBS, Inc. administered an informal competitive process for obtaining quotes for the project with the hopes of providing a lower market-adjusted price whenever possible.

Scope of Work: Base Bid - Partial Roof Replacement (Phase II) (Roof Section K, I & J)
Cold Applied Two Ply Modified Flood Coat and Gravel Roof System

1. All labor, materials, services, and equipment necessary for the completion of the work described in the specifications to completely tear out and replace the existing roof system as per the written specifications including all low sloped roof sections indicated on roof plans (30 Year Warranty).

Base Bid - Partial Roof Replacement (Phase II) (Roof Section K, I & J):

Proposal Price Based Upon Market Experience: \$ 1,398,965

Garland/DBS Price Based Upon Local Market Competition:

Apex Construction	\$ 1,398,965
Kalkreuth Roofing and Sheet Metal, Inc.	\$ 1,927,903
CitiRoof Corporation	\$ 1,996,885
Simpson Unlimited, Inc.	\$ 2,047,643
Cole Roofing	Declined to Bid

Scope of Work: Bid Alternate #1 - Partial Roof Replacement (Phase II) (Roof Section K, I & J)
Hot Applied Two Ply KEE/Modified Energy Star Roof System

1. All labor, materials, services, and equipment necessary for the completion of the work described in the specifications to completely tear out and replace the existing roof system as per the written specifications including all low sloped roof sections indicated on roof plans (30 Year Warranty).

Bid Alternate #1 - Partial Roof Replacement (Phase II) (Roof Section K, I & J):

Proposal Price Based Upon Market Experience: \$ 1,696,930

Bid Alternate #1 - Garland/DBS Price Based Upon Local Market Competition:

Apex Construction	\$ 1,696,930
Kalkreuth Roofing and Sheet Metal, Inc.	\$ 2,070,245
CitiRoof Corporation	\$ 2,126,947
Simpson Unlimited, Inc.	\$ 2,359,945
Cole Roofing	Declined to Bid

Unforeseen Site Conditions:

Decking Replacement \$ 27.36 per Sq. Ft.

Please Note – The construction industry is experiencing unprecedented global pricing and availability pressures for many key building components. Specifically, the roofing industry is currently experiencing long lead times and significant price increases with roofing insulation and roofing fasteners. Therefore, this proposal can only be held for 30 days. DBS greatly values your business, and we are working diligently with our long-term suppliers to minimize price increases and project delays which could effect your project. Thank you for your understanding and cooperation.

Clarifications/Exclusions:

1. Permits are excluded.
2. Bonds are included.
3. Plumbing, Mechanical, Electrical work is excluded.
4. Masonry work is excluded.
5. Interior Temporary protection is excluded.
6. Any work not exclusively described in the above proposal scope of work is excluded.

If you have any questions regarding this proposal, please do not hesitate to call me at my number listed below.

Respectfully Submitted,

Matt Egan

Matt Egan
Garland/DBS, Inc.
(216) 430-3662

APPROVAL OF CONTRACTS

LEA: Montgomery County

PSC No. 15.068.19SSGP

Project Name: Gaithersburg MS

Bid Opening: 03/30/2020

Project Type: Systemic Renovation

Scope of Work: Security Vestibule

Basis for Award of Contract: Base bid

Basis of Funding: 100% of eligible base bid up to max allocation.

Local Funds: \$0

State Funds: \$278,237

Total Contract: \$278,237

State Contingency for Change Orders: 0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:	<u>15.068.19</u>	<u>(\$593,263)</u>
Increase Contingency Amount:	<u>40.015.19</u>	<u>\$593,363</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Plano-Coudon, LLC	<u>\$278,237</u>
		<u>\$278,237</u>

- Notes:** (1) To create a guided security vestibule.
(2) Prevailing wage rates apply to this contract.
(3) Eligible for funding available within FY 2019 SSGP allocation for LEA at time of reimbursement request
(4) All change orders are Local responsibility; change orders are not required to be submitted to the State for review. Final State funding is evaluated at time of project Close-Out.

IAC Approval Date:

Gaithersburg Middle School Security Vestibule

BIDDER	Buch Construction, Inc.	Cooper Building Services, LLC	Keller Brothers, Inc.	Plano-Coudon, LLC	Prevost Construction, Inc.	The Matthews Group, Inc.	WKM Solutions, LLC		
MBE Forms A & B	X	X	X	X	X	X	X		
Base Bid	\$340,200	\$301,000	\$284,400	\$278,237	\$355,000	\$320,071.47	\$293,562.50		
Bid Bond Included	X	X	X	X	X	X	X		
Addenda Acknowledged	X	X	X	X	X	X	X		

T.M.
3-30-2020

APPROVAL OF CONTRACTS

LEA: Montgomery County

PSC No. 15.226.23 ASP

Project Name: James Hubert Blake HS

Bid Opening: 5/12/22

Project Type: Systemic Renovation

Scope of Work: To replace the sound system

Basis for Award of Contract: Quote

Basis of Funding: 100% of eligible quote

Local Funds: \$0

State Funds: \$207,914

Total Contract: \$207,914

State Contingency for Change Orders: 0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	CTSI - Corbett Technology Solutions, Inc.	<u>\$207,914</u>
		<u>\$207,914</u>

- Notes:** (1) To replace the sound system in the auditorium.
 (2) Prevailing wage rates do not apply to this contract.
 (3) Eligible for funding available within FY 2023 ASP allocation for LEA at time of reimbursement request.
 (4) All change orders are Local responsibility; change orders are not required to be submitted to the State for review. Final State funding is evaluated at time of project Close-Out.

IAC Approval Date:



ENGAGE. INSPIRE. DELIVER.

4151 Lafayette Center Drive
Suite 700
Chantilly, Virginia 20151
Tel: 703.631.3377
Fax: 703.631.3396

May 12, 2022

Statement of Work

This is a breakdown of the solutions and systems being designed, engineered, and installed for your project.

Auditorium Audio System Refresh

CTSI is pleased to provide this proposal to replace the audio system in the auditorium. CTSI will replace the following:

1. Main Left/Center/Right speakers
2. Stage Monitors
3. Mixing Console
4. Wireless Mics
5. Audio Processing
6. Hanging Mics

CTSI will provide dispose of all equipment that is removed.

As part of this effort, prior to procurement of equipment, CTSI will perform a comprehensive site survey to review new system equipment integration and feasibility. If any issues arise, CTSI will provide a change to remedy those issues.

Audio – Main Left/Center/Right Speakers

CTSI will provide an audio playback system based upon three (3) powered line array speaker clusters configured in for live audio. Please note that 120vAC outlets will be required to be installed "by others" at each speaker cluster location. Further guidance on the line array power requirements will be provided after award.

The proposed line arrays will offer practical audio coverage for the auditorium, providing quality coverage for voice and music playback. This array is appropriate for the venue. However, rock concert level (both in overall volume and sound quality) arrays are available for an increased price.

New cabling will be required to be pulled for these speakers.

CTSI assumes that the structure in the existing speaker locations will be sufficient for hanging these new speakers. If additional structure is required, CTSI may require a change order.

To ensure proper coverage for these line arrays, it may be required that they sit outside of the enclosure areas that are currently existing for speakers,

Audio – Stage Monitors

CTSI will provide four new passive stage monitors for the stage. These will utilize existing cabling, connectivity, and plates. The existing rack patch panel will be re-used, but a new amplifier will be provided.

Audio – Mixing Console

CTSI will provide and install a new digital mixing console control surface and head-end mix rack. The head-end mix rack will be a 48 input by 16 output mix rack that will be located within the booth rack. All existing connectivity that connects to the current mixing console (assuming that it fits within the 48x16 architecture) will be connected to this mix rack. This mix rack will be able to be patched to two located:

1. Mixing location in booth
2. Mixing location on house floor

The location on the house floor will be via a wall plate. CTSI assuming that there is an acceptable pathway from the booth to the location where the mixing surface will connect on the house floor.

Audio – Wireless Mics

A wireless microphone system will be integrated to provide eighteen (18) belt pack microphone transmitters and six (6) handheld microphones for use within the auditorium. CTSI will provide six (6) clip-on lavalier microphones, six (6) headset microphones with a brown finish, six (6) headset microphones with a black finish, and fifteen (15) beige microdot body microphones for use with the belt pack microphone transmitters. Each belt pack microphone transmitter and handheld microphone will come with a rechargeable battery. Tabletop battery charging stations will be provided to charge the wireless microphone batteries.

There is a total of 18 channels available. Therefore, the user can choose up to 18 of the above microphones to be used at a time. All microphones cannot be used simultaneously.

CTSI will install two new directional antennas to replace the existing antennas on the catwalk. CTSI will re-use the existing cabling for this.

Audio – Processing

A new digital audio processor will be provided. This processor will take the place of all the analog audio processing currently in the system. This processor will process audio associated with the main arrays and the stage monitors. CTSI will professionally tune this system to optimize the audio quality in the space.

Audio – Hanging Mics

CTSI will replace the three existing hanging mics over the stage with new microphones. Existing cabling and connectivity will be re-used.

Audio – Rack & Power

CTSI will install provide a 40-space rack to house all audio headend equipment. The rack will feature a surge suppression and power filter which will provide proper power filtering to prevent damage from surge spikes and building brownouts.

Existing Intercom

The existing ClearCom party-line intercom system will be remain installed. However, the rack mounted central unit will be relocated to the new rack. CTSI assumes that the intercom system is fully operational. If issues are discovered during this upgrade, CTSI will provide a cost to replace or remedy. CTSI will relocate the intercom central unit in a professional manner. However, due to its age, there is a risk of failure of hardware in moving the equipment.

No modifications to the intercom will be provided beyond this.

Existing Cabling and Connectivity Plates

Unless specifically described above, all cabling, wall plates, floor box plates, and other connectivity plates will be re-used. CTSI assumes that all of these devices and cabling are suitable for re-use. If they are not, CTSI will provide a cost to repair or replace.

Mobile Cart

CTSI will provide a mobile cart consisting of an analog mixer. This mixer will be fed by four channels of wireless mics, USB/MP3/CD/Media player. The intent is for this to be connected to auxiliary audio systems throughout the building. A single output from this will be provided on a balanced XLR line level connection.



4151 Lafayette Center Dr, Ste 700
 Chantilly, Virginia 20151
 Matt Fitzgerald : 703.633.1428

**MCPS - James H. Blake H.S.
 Sound System Replacement RFP
 Quote #22046 r1**

12 May 2022

Contact: Patrick Schmidt Phone: 202.329.2821	Business / Owner: MCPS Email: Patrick_M_Schmidt@mcpsmd.org	Job Site Address: 300 Norwood Road Silver Spring 20905
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CTSI is pleased to provide this quote for an Auditorium Sound System Replacement for JHBHS. This quote is based on information provided. Any deviation from plans, specifications, or addendums is unintended. Corrections must be supplied to CTSI for a change in quoted price.

Cage Code: 0F4N9 DUNS: 053380457 DCJS: 11-3673

Summary of Base Systems

Item #	Base Systems	System Price	Qty	Systems Ext.	Sales Tax	Notes
1	Auditorium Update	\$ 189,496.07	1	\$ 189,496.07	\$ -	
2	Mobile Cart	\$ 18,417.72	1	\$ 18,417.72	\$ -	

Maintenance & Warranty: This quote includes 1-Year CTSI Basic Maintenance and Warranty.

Sales Tax	Summary of : Base Systems
\$ 207,913.79	\$ - Project Total, Excluding Tax

Notes

1. Based upon site visits and RFP documents put forward.
2. Installed per our SOW (see attached).

Exclusions:

1. Demolition of and/or labor to maintain any existing system.
2. Backboxes, raceway, conduit, cable tray, j-hooks, sleeves, penetrations, and core drilling
3. Painting & Patching. CTSI will make a best effort to minimize new holes necessary for cable installation.
4. 120VAC power. EC is expected to provide circuits in quantity and locations as required for this work.
5. Permit, Bond, and applicable sales tax.

Payment Terms : Progress Billing, on approved credit	
Purchase Order #	Date of Acceptance
Tax Exempt ID #	Print Name & Title
Options Selected	Authorized Signature

Sign & Email to: mfitzgerald@ctsi-usa.com or Send to CTSI Fax: 703.631.3396

Quote Terms: All material and labor carry a 1-year warranty after substantial project completion unless otherwise stated herein, in accordance with the CTSI Basic Maintenance and Warranty terms and conditions, or manufacturer's warranty if less than one year on material. Customer agrees that if payment is not made as specified in the conditions portion of this contract, they will pay interest at 1% per month plus reasonable attorney fees needed in the collection of past due invoices. All price quotes reflect payment by cash, check, or wire transfer. Payment by credit card or other methods may incur additional charges that will be added to the invoice. Cancellation by customer will result in charges for labor, material restocking fees and shipping. If customer is tax exempt, they must provide the necessary identification number next to their acceptance of this proposal. If customer is not tax exempt, they assume all liability associated with the appropriate tax, unless included in this proposal. All work is to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements are contingent upon strikes, accidents, or delays beyond our control. Owner is to carry fire, tornado and all other necessary insurance. For a period of one (1) year following the date of any Order under this Agreement, neither CTSI nor customer shall solicit employment or hire any employee of the other who is directly involved in the performance of this Agreement. This proposal may be withdrawn by us if not accepted within 30 days. Material is FOB origin.

MCPS - James H. Blake H.S.
Sound System Replacement RFP
Auditorium Update

4151 Lafayette Center Dr, Ste 700
 Chantilly, Virginia 20151
 Matt Fitzgerald : 703.633.1428

12 May 2022

Contact:
 Patrick Schmidt
Phone:
 202.329.2821

Business / Owner:
 MCPS
Email:
 Patrick_M_Schmidt@mcpsmd.org

Estimate of Work

347.26						
Item #	Manufacturer	Qty	Model	Description	Price Each	Price Ext.
Equipment						
Audio System						
-	-	-	-	De-Installation	\$ -	\$ -
1	CTSI	1	De-Installation	De-Installation and Disposal of Existing System	\$ -	\$ -
-	-	-	-	Mixing Boards	\$ -	\$ -
2	A&H	1	AH-SQ-6	96kHz XCVI FPGA processing, 48 Input Channels, DEEP Processing, 25 Faders / 6 Layers, 24 onboard preamp, 12 Stereo mixes+LR, 3 Stereo Matrix, 7â€¢capacitive touchscreen	\$ 4,448.45	\$ 4,448.45
3	A&H	1	AH-GX-4816	48in x 16out audio expander with dLive 96kHz mic preamps, dual DX ports connect to up to 4 DX Expanders, DX2 socket supports ME connection, rack mount (5U), 96kHz	\$ 3,732.46	\$ 3,732.46
4	A&H	1	AH-AP11333	Dust cover for SQ-6	\$ 70.88	\$ 70.88
5	CTSI	1	Custom	Custom Patch Point for Switching Mixer Location	\$ 105.42	\$ 105.42
6	CTSI	1	Custom	Disconnect at Floor Location	\$ -	\$ -
7	CTSI	1	NOTE	NOTE: The GX-4816 Will be located in the booth. CTSI assumes that the cable path to the floor location will be less than 300 feet in total cable length	\$ -	\$ -
-	-	-	-	Wireless Microphones	\$ -	\$ -
8	Shure	6	WL185	Microflex® Cardioid Lavalier Microphone	\$ 111.82	\$ 669.72
9	Shure	6	DH5C/O-MTQG	DURAPLEX HEADSET, COCOA, OMNI, MTQG	\$ 347.26	\$ 2,083.56
10	Shure	6	DH5B/O-MTQG	DURAPLEX HEADSET, BLACK, OMNI, MTQG	\$ 347.26	\$ 2,083.56
11	Shure	18	ULXD1=G50	Digital Wireless Bodypack Transmitter with Miniature 4-Pin Connector	\$ 456.40	\$ 8,215.20
12	Shure	6	ULXD2/SM58=G50	Handheld Transmitter with SM58® Microphone	\$ 488.64	\$ 2,931.84
13	Shure	1	ULXD4=G50	Dual Digital Wireless Receiver with internal power supply, 1/2 Wave Antenna and Rack Mounting Hardware	\$ 2,593.26	\$ 2,593.26
14	Shure	4	ULXD4Q=G50	Quad Digital Wireless Receiver with internal power supply, 1/2 Wave Antenna and Rack Mounting Hardware	\$ 5,186.52	\$ 20,746.08
15	Shure	1	UA844+SWB/LC	Five-way active antenna splitter and power distribution system for QLX-D®, ULX®, ULX-D®, SLX®, and BLX® (BLX4R only) receivers. Excludes antenna cables and locking power cables. (470-952 MHz)	\$ 429.11	\$ 429.11
16	Shure	2	UA874US	Active Directional Antenna with Gain Switch 470-698 MHz	\$ 324.94	\$ 649.88
17	Shure	24	SB900B	RECHARGEABLE BATTERY	\$ 99.22	\$ 2,381.28
18	DPA	15	6060-OC-U-F00	Micro Dot Body Mic	\$ 623.58	\$ 9,353.70
19	Shure	3	SBC800-US	8-Bay Shure Battery Charger	\$ 456.40	\$ 1,369.20
-	-	-	-	Hanging Microphones	\$ -	\$ -
20	Shure	3	MX202B/C	Cardioid Black Mini-Condenser for Overhead Miking, 30 Cable, In-Line Preamp with XLR Microphone Stand Adapter	\$ 187.28	\$ 561.84
-	-	-	-	LCR Array	\$ -	\$ -
21	QSC	9	KLA12-BK	500W x 500W, two-way, active, line-array loudspeaker; 12-inch woofer, 1.75-inch compression driver, 90° x 18° nominal coverage angle, self contained rigging system, Color - Black	\$ 1,993.18	\$ 17,938.62
22	QSC	3	KLA181-BK	18" ported, 1000W subwoofer with integrated flying hardware; Color - Black	\$ 2,382.96	\$ 7,148.88
23	QSC	5	KLA AF12-BK	Aluminum array frame for KLA Series enclosures. Color - Black.	\$ 998.79	\$ 4,993.95
24	CTSI	3	Rigging Hardware	Rigging Hardware for Speakers	\$ 1,054.17	\$ 3,162.51
-	-	-	-	Audio Processing	\$ -	\$ -
25	QSC	1	CORE 110f	Audio Processing	\$ 2,914.47	\$ 2,914.47
26	QSC	1	NS10-125+	10-port network switch preconfigured for Q-SYS Audio, Video and Control with 8x PoE+ ports and 125 Watts PoE budget. Features advanced CoS and IGMP configuration to also support AES67 and Dante within the same VLAN.	\$ 930.15	\$ 930.15
-	-	-	-	Intercom System	\$ -	\$ -
27	CFE ClearCom	1	CFE MS-232	Existing Intercom System	\$ -	\$ -
-	-	-	-	Amplifier	\$ -	\$ -
28	QSC	1	CX-Q 2K4	4-Channel 500W/CH Q-SYS Network Amplifier, Lo-Z, 70V, 100V direct drive, FlexAmp™, Mic/line Inputs, 100-240V.	\$ 2,015.33	\$ 2,015.33
29	OFE	1	OFE	OFE Stage Monitor Patch Panel - 4 Amp Channels to 10 Stage Locations - cabling and field plates to remain	\$ -	\$ -
-	-	-	-	Stage Monitors	\$ -	\$ -
30	QSC	4	E110	10" 2-way, externally powered, live sound-reinforcement loudspeaker. Color - Black.	\$ 531.52	\$ 2,126.08

				Miscellaneous System			
31	Middle Atlantic	1	ERK-402BLRD	ERK Series Rack, 40 RU, 28"D, w/o Rear Door	\$	635.67	\$ 635.67
32	Middle Atlantic	1	ERK-RDC40	Cable-Entry Rear Door, 40 RU ERK Racks	\$	184.73	\$ 184.73
33	Middle Atlantic	1	ERK-10FT-FC	550 CFM Fan Top for ERK Series with Controller	\$	458.75	\$ 458.75
34	Middle Atlantic	1	VBK-BGR	Vent Blocker Kit, BGR Series	\$	18.42	\$ 18.42
35	Middle Atlantic	1	CBS-ERK-28	Caster Base for 28 Inch Deep ERK Series - 1,300 pounds	\$	176.92	\$ 176.92
36	Middle Atlantic	1	LF	Leveling Feet	\$	19.54	\$ 19.54
37	Middle Atlantic	1	LACE-40-OWP	Lace Strip, 40 RU, 4.75"W, w/Tie Posts, 6 pc.	\$	205.36	\$ 205.36
38	Middle Atlantic	1	ERK-RR40	Extra Rack Rails, 40RU	\$	69.77	\$ 69.77
39	Middle Atlantic	1	PD-2420SC-NS	Vertical Power Strip, 24 Outlet, 20A	\$	146.22	\$ 146.22
40	SurgeX	1	SX-1120-RT	Surge Eliminator and Power Conditioner, 9 Outlet, 20Amp	\$	839.62	\$ 839.62
41		lot		Miscellaneous Consumables & Hardware			\$ 5,205.92
42		lot		Cable			\$ 595.31
				Professional Services			
				Expenses			
59	CTSI	Lot	Expense	COVID-19 Onsite PPE Charge	\$	177.60	\$ 177.60
60		lot	Expense	Local Travel & Site Access Expenses	\$	-	\$ -
61		1	Expense	Shipping	\$	2,182.77	\$ 2,182.77
				Rentals			
62	Boom Lift Rental	1	Boom Lift Rental	Boom Lift Rental	\$	1,920.00	\$ 1,920.00
				Subcontracts			
63	PE Stamp	1	PE Stamp	PE Stamp	\$	4,200.00	\$ 4,200.00
				Professional Services, Day-2			\$ -
64	Customer Care	lot	CCARE-BASIC-1	Basic Maintenance & Warranty, 1 Year, No PM, 3 Day Onsite Response, 25% Discount at System Purchase	\$	3,786.03	\$ 3,786.03
				Labor			\$ 65,017.99

Summary of :		Auditorium Update	Totals
Equipment			\$106,410.45
Misc Material & Cable			\$5,801.23
Professional Services			\$77,284.39
Project Total, Excl Tax			\$189,496.07
<small>*Sales tax is an estimation. actual tax will be calculated at time of invoice</small>			
Options:			
Basic Maint. Year 2 & 3			\$11,077.93
<small>Maintenance Option - Extend the included plan to years 2 and 3. Discounts only available at system purchase.</small>			

MCPS - James H. Blake H.S.
Sound System Replacement RFP
Mobile Cart

4151 Lafayette Center Dr, Ste 700
 Chantilly, Virginia 20151
 Matt Fitzgerald : 703.633.1428

12 May 2022

Contact:
 Patrick Schmidt
Phone:
 202.329.2821

Business / Owner:
 MCPS
Email:
 Patrick_M_Schmidt@mcpsmd.org

Estimate of Work

Item #	Manufacturer	Qty	Model	Description	Price Each	Price Ext.
Equipment						
Audio System						
-		-		Mixing Boards	\$ -	\$ -
1	Mackie	1	1604VLZ4	16-Channel Mixer	\$ 1,302.20	\$ 1,302.20
2	Mackie	1	1604VLZ ROTOPOD KIT	Bracket Set	\$ 93.01	\$ 93.01
-		-		Wireless Microphones	\$ -	\$ -
3	Shure	4	ULXD2/SM58--G50	Handheld Transmitter with SM58® Microphone	\$ 488.64	\$ 1,954.56
4	Shure	1	ULXD4Q--G50	Quad Digital Wireless Receiver with internal power supply, 1/2 Wave Antenna and Rack Mounting Hardware	\$ 5,186.52	\$ 5,186.52
5	Shure	4	SB900B	RECHARGEABLE BATTERY	\$ 99.22	\$ 396.88
6	Shure	1	SBC800-US	8-Bay Shure Battery Charger	\$ 456.40	\$ 456.40
-		-		Audio Sources	\$ -	\$ -
7	Numark	1	MP103USB	Professional USB & MP3 CD Player	\$ 308.81	\$ 308.81
Miscellaneous System						
8	Gator	1	G-TOUR-GRC12X12	12U Top, 12U Side Road Console Rack with Casters	\$ 626.62	\$ 626.62
9	Middle Atlantic	2	D2	2 RU Drawer, Anodized	\$ 143.43	\$ 286.86
10	SurgeX	1	SX-1115-RT	Surge Eliminator and Power Conditioner, 9 Outlet, 15Amp	\$ 757.77	\$ 757.77
11		lot		Miscellaneous Consumables & Hardware		\$ 556.25
12		lot		Cable		\$ -
Professional Services						
Expenses						
27	CTSI	Lot	Expense	COVID-19 Onsite PPE Charge	\$ 9.60	\$ 9.60
28		lot	Expense	Local Travel & Site Access Expenses	\$ -	\$ -
29		1	Expense	Shipping	\$ 233.22	\$ 233.22
Professional Services, Day-2						
30	Customer Care	lot	CCARE-BASIC-1	Basic Maintenance & Warranty, 1 Year, No PM, 3 Day Onsite Response, 25% Discount at System Purchase	\$ 384.37	\$ 384.37
-		-		Labor		\$ 5,864.65

Summary of :	Mobile Cart	Totals
Equipment		\$11,369.63
Misc Material & Cable		\$556.25
Professional Services		\$6,491.84
Project Total, Excl Tax		\$18,417.72
Options:		
Basic Maint. Year 2 & 3		\$1,124.66

Maintenance Option - Extend the included plan to years 2 and 3. Discounts only available at system purchase.

- **Add/Alternate:** Wireless microphone(s). Price as a single unit.
item #13 on the quote \$ 2,593.26
- **Add/Alternate:** Body microphone(s). Price as a single unit.
item #18 on quote \$ 623.56
- **Add/Alternate:** Hand held microphones. Price as a single unit
item #12 on quote \$ 488.64
- **Add/Alternate:** Headset(s) Price as a single unit.
items #9 & #10 on quote \$ 347.26

Proposals shall be emailed to [Darrel I Caleb@mcpsmd.org](mailto:Darrel_I_Caleb@mcpsmd.org) , [Carlos F Cabrera@mcpsmd.org](mailto:Carlos_F_Cabrera@mcpsmd.org) and [Patrick M Schmidt@mcpsmd.org](mailto:Patrick_M_Schmidt@mcpsmd.org). Any proposal received after RFP Date and Time will not be accepted.

PRICE: \$207,913.79

Contractor Submitting RFP:

Company Name: CTSI Name: Matthew Fitzgerald

Signature: Matthew Fitzgerald Digitally signed by Matthew Fitzgerald
DN: cn=Matthew Fitzgerald, o=CTS Inc, email=matthew.fitzgerald@cts.com, c=US
Date: 2022.05.12 10:08:34 -0400 Date: 5/12/2022

*Please note availability of equipment will determine completion



5/16/2022

 6/6/22

APPROVAL OF CONTRACTS

LEA: Washington County

PSC No. 21.020.22ASP

Project Name: South Hagerstown HS

Bid Opening: 3/25/22

Project Type: Systemic Renovation

Scope of Work: Bleacher Replacement

Basis for Award of Contract: Quote

Basis of Funding: 100% of eligible quote up to max allocation.

Local Funds: \$32,196

State Funds: \$134,904

Total Contract: \$167,100

State Contingency for Change Orders: 0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	T.J. Distributors, Inc.	<u>\$167,100</u>
		<u>\$167,100</u>

- Notes:** (1) To replace the existing wood bleachers.
(2) Prevailing wage rates do not apply to this contract.
(3) Eligible for funding available within FY 2022 ASP allocation for LEA at time of reimbursement request
(4) All change orders are Local responsibility; change orders are not required to be submitted to the State for review. Final State funding is evaluated at time of project Close-Out.

IAC Approval Date:

WASHINGTON COUNTY PUBLIC SCHOOLS

Hagerstown, Maryland

Bleacher Replacement

at

South Hagerstown High School
1101 South Potomac St
Hagerstown, MD 21740

FORM OF PROPOSAL – BID 2022-48

Proposal of TJ Distributors, Inc.

(~~Corporation, a partnership, or an individual~~ hereinafter called "Bidder") organized and doing business and existing under the laws of the state of Maryland.

I/We as the Bidder, in compliance with the Invitation to Bid for the selected contract package included herein, have examined the Bidding Documents, and have become familiar with all the conditions surrounding the construction of the proposed project, including the availability of materials and labor, hereby propose to furnish all labor, materials, services and equipment necessary to properly complete the Work in accordance with the Contract Documents and Addenda, and at the prices stated below. These prices are to cover all expenses incurred in performing the Work required under the Contract Documents, of which this Proposal is a part.

All prices include all applicable sales and/or use taxes; include all insurance premiums required and include all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent (100%) of the Contract price. A five percent (5%) Bid Bond shall be attached to the Proposal. The Bid Bond amount shall be computed on the Lump Sum Total Price inclusive of Alternate Values; shall be submitted with the Washington County Board of Education as the sole obligee, and shall be issued for a minimum period of sixty (60) calendar days from the receipt of Bids.

PREQUALIFICATION

To become prequalified to bid this project, visit our website: <http://wcpspurchasing.com/vendors-contractors/becoming-wcps-vendor>. The application to participate as a prime bidder in a construction or related project is a two-step process and both steps of the process must be successfully completed in order to submit a bid. **Bids received from contractors who have not been pre-qualified by the Purchasing Officer at least seven days prior to the bid opening will be refused or returned unopened to the sender.**

Bleacher Replacement at South Hagerstown High School

COMPLETION TIME – SCHEDULE OF WORK

I/We as the Bidder, agree to begin to perform the Work at the time stated in the "Notice of Award/Notice to Proceed" and to substantially complete the entire work in accordance with the provisions of the Contract Documents. If this work is not completed within the time period specified, I/we will be liable for Liquidated Damages of \$500.00 per calendar day.

BASE BID

Bidders furnish all labor, materials, services, and equipment necessary to properly complete the Work required for the project in strict accordance with the Contract Documents for the following lump sum total:

Lump Sum Total:

One hundred sixty seven thousand one hundred 00/100 ----- DOLLARS

(Amount in words)

\$ 167,100.00

(Amount in numbers)

ADDENDA

The following Addenda have been received and reviewed and all Work therein is incorporated in the Bid Form of Proposal:

(If none please write "NONE"):

Addendum No.	Date
1	3/18/2022
2	3/21/2022

ATTACHMENTS

The following items are **mandatory** and are to be included with the Bid Form of Proposal and shall be completed by the Bidder:

1. WCPS Bid/Proposal Affidavit
2. Bid Security – See Section 00 43 13 – AIA Document A310 -2010 Bid Bond

Bleacher Replacement at South Hagerstown High School

REPRESENTATIONS

I/We as the Bidder, have reviewed the complete AIA Document A701 – 1997 "Instructions to Bidders," as modified by the Washington County Board of Education, and agree with the terms and conditions specified therein and submit this Bid Proposal in accordance.

The Owner reserves the right to reject any or all Bids. The Owner shall have the right to waive informalities and irregularities in the bids and in the bidding process and to accept the Bid which, in the Owner's judgment, is in the Owner's own best interests. A Bid not accompanied by a required bid security, or by other data required by the Bidding Documents, or a Bid which is in any way incomplete or irregular, is subject to rejection.

No Bidder shall withdraw, modify, or cancel his bid, or any part thereof, for a minimum of sixty (60) calendar days after the receipt of bids. The undersigned shall complete the total Work within the timeframe previously stated once the Owner indicates acceptance of this Bid Proposal by way of a written "Notice of Award" or "Letter of Intent" within this minimum sixty (60) day time period, or any time thereafter before the Bid is withdrawn.

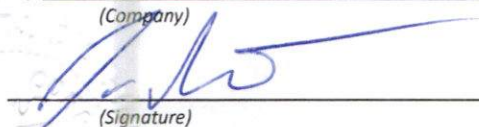
I/We certify that this Bid is made without previous understanding, agreement, or connection with any person, firm or corporation submitting a bid for the same items and/or services and is, in all respects fair and without collusion or fraud; that none of this company's officers, directors or its employees have been convicted of bribery, attempted bribery, or conspiracy to bribe under the laws of any state or federal government; and that no member of the Board of Education of Washington County, administrative or supervisory personnel or other employees of Washington County Public Schools have any interest in the bidding company except as follows: (complete if applicable)

N/A

Respectfully submitted,

By TJ Distributors, Inc.

(Company)



(Signature)

3/23/2022

(Date)

Jason Dinan

(Printed Name)

Treasurer

(Title)

2220 Commerce Road, Unit 5
Forest Hill, MD 21050

(Business Address)

410-638-6358

(Phone)

jason@tjdistributors.com

(e-mail address)

Bleacher Replacement at South Hagerstown High School

(SEAL) If bid is by Corporation

I/we the bidder represent, and agree that it is a precedent to acceptance of this bid, that the bidder has not been a party to any agreement to bid of fixed or uniform price.

[Handwritten Signature]

Treasurer

(Signature of Office & Title)

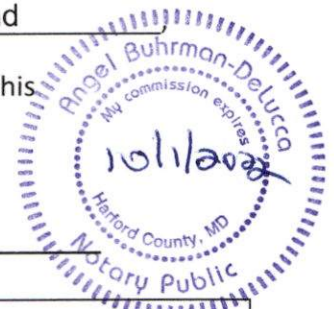
(SEAL)

SUBSCRIBED AND SWORN to before me, a Notary Public in the State of Maryland

County of Harford City of Forest Hill this

23rd day of March, 2022.

Commission Expires: *[Handwritten Signature]*



NOTICE: The Washington County Board of Education reserves the right to award any, all, or none due to budgetary constraints.

END OF FORM OF PROPOSAL 00 20 00

WASHINGTON COUNTY PUBLIC SCHOOLS
10435 Downsville Pike, Hagerstown, Maryland 21740

MANDATORY BID/PROPOSAL AFFIDAVIT

COMAR 21.05.08.07

Bidder shall complete and submit this bid/proposal affidavit to the Supervisor of Purchasing, Washington County Public Schools with the bid or offer.

A. AUTHORITY

I HEREBY AFFIRM THAT:

I (print name) Jason Dinan possess the legal authority to make this Affidavit.

B. CERTIFICATION REGARDING COMMERCIAL NONDISCRIMINATION

The undersigned bidder hereby certifies and agrees that the following information is correct: In preparing its bid on this project, the bidder has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not engaged in "discrimination" as defined in §19-103 of the State Finance and Procurement Article of the Annotated Code of Maryland. "Discrimination" means any disadvantage, difference, distinction, or preference in the solicitation, selection, hiring, or commercial treatment of a vendor, subcontractor, or commercial customer on the basis of race, color, religion, ancestry, or national origin, sex, age, marital status, sexual orientation, or on the basis of disability or any otherwise unlawful use of characteristics regarding the vendor's, supplier's or commercial customer's employees or owners. "Discrimination" also includes retaliating against any person or other entity for reporting any incident of "discrimination". Without limiting any other provision of the solicitation on this project, it is understood that, if the certification is false, such false certification constitutes grounds for the State to reject the bid submitted by the bidder on this project, and terminate any contract awarded based on the bid. As part of its bid or proposal, the bidder herewith submits a list of all instances within the past 4 years where there has been a final adjudicated determination in a legal or administrative proceeding in the State of Maryland that the bidder discriminated against subcontractors, vendors, suppliers, or commercial customers, and a description of the status or resolution of that determination, including any remedial action taken. Bidder agrees to comply in all respects with the State's Commercial Nondiscrimination Policy as described under Title 19 of the State Finance and Procurement Article of the Annotated Code of Maryland.

B-1 Certification Regarding Minority Business Enterprises.

The undersigned bidder hereby certifies and agrees that it has fully complied with the State Minority Business Enterprise Law, State Finance and Procurement Article, §14-308 (a)(2), Annotated Code of Maryland, which provides that, except as otherwise provided by law, a contractor may not identify a certified minority business enterprise in a bid or proposal and:

WASHINGTON COUNTY PUBLIC SCHOOLS
10435 Downsville Pike, Hagerstown, Maryland 21740

- (1) Fail to request, receive, or otherwise obtain authorization from the certified minority business enterprise to identify the certified minority proposal;
- (2) Fail to notify the certified minority business enterprise before execution of the contract of its inclusion in the bid or proposal;
- (3) Fail to use the certified minority business enterprise in the performance of the contract; or
- (4) Pay the certified minority business enterprise solely for the use of its name in the bid or proposal.

Without limiting any other provision of the solicitation on this project, it is understood that if the certification is false, such false certification constitutes grounds for the State to reject the bid submitted by the bidder on this project, and terminate any contract awarded based on the bid.

C. AFFIRMATION REGARDING BRIBERY CONVICTIONS

I FURTHER AFFIRM THAT:

Neither I, nor to the best of my knowledge, information, and belief, the above business (as is defined in Section 16-101(b) of the State Finance and Procurement Article of the Annotated Code of Maryland), or any of its officers, directors, partners, controlling stockholders, or any of its employees directly involved in the business's contracting activities including obtaining or performing contracts with public bodies has been convicted of, or has had probation before judgment imposed pursuant to Criminal Procedure Article, §6-220, Annotated Code of Maryland, or has pleaded nolo contendere to a charge of bribery, attempted bribery, or conspiracy to bribe in violation of Maryland law, or of the law of any other state or federal law, except as follows (indicate the reasons why the affirmation cannot be given and list any conviction, plea, or imposition of probation before judgment with the date, court, official or administrative body, the sentence or disposition, the name(s) of person(s) involved, and their current positions and responsibilities with the business):

N/A

D. AFFIRMATION REGARDING OTHER CONVICTIONS

I FURTHER AFFIRM THAT:

Neither I, nor to the best of my knowledge, information, and belief, the above business, or any of its officers, directors, partners, controlling stockholders, or any of its employees directly involved in the business's contracting activities including obtaining or performing contracts with public bodies, has:

WASHINGTON COUNTY PUBLIC SCHOOLS
10435 Downsville Pike, Hagerstown, Maryland 21740

- (1) Been convicted under state or federal statute of:
 - (a) A criminal offense incident to obtaining, attempting to obtain, or performing a public or private contract; or
 - (b) Fraud, embezzlement, theft, forgery, falsification or destruction of records or receiving stolen property;
- (2) Been convicted of any criminal violation of a state or federal antitrust statute;
- (3) Been convicted under the provisions of Title 18 of the United States Code for violation of the Racketeer Influenced and Corrupt Organization Act, 18 U.S.C. §1961 et seq., or the Mail Fraud Act, 18 U.S.C. §1341 et seq., for acts in connection with the submission of bids or proposals for a public or private contract;
- (4) Been convicted of a violation of the State Minority Business Enterprise Law, §14-308 of the State Finance and Procurement Article of the Annotated Code of Maryland;
- (5) Been convicted of a violation of §11-205.1 of the State Finance and Procurement Article of the Annotated Code of Maryland;
- (6) Been convicted of conspiracy to commit any act or omission that would constitute grounds for conviction or liability under any law or statute described in subsections (1)—(5) above;
- (7) Been found civilly liable under a state or federal antitrust statute for acts or omissions in connection with the submission of bids or proposals for a public or private contract; or
- (8) Been found in a final adjudicated decision to have violated the Commercial Nondiscrimination Policy under Title 19 of the State Finance and Procurement Article of the Annotated Code of Maryland with regard to a public or private contract; or
- (9) Admitted in writing or under oath, during the course of an official investigation or other proceedings, acts or omissions that would constitute grounds for conviction or liability under any law or statute described in §§B and C and subsections D (1)- (8) above, except as follows (indicate reasons why the affirmations cannot be given, and list any conviction, plea, or imposition of probation before judgment with the date, court, official or administrative body, the sentence or disposition, the name(s) of the person(s) involved and their current positions and responsibilities with the business, and the status of any debarment):

N/A

E. AFFIRMATION REGARDING DEBARMENT

WASHINGTON COUNTY PUBLIC SCHOOLS
10435 Downsville Pike, Hagerstown, Maryland 21740

I FURTHER AFFIRM THAT:

Neither I, nor to the best of my knowledge, information, and belief, the above business, or any of its officers, directors, partners, controlling stockholders, or any of its employees directly involved in the business's contracting activities, including obtaining or performing contracts with public bodies, has ever been suspended or debarred (including being issued a limited denial of participation) by any public entity, except as follows (list each debarment or suspension providing the dates of the suspension or debarment, the name of the public entity and the status of the proceedings, the name(s) of the person(s) involved and their current positions and responsibilities with the business, the grounds of the debarment or suspension, and the details of each person's involvement in any activity that formed the grounds of the debarment or suspension).

N/A

F. AFFIRMATION REGARDING DEBARMENT OF RELATED ENTITIES

I FURTHER AFFIRM THAT:

(1) The business was not established and it does not operate in a manner designed to evade the application of or defeat the purpose of debarment pursuant to Sections 16-101, et seq., of the State Finance and Procurement Article of the Annotated Code of Maryland; and

(2) The business is not a successor, assignee, subsidiary, or affiliate of a suspended or debarred business, except as follows (you must indicate the reasons why the affirmations cannot be given without qualification):

N/A

G. SUB-CONTRACT AFFIRMATION

I FURTHER AFFIRM THAT:

Neither I, nor to the best of my knowledge, information, and belief, the above business, has knowingly entered into a contract with a public body under which a person debarred or suspended under Title 16 of the State Finance and Procurement Article of the Annotated Code of Maryland will provide, directly or indirectly, supplies, services, architectural services, construction related services, leases of real property, or construction.

WASHINGTON COUNTY PUBLIC SCHOOLS
10435 Downsville Pike, Hagerstown, Maryland 21740

H. AFFIRMATION REGARDING COLLUSION

I FURTHER AFFIRM THAT:

Neither I, nor to the best of my knowledge, information, and belief, the above business has:

- (1) Agreed, conspired, connived, or colluded to produce a deceptive show of competition in the compilation of the accompanying bid or offer that is being submitted;
- (2) In any manner, directly or indirectly, entered into any agreement of any kind to fix the bid price or price proposal of the bidder or offeror or of any competitor, or otherwise taken any action in restraint of free competitive bidding in connection with the contract for which the accompanying bid or offer is submitted.

I. CERTIFICATION OF TAX PAYMENT

I FURTHER AFFIRM THAT:

Except as validly contested, the business has paid, or has arranged payment of, all taxes due the State of Maryland and has filed all required returns and reports with the Comptroller of the Treasury, the State Department of Assessments and Taxation, and the Department of Labor, Licensing, and Regulation, as applicable, and will have paid all withholding taxes due the State of Maryland prior to final settlement.

J. CONTINGENT FEES

I FURTHER AFFIRM THAT:

The business has not employed or retained any person, partnership, corporation, or other entity, other than a bona fide employee, bona fide agent, bona fide salesperson, or commercial selling agency working for the business, to solicit or secure the Contract, and that the business has not paid or agreed to pay any person, partnership, corporation, or other entity, other than a bona fide employee, bona fide agent, bona fide salesperson, or commercial selling agency, any fee or any other consideration contingent on the making of the Contract.

K. ACKNOWLEDGEMENT

I ACKNOWLEDGE THAT this Affidavit is to be furnished to the Procurement Officer and may be distributed to units of: (1) the State of Maryland; (2) counties or other subdivisions of the State of Maryland; (3) other states; and (4) the federal government. I further acknowledge that this Affidavit is subject to applicable laws of the United States and the State of Maryland, both criminal and civil, and that nothing in this Affidavit or any contract resulting from the submission of this bid or proposal shall be construed to supersede, amend, modify or waive, on behalf of the State of Maryland, or any unit of the State of Maryland having jurisdiction, the exercise of any statutory right or remedy conferred by the constitution and the laws of Maryland with respect to any misrepresentation made or any violation of the

WASHINGTON COUNTY PUBLIC SCHOOLS
10435 Downsville Pike, Hagerstown, Maryland 21740

obligations, terms, and covenants undertaken by the above business with respect to (1) this Affidavit, (2) the contract, and (3) other Affidavits comprising part of the contract.

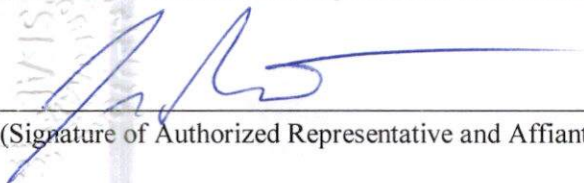
I DO SOLEMNLY DECLARE AND AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE CONTENTS OF THIS AFFIDAVIT ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF.

Date: 3/23/2022

By:

Jason Dinan, Treasurer

(Print name of Authorized Representative and Affiant)



(Signature of Authorized Representative and Affiant)

TJ Distributors, Inc.

(Company name)

APPROVAL OF CONTRACTS

LEA: Washington County

PSC No. 21.048.21SSGP

Project Name: Claud E. Kitchens Outdoor School at Fairview

Bid Opening: 6/13/22

Project Type: Site Improvements

Scope of Work: Security Fencing

Basis for Award of Contract: Quote

Basis of Funding: 100% of eligible quote up to max allocation

Local Funds: \$79,800

State Funds: \$155,000

Total Contract: \$234,800

State Contingency for Change Orders: 0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Long Fence Company	<u>\$234,800</u>
		<u>\$234,800</u>

- Notes:** (1) Install an electronically controlled security gate at the main entrance, and security fencing at various portions of the site.
 (2) Eligible for funding available within FY 2021 SSGP allocation for LEA at time of reimbursement request.
 (3) Prevailing wage rates do not apply to this contract.
 (4) All change orders are Local responsibility; change orders are not required to be submitted to the State for review. Final State funding is evaluated at time of project Close-Out.

IAC Approval Date:

WASHINGTON COUNTY PUBLIC SCHOOLS

Hagerstown, Maryland

Electronic Security Gate and Fencing at Claud E. Kitchens Fairview Outdoor School

FORM OF PROPOSAL – RFP 2022-72

Proposal of LONG FENCE COMPANY, INC.
(Corporation, a partnership, or an individual hereinafter called "Bidder") organized and doing business and existing under the laws of the state of MARYLAND.

I/We as the Bidder, in compliance with the Invitation to Bid for the selected contract package included herein, have examined the Bidding Documents, and have become familiar with all the conditions surrounding the construction of the proposed project, including the availability of materials and labor, hereby propose to furnish all labor, materials, services and equipment necessary to properly complete the Work in accordance with the Contract Documents and Addenda, and at the prices stated below. These prices are to cover all expenses incurred in performing the Work required under the Contract Documents, of which this Proposal is a part.

All prices include all applicable sales and/or use taxes and include all insurance premiums required.

PREQUALIFICATION

To become prequalified to bid this project, visit our website: <http://wcpsspurchasing.com/vendors-contractors/becoming-wcps-vendor>. The application to participate as a prime bidder in a construction or related project is a two-step process and both steps of the process must be successfully completed in order to submit a bid. **Bids received from contractors who have not been pre-qualified by the Purchasing Officer at least seven days prior to the bid opening will be refused or returned unopened to the sender.**

COMPLETION TIME – SCHEDULE OF WORK

I/We as the Bidder, agree to begin to perform the Work at the time stated in the "Notice to Award/Proceed" and to substantially complete the entire work in accordance with the provisions of the Contract Documents.

BASE BID WITHOUT PREVAILING WAGE

Bidders furnish all labor, materials, services, and equipment necessary to properly complete the Work required for the project at **Claud E. Kitchens Fairview Outdoor School** in strict accordance with the Contract Documents for the following lump sum total:

Lump Sum Total:

TWO HUNDRED THIRTY FOUR THOUSAND, EIGHT HUNDRED DOLLARS

(Amount in Words)

\$ 234,800.00

(Amount in numbers)

BASE BID WITH PREVAILING WAGE

Bidders furnish all labor, materials, services, and equipment necessary to properly complete the Work required for the project at **Claud E. Kitchens Fairview Outdoor School** in strict accordance with the Contract Documents for the following lump sum total:

Lump Sum Total:

TWO HUNDRED SEVENTY SEVEN THOUSAND, THREE HUNDRED DOLLARS
 (Amount in Words)

\$ 277,300.⁰⁰
 (Amount in numbers)

Informational Price Only (Bidders shall include design pricing in base bids above):

Amount of Lump Sum total dedicated to Design of Project: \$ 500.⁰⁰

ADDENDA

The following Addenda have been received and reviewed and all Work therein is incorporated in the Bid Form of Proposal:

(If none please write "NONE"):

Addendum No.	Date
<u>1</u>	<u>5/17/22</u>
<u>2</u>	<u>5/27/22</u>
<u>3</u>	<u>5/31/22</u>
<u>4</u>	<u>6/2/22</u>

ATTACHMENTS

The following items are **mandatory** and are to be included with the Bid Form of Proposal and Technical Proposal and shall be completed by the Bidder:

1. WCPS Bid/Proposal Affidavit
2. MBE Attachment A – See Section 00 43 39 – Minority Business Enterprise Procedures
3. MBE Attachment B – See Section 00 43 39 – Minority Business Enterprise Procedures

REPRESENTATIONS

I/We as the Bidder, have reviewed the bidding documents, and agree with the terms and conditions specified therein and submit this Bid Proposal in accordance.

The Owner reserves the right to reject any or all Bids. The Owner shall have the right to waive informalities and irregularities in the bids and in the bidding process and to accept the Bid which, in the Owner's judgment, is in the Owner's own best interests. A Bid not accompanied by a required bid security, or by other data required by the Bidding Documents, or a Bid which is in any way incomplete or irregular, is subject to rejection.

No Bidder shall withdraw, modify, or cancel his bid, or any part thereof, for a minimum of sixty (60) calendar days after the receipt of bids. The undersigned shall complete the total Work within the timeframe previously stated once the Owner indicates acceptance of this Bid Proposal by way of a written "Notice of Award" or "Letter of Intent" within this minimum sixty (60) day time period, or any time thereafter before the Bid is withdrawn.

I/We certify that this Bid is made without previous understanding, agreement, or connection with any person, firm or corporation submitting a bid for the same items and/or services and is, in all respects fair and without collusion or fraud; that none of this company's officers, directors or its employees have been convicted of bribery, attempted bribery, or conspiracy to bribe under the laws of any state or federal government; and that no member of the Board of Education of Washington County, administrative or supervisory personnel or other employees of Washington County Public Schools have any interest in the bidding company except as follows: (complete if applicable)

Respectfully submitted,

By LONG FENCE COMPANY, INC.
(Company)

(Signature)

06-13-22
(Date)

Lawrence J. Ritter, Sr.
Vice President

(Printed Name)

(Title)

2520 URBANA PIKE IJAMSVILLE, MD
(Business Address) 21754

301-662-1600
(Phone)

WJENKINS@LONGFENCE.COM
(e-mail address)

(SEAL) If bid is by Corporation

I/we the bidder represent, and agree that it is a precedent to acceptance of this bid, that the bidder has not been a party to any agreement to bid of fixed or uniform price.

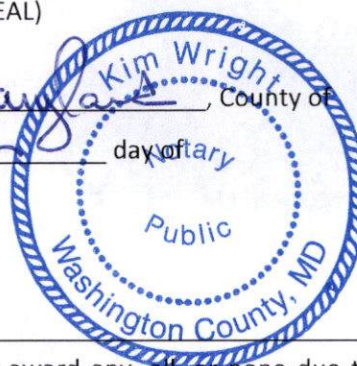
[Handwritten Signature]

(Signature of Office & Title) **Lawrence J. Ritter, Sr.** (SEAL)
Vice President



SUBSCRIBED AND SWORN to before me, a Notary Public in the State of Maryland, County of Washington City of Hagerstown this 13th day of June, 2022

Commission Expires: July 6, 2024



NOTICE: The Washington County Board of Education reserves the right to award any, all, or none due to budgetary constraints.

END OF FORM OF PROPOSAL

WASHINGTON COUNTY PUBLIC SCHOOLS
10435 Downsville Pike, Hagerstown, Maryland 21740

MANDATORY BID/PROPOSAL AFFIDAVIT

COMAR 21.05.08.07

Bidder shall complete and submit this bid/proposal affidavit to the Supervisor of Purchasing, Washington County Public Schools with the bid or offer.

A. AUTHORITY

I HEREBY AFFIRM THAT:

I (print name) Lawrence J. Ritter, ESQ possess the legal authority to make this Affidavit.

B. CERTIFICATION REGARDING COMMERCIAL NONDISCRIMINATION

The undersigned bidder hereby certifies and agrees that the following information is correct: In preparing its bid on this project, the bidder has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not engaged in "discrimination" as defined in §19-103 of the State Finance and Procurement Article of the Annotated Code of Maryland. "Discrimination" means any disadvantage, difference, distinction, or preference in the solicitation, selection, hiring, or commercial treatment of a vendor, subcontractor, or commercial customer on the basis of race, color, religion, ancestry, or national origin, sex, age, marital status, sexual orientation, or on the basis of disability or any otherwise unlawful use of characteristics regarding the vendor's, supplier's or commercial customer's employees or owners. "Discrimination" also includes retaliating against any person or other entity for reporting any incident of "discrimination". Without limiting any other provision of the solicitation on this project, it is understood that, if the certification is false, such false certification constitutes grounds for the State to reject the bid submitted by the bidder on this project, and terminate any contract awarded based on the bid. As part of its bid or proposal, the bidder herewith submits a list of all instances within the past 4 years where there has been a final adjudicated determination in a legal or administrative proceeding in the State of Maryland that the bidder discriminated against subcontractors, vendors, suppliers, or commercial customers, and a description of the status or resolution of that determination, including any remedial action taken. Bidder agrees to comply in all respects with the State's Commercial Nondiscrimination Policy as described under Title 19 of the State Finance and Procurement Article of the Annotated Code of Maryland.

B-1 Certification Regarding Minority Business Enterprises.

The undersigned bidder hereby certifies and agrees that it has fully complied with the State Minority Business Enterprise Law, State Finance and Procurement Article, §14-308 (a)(2), Annotated Code of Maryland, which provides that, except as otherwise provided by law, a contractor may not identify a certified minority business enterprise in a bid or proposal and:

WASHINGTON COUNTY PUBLIC SCHOOLS
10435 Downsville Pike, Hagerstown, Maryland 21740

- (1) Fail to request, receive, or otherwise obtain authorization from the certified minority business enterprise to identify the certified minority proposal;
- (2) Fail to notify the certified minority business enterprise before execution of the contract of its inclusion in the bid or proposal;
- (3) Fail to use the certified minority business enterprise in the performance of the contract; or
- (4) Pay the certified minority business enterprise solely for the use of its name in the bid or proposal.

Without limiting any other provision of the solicitation on this project, it is understood that if the certification is false, such false certification constitutes grounds for the State to reject the bid submitted by the bidder on this project, and terminate any contract awarded based on the bid.

C. AFFIRMATION REGARDING BRIBERY CONVICTIONS

I FURTHER AFFIRM THAT:

Neither I, nor to the best of my knowledge, information, and belief, the above business (as is defined in Section 16-101(b) of the State Finance and Procurement Article of the Annotated Code of Maryland), or any of its officers, directors, partners, controlling stockholders, or any of its employees directly involved in the business's contracting activities including obtaining or performing contracts with public bodies has been convicted of, or has had probation before judgment imposed pursuant to Criminal Procedure Article, §6-220, Annotated Code of Maryland, or has pleaded nolo contendere to a charge of bribery, attempted bribery, or conspiracy to bribe in violation of Maryland law, or of the law of any other state or federal law, except as follows (indicate the reasons why the affirmation cannot be given and list any conviction, plea, or imposition of probation before judgment with the date, court, official or administrative body, the sentence or disposition, the name(s) of person(s) involved, and their current positions and responsibilities with the business):

D. AFFIRMATION REGARDING OTHER CONVICTIONS

I FURTHER AFFIRM THAT:

Neither I, nor to the best of my knowledge, information, and belief, the above business, or any of its officers, directors, partners, controlling stockholders, or any of its employees directly involved in the business's contracting activities including obtaining or performing contracts with public bodies, has:

WASHINGTON COUNTY PUBLIC SCHOOLS
10435 Downsville Pike, Hagerstown, Maryland 21740

- (1) Been convicted under state or federal statute of:
 - (a) A criminal offense incident to obtaining, attempting to obtain, or performing a public or private contract; or
 - (b) Fraud, embezzlement, theft, forgery, falsification or destruction of records or receiving stolen property;
 - (2) Been convicted of any criminal violation of a state or federal antitrust statute;
 - (3) Been convicted under the provisions of Title 18 of the United States Code for violation of the Racketeer Influenced and Corrupt Organization Act, 18 U.S.C. §1961 et seq., or the Mail Fraud Act, 18 U.S.C. §1341 et seq., for acts in connection with the submission of bids or proposals for a public or private contract;
 - (4) Been convicted of a violation of the State Minority Business Enterprise Law, §14-308 of the State Finance and Procurement Article of the Annotated Code of Maryland;
 - (5) Been convicted of a violation of §11-205.1 of the State Finance and Procurement Article of the Annotated Code of Maryland;
 - (6) Been convicted of conspiracy to commit any act or omission that would constitute grounds for conviction or liability under any law or statute described in subsections (1)—(5) above;
 - (7) Been found civilly liable under a state or federal antitrust statute for acts or omissions in connection with the submission of bids or proposals for a public or private contract; or
 - (8) Been found in a final adjudicated decision to have violated the Commercial Nondiscrimination Policy under Title 19 of the State Finance and Procurement Article of the Annotated Code of Maryland with regard to a public or private contract; or
 - (9) Admitted in writing or under oath, during the course of an official investigation or other proceedings, acts or omissions that would constitute grounds for conviction or liability under any law or statute described in §§B and C and subsections D (1)- (8) above, except as follows (indicate reasons why the affirmations cannot be given, and list any conviction, plea, or imposition of probation before judgment with the date, court, official or administrative body, the sentence or disposition, the name(s) of the person(s) involved and their current positions and responsibilities with the business, and the status of any debarment):
-
-
-

E. AFFIRMATION REGARDING DEBARMENT

WASHINGTON COUNTY PUBLIC SCHOOLS
10435 Downsville Pike, Hagerstown, Maryland 21740

I FURTHER AFFIRM THAT:

Neither I, nor to the best of my knowledge, information, and belief, the above business, or any of its officers, directors, partners, controlling stockholders, or any of its employees directly involved in the business's contracting activities, including obtaining or performing contracts with public bodies, has ever been suspended or debarred (including being issued a limited denial of participation) by any public entity, except as follows (list each debarment or suspension providing the dates of the suspension or debarment, the name of the public entity and the status of the proceedings, the name(s) of the person(s) involved and their current positions and responsibilities with the business, the grounds of the debarment or suspension, and the details of each person's involvement in any activity that formed the grounds of the debarment or suspension).

F. AFFIRMATION REGARDING DEBARMENT OF RELATED ENTITIES

I FURTHER AFFIRM THAT:

(1) The business was not established and it does not operate in a manner designed to evade the application of or defeat the purpose of debarment pursuant to Sections 16-101, et seq., of the State Finance and Procurement Article of the Annotated Code of Maryland; and

(2) The business is not a successor, assignee, subsidiary, or affiliate of a suspended or debarred business, except as follows (you must indicate the reasons why the affirmations cannot be given without qualification):

G. SUB-CONTRACT AFFIRMATION

I FURTHER AFFIRM THAT:

Neither I, nor to the best of my knowledge, information, and belief, the above business, has knowingly entered into a contract with a public body under which a person debarred or suspended under Title 16 of the State Finance and Procurement Article of the Annotated Code of Maryland will provide, directly or indirectly, supplies, services, architectural services, construction related services, leases of real property, or construction.

WASHINGTON COUNTY PUBLIC SCHOOLS
10435 Downsville Pike, Hagerstown, Maryland 21740

H. AFFIRMATION REGARDING COLLUSION

I FURTHER AFFIRM THAT:

Neither I, nor to the best of my knowledge, information, and belief, the above business has:

- (1) Agreed, conspired, connived, or colluded to produce a deceptive show of competition in the compilation of the accompanying bid or offer that is being submitted;
- (2) In any manner, directly or indirectly, entered into any agreement of any kind to fix the bid price or price proposal of the bidder or offeror or of any competitor, or otherwise taken any action in restraint of free competitive bidding in connection with the contract for which the accompanying bid or offer is submitted.

I. CERTIFICATION OF TAX PAYMENT

I FURTHER AFFIRM THAT:

Except as validly contested, the business has paid, or has arranged payment of, all taxes due the State of Maryland and has filed all required returns and reports with the Comptroller of the Treasury, the State Department of Assessments and Taxation, and the Department of Labor, Licensing, and Regulation, as applicable, and will have paid all withholding taxes due the State of Maryland prior to final settlement.

J. CONTINGENT FEES

I FURTHER AFFIRM THAT:

The business has not employed or retained any person, partnership, corporation, or other entity, other than a bona fide employee, bona fide agent, bona fide salesperson, or commercial selling agency working for the business, to solicit or secure the Contract, and that the business has not paid or agreed to pay any person, partnership, corporation, or other entity, other than a bona fide employee, bona fide agent, bona fide salesperson, or commercial selling agency, any fee or any other consideration contingent on the making of the Contract.

K. ACKNOWLEDGEMENT

I ACKNOWLEDGE THAT this Affidavit is to be furnished to the Procurement Officer and may be distributed to units of: (1) the State of Maryland; (2) counties or other subdivisions of the State of Maryland; (3) other states; and (4) the federal government. I further acknowledge that this Affidavit is subject to applicable laws of the United States and the State of Maryland, both criminal and civil, and that nothing in this Affidavit or any contract resulting from the submission of this bid or proposal shall be construed to supersede, amend, modify or waive, on behalf of the State of Maryland, or any unit of the State of Maryland having jurisdiction, the exercise of any statutory right or remedy conferred by the constitution and the laws of Maryland with respect to any misrepresentation made or any violation of the

WASHINGTON COUNTY PUBLIC SCHOOLS
10435 Downsville Pike, Hagerstown, Maryland 21740

obligations, terms, and covenants undertaken by the above business with respect to (1) this Affidavit, (2) the contract, and (3) other Affidavits comprising part of the contract.

I DO SOLEMNLY DECLARE AND AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE CONTENTS OF THIS AFFIDAVIT ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF.

Date: 06-13-22

By:

(Print name of Authorized Representative and Affiant)



(Signature of Authorized Representative and Affiant) **Lawrence J. Ritter, Sr.**
Vice President

LONG FENCE COMPANY, INC.
(Company name)

RFP 2022-72
Electronic Security Gate and Fencing at Claud
E. Kitchens Fairview Outdoor School
Tabulation

	Long Fence Company, Inc.
Base Bid	\$ 234,800
Acknowledgement of Addenda	✓
Mandatory Bid/Proposal Affidavit	✓

APPROVAL OF CONTRACTS

LEA: Baltimore City

PSC No. 30.096.22 HSFF

Project Name: #236 Hamilton PK-8

Bid Opening: 03/11/22

Project Type: Systemic Renovation

Scope of Work: Design fees for roof replacement

Basis for Award of Contract: Quote

Basis of Funding: 96% of eligible quote

Local Funds: \$31,002

State Funds: \$96,000

Total Contract: \$127,002

State Contingency for Change Orders: 0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	K Dixon Architecture, Inc.	<u>\$127,002</u>
		<u>\$127,002</u>

- Notes:** (1) Design fees for the replacement of the 19,640 sf roof.
 (2) Prevailing wage rates do not apply to this contract.
 (3) Eligible for funding available within FY 2022 HSFF allocation for LEA at time of reimbursement request.
 (4) All change orders are Local responsibility; change orders are not required to be submitted to the State for review. Final State funding is evaluated at time of project Close-Out.

IAC Approval Date:

**Baltimore City Public School
Request for Fee Proposal
Architectural Design Consultant Services
Roof Replacement Design Services at
Hamilton Pre-K to 8 School #236
Contract: RFP-20007
Solicitation: IFB-22090
Company Name: K Dixon Architecture, Inc.
Due Date: Wednesday, February 23, 2022, by 11:00 a.m.**

Baltimore City Public Schools is requesting an on-call architectural consultant to submit a fee proposal for Roof Replacement Design Services at Hamilton Pre-K to 8 School #236.

Fee Proposal shall be delivered via e-mail to Mr. Stuart Feldman at [safeldman@bcps.k12.md.us](mailto:sfeldman@bcps.k12.md.us).

Scope of Work:

City Schools is asking selected on-call architectural consulting firm to submit a fee proposal for Roof Replacement Design Services at Hamilton Pre-K to 8 School #236, under existing Contract RFP-20007. The scope and requirements of this proposal are outlined in the following pages.

Total Lump Sum Price = \$ One hundred twenty-seven and two (\$ 127,002)

Note: Attached MBE form for project shall be returned to City Schools together with fee proposal on a due date for review by the Minority Office on compliance with contract requirements.

For any additional information related to this request, please contact Ms. Cynthia Smith at csmith03@bcps.k12.md.us or call (410) 361-9212.

The City Schools design project manager for this project will be Phil Scott. Please contact him at pscott@bcps.k12.md.us for existing building information or to set up site visits.

Proposal Prepared by:

Company Name:

K DIXON ARCHITECTURE, PLLC

Company Address:

145 W Ostend Street, Suite 600, Baltimore MD 21230

Individual Name & Title:

Kathy Dixon, Principal

Telephone:

301.364.5053

E-Mail:

kdixon@kdixonarchitecture.com



K. Dixon Architecture, PLLC
145 W Ostend Street, Suite 600,
Baltimore, MD 21230
301.364.5053 ph
301.686.8587 fx
info@kdixonarchitecture.com
www.kdixonarchitecture.com

March 11, 2022

Baltimore City Public Schools
200 E. North Ave.
Baltimore, MD 21202
443-984-3389

Attention: Stuart Feldman, Senior Buyer
Email: SAfeldman@bcps.k12.md.us

Re: IFB-22090 Roof Replacement Design Services at Hamilton Pre-K – 8 School #236 located at 6101 Old Hartford Road, Baltimore, MD 21214

Dear Mr. Stuart Feldman,

We are pleased to submit this proposal to provide Architectural and Engineering Services for the Baltimore City Public Schools (BCPS) IFB-22090 Roof Replacement project at the Hamilton Pre-K – 8 School #236.

Based on the documents provided and past verbal and written communications, the following is our proposal for the architectural and engineering services offered by **K. Dixon Architecture, PLLC (KDA)**, contract RFP-20007 to Baltimore City Public Schools, as defined in the Scope of Project and the Scope of Services.

Project understanding

This project is to replace the entire, approximately 19,640 sf roof, with a new 80 mil TPO roof assembly to meet BCPS design standards. The new roof is to meet 2018 IBC / IECC / IgCC building codes

- Remove the existing roof assembly and all associated flashing and accessories down to the existing structural roof deck(s).
- Remove all existing flashing, accessories, roof drains, gutters, downspouts, scuppers, roof-mounted exhaust fans and vents, roof access hatches or doors, louvers, ladders, roof edge coping, parapet coping and expansion joint coping.
- Repair any damaged roof deck.
- Close any unused openings in roof deck.
- Roof design will have a minimum of R-30 base insulation. Minimum roof slope to be ¼" per foot on existing sloped deck (if present) or additional tapered insulation.

- Replace all flashing, accessories, roof drains, gutters, downspouts, scuppers, roof access hatches or doors, louvers, ladders, roof edge coping, parapet coping and expansion joint coping.
- Replace roof-mounted exhaust fans and vents.
- Disconnect, reset and reconnect larger rooftop hvac units.
- Cell phone signal equipment will be excluded from the scope, and must be removed by providers prior to this demolition.

The project budget for this project has been established at \$1,000,000 as per the documentation provided with the RFP under the request for approval of planning / funding.

Part I - Scope of the Project

The scope of work is based on our team providing architectural and engineering services with interim reviews by BCPS and IAC at 60% and 95% completion, submitting and obtaining the building permit upon 100% completion, bidding services, and construction administration services as defined in the as required during construction which is planned for the Summer of 2023.

The scope of work anticipated for KDA's A/E team is as follows:

1. The A/E team will participate in a project kickoff meeting approximately March 9th, 2022
2. Conduct an existing building survey associated with the project understanding.
 1. See **Part II Scope of Work** below for detailed scope requirements.
3. 60% Submission:
 1. The A/E team will prepare a 60% Development Submission based on the project understanding. This submission would include (3) hard copies and a digital copy of all drawings, specifications, and an initial cost estimate.
 2. The Architect will participate in a review meeting with BCPS after the 60% submission
 3. The A/E team will proceed to prepare a 95% Development Submission based upon approval and notice to proceed by BCPS of the 60% submission and review.
4. The 95% submission will be prepared and submitted to two separate agencies:
 1. BCPS Submission
 - a. (2) hard copies and a digital copy of all drawings, specifications, and an updated cost estimate.
 - b. The Architect will participate in a review meeting with BCPS after the 95% submission. Upon approval we will then submit for IAC/DGS Submission.
 2. IAC/DGS Submission
 - a. (1) copy of signed and sealed drawings
 - b. (1) copy of bound specifications
 - c. (1) copy of cost estimate
 - d. Signed and sealed drawings in PDF format. Electronical signatures are acceptable per DGS.
 - e. Specifications in PDF format with bookmarks
 - f. Cost estimate forms, signed, in PDF format

- g. Design calculations as required
- 5. The 100% submission will be used for Permit and Bidding. Permit Services will be as provided in the RFP.
- 6. Bid Services will be provided as described in the RFP.
 - 1. See **Part II Scope of Work** below for detailed scope requirements.
- 7. Construction Administration Services: The A/E team expects a (6) month duration of the project.
 - 1. Architect will complete the Building Maintenance Plan Spreadsheet as has been provided by BCPS.
 - 2. Architect to provide project closeout record documents of the following:
 - a. Record drawings in PDF based on contractor's redline markup.
 - b. Specifications in Word format.
 - c. Drawings in CAD format with field changes.
 - 3. See **Part II Scope of Work** below for detailed scope requirements.

Part II - Scope of Work

Our work will involve providing architectural and engineering design services per the above-stated project understanding. These services are broken into distinct design and construction related phases and sequential parts. The scope of work is based on our previous discussions and will be executed in the following phases:

- 1. **Existing Conditions (EC):** Conduct an existing building survey associated with project understanding to provide as follows:
 - a. Surveying the exterior perimeter of all existing walls, parapet heights and construction, and structural roof elevations.
 - b. Survey will include the assessment by a building envelope consultant to determine of the construction/depth of the existing roofing assemblies to be removed.
 - c. Survey will identify and locate all doors, louvers, hatches and ladders that are to be replaced within the project scope.
 - d. Survey will identify and locate all locations of expansion joints/covers that that are to be replaced within the project scope.
 - e. Survey will identify the location and type of all building drainage elements (i.e. roof drains, scuppers, etc.).
 - f. Survey of interior building if required to provide for primary or secondary drain system.
 - g. Survey will identify the location and type of all existing rooftop mounted HVAC equipment, and associated piping, conduit, etc.

From the existing conditions survey the A/E team will prepare an existing condition base drawing to provide the ground-work for the 60% submission.

- 2. **60% Submission:** – Work includes the development of the design using the existing conditions assessment to provide for the design of a new 80 mil TPO roof assembly as described in the **Project Understanding**. Project will be submitting to BCPS and appropriate agencies as

specifically stated above in **Part 1**.

- 60% Submission Drawings (Floor Plans, Exterior Elevations, and Typical Details)
 - A design narrative including cut sheets of key materials and outline specifications
 - MEP Development Drawings
3. **95% Submission (CD):** Provide a complete set Arch/MEP plans/documents (floor plans, elevations, sections, details, schedules, specifications, cost estimates, etc.) for building construction/use as specifically stated above in **Part 1**.
4. **100% Submission – for permit and bid:**
A/E team will review 95% comments and make any necessary adjustments to the project documents prior to submission of permit and bidding documents.

The A/E team will prepare the building permit submittal package and apply for the required building permit as defined in **Part 1**. The A/E team will address any/all comments from the permit review staff. Coordinate/meet with building permit review staff, as necessary. Any required permit documents adjustments/revisions necessary during the permit review process will be the responsibility of KDA and will not incur any additional cost to BCPS unless there is a change in the project scope. The fees associated with the permit(s), applications, printing, etc. are included within our base fee.

Any ancillary permits and/or approvals required (Board of Zoning Appeals, Public Space, etc.) are explicitly excluded from this scope of work and will be considered additional services, unless noted otherwise herein.

The A/E team will prepare bid the submission package and deliver to BCPS as defined within **Part 1**.

5. **Bid Services:**

The Architect will attend the pre-bid meeting unless asked otherwise by the Project Manager. If not, an additional site visit will be provided during construction series.

The A/E team will respond to bid questions, clarification and inquiries and prepare Addenda as required.

6. **Construction Consultation/Administration:**

The A/E team will provide the following services:

1. Review of shop drawings and submittals
2. Review and comment the following:
 - a. Contractor construction schedule
 - b. Contractor payment applications
 - c. Operations and maintenance manuals
 - d. Construction contract change orders



3. Respond to Contractor RFI's to assist in resolving field conditions during the construction process as necessary
4. Attend the pre-construction meeting
5. Architect expects to attend (6) construction meetings.
6. Coordinate with City code officials as necessary.
7. Architect expects to participate in 2 punch list walk throughs

Part III – Items to be supplied by BCPS:

1. Any current building plans, site plans, plat, site survey, or other available plans including CAD files
2. BCPS Division 00 specifications for bidding to be provided within the project manual
3. BCPS latest Design Standards to be provided within 30 days of RFP submission.
4. Any information necessary for submission to the permit department.

Part IV – Items not included (excluded)

1. Boundary, topographic surveys of the property
2. Civil Engineering / Landscape Design
3. Hazmat Survey / Environmental Consultant
4. Ancillary permits and/or approvals required (Board of Zoning Appeals, Public Space, etc.)
5. LEED or other sustainable design registration / certification
6. Acoustical Consultant

Team Information:

The KDA team consists of the following professional services firms:

Architect:

K. Dixon Architecture, PLLC
145 West Ostend Street, Suite 600
Baltimore, MD 21230

MEP Engineer:

Min Engineering (MBE)
10 Sudbrook Lane
Pikesville, MD 21208

Structural Engineer:

Albrecht Engineering (WBE)
3500 Boston Street, Ms-12, Suite 329
Baltimore, MD 21224

Cost Estimator:

Kumi Construction Management Corporation (MBE)



4530 Wisconsin Ave, NW, Suite 450
Washington, DC 20016

Building Envelope Consultant:
Coleman Consulting (WBE)
205 South Tyron Road
Baltimore, MD 21212

Proposed Project Schedule Summary

Assumed NTP/PO: TBD
Project Kick-off meeting: TBD
60% Submission: June 1, 2022
95% and DGS Submission: August 3, 2022
Bid Documents Submission: September 21, 2022
Construction: Summer 2023

The above project schedule will be reviewed and approved by BCPS at the kickoff meeting.

Compensation:

This proposal will be performed on a Lump Sum price and disbursed in accordance with the agreed upon project milestones.

Any additional services beyond the defined Scope of Work will be performed on a time and expenses basis in accordance with our approved on-call contract (RFP-20007) be approved by BCPS in writing before commencement.

Architectural / Engineering Fee:

Existing Conditions	\$12,072
60% Submission	\$33,734
95% Submission	\$42,431
100% DGS / Bidding Submission	\$14,351
Bidding	\$ 8,385
Construction Administration	\$12,578

Expenses

In-Direct Costs	\$ 3,450
-----------------	----------

Grand Total Fee for A/E Service **\$127,002**
(One Hundred twenty-seven thousand and two dollars)

Disbursements incurred by KDA in the interest of the Project shall be reimbursed by BCPA to KDA upon receipt of KDA's invoices at each phase.

Indirect Costs (Included in Base Fee)



Travel
Printing and shipping

Progress Milestone Payment Schedule

- 1. 30% Existing Conditions and 60% Submission
- 2. 40% 95% Submission
- 3. 10% 100% Submission
- 4. 5% Bidding
- 5. 15% Construction Administration – Monthly as a percentage of the total fee

KDA shall perform its services in a professional manner consistent with a mutually agreed upon schedule. KDA shall not be responsible for delays caused by circumstances beyond their control.

Respectfully,

Kathy Denise Dixon, FAIA, NOMAC, LEED AP+, NCARB, CDT
K. Dixon Architecture, PLLC

Client

Date

Attachments:

- 1. MBE Attachment_Final_R1 – Hamilton
- 2. Hamilton 1- AE Fee Proposal
- 3. Hamilton 2- KDA Fee Schedule
- 4. Hamilton 3- KDA Fee Calculation

Fee Summary

Roof Replacement Design Services at the Hamilton PK-8 School #236

RFP No.: IFB-22090

The submitting firm agrees to perform all A/E Services as outlined below.

Item Description	Proposed Fee
Design Phase	\$102,589
Existing Conditions	\$ 12,072
60% Submission	\$ 33,734
95% Submission	\$ 42,431
100% Submission	\$ 14,351
Bidding Phase	\$8,385
Bidding Phase	\$ 8,385
Construction Phase	\$12,578
Construction Admin Phase	\$ 12,578
Expenses	\$3,450
In-Direct Costs	\$ 3,450
GRAND TOTAL FEE	\$ 127,002

K Dixon Architecture, PLLC

Kathy Dixon

VENDOR NAME

(print name)

145 W Ostend Street, Suite 600, Baltimore, MD 21230

Address



SIGNATURE

301.364.5053

PHONE #

kdixon@kdixonarchitecture.com

3/11/2022

EMAIL ADDRESS

DATE

Attachment 2

Fee Schedule	
CLIENT	Baltimore City Public Schools
PROJECT TITLE:	Roof Replacement Design Services at the Hamilton PK-8 School #236
PROJECT LOCATION:	6101 Old Harford Road, Baltimore, MD
CLIENT PROJECT NUMBER:	RFP No.: IFB-22090
A/E Firm	K Dixon Architecture PLLC

Dated: February 23, 2022

Fee Schedule						
Project Phase	ARCH	MEP	STRUCTURAL	COST CONSULTANT	ENVELOPE CONSULTANT	
	Fee	Fee	Fee	Fee	Fee	Fee
Consultant Name	K DIXON ARCHITECTS	MIN ENGINEERING	ALBRECHT ENGINEERING	KUMI CONSULTANTS	COLEMAN CONSULTANTS	
Existing Conditions	\$9,788	\$0	\$500	\$0	\$1,784	\$ 12,072
60% Submission	\$20,183	\$6,895	\$1,110	\$3,385	\$2,161	\$ 33,734
95% Submission	\$28,497	\$7,309	\$1,360	\$2,734	\$2,531	\$ 42,431
100% DGS / Bidding Submission	\$9,336	\$2,499	\$0	\$1,693	\$824	\$ 14,351
Bidding	\$8,025	\$360	\$0	\$0	\$0	\$ 8,385
Construction Admin Phase	\$10,198	\$1,880	\$500	\$0	\$0	\$ 12,578
Total	\$86,026	\$18,943	\$3,470	\$7,813	\$7,300	
MBE Participation	33.9%	14.9%		6.2%		54.9%
WBE Participation	33.9%		2.7%			36.6%
Total MBE / WBE Participation						92%
Sub-Total						\$ 123,552
In-Direct Costs						\$ 3,450
Total Fee						\$ 127,002

FEES FOR DESIGN SERVICES															Fee Calculation Sheet	
CLIENT		Baltimore City Public Schools														
PROJECT TITLE:		Roof Replacement Design Services at the Hamilton PK-8 School #236														
PROJECT LOCATION:																
CLIENT PROJECT NUMBER:		RFP No.: IFB-22090														
CLIENT PROJECT MANAGER:		Phillip L Scott, NCARB, A.I.A.														
A/E FIRM:		K Dixon Architecture PLLC														
ADDRESS:		145 W Ostend Street, Suite 600, Baltimore, MD 21230														
DATE:		February 23, 2022														
BASIC SERVICES																
I. DIRECT COSTS																
DISCIPLINE	BILLING RATE	Existing Conditions		60% Submission		95% Submission		100% DGS / Bidding Submission		Bidding		Construction Admin Phase		TOTALS		
		HRS	\$ AMT	HRS	\$ AMT	HRS	\$ AMT	HRS	\$ AMT	HRS	\$ AMT	HRS	\$ AMT	HRS	\$ AMT	
K DIXON ENGINEERING (ARCH)																
(list all positions below)																
Contract Manager	\$191	4	\$766	4	\$766	4	\$766	2	\$383		\$0	2	\$383	16	\$3,064	
Principal in Charge	\$202		\$0	2	\$404	2	\$404		\$0		\$0		\$0	4	\$807	
Project Manager	\$180	4	\$721	12	\$2,163	20	\$3,605	12	\$2,163	8	\$1,442	20	\$3,605	76	\$13,699	
QA/QC	\$166		\$0		\$0	24	\$3,974		\$0		\$0		\$0	24	\$3,974	
Sustainability Coordinator	\$140		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	
Senior Architect	\$155	12	\$1,863	12	\$1,863	44	\$6,831	16	\$2,484	20	\$3,105	24	\$3,726	128	\$19,872	
Architect	\$140	12	\$1,677	48	\$6,707	48	\$6,707	16	\$2,236	16	\$2,236		\$0	140	\$19,562	
Designer	\$104	12	\$1,242	80	\$8,280	60	\$6,210	20	\$2,070	12	\$1,242	24	\$2,484	208	\$21,528	
CADD Technician	\$88	40	\$3,519		\$0		\$0		\$0		\$0		\$0	40	\$3,519	
			\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	
Sub-Total		84	\$9,788	158	\$20,183	202	\$28,497	66	\$9,336	56	\$8,025	70	\$10,198	636	\$86,026	
ASSOCIATE ARCH																
(list all positions below)																
Principal in Charge	\$180		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	
Senior Architect	\$140		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	
Designer	\$104		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	
Sub-Total		0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	
MEP ENGINEERING (MEP)																
(list all positions below)																
MEP Principal	\$180		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	
MEP Project Manager	\$143	0	\$0	5	\$715	3	\$429	3	\$429	0	\$0	0	\$0	11	\$1,573	
Senior Engineer	\$120	0	\$0	29	\$3,480	26	\$3,120	9	\$1,080	3	\$360	10	\$1,200	77	\$9,240	
Engineer	\$82		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	
Designer	\$70	0	\$0	24	\$1,680	34	\$2,380	9	\$630	0	\$0	8	\$560	75	\$5,250	
CADD Technician	\$60	0	\$0	17	\$1,020	23	\$1,380	6	\$360	0	\$0	2	\$120	48	\$2,880	
Sub-Total		0	\$0	41	\$6,895	57	\$7,309	15	\$2,499	0	\$360	10	\$1,880	123	\$18,943	
ALBRECHT ENGINEERING - STRUCTURAL																
(list all positions below)																
Senior Structural Engineer	\$180		\$0	2	\$360	2	\$360		\$0		\$0		\$0	4	\$720	
Structural Engineer	\$125	4	\$500	6	\$750	8.00	\$1,000		\$0		\$0	4	\$500	22	\$2,750	
Sub-Total		4	\$500	8	\$1,110	10	\$1,360	0	\$0	0	\$0	4	\$500	26	\$3,470	
KUMI COST CONSULTANTS																
(list all positions below)																
Cost Estimator	\$130		\$0	26	\$3,385	21	\$2,734	13	\$1,693		\$0		\$0	60	\$7,813	
			\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	
Sub-Total		0	\$0	26	\$3,385	21	\$2,734	13	\$1,693	0	\$0	0	\$0	60	\$7,813	
COLEMAN CONSULTANTS - BLDG ENVELOPE																
(list all positions below)																
Principal	\$227	1	\$227	1	\$227	1	\$227		\$0		\$0		\$0	3	\$681	
Engineer/Project Manager	\$185	8	\$1,480	10	\$1,850	12	\$2,220	4	\$740		\$0		\$0	34	\$6,290	
Structural Engineer	\$157		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	
CADD Technician	\$128		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	
Field Technician	\$118		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	
Administrator	\$84	0.92	\$77	1	\$84	1	\$84	1	\$84		\$0		\$0	4	\$329	
Sub-Total		10	\$1,784	12	\$2,161	14	\$2,531	5	\$824	0	\$0	0	\$0	41	\$7,300	
SUMMARY OF DIRECT COSTS															\$123,552	
II. INDIRECT COSTS																
NAME	Type	Quantity	Unit Cost													
Printing Costs - Includes Shipping Cost	60% Review Set - Drawings, Specs Cost Estimate	3	\$150.00													
	95% Review Set - Drawings, Specs Cost Estimate	3	\$250.00													
	Bid Submission - Drawings, Specs Cost Estimate	4	\$250.00													
	Record Set - Drawings	1	\$250.00													
Traveling																
SUMMARY OF INDIRECT COSTS															\$ 1,000	
1. DIRECT COSTS:															\$ 123,552	
2. INDIRECT COSTS:															\$ 3,450	
PROJECT COST - BASIC SERVICES															\$ 127,002	

Item 1C. Approval of Revisions to Previously Approved Contracts

Motion:

To approve revisions to two previously approved contract awards to accurately reflect the correct allocation amount for the Mardela Middle School/High School contract and to remove the reversion for the #083 William Paca Elementary School roof replacement and design fees contract.

Background Information:

June 8th, 2022 - Approval of Contracts

Wicomico County

Mardela M/HS

PSC#22.018.22/23 LP/C

Type: Construction - Renovation/Addition

Correct allocation amounts to \$25,815,508 from \$52,536,000 as a result of additional funding allocations made in the FY 2023 CIP

June 8th, 2022 - Approval of Contracts

Baltimore City

#083 William Paca ES

PSC#30.042.21 HSFF

Type: Systemic Renovation - Roof Replacement, Design fees

To remove the reversion of funds from the project allocation, no reversion of funds is required at this time.

Item 1D. Project Closeouts

Motion:

To approve the final State project costs as presented and to remove the projects from the active project detailed financial report.

Background Information:

The projects identified in the attached report are complete and reimbursed. IAC staff recommends that the IAC approve the final State allocation, contract, and expenditure amounts as presented. This action by the IAC allows the projects to be removed from the active project detailed financial reports.



INTERAGENCY COMMISSION ON SCHOOL CONSTRUCTION (IAC)
PUBLIC SCHOOL CONSTRUCTION PROGRAM
REPORT OF ACTIVE STATE CIP PROJECTS FOR CLOSEOUT
 As of August 26, 2022

PROJECT NAME PSC - #PID	PROJECT TYPE	CIP YEAR(S) IAC DATE	ALLOCATION	CONTINGENCY	CONTRACTED/ % CONTRACTED	EXPENDITURES/ % EXPENDED	UNCONTRACTED ALLOCATION	UNEXPENDED CONTRACT	DATE OF LAST CONTRACT ACTION	# OF MONTHS SINCE DATE OF LAST EXPENDITURE	PROJECT STATUS
Allegany County											
Allegany High - C-Replacement 01.038.2006/2015/2017/2018/2019 -#9,688		2013 LP 2017, 2018, 2019 07/2016	\$40,192,000	\$0	\$40,192,000 100%	\$40,192,000 100%	\$-	\$-	08/2018	11/2018	45 ●●●●
<i>◆ IAC received Form 306.6 Closeout summary on 02/12/21, pending staff action.</i>											
1 Active Projects	Allegany County Total		\$40,192,000	\$0	\$40,192,000	\$40,192,000	\$0	\$0	1 Projects ready to Close		

Project Status:

- LP Approved
- Project Allocated
- Project contracted
- Project Expended
- Project %Contracted and %Expended =100%, Months since last expenditure is greater than 12. Submission of Form 306.6 is due.



INTERAGENCY COMMISSION ON SCHOOL CONSTRUCTION (IAC)
PUBLIC SCHOOL CONSTRUCTION PROGRAM
REPORT OF ACTIVE STATE CIP PROJECTS FOR CLOSEOUT
 As of August 26, 2022

PROJECT NAME PSC - #PID	PROJECT TYPE	CIP YEAR(S) IAC DATE	ALLOCATION	CONTINGENCY	CONTRACTED/ % CONTRACTED	EXPENDITURES/ % EXPENDED	UNCONTRACTED ALLOCATION	UNEXPENDED CONTRACT	DATE OF LAST CONTRACT ACTION	# OF MONTHS SINCE DATE OF LAST EXPENDITURE	PROJECT STATUS
Baltimore County											
Arbutus Middle - SR-Air Conditioning 03.048.2014/2018 -#9,799		2018 07/2017	\$2,185,000	\$0	\$2,185,000 100%	\$2,185,000 100%	\$-	\$-	09/2017	10/2020	22 ●●●●
<i>◆ IAC received Form 306.6 Closeout summary on 08/27/21, pending staff action.</i>											
Golden Ring Middle - SR-Air Conditioning 03.107.2018/2018EGRC -#9,800		2018 07/2017	\$3,918,000	\$0	\$3,918,000 100%	\$3,918,000 100%	\$-	\$-	07/2017	07/2020	25 ●●●●
<i>◆ IAC received Form 306.6 Closeout summary on 06/12/22, pending staff action.</i>											
Lyons Mill (NW Corridor) Elementary - C-New 03.216.2015 -#9,292		2015 LP 2015 07/2014	\$10,129,093	\$0	\$10,129,093 100%	\$10,129,093 100%	\$-	\$-	01/2015	07/2017	61 ●●●●
<i>◆ IAC received Form 306.6 Closeout summary on 11/04/20, pending staff action.</i>											
Pikesville High - C-Renovation 03.033.2015 -#8,837		2014 LP 2015 07/2014	\$10,944,000	\$0	\$10,944,000 100%	\$10,944,000 100%	\$-	\$-	02/2015	01/2018	55 ●●●●
<i>◆ IAC received Form 306.6 Closeout summary on 02/24/22, pending staff action.</i>											
4 Active Projects		Baltimore County Total	\$27,176,093	\$0	\$27,176,093	\$27,176,093	\$0	\$0			4 Projects ready to Close

Project Status:
 ● LP Approved ● Project Allocated ● Project contracted ● Project Expended ● Project %Contracted and %Expended =100%, Months since last expenditure is greater than 12. Submission of Form 306.6 is due.



INTERAGENCY COMMISSION ON SCHOOL CONSTRUCTION (IAC)
PUBLIC SCHOOL CONSTRUCTION PROGRAM
REPORT OF ACTIVE STATE CIP PROJECTS FOR CLOSEOUT
 As of August 26, 2022

PROJECT NAME PSC - #PID	PROJECT TYPE	CIP YEAR(S) IAC DATE	ALLOCATION	CONTINGENCY	CONTRACTED/ % CONTRACTED	EXPENDITURES/ % EXPENDED	UNCONTRACTED ALLOCATION	UNEXPENDED CONTRACT	DATE OF LAST CONTRACT ACTION	# OF MONTHS SINCE DATE OF LAST EXPENDITURE	PROJECT STATUS
Dorchester County											
New Directions Learning Academy - SR-Roof 09.008.2019 -#9,995		2019 LP 2019 07/2018	\$891,148	\$0	\$891,148 100%	\$891,148 100%	\$-	\$-	10/2018	10/2019	34 ●●●●
											◆ IAC received Form 306.6 Closeout summary on 02/09/21, pending staff action.
1 Active Projects		Dorchester County Total	\$891,148	\$0	\$891,148	\$891,148	\$0	\$0	1 Projects ready to Close		

Project Status:

● LP Approved ● Project Allocated ● Project contracted ● Project Expended ● Project %Contracted and %Expended =100%, Months since last expenditure is greater than 12. Submission of Form 306.6 is due.



INTERAGENCY COMMISSION ON SCHOOL CONSTRUCTION (IAC)
PUBLIC SCHOOL CONSTRUCTION PROGRAM
REPORT OF ACTIVE STATE CIP PROJECTS FOR CLOSEOUT
 As of August 26, 2022

PROJECT NAME PSC - #PID	PROJECT TYPE	CIP YEAR(S) IAC DATE	ALLOCATION	CONTINGENCY	CONTRACTED/ % CONTRACTED	EXPENDITURES/ % EXPENDED	UNCONTRACTED ALLOCATION	UNEXPENDED CONTRACT	DATE OF LAST CONTRACT ACTION	# OF MONTHS SINCE DATE OF LAST EXPENDITURE	PROJECT STATUS
Howard County											
Rockburn Elementary - SR-HVAC/Ceiling/Above Interior Systems 13.050.2015/2018/2018EGRC -#9,826		2018 07/2017	\$3,285,000	\$0	\$3,285,000 100%	\$3,285,000 100%	\$-	\$-	05/2019	09/2019 35	● ● ● ●
										◆ IAC received Form 306.6 Closeout summary on 08/17/22, pending staff action.	
1 Active Projects		Howard County Total	\$3,285,000	\$0	\$3,285,000	\$3,285,000	\$0	\$0	1 Projects ready to Close		

Project Status:

● LP Approved ● Project Allocated ● Project contracted ● Project Expended ● Project %Contracted and %Expended =100%, Months since last expenditure is greater than 12. Submission of Form 306.6 is due.



INTERAGENCY COMMISSION ON SCHOOL CONSTRUCTION (IAC)
PUBLIC SCHOOL CONSTRUCTION PROGRAM
REPORT OF ACTIVE STATE CIP PROJECTS FOR CLOSEOUT
 As of August 26, 2022

PROJECT NAME PSC - #PID	PROJECT TYPE	CIP YEAR(S) IAC DATE	ALLOCATION	CONTINGENCY	CONTRACTED/ % CONTRACTED	EXPENDITURES/ % EXPENDED	UNCONTRACTED ALLOCATION	UNEXPENDED CONTRACT	DATE OF LAST CONTRACT ACTION	# OF MONTHS SINCE DATE OF LAST EXPENDITURE	PROJECT STATUS
Baltimore City											
#021 Hilton Elementary - SR-Vertical Packaged Classroom Air Conditioning Units 30.254.2014 -#10,156		2020 03/2019	\$1,041,600	\$0	\$1,041,600 100%	\$1,041,600 100%	\$-	\$-	06/2019	03/2020 29	● ● ● ●
<i>◆ IAC received Form 306.6 Closeout summary on 08/05/22, pending staff action.</i>											
#029 Matthew A. Henson Elementary - SR-Vertical Packaged Classroom Air Conditioning Units 30.242.2016 -#10,157		2020 03/2019	\$981,150	\$0	\$981,150 100%	\$981,150 100%	\$-	\$-	06/2019	03/2020 29	● ● ● ●
<i>◆ IAC received Form 306.6 Closeout summary on 08/05/22, pending staff action.</i>											
#045 Federal Hill Prep PK-5 - SR-HVAC 30.023.2015 -#9,267		2015 07/2014	\$872,340	\$0	\$872,340 100%	\$872,340 100%	\$-	\$-	06/2016	09/2017 59	● ● ● ●
<i>◆ IAC received Form 306.6 Closeout summary on 08/05/22, pending staff action.</i>											
#053 Margaret Brent PK-8 - SR-Cooling Tower 30.029.2019BC HVAC/2019BC HVAC DESIGN -#10,062		2019 12/2018	\$1,066,800	\$0	\$1,066,800 100%	\$1,066,800 100%	\$-	\$-	12/2019	05/2022 3	● ● ●
<i>◆ IAC received Form 306.6 Closeout summary on 08/24/22, pending staff action.</i>											
#060 Gwynns Falls Elementary - SR-HVAC 30.261.2014 -#9,170		2014 07/2013	\$2,613,000	\$0	\$2,613,000 100%	\$2,613,000 100%	\$-	\$-	01/2016	11/2016 69	● ● ● ●
<i>◆ IAC received Form 306.6 Closeout summary on 08/05/22, pending staff action.</i>											
#086 Lakewood Early Learning Center - SR-Vertical Packaged Classroom Air Conditioning Units 30.269.2016 -#9,883		2018 01/2017	\$234,000	\$0	\$234,000 100%	\$234,000 100%	\$-	\$-	05/2018	12/2018 44	● ● ● ●
<i>◆ IAC received Form 306.6 Closeout summary on 08/05/22, pending staff action.</i>											
#105A Moravia Park PK-5 - SR-Roof 30.057.2014/2016 -#9,522		2016 07/2015	\$1,483,000	\$0	\$1,483,000 100%	\$1,483,000 100%	\$-	\$-	06/2017	12/2017 56	● ● ● ●
<i>◆ IAC received Form 306.6 Closeout summary on 04/23/21, pending staff action.</i>											
7 Active Projects		Baltimore City Total	\$8,291,890	\$0	\$8,291,890	\$8,291,890	\$0	\$0		7 Projects ready to Close	

Project Status:

● LP Approved
 ● Project Allocated
 ● Project contracted
 ● Project Expended
 ● Project %Contracted and %Expended =100%, Months since last expenditure is greater than 12. Submission of Form 306.6 is due.



INTERAGENCY COMMISSION ON SCHOOL CONSTRUCTION (IAC)
PUBLIC SCHOOL CONSTRUCTION PROGRAM
REPORT OF ACTIVE STATE CIP PROJECTS FOR CLOSEOUT
 As of August 26, 2022

SUMMARY OF STATEWIDE TOTALS	ALLOCATION	CONTINGENCY	CONTRACTED/ % CONTRACTED	EXPENDITURES/ % EXPENDED	UNCONTRACTED ALLOCATION	UNEXPENDED ALLOCATION	DATE OF LAST CONTRACT ACTION	# OF MONTHS SINCE DATE OF LAST EXPENDITURE	PROJECT STATUS
14 Active Projects Statewide Totals	\$79,836,131	\$0	\$79,836,131	\$79,836,131	\$0	\$0		14	Projects Ready to Close

This report includes by project the State portion of the allocation, contract and expenditures.
 The data is extracted from the Capital Financial Accounting System (CFAS).

Please report any discrepancies to:

iac.pscp@maryland.gov

Project Status:
 ● LP Approved ● Project Allocated ● Project contracted ● Project Expended ● Project %Contracted and %Expended =100%, Months since last expenditure is greater than 12. Submission of Form 306.6 is due.

Item 1E. Anne Arundel County Site Approval - Old Mill Complex Approval for the Center for Applied Technology North

Motion:

To approve the use by the Anne Arundel County Board of Education (AACBOE) of a portion of the 172.5 acres of land at 600 Patriot Lane, Millersville, MD, 21108, known as the Old Mill Complex, for the construction of the Center for Applied Technology North (CAT-North) replacement facility; adhering to the actions identified in the state clearinghouse review, state identifier 20220627-0551.

Background Information:

The Anne Arundel County Board of Education (AACBOE) is requesting site approval from the IAC to construct the Center for Applied Technology North (CAT-North) replacement facility in Millersville.

The site is known as the Old Mill Complex and is owned by the AACBOE. The complex includes one high school, two middle schools, one elementary school, and one special education center.

In June 2020, the IAC Designees approved a waiver request for the Anne Arundel County Public Schools (AACPS) of the feasibility study requirement for CAT-North, given that its siting and design were included in a master plan and detailed phasing plan with other schools that are part of the complex, including the new Old Mill West High School.

AACPS has used the site for educational purposes since the 1970s, and the initial date of site acquisition for the complex was June 29, 1970.

The CAT-North replacement facility would be constructed south of the existing Old Mill High School with access to Patriot Lane from Old Mill Road east of Interstate 97. The CAT-North replacement facility is proposed to serve 544 students in grades nine through 12 who are part of the Arundel, Chesapeake, Glen Burnie, Meade, North County, Northeast, Old Mill and Old Mill West feeder systems. The estimated cost is \$106 million, with scheduled completion in 2026.

State Clearinghouse review was completed in August 2022. The AACBOE approved the site on September 6, 2016.

Land Use and Infrastructure

- The Old Mill Complex is within the county's Priority Funding Area (PFA).
- Current zoning is R5, Residential. This District is intended for low-medium density single-family detached residential development at an urban density of 5 dwelling units per acre.

- Public water, sewer, natural gas and electric service are available at the site.
- Existing roads will provide access to the site.

Environmental and Natural Settings

- The site is not located within a 100-year floodplain.
- Some tidal and non-tidal wetlands are located on and adjacent to the site, but they are included in a Forest Conservation Easement and will not be affected by the construction or operation of the facility.
- The Forest Conservation easement of 38.97 acres was designated in 2021 and approved by the IAC on October 14, 2021.
- No known rare, threatened, or endangered species of plant or animals or habitats are known to exist on or near the site.
- No steep slopes will be disturbed.



Item 1F. Approval of Property Transfer – Baltimore City – 30.074 George W. F. McMechen Special Ed High School #177

Motion:

To approve the transfer of 30.074 George W. F. McMechen Special Ed High School #177 PSC#30.074, 4411 Garrison Boulevard, Baltimore, MD, 21215, from the Baltimore City Public Schools Board of Commissioners (BOC) to the Mayor and City Council of Baltimore, as approved by the BOC on January 11, 2022, and in accordance with the *Memorandum of Understanding for the Construction and Revitalization of Baltimore City Public Schools* dated December 2016, with the agreement that the city government will reimburse the state the outstanding bond debt service in the amount of \$126,448.70 by the scheduled dates that will be determined by the State Treasurer’s Office. The Baltimore City Government shall obtain approval of the Interagency Commission before transferring any right, title, or interest to any portion of the property.

Background Information:

Building Data:	
Size:	6.8 acres
Acres involved in transaction:	6.8 acres
Original Construction Date:	1963
State Rated Capacity:	250
State Investment:	TBD
Outstanding State Bond Debt:	\$126,448.70
Debt Service Payment Schedule:	TBD

The BOC seeks approval from the IAC to transfer the former George W. F. McMechen Special Ed High School (#177), 4411 Garrison Boulevard, Baltimore, to the Mayor and City Council of Baltimore.

On January 11, 2022, the BOC voted to close the facility at the end of the 2021-22 school year and transfer it to the City of Baltimore as surplus property after determining that it is no longer needed for educational purposes.

The original school was constructed in 1963 at 15,567 square feet, and a 85,161-square foot addition was built in 1977.

Item 1G. Carroll County Request to Rescind FY15 Local Planning Approval for Charles Carroll Elementary School Replacement

Motion:

To approve the rescission of Carroll County Public School's (CCPS) FY 2015 Local Planning (LP) approval for the Charles Carroll Elementary School Renovation project (#06.006.15LP).

Background Information:

The Charles Carroll Elementary School renovation project was granted Local Planning (LP) approval in the FY 2015 Capital Improvement Program (CIP). The project was subsequently canceled by Carroll County in 2015 but the formality of IAC approval of LP cancellation was not requested at that time. Since then, ownership of the building transferred to Carroll County (BPW approval 10/5/2016) and Carroll County demolished the building (BPW approved 10/4/2017).



Charles Carroll Renovation - LP approval

Caine, William <wecaine@carrollk12.org>
To: Eileen Gladd -IAC- <eileen.gladd1@maryland.gov>

Wed, Aug 17, 2022 at 4:09 PM

Eileen

Please rescind Local Planning approval for the Charles Carroll Elementary School renovation granted in FY 2015. The school was closed and transferred to County ownership in 2015. The County has subsequently demolished the building and is constructing a new recreation center on the site of the old school.

Feel free to contact me with any questions.

Bill

William Caine

Facilities Planner

Carroll County Public Schools

410-386-1817



Item 1H. Built to Learn Act Project Status Report

Motion:

This item is informational and does not require IAC action.

Background Information:

Please see the details regarding BTL allocations, report key, attached report dated as of August 25, 2022 - ***Built to Learn Act Project Status Report.***

BTL Project Status Report Key

This report displays the current status of BTL projects that have been approved by the IAC.

The Delivery column indicates the type of project delivery method:

- **O/B:** Owner / Builder. The LEA acts as the prime at-risk construction manager (general contractor) and directly contracts with the trade contractors. The LEA may engage a not-at-risk construction manager to act as its agent to assist with the management of the project.
- **CMAR:** Construction Management At-Risk. The LEA engages an at-risk construction manager that will become the prime general contractor before the schematic design phase begins to gain the value-added benefits of ensuring design/construction viability and design cost effectiveness and for a turn-key project delivery within a guaranteed maximum price (GMP).
- **DBB:** Design-Bid-Build. The LEA utilizes the “traditional” sealed bid delivery method where the successful at-risk prime general contractor delivers the project turn-key for a fixed price based upon fully complete project documents.

The percentage within each box indicates the level of progress of that phase and the color indicates the degree to which the activities in that phase are/were on schedule based upon the LEA’s initially submitted project schedule (generally from the schematic-design submission).

%	Phase completed or on track to be completed ahead of scheduled date.
%	Phase completed or on track to be completed within 2 months of scheduled date.
%	Phase completed or on track to be completed between 2 - 4 months of scheduled date.
%	Phase completed or on track to be completed more than 4 months after scheduled date.

Built to Learn Act Project Status Report

LEA	Project	Delivery	Design	Constr	Punchlist	Notes
Anne Arundel	Hillsmere ES Replacement	O/B	100%	55%	0%	
Anne Arundel	Old Mill West HS New	O/B	100%	46%	0%	
Anne Arundel	Rippling Woods ES Replacement	O/B	100%	56%	0%	
Anne Arundel	West County ES New	O/B	100%	6%	0%	
Balt County	Bedford ES Replacement	O/B	100%	0%	0%	Projects were requested since FY19 but didn't receive State funding so design was delayed until funding secured.
Balt County	Northeast Area MS New	O/B	100%	9%	0%	
Balt County	Pine Grove MS Renovation / Addition	O/B	100%	8%	0%	
Balt County	Summit Park ES Replacement	O/B	100%	10%	0%	
Balt County	Lansdowne HS Replacement	O/B	99%	0%	0%	
Carroll	Westminster East MS Replacement	CMAR	100%	24%	0%	
Charles	J. P. Ryon ES PreK & K Addition	DBB	100%	9%	0%	LEA delayed project for MSA MOU.
Charles	Malcolm ES PreK & K Addition/Renovation	DBB	100%	14%	0%	LEA delayed project for MSA MOU.
Charles	McDonough HS Renovation/Addition	DBB	100%	3%	0%	LEA delayed project for MSA MOU.
Frederick	Waverley ES Replacement	O/B	100%	93%	0%	
Frederick	Brunswick ES Replacement	CMAR	100%	9%	0%	
Frederick	Green Valley ES Replacement	CMAR	20%	0%	0%	
Frederick	Valley ES Replacement	CMAR	20%	0%	0%	
Harford	Homestead Wakefield ES Replacement	O/B	100%	0%	0%	Construction delayed, pending resolution with Town
Howard	Hammond HS Renovation/Addition	O/B	100%	72%	0%	
Montgomery	Clarksburg Cluster ES #9 New	CMAR	100%	26%	0%	
Montgomery	South Lake ES Renovation / Addition	CMAR	100%	26%	0%	
Montgomery	Burnt Mills ES Replacement	CMAR	100%	26%	0%	
Montgomery	Woodlin ES Replacement	CMAR	100%	26%	0%	
Montgomery	Woodward HS Replacement	CMAR	100%	41%	0%	After initial bid, project went through a redesign.
Montgomery	Stonegate ES Renovation / Addition	CMAR	100%	26%	0%	
Montgomery	Neelsville MS Replacement	CMAR	100%	5%	0%	
Montgomery	Poolesville HS Renovation / Addition	CMAR	100%	24%	0%	
Montgomery	Page ES Addition	DBB	100%	14%	0%	
Wicomico	Mardela MS/HS Addition / Renovation	CMAR	100%	0%	0%	

Reported as of 08/25/2022



Item 2. IAC Fiscal Year 2022 Annual Report

Motion:

To approve the final draft of the comprehensive *IAC Fiscal Year 2022 Annual Report*, pending non-substantive edits by staff.

Background Information:

Following this agenda item is the final draft of the IAC's inaugural annual report. The IAC has traditionally published information related to each of its funding programs and activities for public information on the IAC website or as required by statute, such as the annual Maintenance of Maryland's Public School Building report presented in Item 7 of this agenda. However, the IAC has not to date published a comprehensive annual report. We believe that this resource will help us better connect to our stakeholders and provide valuable information to all of our varying audiences, including students and parents, LEA facilities staff, County staff, State elected officials, and other decision makers.

The *IAC Fiscal Year 2022 Annual Report* features summary data as well as specific features on the Statewide Facilities Assessment, enrollment projections, total cost of ownership, and former State Treasurer Nancy Kopp, among other topics.

State of Maryland

Interagency Commission on

School Construction

Fiscal Year 2022

Annual Report



200 W. Baltimore Street
Baltimore, MD 21201
(410) 767-0617
iac.pscp@maryland.gov

Table of Contents

A Message from the IAC	3
IAC Members & Organization	5
Maryland's School Facilities	6
Statewide Facilities Assessment	8
Interview with Nancy Kopp	13
Greensboro Elementary Spotlight	16
Enrollment Projections	19
School Openings	23
Total Cost of Ownership	24
School Maintenance	27
HVAC Status Report	29
Legislative Update	30
Financial & Program Reports	32
IAC & Partner Agency Staff	48

Visit the IAC online at iac.mdschoolconstruction.org
Subscribe to hear from us at bit.ly/IACemails
Questions? Email iac.pscp@maryland.gov

A Message From IAC Chair Ed Kasemeyer

It is my pleasure to introduce the publication of the IAC's first comprehensive annual report. As Chair of the Commission, and on behalf of the Commission members, we wish to express our appreciation for the opportunity to provide guidance and direction to our school facilities community as we work to ensure that all of Maryland's students have a healthy, safe, and educationally sufficient learning environment today and in the future.

The IAC and its staff, in collaboration with state agencies, the 24 local school systems, and the Maryland School for the Blind, are committed to this mission and to sharing with the public our recommendations, guidance, and capital funding requirements necessary to support and improve the sustainability of school facilities.

Our goal for this annual report is to provide a record of the IAC's activities in Fiscal Year 2022. The report provides details regarding our seven public funding programs, two non-public funding programs, annual maintenance assessments, legislative operations, topical articles, and the introduction of our initial Statewide Facilities Assessment.

As we begin our Fiscal Year 2023 activities, including a search for a new Executive Director following Robert Gorrell's retirement in May after six years of state service to the IAC, we look forward to continuing our collaboration with the educational community in our efforts to promote equity and educational excellence through the provision of construction funding and by monitoring the performance of school facilities. Thank you for your interest in the well-being of Maryland's school facilities.



Edward Kasemeyer
Chair



The IAC's Inaugural Annual Report

Highlighted in this Fiscal Year 2022 Interagency Commission on School Construction annual report are new and traditional activities of the IAC, from the implementation of the inaugural Statewide Facilities Assessment taking significant steps towards a comparable condition score for every public K-12 school facility in Maryland, to the 51st year of capital funding for school construction and renovation since the start of the State's investment in facilities through the IAC (then referred to as the Maryland Public School Construction Program) in 1971.

The report also includes school spotlights, reference data, and thoughts from experts on school construction including the members of the Commission and retired State Treasurer Nancy Kopp.

This report is provided, in conjunction with the IAC's website, as a tool for public information regarding the IAC's programs and services. With a shared mission to achieve a safe, healthy, and educationally sufficient learning environment for every child attending a public school in Maryland, the IAC collaborates with Local Education Agencies in an effort for constant improvement and long-term sustainability of our state's portfolio of schools.

We hope that you will enjoy, share, and refer back to the IAC's first annual report.

IAC Mission

To achieve a safe, healthy, and educationally sufficient learning environment for every child attending a public school in Maryland.

IAC Vision

A fiscally sustainable statewide portfolio of K-12 school facilities that will remain educationally sufficient for current and future generations of students and teachers.



**Interagency Commission
on School Construction**

IAC Members & Organization

Mary E Rodman Elementary School, Baltimore City. Photo: Lester Escobal, SEI Architects

IAC Members

- Edward Kasemeyer**, Chair, Appointee of the President of the Senate, Member of the Public
- Mohammed Choudhury**, Superintendent, Maryland State Department of Education
- Ellington Churchill**, Secretary, Maryland Department of General Services
- Michael Darenberg**, Appointee of the Governor, Member of the Public
- Linda Eberhart**, Appointee of the Speaker of the House, Member of the Public
- Brian Gibbons**, Appointee of the Speaker of the House, Member of the Public
- Gloria Lawlah**, Appointee of the President of the Senate, Member of the Public
- Dick Lombardo**, Appointee of the Governor, Member of the Public
- Robert S. McCord**, Secretary, Maryland Department of Planning

The 9 IAC Members are reported to by:

MSDE

MD Dept. of
Education

*Designee - State
Superintendent*

- Review Ed Specs for alignment with LEA goals
- Review Feasibility Studies
- Review design submissions for alignment with Ed Specs
- Provide technical assistance and advice on school facilities architecture

MDP

MD Dept. of
Planning

*Designee - Secretary of
Planning*

- Develop annual enrollment projections
- Review Educational Facility Master Plans
- Site reviews and recommendations
- Planning advice to IAC and LEAs

DGS

MD Dept. of
General Services

*Designee - Secretary of
General Services*

- Review design development and construction documents
- Review eligibility of items
- Technical advice to the IAC and LEAs

IAC

Interagency
Commission

*Executive Director &
Staff*

- Manage programs and fiscal records
- Maintain facilities inventory database
- Facility and maintenance assessments
- Share best practices and provide technical support
- Recommend contract awards
- Approve Ed Specs

MARYLAND'S SCHOOL FACILITIES

1,363 ACTIVE K-12 PUBLIC SCHOOLS

141.7M GROSS SQUARE FEET

854K+ STUDENTS

\$61B

REPLACEMENT VALUE

DURING FISCAL YEAR 2022:

6 Public K-12
Funding
Programs

265

Maintenance Assessments

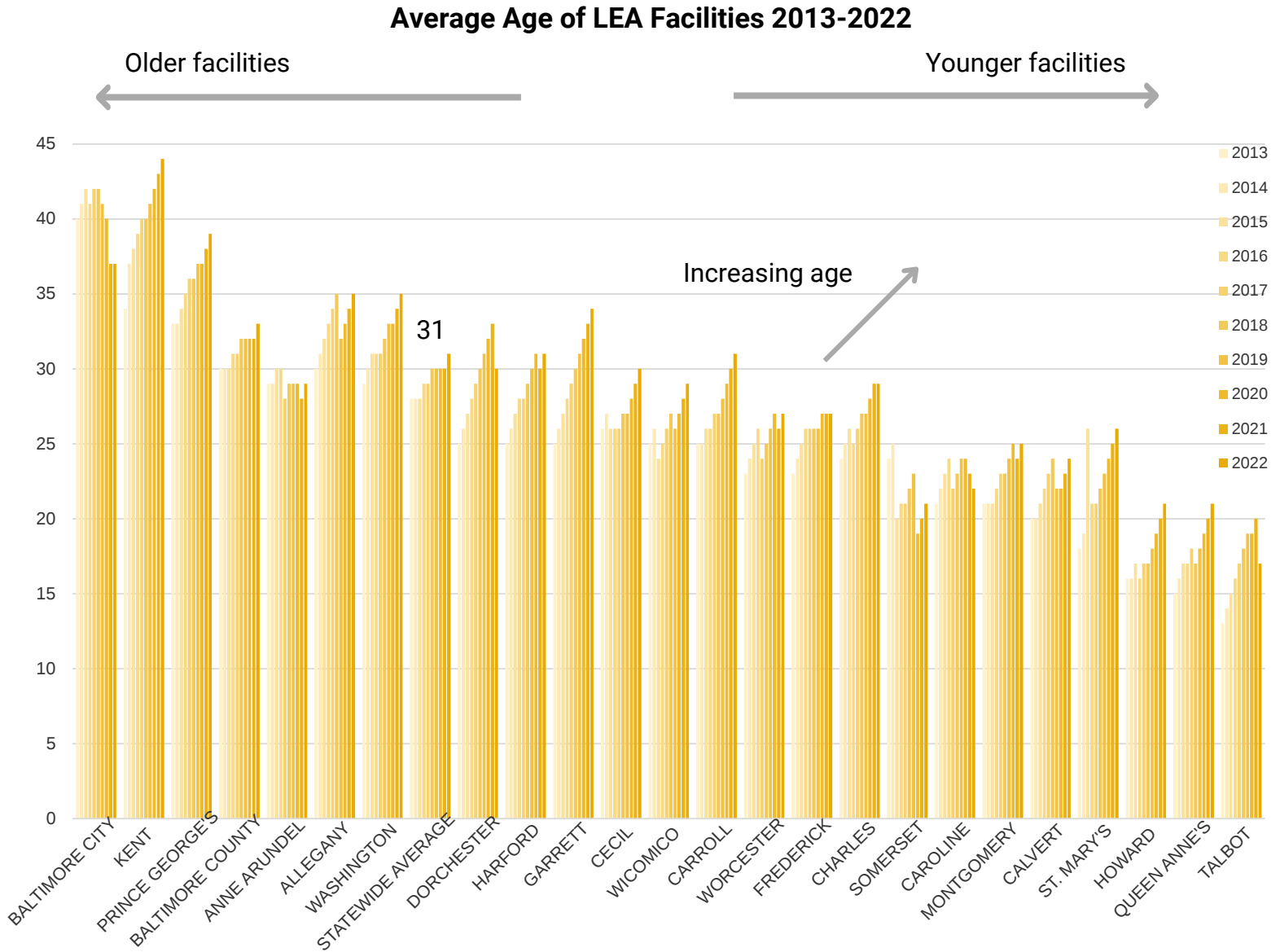
2 Private K-12
Funding
Programs

12

School Openings

31 Years

Average Facility Age

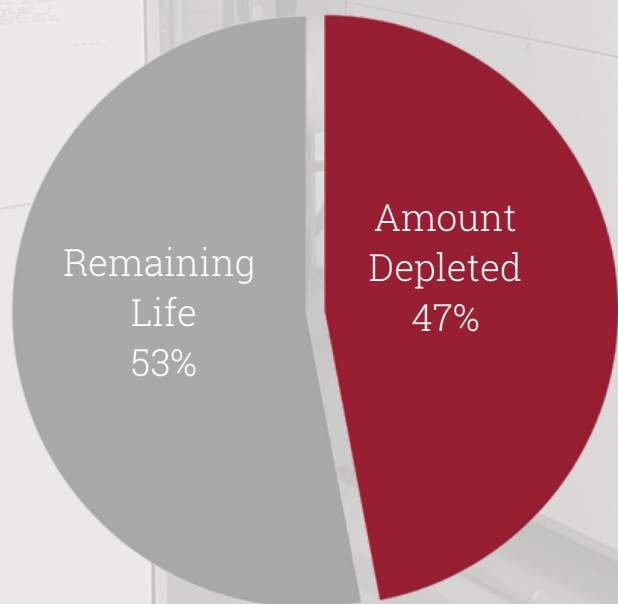


While the relative age difference between LEAs generally remained constant from 2013 to 2022, the overall remaining expected life of facilities has almost uniformly declined within each LEA. Facilities throughout the state have gotten older on average.

This graph is based on the average age of square footage within the LEA's school facilities. The Statewide Facilities Assessment, detailed on the following pages, will provide scores for each facility that are based on facility condition and educational sufficiency, thereby providing the State and LEAs with a clearer picture of school facility condition.

Statewide Facilities Assessment

The purpose of the Statewide Facilities Assessment (SFA) is to assess the physical condition and educational sufficiency of school facilities in Maryland to give the State the ability to identify the facilities with the highest needs, and to provide critical information to both State and local decision makers so they are better equipped to focus capital dollars on those facilities. The baseline SFA, which assessed all public school facilities in the state, was completed in July of 2021 and the IAC will re-assess each school at least every four years to ensure the data is up to date, as mandated by law.



47%

State Average Facility Condition Index

See next page for more info

The SFA Info Packet was created to provide a comprehensive understanding of the SFA's purpose and method.

Download the SFA Info Packet

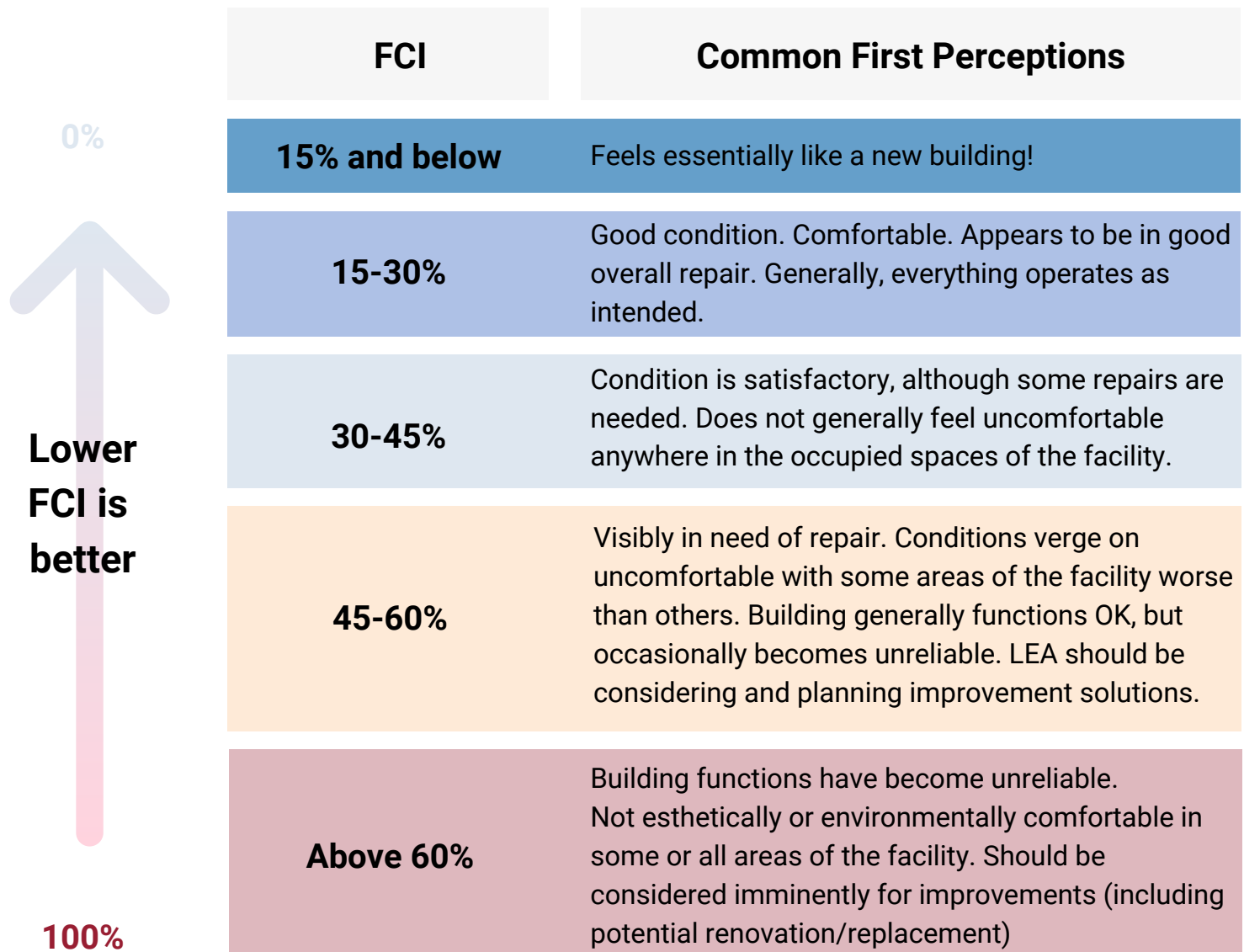


Facility Condition Index

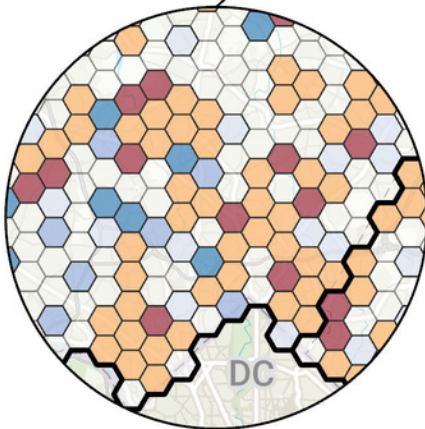
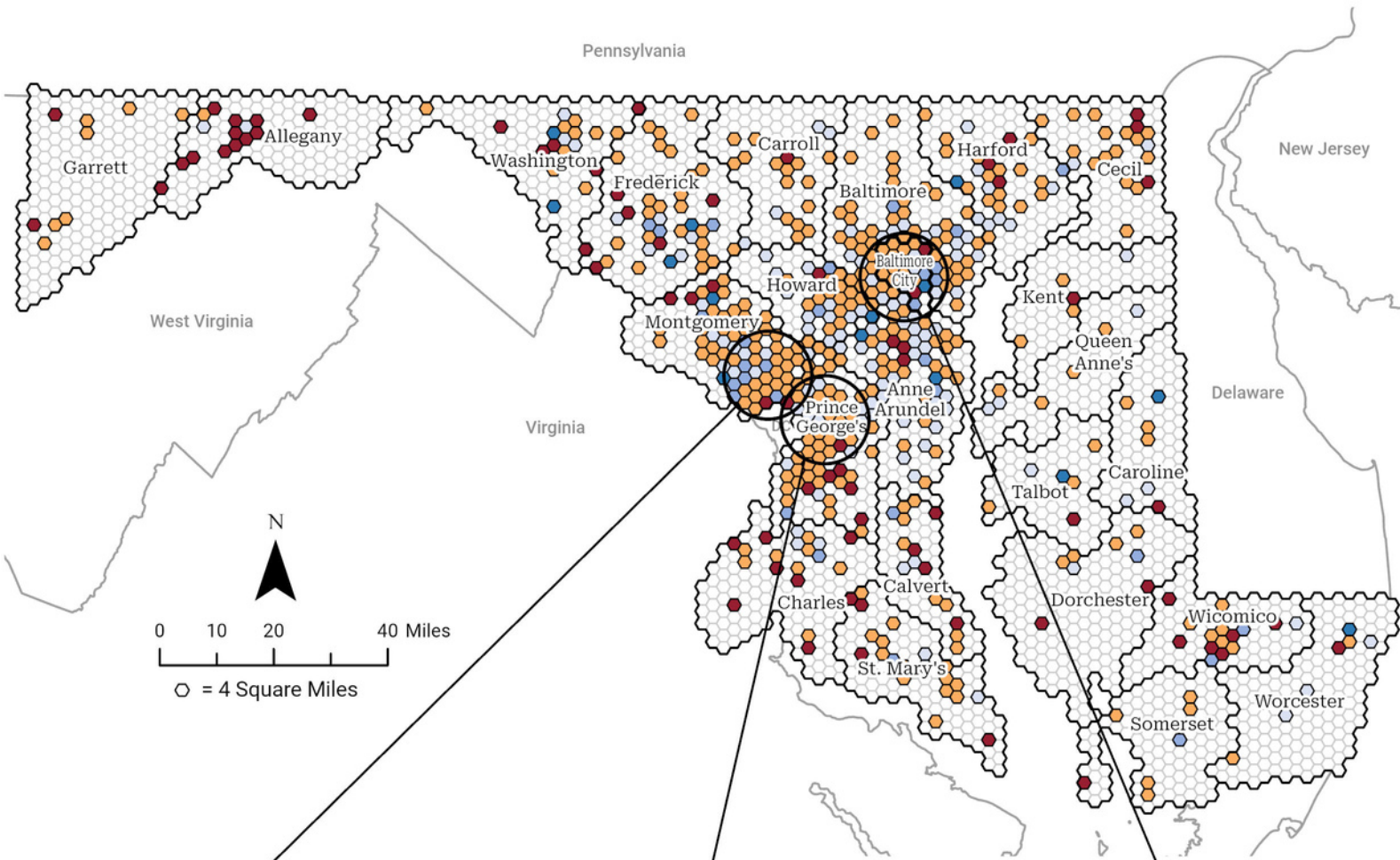
Using data collected in the assessment, **each facility receives an overall Facility Condition Index (FCI) score**. The FCI is the amount the facility is depleted with respect to the Expected Useful Life of its systems. The **Statewide average FCI is 47%** indicating that, on average, facilities and their systems are nearly halfway through their expected life-cycle.

After relevancy weighting is determined by the Workgroup on the Assessment and Funding of School Facilities when it reconvenes in 2024, the FCI score will be combined with considerations of the IAC's Educational Sufficiency Standards to create a combined facility score called the **Maryland Condition Index (MDCI), which will reflect both the condition and educational sufficiency of the facility**. This MDCI score will allow the State and LEAs to compare each school against all others and make informed, data driven decisions to determine funding priority for capital construction projects based on need.

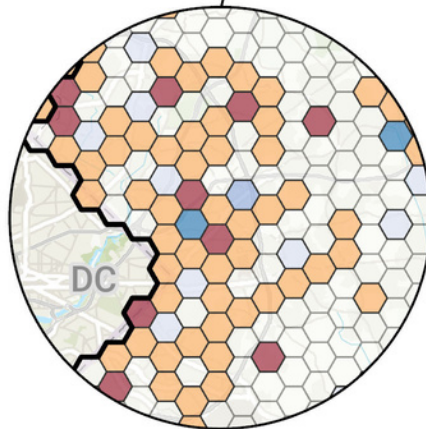
The Statewide average FCI determined in the baseline SFA is 47%. As shown in the FCI band chart below, an FCI closer to 30% is considered to be of good/satisfactory condition and serves as a goal for Maryland's school facilities. The IAC's work to provide LEAs with funding programs, maintenance assessments, and guidance on school system facility portfolios serves to get our state closer to an average FCI of 30%.



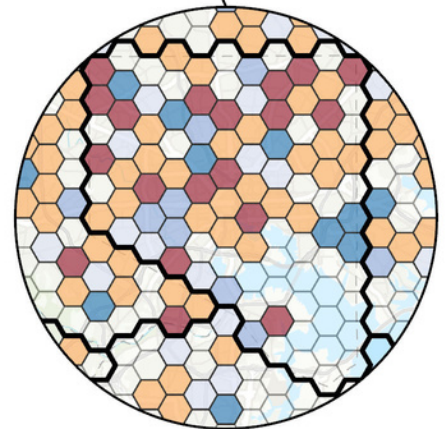
FCI Scores Statewide



Montgomery



Prince George's



Baltimore City

Facility Condition Index (FCI)

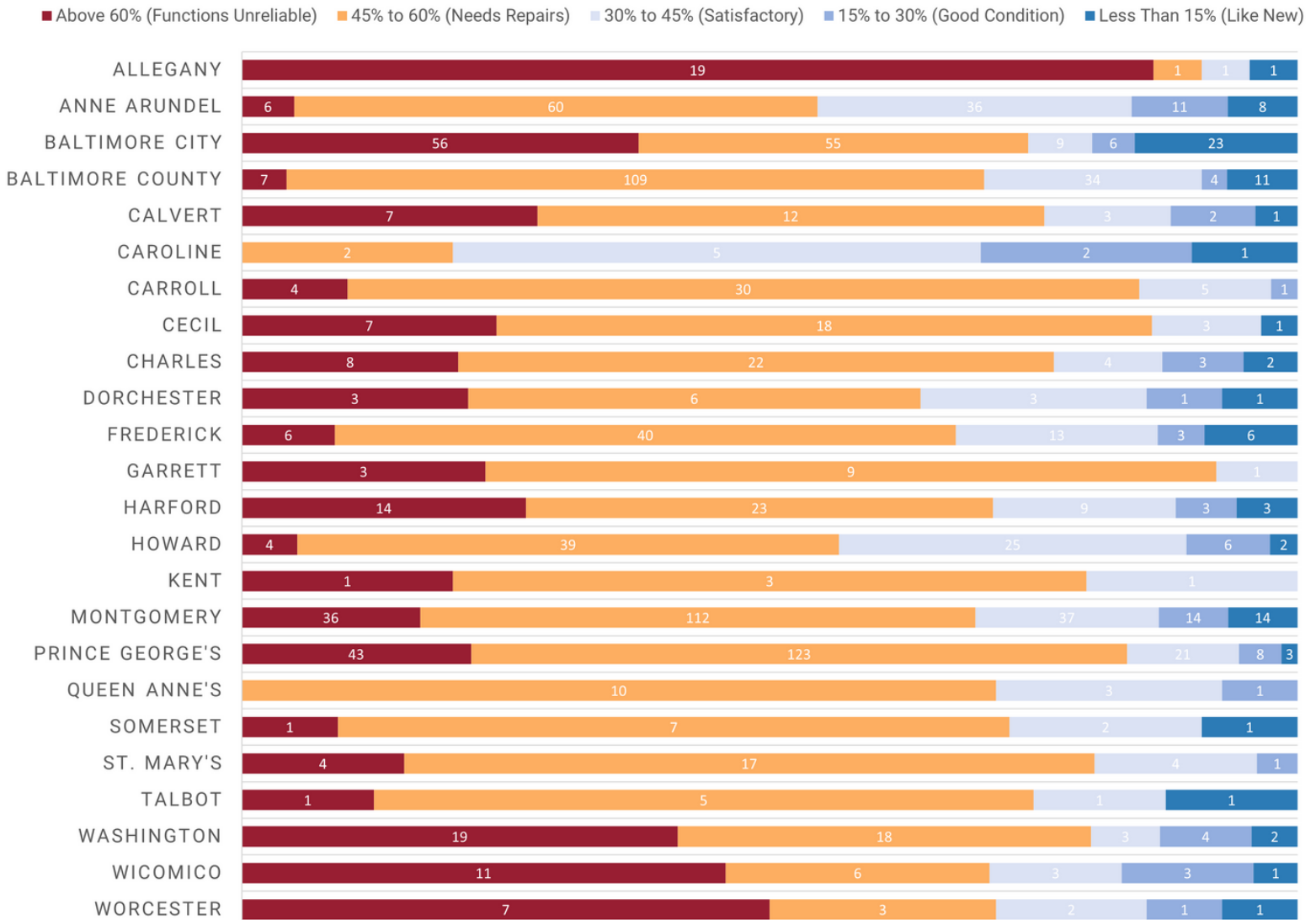
- Less Than 15% (Like New)
- 15% to 30% (Good Condition)
- 30% to 45% (Satisfactory)
- 45% to 60% (Needs Repairs)
- Above 60% (Functions Unreliable)
- No Facility Present

Facility Condition Index (FCI) aggregated by 4 sq. mi. hexagonal grid. Given jurisdiction edges are approximated by the grids; facilities whose true location is outside of their gridded jurisdiction boundary have been reassigned to the nearest grid within the proper jurisdiction.

The three large scale (1 sq. mi. hexagonal grid) call-out exhibits display aggregate FCI for areas in which density of school facilities exceeds 7 schools per 4 sq. mi. hexagonal grid in the statewide figure.

FCI Scores Statewide

FACILITY CONDITION INDEX (FCI) BY LEA



SFA Next Steps

The IAC's facilities assessment team is already working on the first refresh round of approximately 350 schools during the 2023 fiscal year. This yearly refresh will continue so that every school in Maryland is re-assessed at least every four years. The Assessment and Funding Workgroup will reconvene in 2024, after additional data has been collected, to determine the relevancy weighting of educational sufficiency factors which will allow the IAC to maintain a comparable score for each school facility in the state.

Workgroup on the Assessment and Funding of School Facilities

The Workgroup on the Assessment and Funding of School Facilities, established in 2018 as a component of the 21st Century School Facilities Act, focused during the 2022 fiscal year on how to use data from the Statewide Facilities Assessment to best identify Maryland's highest need schools and how this prioritization should be used to make school construction funding decisions. Based on the completion of the baseline SFA and evaluation of the assessment data, the Workgroup made recommendations on how the IAC should proceed with the SFA and its data.

The Workgroup will reconvene in July 2024 to determine the final weighting to be used to calculate the MDCl score for each school facility in the state, providing an apples-to-apples comparison that can be used to set funding priorities in the state, and per the recommendations above, achieve the overall charge of the Workgroup.

"A growing body of research has found that school facilities have a profound impact on both teacher and student outcomes. To transform Maryland education and deliver an excellent education to every child, especially those who have been historically underserved, we must provide all students with safe and inviting places to learn and thrive. In order to identify the highest needs and maximize available funding, the State has successfully completed a comprehensive statewide facilities assessment and educational sufficiency evaluation of every public school facility in the state. The Workgroup on the Assessment and Funding of School Facilities is finalizing a weighting formula that will assess school facilities with a Maryland Condition Index (MDCl) score, which will ultimately prioritize and direct future school facilities investments. This research based, data-driven approach will enable a more equitable allocation of resources and move us closer in our goal to ensure every child has access to safe, healthy, and optimal learning environments."

State Superintendent of Schools

Mohammed Choudhury



Talking with Nancy Kopp

23rd State Treasurer, on her retirement and decades of involvement in public schools



IAC: You have a wide breadth of experiences, and not just in the school facilities area. What drives your passion for improving the condition of our State's public schools?

KOPP: *I truly believe that public schools are the foundation and keystone of democracy. A good education, and shared education, are essential to building both a productive citizen and a strong, just community. That's my starting point and a conviction that has guided me personally and politically for my entire life.*

Not only is a school building critical for good teaching and learning, it is also a symbol for and to the community. If a school is run down and outdated, if, kids are forced to sit in rooms without the necessary equipment or that are not adequately heated or cooled – that is a message to the community about the relative value of education and what the government thinks of that community. And on the other side, wonderful schools give people a sense of pride even if they do not have kids in the school

Strong schools are essential for individual students and families, but they are also critical for a vibrant economy. As Maryland's Treasurer I went to the bond market twice a year and talked frequently with investors and rating agencies on behalf of our state. Maryland always received a AAA bond rating, meaning it was one of the best states in which to invest. Maryland's often repeated support for a strong public school system, the proportion of the State's general obligation bonds going to construction in public education K-16, and public statements such as the 2003 Report are all cited as significant State financial strengths. Funding for school construction is clearly a good public investment.

“Not only is a school building critical for good teaching and learning, it is also a symbol for and to the community.”

The Kopp Commission, formally known as the Task Force to Study School Facilities, conducted a statewide Facility Assessment Survey in 2003 and recommended that at least \$3 billion be allocated to address critical deficiencies in school facilities. With this recommendation made nearly two decades ago, what are your thoughts on the current condition of school facilities in Maryland?

After the initial survey, the Commission recognized that it would take almost \$3 billion over a 10 year period simply to bring schools up to minimum standards. And these standards were minimal, indeed. Clearly, \$250 million a year would not build the ideal school system we all wanted, but would make progress towards a basic system that we all needed. We also recognized that we must have regular on-going assessment surveys of the condition of our schools in order to effectively and fairly apportion limited funds. The delay in instituting these assessments has been a critical weakness in the fight for good schools.

With the strong support of the General Assembly following the Report, Maryland has spent significant amounts on school construction. Nevertheless, funding over these years has not been consistent and not at times at the level we had hoped and urged; schools across the state continue to be far from sufficiently and equitably funded. That's one of the reasons the condition of the schools and the level of State school construction funding have continued to be revisited since 2003.

It is critically significant, I believe, that the conversation begun in 2002 still continues strongly. I and my colleagues on the Commission are proud that the Commission's report had a role in setting a foundation and serving as a touch point for this campaign to improve public schools across the state. Have we achieved everything that we've dreamed of? No, not yet.

Another recommendation of the Kopp Commission was that the IAC should complete a survey on the condition of school facilities at least every four years. With the recent completion of the baseline Statewide Facilities Assessment and the first "refresh" cycle currently underway, how does it feel to see that recommendation finally implemented?

I continue to believe that a regular assessment and use of assessment outcomes in school planning and funding are essential for an effective State school construction program.

It is exciting. It's been a very long time coming and is critical for an on-going program. I continue to believe that a regular assessment and use of assessment outcomes in school planning and funding are essential for an effective State school construction program. It was essential in 2003, it's essential now, will continue to be essential in the future and I regret that it took so long.

Your time as State Treasurer was book-ended by participation in commissions focusing on school construction. From your election as a representative in the House of Delegates in 1975 and election as State Treasurer in 2002, to your retirement in 2021, you saw many years of changes to the IAC. What do you think about the IAC's journey and accomplishments?

School construction has been a key concern in Annapolis over the entire 50 years in which I served. But, I do think our Commission in 2002 served a unique function, focusing attention on the importance of the impact of the quality of the school building on the teaching and learning going on within it. School construction and maintenance

are critical to both equity and efficiency of education across the state. And the IAC was key to school construction. Until the Commission, the operations and procedures of the IAC had been relatively informal and not transparent. Transforming this has taken a long time, but the reformed, strengthened and enlarged IAC is essential for the next step. The IAC's mission and vision, its support of both traditional and new programs, such as Built to Learn and 21st Century schools is testimony to great progress.

One indication of the enhanced role of the IAC is the long-awaited assessment and follow-up, and the work now being done to incorporate findings in a Statewide priority list. A strong partnership between the IAC and the LEA's is difficult, of course, but critical.

What do you envision our State's school facilities will be like in another two decades? Are you optimistic?

I am optimistic. I think actions the legislature has taken in the last decade really are bearing fruit already. If you go to Baltimore City and look at the new 21st Century Schools, they are very inspiring and also very good tools for educating the next generation. The same is true across the state. If we continue our focus on the entire State plus the priority areas then we are finally going to be making the progress that we hoped 20 years ago to see.

Earlier this year, House Bill 1290 renamed the State's priority fund to be called the Nancy K. Kopp Public School Facilities Priority Fund. Are you proud to have this be a part of your legacy?

You bet, of course I am. I was overwhelmed by that. I think the program is truly of critical importance to the schools and state. To be associated with it is terrific.

How are you enjoying your retirement? Will we see you tuning into the IAC meetings?

In fact. I've taken a six month break and, among other things, spent more time with our 11-year-old grandchildren; taking them to school and after-school activities and learning about our schools from their perspectives. A great pleasure.

And yes, you might well see me tuning in on the IAC!



Kopp served as the State Treasurer of Maryland from 2002 to 2021 under four Governors.

She was a member of the House of Delegates from 1975 to 2002.

SCHOOL SPOTLIGHT

Greensboro Elementary Right-Sizing

The Interagency Commission on School Construction's (IAC) Gross Area Baselines (GABs) are used to determine the maximum square footage of a construction project that is eligible for State funding participation. The GABs, which are updated periodically, are based on the school type (Elementary, Middle, High) and the projected enrollment, and are developed to efficiently and economically support all of the spaces required to deliver educational programs required by the State in a traditional manner.

While the GABs as published are effective as-is for most schools, school facilities with increased community needs or programming that deviates from the standard or traditional curriculum may seek a variance from the standard GABs in order to request additional State funding to meet the needs of a specific school population.

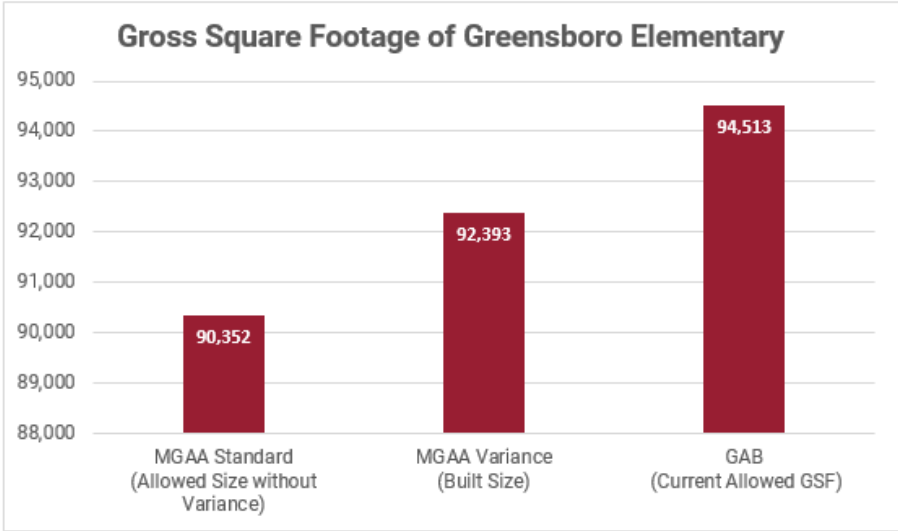
Greensboro Elementary School is a replacement school in Caroline County that is an excellent case study of how a Local Education Agency (LEA) can approach successfully receiving a variance from the State, as well as how to build a smartly designed facility that maximizes the use of all built space. Construction of the new school was completed for the 2021-2022 school year.

It is worth noting that updated GABs were released in 2019 that would have accommodated...

Photos courtesy of Chris Dorr Photography



...the additional square footage in the new Greensboro Elementary designs. However at the time of design submission the IAC and LEAs utilized slightly lower square foot numbers called the Maximum Gross Area Allowances (MGAA's). Nevertheless, the process to request a variance is the same. Greensboro ES is an excellent example of how to design a facility that comes in below the State's GABs and therefore, effectively supports the programmatic needs of the community while simultaneously responsibly considering the total cost of ownership of the facility over its expected lifetime (30 years on average in Maryland).



About Greensboro ES

The school population for Greensboro ES, located on the Eastern Shore of Maryland in eastern Caroline County, is 818 students, approximately 25% of which are English language learners. The original school utilized old relocatables as classroom spaces and overall, had poor circulation and usability for students and teachers due to an open-plan concept. Initially, the LEA planned to build a significant addition to the facility, but it was suggested by the IAC that a replacement school would be a better option for both usage of the facility and for the total cost of ownership over time.

When a replacement facility was agreed upon, Caroline County Public Schools (CCPS) began to discuss the increased up-front cost of construction with the IAC versus the addition they originally planned for. To request a variance to the allowed square footage of a facility and open up additional State funding, the IAC challenged CCPS to demonstrate how the design and size of the replacement was essential, efficient, and fiscally sustainable over time.

The high population of students who require additional programmatic support led to a non-traditional classroom design that included five flex classroom spaces and several classrooms for English language learners which led to additional square footage. The project's architect, Peter Winebrenner of Hord Coplan Macht, and the LEA's Assistant Superintendent for Administrative Services Milton Nagel worked with the IAC throughout the summer of 2019 to arrive at a design that all agreed would meet the school's needs.

The design was only 2,587 GSF or 2.86% larger than the then State's MGAs which have since been replaced with the GAB.

To ensure the viability of the project, the County increased local income taxes to ensure they could cover the local cost share of the project, made classroom sizes as efficient as possible, and reduced corridor widths and fine/performing arts spaces in order to meet the needs of the Title I and English language learner population. Additionally, it was determined by CCPS's Superintendent that the need for students to achieve language proficiency while in elementary school was essential to their overall education and career readiness and therefore contribution back into the Maryland community after graduating.

During testimony to the IAC, Winebrenner expressed that proving the need for the variance was a positive learning experience for the architect and expects that this process will be the norm moving forward to ensure that the square footage of a facility is correct for the needs. Winebrenner felt that it was a fair process. As a small LEA that had not constructed a new school in 40 years, Nagel shared that because the process was new to them, it helped them set groundwork, including the increased local tax for operating money on this project and future projects, for the process for future schools. A new technology education center for the county is anticipated for a planning approval request in the FY 2024/2025 Capital Improvement Program.

The process of requesting a variance, which Caroline County completed successfully for Greensboro ES, will vary on a case-by-case basis. The process can be started by the LEA contacting their IAC Regional Facilities Manager. In this case, the IAC approved an additional \$793,000 in State funding for the project.

Overall, the process of ensuring that a facility is built "right-sized," meaning the needs are met effectively and efficiently by the design with an eye on the long term fiscal responsibility, leads to a school that is purposefully designed for the education taking place in it and less expensive to operate over time. Greensboro ES has a space usage rating close to 100%, higher than the typical rating at 95%.

The IAC encourages LEAs to go through this process, whether or not a variance to allowed GABs is needed, as an exercise to create schools that are safe, healthy, educationally sufficient, and fiscally responsible for the local and state portfolios.

Photos courtesy of Whiting Turner



Enrollment Projections

Projecting student enrollment several years in advance is a complicated, but essential component of school construction planning because current enrollment numbers cannot be used reliably to meet future needs for a renovation or construction of a new school. Depending on how far in advance an LEA designs its facilities, a multitude of factors must be considered when projecting enrollment numbers.

Projecting enrollments with the best resources and knowledge available is critical for planning on the state and LEA level. Without enough space in a facility, a school cannot be educationally sufficient for its population, and with too much space, both the initial construction budget and ongoing operation and maintenance budget can quickly exceed available funds, leading to long-term portfolio management trouble.

In Maryland, projecting enrollments is a collaborative process completed on an annual basis. Projections utilize the cohort survival method, which looks at birth records to determine how many students will enroll in Kindergarten in a given year. From there, historic grade progression rates are applied to track the path of each cohort. However, projections are not just a simple formula. They also take into account the factors affecting populations more broadly, for example residential development and redevelopment can add students, and the type, size, and location of the development adds students at different rates which can change the needs of a student population, such as a greater need for English Language Learner spaces.

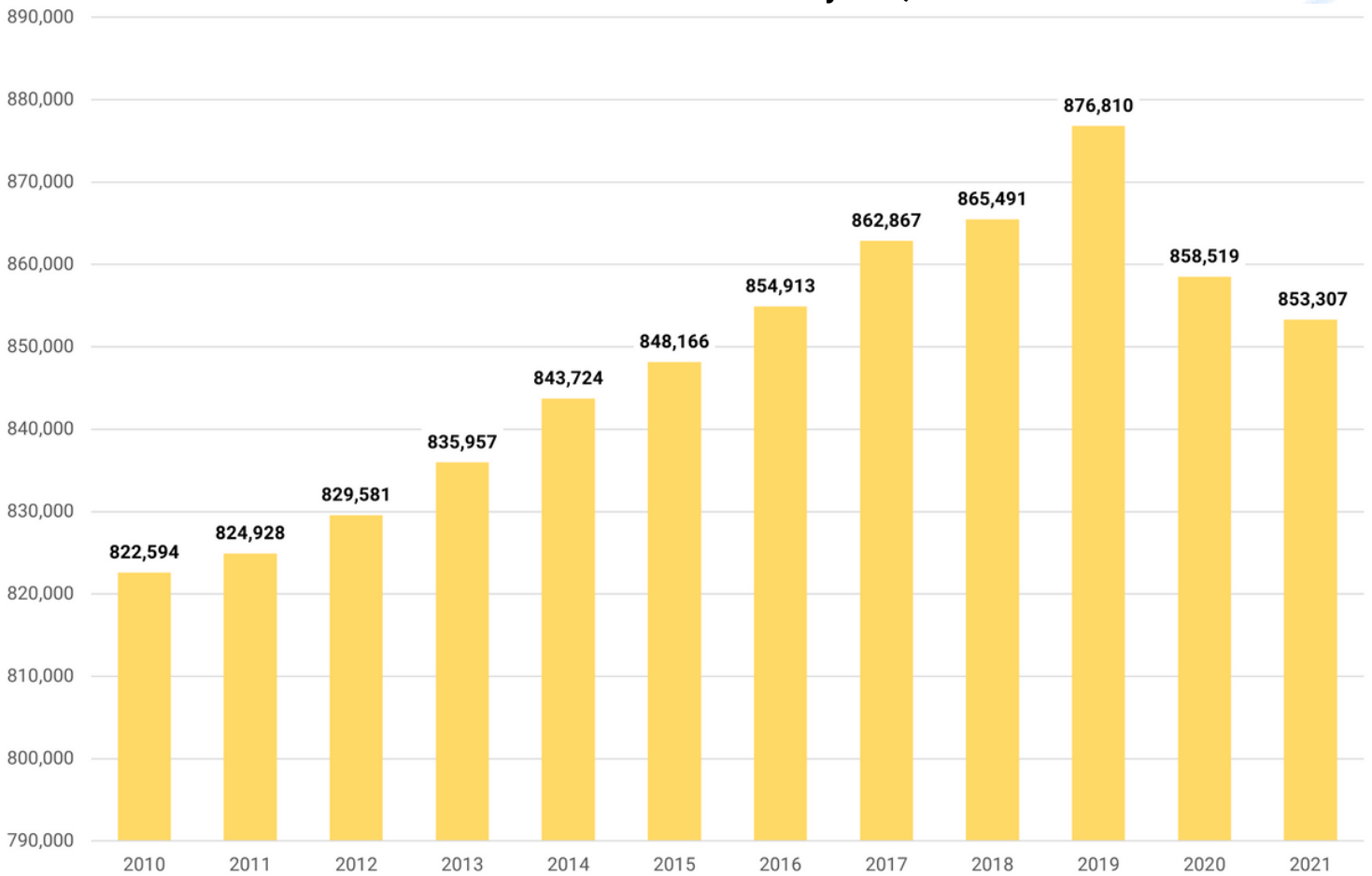
While managing enrollment numbers can be a multifaceted task, the IAC has analyzed enrollment numbers for most of its history and the IAC and LEAs make use of their experience and local knowledge in forming the most accurate projections possible.

The State Department of Planning (MDP) and LEAs each develop projections at the LEA level. Once the parties have verified that both projections are within 5% of each other, the LEA can use the numbers to develop an Educational Facilities Master Plan, which feeds into funding program submissions, the IAC's calculations of eligible Gross Area Baselines, and the maximum state allocation for construction projects. As such, enrollments provide an essential start to the process of allocating funds to LEAs.

Two primary factors determine the demand for school facility space: the educational program and the student population.

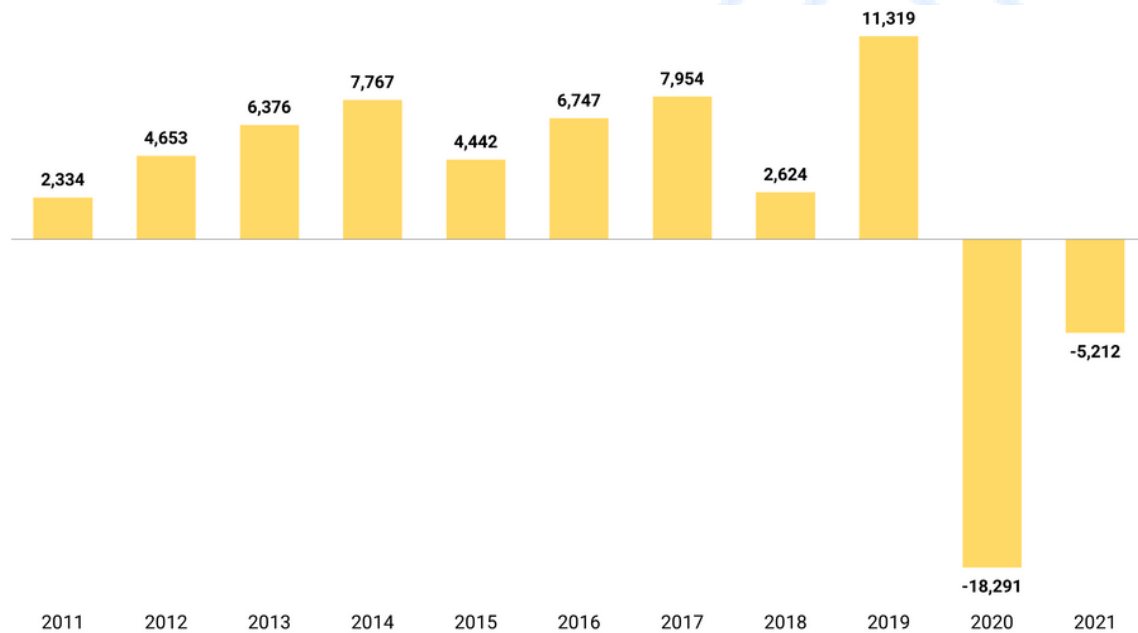
Enrollment Data

Public School Enrollment in Maryland, 2010-2021



In the past decade, immigration to Maryland and migration out of the State have nearly balanced out.

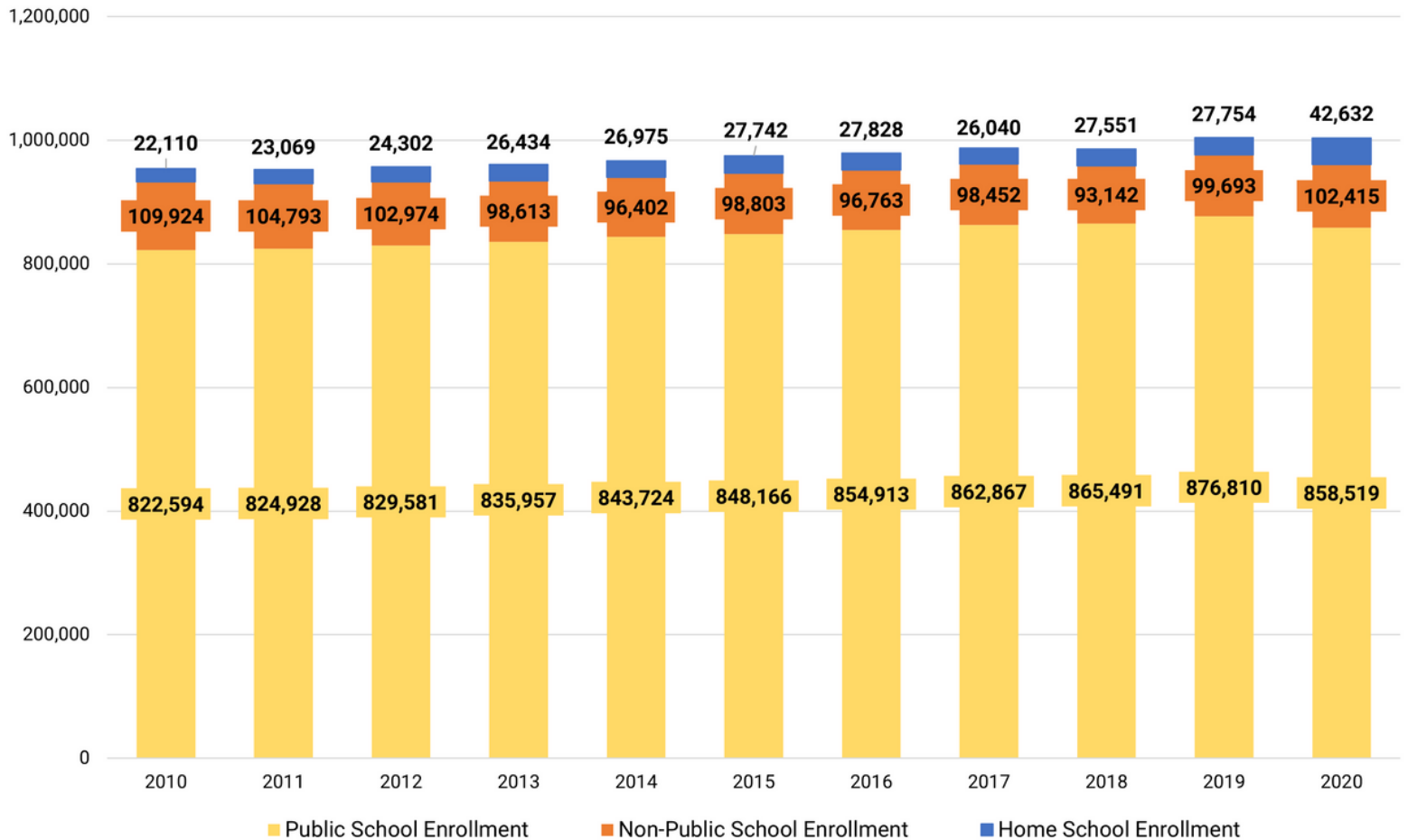
Annual Change in Total Public School Enrollment in Maryland, 2010-2021, Grades K-12



From 2010 to 2019, an increase in enrollment of roughly 50,000 students occurred, followed by a steep decline from 2019 to 2020 due to the COVID-19 pandemic. An additional period of declining enrollment continued from 2020 to 2021.

Though enrollments were originally expected to bounce back after the rollout of vaccinations to school-aged children, numbers have not rebounded as anticipated despite a lack of migration out of the state. Private school enrollments are holding steady; while an increase has been observed in home school enrollments.

Total (Historical Public + Non-Public + Home School) Enrollment in Maryland, 2010-2020



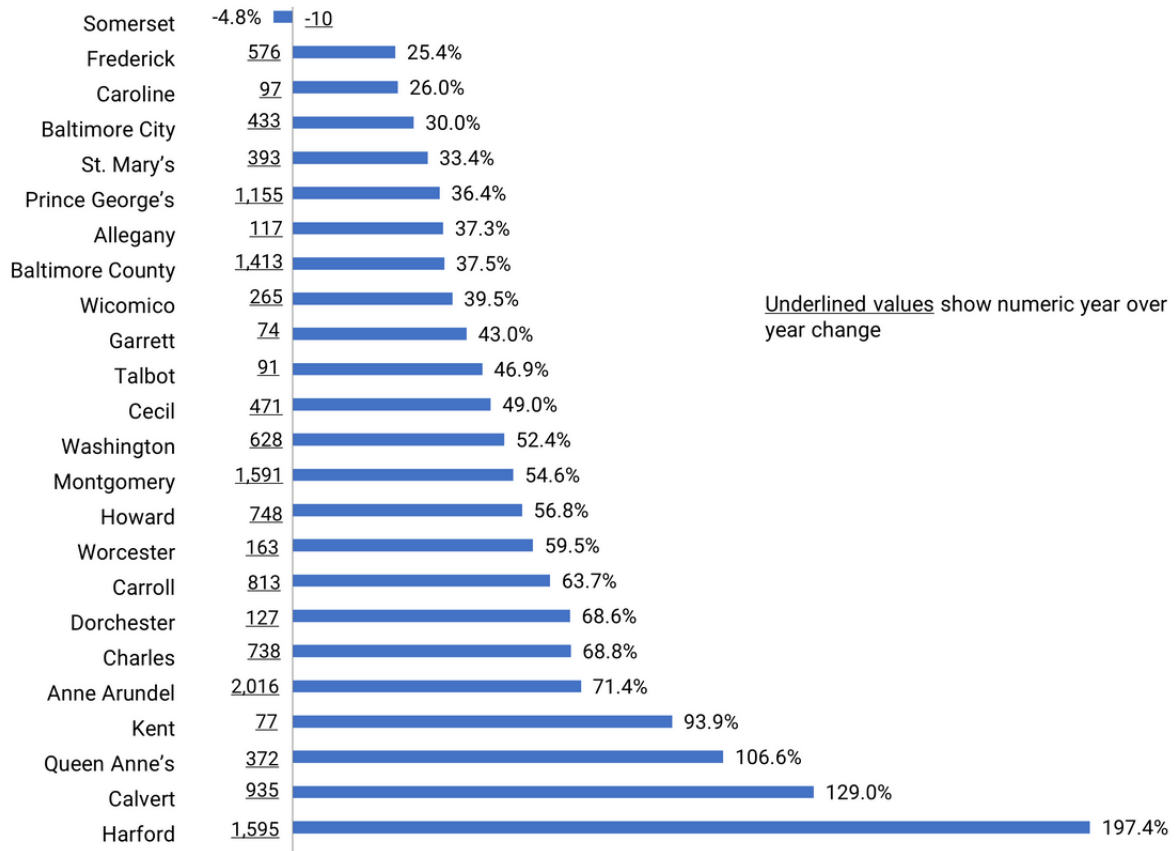
"The Department of Planning has been monitoring enrollment changes as a result of the response to COVID-19 since the early days of the pandemic. Predicting when and how public school enrollment will bounce back is a challenging task and involves close analysis of available data including birth records, immigration, and out migration throughout Maryland. Though these are unprecedented times, the projections made by LEAs are generally in line with the State's projections due to our practice to share data methods across the state."

Interagency Commission Member Secretary McCord

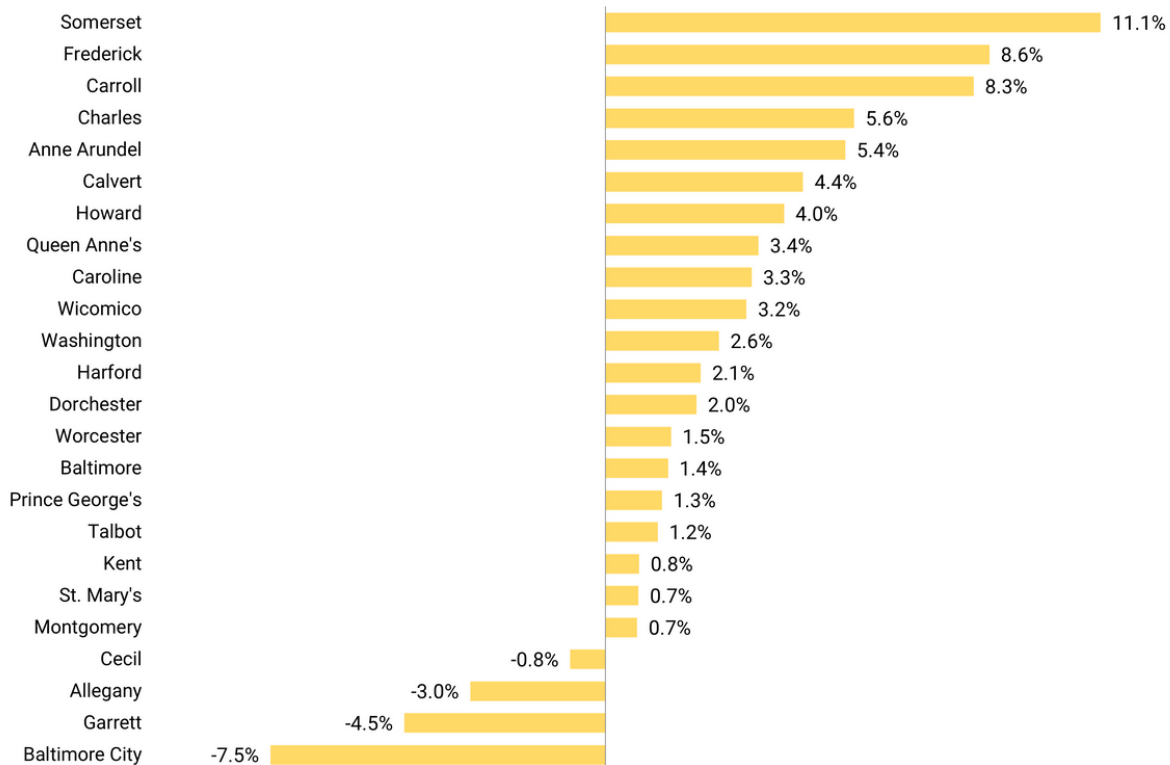


The graph below depicts county level changes in home school enrollments from 2019 to 2020. During this period, many LEAs observed a greater number of families opting to home school their children. The second graph shows projections for public school enrollments by county over the next ten years.

Percent Change in Home School Enrollment, 2019-2020

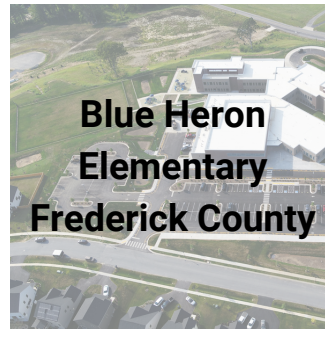
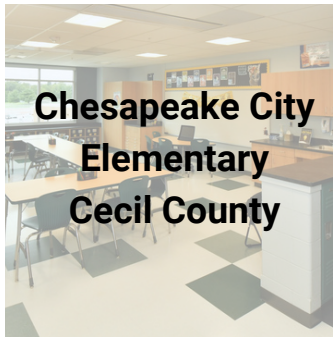
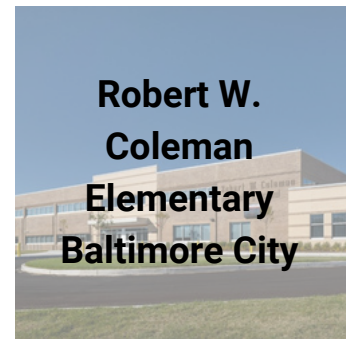
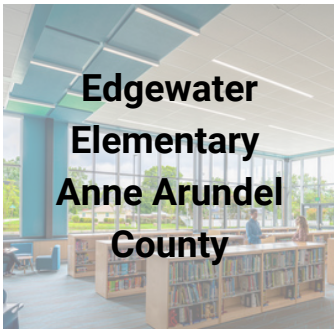


Projected Percent Change in Public School Enrollment, 2021-2031



School Openings

During FY 2022, the following new and significantly renovated school facilities were opened to students. The Baltimore City schools were funded through the 21st Century School Buildings program.



Interagency Commission Member Brian Gibbons

"The IAC and its staff have been closely monitoring rising materials costs in the construction industry. To ensure that school construction projects move forward as scheduled, the IAC continues to approve project-by-project cost increases when actual costs exceed original bids and contracts. Schools and the construction industry are facing nearly unprecedented market conditions and the IAC will continue to work to evolve and support each needed school project and its individual needs."



Total Cost of Ownership

The IAC's mission is to provide a safe, healthy, and educationally sufficient learning environment for every child in every seat in Maryland. In order to achieve this, the overall state portfolio of school facilities must be fiscally sustainable for current and future generations. The fiscal sustainability of each school facility influences the LEA's overall portfolio and the State's portfolio, so the IAC works to provide tools for LEAs to carefully plan and manage every facility that is built and maintained in the state.

It is estimated that the annual spending to sustain Maryland's existing school facility portfolio is \$2.212 Billion. This figure consists of approximately 50% capital maintenance and 50% operations and routine maintenance. While square footage of portfolios have been increasing over the years, the number of maintenance professionals on staff has declined and facilities and maintenance funding availability is far too often squeezed as organizations struggle to meet all of their programmatic funding needs, leading to a portfolio that is overall too large to manage.

The Total Cost of Ownership (TCO) of school facilities is at the core of the work of the IAC, and when effectively considered, will over time lead to facilities and overall portfolios with lower financial and staff needs for continued ownership and management. Understanding each facility's required resources and resulting outcomes leads to a good understanding of the return on investment for the portfolio overall. For LEAs to have a strong understanding of their portfolio and to support continuous improvement of processes, transparency, and accountability, it is necessary to have accurate and comparable data regarding the condition of facility features, their educational sufficiency, and the maintenance required to maintain or improve the condition.

Interagency Commission Member Michael Darenberg

"As a parent of a public school student, my family understands first hand the importance of a sufficient and reliable classroom and school facility. Building schools that can realistically be maintained is essential to having a classroom environment that is hospitable to learning and teaching, not only for today's students but also for students in the long term. The investment in facilities that the State of Maryland has been committed to not only benefits our students and staff but the community overall. School facilities that people can be proud of is uplifting to the community it services and makes our students feel a sense of pride and importance."

The IAC believes that the essential tools for sustainability are

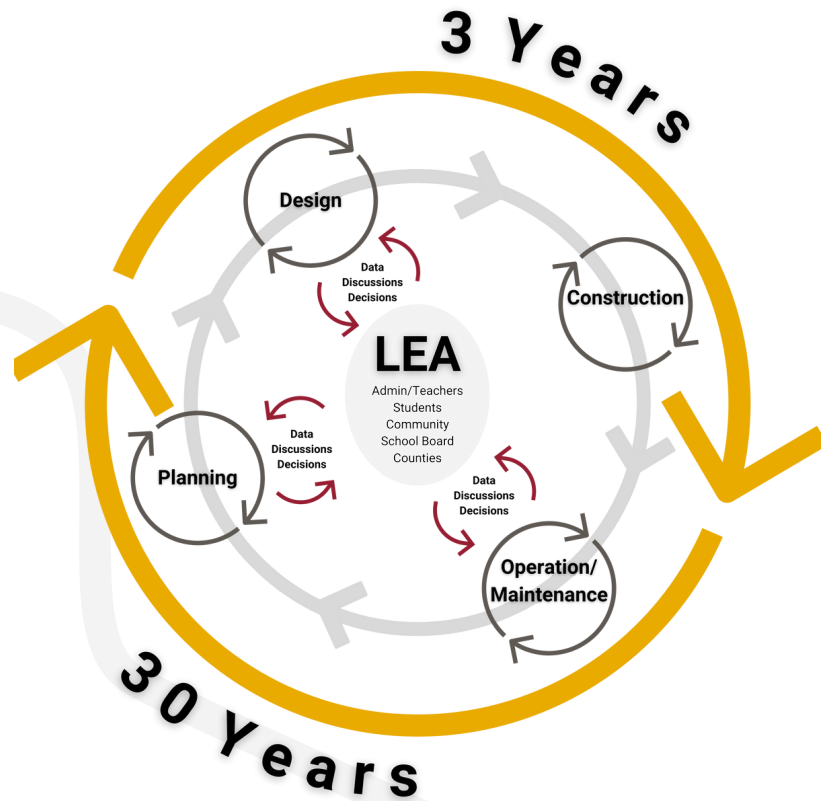
- Portfolio management approach;
- Regular assessment of facilities, maintenance, and operations;
- Analysis of the accurate data; and
- An overall focus on TCO.



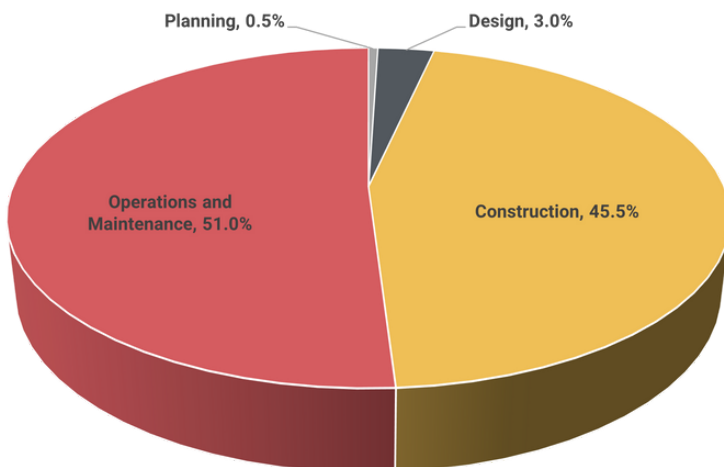
There are four primary phases in the life cycle of a facility: Design, Construction, Operation/Maintenance, and Planning. The Design and Construction phases of a facility, while often the most visible and widely discussed by constituents, typically make up just 3-5 years of a facility's life cycle. Operation/Maintenance makes up 30 years of the life cycle, and if managed carefully, should keep the facility operating for its intended purpose for the entire life of the facility. At the 30 year mark, it is typically anticipated that the facility will need significant renovations to be brought up to current standards and expectations.

In order to manage the TCO effectively, the IAC encourages LEAs to consider all phases of a facility's life cycle when building and renovating. The IAC also encourages that TCO is evaluated as part of a LEA's full portfolio, rather than for individual facilities in isolation.

Because changing populations lead to changing facility needs, managing the TCO with a portfolio-level view allows the LEA and the State to utilize economies of scale to manage changes in enrollment and educational programs. It also allows for the LEA to adjust school assignments to maximize utilization of a facility, which should lead to the freeing up of funds for programming. Decisions made during the brief Planning and Design phases can have a significant impact on the TCO. Decisions that take energy efficiency and/or the expected life of a facility into account, such as choosing a standing seam metal roof over a asphalt shingle roof, may have higher up-front costs but can drastically increase the expected lifespan of systems and drastically reduce energy consumption, leading to long term savings and a reduction in overall TCO.



In addition to the selection of specific systems, the size of a facility also has a major impact on TCO, which is why the IAC considers the Gross Area Baselines (GABs) when considering State funding participation for construction projects. The Gross Area Baselines (GABs) are based upon traditional practices in facility-space allocation and allow LEAs to determine the maximum recommended size of a facility required to deliver sufficient educational services to students. Based on grade levels served and projected enrollments, the GABs allow for add-on square footage for special-education and career & technology education programs as well as the option for the IAC to grant a variance from the baseline when additional space is needed to support the facility's programs.



A main goal in utilizing GABs when planning construction is to ensure that in the future, necessary academic projects will not be in danger of losing funds due to operations and maintenance costs. Building a right-sized facility can decrease TCO over time.

In addition to the GABs, the IAC considers eligible enrollment projections, construction costs per square foot (which are updated annually by the IAC), and the state cost share percentage when determining eligible funding through major programs.

These early decisions in facility size are key to achieving a fiscally sustainable facility. Over time, if all new construction and renovation projects are carefully considered with these elements in mind, each facility can have a reduced TCO, and therefore a reduced TCO of the entire LEA and State portfolio.

**Educational
Sufficiency
Standards**



**Gross Area
Baselines
Calculator**



**TCO
Comparison
Tool**



**Read about how TCO considerations
impacted the roof replacement
project at Green Holly Elementary in
St. Mary's County**

Fall 2021 IAC Newsletter Spotlight



Green Holly Elementary School, St. Mary's County. Photo: St. Mary's County Public Schools

School Maintenance

Fiscal Year 2022 saw the second year of the IAC's new Maintenance-Effectiveness Assessment (MEA) process. The MEA implemented in FY 2021 differs significantly from the previous maintenance surveys. It introduced a system to recognize major and minor deficiencies in maintenance, recalibrated the rating scale and category weights to be better aligned with industry standards, and reorganized and added assessment categories. The new MEA introduced a category for maintenance management, which includes maintaining and following preventive maintenance plans and utilizing a computerized maintenance management system in certain ways.

265

**Schools
Assessed**

**31 Years
=
Statewide
average adjusted
facility age**

**The Annual
Maintenance Report
is released every
October on the IAC
website.**



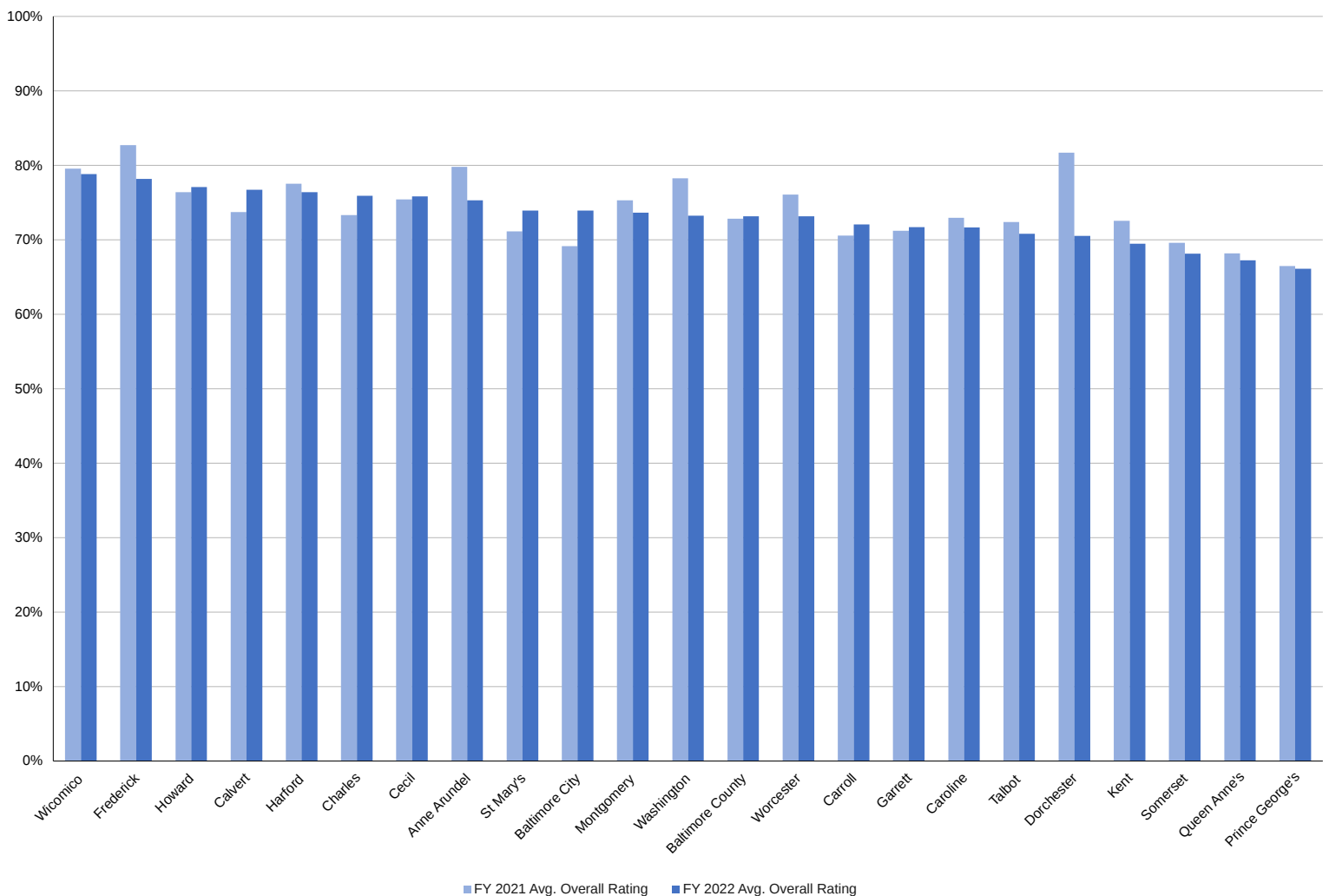
Interagency Commission Member Secretary Ellington Churchill

"The IAC's annual performance of maintenance assessments helps Local Education Agencies to learn where they can improve their maintenance practices by adopting the industry best practices. The MEA results also show LEA, county, and State decision makers where existing resources may be insufficient for effective maintenance."

MEA Scores

Because of these significant changes, the results of the FY 2021 and FY 2022 assessments are not comparable to results prior to FY 2021. Assessment results are displayed below for FY 21 and 22. The IAC publishes a full report on the MEA annually in October, so full data is currently being compiled for that report. Please note that a different sample set of facilities is assessed each year, so results from one year to the next are not necessarily directly comparable and may be a result of the specific schools selected, especially in smaller LEAs with small sample sets.

FY 2021 vs FY 2022 Maintenance-Effectiveness Assessment Scores



In FY 2022, the IAC created a Maintenance Effectiveness Reference Guide to provide an overview of all categories that are assessed in the MEA. The Guide includes information on what the IAC's assessors look for, in addition to corresponding photos as examples, to serve as a tool for LEAs to prepare for their assessments and steer efforts to improve their maintenance practices and MEA scores. The guide for [FY 2022 assessments](#) and the updated guide for [FY 2023 assessments](#) are available on the IAC website.

HVAC Status Report

Heating, ventilation, and air conditioning (HVAC) systems are a key element of having a safe and healthy learning environment for Maryland's students and school staff. HVAC projects are eligible for State funding through most of the IAC's programs and this fiscal year has brought continued progress towards achieving 100% functioning HVAC systems in every public school in Maryland.

As of June 1, 2022, 26 of Maryland's 1,363 public school facilities in service remain unairconditioned. 100% of those schools that are owned by LEAs have either received State funding for HVAC projects or are slated for HVAC projects.

While a high rate of schools have functioning systems, and preventive and corrective maintenance of existing systems is ongoing in all LEAs, the second highest percentage of failing ratings in the FY 2021 Annual Maintenance Report was in the area of HVAC systems, at 36.2%. The IAC encourages all LEAs to complete routine preventive maintenance on HVAC systems to prevent the need for costly premature system replacements.



Interagency Commission Member Linda Eberhart

Funds made available by statute in 2018 provided \$15 million in additional funds specifically for HVAC improvements in Baltimore City. These funds could be applied towards design and construction.

As of May 26, 2022, 16 projects were operational and three in design. All of the additional funding has been allocated and the program is approaching its conclusion.

"As a veteran teacher in Baltimore City with 38 years in the classroom, I have firsthand experience with the importance of having adequate HVAC systems in Maryland's public schools. As a member of the commission, I will continue the IAC's work to ensure that all students in all schools in Maryland have an environment that is safe and comfortable for learning."



Legislative Update

Changes to legislation implemented in the FY 2022 legislative session impacting the IAC are outlined below.

HB 1290: Implements numerous recommendations of the Workgroup on the Assessment and Funding of School Facilities:

- States that the intent of the General Assembly is that the State will provide at least \$450 million per year to school construction annually.
- Requires that the IAC create an appeal process specifically for enrollment projections at an individual project, which will be developed by the IAC staff as a process separate from the existing appeal process in COMAR 14.39.02.28.
- Requires that the IAC only deduct funding for available seats at adjacent schools if the sum of the available seat count in all of the adjacent schools is 15% or more of the subject school's enrollment, as opposed to the available seat count at a single school.
- Cost share related changes:
 - Limits decreases to the State/local cost share to 5% in a two year period.
 - Requires the IAC to update the cost share formula based on the Kirwan Commission's funding formula for FY 2025 and 2026.
 - Provides for a 10% increase incentive in the State share for projects where the concentration of poverty is 80% or greater, a 5% increase when between 55-85%, and a 5% maintenance incentive for schools with "good" or "superior" ratings on their most recent maintenance assessment or for schools with an "adequate" rating and an average expected useful life of at least 120%.
 - Creates a 5% increase incentive for projects with an estimated Total Cost of Ownership that is 15% less than the IAC's baseline. Life cycle cost standards are currently being drafted in collaboration with the Department of General Services.
- Requires the IAC to update the Gross Area Baselines to align with provisions of the Blueprint Act to consider English language learners, concentration of poverty requirements, collaborative planning spaces, breakout spaces, career and technical education, and pre-kindergarten.
- Statewide Facilities Assessment (SFA) related changes:
 - Requires the SFA to include a process for LEAs to report information relevant to the assessment annually.
 - Requires the IAC to collect information on additional elements, including humidity, lead paint, kitchen equipment, carbon dioxide, and acoustics.
 - Requires that LEAs submit correction plans to the IAC for any issues severe enough to cause a school closure, and that the IAC works with the LEA to prioritize funding to correct these issues.
 - Establishes that the IAC cannot use SFA data in making funding decisions prior to May 2026 for Fiscal Year 2027, though the data can be used to provide context, work with LEAs, fulfill legislative requests, and complete analysis or reports before that time. Before using the data for any other purpose, all data must be made available to all LEAs through the Integrated Master Facility Asset Library.

Legislative Update

- Requires the formation of a new workgroup on or before July 2024 to determine weighting to be used in determining the final procedure for setting the Maryland Condition Index score for each facility.
- Modifications to the Revolving Loan Fund:
 - Mandates funding of \$40 million in FY 2023, \$20 million in FY 2024, and \$10 million per year in FY 2025 and FY 2026, that can be used to forward fund school construction projects that have received local planning approval.
 - Priority is to be given to LEAs with limited debt capacity or those that have not historically forward funded projects.
 - Establishes a minimum repayment period of five years and requires the establishment of procedures to administer the program, including for granting repayment waivers.
- Extends the Healthy School Facility Fund to FY 2026 (previously set to expire after FY 2024) and requires that Baltimore City receive half of available funding from FY 2021 to FY 2026.
- Modifies provisions related to the Prince George's County public private partnership program: the IAC will provide funding directly to the county rather than vendors, reinforces that the IAC has a role on the program's governing body, and the IAC must approve the project agreements and space and site selections.
- Renames the Priority Fund to the Nancy K. Kopp Public School Facilities Priority Fund.

SB 528: Increases the State share of eligible school construction project costs by 5% for schools built as net-zero.

SB 259: Makes ongoing mechanical service contracts exceeding \$2,500 subject to State prevailing wage laws.

HB 739/SB 916: Establishes the Workgroup to Study the Fiscal and Operational Viability of Public-Private Partnerships for Charles County Public Schools, on which the IAC Chair or his designee will serve as a member.

HB 19: Requires that local school boards seeking State funds for school construction must submit a pedestrian safety plan to the IAC for approval. County boards, not the IAC, shall make all determinations about the contents of a pedestrian safety plan.



Interagency Commission Member Gloria Lawlah

"Several bills in FY 2022 will bring changes to the IAC's processes, including new incentives that will help LEAs to secure additional funding for their construction projects. These developments are intended to increase adherence to recommended maintenance processes, improve TCO, and provide additional funds to facilities where the concentration of poverty is elevated or that achieve net zero energy usage."

Financial & Program Reports



Financial Reports

The final section of this report includes summary information and data for each of the IAC's funding programs active in Fiscal Year 2022. Full details, including procedures guides, eligibility requirements, past year information, and legacy programs, are available on the IAC website.

State funding amounts are based on funding targets, which are a combination of the LEA's ten-year funding average and enrollment. Some IAC programs have statutory minimums for projects and some are competitive based on need. All funding is provided to the extent that the LEA requests funding for projects that are eligible. Details regarding eligibility and requirements for each program are available on the IAC website.

\$1,248,653,024

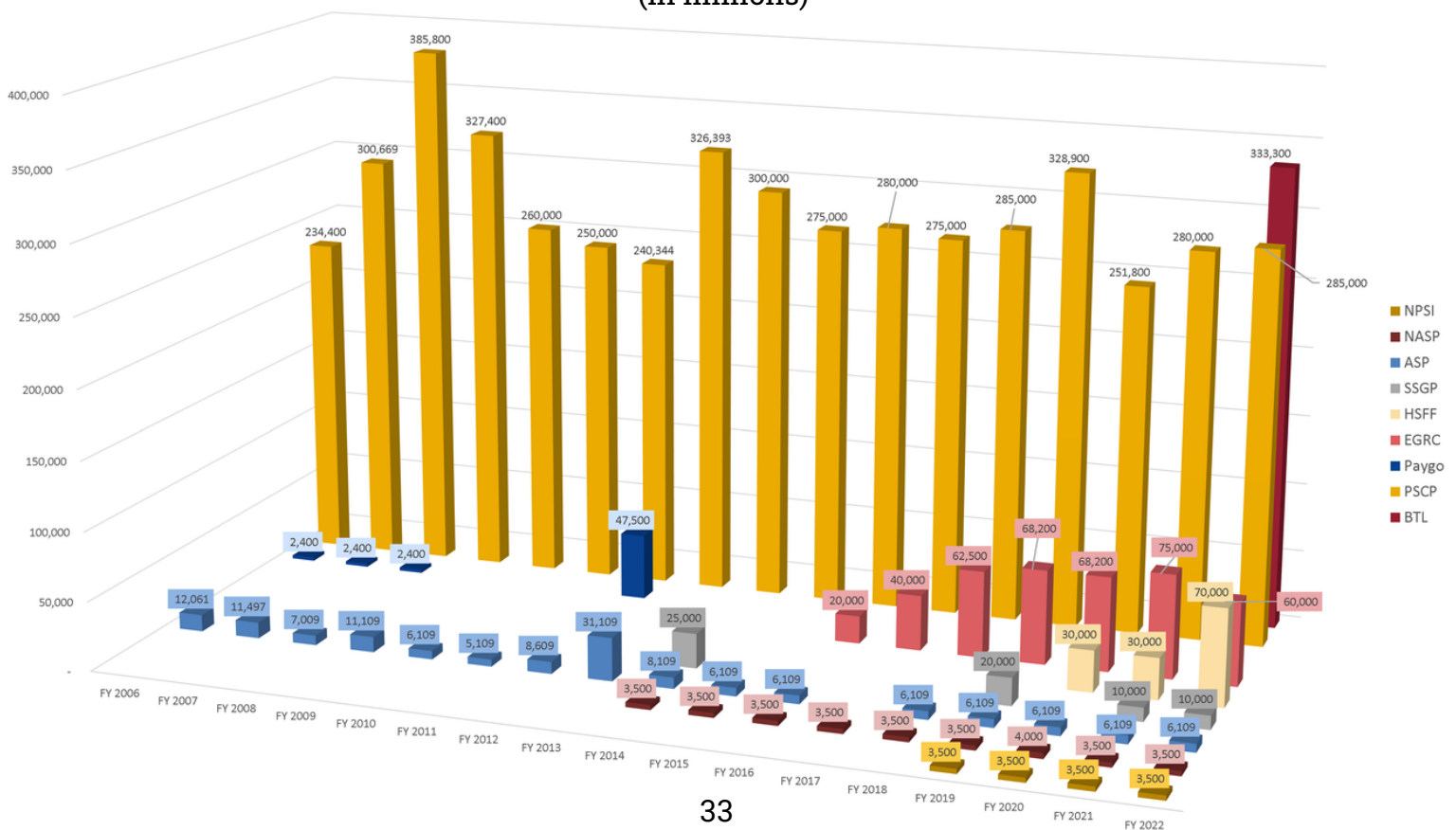
**Allocated
for FY 2022**

\$1,247,246,141

**Awarded
in FY 2022**

**Includes FY 2021 and Federal
HSFF Funds**

Capital Funding by IAC Program FY 2006-2022
(in millions)



Public Funding Programs

Built to Learn Program

\$750M

Awarded

29 Schools

9 LEAs

Involves revenue bonds issued by the Maryland Stadium Authority (MSA) to fund school construction projects. Provides for MSA to manage projects.

Capital Improvement Program

\$369.9M

Awarded

100 Schools

23 LEAs

The State's largest school construction grant program. Can be used for major new, renewal, replacement, addition, or capital maintenance (systemic renovation) projects and includes add-ons for certain LEAs through the Enrollment Growth and Relocatable Classroom program.

Healthy School Facility Fund

\$104.9M

Awarded

102 Schools

18 LEAs

For projects improving HVAC, mold remediation, temperature regulation, plumbing (including lead in drinking water), roofs, and windows. Priority is given to issues posing an immediate life, safety, or health threat to occupants. HSFF allocations for FY 2022 included \$30 million in FY 2022 funding, \$35 million in FY 2021 funding, and \$40 million in Federal funding. A total of \$104.9M of the available \$105M was awarded.

Public Funding Programs

School Safety Grant Program

\$8.9M

Awarded

430 Schools

19 LEAs

Provides funds for school security improvements such as access control, new camera surveillance systems, door hardware and improvements, emergency generators, campus lighting, etc.

Aging Schools Program

\$5.8M

Awarded

66 Schools

21 LEAs

Funds projects in aging facilities for capital improvements, repairs, maintenance, and deferred maintenance. Funds can also be used to address life, safety, and public health risks that may negatively impact building occupants.

Innovation Incentive Pilot Program

\$0

Awarded

Limited to Harford, Prince George's, and Washington County schools, this program provides incentives to encourage LEAs to pursue innovative school facility construction projects. This is a pilot program that expires after Fiscal Year 2024. It requires projects to be built at least 30% below the IAC's project cost formula. No LEAs took advantage of this program in FY 2022.

Nonpublic Funding Programs

While the vast majority of the IAC's funding programs provide support for public school construction, there are two small programs for nonpublic schools in Maryland. To receive funding, schools must be eligible for participation in the Maryland State Department of Education's Aid to Nonpublic Schools Textbook Loan Program, which ensures that eligible schools have tuition at or below the statewide average per pupil expenditure by Local Education Agencies from the second prior fiscal year.

The Nonpublic Schools Safety Improvements program provides grants for renovations and safety improvements with an estimated life expectancy of at least 15 years. The Nonpublic Aging Schools Program provides grants for projects that protect the school from deterioration.

Nonpublic Aging Schools Program

\$3.5M

Awarded

203 Schools

19 Counties

The Senator James E. "Ed" DeGrange Nonpublic Aging Schools Program provides grants for renovations and improvements to existing nonpublic school buildings. \$3,499,524 was allocated by the IAC at their meeting on April 14, 2022, with \$476 of unobligated funds remaining.

Nonpublic School Safety Grants

\$3.5M

Awarded

181 Schools

18 Counties

Provide grants for safety improvements to existing nonpublic school buildings. This program is managed by the Maryland Center for School Safety. The total award amount for fiscal year 2022 was \$3,457,687, with \$42,213 of unobligated funds remaining. 181 of 196 applications were approved.

Built to Learn Program

Total Awarded FY 2022 **\$750,429,426** **29 Schools** **9 LEAs**

Surpassing the Capital Improvement Program as the largest IAC funding program, the Built to Learn program represents an increased State commitment to invest in school construction projects.



The Built to Learn Act was enacted into law in 2020 and became effective in February of 2021. Administered in partnership with the Maryland Stadium Authority (MSA), BTL is based on the issuance of revenue bonds by MSA to fund construction projects. Additionally, MSA provides for management of the construction projects. MSA is authorized to issue \$2.2 billion for the program, with an estimate of \$1.8 billion currently used to calculate allocations per LEA for the program. Based on statute, six LEAs (Anne Arundel, Baltimore, Frederick, Howard, and Montgomery Counties as well as Baltimore City) receive a fixed percentage of available funds and 17 LEAs receive a share of the remaining funding proportional to their September 2019 enrollment numbers. Funding for Prince George’s County is contingent on the approval of a Public-Private Partnership agreement between the county government and private companies that will enhance the delivery of school construction projects.

Unlike the IAC’s other funding programs which operate on a Fiscal Year cycle, BTL projects are approved by the IAC on a rolling basis. As of the publication date, approved projects include:

- \$750,429,426
- 29 projects
- 29 schools
- 9 LEAs

Swansfield Elementary School, Howard County. Photo: Tom Holdsworth
Showell Elementary School, Worcester County. Photo: Worcester County Public Schools
West Salisbury Elementary School, Wicomico County. Photo: Wicomico County Public Schools



Built to Learn Program

BTL projects are subject to the same eligibility requirements as the Capital Improvement Program, including the annually updated construction cost per square foot, Gross Area Baselines (allowable square footage determined on a per student basis), State and local cost share percentages, and project elements eligible for expenses. BTL also requires that a county government must commit to matching State funds.

In an additional effort to increase the State commitment to supporting LEAs through all steps of construction, project elements that are eligible have been expanded, not only BTL but through almost all IAC programs, to include architectural and engineering fees, consulting fees, movable furniture, fixtures, equipment, and planning costs, as of the 2021 legislative session.

Note: This report includes projects in fiscal year 2022. Full details and a list of currently approved BTL projects can be found in the BTL publication on the IAC website.

Projects approved during fiscal year 2022 for BTL funding are displayed in this table.

LEA	Project	Type
Anne Arundel County	Hillsmere Elementary	Replacement
	Old Mill West High	New
	Rippling Woods Elementary	Replacement
	West County Elementary	New
Baltimore County	Bedford Elementary	Replacement
	Landsdowne High	New
	Northeast Area Middle	New
	Pine Grove Middle	Renovation/Addition
	Summit Park Elementary	New
Carroll County	Westminster East Middle	New
Charles County	J. P. Ryon Elementary	PreK & K Addition
	Malcolm Elementary	PreK & K Renovation/Addition
	Maurice J. McDonough High	Renovation/Addition
Frederick County	Brunswick Elementary	Replacement
	Green Valley Elementary	Replacement
	Valley Elementary	Replacement
	Waverley Elementary	Replacement
Harford County	Homestead Wakefield Elementary	Replacement
Howard County	Hammond High	Renovation/Addition
Montgomery County	Burnt Mills Elementary	Replacement
	Clarksburg Cluster #9 Elementary	New
	Neelsville Middle	Replacement
	Page Elementary	Addition
	Poolesville High	Renovation/Addition
	South Lake Elementary	Renovation/Addition
	Stonegate Elementary	Replacement
	Woodlin Elementary	Replacement
	Woodward High	Replacement
Wicomico County	Mardela Middle/High	Renovation/Addition

BTL Publication



Capital Improvement Program (CIP)

Total Awarded FY 2022 \$369,906,715 100 Schools 23 LEAs

Since 1972, the IAC has made allocations for capital construction each year, totaling over \$9 billion in funding. This historical State commitment to school construction continues today, with nearly \$370 million allocated for Fiscal Year 2022. Allocations for the CIP are based on a rough target driven largely by LEA enrollment numbers, but may vary based upon eligible project requests.

In Fiscal Year 2022, the IAC received 164 funding requests from 23 LEAs and the Maryland School for the Blind and approved 91 projects, including:

- 36 major construction projects
- 2 kindergarten projects
- 53 systemic renovation projects
- 9 projects received planning approval

Healthy Schools Facility Fund (HSFF)

Total Awarded FY 2022 \$104,999,493 102 Schools 18 LEAs

Since Fiscal Year 2020, the Healthy Schools Facility Fund has provided grants for projects that improve the health of school facilities, applying priority to correcting issues that pose an immediate life, safety, or health threat to occupants. Projects can address air conditioning, heating, air quality, mold remediation, temperature regulation, and plumbing to address lead. Awards are competitive based on the potential impact of submitted projects on student health and the ability of the facility to adequately provide for education. Allocations in the FY 2022 HSFF included funding for both FY 2021 and FY 2022. Baltimore City has an extended application period, so reserved funding may still be utilized.

School Safety Grant Program (SSGP)

Total Awarded FY 2022 **\$8,956,368** **430 Schools** **19 LEAs**

Previously administered solely by the IAC, the School Safety Grant Program is now administered in partnership with the Maryland Center for School Safety (MCSS) after the administration of the program was assigned to MCSS for FY 2022. Eligible projects include secure and lockable doors, areas of visual refuge, surveillance systems, and security communications. Allocations are based on a formula that uses a combination of each LEA's enrollment and total square footage.

Aging Schools Program (ASP)

Total Awarded FY 2022 **\$5,884,798**

65 Schools **21 LEAs**

The Aging Schools Program has been providing funding to address general needs of aging facilities since 1997.

Eligible projects seek to protect the school from deterioration while also improve safety of occupants and enhance delivery of educational programming and awards are based upon statutory allocations in the annual budget bill. A minimum building age of 16 years is required. Common recent ASP projects include replacements of lifts and elevators, floors, PA systems and intercoms, and playground equipment and surfaces.

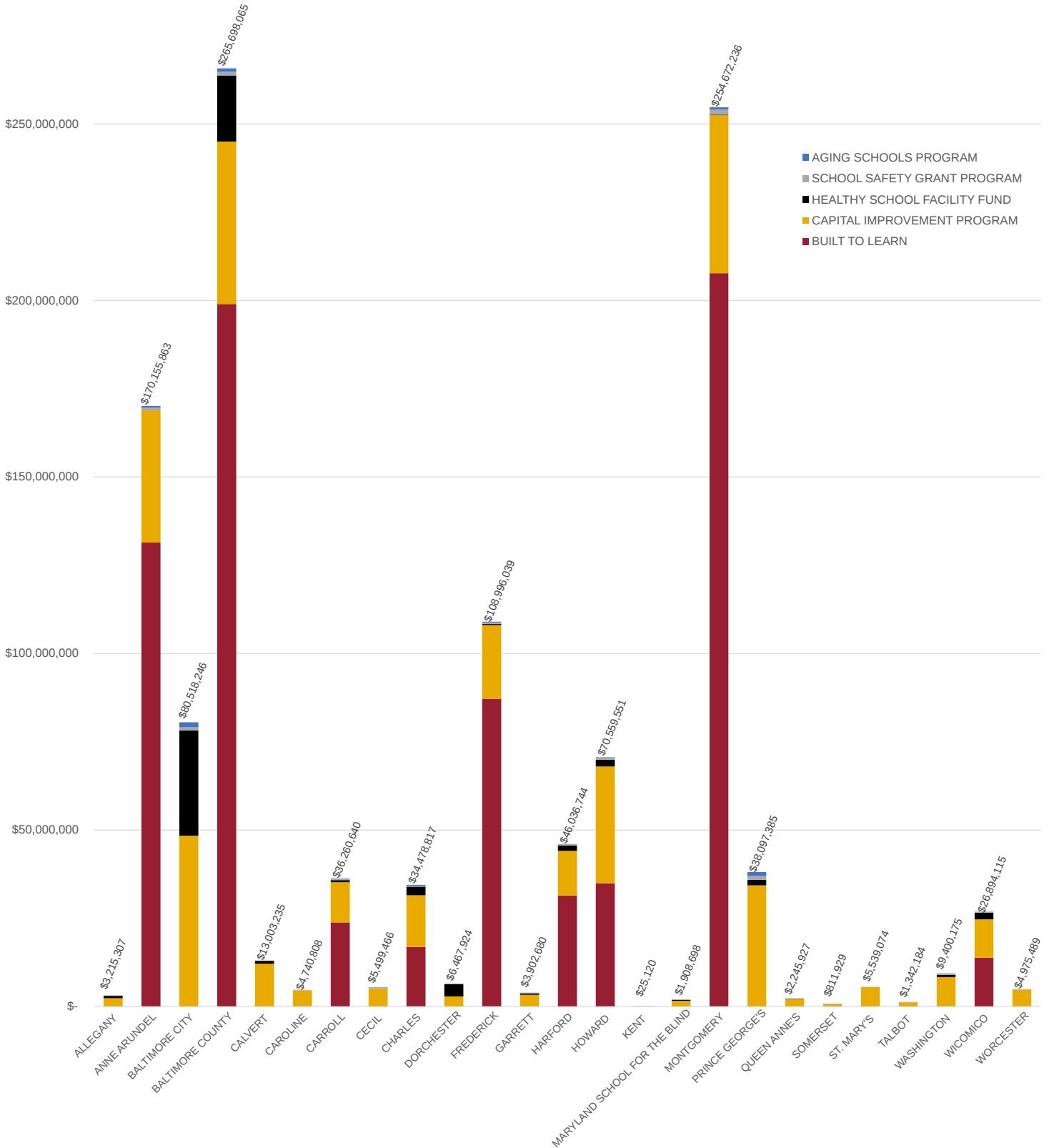
Interagency Commission Member Dick Lombardo

"The Commission is very proud to support local school systems to enhance and create new facilities through a number of funding programs. Our goal is to ensure that every child in Maryland has a safe, healthy, and educationally superior place in which to learn. All of the school systems face unique challenges, which they overcome through continual innovation and improvement."



Total IAC Funding

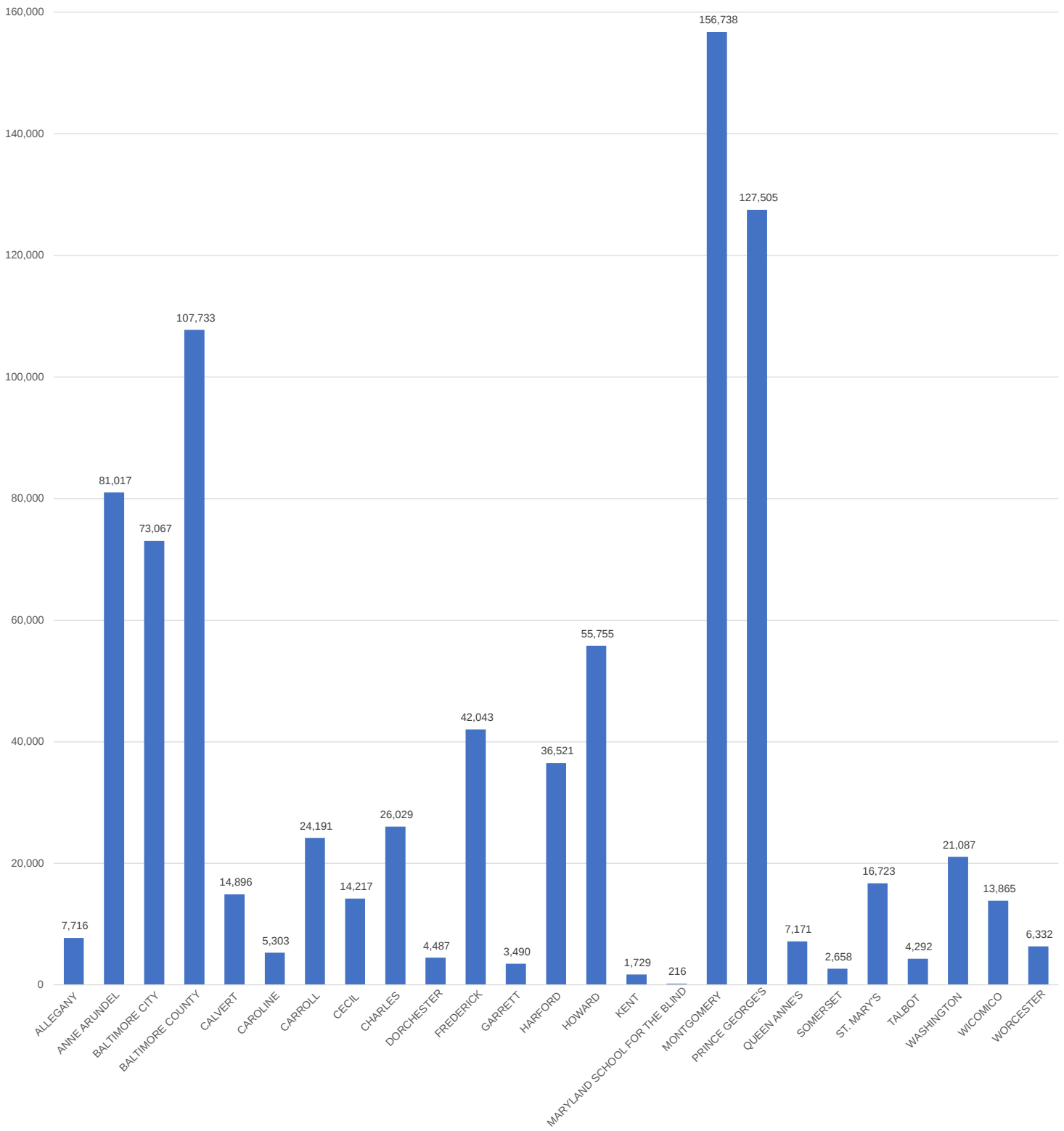
FY 2022 Total Public Funding Program Awards by LEA



Enrollment by LEA

Some, but not all, IAC funding programs and allocations are driven by enrollments, either as a formula like SSGP or as a rough target like the CIP. Compare the enrollment graph below with the funding chart on the previous page to see that generally, the distribution of State funding follows enrollments fairly closely.

FY 2022 Public School Enrollment by LEA

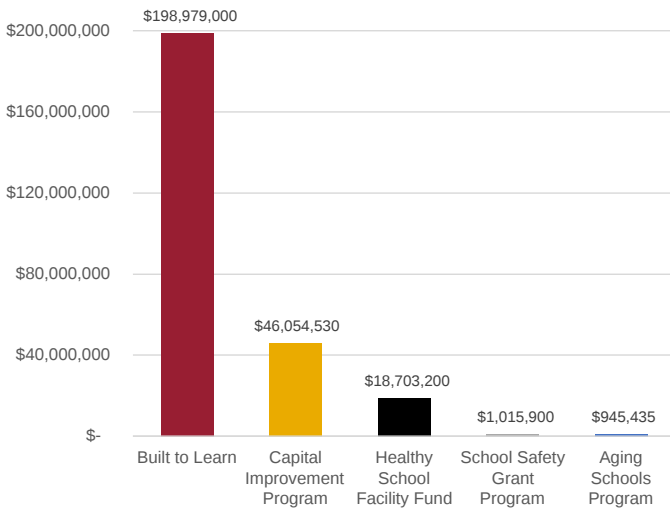


IAC Funding by LEA

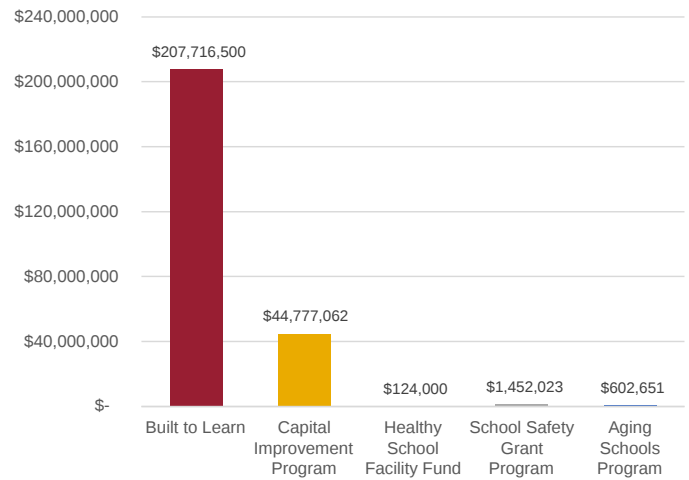
FY 2022 IAC public funding program allocations for each LEA and the Maryland School for the Blind are displayed on the following pages.

LEA graphs are in order of greatest to least total funding allocation, with the y axis adjusted accordingly for each.

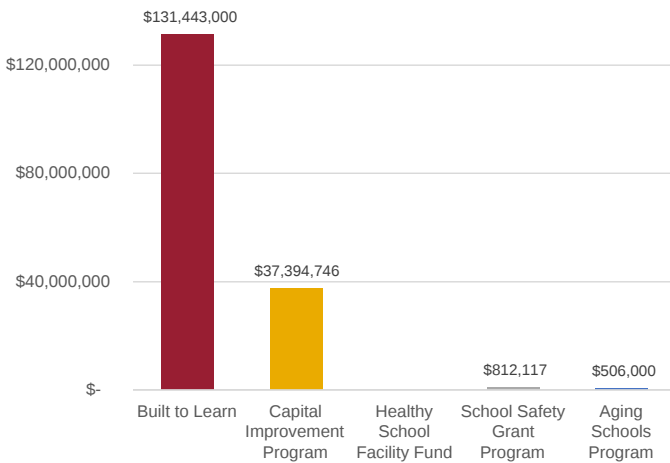
BALTIMORE COUNTY



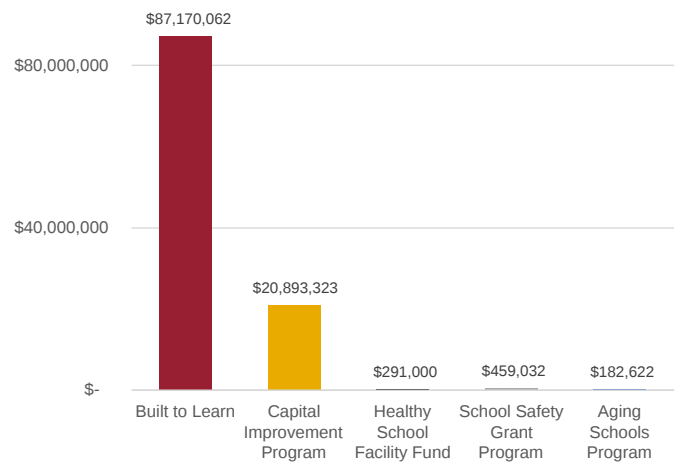
MONTGOMERY COUNTY



ANNE ARUNDEL COUNTY



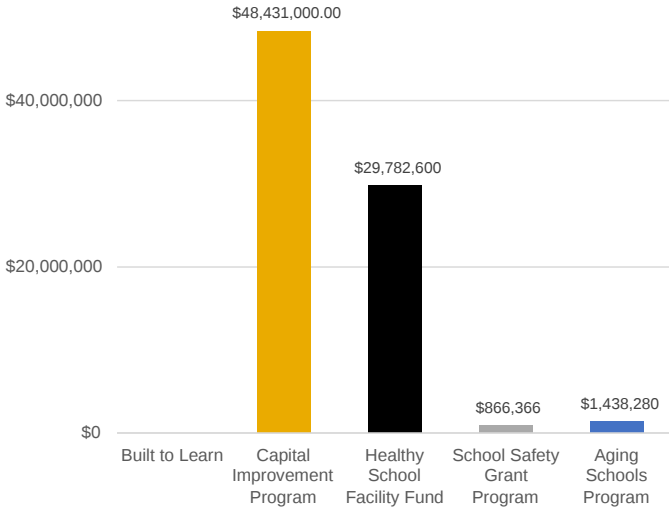
FREDERICK COUNTY



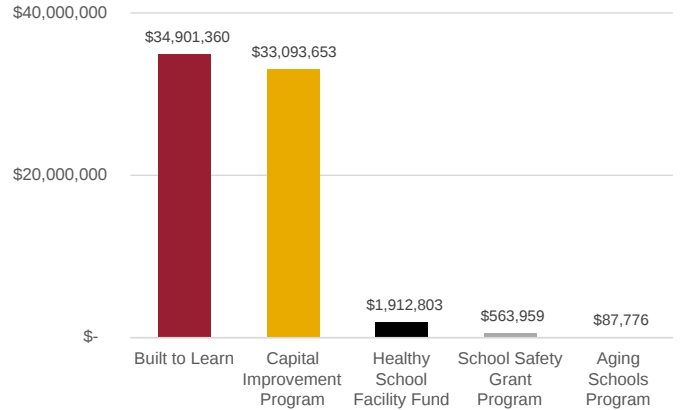
IAC Funding by LEA

LEA graphs are in order of greatest to least total funding allocation, with the y axis adjusted accordingly for each.

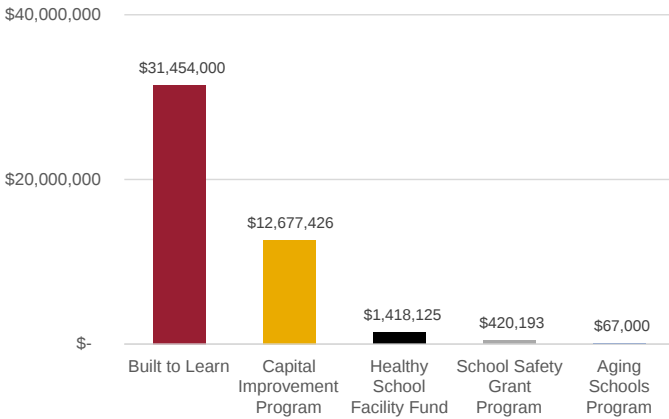
BALTIMORE CITY



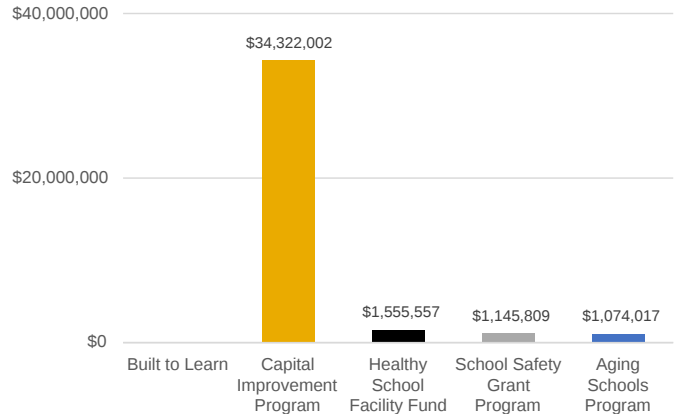
HOWARD COUNTY



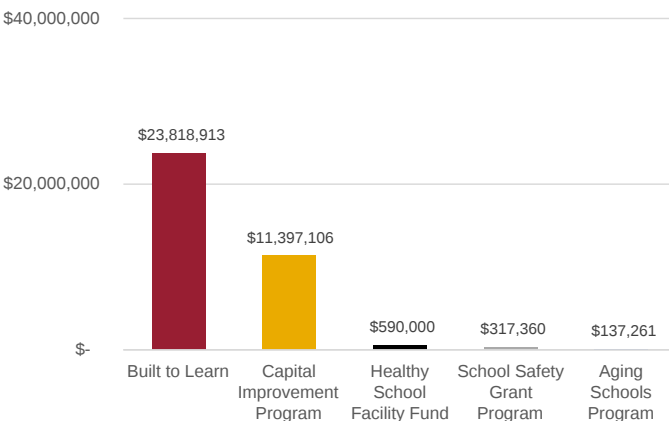
HARFORD COUNTY



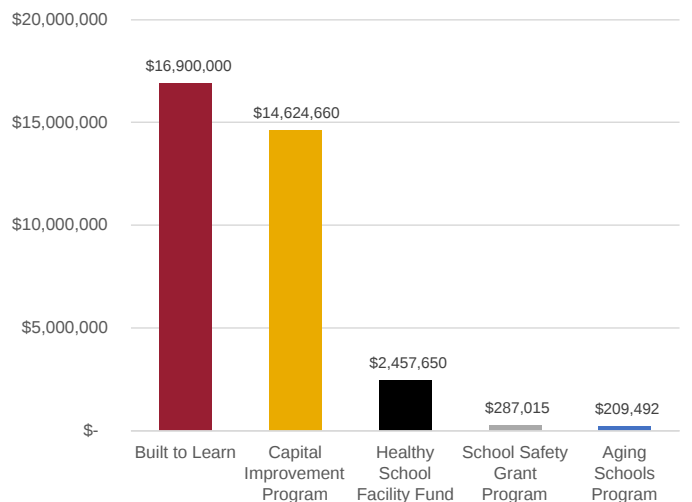
PRINCE GEORGE'S COUNTY



CARROLL COUNTY



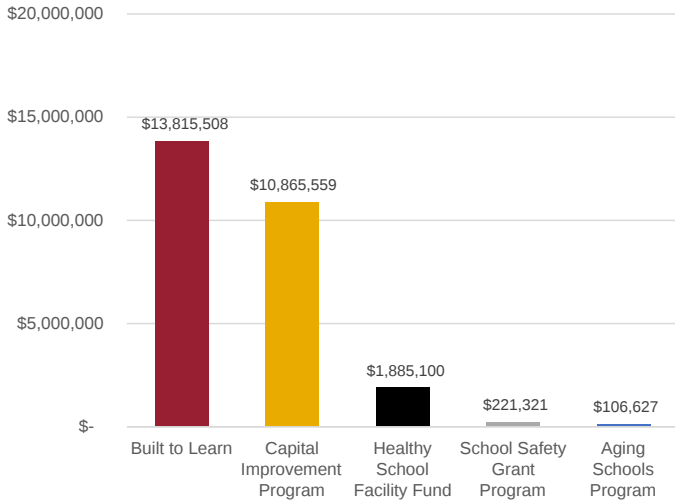
CHARLES COUNTY



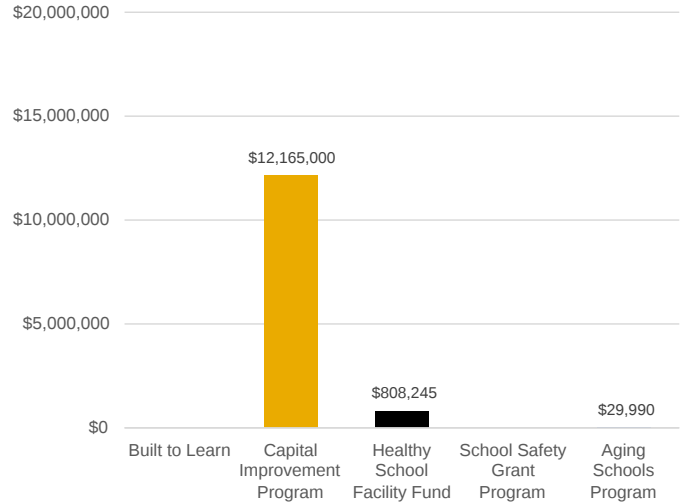
IAC Funding by LEA

LEA graphs are in order of greatest to least total funding allocation, with the y axis adjusted accordingly for each.

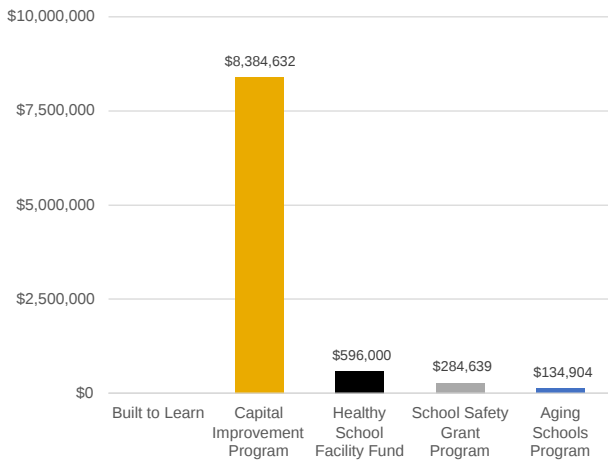
WICOMICO COUNTY



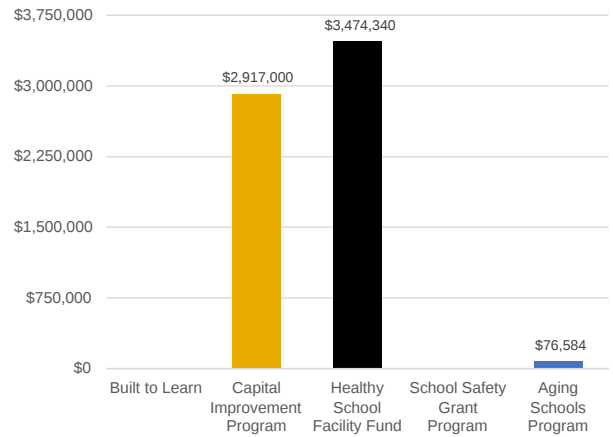
CALVERT COUNTY



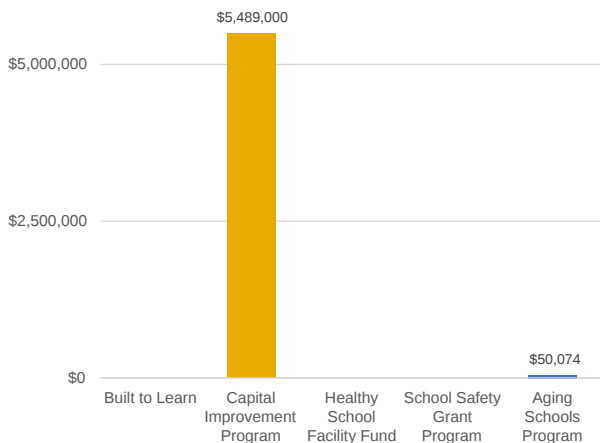
WASHINGTON COUNTY



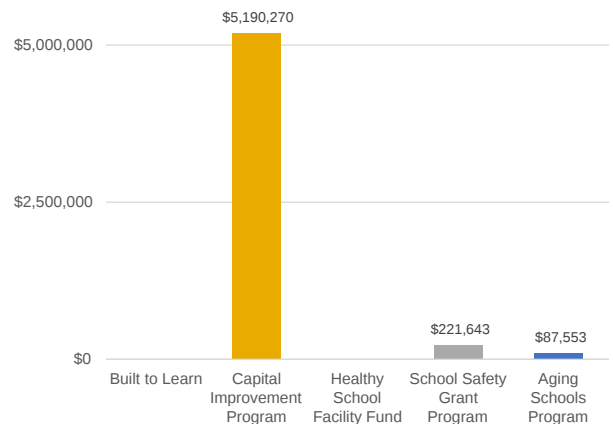
DORCHESTER COUNTY



ST. MARY'S COUNTY



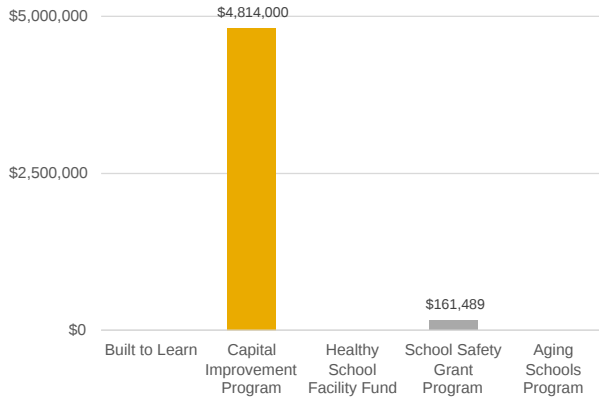
CECIL COUNTY



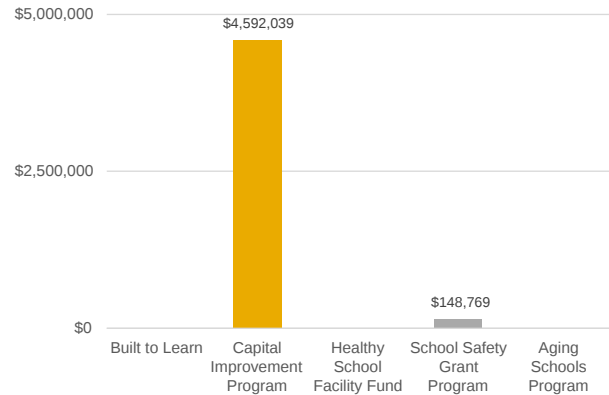
IAC Funding by LEA

LEA graphs are in order of greatest to least total funding allocation, with the y axis adjusted accordingly for each.

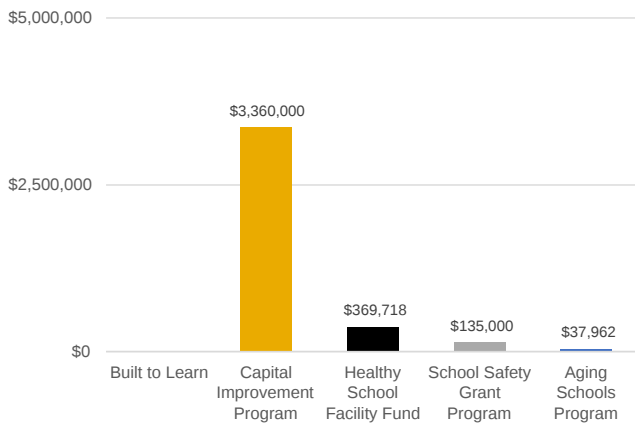
WORCESTER COUNTY



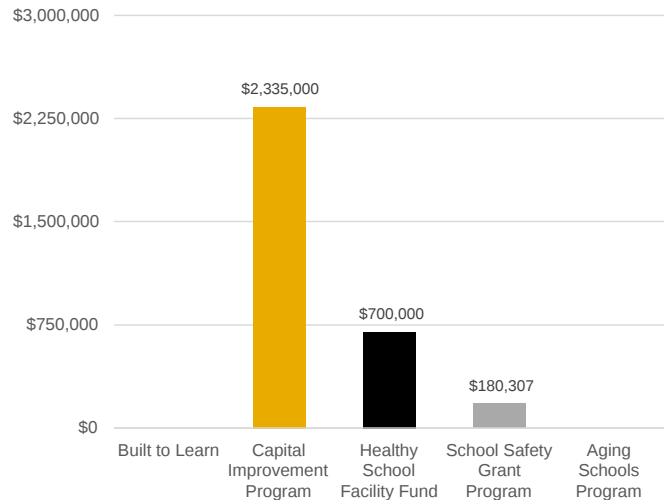
CAROLINE COUNTY



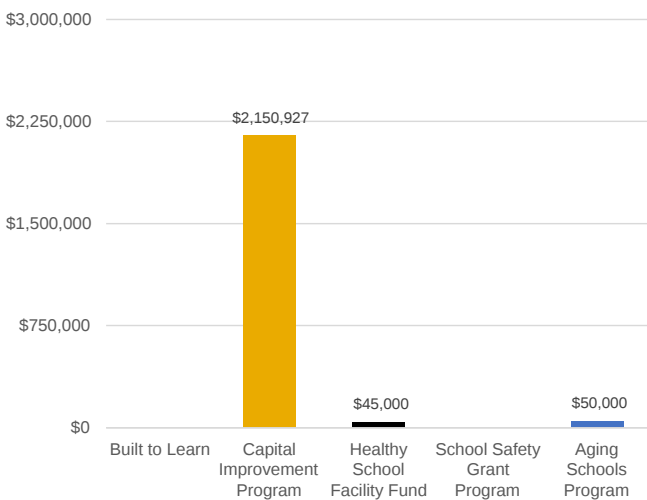
GARRETT COUNTY



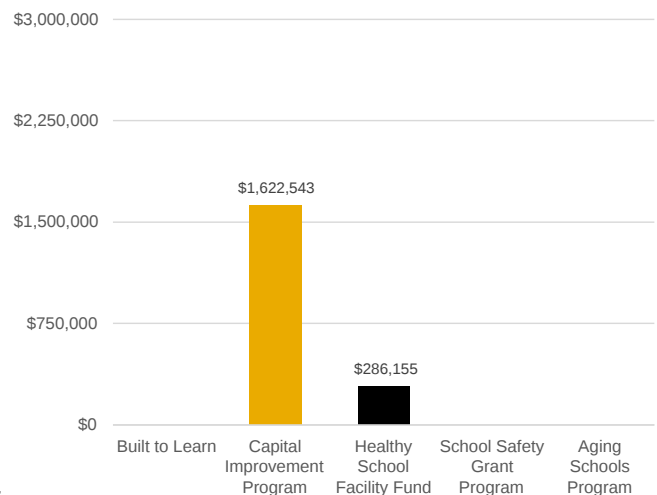
ALLEGANY COUNTY



QUEEN ANNE'S COUNTY



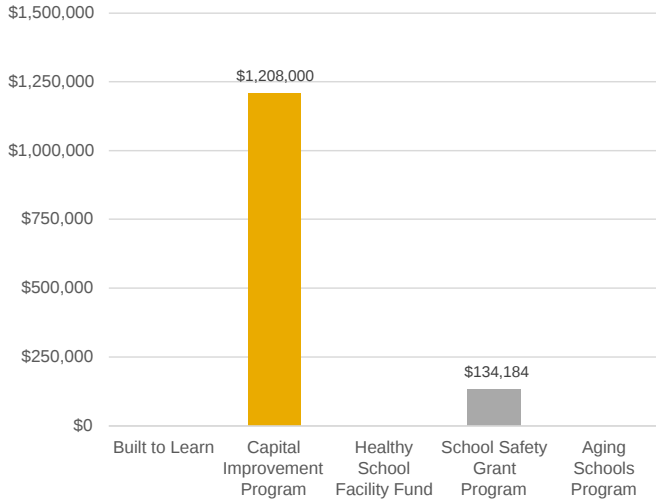
MARYLAND SCHOOL FOR THE BLIND



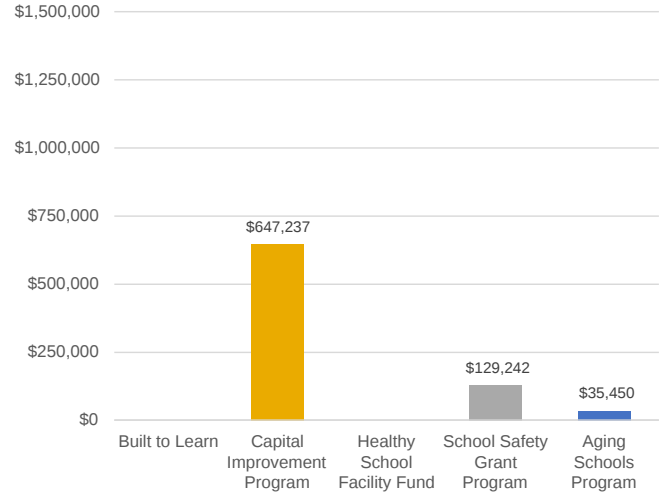
IAC Funding by LEA

LEA graphs are in order of greatest to least total funding allocation, with the y axis adjusted accordingly for each.

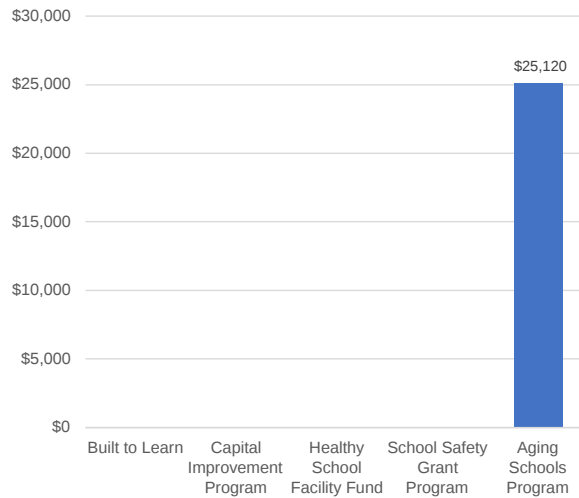
TALBOT COUNTY



SOMERSET COUNTY



KENT COUNTY



Photos: Maryland School for the Blind



Interagency Commission on School Construction Staff

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Cassandra Viscarra, Deputy Director for Administration
Jonathan Borghetti, Policy Analyst
Hannah Sturm, Communications Coordinator

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SaRita Hall, Funding Programs Assistant
Sheron Johnson, Funding Programs Assistant

Finance

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Paul Gainer, Administrator of Programs and Finance
Ashley Hicks, Finance & Operations Assistant

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Brett Stevens, Assistant Director of IT
Robert Goetz, Systems Trainer

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LaQuay Fleming, Field Administrator

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Michael Womack, Lead School Facilities Assessor
Michael Bitz, Facility Assessor
Kyle Connolly, Facility Assessor
Ben Kaplan, School Facilities Assessor
Nate Ledl, Facility Assessor
Brooke Finneran, Maintenance Administrative Officer

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Eileen Gladd, Regional Facility Manager
Gricel Muñoz, Regional Facility Manager
Gene Shanholtz, Regional Facility Manager

Planning

Jamie Bridges, Planning Manager
Graham Twibell, Regional Planner

Partner Agency Staff

Office of School Facilities

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Jillian Storms, Architect Supervisor
Neil Joshi, Architect
Jo Anne Murray, Architect
Myron Mason, Program Officer

Department of Planning

Michael Bayer, Manager of Infrastructure and Development

Department of General Services

Craig Curtis, Chief of Public Schools & Community Colleges Construction Program
Katie Shaffer, Public Schools Construction Administrator



Item 3. Adoption of Final 14.39.02.05 COMAR Revisions

Motion:

To adopt the final COMAR Revisions as published in the July 15, 2022 Maryland Register (Volume 49, Issue 15, Pages 729-750).

Background Information:

The IAC approved the proposed COMAR revisions for publication at their meeting on June 8, 2022.

After publication of the July 15, 2022 Maryland Register, the COMAR revisions were open to public comment for 30 days, ending on August 15, 2022. The IAC did not receive any public comment on this item during that period.

IAC staff recommends the final adoption of proposed actions on regulations, published in the July 15, 2022 Maryland Register.

Next Steps: If approved by the IAC, notice will be published in the Maryland Register that the IAC adopted the proposed regulations as amended. The regulations go into effect 10 days after publication.

Title 14 INDEPENDENT AGENCIES

Subtitle 39 INTERAGENCY COMMISSION ON SCHOOL CONSTRUCTION

14.39.02 Administration of the Public School Construction Program

Authority: Education Article, §§4-126, 5-112, and 5-303; State Finance and Procurement Article, §5-7B-07; Annotated Code of Maryland

Notice of Proposed Action

[22-113-P]

The Interagency Commission on School Construction proposes to adopt amendments to Regulation .05 under **COMAR 14.39.02 Administration of the Public School Construction Program**. This action was considered by the Interagency Commission on School Construction at an open meeting held on June 8, 2022, notice of which was given by publication on the General Assembly website pursuant General Provisions Article, §3-302(c), Annotated Code of Maryland.

Statement of Purpose

The purpose of this action is to codify changes to the State cost share formula in accordance with Ch. 32, Acts of 2022.

Comparison to Federal Standards

There is no corresponding federal standard to this proposed action.

Estimate of Economic Impact

The proposed action has no economic impact.

Economic Impact on Small Businesses

The proposed action has minimal or no economic impact on small businesses.

Impact on Individuals with Disabilities

The proposed action has no impact on individuals with disabilities.

Opportunity for Public Comment

Comments may be sent to Jonathan Borghetti, Policy Analyst, Interagency Commission on School Construction, 200 W. Baltimore Street, Baltimore, MD 21201, or call 410-767-0742, or email to jonathan.borghetti@maryland.gov, or fax to 410-333-6522. Comments will be accepted through August 15, 2022. A public hearing has not been scheduled.

Open Meeting

Final action on the proposal will be considered by the Interagency Commission on School Construction during a virtual public meeting to be held on September 8, 2022, at 9 a.m., the link to which will be available at mdschoolconstruction.org.

.05 State Cost Share Percentage.

A. (text unchanged)

B. Percentages.

(1) (text unchanged)

(2) Reductions in the cost share [that exceed -5 percent shall be phased in over 2 years so that a 1-year reduction in the cost share percentage does not exceed -5 percent] *may not exceed 5 percent.*

(3) *The maximum State share of public school construction funding is 100 percent of eligible costs of approved projects.*

[(3)] (4) (text unchanged)

C. Revisions to Percentages.

(1) (text unchanged)

(2) The IAC shall use the formula in [§C(3)] §D of this regulation to recommend revisions to the State cost share percentage for each county.

D. LEA State Cost Share.

[(3)] The IAC shall add the following amounts to calculate the recommended revised cost share amounts:

[(a)] (1)–[(g)] (7) (text unchanged)

E. *Project Based Add-Ons to State Cost Share. The IAC shall add the following amounts to an LEA's State Cost share of a proposed school construction project as applicable:*

(1) *10 percentage points if the proposed school construction project, when the LEA submits the project for approval to the IAC, is at a school with a concentration of poverty level, as defined in Education Article, §5-223, Annotated Code of Maryland, of 80 percent or greater;*

(2) *5 percentage points if the proposed school construction project, when the LEA submits the project for approval to the IAC, is at a school with a concentration of poverty level, as defined in Education Article, §5-223, Annotated Code of Maryland, of less than 80 percent but greater than 55 percent;*

(3) *5 percentage points if the proposed school construction project is at a school that, in the most recent school maintenance effectiveness assessment by the IAC, received an assessment rating of:*

(a) *Good;*

(b) *Superior; or*

(c) *Adequate and the school's most recent school facility assessment average percentage of expected useful lifespan is at least 120 percent; and*

(4) *5 percentage points if the proposed school construction project is a net-zero school.*

ALEX DONAHUE
Acting Executive Director

Item 4. FY 2023 Healthy School Facility Fund Approval of Project Applications

Motion:

To approve Fiscal Year 2023 Healthy School Facility Fund (HSFF) project allocations totaling \$45 million.

Background Information:

Funding through the HSFF program is distributed to projects that improve the environmental health of Maryland's public school facilities and are based on the prioritization of project categories as outlined in the Administrative Procedures Guide. To address this need, staff recommend approval of project allocations totaling \$45 million.

The HSFF Program funding sources include:

- 1) \$50 million in new authorization.
- 2) \$40 million through the FY 2023 American Rescue Plan Act which stipulates that funding be used to address Heating, Ventilation and Air Conditioning projects. Funding distributed through ARPA requires that federal reporting and contract cost thresholds are met.

In accordance with Education Article § 5-322(a)(1)(iii) and (k)(4), Baltimore City Public Schools (BCPS) is mandated to receive at least 50% of the HSFF appropriation which equates to \$45 million for FY 2023. Based on the BCPS application schedule, which is a separate schedule from the other LEAs, staff anticipates that all remaining project submissions will be received by November 30, 2022.

Due to the lack of supporting documentation from the LEA or a project not meeting the 5 ppb threshold, lead remediation projects are being recommended for deferral at this time.

The table on the following page illustrates the number of requests and funding recommendations by project category. Project categories are listed in priority order.

FY 2023 Healthy School Facility Fund Staff Recommendations Summary

Project Categories	# of Projects Requested	Total Estimated Cost	Design Costs Requested	FY23 State Funding Requested	Design Costs Approved	FY 23 HSFF State Funding Recommendations	FY 23 HSFF Federal Funding Recommendations	# Projects Approved
Immediate life, safety, or health environmental risk	2	\$45,584	\$0	\$45,584	\$0	\$45,584	\$0	2
Lead	10	\$39,211	\$0	\$35,297	\$0	\$0	\$0	0
Roof	24	\$68,022,212	\$4,115,445	\$47,890,261	\$2,030,645	\$24,922,801	\$0	11
Lack of, unreliable, or insufficient air-conditioning	33	\$47,195,608	\$3,377,958	\$33,773,122	\$1,712,759	\$31,615	\$20,000,000	12
Unreliable or insufficient heating	9	\$6,108,801	\$387,334	\$4,406,454	\$0	\$0	\$0	0
Temperature regulation	6	\$6,171,500	\$278,000	\$4,276,540	\$0	\$0	\$0	0
Plumbing, including pipe insulation	7	\$546,775	\$40,000	\$335,272	\$0	\$0	\$0	0
Indoor air quality	7	\$1,000,000	\$56,000	\$616,000	\$0	\$0	\$0	0
Windows	12	\$5,564,516	\$350,415	\$3,280,730	\$0	\$0	\$0	0
Grand Total	110	\$134,694,208	\$8,605,152	\$94,659,260	\$3,743,404	\$25,000,000	\$20,000,000	25

Interagency Commission on School Construction FY 23 Healthy School Facility Fund Staff Recommendations September 8, 2022

County	PSC No.	School Name	Project Type	Detailed Scope	State HSFF \$ Requested	Eligible Design Expense	FY23 HSFF Total New Authorization (Including Design) Staff Recommendations	FY 23 HSFF Total Federal Funding (Including Design) Staff Recommendations
Anne Arundel	02.010	Four Seasons Elementary	Roof	Replacement of existing BUR roof with a BUR roof.	\$1,225,000	\$0	\$0	\$0
Anne Arundel	02.091	Jacobsville Elementary	Roof	Replacement of existing roof with a BUR roof.	\$1,225,000	\$0	\$0	\$0
Anne Arundel	02.118	North Glen Elementary	Roof	Replacement of existing roof with a BUR roof.	\$1,225,000	\$0	\$0	\$0
Anne Arundel	02.120	Woodside Elementary	Roof	Replacement of existing roof with a BUR roof.	\$1,225,000	\$110,000	\$1,210,000	\$0
Anne Arundel	02.020	Glen Burnie High	Lack of, unreliable, or insufficient air-conditioning	Replace existing steam boiler and lines with natural gas condensing boiler and new pipe network.	\$2,342,500	\$0	\$0	\$0
Anne Arundel	02.089	Severna Park Middle	Lack of, unreliable, or insufficient air-conditioning	Replace existing Controls System with Tridium BacNet field controllers	\$233,600	\$0	\$0	\$0
Anne Arundel	02.088	Hilltop Elementary	Unreliable or insufficient heating	Replacement of primary boiler and backup boiler.	\$250,635	\$0	\$0	\$0
Anne Arundel	02.004	Van Bokkelen Elementary	Windows	Create openings in existing masonry walls for operable windows to be added.	\$475,000	\$0	\$0	\$0
Anne Arundel	02.008	Linthicum Elementary	Windows	Create openings in existing masonry walls for operable windows to be added.	\$416,050	\$0	\$0	\$0

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Interagency Commission on School Construction FY 23 Healthy School Facility Fund Staff Recommendations September 8, 2022

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Anne Arundel	02.088	Hilltop Elementary	Windows	Create openings in existing masonry walls for operable windows to be added.	\$349,164	\$0	\$0	\$0
Anne Arundel	02.104	Meade Middle	Windows	Replace leaking windows that are allowing humid air and water to enter the building.	\$337,807	\$0	\$0	\$0
Anne Arundel County Totals					\$9,304,756	\$110,000	\$1,210,000	\$0
Baltimore	03.006	Cockeysville Middle	Lack of, unreliable, or insufficient air-conditioning	Chiller replacement to ensure proper indoor air quality; providing continued air conditioning (and dehumidification to incoming ventilation outside air) to allow a healthy environment.	\$1,058,470	\$0	\$0	\$0
Baltimore	03.021	Maiden Choice	Lack of, unreliable, or insufficient air-conditioning	Chiller replacement to ensure proper indoor air quality; providing continued air conditioning (and dehumidification to incoming ventilation outside air) to allow a healthy environment.	\$640,745	\$0	\$0	\$0
Baltimore	03.032	Randallstown High	Lack of, unreliable, or insufficient air-conditioning	Water cooled chiller and cooling tower to ensure proper indoor air quality; providing continued air conditioning (and dehumidification to incoming ventilation outside air) to allow a healthy environment.	\$1,392,325	\$126,575	\$0	\$1,392,325
Baltimore	03.041	Dundalk Middle	Lack of, unreliable, or insufficient air-conditioning	Chiller replacement to ensure proper indoor air quality; providing continued air conditioning (and dehumidification to incoming ventilation outside air) to allow a healthy environment.	\$1,281,000	\$117,425	\$0	\$1,291,675
Baltimore	03.050	Woodlawn High	Lack of, unreliable, or insufficient air-conditioning	Chiller replacement to ensure proper indoor air quality; providing continued air conditioning (and dehumidification to incoming ventilation outside air) to allow a healthy environment.	\$557,300	\$51,850	\$0	\$570,350

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Baltimore	03.070	Owings Mills High	Lack of, unreliable, or insufficient air-conditioning	Equipment replacement for critical building equipment which affects both the heating and cooling plants. Any failure of these units will result in a building shutdown. With extensive lead times it is critical to schedule replacement of this equipment.	\$1,392,750	\$126,575	\$31,615	\$907,192
Baltimore	03.084	Lansdowne Middle	Lack of, unreliable, or insufficient air-conditioning	Chiller replacement to ensure proper indoor air quality; providing continued air conditioning (and dehumidification to incoming ventilation outside air) to allow a healthy environment.	\$891,080	\$0	\$0	\$0
Baltimore	03.120	Franklin High	Lack of, unreliable, or insufficient air-conditioning	Chiller replacement to ensure proper indoor air quality; providing continued air conditioning (and dehumidification to incoming ventilation outside air) to allow a healthy environment.	\$501,670	\$0	\$0	\$0
Baltimore	03.121	Parkville High	Lack of, unreliable, or insufficient air-conditioning	Chiller replacement to ensure proper indoor air quality; providing continued air conditioning (and dehumidification to incoming ventilation outside air) to allow a healthy environment.	\$1,281,000	\$0	\$0	\$0
Baltimore	03.166	Cedarmere Elementary	Lack of, unreliable, or insufficient air-conditioning	Chiller replacement to ensure proper indoor air quality; providing continued air conditioning (and dehumidification to incoming ventilation outside air) to allow a healthy environment. The cell above lists the age of the chiller, the cooling tower is 2001.	\$891,180	\$0	\$0	\$0
Baltimore	03.181	Winand Elementary	Lack of, unreliable, or insufficient air-conditioning	Chiller replacement to ensure proper indoor air quality; providing air conditioning (and dehumidification to incoming ventilation air) to allow a healthy environment.	\$668,560	\$0	\$0	\$0

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Baltimore	03.196	New Town High	Lack of, unreliable, or insufficient air-conditioning	The chiller/cooling tower replacement to ensure proper indoor air quality; providing continued air conditioning (and dehumidification to incoming ventilation outside air) to allow a healthy environment.	\$1,253,175	\$0	\$0	\$0
Baltimore	03.117	Sparks Elementary	Unreliable or insufficient heating	This boiler replacement is needed to take care of an important critical mechanical component. This is necessary as a planned replacement, as our inventory of aging boilers is very large.	\$529,085	\$0	\$0	\$0
Baltimore	03.126	Sudbrook Magnet	Unreliable or insufficient heating	Boiler replacement needed to ensure proper temperature control of the school building to prevent school shutdowns.	\$697,875	\$0	\$0	\$0
Baltimore	03.075	Eastern Technical High	Temperature regulation	Chiller (2001) replacement will ensure proper indoor air quality; providing continued air conditioning (and dehumidification to incoming ventilation outside air) to allow a healthy environment. The boiler (2000) replacements will provide heating water to the entire school. The project is listed as a temperature regulation type of project as there was no way to indicate both insufficient and unreliable heating and cooling.	\$2,506,350	\$0	\$0	\$0
Baltimore County Totals					\$15,542,565	\$422,425	\$31,615	\$4,161,542
Calvert	04.005	Northern High - Mary Harrison Cultural Arts Center	Roof	The scope of work will include removal and replacement of the existing 33,000 SF roof with a minimum R-value (30) Cold Applied SBS modified roofing system. All internal drains, coping, and fascia systems will be replaced and all rooftop equipment height will be modified to accommodate required flashing heights.	\$924,000	\$84,000	\$924,000	\$0
Calvert County Totals					\$924,000	\$84,000	\$924,000	\$0

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Carroll	06.028	North Carroll Middle	Roof	Replacement of 94,319 square feet of roofing, associated tapered insulation system, and roof drains and flashings. The 68,049 square feet of shingle roofing is to be replaced with standing seam metal roofing. The remaining 26,270 square feet of low slope roof will be replaced with a built-up roof.	\$1,901,620	\$121,000	\$1,901,620	\$0
Carroll	06.043	Oklahoma Road Middle	Lack of, unreliable, or insufficient air-conditioning	This project involves the replacement of the existing rooftop air handling units and terminal control units. The project will also include replacement of both the heating and cooling plants and associated piping and pumps located in the mechanical room.	\$5,469,000	\$497,134	\$0	\$5,468,000
Carroll County Totals					\$7,370,620	\$618,134	\$1,901,620	\$5,468,000
Cecil	07.042	Cecil County School of Technology	Lack of, unreliable, or insufficient air-conditioning	Install 2 new air cooled chillers to replace existing failing system.	\$1,122,000	\$0	\$0	\$1,068,259
Cecil	07.022	Rising Sun High	Unreliable or insufficient heating	Design and replace existing deteriorating boiler stacks	\$71,940	\$0	\$0	\$0
Cecil	07.042	Cecil County School of Technology	Temperature regulation	Replace a failing AHU-1	\$5,610	\$0	\$0	\$0
Cecil	07.042	Cecil County School of Technology	Unreliable or insufficient heating	Replace 2 existing failing Reznor heating units with new system equipment	\$132,000	\$0	\$0	\$0
Cecil	07.011	Thomson Estates Elementary	Temperature regulation	Install a new refrigerant monitoring system in the chiller plant located in the basement of the school.	\$4,620	\$0	\$0	\$0

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Cecil	07.031	Cecilton Elementary	Temperature regulation	Install a new refrigerant monitoring system in the chiller plant located in the basement of the school.	\$3,960	\$0	\$0	\$0
Cecil	07.019	Conowingo Elementary	Plumbing, including pipe insulation	Relocate heated hot water control valve	\$3,300	\$0	\$0	\$0
Cecil	07.022	Rising Sun High	Plumbing, including pipe insulation	Design and Replace existing water lines thorough entire school	\$69,300	\$0	\$0	\$0
Cecil	07.032	Elkton High	Plumbing, including pipe insulation	Design and replace existing heated hot water piping loop	\$82,500	\$0	\$0	\$0
Cecil	07.033	Providence Special	Plumbing, including pipe insulation	Replace the existing failing life safety fire pump system	\$9,900	\$0	\$0	\$0
Cecil	07.034	Bainbridge Elementary	Plumbing, including pipe insulation	The current leach fields are failing do to excess build up and have backed up into school time and time again. The laterals need to adjusted, cleaned properly and potentially replaced.	\$7,772	\$0	\$0	\$0
Cecil County Totals					\$1,512,902	\$0	\$0	\$1,068,259
Charles	08.005	General Smallwood Middle - Roof / AC	Roof	With this project we wish to improve the building envelope to improve efficiency of HVAC system	\$2,674,000	\$243,100	\$2,674,000	\$0
Charles	08.032	Mary H. Matula Elementary	Roof	Full roof replacement to increase insulation value and to allow the HVAC system to be more efficient	\$2,002,500	\$150,000	\$2,002,500	\$0
Charles	08.015	Piccowaxen Middle	Temperature regulation	Systemic renovation/Boiler and pump system replacement. Original from 1977. System will have outlived their expected usefulness.	\$650,000	\$0	\$0	\$0
Charles County Totals					\$5,326,500	\$393,100	\$4,676,500	\$0

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Garrett	11.002	Friendsville Elementary	Lead	To remediate the lead levels above 5 ppb in faucets and drinking water outlets. Replacement of drinking fountains with elevated lead levels above 5 ppb providing new fountains with water bottle drinking stations.	\$3,319	\$0	\$0	\$0
Garrett	11.005	Southern Garrett High	Lead	To remediate the lead levels above 5 ppb in faucets and drinking water outlets. Replacement of drinking fountains with elevated lead levels above 5 ppb providing new fountains with water bottle drinking stations.	\$2,133	\$0	\$0	\$0
Garrett	11.006	Broadford Elementary	Lead	To remediate the lead levels above 5 ppb in faucets and drinking water outlets. Replacement of drinking fountains with elevated lead levels above 5 ppb providing new fountains with water bottle drinking stations.	\$3,958	\$0	\$0	\$0
Garrett	11.008	Southern Garrett Middle	Lead	To remediate the lead levels above 5 ppb in faucets and drinking water outlets. Replacement of drinking fountains with elevated lead levels above 5 ppb providing new fountains with water bottle drinking stations.	\$5,114	\$0	\$0	\$0
Garrett	11.009	Northern Middle	Lead	To remediate the lead levels above 5 ppb in faucets and drinking water outlets. Replacement of drinking fountains with elevated lead levels above 5 ppb providing new fountains with water bottle drinking stations.	\$4,981	\$0	\$0	\$0

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Garrett	11.013	Accident Elementary	Lead	To remediate the lead levels above 5 ppb in faucets and drinking water outlets. Replacement of drinking fountains with elevated lead levels above 5 ppb providing new fountains with water bottle drinking stations.	\$5,832	\$0	\$0	\$0
Garrett	11.014	Northern Garrett High	Lead	To remediate the lead levels above 5 ppb in faucets and drinking water outlets. Replacement of drinking fountains with elevated lead levels above 5 ppb providing new fountains with water bottle drinking stations.	\$4,981	\$0	\$0	\$0
Garrett	11.015	Yough Glades Elementary	Lead	To remediate the lead levels above 5 ppb in faucets and drinking water outlets. Replacement of drinking fountains with elevated lead levels above 5 ppb providing new fountains with water bottle drinking stations.	\$1,827	\$0	\$0	\$0
Garrett	11.016	Swan Meadow School	Lead	To remediate the lead levels above 5 ppb in faucets and drinking water outlets. Replacement of drinking fountains with elevated lead levels above 5 ppb providing new fountains with water bottle drinking stations.	\$1,877	\$0	\$0	\$0
Garrett	11.019	Hickory Environmental Center	Lead	To remediate the lead levels above 5 ppb in faucets and drinking water outlets. Replacement of drinking fountains with elevated lead levels above 5 ppb providing new fountains with water bottle drinking stations.	\$1,275	\$0	\$0	\$0

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Garrett	11.006	Broadford Elementary - Cancelled	Roof	Removal of existing 55,000 sq.ft. built up roof and flood coat system. Replacement with new 55,000 sq.ft. built up roof system and insulation. Removal of any non used roof penetrations. Replacement of all exhaust fans and relief dampers. Install new metal siding on existing penthouses.	\$0	\$0	\$0	\$0
Garrett	11.005	Southern Garrett High	Lack of, unreliable, or insufficient air-conditioning	Removal of existing RTU's,H&V's, Uni-Ventilators. Replacement of existing HVAC equipment to provide HVAC and dehumidification for approximately 50 classrooms, various shops, Cafeteria, Locker rooms and Auxiliary Gymnasium. Removal of existing domestic water heater storage tank, replace with appropriate sized tanks and additional water heaters for redundancy. Removal of existing pneumatic controls and air compressor. Replacement of existing pneumatic controls with DDC controls and incorporate into a new BAS system.	\$8,395,199	\$763,200	\$0	\$8,395,199
Garrett County Totals					\$8,430,496	\$763,200	\$0	\$8,395,199
Harford	12.036	Hall's Cross Roads Elementary School	Lack of, unreliable, or insufficient air-conditioning	The funds will be used at Hall's Cross Road Elementary School to replace the twenty- nine (29) year old failing water-cooled chiller with a new energy efficient air-cooled chiller. The project will replace the existing 150-ton water cooled chiller, cooling tower, related pumps and piping accessories and upgrading the automatic controls.	\$641,100	\$30,000	\$0	\$641,100
Harford County Totals					\$641,100	\$30,000	\$0	\$641,100
Howard	130.034	Clemens Crossing Elementary School -	Roof	Remove and dispose of the existing roof systems, down to the structural roof deck.	\$0	\$0	\$0	\$0

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Howard	13.012	Howard High	Indoor air quality, including remediation of indoor pollutants	Replace the existing heating, ventilating, and air-conditioning (HVAC) units serving Relocatable Classrooms #178.1, #178.2, #178.3, #178.4, #178.5, #178.6, #178.7, #178.8, #178.9, #205, and #206 with HVAC units that have dehumidification capabilities.	\$169,400	\$0	\$0	\$0
Howard	13.014	Jeffers Hill Elementary	Indoor air quality, including remediation of indoor pollutants	Replace the existing heating, ventilating, and air-conditioning (HVAC) units serving Relocatable Classrooms #202 and #248 with HVAC units that have dehumidification capabilities.	\$30,800	\$0	\$0	\$0
Howard	13.026	Ellicott Mills Middle	Indoor air quality, including remediation of indoor pollutants	Replace the existing heating, ventilating, and air-conditioning (HVAC) units serving Relocatable Classrooms #186, #209, #221, #222, and #223 with HVAC units that have dehumidification capabilities.	\$77,000	\$0	\$0	\$0
Howard	13.028	St. Johns Lane Elementary School	Indoor air quality, including remediation of indoor pollutants	Replace the existing heating, ventilating, and air-conditioning (HVAC) units serving Relocatable Classrooms #207, #214, #252, and #253 with HVAC units that have dehumidification capabilities.	\$61,600	\$0	\$0	\$0
Howard	13.036	Centennial High	Indoor air quality, including remediation of indoor pollutants	Replace the existing heating, ventilating, and air-conditioning (HVAC) units serving Relocatable Classrooms #140, #194, #195, #196, #218, #219, #227, #228, and #229 with HVAC units that have dehumidification capabilities.	\$138,600	\$0	\$0	\$0
Howard	13.039	Bollman Bridge Elementary	Indoor air quality, including remediation of indoor pollutants	Replace the existing heating, ventilating, and air-conditioning (HVAC) units serving Relocatable Classrooms #182, #216.1, #216.2, #216.3, #216.4, and #216.5 with HVAC units that have dehumidification capabilities.	\$92,400	\$0	\$0	\$0

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Howard	13.075	Thunder Hill Elementary	Indoor air quality, including remediation of indoor pollutants	Replace the existing heating, ventilating, and air-conditioning (HVAC) units serving Relocatable Classrooms #203, #211, and #213 with HVAC units that have dehumidification capabilities.	\$46,200	\$0	\$0	\$0
Howard County Totals					\$616,000	\$0	\$0	\$0
Montgomery	15.020	Fields Road Elementary	Windows	Replacement of single pane wire glass windows with rusted/corroded hollow steel metal frame, with hollow metal frames and double “low-e”, minimum 1” insulated glass the glass unit shall meet a minimum energy rating of R-5 in “Thermally Broken Systems”.	\$37,500	\$0	\$0	\$0
Montgomery	15.171	Montgomery Blair High	Windows	Phase 2 Replacement of Windows with broken gasket/seals and are fogged up.	\$234,982	\$0	\$0	\$0
Montgomery	15.182	John T. Baker Middle	Windows	Replacement of leaky single pane windows that are 51 year old., that are difficult to close and open.	\$24,500	\$0	\$0	\$0
Montgomery	15.219	Rolling Terrace Elementary	Windows	Replacement of fogged up windows, so there will be a clear view to outdoor lighting and stop the moisture billed up between glass.	\$6,924	\$0	\$0	\$0
Montgomery	15.221	Laytonsville Elementary	Windows	New windows will increase R-Value, and provide a clearer view when looking out of the windows.	\$90,000	\$0	\$0	\$0
Montgomery	15.238	Redland Middle	Windows	Replacement of original single pane windows that were installed in 1971. Windows have been repaired, caulked and resealed multiple times, but continue to leak. New windows will be thermally broken with insulated low-e glass.	\$282,788	\$0	\$0	\$0

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Montgomery	15.031	Albert Einstein High	Plumbing, including pipe insulation	Remove and replace approximately 320 linear feet of pipe insulation. Existing insulation has deteriorated to a point where condensation has begun to form and drip on ceiling tiles below.	\$12,500	\$0	\$0	\$0
Montgomery	15.172	John F. Kennedy High	Plumbing, including pipe insulation	Remove and replace approximately 5700 linear feet of pipe insulation. Existing insulation has deteriorated to a point where condensation has begun to form and drip on ceiling tiles below.	\$150,000	\$0	\$0	\$0
Montgomery County Totals					\$839,194	\$0	\$0	\$0
Prince George's	16.049	Lewisdale Elementary	Roof	Detailed scope is attached as PDF.	\$2,015,850	\$163,607	\$2,015,850	\$0
Prince George's	16.050	Phyllis E. Williams Elementary	Roof	Detailed scope is attached as PDF.	\$2,306,241	\$0	\$0	\$0
Prince George's	16.052	Woodridge Elementary	Roof	Detailed scope is attached as PDF.	\$1,947,186	\$0	\$0	\$0
Prince George's	16.120	Forest Heights Elementary	Roof	Detailed scope is attached as PDF.	\$1,607,136	\$0	\$0	\$0
Prince George's	16.128	John Hanson Montessori	Roof	Detailed scope is attached as PDF.	\$3,111,167	\$252,504	\$3,111,167	\$0
Prince George's	16.147	Columbia Park Elementary	Roof	Detailed scope is attached as PDF.	\$1,825,715	\$148,176	\$1,825,715	\$0

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Prince George's	16.153	Carole Highlands Elementary	Roof	Detailed scope is attached as PDF.	\$1,826,268	\$0	\$0	\$0
Prince George's	16.161	William Paca Elementary	Roof	Detailed scope is attached as PDF.	\$2,379,949	\$193,158	\$2,379,949	\$0
Prince George's	16.162	Oxon Hill Middle	Roof	Detailed scope is attached as PDF.	\$1,991,391	\$0	\$0	\$0
Prince George's	16.176	Princeton Elememntary	Roof	Detailed scope is attached as PDF.	\$1,528,237	\$0	\$0	\$0
Prince George's	16.030	Deerfield Run Elementary	Lack of, unreliable, or insufficient air-conditioning	Detailed scope is attached as PDF.	\$205,945	\$0	\$0	\$0
Prince George's	16.034	Howard B. Owens Science Center	Lack of, unreliable, or insufficient air-conditioning	Detailed scope is attached as PDF.	\$199,271	\$0	\$0	\$0
Prince George's	16.042	James E. Duckworth Regional School	Lack of, unreliable, or insufficient air-conditioning	Detailed scope is attached as PDF.	\$272,677	\$0	\$0	\$0
Prince George's	16.056	Capitol Heights Elementary	Lack of, unreliable, or insufficient air-conditioning	Detailed scope is attached as PDF.	\$189,261	\$0	\$0	\$0
Prince George's	16.144	Catherine T. Reed Elementary	Lack of, unreliable, or insufficient air-conditioning	Detailed scope is attached as PDF.	\$274,346	\$0	\$0	\$0

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Prince George's	16.155	Templeton Elementary	Lack of, unreliable, or insufficient air-conditioning	Detailed scope is attached as PDF.	\$272,677	\$0	\$0	\$0
Prince George's	16.188	Kettering Elementary	Lack of, unreliable, or insufficient air-conditioning	Detailed scope is attached as PDF.	\$299,370	\$0	\$0	\$0
Prince George's	16.191	Samuel P. Massie Academy	Lack of, unreliable, or insufficient air-conditioning	Detailed scope is attached as PDF.	\$633,034	\$0	\$0	\$0
Prince George's	16.192	Highland Park Elementary	Lack of, unreliable, or insufficient air-conditioning	Detailed scope is attached as PDF.	\$199,271	\$0	\$0	\$0
Prince George's	16.226	William W. Hall Academy	Lack of, unreliable, or insufficient air-conditioning	Detailed scope is attached as PDF.	\$887,916	\$0	\$0	\$0
Prince George's	16.025	Bradbury Heights Elementary - Cancelled	Unreliable or insufficient heating	Detailed scope is attached as PDF.	\$0	\$0	\$0	\$0
Prince George's	16.072	Northwestern High	Unreliable or insufficient heating	Detailed scope is attached as PDF.	\$2,103,934	\$0	\$0	\$0
Prince George's	16.167	Cesar Chavez Elementary	Unreliable or insufficient heating	Detailed scope is attached as PDF.	\$620,985	\$0	\$0	\$0
Prince George's	16.176	Princeton Elementary - Cancelled	Unreliable or insufficient heating	Detailed scope is attached as PDF.	\$0	\$0	\$0	\$0

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Prince George's	16.074	Arrowhead Elementary	Windows	Detailed scope is attached as PDF.	\$377,225	\$0	\$0	\$0
Prince George's	16.162	Oxon Hill MS	Windows	Detailed scope is attached as PDF.	\$648,790	\$0	\$0	\$0
Prince George's County Totals					\$27,723,843	\$757,445	\$9,332,681	\$0
Queen Anne's	17.023	Kent Island High	Roof	Replace the 24-year-old roof. Use metal roofing as an alternative material to the existing shingled roof sections. Roof is approximately 150,000 sf.	\$4,335,000	\$0	\$0	\$0
Queen Anne's County Totals					\$4,335,000	\$0	\$0	\$0
Somerset	19.007	Deal Island Elementary	Immediate Life, Safety, or Health Environmental Risk	Replace gymnasium vct tile. Tile is crumbling and loose presenting asbestos bearing mastic. Abate asbestos bearing material by removal. Replace vct with a lvt flooring. Floor area will be certified asbestos free prior to tile installation.	\$9,175	\$0	\$9,175	\$0
Somerset	19.010	Princess Anne Elementary	Immediate Life, Safety, or Health Environmental Risk	Demo existing floor in 4 classrooms and shared hallway. This will remove damaged and mold laden building materials. Existing floor is collapsing in some spots. Remove all flooring and all damaged subfloor. Install new subfloor and moisture barrier. Install lvp flooring.	\$36,409	\$0	\$36,409	\$0
Somerset County Totals					\$45,584	\$0	\$45,584	\$0
St. Mary's	18.020	Great Mills High	Roof - Phase 2	Replace 128,000 s.f. of roofing on Sections A - V on the attached drawing, per the roof study completed in December 2020 to include tectum. flat wood, flat and low sloped steel deck and barrel vault roof sections. All sheet metal flashing will be replaced, as well as new cast iron roof drains.	\$3,736,000	\$0	\$0	\$0

1) Project submissions are ordered by category prioritization;

2) The lead projects either did not meet the 5 ppb threshold or documentation was not submitted therefore they are not eligible for State funding.

Interagency Commission on School Construction FY 23 Healthy School Facility Fund Staff Recommendations September 8, 2022

County	PSC No.	School Name	Project Type	Detailed Scope	State HSFF \$ Requested	Eligible Design Expense	FY23 HSFF Total New Authorization (Including Design) Staff Recommendations	FY 23 HSFF Total Federal Funding (Including Design) Staff Recommendations
St. Mary's County Totals					\$3,736,000	\$0	\$0	\$0
Washington	21.020	South Hagerstown High	Temperature regulation	Provide and install new Automation Server with communication trunk to all new classroom field controllers.	\$1,106,000	\$0	\$0	\$0
Washington County Totals					\$1,106,000	\$0	\$0	\$0
Wicomico	22.009	Wicomico High	Roof	The project demo scope includes full removal of the existing roofing (majority last installed in 1987) down to the repair/replacement of any damaged deck. At the Auditorium, Building A, and Building D at Wicomico High School, completely remove the exiting built-up roofing systems down to the existing cementitious wood fiber and gypsum plank roof decks. Repair and/or replace any deteriorated roof deck as required and replace all wood blocking above the top flat surface of the roof deck. Raise curbs and pipe penetrations as required to accommodate the new roof system.	\$6,006,000	\$499,000	\$6,006,000	\$0
Wicomico	22.019	Pittsville Elementary /Middle	Roof	This project has expanded from a full roof restoration to a hybrid partial roof restoration / partial roof replacement. Several areas of the roof are recommended to be fully reroofed including complete removal of the existing roof assembly, and installation of a new roof assembly to include asphaltic built-up roofing, coverboard, roof insulation to meet current code with regards to the thermal resistance and roof slope, and an air/vapor barrier applied directly to a nailed base sheet/rosin paper over the existing Cementous wood fiber roof deck.	\$872,000	\$66,100	\$872,000	\$0

- 1) Project submissions are ordered by category prioritization;
- 2) The lead projects either did not meet the 5 ppb threshold or documentation was not submitted therefore they are not eligible for State funding.

Interagency Commission on School Construction FY 23 Healthy School Facility Fund Staff Recommendations September 8, 2022

County	PSC No.	School Name	Project Type	Detailed Scope	State HSFF \$ Requested	Eligible Design Expense	FY23 HSFF Total New Authorization (Including Design) Staff Recommendations	FY 23 HSFF Total Federal Funding (Including Design) Staff Recommendations
Wicomico	22.001	Parkside High	Lack of, unreliable, or insufficient air-conditioning	Secure power to unit, remove old unit, replace with new. Plug and play exchange.	\$91,200	\$0	\$0	\$91,200
Wicomico	22.007	Delmar Elementary	Lack of, unreliable, or insufficient air-conditioning	Secure power to unit, remove old unit, replace with new, Plug and play exchange.	\$129,100	\$0	\$0	\$129,100
Wicomico	22.014	Prince Street Elementary	Lack of, unreliable, or insufficient air-conditioning	Secure power to unit, remove old unit, replace with new. Plug and play exchange.	\$15,200	\$0	\$0	\$15,200
Wicomico	22.016	Fruitland Primary School	Lack of, unreliable, or insufficient air-conditioning	Secure power to unit, remove old unit, replace with new. Plug and play exchange.	\$30,400	\$0	\$0	\$30,400
Wicomico	22.028	Pemberton Elementary	Lack of, unreliable, or insufficient air-conditioning	Secure power to unit, remove old unit, replace with new. Plug and play exchange.	\$60,800	\$0	\$0	\$0
Wicomico County Totals					\$7,204,700	\$565,100	\$6,878,000	\$265,900
Totals					\$94,659,260	\$3,743,404	\$25,000,000	\$20,000,000

1) Project submissions are ordered by category prioritization;

2) The lead projects either did not meet the 5 ppb threshold or documentation was not submitted therefore they are not eligible for State funding.



Item 5. **Dorchester County Amendment to FY 2023 Capital Improvement Program.**

Motion:

To approve a request from Dorchester County Public Schools (DCPS) to amend the FY 2023 Capital Improvement Program (CIP) to include the Maple Elementary School Roof Replacement project and to assign funding in the amount of \$452,640 from the DCPS reserve account.

Background information:

DCPS received an allocation in the FY 2022 Healthy School Facility Fund (HSFF) program for a roof replacement project at Maple Elementary School to replace the 1998 built up roof system with a modern equivalent, including replacing all roof accessories, flashings, downspouts, roof metal, etc. and to replace roof insulation and deck as needed.

The original project budget was \$2,248,000 with FY 2022 HSFF State funding of \$1,843,360 due to the State's 82% cost share.

On July 25, 2022, IAC staff received a request from DCPS to increase funding for the project due to bids that came in above the estimated project budget. DCPS reports that the bid increases are due to instability in roofing market costs and lead times within the current construction market. The lowest responsive bid contractor was \$2,800,000, resulting in a project deficit of \$494,939. The requested revised State cost share total would be \$2,296,000. This is an increase of \$452,640 of State funding. The proposed increase in local funding is \$42,299 which would come from the local Board of Education resources.

Dorchester County currently has funds held in reserve from projects that were canceled or funds that were reverted because project costs were lower than original allocations. COMAR 14.39.02.07 allows for LEAs that have funds held in reserve to increase the project cost for a systemic project when the LEA submits the final project scope of work and a cost estimate or bid tabulation and the IAC determines that the requested scope of work is eligible for State funding and that costs are reasonable.

The Dorchester County Board of Education is in support of the amendment to the FY 2023 CIP to supplement the funding for the HSFF FY 2022 Maple ES Roof Replacement project. If approved by the IAC, the LEA will proceed with Contracting Flynn Mid-Atlantic Company. Staff recommend approval of the LEA's request.



Every Child a Success

THE BOARD OF EDUCATION OF DORCHESTER COUNTY

700 Glasgow Street
Cambridge, Maryland 21613
410-228-4747 ~ 410-228-1847 Fax
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W. David Bromwell
Superintendent of Schools

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July 25, 2022

Interagency Committee on Public School Construction
Public School Construction Program
200 West Baltimore Street
Suite 1101
Baltimore, MD 21201
Edward J. Kasemeyer, Chairperson

Dear Chairperson Kasemeyer:

We are writing you to make you aware of the bid results for the approved Maple Elementary School Roof Replacement at this school in Cambridge, MD. This project request was fully funded in the FY2023 Capital Improvement Program using Healthy Schools Funds.

We recently bid this project over the last 30 days (July 11th). The result was that there was tremendous competition, but no responsive bids were received under the budget. The budget was developed last summer in cooperation with our roof designer, manufacturer and local contractors. The lowest responsive bid is \$494,939 over the budget per the attached bid tabulation.

This leaves us 3 options to move this work forward:

- Reject the bids and rebid this work hoping that competition will drive prices down to our budget. This will not help move this work forward.
- Withdraw our funding application and reapply for at least \$1,000,000 more funding to complete this desperately needed work next year. This will yield higher costs next year. Or,
- Request additional funds from IAC to support the increased State share to fund this work now, at the lowest responsive and responsible bid amount. Our lowest responsive and responsible bidder and the roof manufacturer have agreed to hold their bid price for 30 days.

We are writing to request consideration for the third option noted above. We know that material and labor prices will only increase over the next year. Hence, we believe it is in the best interest of the taxpayers to provide the additional funding now to move this work forward at the lowest possible cost. Next year it will certainly be more.

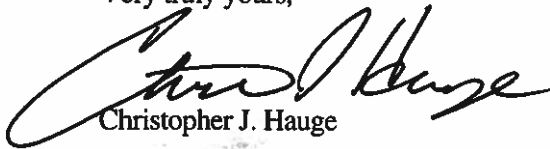
Currently we are funded for \$2,305,061 in total for this project using \$1,843,360 of Healthy Schools Funding and \$461,701 of Dorchester funds. The lowest responsive and responsible bid is for \$2,800,000. This represents a \$494,939 of funding currently not approved for this project. At a 82% state cost split, the proposed, revised State share total would be \$2,296,000. This is an increase of \$452,640 of State funding. The proposed increase in local funding is \$42,299 which would come from local Board of Education resources. The total increase in funding is \$494,939 to match the difference needed to move forward.

Dorchester County Public Schools is confirmed and committed to the scarce additional local funds to move this important work forward. We respectfully ask for your consideration in this request to increase the State share as noted to save money in the long term.

In conclusion, we believe it is in the best interest of the taxpayer, State of Maryland and Dorchester County Public Schools to work together to move this project forward now with additional funding.

If you have any questions or concerns with this matter, please call me at 410-463-0700.

Very truly yours,

A handwritten signature in black ink, appearing to read "Chris J. Hauge". The signature is fluid and cursive, with a large initial "C" and "H".

Christopher J. Hauge

School Facilities Engineer

Dorchester County Public Schools

Cc: Mr. W. David Bromwell, Superintendent of Schools

Dr. Michael Collins, Director of Operations

Attachment MES Bid Tabulation

Bidder	Total Cost Base Bid (Cold Applied)	Alternate 1 (Hot Applied Total Cost)	Alternate 2 Metal Deck Unit Cost/SF	Alternate 2 Tectum Deck Unit Cost/SF	Comment
Apex	\$2,819,000.00	\$3,000,000.00	\$24.00	\$32.00	Overbudget
Northeast Contracting	\$1,823,630.00	\$1,983,037.00	\$25.00	\$40.00	Non-responsive. Did not include material.
Cole Roofing	\$4,035,000.00	\$3,996,500.00	\$15.00	\$28.00	Overbudget
Flynn Mid-Atlantic	<input checked="" type="checkbox"/> \$2,800,000	\$2,900,000	<input checked="" type="checkbox"/> \$18	<input checked="" type="checkbox"/> \$32	Lowest Responsive Bid. Overbudget
Island Contracting	\$3,750,000.00	\$3,650,000.00	\$6.00	\$20.00	Overbudget
Simpson Unlimited	\$3,145,500	\$3,658,000	\$25	\$200	Overbudget
Harbor Roofing and Contracting	\$5,479,000	\$5,110,000	\$15	\$125	Overbudget
Roof Budget Estimate from 9/3/21		\$2,305,061			
* The material is being purchased directly by the school system under a separate contract. The material costs are shown to illustrate total project cost.					

MES Roof Replacement (PSC09.010.22)
 Superintendent of Schools
 Additional Funding Request

7/25/22

Total Original Estimate	Current State Share (82%)	Current Local Share		
\$2,305,061.00	\$1,843,360.00	\$461,701.00		
Total Budget Delta	Proposed Revised Total State share at 82%	Confirmed and Approved Revised Total Local Share	Total	Proposed Increase in State Share
\$494,939	\$2,296,000.00 \$504,000.00	\$504,000.00	\$2,800,000.00	\$452,640.00
	Proposed Increase in State Share	Confirmed and Approved Additional Dorchester Funds		Total Additional Funds
	\$452,640.00	\$42,299.00		\$494,939.00



Item 6. Approval of Fiscal Year 2022 Maintenance of Maryland’s Public School Buildings Report

Motion:

To approve the final draft of the FY 2022 Report, *Maintenance of Maryland’s Public School Buildings*, dated October 1, 2022, pending non-substantive edits by staff.

Background Information:

Education Article §5-310(b)(3), Annotated Code of Maryland requires that the IAC report to the Governor and General Assembly by October 1 each year on the results of the maintenance assessments of Maryland PreK-12 educational facilities conducted by IAC staff in the prior fiscal year.

The final draft of the annual report for FY 2022, entitled “*Maintenance of Maryland’s Public School Buildings*,” is submitted here for IAC approval. Upon approval by the IAC, the report will be printed in final format and submitted to the Governor and General Assembly as well as Superintendents and other school system staff.

FY 2022 IAC Maintenance-Effectiveness Assessment Annual Report

September 8, 2022

Alex Donahue, Acting Executive Director

Scott Snyder, Manager, Assessment and Maintenance Group

Brooke Finneran, Administrative Officer, Assessment and Maintenance Group

The MEA for FY 2022

Maintenance-Effectiveness Assessment

- Targeted to what matters most for facilities usefulness, reliability, and longevity
- More objective
- More consistent and comparable ratings
- More transparent
- More easily understood reports
- Uses technology for greater efficiency



- Help to ensure that LEAs are doing what's needed to maintain school facilities that are
 1. Educationally Sufficient &
 2. Fiscally Sustainable
- **Meaning**
 - Systems work as intended
 - No unplanned facility shutdowns
 - No lost educational delivery function
 - Facility lasts for its expected life span of 30 years

Purpose

Of the new MEA

Maintenance-Effectiveness Assessment

Definitions of Major and Minor Deficiencies

Type	Definition	Category Rating Reduction
 Minor Deficiency	Poses a <u>potential threat</u> to life, safety, or health of occupants; delivery of educational programs or services; or the expected life span of the facility.	-34%
 Major Deficiency	Poses an <u>immediate threat</u> to life, safety, or health of occupants; delivery of educational programs or services; or the expected life span of the facility.	-100%

Inspections Performed, with Ratings & Percentages

FY 2022

Fiscal Year	Superior	Good	Adequate	Not Adequate	Poor	Total
Overall Ratings	0	22	189	52	2	265
Percentages	0.0%	8.30%	71.32%	19.62%	0.75%	100%
P/F	Passing: 211 (80%)			Failing: 54 (20%)		100%

Major and Minor Deficiencies by Category

Category	# of Major Deficiencies	# of Minor Deficiencies
Roadways, Parking Lots, & Walkways	0	80
Grounds	0	40
Positive Site Drainage Away from Structure(s)	0	11
Playgrounds, Equipment, & Fields	2	55
Relocatables & Additional Structures	0	31
Site Subtotals	2	217
Exterior Structure & Finishes	0	19
Roof Drains, Gutters, & Downspouts	0	6
Windows, Caulking, & Skylights	1	6
Entryways & Exterior Doors	0	21
Roofs, Flashing, and Gravel Stops	0	6
Building Exterior Subtotals	1	58
Interior Doors, Walls, Partitions, & Finishes	0	30
Floors	0	18
Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	25
Ceilings	0	27
Interior Lighting	0	59
Building Interior Subtotals	0	159

Category	# of Major Deficiencies	# of Minor Deficiencies
HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	37
Electrical Distribution & Service Equipment	1	49
Boilers, Water Heaters, Steam, & Hot-water Distribution	0	40
Plumbing Fixtures and Equipment	0	30
Fire and Safety Systems & Utility Controls	0	80
Conveyances	0	10
Building Equipment & Systems Subtotals	1	246
Preventive Maintenance (PM) Plan	0	0
Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
Pest Management	0	5
Custodial Scope of Work (SoW)	0	0
Maintenance Management Subtotals	0	5
Total	4	685

We'd love
to hear your questions



State of Maryland Interagency Commission on School Construction

Maintenance of Maryland's Public School Buildings Fiscal Year 2022 Annual Report



200 W. Baltimore Street
Baltimore, MD 21201
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INTERAGENCY COMMISSION ON SCHOOL CONSTRUCTION

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Robert S. McCord, Secretary, Maryland Department of Planning

Alex Donahue, Acting Executive Director

Cassandra Viscarra, Deputy Director for Administration

The following individuals within the staff of the Interagency Commission on School Construction's Assessment & Maintenance Group have made dedicated contributions of time and effort to the Maintenance Assessment Program and the development of this annual report:

Michael Bitz, Maintenance Assessor

Kyle Connolly, Maintenance Assessor

Josh Faby, Maintenance Assessor

Nathan Ledl, Maintenance Assessor

Joseph Cameron, Lead Maintenance Assessor

Brooke Finneran, Administrative Officer

Scott Snyder, Manager

Table of Contents

I. PreK-12 Public School Maintenance in Maryland	4
A. Defined Terms	4
B. Background	6
C. The Changing Landscape of Facilities Maintenance	8
D. The Post- FY 2020 Maintenance-Effectiveness Assessment	11
II. The Assessment: Fiscal Year 2022	15
A. Procedures and Methods	15
B. Overview of FY 2022 Assessment Results	17
<u>Table 1</u> : Maintenance-Effectiveness Assessment Results by Fiscal Year	18
<u>Table 2</u> : Summary of Maintenance-Effectiveness Assessment Results	19
<u>Table 3</u> : Major and Minor Deficiencies by Category	20
FY 2022 LEA Maintenance-Effectiveness Assessment Results: A District-by-District Overview	25

I. PreK-12 Public School Maintenance in Maryland

A. Defined Terms

The LEA Maintenance-Effectiveness Assessment Results reports provide an overview of maintenance assessments conducted at selected school facilities in each Maryland public school system. Each report provides general information about the school system, a listing of the facilities that were assessed, and a brief narrative highlighting important aspects of the school system's maintenance program.

Data regarding LEAs' facilities inventories as provided in the Key Facts sections of this report are drawn from the IAC's Facility Inventory database but are provided by the LEAs and are accurate to the extent that they have been updated by the LEAs.

Note:

The definition of "**Adjusted Age**" of a school facility, found in the fourth column of the Summary of School Ratings charts in the LEA Maintenance-Effectiveness Assessment Results section starting on page 25, is the average age of the total square footage. For the purposes of calculating the Adjusted Age, renovated square footage is generally treated as new.

A "**major deficiency**" is assigned to a category when a facility assessor determines there is an issue or multiple issues that pose an immediate threat to life, safety, or health of occupants, delivery of educational programs or services, or the expected life span of the facility. The score of any category assigned a major deficiency will be reduced by 100%.

A "**minor deficiency**" is assigned to a category when a facility assessor determines there is an issue or multiple issues that pose a potential threat to life, safety, or health of occupants, delivery of educational programs or services, or the expected life span of the facility. The score of any category assigned a minor deficiency will be reduced by 34%.

The number of reported major and minor deficiencies refers only to the number of categories containing one or more deficiencies when the MEA reports are finalized at the end of the 45-day remediation period. Taking this into account, it is possible that the number of individual major and minor deficiencies are greater than the number of deficiencies reported if categories contain more than one deficiency each. Any category which contains both major and minor deficiencies will be reported as a category with a major deficiency.

"**Original existing square footage**" as used in the narratives on the following pages refers to the construction dates of the existing square footage in a facility, regardless of if they were renovated at a later date. For example, if a school first built in 1954 received additions in 1960, 1975 and 2003, and the 1954 portion was also demolished in 2003, the original existing square footage would then date from 1960 to 2003. If one other school in the same county is assessed in the same year, and it was built in 1962 and received a complete renovation and addition in 2010, then the original existing square footage for that school would date from 1962 to 2010; combined, the original existing square footage at these schools dates from 1960 to 2010.

I. PreK-12 Public School Maintenance in Maryland

A. Defined Terms

Acronyms and other abbreviations used in this report:

Acronym	Meaning
A&M	Assessment & Maintenance
APPA	Association of Physical Plant Administrators
BPW	Board of Public Works
CDAC	Capital Debt Affordability Committee
CIP	Capital Improvement Program
CMMS	computerized maintenance management system
CMP	Comprehensive Maintenance Plan
CRV	current replacement value
DGS	Department of General Services
DLLR	Department of Labor, Licensing and Regulation
EFMP	Educational Facilities Master Plan
FCI	Facility Condition Index
FTE	full-time equivalent
FY	fiscal year
GSF	gross square footage
HVAC	heating, ventilation, and air conditioning
IAC	Interagency Committee on School Construction (1971-2017) Interagency Commission on School Construction (2018-present)
IFMA	International Facilities Management Association
LEA	Local Education Agency
MD	Maryland
MDCI	Maryland Condition Index
MEA	maintenance-effectiveness assessment
MSB	Maryland School for the Blind
PM	preventive maintenance
SF	square feet/square footage
SoW	scope of work
TCO	total cost of ownership

I. PreK-12 Public School Maintenance in Maryland

B. Background

In June of 1971, the BPW established the Interagency Committee on School Construction, which in 2018 became the Interagency Commission on School Construction. Since the initial creation of the IAC, it has been understood that maintenance plays a significant role in facility condition and the educational sufficiency of each of Maryland's public schools, and the IAC has prioritized maintenance information accordingly. In 1973, the BPW directed the IAC to conduct a one-time comprehensive maintenance review of all operating public schools. The results revealed that about 21% of the State's 1,259 then-operative schools were in poor or fair condition. To improve upon those findings, comprehensive maintenance guidelines were developed by the IAC and approved by the BPW in 1974.

In 1980, the BPW directed the IAC to conduct a full maintenance survey of selected public schools that had received state funding assistance. The survey was performed by the DGS. Its initial purpose was to assess the quality of local maintenance programs in 100 school facilities that had benefited from State school construction funding. Subsequently, annual assessments of approximately 100 schools representing a range of approximately 7-16% of each LEA's schools were authorized.

In 1981, a section covering maintenance was included in the IAC's Administrative Procedures Guide and, in 1994, a requirement was added that each LEA submit a Board-approved CMP no later than October 15 of each year.

A well-conceived CMP:

- provides an overview of the policies of the local board and a compendium of good maintenance practices;
- uses comparable metrics to determine if maintenance is being performed as required;
- addresses the planning, funding, reporting, and compliance monitoring of school maintenance; and
- lists the highest priority capital and repair projects, with the anticipated funding source for each project.

In July 2005, the CDAC, consisting of the State Treasurer, the Comptroller, the Secretary of the Department of Budget and Management, the Secretary of Transportation, and a public member, requested that the IAC develop recommendations to ensure that Maryland's large investment in school facilities will be well protected through good maintenance practices. As a result, the IAC:

- Transferred the school maintenance survey function from DGS to the IAC beginning in FY 2007 and hired two full-time maintenance inspectors with experience in the fields of building maintenance, operations, and construction to conduct approximately 220 to 230 school assessments in the 24 school systems per year, as well as reassessments of schools assessed in a prior fiscal year that received ratings of Not Adequate or Poor.¹
- Included maintenance-assessment information as a component of the IAC Facilities Inventory database. This allows for longitudinal comparison of survey scores providing some value for analysis of statewide maintenance practices but it is not a CMMS that would allow robust maintenance management and reporting.
- Issued, in response to a requirement of the General Assembly, guidelines for maintenance of public school facilities in Maryland in May 2008.

¹ Assessments are not conducted for facilities on the campus of MSB, which is eligible for State school construction funding.

I. PreK-12 Public School Maintenance in Maryland

B. Background

- Continued to strengthen the alignment between the maintenance-assessment program and the annual CIP:
 - ◇ Beginning with the FY 2010 CIP, the IAC has required that LEAs submit the three most recent roof assessment reports as a threshold condition for approval of roof replacement projects.
 - ◇ The IAC continues to encourage LEAs to review total cost of ownership. The need for capital maintenance projects will increase as the average age of facilities portfolios also continues to grow. Major renewal projects that reduce the FCI score for a facility and address multiple deficiencies may provide the biggest “bang-for-the-buck” and extend the expected life of a facility.
 - ◇ The staff of the IAC has discussed maintenance budgets, staffing, and maintenance capital planning with LEAs in the annual October meetings regarding the CIP.

In 2019, following the General Assembly’s passage of the 21st Century School Facilities Act (2018 Md. Laws, Ch. 14), the IAC began developing and testing with LEA input a new MEA that was implemented for FY 2021 to replace the maintenance inspections. The post-FY 2020 MEA is based upon a more stringent rubric that greatly reduces the subjectivity of the assessments. For FY 2023, the MEA has been refined to better identify the effectiveness of LEAs’ practices with regard to the management of both in-house and contracted maintenance. See page 11 for a description of the post-FY 2020 MEA.

The 21st Century School Facilities Act also mandated that the IAC require the annual submission of PM plans. The IAC updated its instructions for the submission of the CMP to make it possible for the IAC to compare LEAs’ maintenance planning over time and across the state in a manner that supports the identification of best practices that the IAC can then share with all LEAs.

I. PreK-12 Public School Maintenance in Maryland

C. The Changing Landscape of Facilities Maintenance

Every facility requires maintenance on an ongoing basis in order to ensure the continued effectiveness of the facility in supporting the delivery of programs and services, to achieve the full expected lifespans of the facility and its components, and to ensure that the facility remains fiscally sustainable. An LEA must implement highly effective preventive and reactive maintenance on a continual basis, and must also implement appropriate capital maintenance (i.e., periodic renewal or replacement of building systems) when it is needed. To do this, an LEA must have the tools, knowledge-equipped staffing, materials, and contracted support that are required to manage and implement the needed operations and maintenance activities. Paying for these inputs requires consistently having sufficient funds in the LEA’s operations, maintenance, and capital budgets.

The question of how many resources are required for proper and sufficient operations and maintenance of a given facility – much less a portfolio of facilities – is a complex one. This is because, for each facility, the costs vary significantly based upon its design and specific components, its age and condition, how much of the maintenance work needed to date has been performed in a timely manner, the quality and effectiveness of that maintenance work, and the “wear and tear” on the facility from its usage and from the environmental conditions present around the facility. APPA provides standards for staffing both the custodial activities and the maintenance activities of facilities at various levels of functionality and fiscal sustainability. At the level appropriate for fiscally sustainable school facilities—Level 2: Comprehensive Stewardship—APPA recommends the following staffing in FTEs:

Maintenance (APPA Level 2: Comprehensive Stewardship)	1.0 per 67,456 GSF
Custodial (APPA Level 2: Ordinary Tidiness)	1.0 per 16,700 GSF
Upkeep of Grounds (APPA Level 2: High Level)	1.0 per 10 acres

In addition to general staffing, however, there are many preventive and reactive maintenance activities that must be performed to keep building systems in good condition, and these often involve significant staffing, parts, materials, and/or contracted labor. For this reason, operations, maintenance, and capital maintenance budgets must accommodate far more than only the costs of general staffing. Industry standards supported by APPA, the IFMA, the U.S. Department of Defense, and other experts suggest that a good rule of thumb for facilities funding is to spend, on average, the following amounts per year:

Operations & Routine Maintenance (preventive and reactive)	2% of facility CRV
Capital Maintenance (system renewal)	2% of facility CRV

These figures have been found to be effective in estimating facilities costs for the purposes of planning and budgeting, but are still only a very rough estimate. This is because they do not take into account the specific conditions that may be faced by a given facility, and do not address any backlog of deferred maintenance from past years that may exist. Nevertheless, it’s likely that, if an LEA fails to spend an annual average of at least 4% of CRV per year on operations and maintenance of its facilities, it will have difficulty maintaining the functionality and the fiscal sustainability of the facilities and obtaining the full expected lifespans of the facilities.

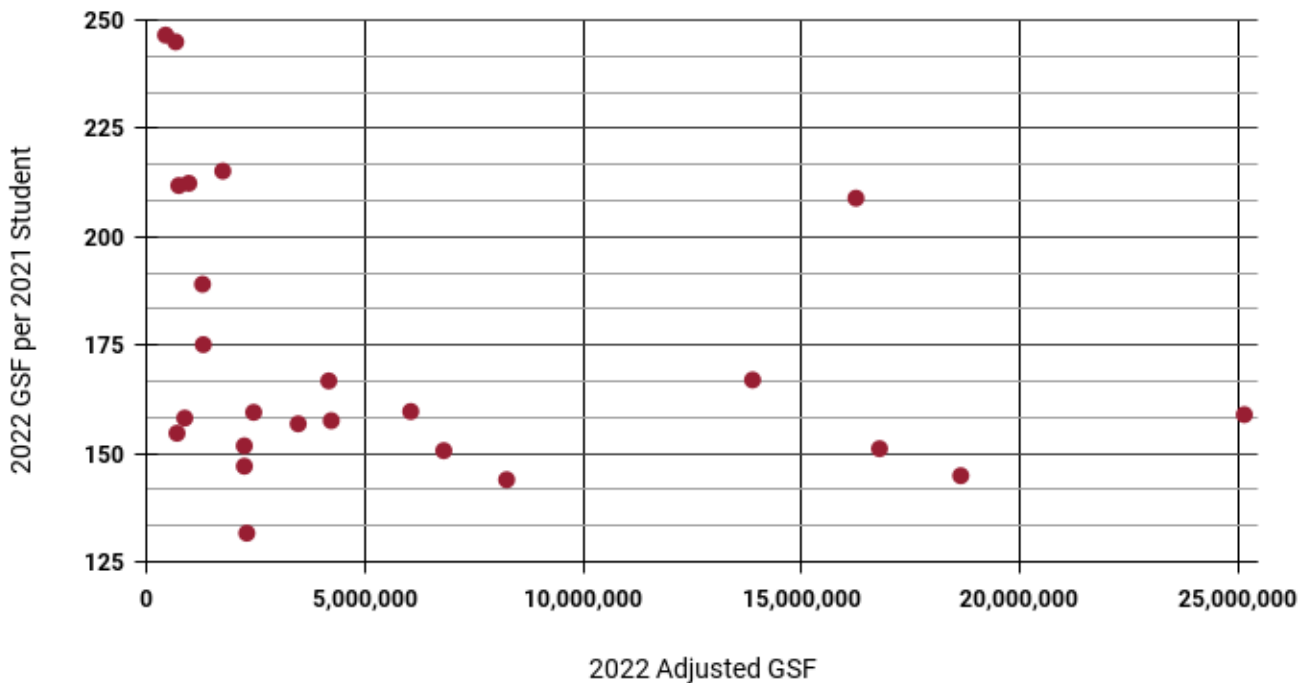
I. PreK-12 Public School Maintenance in Maryland

C. The Changing Landscape of Facilities Maintenance

The collection of statewide comparable data on the condition and educational sufficiency of PK-12 school facilities in Maryland is ongoing. A baseline Statewide Facilities Assessment was completed in the fall of 2021, and data is to be updated annually, with 25% of school facilities in Maryland re-assessed through site visits each year. Weighting based on the IAC’s Educational Sufficiency Standards is to be finalized in the coming years to create an overall MDCl score for each facility that will allow for apples-to-apples comparison between school facilities. This score will provide valuable insight into the physical needs of Maryland school facilities and support prioritization of construction projects in order to provide environments that support the effective delivery of educational programs that meet Maryland’s education standards and that can be effectively and efficiently maintained. The results of this assessment are outside of the scope of this maintenance report and will be published separately.

The total cost of ownership of school facilities continues to increase, in significant part due to increasing square footage per student. Typically, LEAs’ budgets have not been sufficient to support the increased cost. In 2022, Maryland’s LEAs operated more than 141 million GSF of educational space to serve about 881,700 PK-12 students, for a statewide average of about 161 GSF per student. However, as shown in the chart below, the average GSF per student figure for many of Maryland’s LEAs is significantly higher than 161.

2022 GSF per 2021 Student vs. 2022 Total Adjusted GSF by LEA



School facility size and total cost of ownership therefore must be at the forefront in planning decisions and the management and operation of school facilities must continuously improve in efficiency and effectiveness. Robust and data-driven facilities management is necessary for the effective management of the total cost of ownership and to sustain our schools.

I. PreK-12 Public School Maintenance in Maryland

C. The Changing Landscape of Facilities Maintenance

Because funding for capital maintenance is limited, it is important that the local board's EFMP, CMP, and annual CIP are coordinated to ensure that maintenance-related capital projects are properly sequenced in relation to other facilities needs and support the board's educational and portfolio management objectives. LEAs are improving their efficiency through the use of best practices, including better training of staff, the expanded use of CMMS, and increased knowledge of how to manage and reduce the total cost of ownership of facilities.

It should be noted that budgets for maintenance often compete directly with educational program budgets and, therefore, planning and building right-sized school facilities that are affordable to operate over their lifespans is essential to having highly functioning and fiscally sustainable schools. The IAC has described a number of the key principles in facilities-portfolio management in a series of [webinars](#) published on the IAC's website. The IAC continues to support LEAs by informing best practices and looks in the future to provide adequate facilities ownership cost accounting, provision of post-occupancy evaluations, and performance benchmarks.

I. PreK-12 Public School Maintenance in Maryland



D. The Post-FY 2020 Maintenance-Effectiveness Assessment

Following the General Assembly’s passage of the 21st Century School Facilities Act, the IAC in 2019 began developing and testing with LEA input a new MEA and implemented it for FY 2021. The post-FY 2020 MEA differs significantly from the old maintenance surveys in that it:

- Covers more aspects of facilities maintenance, including the category of Maintenance Management, which includes maintaining and following PM plans and the use of a CMMS in certain ways;
- Is based upon clearer and more objective standards that are keyed to outcomes;

Superior and Good	Maintenance is likely to extend the life of systems within the facility beyond their expected lifespans.
Adequate	Maintenance is sufficient to achieve the life of each system within the facility and, with appropriate capital spending and renewal, the total expected lifespan.
Not Adequate and Poor	Maintenance is insufficient to achieve the expected lifespans of systems within the facility.

- Utilizes a published rubric that describes criteria for each rating level (Superior, Good, Adequate, Not Adequate, and Poor) for each major building-component category, which facilitates greater consistency across assessments and supports increased reviewability;
- Weights the various building-component categories to better reflect their impact on the utility of the facility;

Type	Definition	Category Rating Reduction
 Minor Deficiency	Poses a <u>potential threat</u> to life, safety, or health of occupants; delivery of educational programs or services; or the expected lifespan of the facility.	-34%
 Major Deficiency	Poses an <u>immediate threat</u> to life, safety, or health of occupants; delivery of educational programs or services; or the expected lifespan of the facility.	-100%

- Recognizes deficiencies in maintenance that pose a potential or immediate threat to occupants or the expected lifespan of the facility;
- Allows LEAs to request the elimination of a given score penalty resulting from an assessed major or minor deficiency when the LEA has timely provided sufficient evidence that the deficiency has been remediated or is in the process of being remediated; and
- Is more transparent because the rating standards, criteria, and scoring formula are all publicly available on the [IAC’s website](#).

It should be noted that any maintenance assessment results prior to FY 2021 are not comparable to results in FY 2021 or after. For example, the assessment rating categories have been recalibrated so that a result of Adequate demonstrates an appropriate level of maintenance support for a school facility. Schools that would have received a level of Good prior to FY 2021 may often receive an Adequate overall rating in FY 2021 or subsequent years.

I. PreK-12 Public School Maintenance in Maryland

D. The Post-FY 2020 Maintenance-Effectiveness Assessment

In the course of the FY 2021 implementation of the post-FY 2020 MEA, LEAs provided valuable feedback to the IAC based upon those LEAs' experiences in the assessments of their facilities. That feedback included suggestions for improvements and the IAC implemented changes in response to some of the suggestions. The feedback also included statements from LEAs that found the post-FY 2020 MEA delivers much greater value than the IAC's previous maintenance surveys. The IAC looks forward to a continuing feedback loop that will carry additional LEA ideas and suggestions back to the IAC for evaluation and consideration as part of the IAC's adherence to the principle of continuous improvement.

The Assessment Rubric

The assessment rubric as implemented in FY 2021 groups the building-system components into 21 categories within four groups. In order to focus the assessment's scoring on those categories that are likely to have the greatest potential impact on teaching and learning, each category receives a value of between three and ten points.

Group	Category	Weight
Site	1. Roadways, Parking Lots, & Walkways	5
	2. Grounds	3
	3. Positive Site Drainage Away from Structure(s)	8
	4. Playgrounds, Equipment, & Fields	4
	5. Relocatables & Additional Structures	6
Building Exterior	6. Exterior Structure & Finishes	6
	7. Roof Drains, Gutters, & Downspouts	7
	8. Windows, Caulking, & Skylights	3
	9. Entryways & Exterior Doors	7
	10. Roofs, Flashing, and Gravel Stops	7
Building Interior	11. Interior Doors, Walls, Partitions, & Finishes	3
	12. Floors	3
	13. Interior Cleanliness & Appearance (incl. of Equip. Rooms)	6
	14. Ceilings	3
	15. Interior Lighting	5
Building Equipment & Systems	16. HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	10
	17. Electrical Distribution & Service Equipment	3
	18. Boilers, Water Heaters, Steam, & Hot-water Distribution	8
	19. Plumbing Fixtures and Equipment	5
	20. Fire and Safety Systems & Utility Controls	10
	21. Conveyances	5

I. PreK-12 Public School Maintenance in Maryland

D. The Post-FY 2020 Maintenance-Effectiveness Assessment

The rubric also includes the following four categories under the heading of Maintenance Management:

Group	Category	Weight
Maintenance Management	22. Preventive Maintenance (PM) Plan	10
	23. Computerized Maintenance Management System (incl. Equip. Data)	10
	24. Pest Management	4
	25. Custodial Scope of Work (SoW)	5

For each category, the rubric specifies criteria for each of the five rating levels. The [complete rubric](#) can be read in its entirety on the IAC website. As an example, the following are the criteria for the rating levels within the category of Plumbing Fixtures and Equipment:

Category Rating	Rating Criteria
Superior	<ul style="list-style-type: none"> • No problems or issues visible; and • Evidence that only normal preventive maintenance is required.
Good	<ul style="list-style-type: none"> • Evidence of systems functioning normally with no signs of deterioration, corrosion, leaks, or delivery issues; • Evidence of issues that may require minor repairs or cleanup but do not affect structural integrity or intended uses; and • Evidence of routinely above-standard custodial and maintenance practices.
Adequate	<ul style="list-style-type: none"> • Evidence of systems functioning normally with few signs of deterioration, corrosion, leaks, or delivery issues; • Evidence of issues that may require repairs or cleanup but do not significantly affect structural integrity or intended uses; and • Evidence of regular competent custodial and maintenance practices.
Not Adequate	<ul style="list-style-type: none"> • Systems are not functioning as intended; • Evidence of significant deterioration, corrosion, leaks, or delivery issues; • Evidence of issues requiring significant repairs or replacement; or • Evidence of inconsistent custodial or maintenance practices.
Poor	<ul style="list-style-type: none"> • System is nonfunctional or unsafe to operate; • Evidence of extensive deterioration, corrosion, leaks, or delivery issues; • Evidence of issues requiring extensive repairs or replacement; or • Evidence of consistently sub-standard custodial or maintenance practices.

I. PreK-12 Public School Maintenance in Maryland

D. The Post-FY 2020 Maintenance-Effectiveness Assessment

After the assessor walks the facility and examines the grounds, the structure, and the spaces and building components within them, the rubric along with the assessor's trained professional judgment are used to assign a rating to each category.² Each rating has a factor as follows:

Rating	Factor
Superior	100%
Good	85%
Adequate	75%
Not Adequate	65%
Poor	55%

The IAC's software³ then multiplies the weight for each category by the rating factor of the rating that the assessor assigns, and adjusts for any major or minor deficiencies that were assessed in that category. The resulting points are then scaled to a 100-point scale to generate an overall score for the facility, which translates into an overall facility rating as follows:

Scaled Score Range	Overall Rating
90% to 100%	Superior
80% to 89%	Good
70% to 79%	Adequate
60% to 69%	Not Adequate
0% to 59%	Poor

At the end of the fiscal year assessment cycle, the IAC averages the overall ratings conferred upon the facilities assessed during the fiscal year to derive an average overall facility rating for the LEA. Because the IAC does not have enough staff to assess every facility each year, the IAC selects a sample set of facilities to assess in each LEA based upon a number of factors including the number of years elapsed since each facility was last assessed.⁴

For more information about the MEA's rubric, deficiency removal guidelines, or scoring calculator, please see the [IAC's website](#).

2 Where a school does not include assets in a given category, or the assessor could not evaluate the assets due to ongoing major construction projects, weather conditions, or other circumstances, the assessor assigns a rating of Not Applicable and the category is omitted from the scoring calculation. As a result, not every school may have a rating in every category.

3 The formulas used in the IAC's software are shown in the [MEA scoring calculator](#) provided on the IAC's website.

4 For more detail about the school selection process, see Overview of FY 2022 Assessment Results on page 17.

II. The Assessment: Fiscal Year 2022

A. Procedures and Methods

In conducting a total of 265 MEAs between July 2021 and May 2022, the team implemented the following process:

Prior to the Site Visit

At least two weeks prior to beginning the site visits for each LEA, the IAC provided to the LEA a list of the school facilities to be assessed and coordinated with the LEA with regard to scheduling. LEAs were required to submit key school facility information including maintenance records to the IAC prior to each assessment. In order to improve their efficiency and accountability, all 24 LEAs have to varying degrees implemented CMMS tools. CMMS tools help LEAs manage and track maintenance activities through the use of work orders. A key function of a CMMS is to automatically generate work orders for PM tasks based upon equipment needs and PM schedules published by the manufacturers of each facility's building systems. When fully implemented, the CMMS can provide valuable and transparent data for improving facilities maintenance processes, including work order aging reports and the costs of performing maintenance. Prior to the site visit for each facility, the assessor reviewed work order reports to obtain an advance view on the levels of maintenance being performed on various parts of the facility.

During the Site Visit

Upon arrival, the IAC's assessor walked the facility in the presence of a facilities maintenance representative or designee. The assessor examined the components and systems of the buildings, listed on page 12. Based upon the assessor's observations of the building systems and the documentation of the LEA's maintenance activities in the facility as compared against the criteria in the MEA rubric, the assessor assigned a rating for each category. The assessor recorded any comments and assigned ratings on the IAC's web-based assessment form and attached photos taken during the assessment.

The IAC's assessor took care during the assessment to measure the effectiveness of the LEA's maintenance by evaluating the conditions observed and to avoid allowing the age of the facility or its systems to affect the assessment score. If a school facility is well maintained and has older equipment and components that are serviceable and are not causing harm to other equipment and building components, the facility is likely to receive a score that reflects the high level of effectiveness of maintenance that was performed.

After the Site Visit

Upon completion of the assessment, the assessor reviewed any notes and documentation as needed, completed the preliminary MEA report, and submitted it to the A&M group manager or lead assessor for review. The A&M group manager or lead assessor reviewed the report, coordinated with the assessor as needed to refine or adjust the report contents, and approved the report. The A&M group manager dispatched the report to the LEA's maintenance director and other appropriate personnel, generally within 72 business hours.

Once the LEA received the preliminary MEA report, the LEA had 15 calendar days in which to provide responses on any issues that the assessor marked for a required response. Such issues could include building-system categories that received a rating of Poor or Not Adequate as well as any major or minor deficiencies. The LEA had the option of requesting the removal of score penalties for any major or minor deficiencies assessed in the report. If the A&M group manager found that the LEA had timely provided sufficient evidence under [the IAC's guidelines](#) that the deficiency had been remediated or was in the process of being remediated, the IAC could reduce or remove the negative score impact of that deficiency.

II. The Assessment: Fiscal Year 2022

A. Procedures and Methods

As described in the following section on the results of the FY 2022 MEAs, the LEAs accrued a total of 685 minor deficiencies – an average of 2.6 per assessed school facility – and 4 major deficiencies that were not remediated. Anecdotal feedback from LEAs suggests that the primary reason why many or most of the deficiencies were not remediated is that the LEAs lack sufficient fiscal and/or staffing resources to remediate the deficiencies while still meeting other pressing facility needs.



Beall Elementary, Allegany County



Pinehurst Elementary, Wicomico County

II. The Assessment: Fiscal Year 2022

B. Overview of FY 2022 Assessment Results

The IAC is reporting on 265 MEAs performed in FY 2022 representing 19% of Maryland's PK-12 public school facilities.⁵ These MEAs constitute the second batch of assessments using the post-FY 2020 approach, which provides for greater consistency and comparability across facilities and LEAs and is calibrated to reflect whether the LEA's maintenance effectiveness is sufficient to maintain the expected functionality of its facilities for educational purposes and to achieve the expected lifespans for the major building systems and the facilities overall.

In selecting facilities to assess during FY 2022, the IAC first prioritized the school facilities that had not been assessed within the last six fiscal years or were at least three years old and had never received an assessment. The IAC assessed approximately 20% of facilities in each LEA, but limited the maximum number of assessments to 39 in any LEA. To ensure each LEA's final results were a reflection of each LEA's overall average maintenance effectiveness, a minimum of three facilities were assessed in each LEA. At the request of Montgomery County Public Schools (MCPS), the school facilities chosen at MCPS were distributed proportionally across all three MCPS maintenance service centers.

Table 2 provides a summary of the maintenance-effectiveness results for each LEA from FY 2022. Specifically, the table shows the average overall rating from the facilities assessed along with the corresponding rating level and the total number of major and minor deficiencies.

ADEQUATE IS ADEQUATE

A rating of Adequate suggests that the LEA's maintenance is such that, on average, the LEA should obtain the expected lifespans from its building systems and facilities.

As compared with results from FY 2021, the average overall rating for a facility in FY 2022 decreased by 0.82%. The FY 2022 data shows the following:

- The statewide average maintenance-effectiveness rating by facility was 73.06%, which falls within the Adequate range under the IAC's rating system.
- 19 of 24 – or 79% – of LEAs earned an average overall maintenance-effectiveness rating of Adequate.
- 22 of 24 – or 92% – of LEAs accrued no major deficiencies, which are items that pose an immediate threat to life, safety, or health of occupants; delivery of educational programs or services; or the expected lifespan of the facility. The remaining two LEAs only accrued a total of four major deficiencies between them.
- Excluding the minor deficiencies accrued by the two LEAs that accrued the largest number, Maryland's LEAs averaged fewer than two minor deficiencies per facility.

5 Individual school reports are available upon request.

II. The Assessment: Fiscal Year 2022

B. Overview of FY 2022 Assessment Results

Table 1: Maintenance-Effectiveness Assessment Results by Fiscal Year

TABLE 1: MEA RESULTS FISCAL YEARS 2021-2022					
NUMBER OF MEAS PERFORMED WITH RATINGS AND PERCENTAGES					
Fiscal Year	Superior/Good	Adequate	Not Adequate	Poor	Total
2021	63	131	72	2	268
2022	22	189	52	2	265
Total Ratings	85	320	124	4	533
Total Percentages	15.95%	60.04%	23.26%	0.75%	100%



Mary E. Rodman Elementary # 204, Baltimore City



Dowell Elementary, Calvert County

II. The Assessment: Fiscal Year 2022

B. Overview of FY 2022 Assessment Results

Table 2: Summary of Maintenance-Effectiveness Assessment Results

LEA	LEA Characteristics in FY22			FY22 Maintenance Assessment Results				
	Total # of School Facilities	Total Square Footage	Average Adjusted Age of Schools	# of Schools Assessed	LEA Average Rating		# of Deficiencies	
					Percentage	Rating	Major	Minor
TOTALS	1370	141,714,338	31	265	73.06%	Adequate	4	685
Allegany	22	1,749,398	35.3	4	65.75%	Not Adequate	0	26
Anne Arundel	121	13,883,724	29.1	24	75.33%	Adequate	0	37
Baltimore City	141	16,251,586	37.0	27	73.94%	Adequate	2	82
Baltimore Co	165	16,791,691	32.8	30	73.18%	Adequate	0	48
Calvert	25	2,456,795	24.2	5	76.72%	Adequate	0	1
Caroline	10	877,773	22.5	3	71.66%	Adequate	0	7
Carroll	40	4,176,741	31.3	8	72.10%	Adequate	0	27
Cecil	29	2,242,569	30.0	6	75.85%	Adequate	0	7
Charles	39	4,233,893	28.6	8	75.92%	Adequate	0	7
Dorchester	14	970,840	30.3	3	70.54%	Adequate	0	7
Frederick	68	6,811,025	27.2	13	78.19%	Adequate	0	28
Garrett	13	741,671	34.0	3	71.70%	Adequate	0	8
Harford	52	6,054,298	30.9	10	76.41%	Adequate	0	16
Howard	76	8,250,880	20.6	15	77.11%	Adequate	0	27
Kent	5	440,226	43.8	3	69.47%	Not Adequate	0	5
Montgomery	210	25,147,251	25.1	37	73.66%	Adequate	0	65
Prince George's	197	18,652,099	39.0	36	66.12%	Not Adequate	2	217
Queen Anne's	14	1,302,658	21.0	3	67.28%	Not Adequate	0	14
St. Mary's	27	2,300,101	25.6	5	73.94%	Adequate	0	8
Somerset	10	671,356	21.3	3	68.14%	Not Adequate	0	14
Talbot	8	700,971	17.1	3	70.83%	Adequate	0	10
Washington	46	3,476,622	34.8	9	73.25%	Adequate	0	16
Wicomico	24	2,244,318	29.4	4	78.83%	Adequate	0	1
Worcester	14	1,285,852	26.6	3	73.17%	Adequate	0	7

SUPERIOR	90% - 100%
GOOD	80% - 89%
ADEQUATE	70% - 79%
NOT ADEQUATE	60% - 69%
POOR	0% - 59%

Updated 7/1/2022

II. The Assessment: Fiscal Year 2022

B. Overview of FY 2022 Assessment Results

- Of the four major deficiencies, two were in the playgrounds category, one pertained to windows, and one concerned electrical distribution. All four deficiencies related to life/safety issues, such as damaged play equipment that could injure users and unsafe conditions in student-occupied areas. No deficiencies that posed a threat to the condition of other building systems and to the longevity of buildings were left unremediated.
- Of the minor deficiencies assessed, 35.9% pertained to Building Equipment & Systems; 31.7% pertained to Site; 23.2% pertained to Building Interior; and 8.5% pertained to Building Exterior. Less than 1% pertained to Maintenance Management, in large part because issues arising in that area generally are most appropriately addressed through the category rating rather than through a deficiency.

Table 3: Major and Minor Deficiencies by Category

	Category	# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	80
	Grounds	0	40
	Positive Site Drainage Away from Structure(s)	0	11
	Playgrounds, Equipment, & Fields	2	55
	Relocatables & Additional Structures	0	31
	Site Subtotals	2	217
Building Exterior	Exterior Structure & Finishes	0	19
	Roof Drains, Gutters, & Downspouts	0	6
	Windows, Caulking, & Skylights	1	6
	Entryways & Exterior Doors	0	21
	Roofs, Flashing, and Gravel Stops	0	6
	Building Exterior Subtotals	1	58
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	30
	Floors	0	18
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	25
	Ceilings	0	27
	Interior Lighting	0	59
	Building Interior Subtotals	0	159
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	37
	Electrical Distribution & Service Equipment	1	49
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	40
	Plumbing Fixtures and Equipment	0	30
	Fire and Safety Systems & Utility Controls	0	80
	Conveyances	0	10
	Building Equipment & Systems Subtotals	1	246
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	5
	Custodial Scope of Work (SoW)	0	0
	Maintenance Management Subtotals	0	5
	Total	4	685

II. The Assessment: Fiscal Year 2022

B. Overview of FY 2022 Assessment Results

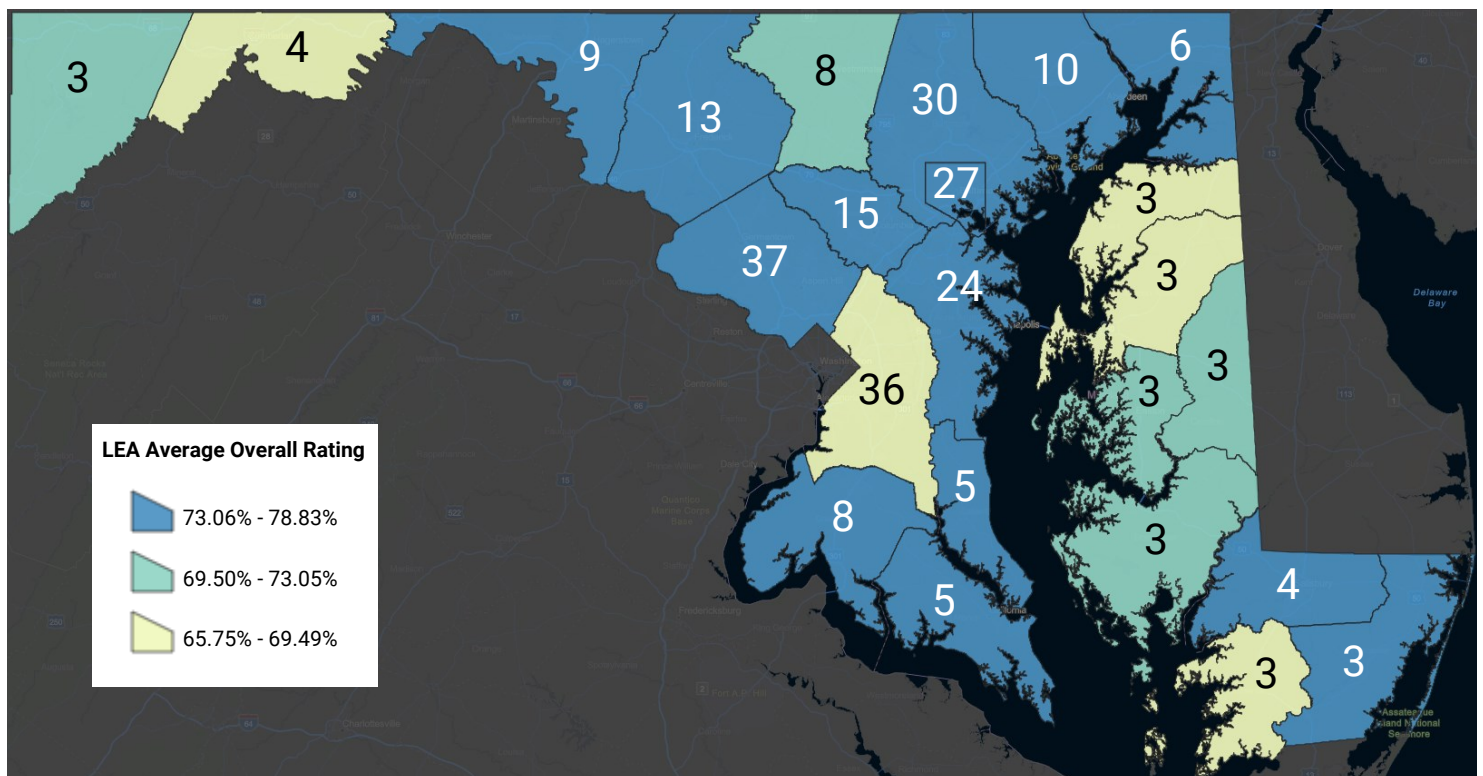
The specific ratings of facilities assessed in each school district are shown on the FY 2022 Results: Summary of School Ratings pages in the district-by-district overview section starting on page 25. Of the 265 school facilities rated in FY 2022,

- 0 facilities (0.%) were rated Superior;
- 22 facilities (8.3%) were rated Good;
- 189 facilities (71.3%) were rated Adequate;
- 52 facilities (19.6%) were rated Not Adequate; and
- 2 facilities (0.8%) were rated Poor.

The MEA is calibrated to indicate a rating of Adequate when the maintenance effectiveness supports achieving the full expected lifespan of the facility. A rating of Not Adequate or Poor indicates that, if the level of maintenance being provided at these facilities in FY 2022 is continued over a longer period of time, the facility will not achieve the full expected lifespans of the building systems and will begin to incur increased maintenance costs as the systems' conditions decline prematurely.

Figure 1. Number of Assessments and Average Overall Rating by LEA

As a result of these facility-level scores, nineteen LEAs received overall ratings of Adequate, fourteen of which (in blue) are above the Statewide average and five of which (in green) are below. Five LEAs (in pale yellow) received overall ratings of Not Adequate.



II. The Assessment: Fiscal Year 2022

B. Overview of FY 2022 Assessment Results

Fiscal Year 2022: Statewide Summary

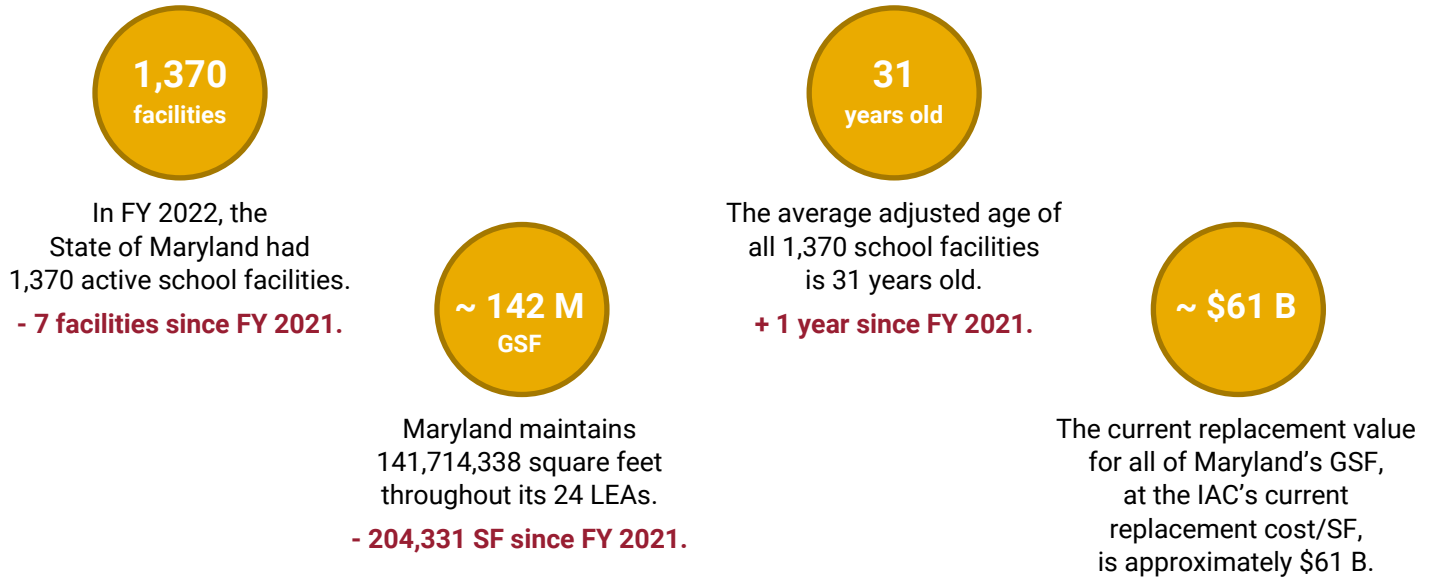
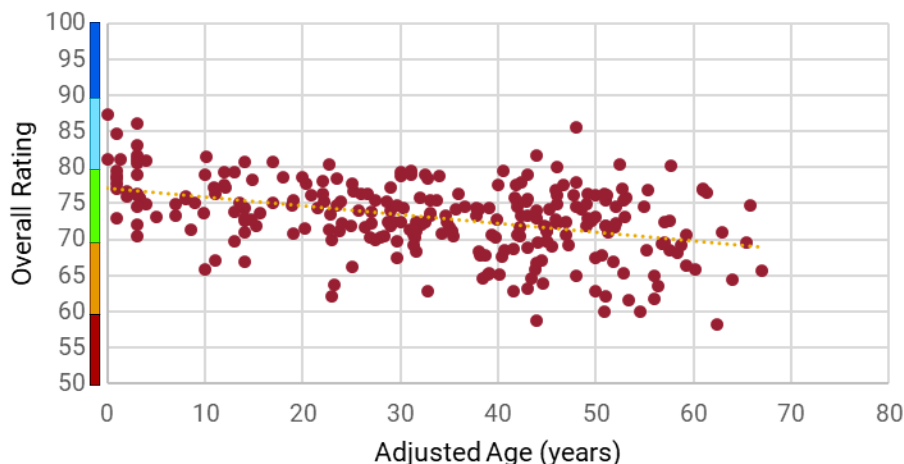


Figure 2: Overall Rating vs. Adjusted Age

The scatterplot below shows that, in general, the overall rating for a facility decreases as the adjusted age of the square footage increases. However, there is significant variation (as much as 20 to 30 percentage points) within each adjusted age range. As facilities and assets age, problems are more likely to arise. This requires LEAs to invest more time, money and staff resources to continue to keep their buildings running effectively and efficiently. As shown in the data, on average, aging facilities are less effectively maintained, which suggests that LEAs are under-resourcing their older facilities. Despite these challenges, it is the LEAs' responsibility to ensure all students and staff have an adequately maintained learning environment no matter the age of the facility. Creating and implementing a comprehensive PM plan and using a CMMS effectively will help with the TCO as the facility and its assets age. This approach will also guide the LEAs in properly maintaining all of their facilities, ensuring that the critical components reach or exceed their expected useful life, and allocate resources appropriately while remaining fiscally responsible.

Overall Rating vs. Adjusted Age



II. The Assessment: Fiscal Year 2022

B. Overview of FY 2022 Assessment Results

The following chart shows by building-system category the percentage of assessed school facilities that achieved passing ratings of Adequate or better and the percentage that achieved failing ratings of Not Adequate or Poor. Facilities are also counted as failing in a given category when the LEA achieved a rating of Adequate or higher but failed to remediate a minor or major deficiency that had been assessed in that category.

FY22 Passing vs Failing Rating per Category

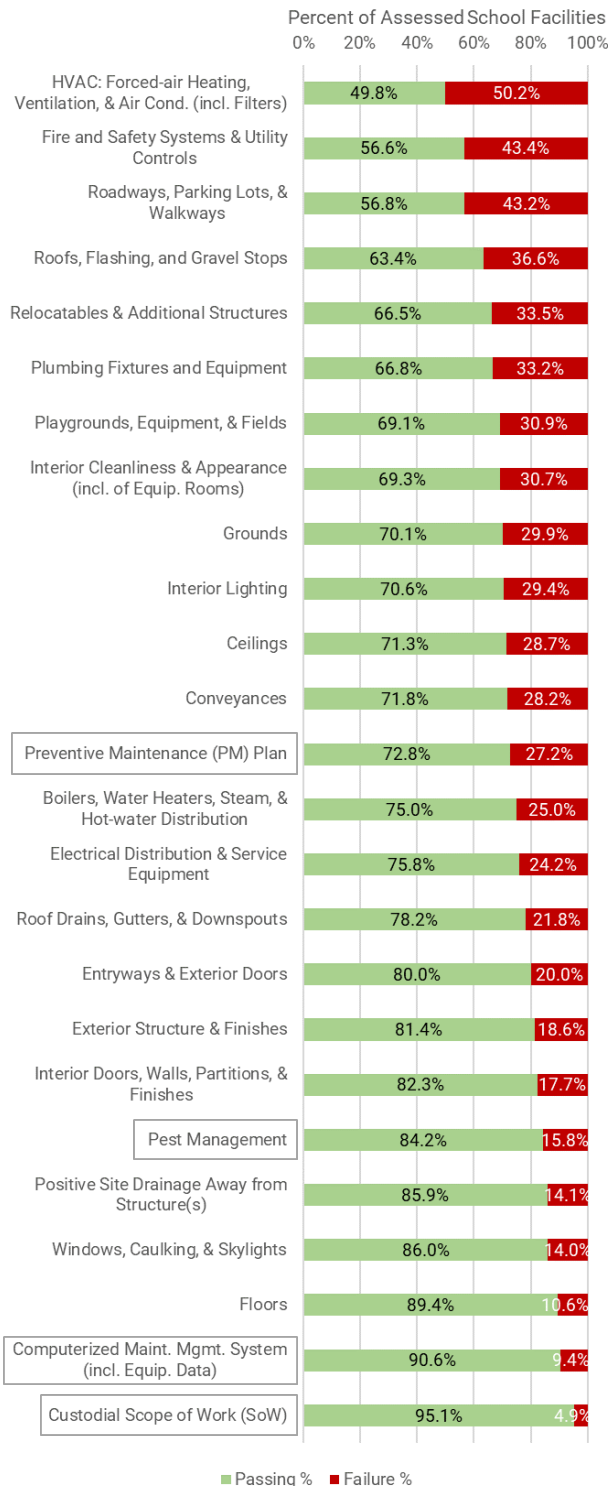


Figure 3: FY 2022 Passing vs. Failing Rating per Category

Across the body of 265 school facilities assessed, 34.5% of the building-system categories received a failing rating. This result shows that, within the facilities assessed during FY 2022, a third of all building systems were not being maintained at a level likely to support achieving their full expected lifespans. In addition, there was an average of 2.6 deficiencies per facility assessed.

Strengths

- ◆ **Boilers:** Every LEA had at least one facility earn a passing rating for Boilers, Water Heaters, Steam, & Hot-water Distribution. Of the 198 school facilities that received a passing rating, 17 facilities were Superior. This area was only one of two building categories to not have any facilities earn a Poor rating; the only other building category to do so was Roadways, Parking Lots, & Walkways.
- ◆ **Floors:** The floors were the most consistently maintained area again this FY. Most LEAs either did not receive any deficiencies in this area or remediated them within the required 45-day period, and 15 LEAs received a passing rating for every facility assessed.
- ◆ **Roadways:** The number of school facilities with minor deficiencies decreased by 33 and the percent of passing ratings increased by 2.7%. Even though this category is tied with Fire and Safety Systems & Utility Controls for most minor deficiencies, the impact on the delivery of educational programs or services, or the expected life span of the facility is much less than most other categories. The fact that so many deficiencies remain in this category are likely due to LEAs prioritizing their resources and finances in other areas that are more beneficial to the students, staff and facilities.

II. The Assessment: Fiscal Year 2022

B. Overview of FY 2022 Assessment Results

Weaknesses

- ◆ **Fire/Safety:** The percent of failing ratings in Fire and Safety Systems & Utility Controls increased by 15% since last FY. The number of deficiencies also increased, with 80 school facilities with minor deficiencies. This was tied with Roadways, Parking Lots, & Walkways for most deficiencies.
- ◆ **HVAC Systems:** The number of school facilities with minor deficiencies decreased from 72 last FY to 37 this FY, but the percent of failing ratings for HVAC systems increased by 14% with just over half of all facilities assessed this FY receiving a failing rating. Only two LEAs, Somerset and Talbot, earned a passing rating for every facility assessed in their district.
- ◆ **Roofs:** Last FY, there were 40 school facilities with deficiencies in Roofs, Flashing, and Gravel Stops, contributing to 26.9% failing ratings. This FY, there are only six facilities with minor deficiencies in this category, one of only seven categories that had less than 10 facilities with deficiencies; however, despite the low number of facilities with deficiencies, the percent of failing ratings increased by 9.7%.
- ◆ **CMMS Usage:** While every LEA has implemented some type of CMMS to enter and track work orders, most LEAs are not using the full functionality of the system to auto-populate PM work orders or track the repairs, maintenance, and costs of specific essential assets or contractual work. An effective CMMS is a useful tool to improve the management of facilities, including streamlining processes, increased resource accountability, and data transparency.

ALLEGANY COUNTY

Total School Facilities Assessed in FY 2022: 4



Fiscal Year 2022: Key Facts

22
facilities

Allegany County has 22 active school facilities.
No change since FY 2021.

35.3
years old

The average adjusted age of all 22 school facilities is 35.3 years old.
+ 1 year since FY 2021.

> 1.7 M
GSF

Allegany County maintains 1,749,398 SF throughout its 22 school facilities. It has the 16th greatest amount of SF of LEAs in MD.

No change since FY 2021.

> \$0.7 B

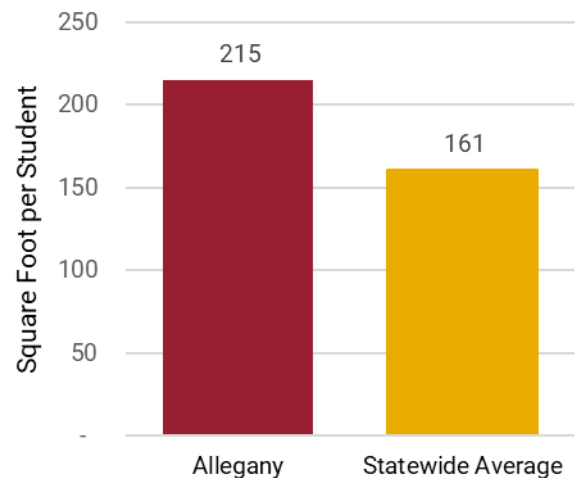
The current replacement value for Allegany County's GSF, at the IAC's current replacement cost/SF, is greater than \$0.7 B.

65.75% (Not Adequate) = Average Overall Rating for FY 2022
- 6.42% since FY 21

FY 2022 Overall Rating Results by School Type

	Elementary	Middle	High	
Superior				
Good				
Adequate	1			1
Not Adequate	2			2
Poor	1			1
Totals	4			4

Average Square Foot per Student



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Beall Elementary (01.002)	Elementary	57,290	45	Adequate	0	2	14	7	0	0	3
2. John Humbird Elementary (01.004)	Elementary	42,451	44	Not Adequate	0	0	16	8	0	0	6
3. Flintstone Elementary (01.020)	Elementary	68,108	44	Poor	0	0	10	13	0	0	12
4. South Penn Elementary (01.021)	Elementary	67,802	42	Not Adequate	0	1	19	5	0	0	5
Totals					0	3	59	33	0	0	26
Percentage of Total Ratings for System					0%	3%	62%	35%	0%		

FY22 Passing vs Failing Rating per Category



Strengths



At the two facilities with conveyance systems, the DLLR certificates were up to date. One facility earned a Good rating for Conveyances.

All four facilities' roofs were 20 or more years old. All four facilities still earned a passing rating for Roofs, Flashing, and Gravel Stops despite the extra effort needed to adequately maintain aging roofs.



All four facilities received an Adequate rating for Interior Doors, Walls, Partitions, & Finishes. No extensive or major issues were observed.

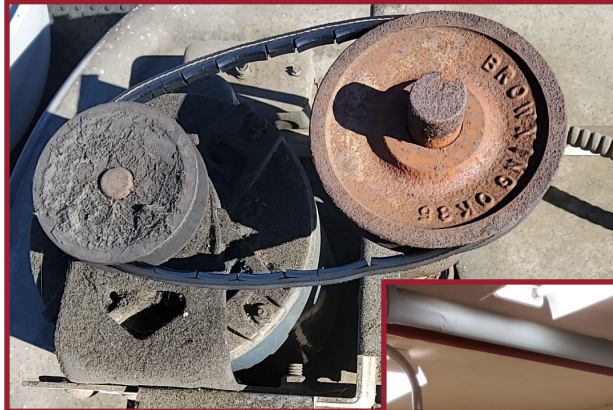


All four facilities received an Adequate rating for Roof Drains, Gutters, & Downspouts. No issues were identified that would require extensive upgrades or repairs.



Weaknesses

Exhaust fans were observed not working at all four facilities. Two facilities were identified with damaged drive belts. All four facilities had issues with filters, such as them being dirty, damaged, or installed backwards.



Items were found obstructing electrical panels or mechanical equipment at all four facilities. Three facilities received a Not Adequate rating for Interior Cleanliness & Appearance.

There are very few PM work orders in the CMMS, and there does not appear to be a PM plan in place that indicates PM activities for specific assets and their frequencies.

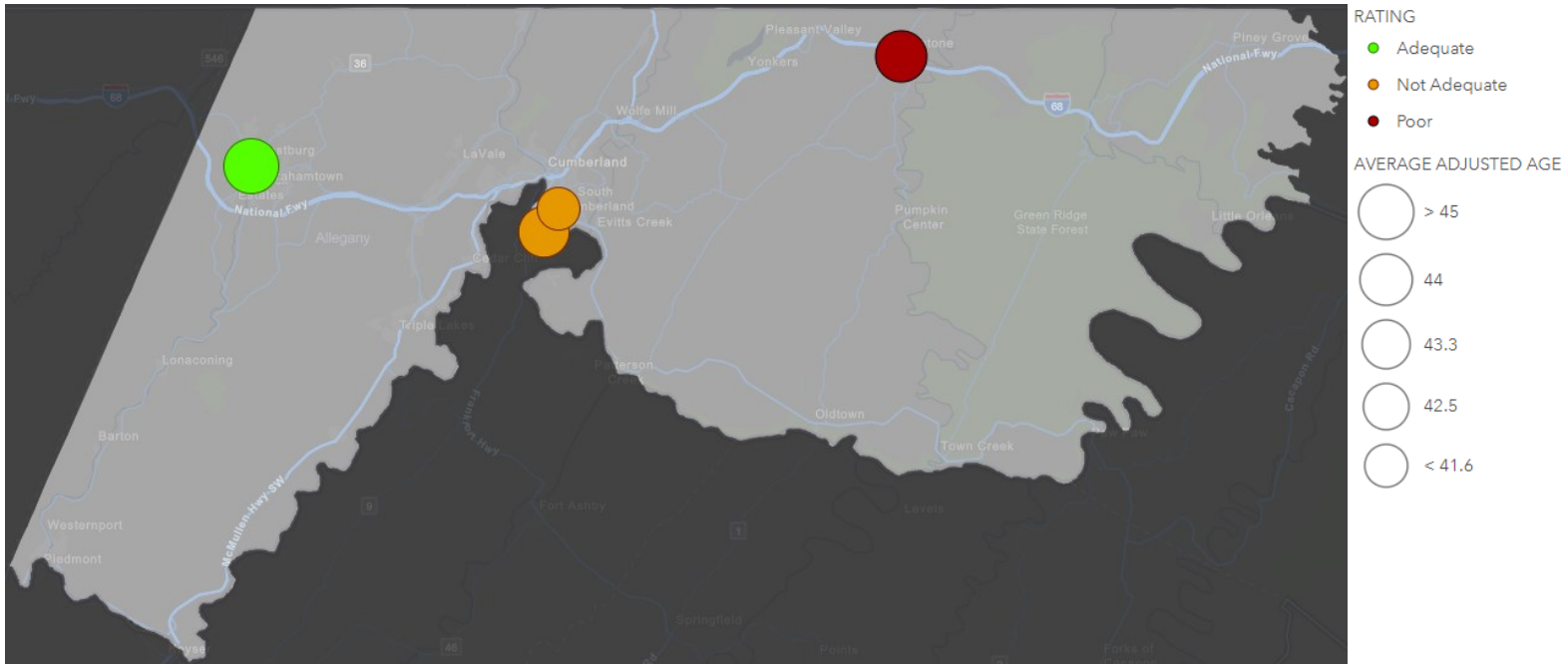


Three facilities were observed with emergency lights not working properly.

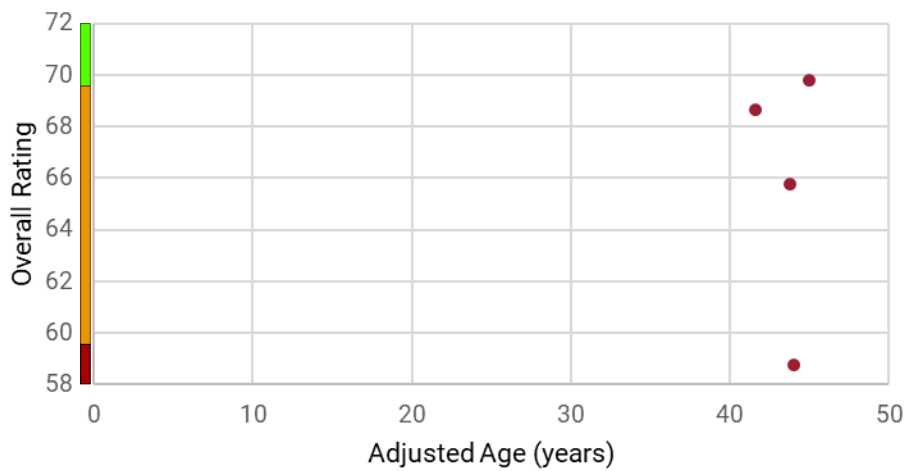
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	1
	Grounds	0	1
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	0	2
	Relocatables & Additional Structures	0	0
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	1
	Entryways & Exterior Doors	0	1
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	1
	Floors	0	2
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	2
	Ceilings	0	2
	Interior Lighting	0	3
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	0
	Electrical Distribution & Service Equipment	0	3
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	2
	Plumbing Fixtures and Equipment	0	1
	Fire and Safety Systems & Utility Controls	0	3
	Conveyances	0	1
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	26

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Wall cracks should be evaluated and crack monitors used to track crack progression.
- PM tasks identified in the CMP and the custodial checklists should have auto-populating PM work orders created in the CMMS.
- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as leaks, excessive storage blocking essential equipment or causing egress issues, and non-functional emergency lights.
- Implementing quality control procedures is recommended to ensure PM work orders are being completed effectively and the actions taken to complete the work are recorded accurately.

ANNE ARUNDEL COUNTY

Total School Facilities Assessed in FY 2022: 24

Edgewater Elementary

Fiscal Year 2022: Key Facts

121 facilities

Anne Arundel County has 121 active school facilities.
No change since FY 2021.

29.1 years old

The average adjusted age of all 121 school facilities is 29.1 years old.
+ 0.9 years since FY 2021.

> 13.8 M GSF

Anne Arundel County maintains 13,883,724 SF throughout its 121 school facilities. It has the 5th greatest amount of SF of LEAs in MD.

+ 35,728 SF since FY 2021.

~ \$6.0 B

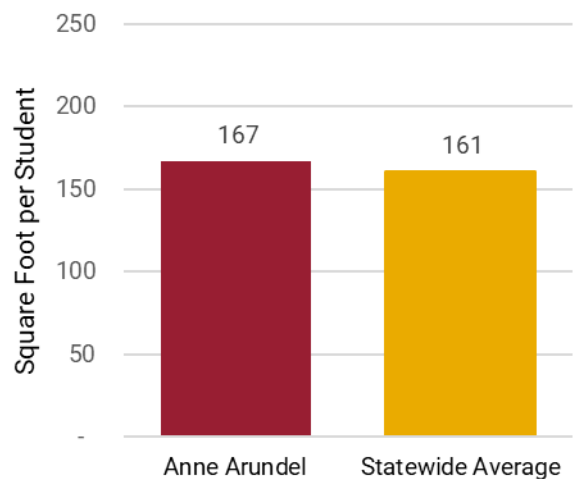
The current replacement value for Anne Arundel County's GSF, at the IAC's current replacement cost/SF, is nearly \$6.0 B.

75.33% (Adequate) = Average Overall Rating for FY 2022
- 4.48% since FY 21

FY 2022 Overall Rating Results by School Type

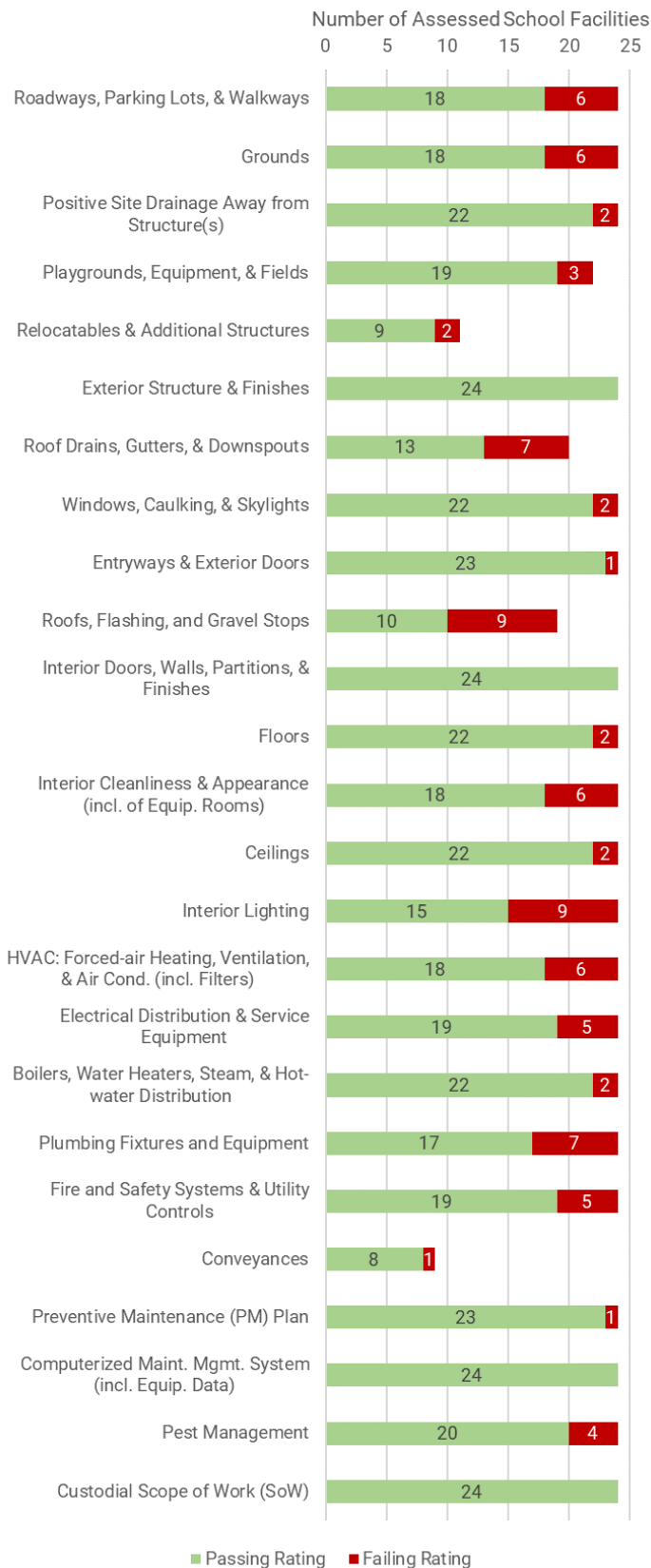
	Elementary	Middle	High	
Superior				
Good	3			3
Adequate	12	7	1	20
Not Adequate			1	1
Poor				
Totals	15	7	2	24

Average Square Foot per Student



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Old Mill Middle North (02.001)	Middle	159,635	47	Adequate	0	2	14	4	0	0	2
2. Old Mill High (02.002)	High	283,194	47	Adequate	1	3	17	4	0	0	3
3. Linthicum Elementary (02.008)	Elementary	81,718	27	Adequate	0	8	14	2	0	0	0
4. Chesapeake Bay Middle (02.009)	Middle	343,446	35	Adequate	0	6	17	1	0	0	4
5. High Point Elementary (02.015)	Elementary	98,681	3	Good	2	16	7	0	0	0	0
6. Jessup Elementary (02.016)	Elementary	98,879	3	Good	1	15	6	2	0	0	0
7. Edgewater Elementary (02.033)	Elementary	89,634	0	Good	2	14	5	1	0	0	0
8. Crofton Middle (02.038)	Middle	131,789	33	Adequate	0	4	17	2	1	0	3
9. Arundel High (02.040)	High	292,177	32	Not Adequate	0	2	13	10	0	0	5
10. Odenton Elementary (02.048)	Elementary	89,287	26	Adequate	0	6	14	2	0	0	3
11. Mills-Parole Elementary (02.058)	Elementary	89,767	7	Adequate	0	1	17	5	0	0	0
12. Annapolis Middle (02.061)	Middle	216,000	57	Adequate	0	4	15	5	0	0	3
13. Tyler Heights Elementary (02.069)	Elementary	84,813	1	Adequate	0	7	16	0	0	0	0
14. Manor View Elementary (02.074)	Elementary	71,576	3	Adequate	0	11	11	1	0	0	0
15. Quarterfield Elementary (02.078)	Elementary	45,885	52	Adequate	0	9	13	2	0	0	2
16. Freetown Elementary (02.080)	Elementary	82,460	13	Adequate	2	8	13	1	0	0	0
17. MacArthur Middle (02.087)	Middle	211,620	55	Adequate	2	6	13	2	0	0	4
18. Severn River Middle (02.096)	Middle	170,000	35	Adequate	0	0	16	7	0	0	3
19. Riviera Beach Elementary (02.097)	Elementary	57,867	45	Adequate	0	0	22	1	0	0	0
20. Lake Shore Elementary (02.103)	Elementary	63,422	12	Adequate	1	11	9	1	1	0	1
21. Oakwood Elementary (02.109)	Elementary	55,674	52	Adequate	0	3	13	6	0	0	1
22. Southgate Elementary (02.114)	Elementary	87,165	11	Adequate	2	7	11	3	0	0	2
23. Central Elementary (02.117)	Elementary	83,381	31	Adequate	1	9	13	1	0	0	0
24. Old Mill Middle South (02.133)	Middle	159,635	46	Adequate	0	5	18	1	0	0	1
Totals					14	157	324	64	2	0	37
Percentage of Total Ratings for System					2%	28%	58%	11%	0%		

FY22 Passing vs Failing Rating per Category



Strengths

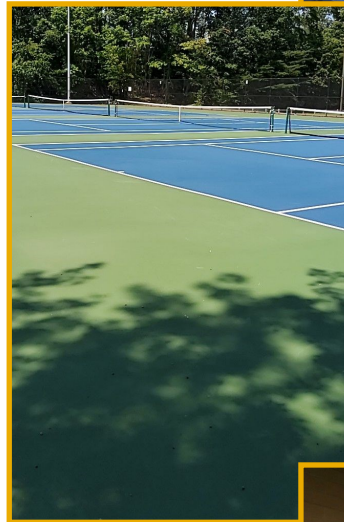


The interior doors, walls, partitions, and finishes appeared well kept. Eight facilities earned a Good rating in that category.

All boiler and water heater DLLR certificates were current. The PM plan identifies boilers and water heaters for annual PM.



The PM plan identifies some essential and non-essential assets, such as annual bleacher inspections, monthly turf field inspections, and bi-annual tennis court inspections. Some PM work orders are auto-populated in the CMMS.



The exterior structure and finishes appeared to be maintained well. Eight facilities earned a Good rating in that category.



Weaknesses

Plumbing fixtures were observed with leaks or potential leaks at 14 facilities.

Toilets and/or toilet seats were not secured properly at eight facilities.

Seven facilities received a Not Adequate rating for Plumbing Fixtures and Equipment.

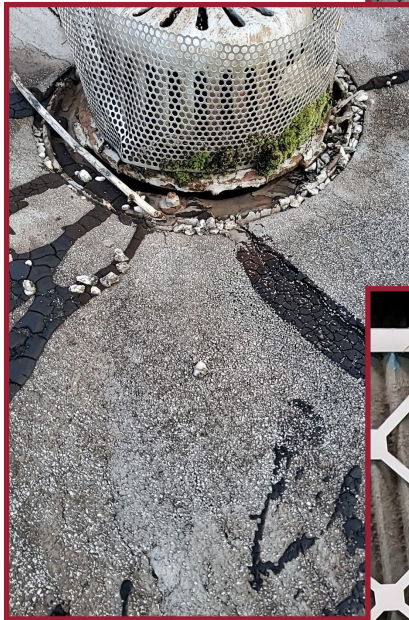


15 facilities had debris or growing vegetation on their roofs. Cracked or deteriorating roofing sealants were observed at a majority of facilities. Eight facilities received a Not Adequate rating for Roofs, Flashing, and Gravel Stops.



Roof drains and/or roof drain strainers were observed with vegetation or accumulated debris or roof gravel at 16 facilities.

Six facilities received a Not Adequate rating for Roof Drains, Gutters, & Downspouts.

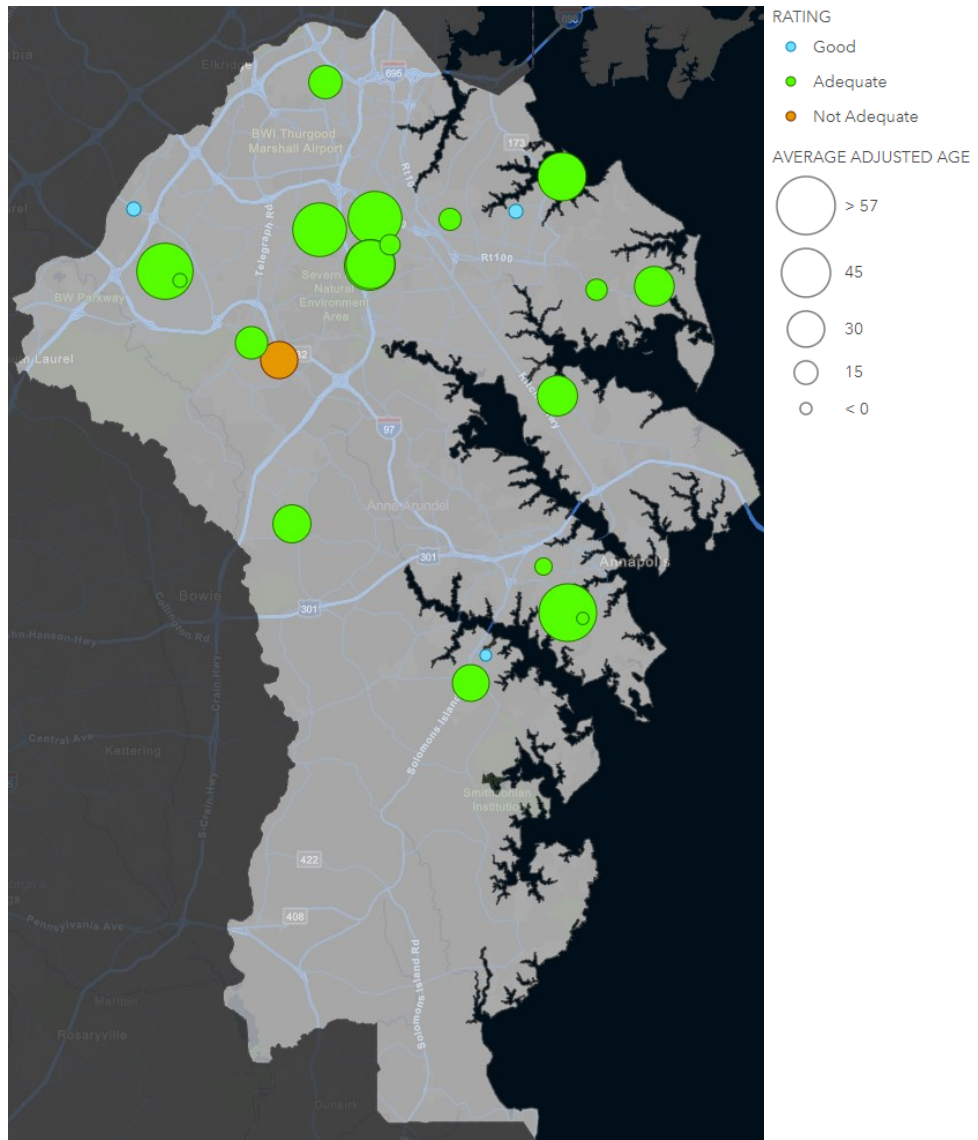


Dirty HVAC filters were observed at 14 facilities. Some filters were also missing, installed improperly, collapsed, or sucked into the HVAC unit.

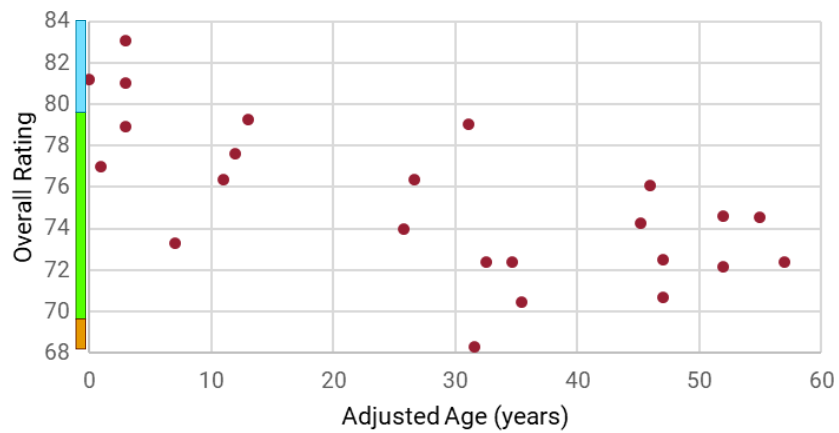
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	4
	Grounds	0	2
	Positive Site Drainage Away from Structure(s)	0	1
	Playgrounds, Equipment, & Fields	0	1
	Relocatables & Additional Structures	0	1
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	1
	Entryways & Exterior Doors	0	0
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	0
	Floors	0	1
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	3
	Ceilings	0	1
	Interior Lighting	0	9
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	1
	Electrical Distribution & Service Equipment	0	5
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	2
	Plumbing Fixtures and Equipment	0	1
	Fire and Safety Systems & Utility Controls	0	3
	Conveyances	0	1
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	37

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Additional PM checks are recommended to ensure the HVAC systems receive the necessary amount of PM work to remain functional and efficient.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted.
- All PM tasks identified in the PM plan and the custodial checklists should have auto-populating PM work orders created in the CMMS.
- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as plumbing leaks and HVAC issues.

BALTIMORE CITY

Total School Facilities Assessed in FY 2022: 27



Arundel PK-2

Fiscal Year 2022: Key Facts

141 facilities

Baltimore City has 141 active school facilities.
- 8 facilities since FY 2021.

37.0 years old

The average adjusted age of all 141 school facilities is 37.0 years old.

No change since FY 2021.

> 16.2 M GSF

Baltimore City maintains 16,251,586 SF throughout its 141 school facilities. It has the 4th greatest amount of SF of LEAs in MD.

- 633,834 SF since FY 2021.

~ \$7.0 B

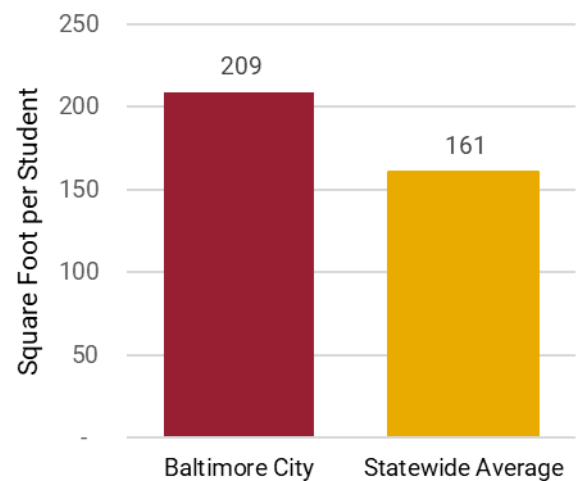
The current replacement value for Baltimore City's GSF, at the IAC's current replacement cost/SF, is approximately \$7.0 B.

73.94% (Adequate) = Average Overall Rating for FY 2022
+ 4.79% since FY 21

FY 2022 Overall Rating Results by School Type

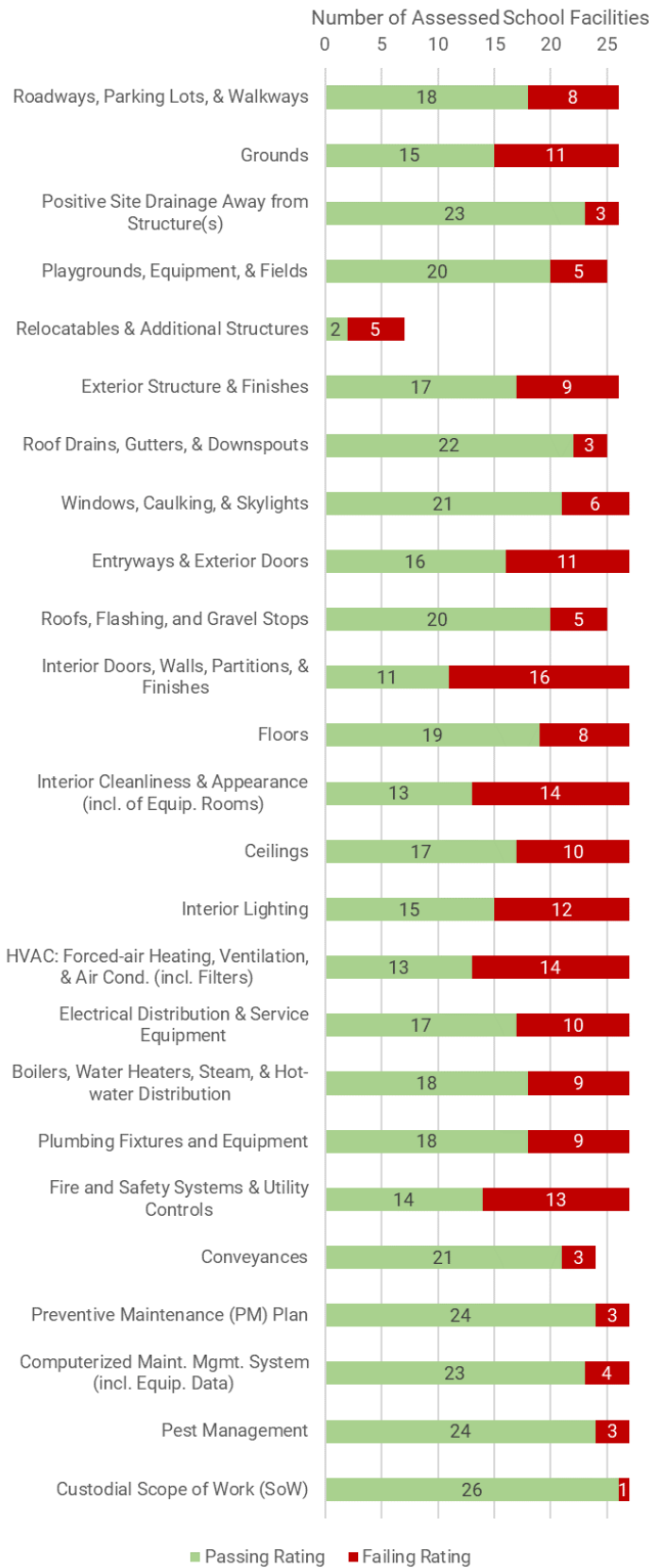
	Elementary	PreK-8	Middle	Middle/High	High	
Superior						
Good	4	1		1		6
Adequate	4	5	2	1	3	15
Not Adequate		1		1	4	6
Poor						
Totals	8	7	2	3	7	27

Average Square Foot per Student



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)						Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor	
1. Walter P. Carter PK-8 # 134 (30.064)	PreK-8	149,750	1	Adequate	1	9	12	3	0	0	4	
2. Govans Elementary # 213 (30.076)	Elementary	88,380	0	Good	11	8	4	1	0	0	1	
3. Arlington PK-8 # 234 (30.094)	Elementary	102,300	3	Adequate	3	6	11	4	0	0	1	
4. Benjamin Franklin Building # 239 (30.099)	High	98,846	31	Adequate	0	1	15	6	0	0	2	
5. Paul Laurence Dunbar High # 414 (30.128)	High	307,112	28	Adequate	0	3	10	10	1	0	1	
6. Robert W. Coleman Elementary # 142 (30.140)	Elementary	50,973	1	Good	7	6	10	1	0	0	0	
7. Maree G. Farring PK-8 # 203 (30.159)	PreK-8	46,025	42	Adequate	1	7	9	8	0	0	1	
8. Robert Poole Building #056 (30.165)	Middle/High	135,896	3	Good	8	10	7	0	0	0	0	
9. Booker T. Washington Building # 130 (30.168)	Middle/High	211,992	39	Not Adequate	1	0	12	11	0	0	3	
10. Northern Building #402 (30.174)	High	344,057	55	Not Adequate	1	2	4	11	7	1	10	
11. Bay Brook PK-8 # 124A (30.175)	PreK-8	118,138	1	Adequate	4	6	11	3	0	0	3	
12. Westside Skill Center (CTE) # 400B (30.180)	High	219,525	39	Not Adequate	2	3	9	7	3	0	9	
13. Calverton PK-8 # 075 (30.184)	PreK-8	122,525	1	Good	6	7	7	4	0	0	1	
14. Hazelwood K-8 # 210 (30.189)	PreK-8	65,977	60	Not Adequate	0	0	6	17	0	0	2	
15. Coldstream Park PK-8 # 031 (30.198)	Middle	82,600	51	Adequate	0	3	15	4	1	0	4	
16. Mary E. Rodman Elementary # 204 (30.201)	Elementary	81,488	1	Adequate	5	8	10	1	0	0	3	
17. City Springs PK-8 # 008 (30.202)	PreK-8	80,310	53	Adequate	2	1	11	5	0	0	1	
18. Dr. Bernard E. Harris Sr. Elementary # 250 (30.204)	Elementary	84,636	50	Adequate	2	5	12	2	2	1	4	
19. Yorkwood Elementary # 219 (30.205)	Elementary	71,861	63	Adequate	0	5	10	7	1	0	2	
20. Chinquapin Building # 046 (30.206)	Middle/High	176,407	65	Adequate	0	1	19	5	0	0	4	
21. Lake Clifton Park Building # 456 (formerly Fairmount Harford (30.219)	High	181,922	3	Adequate	1	10	9	4	0	0	6	
22. Graceland Park/O'Donnell Heights PK-8 # 240 (30.222)	PreK-8	94,070	2	Adequate	4	9	8	3	0	0	3	
23. Southside Building # 181 (formerly #180 Dr. Arnett J. Brown) (30.228)	High	164,490	64	Not Adequate	0	2	12	7	3	0	8	
24. Arundel PK-2 # 164 (30.239)	Elementary	113,647	3	Good	3	11	10	0	0	0	1	
25. Edmondson High School Building # 400A (30.246)	High	213,041	59	Not Adequate	0	2	12	9	2	0	7	
26. James Mosher Elementary # 144 (30.252)	Elementary	75,611	1	Good	2	12	9	1	0	0	1	
27. Thomas G. Hayes Building #102 (30.275)	Middle	88,634	61	Adequate	1	4	14	3	1	0	0	
Totals					65	141	278	137	21	2	82	
Percentage of Total Ratings for System					10%	22%	43%	21%	3%			

FY22 Passing vs Failing Rating per Category



Strengths



No issues or concerns were identified with the roofs at five facilities. 20 facilities received a passing rating for Roofs, Flashing, and Gravel Stops.

The conveyance systems at most facilities appeared to have current DLLR certifications and were included in the PM schedule and PM work order history.



20 facilities received a passing rating for Playgrounds, Equipment, & Fields. Of those facilities, eight had no visible issues or problems. Playground inspections are included in the grounds assessment.

The roof drains were observed clean and free of debris at 13 facilities. 22 facilities received a passing rating for Roof Drains, Gutters, & Downspouts.



Weaknesses

Exhaust fans were observed inoperable or not functioning properly at 10 facilities. The HVAC filters and/or coils were noted as dirty at 17 facilities. One facility earned a Poor rating and 11 facilities received a Not Adequate rating for HVAC.



Cracks were observed on the interior walls at 11 facilities. An additional 15 facilities did not have cracks in their walls, but were observed with damage, including walls with water damage, holes, marks, and/or discoloration. Three facilities earned a Poor rating and 11 facilities received a Not Adequate rating for Interior Doors, Walls, Partitions, & Finishes.



Unorganized storage and/or unsafe storage practices were observed at 19 facilities, most of which were noted as blocking mechanical equipment or egress. One facility earned a Poor rating and 12 received a Not Adequate rating for Interior Cleanliness & Appearance (incl. Equip Rooms).



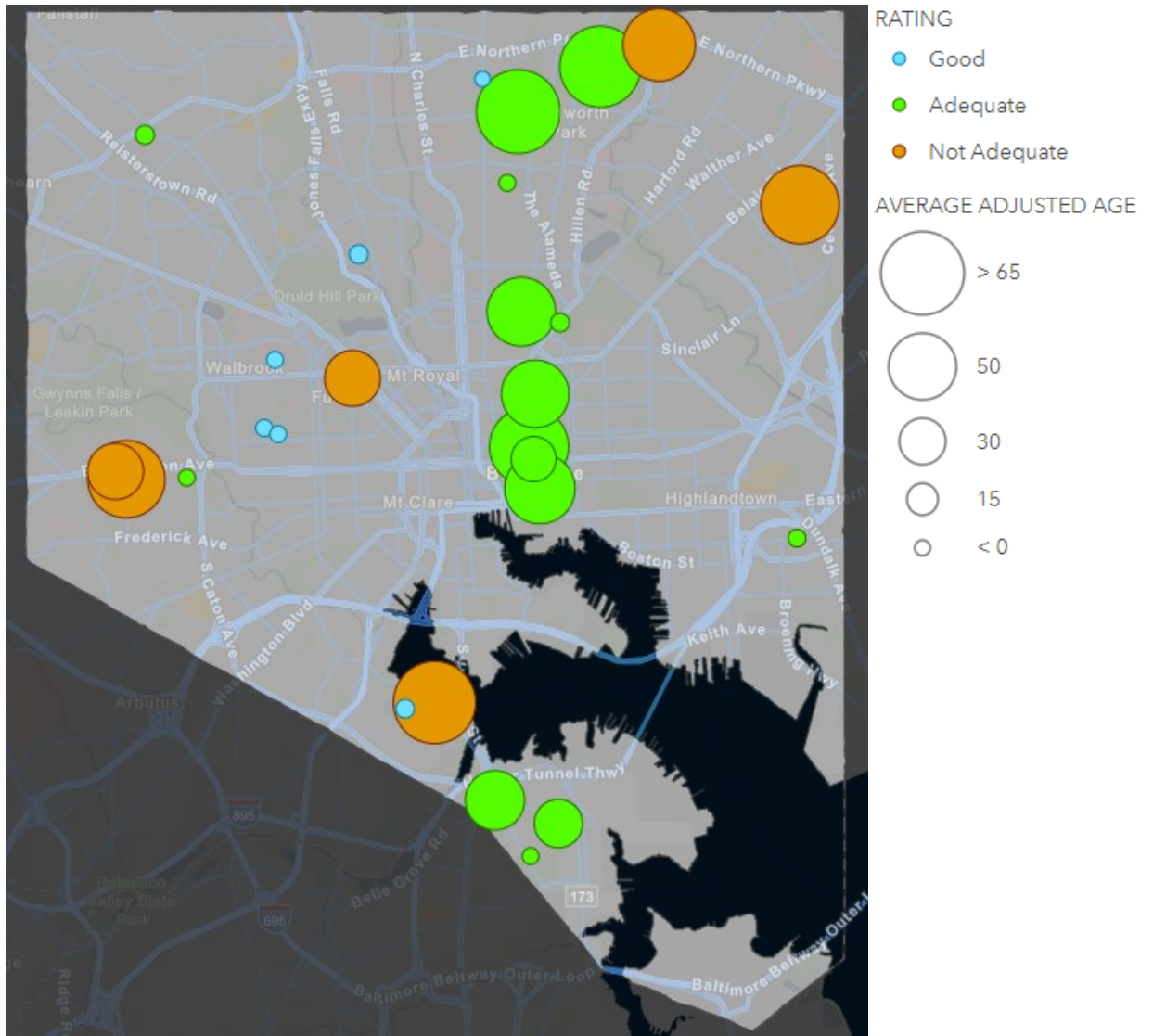
Ceilings are included in the blitz maintenance assessment. However, every facility was observed with at least minor ceiling issues. 19 facilities had stained ceiling tiles. Six facilities were observed with a mold-like substance on their ceilings.



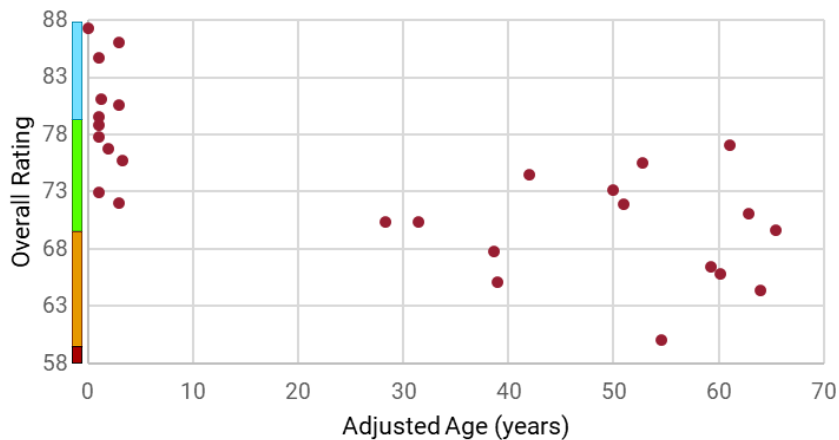
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	7
	Grounds	0	5
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	1	4
	Relocatables & Additional Structures	0	1
Building Exterior	Exterior Structure & Finishes	0	5
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	1	0
	Entryways & Exterior Doors	0	7
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	9
	Floors	0	5
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	3
	Ceilings	0	4
	Interior Lighting	0	8
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	4
	Electrical Distribution & Service Equipment	0	8
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	4
	Plumbing Fixtures and Equipment	0	1
	Fire and Safety Systems & Utility Controls	0	7
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		2	82

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Interior ceilings should be regularly inspected for damage and early identification of leaks. Ceiling tiles that are stained or damaged should be replaced after the root cause of the damage is corrected. The CMMS and corrective work orders could help to identify recurring problems in specific areas.
- Crack monitors should be considered for tracking the growth and further expansion of wall cracks.
- A minimum of 36" clearance is required in front of all electrical equipment, including controls and panels. Additional training may be necessary on safe storage practices and/or using bright-colored floor markings to indicate where storage is prohibited.
- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as plumbing and roof leaks and exhaust fan issues.
- The blitz assessment Baltimore City Public Schools (BCPSS) conducts to perform PM work encompasses multiple assets and PM work under one PM work order. PM work orders should generate automatically in the CMMS for each asset tag rather than for a group of asset tags so PM and follow-up corrective work orders can be more easily tracked for individual equipment.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted.

BALTIMORE COUNTY

Total School Facilities Assessed in FY 2022: 30



Honeygo Elementary

Fiscal Year 2022: Key Facts



Baltimore County has 165 active school facilities.
No change since FY 2021.



The average adjusted age of all 165 school facilities is 32.8 years old.
+ 0.8 years since FY 2021.



Baltimore County maintains 16,791,691 SF throughout its 165 school facilities. It has the 3rd greatest amount of SF of LEAs in MD.

- 54,502 SF since FY 2021.



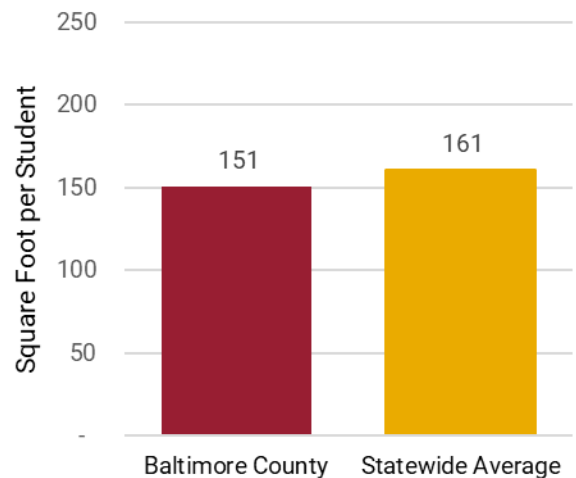
The current replacement value for Baltimore County's GSF, at the IAC's current replacement cost/SF, is greater than \$7.2 B.

73.18% (Adequate) = Average Overall Rating for FY 2022
+ 0.33% since FY 21

FY 2022 Overall Rating Results by School Type

	Elementary	Middle	High	
Superior				
Good				
Adequate	22	4	2	28
Not Adequate		1	1	2
Poor				
Totals	22	5	3	30

Average Square Foot per Student

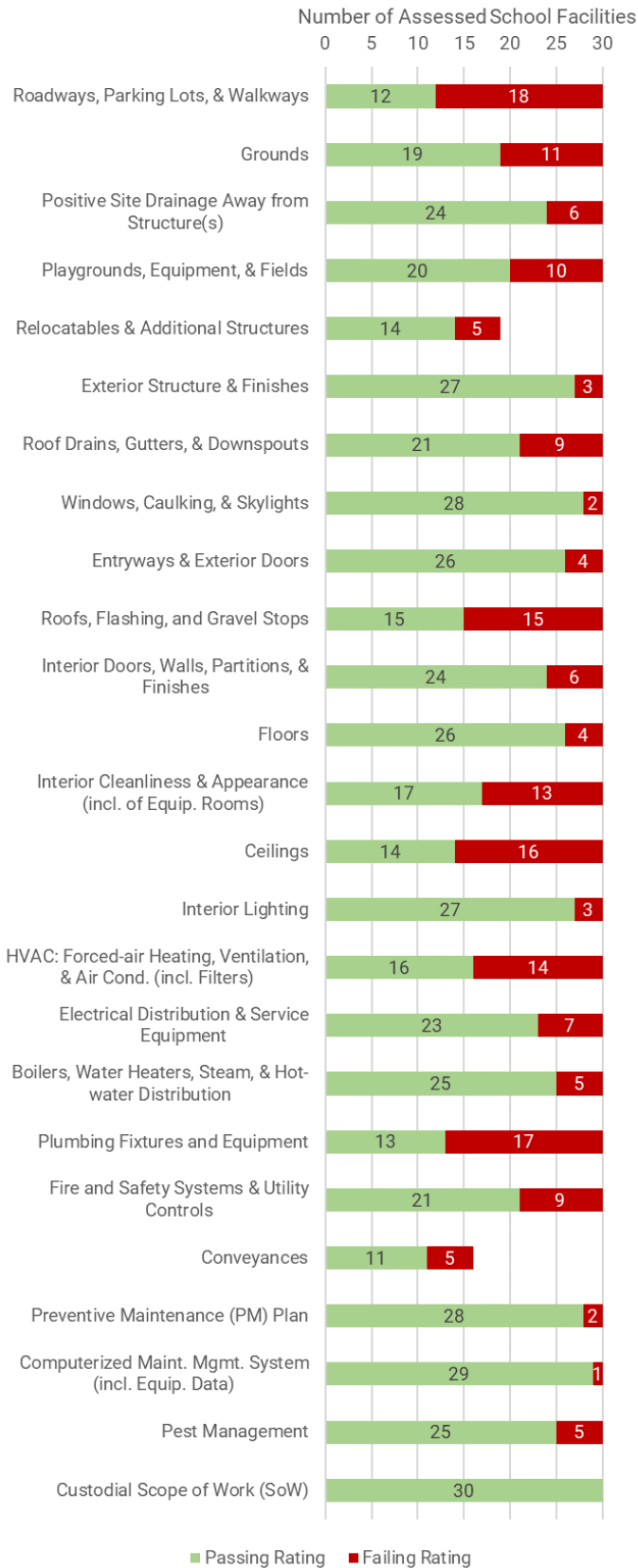


BALTIMORE COUNTY

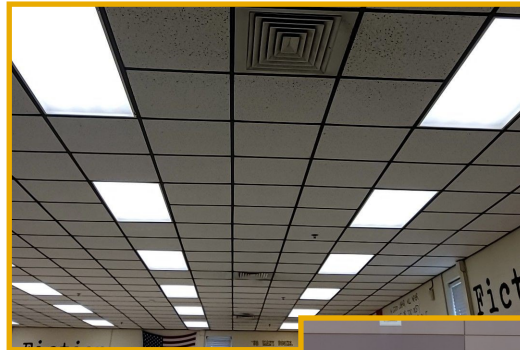
FY 2022 Results: Summary of School Ratings

School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Pine Grove Middle (03.001)	Middle	152,725	29	Adequate	1	1	13	9	0	0	1
2. Villa Cresta Elementary (03.012)	Elementary	72,432	42	Adequate	0	2	14	7	1	0	0
3. Mars Estates Elementary (03.020)	Elementary	64,840	40	Adequate	1	2	18	3	0	0	3
4. Stoneleigh Elementary (03.022)	Elementary	86,387	10	Adequate	0	1	21	1	2	0	0
5. Randallstown High (03.032)	High	218,135	50	Not Adequate	0	1	12	11	0	0	3
6. Sandalwood Elementary (03.034)	Elementary	76,950	50	Adequate	0	3	14	6	0	0	2
7. Stemmers Run Middle (03.038)	Middle	159,017	43	Not Adequate	0	4	10	10	0	0	8
8. Rodgers Forge Elementary (03.042)	Elementary	68,575	42	Adequate	0	2	15	8	0	0	3
9. Victory Villa Elementary (03.057)	Elementary	97,878	4	Adequate	0	6	13	5	0	0	0
10. Padonia International Elementary (03.069)	Elementary	59,090	3	Adequate	0	7	15	2	0	0	1
11. Elmwood Elementary (03.072)	Elementary	58,195	61	Adequate	0	7	15	2	1	0	1
12. Oliver Beach Elementary (03.079)	Elementary	50,400	40	Adequate	0	12	8	3	0	0	1
13. Kingsville Elementary (03.080)	Elementary	53,920	42	Adequate	1	0	17	6	0	0	0
14. Lansdowne Middle (03.084)	Middle	120,700	33	Adequate	1	0	14	8	0	0	0
15. Milbrook Elementary (03.091)	Elementary	45,168	38	Adequate	1	5	12	6	0	0	1
16. Hereford High (03.094)	High	244,828	9	Adequate	0	5	17	2	1	0	3
17. Seven Oaks Elementary (03.096)	Elementary	56,987	30	Adequate	0	6	12	6	0	0	2
18. Johnnycake Elementary (03.103)	Elementary	63,495	57	Adequate	0	2	14	9	0	0	2
19. Lansdowne Elementary (03.105)	Elementary	96,330	3	Adequate	0	8	15	1	0	0	3
20. Parkville High (03.121)	High	281,530	32	Adequate	0	6	15	4	0	0	3
21. Deer Park Middle Magnet (03.147)	Middle	161,107	29	Adequate	0	4	12	8	1	0	0
22. Norwood Elementary (03.155)	Elementary	56,285	42	Adequate	0	8	16	0	0	0	2
23. Sandy Plains Elementary (03.157)	Elementary	88,375	38	Adequate	0	2	18	4	0	0	1
24. Sussex Elementary (03.163)	Elementary	55,075	44	Adequate	0	3	15	6	0	0	0
25. Southwest Academy (03.176)	Middle	136,000	14	Adequate	1	2	9	11	0	0	0
26. Orem's Elementary (03.182)	Elementary	51,870	61	Adequate	0	11	13	1	0	0	1
27. Halstead Academy (03.186)	Elementary	61,130	39	Adequate	0	2	19	3	0	0	1
28. Carney Elementary (03.188)	Elementary	66,012	37	Adequate	0	2	18	4	0	0	0
29. McCormick Elementary (03.191)	Elementary	54,450	35	Adequate	0	2	19	3	0	0	3
30. Honeygo Elementary (03.219)	Elementary	95,085	2	Adequate	0	14	10	1	0	0	3
Totals					6	130	433	150	6	0	48
Percentage of Total Ratings for System					1%	18%	60%	21%	1%		

FY22 Passing vs Failing Rating per Category



Strengths



The majority of lighting appears to be LED. No major or extensive issues were noted with the interior lighting.

No issues were noted with the windows, caulking, and skylights at five facilities. 15 facilities earned a Good rating in that category.



Sweeping floors and vacuuming carpets are identified as daily tasks in the custodial scope of work, which also details general procedures for floor care. Eight facilities earned a Good rating for Floors.

No issues were noted with the exterior structure and finishes at two facilities. Five facilities earned a Good rating in that category.



Weaknesses

The filters and/or coils in HVAC units at 18 facilities were observed dirty. Exhaust fans and/or other HVAC equipment were identified as not working or not working properly at 25 facilities.



Five facilities were observed with active leaks from the roof to the interior of the building. Vegetation and/or debris were identified at 20 facilities. It was noted at several facilities that deficiencies identified on roof inspections were not remediated and/or did not have follow-up corrective work orders in the CMMS.



Uneven walking surfaces were observed at 17 facilities. The driving surfaces at 22 facilities were damaged and/or deteriorated. 14 facilities received a Not Adequate rating for Roadways, Parking Lots, & Walkways.

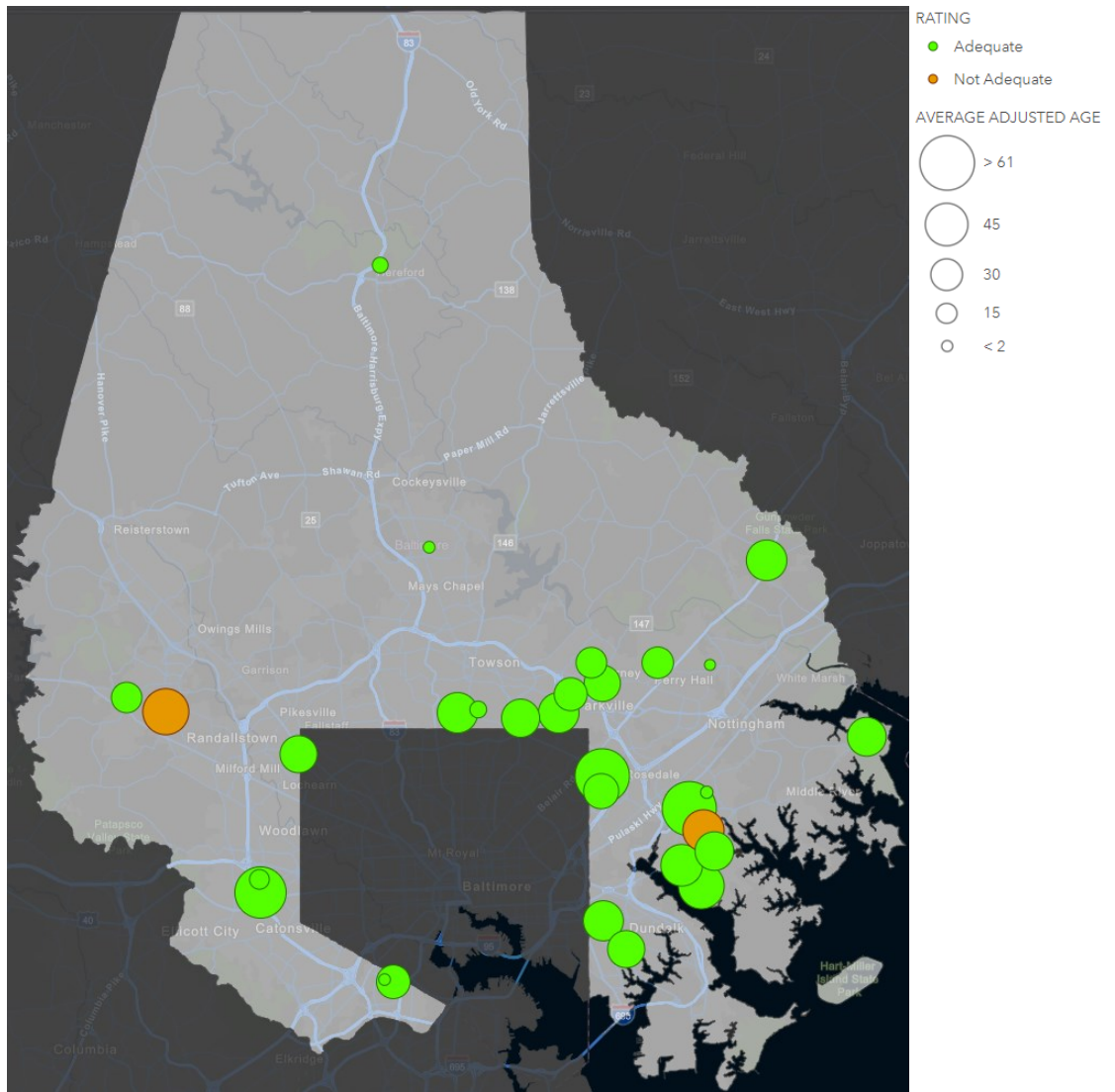


All 30 facilities were observed with one or more leaks from plumbing fixtures. 16 facilities received a Not Adequate rating and one facility received a Poor rating for Plumbing Fixtures and Equipment.

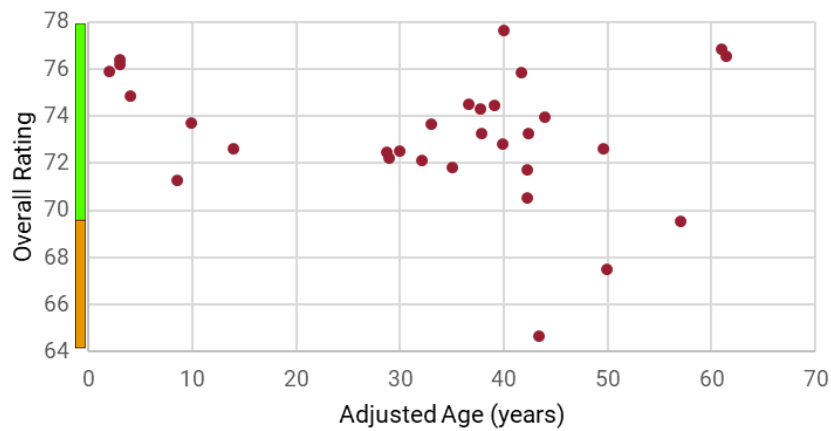
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	5
	Grounds	0	4
	Positive Site Drainage Away from Structure(s)	0	1
	Playgrounds, Equipment, & Fields	0	7
	Relocatables & Additional Structures	0	2
Building Exterior	Exterior Structure & Finishes	0	2
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	0
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	1
	Floors	0	3
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	2
	Ceilings	0	3
	Interior Lighting	0	3
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	2
	Electrical Distribution & Service Equipment	0	3
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	4
	Plumbing Fixtures and Equipment	0	1
	Fire and Safety Systems & Utility Controls	0	4
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	1
	Custodial Scope of Work (SoW)	0	0
Total		0	48

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Additional PM checks are recommended to ensure the HVAC systems and exhaust fans receive the necessary amount of PM work to remain functional and efficient.
- Roadways, parking lots, and walkways should be added to the PM schedule.
- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as trip hazards on walking surfaces and plumbing and roof leaks.
- PM work orders should generate automatically in the CMMS for each asset tag rather than for a group of asset tags so PM and follow-up corrective work orders can be more easily tracked for individual equipment.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted.
- Implementing quality control procedures is recommended to ensure PM work orders are being completed effectively and the actions taken to complete the work are recorded accurately.

CALVERT COUNTY

Total School Facilities Assessed in FY 2022: 5



Dowell Elementary

Fiscal Year 2022: Key Facts



Calvert County has 25 active school facilities.
- 1 facility since FY 2021.



The average adjusted age of all 25 school facilities is 24.2 years old.
+ 0.9 years since FY 2021.



Calvert County maintains 2,456,795 SF throughout its 25 school facilities. It has the 12th greatest amount of SF of LEAs in MD.
- 7,005 SF since FY 2021.



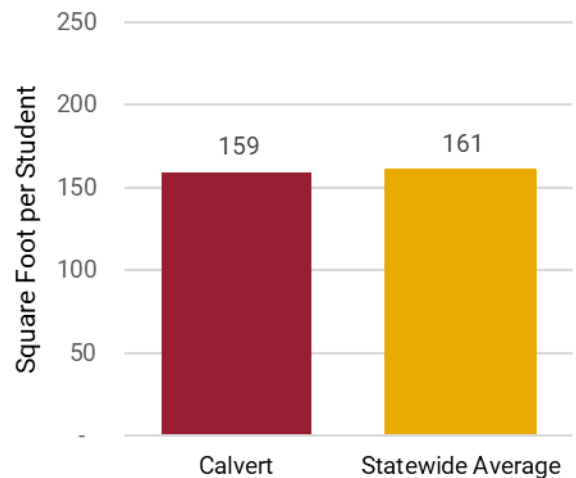
The current replacement value for Calvert County's GSF, at the IAC's current replacement cost/SF, is greater than \$1.0 B.

76.72% (Adequate) = Average Overall Rating for FY 2022
+ 2.98% since FY 21

FY 2022 Overall Rating Results by School Type

	Elementary	High	
Superior			
Good	1		1
Adequate	3	1	4
Not Adequate			
Poor			
Totals	4	1	5

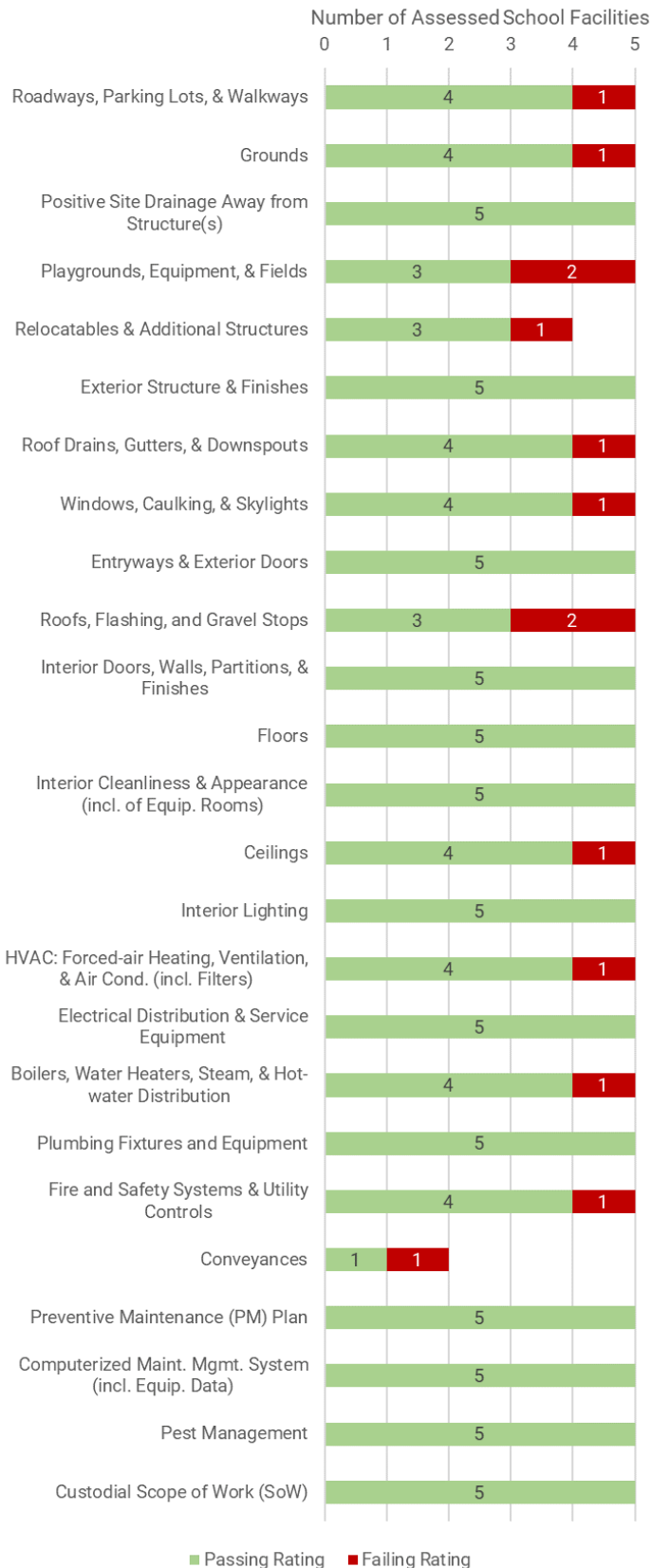
Average Square Foot per Student



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Calvert Elementary (04.004)	Elementary	63,362	48	Adequate	0	3	16	4	1	0	0
2. Northern High (04.005)	High	248,973	3	Adequate	0	8	14	3	0	0	1
3. Plum Point Elementary (04.015)	Elementary	62,337	30	Adequate	0	11	13	0	0	0	0
4. Patuxent Elementary (04.018)	Elementary	59,049	29	Adequate	0	5	14	4	1	0	0
5. Dowell Elementary (04.023)	Elementary	70,435	23	Good	1	9	14	0	0	0	0
Totals					1	36	71	11	2	0	1
Percentage of Total Ratings for System					1%	30%	59%	9%	2%		

FY 2022 Results: Assessment Findings by Category

FY22 Passing vs Failing Rating per Category



Strengths



The majority of educational spaces appeared well lit. Three facilities received a Good rating for Interior Lighting.

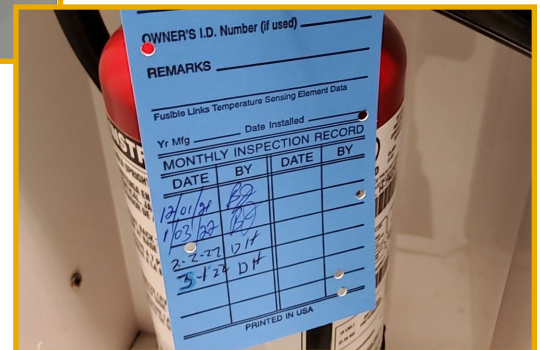


Filters at four facilities were clean, dated, and appeared to be replaced in accordance with industry standards. One facility earned a Superior rating for HVAC.



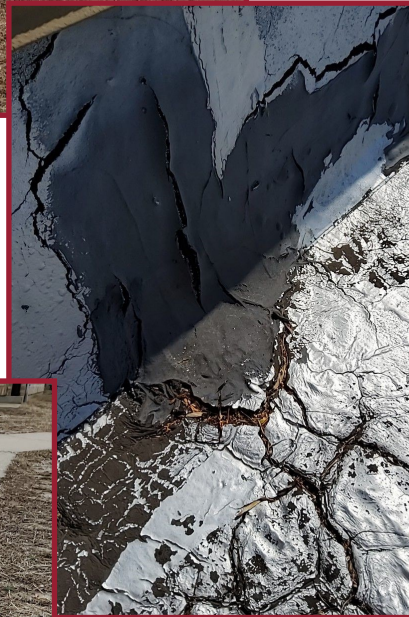
No issues or concerns were identified at three facilities. The majority of electrical panels appeared to be well maintained and properly labeled.

No issues or concerns were identified in three facilities. Annual fire extinguisher inspections are identified in the PM plan.



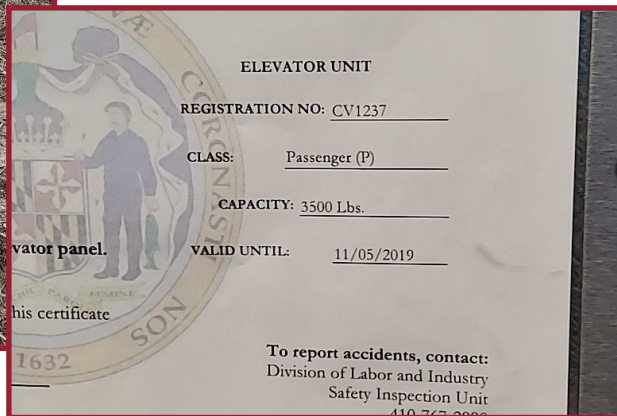
Weaknesses

Two facilities were identified with broken playground equipment. The rubberized coating on the playground equipment at three facilities was deteriorated. Muddy patches and ruts were observed in the impact material or play areas at three facilities.



Alligatoring and/or cracking were identified on roofs at four facilities. One facility received a Poor rating for Roofs, Flashing, and Gravel Stops.

Uneven walking surfaces and cracks in the walkways and/or roadways were observed at three facilities. One facility received a Not Adequate rating for Roadways, Parking Lots, & Walkways.

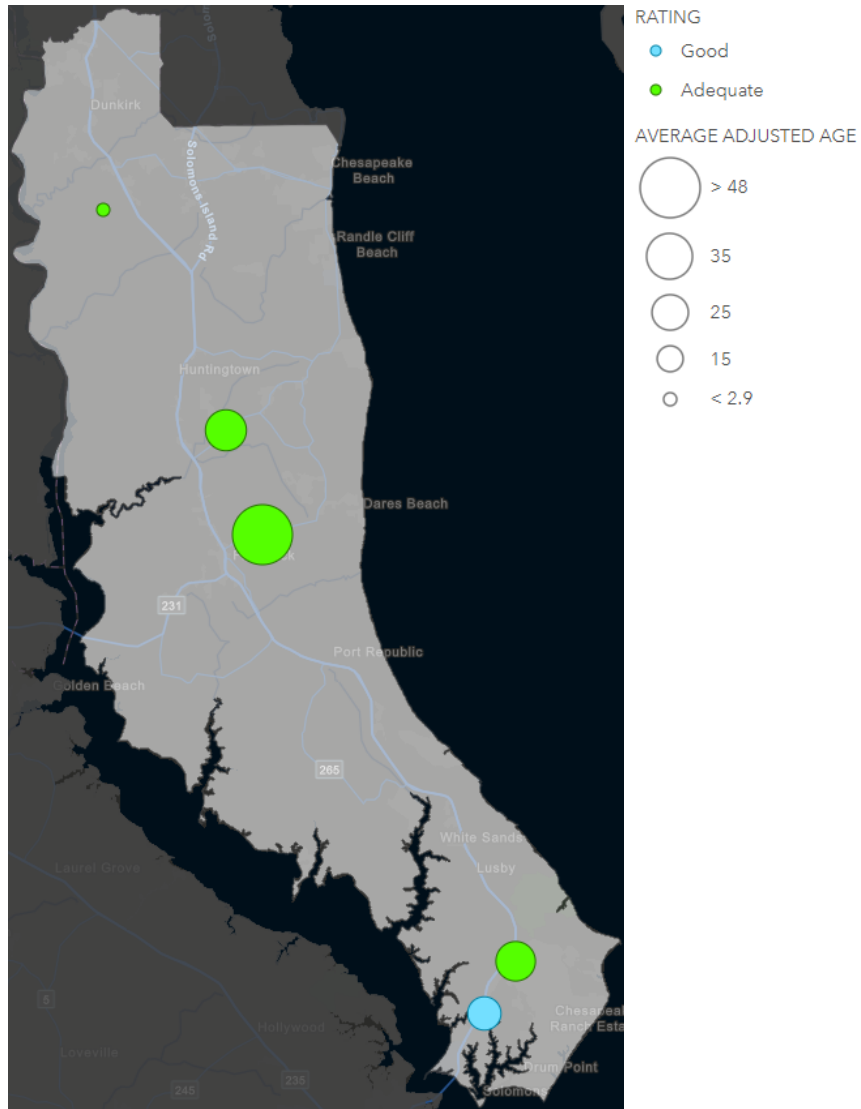


Of the two facilities with conveyance equipment, one received a Not Adequate rating. The DLLR certificate at one facility was expired for over two years and the most recent inspection identified multiple failed items.

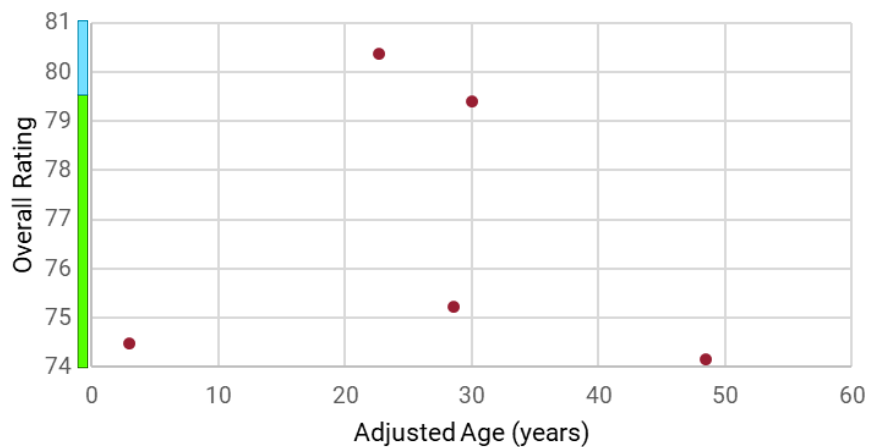
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	0
	Grounds	0	0
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	0	0
	Relocatables & Additional Structures	0	0
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	0
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	0
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	0
	Interior Lighting	0	0
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	0
	Electrical Distribution & Service Equipment	0	0
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	0
	Plumbing Fixtures and Equipment	0	0
	Fire and Safety Systems & Utility Controls	0	1
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	1

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Roadways, parking lots, and walkways should be added to the PM schedule. Deficiencies noted during the PM checks should be entered and tracked using the CMMS.
- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as playground issues and roof leaks.
- Using the CMMS to track roof inspections and deficiencies identified during the inspections is recommended. Creating, following, and tracking a good PM plan for the roof systems throughout the LEA is recommended.
- The Custodial SoW lists only general responsibilities of custodial staff, similar to a job description for hiring purposes, as opposed to listing specific tasks and assigned frequencies. A more effective scope would list each activity, the area the activity is performed, equipment, materials, and methods to be employed, and the frequency of the activity.

CAROLINE COUNTY

Total School Facilities Assessed in FY 2022: 3



Fiscal Year 2022: Key Facts



Caroline County has 10 active school facilities.
No change since FY 2021.



The average adjusted age of all 10 school facilities is 22.5 years old.
- 0.9 years since FY 2021.



Caroline County maintains 877,773 SF throughout its 10 school facilities. It has the 20th greatest amount of SF of LEAs in MD.
- 74,849 SF since FY 2021.

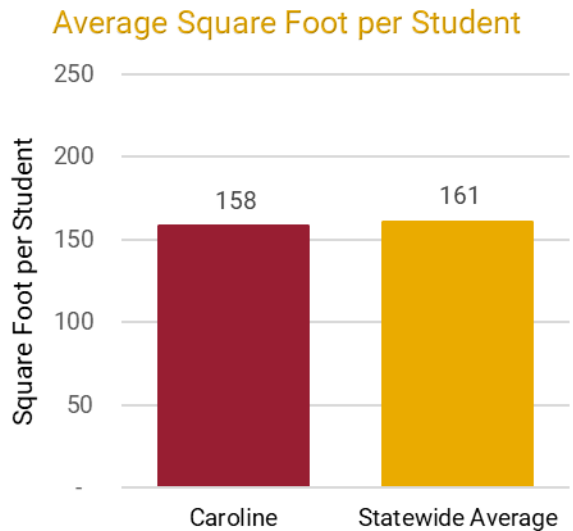


The current replacement value for Caroline County's GSF, at the IAC's current replacement cost/SF, is greater than \$0.3 B.

71.66% (Adequate) = Average Overall Rating for FY 2022
- 1.33% since FY 21

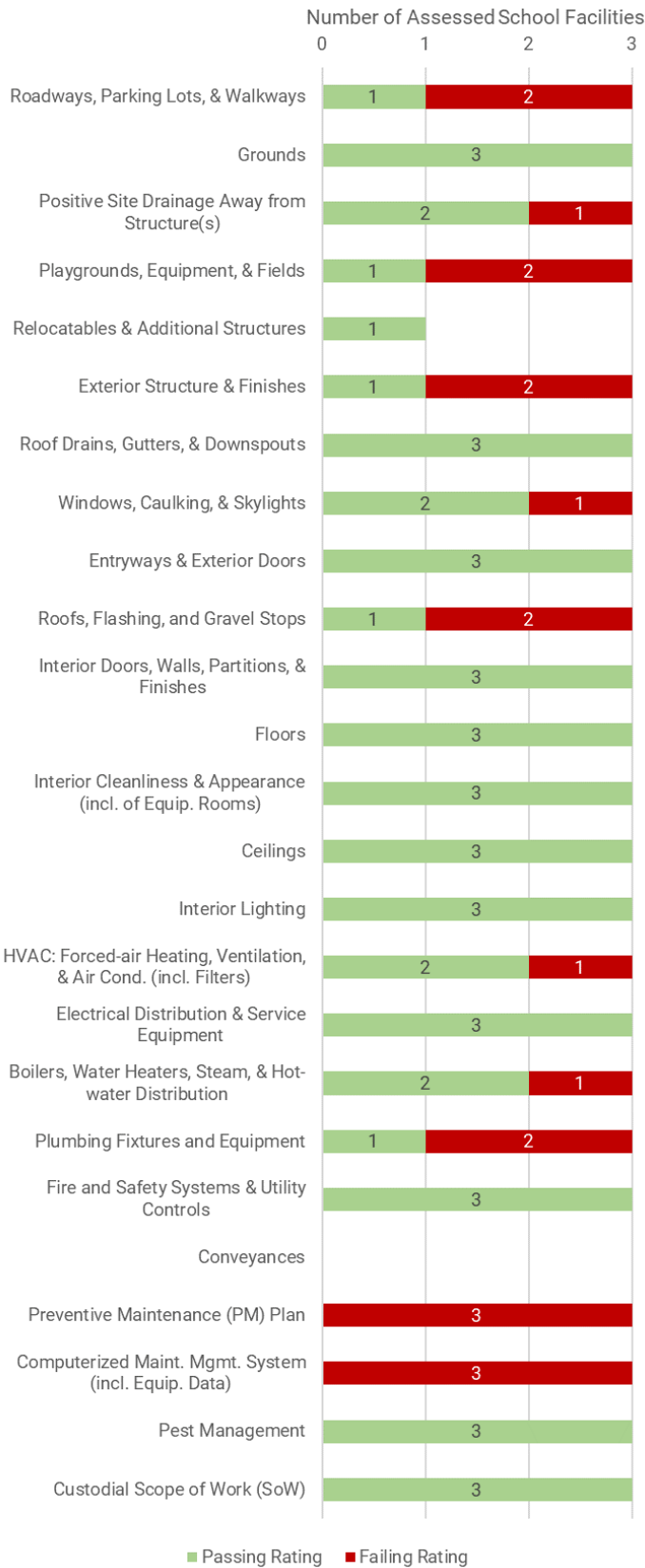
FY 2022 Overall Rating Results by School Type

	Elementary	Middle	
Superior			
Good			
Adequate	2	1	3
Not Adequate			
Poor			
Totals	2	1	3



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Lockerman Middle (05.005)	Middle	108,842	39	Adequate	0	3	15	5	0	0	2
2. Ridgely Elementary (05.006)	Elementary	52,005	35	Adequate	0	2	17	5	0	0	2
3. Preston Elementary (05.008)	Elementary	64,952	5	Adequate	0	11	9	3	0	0	3
Totals					0	16	41	13	0	0	7
Percentage of Total Ratings for System					0%	23%	59%	19%	0%		

FY22 Passing vs Failing Rating per Category

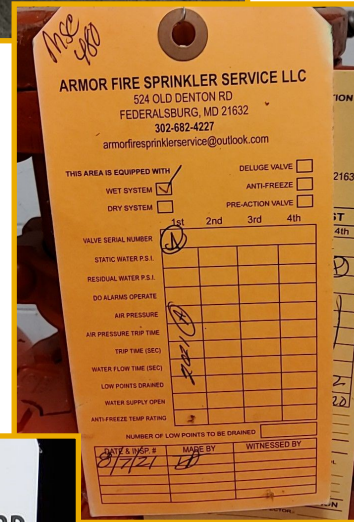


Strengths



All three facilities had documented, contractual pest inspection records available on site. PM measures were present in all three facilities.

All three facilities received an Adequate rating for Fire and Safety Systems & Utility Controls. In August 2021, all three facilities had their fire suppression systems inspected.



INSPECTION RECORD			
DATE	BY	DATE	BY
3/17/20	RJC	ARMR Am	259.6
4/18/20	ATC	LS	240.1
9/10/20	ATC	FOR PM	253.9
10/8/20	ATC	COOLING/HEATING	256.8
2/27/21	RJC	248/16	271.4
6/12/21	ATC	MISC	281.2
8/10/21	ATC	FOR PM	308.9

All three facilities have generators, and two facilities had documented inspections for their generators.

Two out of the three facilities had no issues or concerns identified with their interior lighting.



Weaknesses

Two out of the three facilities had completed playground equipment inspections, but no corrective action work orders were identified in the CMMS for deficiencies cited during the inspections.



All three facilities were observed with leaking plumbing fixtures or equipment. Inoperable plumbing fixtures were present in the restrooms at two facilities.



Damage or deterioration of the exterior building envelope sealants were identified at all three facilities. Two facilities were identified with deteriorated mortar joints.

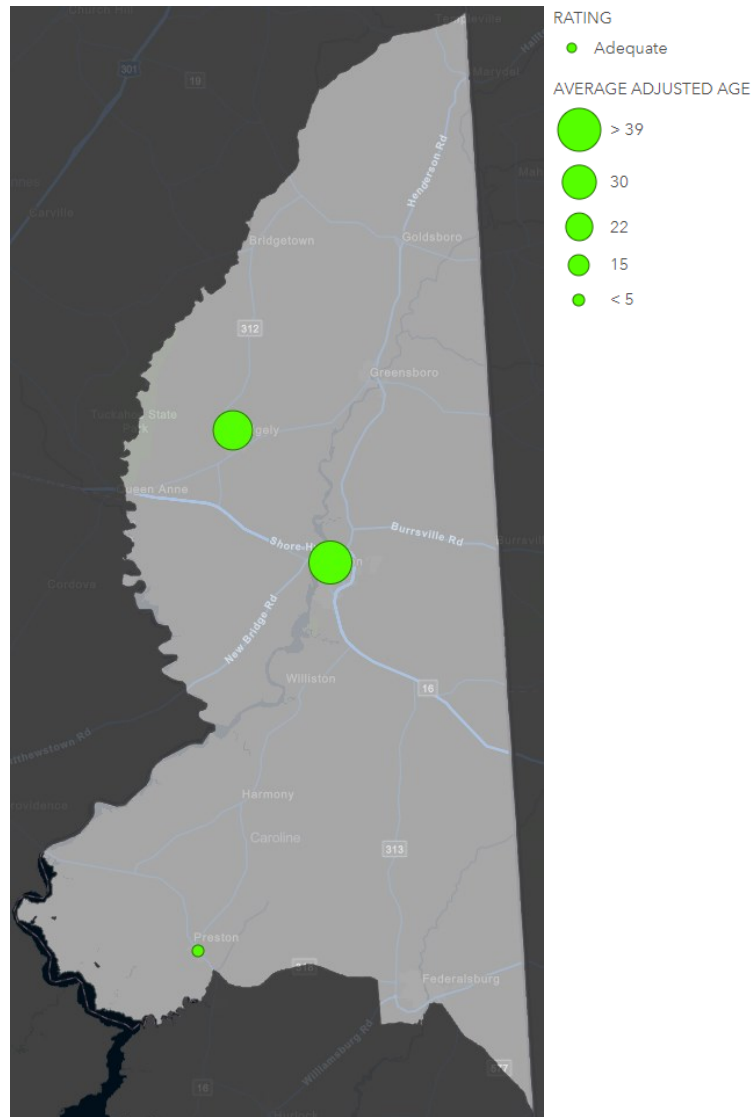


Vegetation growth and ponding water were identified on the roofs of two facilities.

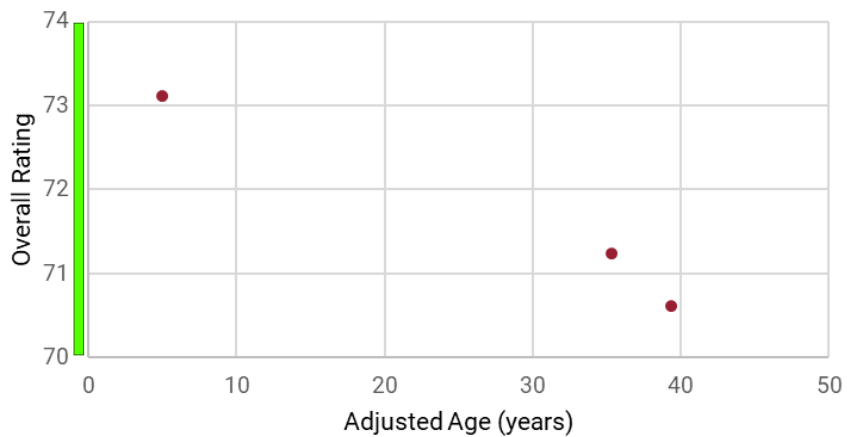
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	2
	Grounds	0	0
	Positive Site Drainage Away from Structure(s)	0	1
	Playgrounds, Equipment, & Fields	0	2
	Relocatables & Additional Structures	0	0
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	0
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	0
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	0
	Interior Lighting	0	0
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	1
	Electrical Distribution & Service Equipment	0	0
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	0
	Plumbing Fixtures and Equipment	0	1
	Fire and Safety Systems & Utility Controls	0	0
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	7

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- The CMMS should be used to track the contracted playground inspections as well as follow-up work for deficiencies identified on the reports.
- Incorporating routine inspections of the exterior building sealants is recommended. Use the CMMS to track the inspections and to create follow-up corrective action work orders.
- Using the CMMS to track roof inspections and deficiencies identified during the inspections is recommended. Creating, following, and tracking a good PM plan for the roof systems throughout the LEA is recommended.
- Custodial staff should clean and operate plumbing fixtures and equipment on a daily basis. Additional communication from the custodial staff to the head custodian is recommended. Utilizing the CMMS to create corrective maintenance work orders for deficiencies identified by the custodial staff is recommended.

CARROLL COUNTY

Total School Facilities Assessed in FY 2022: 8



Westminster Elementary

Fiscal Year 2022: Key Facts



Carroll County has 40 active school facilities.
No change since FY 2021.



The average adjusted age of all 40 school facilities is 31.3 years old.
+ 1 year since FY 2021.



Carroll County maintains 4,176,741 SF throughout its 40 school facilities. It has the 10th greatest amount of SF of LEAs in MD.

No change since FY 2021.

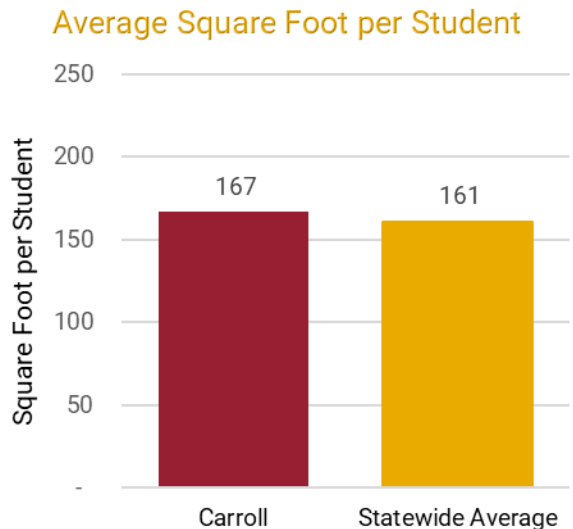


The current replacement value for Carroll County's GSF, at the IAC's current replacement cost/SF, is approximately \$1.8 B.

72.1% (Adequate) = Average Overall Rating for FY 2022
+ 1.51% since FY 21

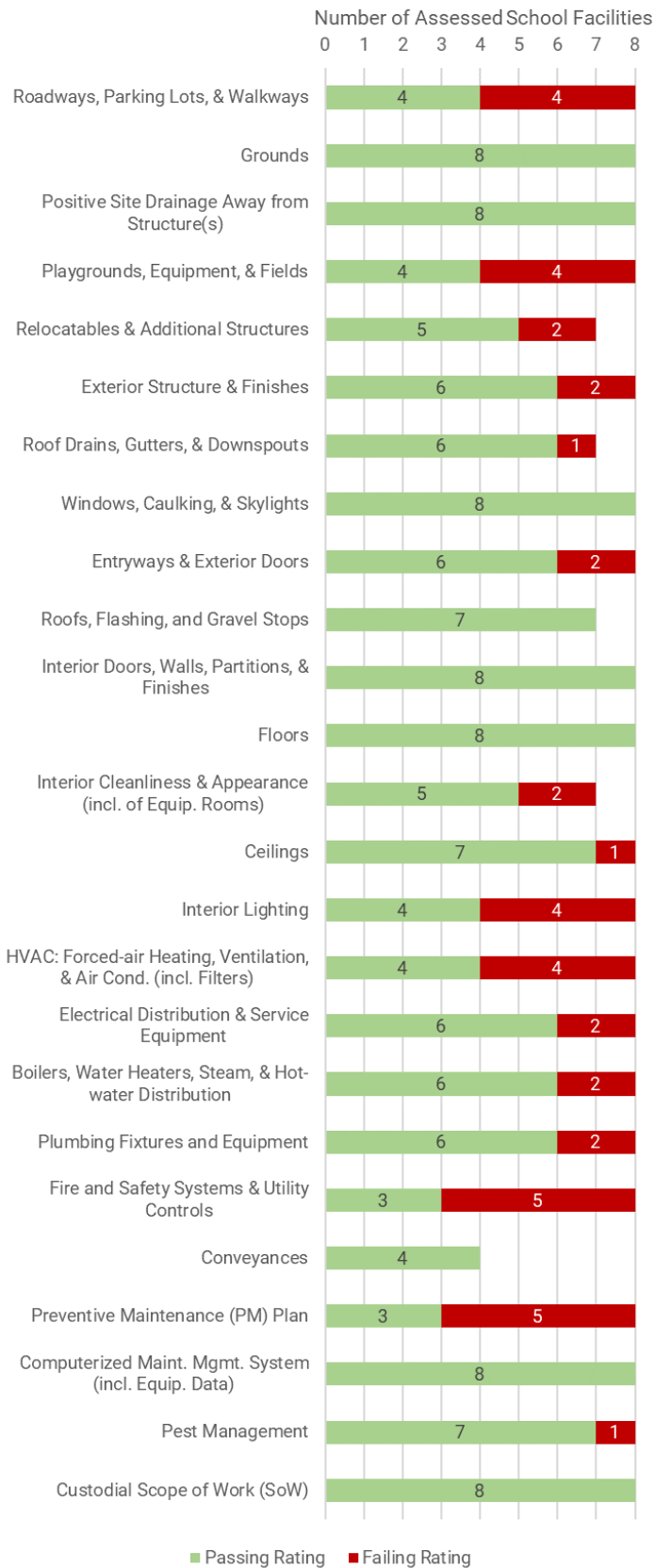
FY 2022 Overall Rating Results by School Type

	Special Education	Elementary	Middle	High	
Superior					
Good					
Adequate	1	4	1	1	7
Not Adequate				1	1
Poor					
Totals	1	4	1	2	8



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Westminster Elementary (06.003)	Elementary	69,648	31	Adequate	1	5	17	1	0	0	5
2. Carrolltowne Elementary (06.014)	Elementary	81,576	33	Adequate	0	7	14	3	0	0	1
3. Robert Moton Elementary (06.018)	Special Ed.	85,743	29	Adequate	0	8	14	2	0	0	3
4. Liberty High (06.019)	High	156,000	40	Not Adequate	0	1	18	6	0	0	5
5. Hampstead Elementary (06.022)	Elementary	59,200	34	Adequate	0	3	18	3	0	0	3
6. Winfield Elementary (06.023)	Elementary	73,037	26	Adequate	0	6	14	1	0	0	4
7. Westminster West Middle (06.036)	Middle	135,733	59	Adequate	0	7	15	3	0	0	5
8. Westminster High (06.042)	High	355,760	47	Adequate	0	13	11	1	0	0	1
Totals					1	50	121	20	0	0	27
Percentage of Total Ratings for System					1%	26%	63%	10%	0%		

FY22 Passing vs Failing Rating per Category



Strengths



Four facilities received a Good rating for Floors. Floor maintenance is listed as a daily task on the custodial checklist.

Four facilities received a Good rating for Interior Doors, Walls, Partitions, & Finishes. No major issues were observed. One of the Building Supervisor's weekly tasks is to check the building interior and repair or report all problems.



All windows were operational. Five facilities received a Good rating for Windows, Caulking, & Skylights. One of the Building Supervisor's daily tasks is to check doors and repair or report all damage.

All eight facilities received a passing rating for Grounds. No issues were observed that would require significant repairs to property or equipment. One of the Building Supervisor's daily tasks is to check the outside grounds.



Weaknesses

Of the seven facilities with relocatables and/or sheds, six were identified with damaged roofs and/or damaged or rotten siding or skirting.

There is no documentation showing that relocatables or additional structures, such as sheds, receive PM.



The majority of the essential assets for the buildings are not included in the PM plan, such as water heaters. There are assets included in the CMP's PM plan that do not have PM work orders in the facilities' work order history documentation.

Five facilities were observed with inoperable emergency lights.

Two facilities had water leaking from the sprinkler system.

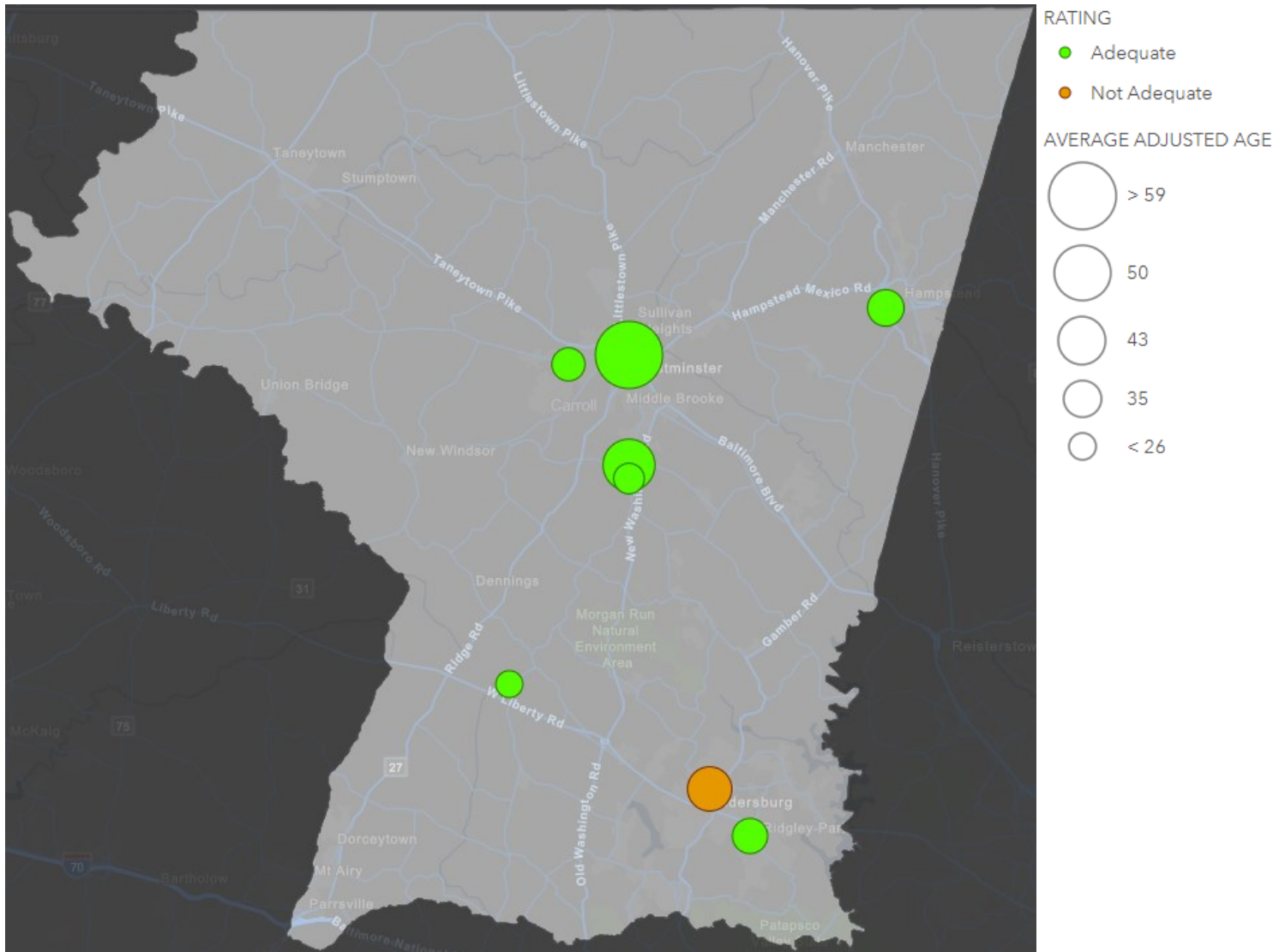


All eight facilities were observed with HVAC issues, such as dirty coils or filters in HVAC units and inoperable exhaust fans.

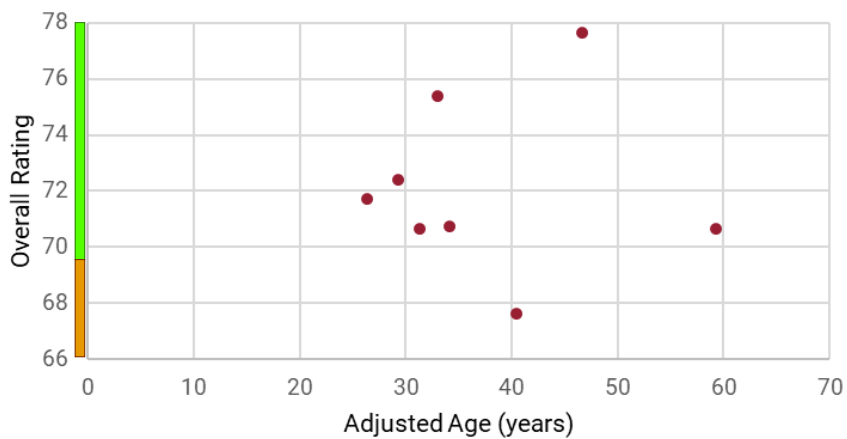
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	4
	Grounds	0	0
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	0	4
	Relocatables & Additional Structures	0	2
Building Exterior	Exterior Structure & Finishes	0	2
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	2
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	0
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	0
	Interior Lighting	0	3
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	0
	Electrical Distribution & Service Equipment	0	2
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	2
	Plumbing Fixtures and Equipment	0	1
	Fire and Safety Systems & Utility Controls	0	5
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	27

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- PM tasks identified in the CMP and the custodial checklists should have auto-populating PM work orders created in the CMMS.
- Immediately following an inspection or PM task, work orders should be created for any deficiencies or issues identified.
- Additional PM checks are recommended to ensure the HVAC systems and exhaust fans receive the necessary amount of PM work to remain functional and efficient.
- The custodial checklist for maintenance employees identifies quarterly PM checks for playground equipment. More frequent checks should be implemented to ensure the playgrounds and equipment remain functional, safe, and clean.
- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as leaking sprinkler systems, blocked egress routes, and non-functional emergency lights.

CECIL COUNTY

Total School Facilities Assessed in FY 2022: 6

Cecilton Elementary

Fiscal Year 2022: Key Facts

29
facilities

Cecil County has 29 active school facilities.
No change since FY 2021.

30.0
years old

The average adjusted age of all 29 school facilities is 30.0 years old.
+ 1 year since FY 2021.

> 2.2 M
GSF

Cecil County maintains 2,242,569 SF throughout its 29 school facilities. It has the 15th greatest amount of SF of LEAs in MD.

No change since FY 2021.

> \$0.9 B

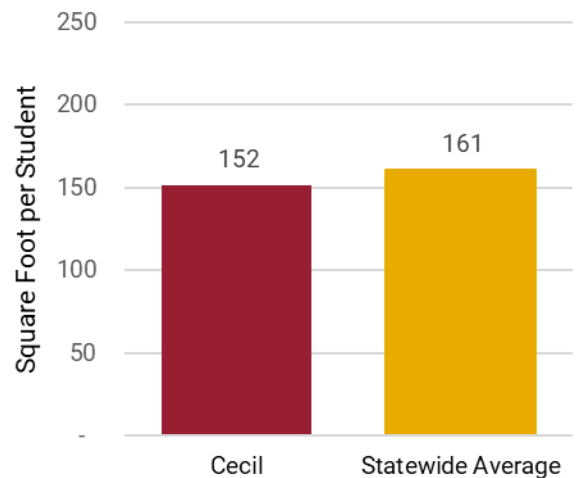
The current replacement value for Cecil County's GSF, at the IAC's current replacement cost/SF, is greater than \$0.9 B.

75.85% (Adequate) = Average Overall Rating for FY 2022
+ 0.41% since FY 21

FY 2022 Overall Rating Results by School Type

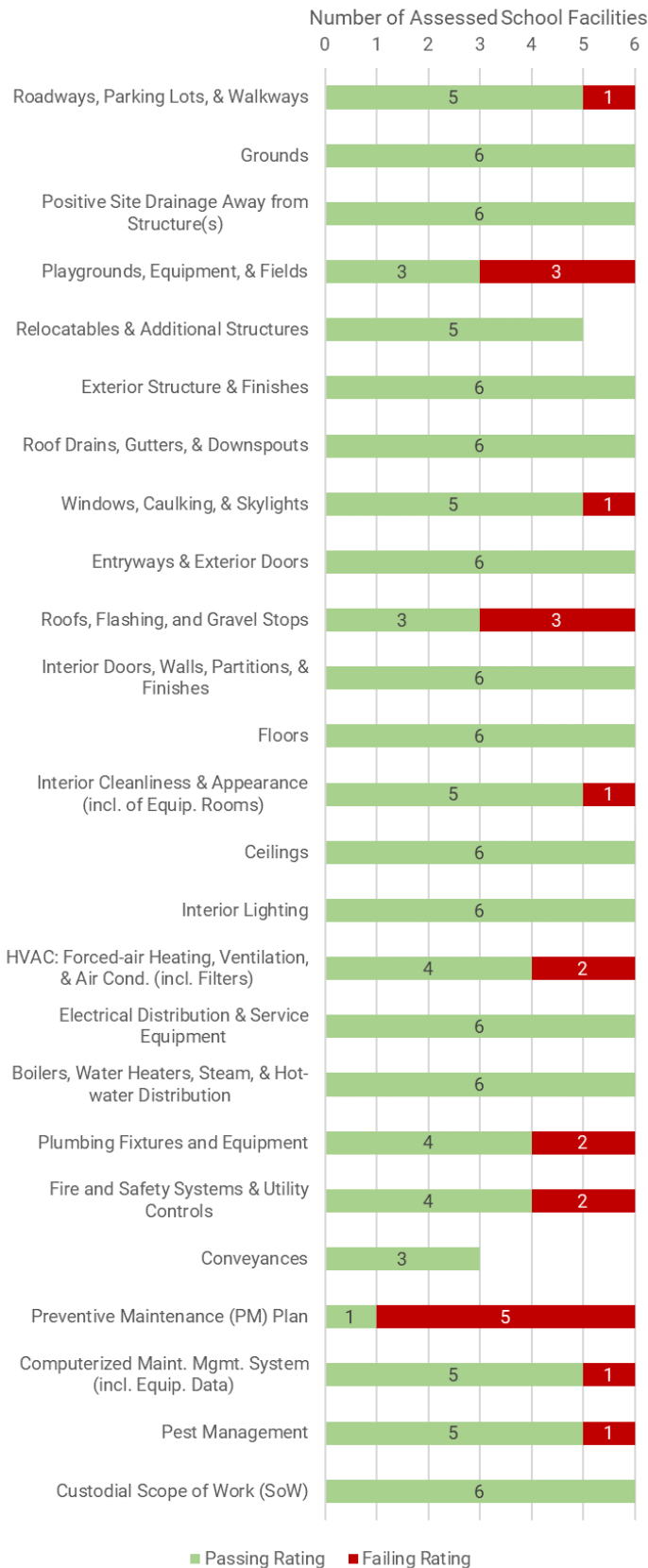
	Elementary	Middle/High	
Superior			
Good			
Adequate	5	1	6
Not Adequate			
Poor			
Totals	5	1	6

Average Square Foot per Student



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Rising Sun Elementary (07.026)	Elementary	62,496	30	Adequate	1	9	10	5	0	0	2
2. Bohemia Manor Middle/High (07.027)	Middle/High	136,024	27	Adequate	0	5	17	2	0	0	2
3. Cecilton Elementary (07.031)	Elementary	35,321	23	Adequate	0	11	12	2	0	0	0
4. North East Elementary (07.035)	Elementary	61,396	20	Adequate	1	10	10	3	0	0	1
5. Holly Hall Elementary (07.037)	Elementary	61,711	21	Adequate	1	6	14	3	0	0	1
6. Leeds Elementary (07.041)	Elementary	40,414	51	Adequate	0	12	8	4	0	0	1
Totals					3	53	71	19	0	0	7
Percentage of Total Ratings for System					2%	36%	49%	13%	0%		

FY22 Passing vs Failing Rating per Category



Strengths



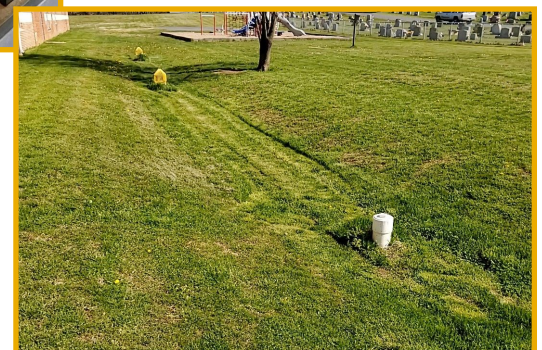
Three facilities had no issues with their interior lighting. Five facilities received a Good rating for Interior Lighting.

Three facilities received a Good and one facility earned a Superior rating for Entryways & Exterior Doors. Annual exterior doors and hardware inspections are included in the PM plan.



No issues were observed with the electrical distribution and service equipment at four facilities. The back-up generator was included in the PM plan at three facilities.

No issues were identified with the grounds at four facilities, and no issues were noted with the retention ponds at any facility.



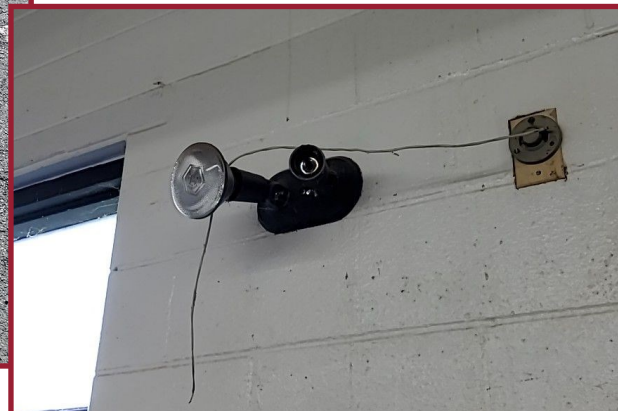
Weaknesses

Plumbing fixtures and backflow preventers were not identified in the PM schedule. One facility was observed with multiple leaks, two of which were black water leaks. Corroded fixtures were noted at three facilities.



Damaged playground equipment and/or potential safety hazards concerning playground equipment were identified at four facilities. Damaged playground equipment that was not adequately taken out of service was noted during the MEAs at two facilities.

Cracked and deteriorated asphalt surfaces were identified at all six facilities. Uneven walkway surfaces were noted at three facilities.

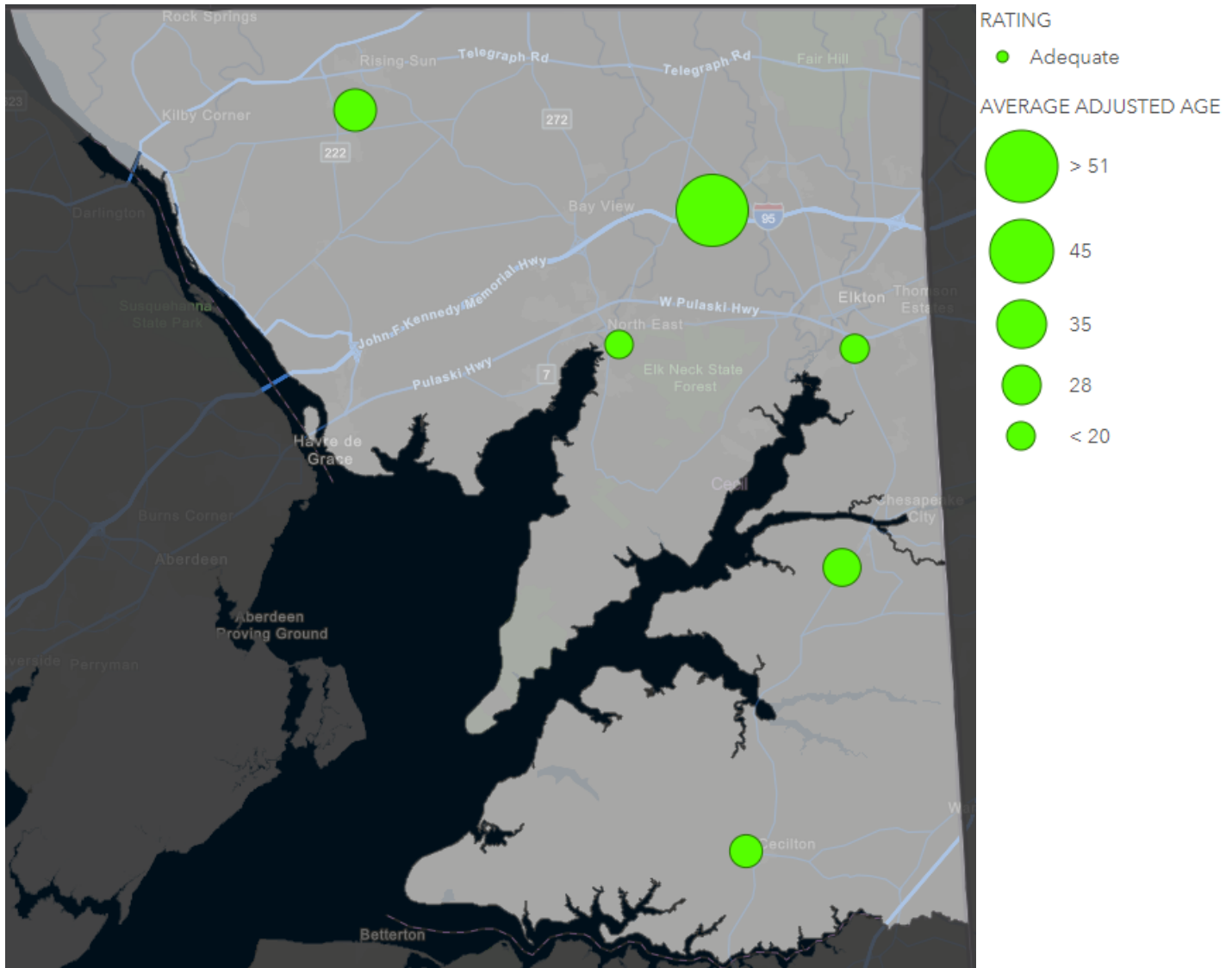


Five facilities received a Not Adequate rating for their PM plans, and all five had fewer than 10 PM items listed on their respective plans. Essential assets, including sprinklers, fire extinguishers, and emergency lights were omitted from every facility's PM plan.

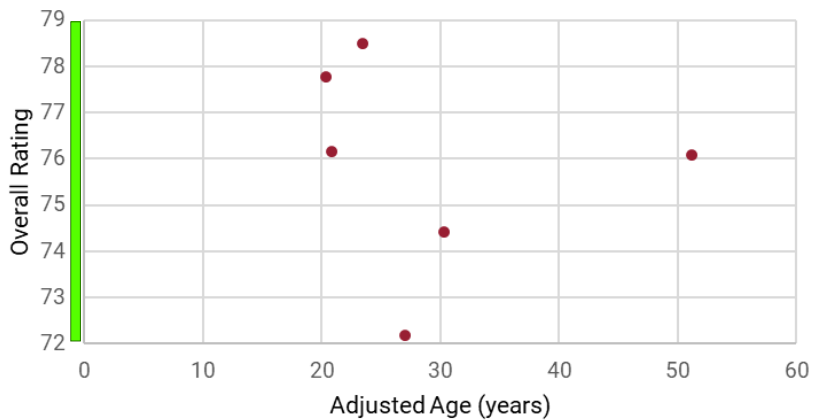
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	1
	Grounds	0	0
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	0	3
	Relocatables & Additional Structures	0	0
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	0
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	0
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	0
	Interior Lighting	0	0
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	1
	Electrical Distribution & Service Equipment	0	0
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	0
	Plumbing Fixtures and Equipment	0	0
	Fire and Safety Systems & Utility Controls	0	2
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	7

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- The PM schedule should be expanded for each facility to encompass all assets, systems, and structural elements listed in the CMP.
- Roadways, parking lots, and walkways should be added to the PM schedule. Deficiencies noted during the PM checks should be entered and tracked using the CMMS. Consider applying sealants to asphalt parking lots and roadways to slow deterioration until such assets can be resurfaced.
- Consider more appropriate methods of removing unsafe or damaged equipment from service. Remove broken, warped, cracked, or otherwise unsafe equipment to prevent potential injuries to students. This is especially important for outdoor playground equipment which may be used by unsupervised students or the general public outside of school hours. Avoid using materials which can become dangerous when weathered, such as plywood, untreated fasteners subject to rust, etc. Include checks for link wear in playground inspections.
- Improved auto-populating PM checks and asset identification in the CMMS will help to ensure that all equipment is being serviced within the required periodicity.
- Auto-populating PM checks specific to inspecting student restroom plumbing fixtures is recommended to identify, document, and rectify issues prior to more serious problems developing, such as black water leaks.

CHARLES COUNTY

Total School Facilities Assessed in FY 2022: 8



F.B. Gwynn Center

Fiscal Year 2022: Key Facts



Charles County has 39 active school facilities.
No change since FY 2021.



The average adjusted age of all 39 school facilities is 28.6 years old.
No change since FY 2021.



Charles County maintains 4,233,893 SF throughout its 39 school facilities. It has the 9th greatest amount of SF of LEAs in MD.
+ 142,507 SF since FY 2021.

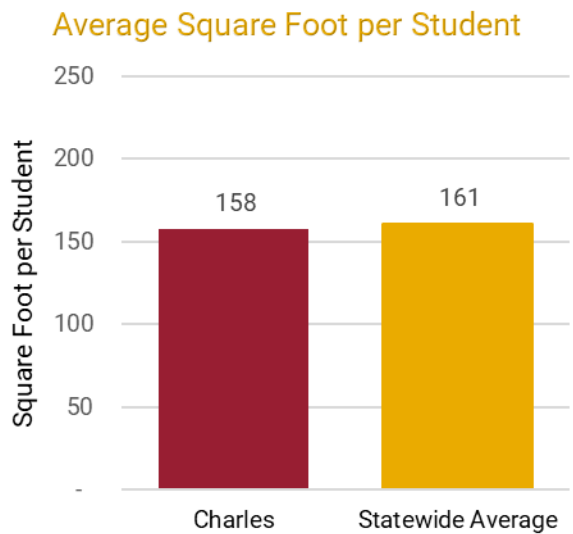


The current replacement value for Charles County's GSF, at the IAC's current replacement cost/SF, is greater than \$1.8 B.

75.92% (Adequate) = Average Overall Rating for FY 2022
+ 2.57% since FY 21

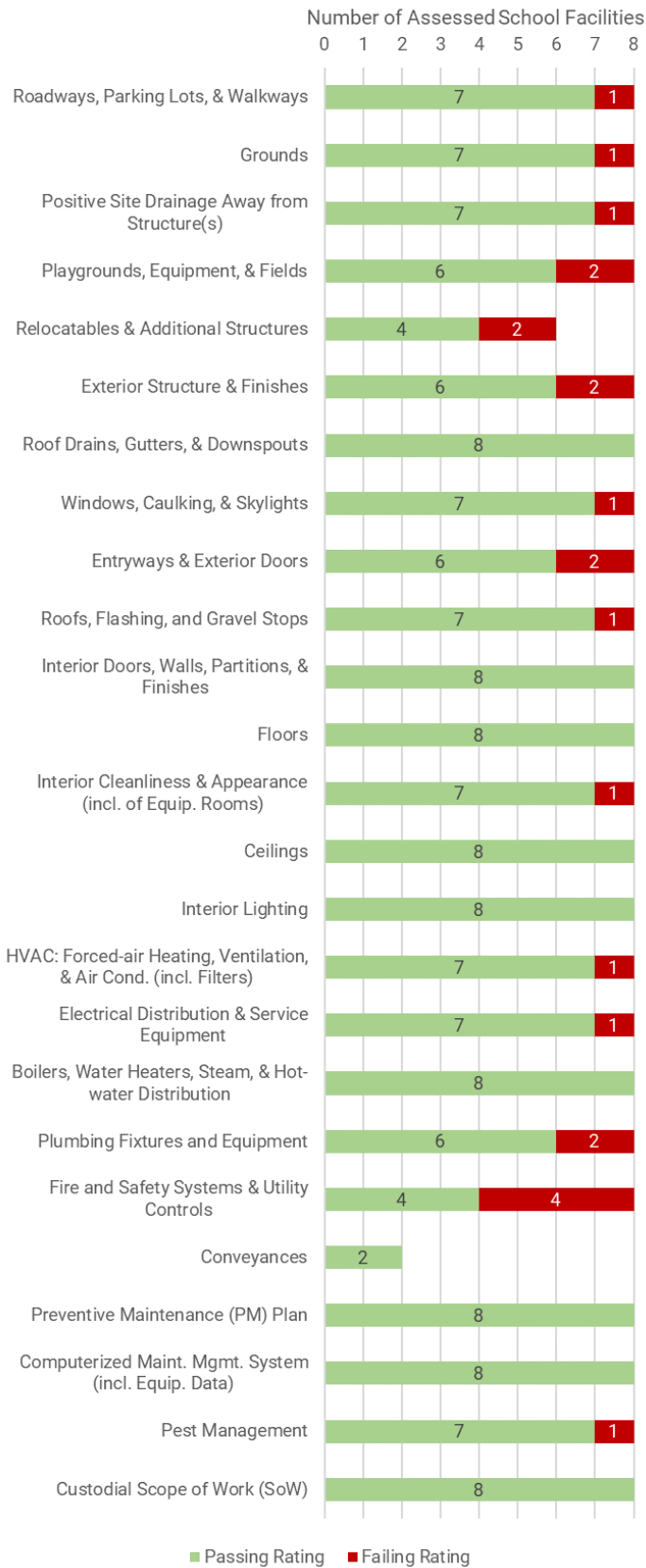
FY 2022 Overall Rating Results by School Type

	Special Education	Elementary	Middle	High	
Superior					
Good		1	1		2
Adequate	1	4		1	6
Not Adequate					
Poor					
Totals	1	5	1	1	8



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Benjamin Stoddert Middle (08.002)	Middle	105,800	46	Good	0	13	12	0	0	0	0
2. Maurice J. McDonough High (08.009)	High	174,315	45	Adequate	0	2	19	3	0	0	2
3. F.B. Gwynn Center (08.012)	Special Ed.	50,238	42	Adequate	0	6	16	1	0	0	0
4. Mt. Hope/Nanjemoy Elementary (08.023)	Elementary	42,780	30	Adequate	0	8	15	1	0	0	3
5. Daniel of St. Thomas Jenifer Elementary (08.025)	Elementary	66,285	32	Adequate	1	1	13	9	0	0	0
6. Dr. Thomas L. Higdon Elementary (08.027)	Elementary	52,000	33	Adequate	0	4	16	3	0	0	2
7. T C Martin Elementary (08.040)	Elementary	54,349	43	Adequate	0	5	17	2	0	0	0
8. Billingsley Elementary School (08.048)	Elementary	103,737	3	Good	2	13	10	0	0	0	0
Totals					3	52	118	19	0	0	7
Percentage of Total Ratings for System					2%	27%	61%	10%	0%		

FY22 Passing vs Failing Rating per Category



Strengths



No significant issues were noted with the ceilings. Ceiling cleaning is identified as a task for the Building Service Manager. Four facilities obtained a Good rating for Ceilings.

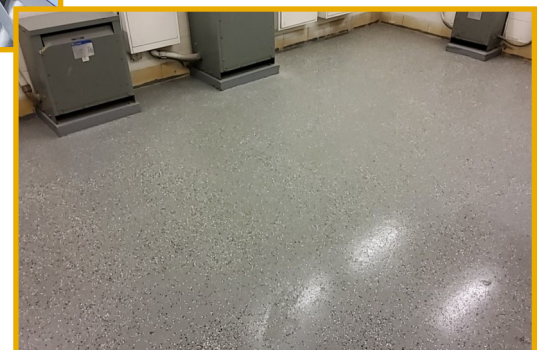
Two facilities received a Good rating for Interior Doors, Walls, Partitions, & Finishes. Restroom cleaning and disinfecting of floors, walls, and partitions was identified as a daily task.



The PM plan includes essential and non-essential assets for the facility such as backflow preventers, water heaters, boilers, HVAC unit air filter changes, roofing, exhaust fans, and parking lot weed control.

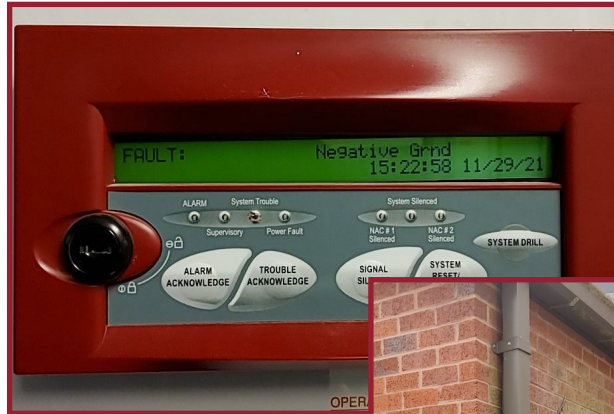


All flooring surfaces are cleaned daily according to the task list for building service workers. It includes dusting, mopping, vacuuming, and scrubbing.



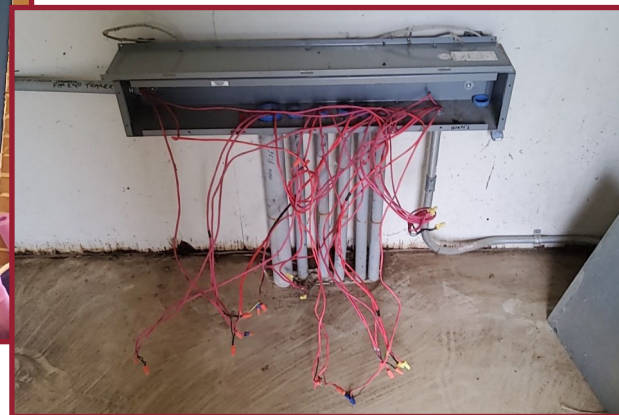
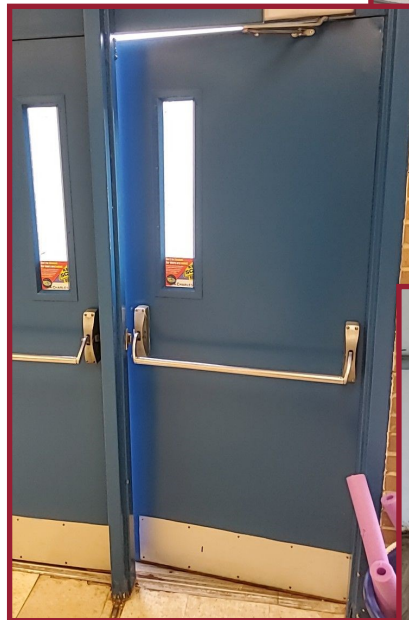
Weaknesses

Three facilities received a Not Adequate rating for Fire and Safety Systems & Utility Controls. The sprinkler system and fire alarm system were not included in the PM schedule for any facility. Two facilities had messages on their fire alarm panels: one indicated a fault, the other indicated a supervisory alarm.



Staining was observed around the exterior structures at five facilities. There were also five facilities where sealants or mortar were noted as damaged, deteriorated, or missing. Exterior structures and finishes are not specified in the PM schedules or the PM plan in the CMP to receive any PM work.

Entryways and exterior doors are not specified in the PM schedules or the PM plan in the CMP to receive any PM work. Six facilities were noted with exterior doors that either closed too hard or did not close on their own.

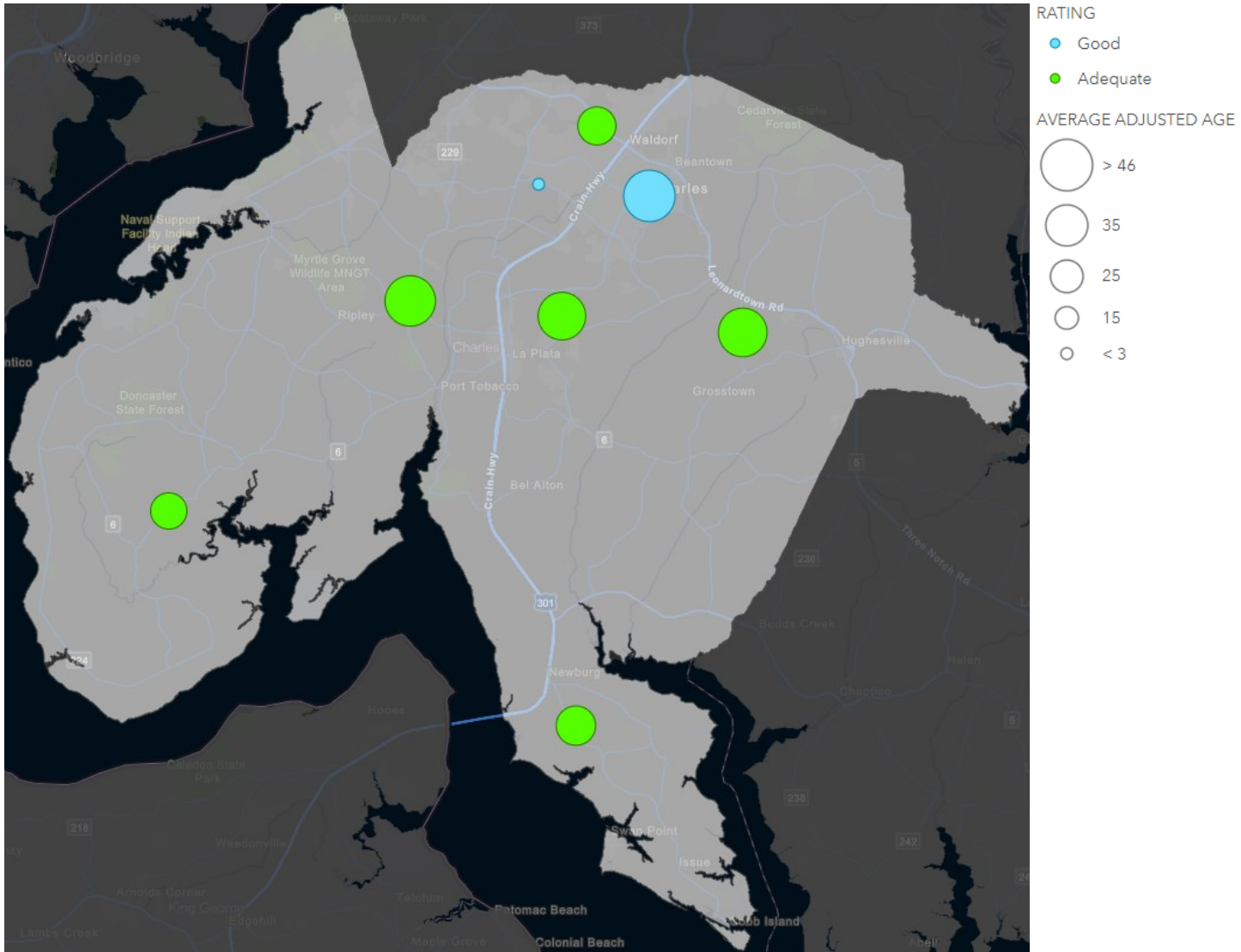


The emergency lights and/or exit signs failed to illuminate at three facilities. Wiring/cabling issues were noted at five facilities.

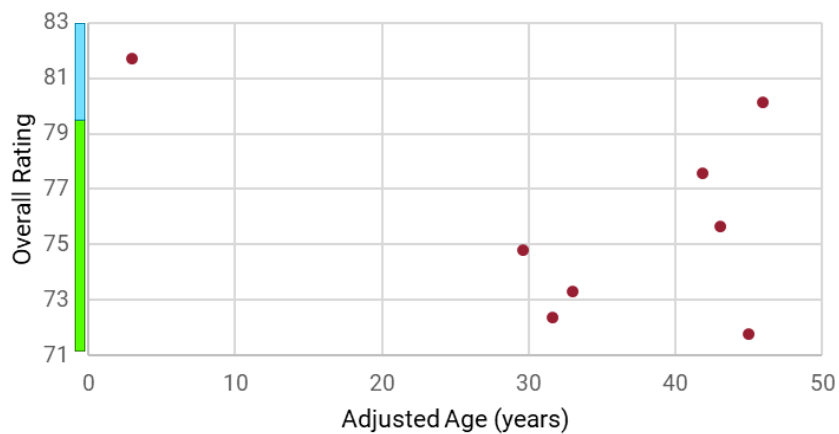
FY 2022 Results: Summary of Deficiencies by Category

	Category	# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	1
	Grounds	0	1
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	0	2
	Relocatables & Additional Structures	0	1
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	0
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	0
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	0
	Interior Lighting	0	0
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	0
	Electrical Distribution & Service Equipment	0	0
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	0
	Plumbing Fixtures and Equipment	0	0
	Fire and Safety Systems & Utility Controls	0	2
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
	Total	0	7

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Additional training on playground maintenance procedures and requirements may be needed to ensure the required inspections, cleaning, and repairs are taking place.
- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as non-functional emergency lights.
- The PM schedule should be expanded for each facility to encompass all assets, systems, and structural elements, especially items already identified for PM in the CMP such as fire suppression systems.

DORCHESTER COUNTY

Total School Facilities Assessed in FY 2022: 3

Cambridge-South Dorchester High

Fiscal Year 2022: Key Facts

14 facilities

Dorchester County has 14 active school facilities.
No change since FY 2021.

30.3 years old

The average adjusted age of all 14 school facilities is 30.3 years old.
- 3.2 years since FY 2021.

> 0.9 M GSF

Dorchester County maintains 970,840 SF throughout its 14 school facilities. It has the 19th greatest amount of SF of LEAs in MD.

+ 21,720 SF since FY 2021.

> \$0.4 B

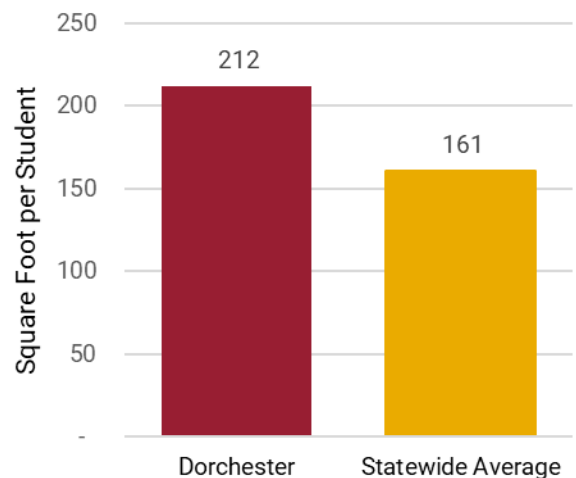
The current replacement value for Dorchester County's GSF, at the IAC's current replacement cost/SF, is greater than \$0.4 B.

70.54% (Adequate) = Average Overall Rating for FY 2022
- 11.18% since FY 21

FY 2022 Overall Rating Results by School Type

	Special Education	PreK-8	High	
Superior				
Good				
Adequate	1	1	1	3
Not Adequate				
Poor				
Totals	1	1	1	3

Average Square Foot per Student



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Cambridge-South Dorchester High (09.009)	High	189,050	45	Adequate	0	0	17	7	0	0	2
2. Maple Elementary (09.010)	Special Ed.	62,000	45	Adequate	0	2	18	4	0	0	3
3. South Dorchester Pre K-8 (09.012)	PreK-8	35,000	42	Adequate	0	2	19	3	0	0	2
Totals					0	4	54	14	0	0	7
Percentage of Total Ratings for System					0%	6%	75%	19%	0%		

FY22 Passing vs Failing Rating per Category

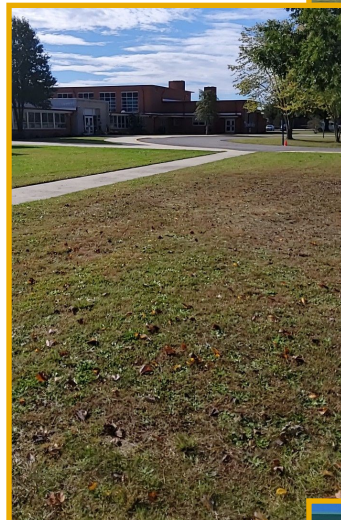


Strengths



The roof drains, gutters, and downspouts appeared to be well maintained. All of the assessed facilities received Adequate ratings.

All of the assessed facilities received Adequate ratings due to well-maintained windows. The windows opened and closed properly, were able to be locked, and had the necessary hardware.



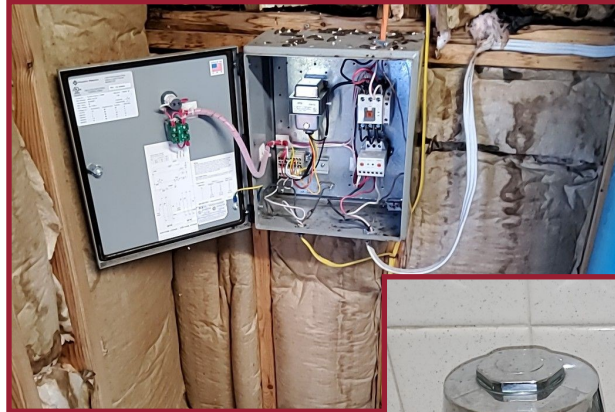
The grounds appeared well cared for. One facility received a Good rating for the appearance and maintenance efforts at that facility.

The exterior structures appeared to be maintained. One facility received a Good rating for above-average maintenance efforts.



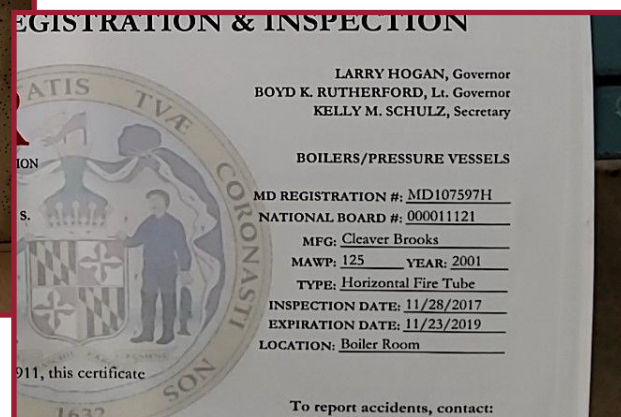
Weaknesses

Multiple issues were identified with the relocatables and additional structures at all three of the facilities assessed, including open junction boxes, improper storage, and non-functional lighting. Two facilities were rated Not Adequate.



Dirty floors, corroded plumbing fixtures, and improper storage practices were identified at all of the facilities assessed.

Damaged and stained ceiling tiles were identified at all of the facilities assessed.

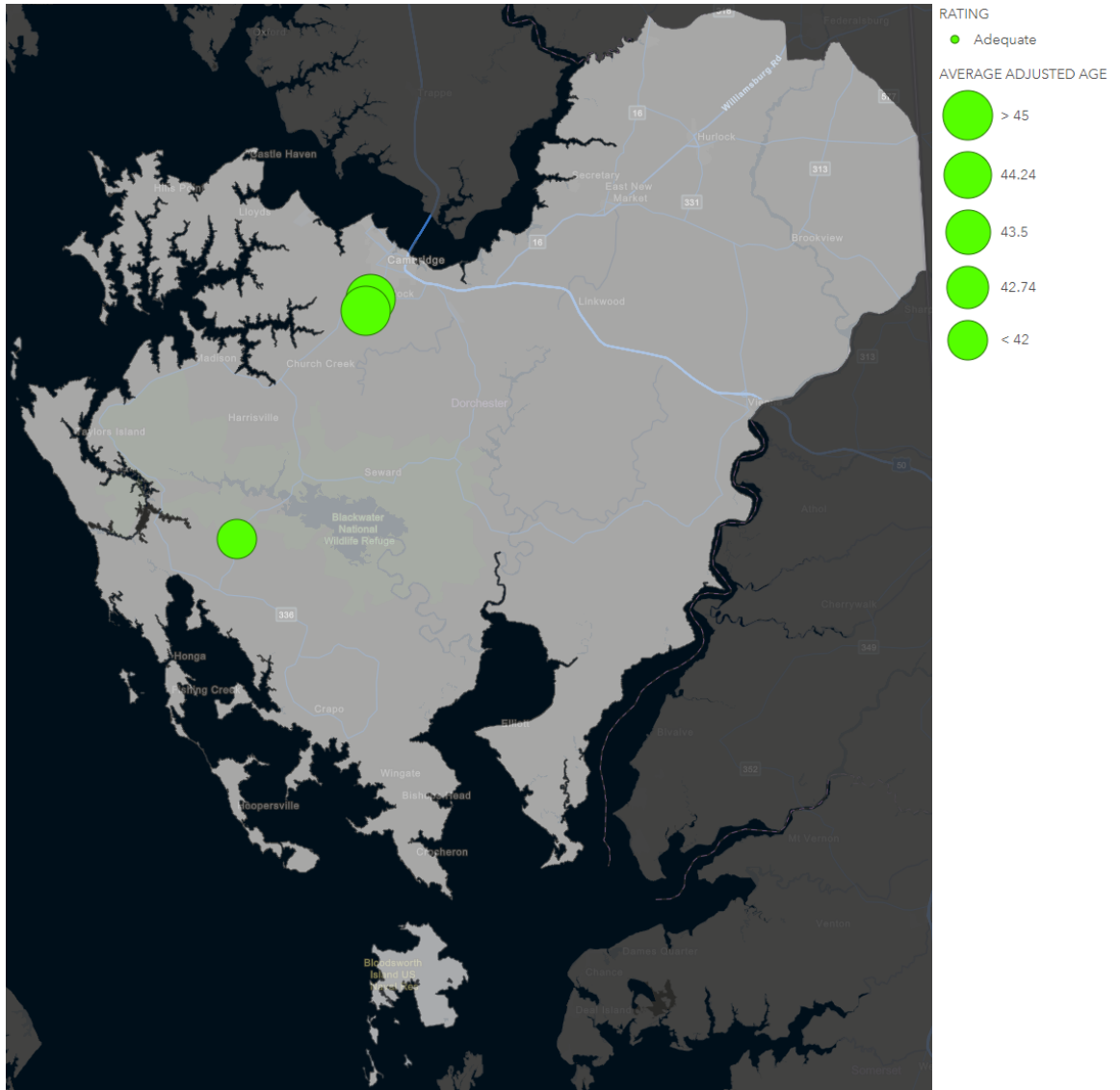


One facility had expired DLLR certificates for the boilers and hot water heater. These assets were not included in LEA's PM plan.

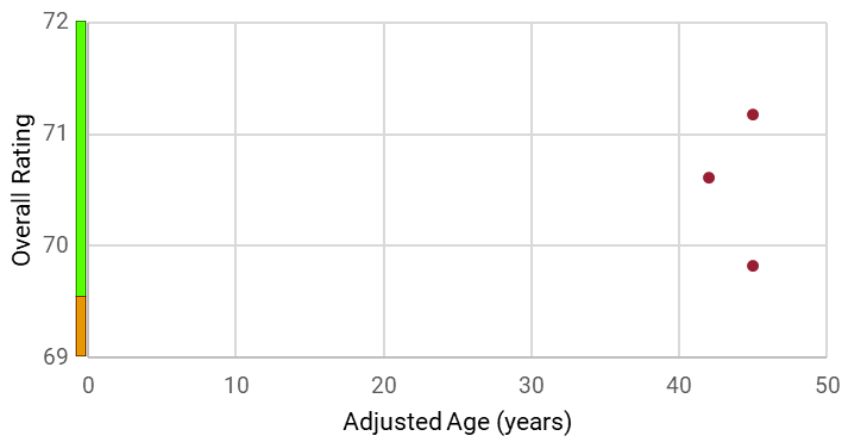
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	1
	Grounds	0	0
	Positive Site Drainage Away from Structure(s)	0	1
	Playgrounds, Equipment, & Fields	0	0
	Relocatables & Additional Structures	0	0
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	0
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	0
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	0
	Interior Lighting	0	2
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	1
	Electrical Distribution & Service Equipment	0	0
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	1
	Plumbing Fixtures and Equipment	0	0
	Fire and Safety Systems & Utility Controls	0	0
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	1
	Custodial Scope of Work (SoW)	0	0
Total		0	7

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Relocatable classrooms and additional structures should be included in all inspections and PM programs. Equipment used in the relocatables or additional structures should be included in the asset list to ensure that it is serviced on a regular basis.
- A detailed custodial scope of work that outlines tasks to be completed on a daily, weekly, and monthly basis could help to improve the efficiency and overall cleanliness inside the facilities.
- Drop ceilings should be regularly evaluated and work orders should be entered into the CMMS to correct deficiencies. The root cause of repetitive stained tiles should be investigated and tracked using the CMMS.
- The CMMS should be used to track and manage all work being conducted in the facility. Including equipment in the facility with unique identification in the asset list can assist with ensuring that all assets are serviced.

FREDERICK COUNTY

Total School Facilities Assessed in FY 2022: 13



Fiscal Year 2022: Key Facts



Frederick County has 68 active school facilities.
No change since FY 2021.



The average adjusted age of all 68 school facilities is 27.2 years old.
+ 0.1 years since FY 2021.



Frederick County maintains 6,811,025 SF throughout its 68 school facilities. It has the 7th greatest amount of SF of LEAs in MD.

- 3,311 SF since FY 2021.



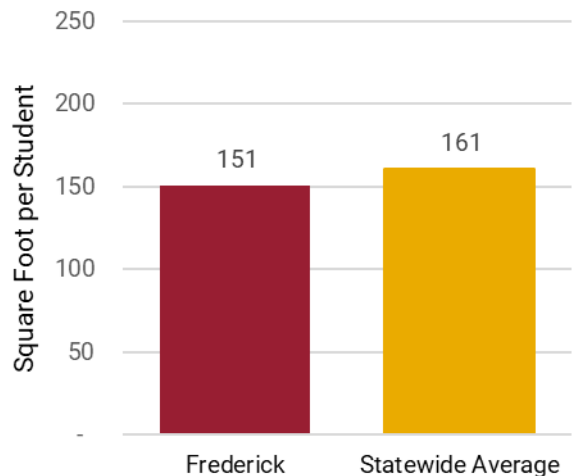
The current replacement value for Frederick County's GSF, at the IAC's current replacement cost/SF, is greater than \$2.9 B.

78.19% (Adequate) = Average Overall Rating for FY 2022
- 4.53% since FY 21

FY 2022 Overall Rating Results by School Type

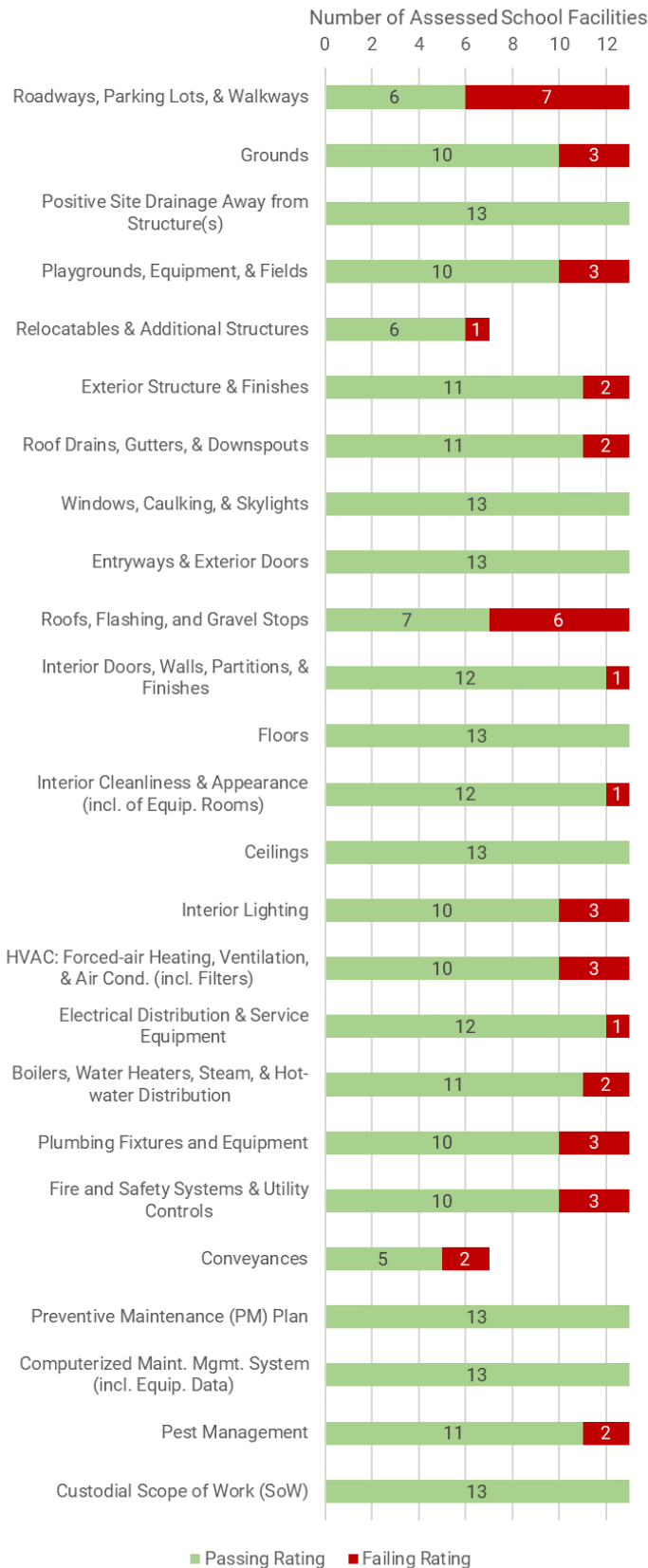
	Special Education	Elementary	Middle	High	
Superior					
Good	1	1		1	3
Adequate		6	3	1	10
Not Adequate					
Poor					
Totals	1	7	3	2	13

Average Square Foot per Student



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Lincoln A (10.003)	Special Ed.	20,334	48	Good	10	8	6	0	0	0	2
2. Emmitsburg Elementary (10.006)	Elementary	45,080	48	Adequate	4	7	10	3	0	0	3
3. Thurmont Middle (10.008)	Middle	135,260	43	Adequate	3	5	15	2	0	0	2
4. Frederick High (10.009)	High	270,618	4	Good	2	15	7	1	0	0	1
5. Middletown Middle (10.010)	Middle	114,974	53	Adequate	2	6	15	1	0	0	3
6. Woodsboro Elementary (10.014)	Elementary	28,557	55	Adequate	2	8	13	0	0	0	2
7. Thurmont Elementary (10.015)	Elementary	64,250	58	Adequate	1	2	16	4	0	0	4
8. Liberty Elementary (10.035)	Elementary	40,720	42	Adequate	2	7	14	1	0	0	2
9. Spring Ridge Elementary (10.049)	Elementary	66,276	30	Adequate	2	8	10	3	0	0	1
10. Gov Thos. Johnson High (10.057)	High	312,533	22	Adequate	1	6	18	0	0	0	3
11. Gov Thos. Johnson Middle (10.059)	Middle	126,700	22	Adequate	2	10	7	4	1	0	3
12. Lewistown Elementary (10.060)	Elementary	50,898	58	Good	4	9	9	3	0	0	1
13. Carroll Manor Elementary (10.066)	Elementary	77,593	33	Adequate	2	7	14	1	0	0	1
Totals					37	98	154	23	1	0	28
Percentage of Total Ratings for System					12%	31%	49%	7%	0%		

FY22 Passing vs Failing Rating per Category

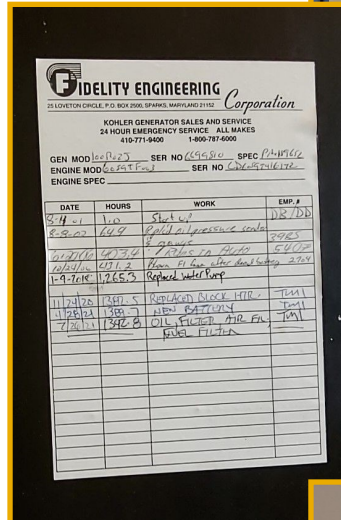


Strengths



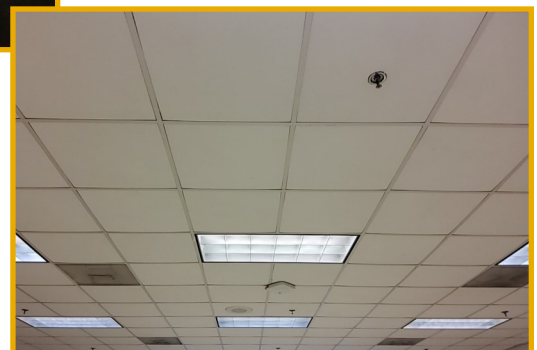
11 facilities had current DLLR certifications for their boilers and/or water heaters. This equipment is included in the PM plan. Seven facilities earned a Superior rating for Boilers, Water Heaters, Steam, & Hot-water Distribution.

Windows are included in the PM plan. All facilities received a passing rating for Windows, Caulking, & Skylights, and no issues or concerns were identified at five facilities.



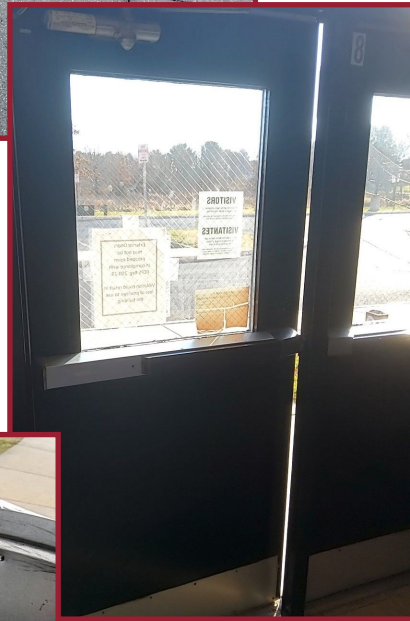
12 facilities received a passing rating for Electrical Distribution & Service Equipment. No issues or concerns were identified with the electrical systems at six facilities.

Ceiling tiles are maintained by the on-site custodial staff and the maintenance department as needed. One facility earned a Superior rating for Ceilings.



Weaknesses

Seven facilities received a failing rating for Roadways, Parking Lots, & Walkways. Uneven surfaces were identified at six facilities, and cracks in the roadways and/or parking lots were observed at 10 facilities. There were no PM work orders for the roadways, parking lots, or walkways at any facility.



Even though entryways and exterior doors were identified in the PM plan and CMMS work order history, nine facilities were noted with entryways and exterior doors not functioning properly.

The PM plan identifies semi-annual maintenance for exhaust fans. Exhaust fan issues were noted at six facilities, such as cracked belts, rusted pulleys, and non-functional equipment.

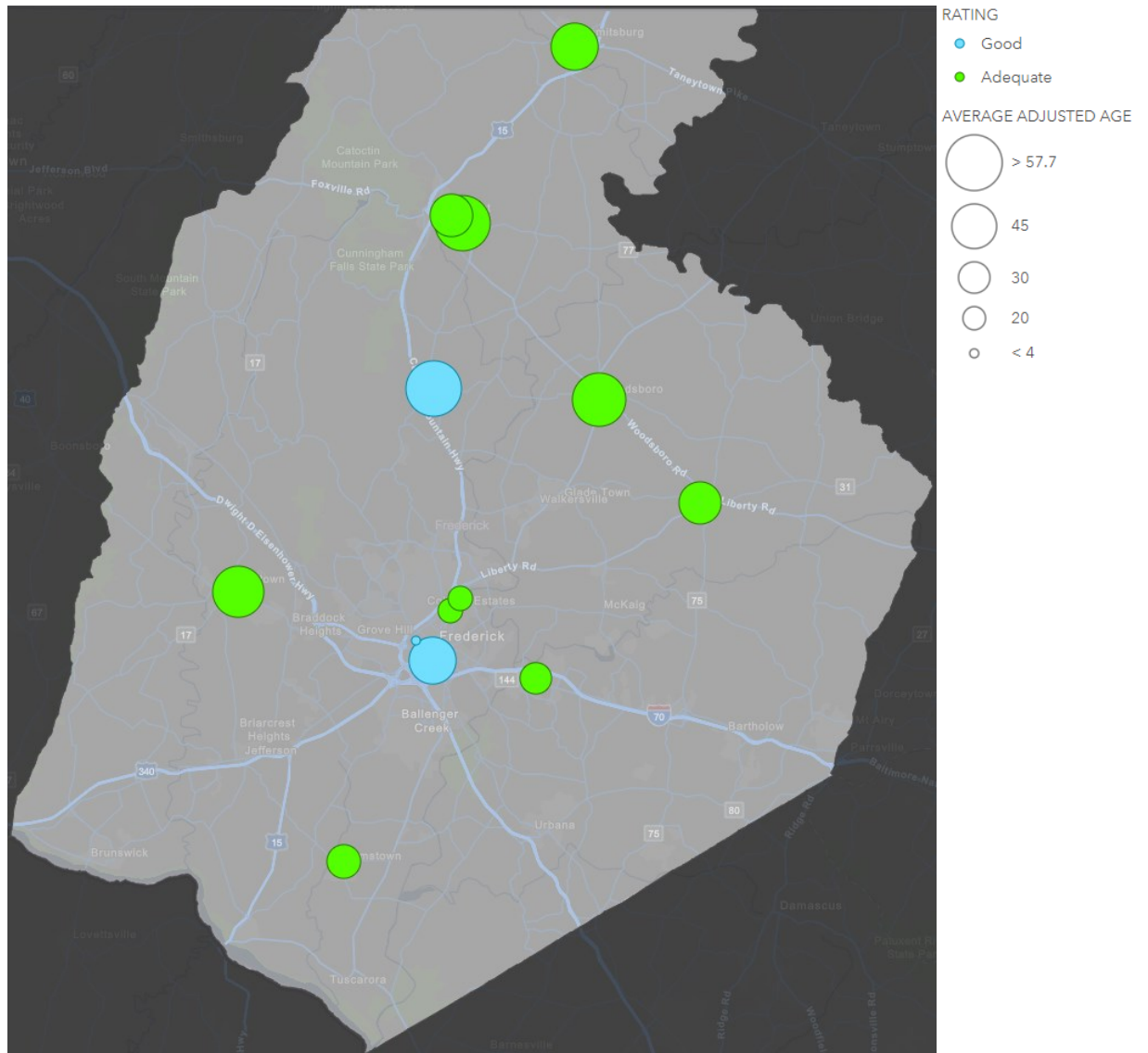


Vegetation growth or vegetative debris were identified at nine facilities, and exposed felts were observed on several of the ballast-covered roof sections at eight facilities. Six facilities received a Not Adequate rating for Roofs, Flashing, and Gravel Stops.

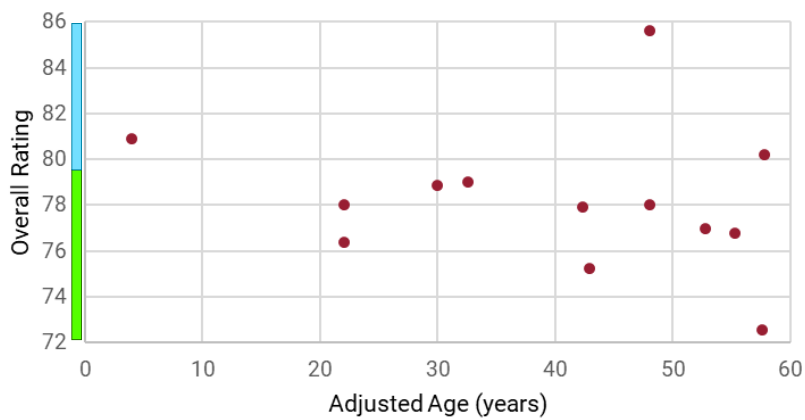
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	7
	Grounds	0	3
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	0	2
	Relocatables & Additional Structures	0	1
Building Exterior	Exterior Structure & Finishes	0	1
	Roof Drains, Gutters, & Downspouts	0	1
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	0
	Roofs, Flashing, and Gravel Stops	0	1
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	1
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	0
	Interior Lighting	0	1
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	2
	Electrical Distribution & Service Equipment	0	1
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	1
	Plumbing Fixtures and Equipment	0	3
	Fire and Safety Systems & Utility Controls	0	1
	Conveyances	0	2
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	28

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- The PM schedule should be expanded for each facility to encompass all assets, systems, and structural elements.
- Roadways, parking lots, and walkways should be added to the PM schedule. Consider applying sealants to asphalt parking lots and roadways to slow deterioration until such assets can be resurfaced.
- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as issues with roofs, exterior door hardware, and exhaust fans.
- Deficiencies noted during the PM checks should be entered and tracked using the CMMS.
- Implementing quality control procedures is recommended to ensure PM work orders are being completed effectively and the actions taken to complete the work are recorded accurately.

GARRETT COUNTY

Total School Facilities Assessed in FY 2022: 3

Broad Ford Elementary

Fiscal Year 2022: Key Facts

13 facilities

Garrett County has 13 active school facilities.
No change since FY 2021.

34.0 years old

The average adjusted age of all 13 school facilities is 34.0 years old.
+ 1 year since FY 2021.

> 0.7 M GSF

Garrett County maintains 741,671 SF throughout its 13 school facilities. It has the 21st greatest amount of SF of LEAs in MD.

No change since FY 2021.

> \$0.3 B

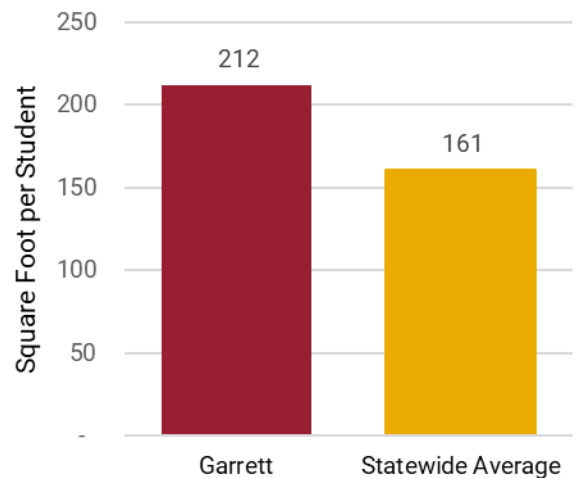
The current replacement value for Garrett County's GSF, at the IAC's current replacement cost/SF, is greater than \$0.3 B.

71.7% (Adequate) = Average Overall Rating for FY 2022
+ 0.46% since FY 21

FY 2022 Overall Rating Results by School Type

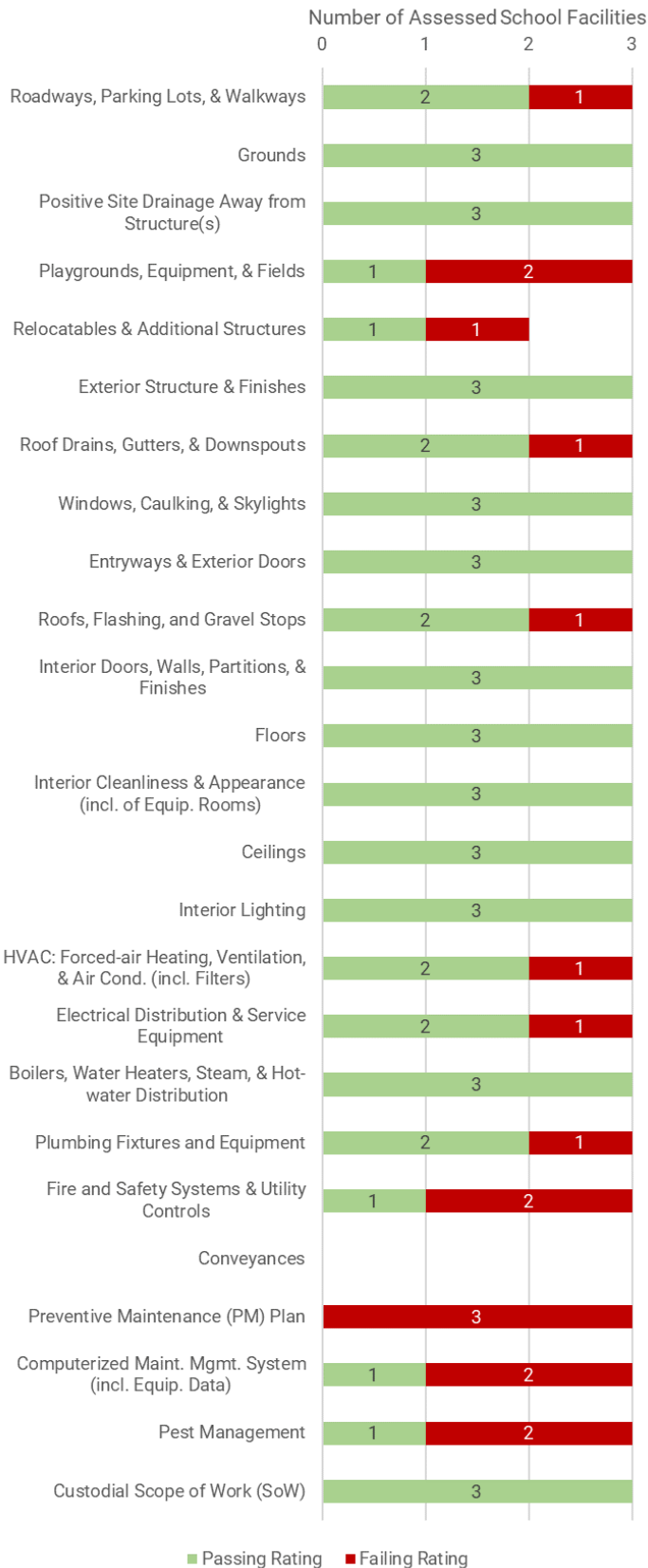
	Elementary	Middle	
Superior			
Good			
Adequate	1	1	2
Not Adequate	1		1
Poor			
Totals	2	1	3

Average Square Foot per Student



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Broad Ford Elementary (11.006)	Elementary	54,760	45	Not Adequate	0	2	15	7	0	0	3
2. Southern Middle (11.008)	Middle	92,000	45	Adequate	0	3	18	2	0	0	4
3. Crellin Elementary (11.012)	Elementary	12,514	49	Adequate	0	8	13	3	0	0	1
Totals					0	13	46	12	0	0	8
Percentage of Total Ratings for System					0%	18%	65%	17%	0%		

FY22 Passing vs Failing Rating per Category



Strengths



While more progress is still needed, the usage of the CMMS to submit and track work orders appears to have vastly improved since FY21's MEAs.

No issues were observed with the windows, and all functioned properly.



All three facilities received a Good rating for Boilers, Water Heaters, Steam, & Hot-water Distribution. No issues were observed with the functionality of the assessed equipment. The boilers and water heaters are identified in the PM plan.

Interior cleaning is included in the custodians' SoW. One facility received a Good rating for Interior Cleanliness & Appearance (incl. of Equip. Rooms).



Weaknesses

Pest management does not appear to be tracked using the CMMS. At two facilities, the pesticide business license and other pesticide paperwork were expired. Both facilities were also observed with ineffective sticky traps.



The walkways were cracked and the roadways were cracked and/or deteriorated at all three facilities.

Many essential and non-essential assets were not listed or identified in the PM plan or asset list. Emergency lights and/or emergency exit signs were not working properly at all three facilities.

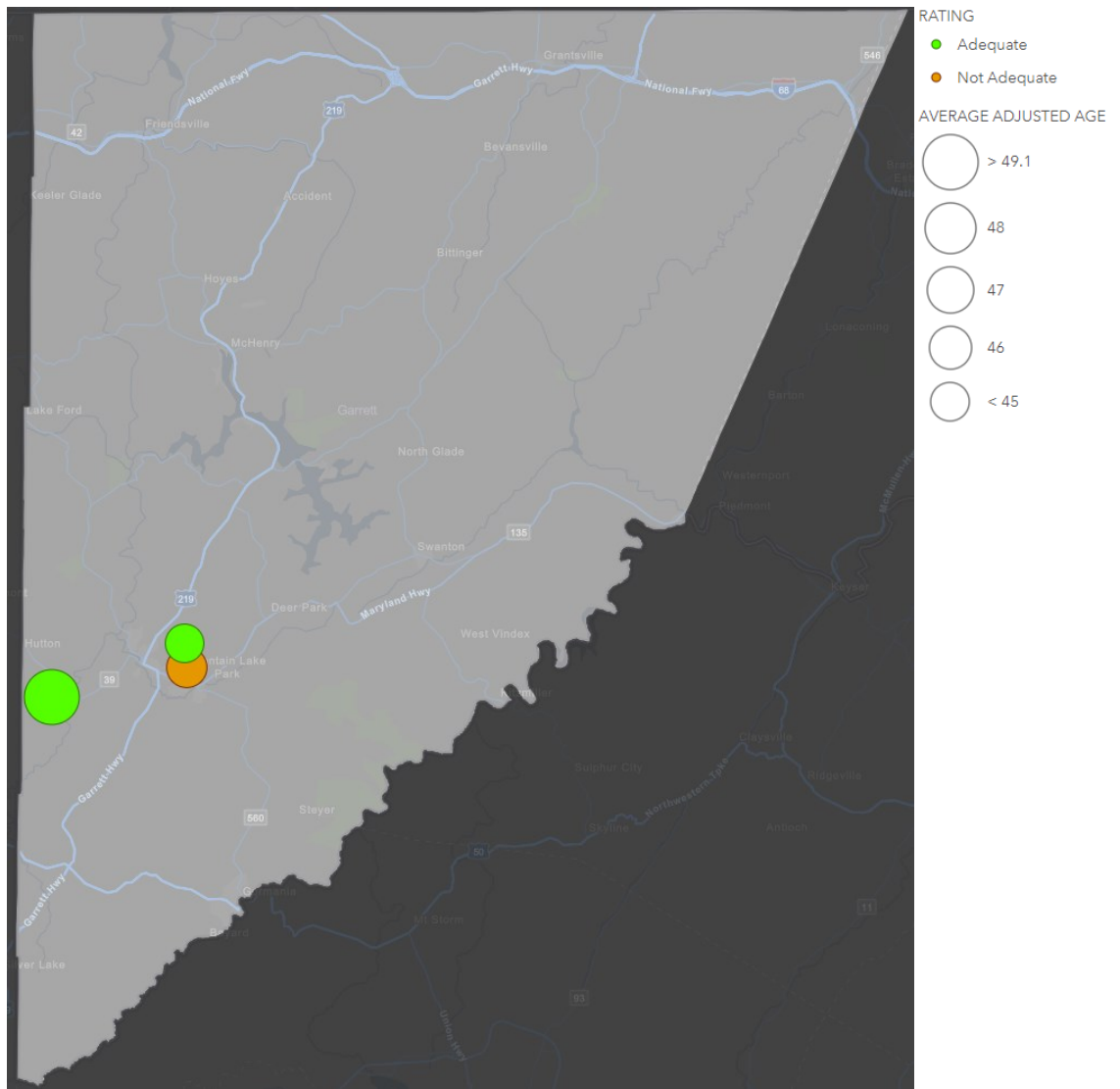


The pea gravel impact surface was low at two facilities. Vegetation was growing from the playground pea gravel at one facility.

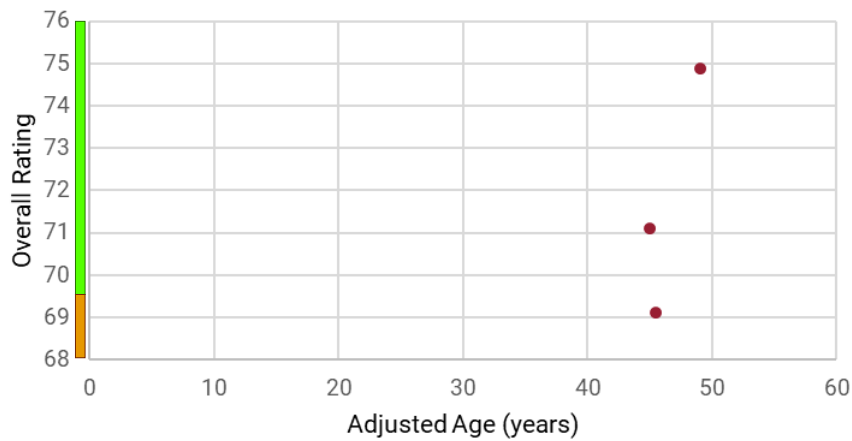
FY 2022 Results: Summary of Deficiencies by Category

		# of Major Deficiencies	# of Minor Deficiencies
	Category		
Site	Roadways, Parking Lots, & Walkways	0	0
	Grounds	0	0
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	0	2
	Relocatables & Additional Structures	0	1
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	1
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	0
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	0
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	0
	Interior Lighting	0	0
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	0
	Electrical Distribution & Service Equipment	0	1
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	0
	Plumbing Fixtures and Equipment	0	1
	Fire and Safety Systems & Utility Controls	0	2
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	8

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- The PM schedule should be expanded for each facility to encompass all assets, systems, and structural elements listed in the CMP.
- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as non-functional emergency lighting and damaged playground equipment.
- Emergency lights maintenance should be tracked using the CMMS. Regularly scheduled PM should generate work orders for the assets that need to be inspected.
- PM work orders should generate automatically in the CMMS for each asset tag rather than for a group of asset tags so PM and follow-up corrective work orders can be more easily tracked for individual equipment.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted.

HARFORD COUNTY

Total School Facilities Assessed in FY 2022: 10



Dublin Elementary

Fiscal Year 2022: Key Facts



Harford County has 52 active school facilities.
- 1 facility since FY 2021.



The average adjusted age of all 52 school facilities is 30.9 years old.
+ 0.8 years since FY 2021.



Harford County maintains 6,054,298 SF throughout its 52 school facilities. It has the 8th greatest amount of SF of LEAs in MD.
- 83,665 SF since FY 2021.



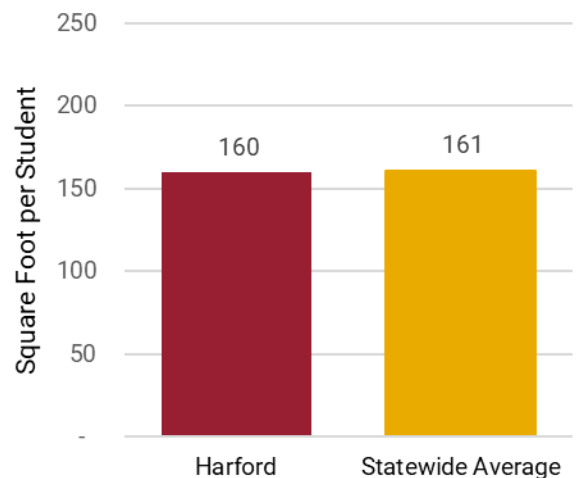
The current replacement value for Harford County's GSF, at the IAC's current replacement cost/SF, is greater than \$2.6 B.

76.41% (Adequate) = Average Overall Rating for FY 2022
- 1.15% since FY 21

FY 2022 Overall Rating Results by School Type

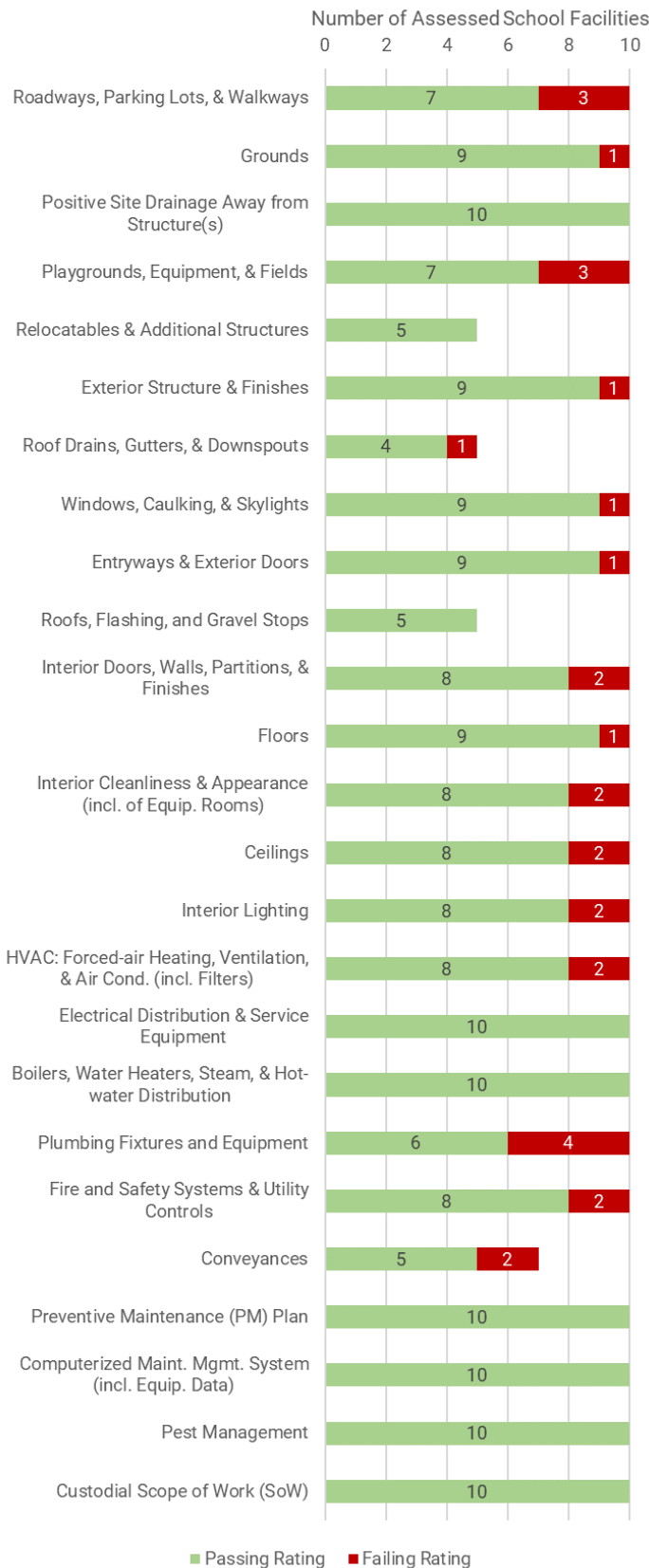
	Elementary	Middle	Middle/High	High	
Superior					
Good	2				2
Adequate	4	2	1	1	8
Not Adequate					
Poor					
Totals	6	2	1	1	10

Average Square Foot per Student



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. William Paca/Old Post Rd. Elementary (12.003)	Elementary	112,417	51	Adequate	1	1	12	7	0	0	2
2. Bel Air High (12.004)	High	262,454	13	Adequate	0	6	16	1	0	0	2
3. Prospect Mill Elementary (12.012)	Elementary	75,538	41	Good	4	5	14	0	0	0	1
4. Edgewood Middle (12.014)	Middle	166,530	51	Adequate	0	7	16	2	0	0	0
5. Jarrettsville Elementary (12.017)	Elementary	61,275	44	Good	3	11	11	0	0	0	1
6. Magnolia Middle (12.021)	Middle	149,100	43	Adequate	1	1	17	3	0	0	2
7. Dublin Elementary (12.027)	Elementary	44,385	34	Adequate	2	11	12	0	0	0	1
8. Havre de Grace Middle/High (12.039)	Middle/High	250,111	1	Adequate	2	12	11	0	0	0	3
9. Riverside Elementary (12.045)	Elementary	55,711	53	Adequate	0	7	14	0	0	0	2
10. Edgewood Elementary (12.054)	Elementary	67,341	19	Adequate	0	6	13	3	0	0	2
Totals					13	67	136	16	0	0	16
Percentage of Total Ratings for System					6%	29%	59%	7%	0%		

FY22 Passing vs Failing Rating per Category



Strengths

DATE	NAME	AREA/RM#	PEST DESCRIPTION/COUNT	ACTION
3/23/21	Zach	Mac. offc	Act1	Viewed
3/23/21	Zach	Mac. offc	Act1	Spray Act1
3/23/21	Zach	Mac. offc	Act1	Act Top (2)
4/1/21	DAVE	Mac. offc	Act1	Spray Act1
4/1/21	Zach	Mac. offc	Act1	Spray Act1
4/1/21	Zach	Mac. offc	Act1	Spray Act1
4/1/21	Zach	Mac. offc	Act1	Spray Act1
4/1/21	DAVE	Room 2101	Act1	Act Top (2)
4/1/21	Zach	offc 1100	Act1	HOUSE TRAP
4/1/21	Zach	offc 1100	Act1	Spray
4/1/21	Zach	offc 1100	Act1	Viewed
5/10/21	Zach	Nurs. offc	Act1	(2) Trap
5/10/21	Zach	Nurs. offc	Act1	Spray Viewed
5/11/21	Zach	Class	Act1	Viewed / SF
5/11/21	Zach	Nurs. offc	Act1	Spray View
5/11/21	Zach	Nurs. offc	Act1	Spray View
5/11/21	Zach	Nurs. offc	Act1	Viewed / SF
5/11/21	Zach	Class	Act1	Spray Viewed
5/11/21	Zach	Class	Act1	Trap (1)
5/11/21	DAVE	Class	Act1	Trap (1)
5/11/21	DAVE	School Store	Trap	Trap (1)
5/11/21	DAVE	A 301	Trap	Trap (1)
5/11/21	DAVE	A 302	Trap	Trap (1)

March 31, 2021

The CMMS is utilized along with on-site pest sighting and tracking logs for pest management activities. One facility earned a Superior and six facilities received a Good rating for Pest Management.

Floors were observed to be polished and well maintained throughout most areas. Two facilities achieved a Superior rating for Floors.



All facilities achieved passing ratings for Boilers, Water Heaters, Steam, & Hot-water Distribution. The DLLR inspections were current for all applicable equipment.

Grounds were well maintained in most locations. One facility earned a Superior rating and three facilities received a Good rating for Grounds.



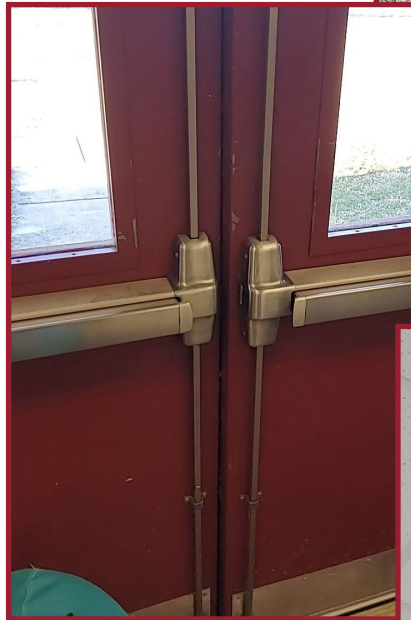
Weaknesses

Multiple toilet leaks were identified in five facilities. Three facilities received a Not Adequate rating for Plumbing Fixtures and Equipment.



Uneven walkway surfaces or curbs higher than the walkways were observed at four facilities. Cracked and sunken walkways were noted at six facilities.

Five facilities were identified with exterior doors that did not close properly or slammed shut. Based on the supplied documentation, it was unclear whether PM was being scheduled or performed on exterior doors.

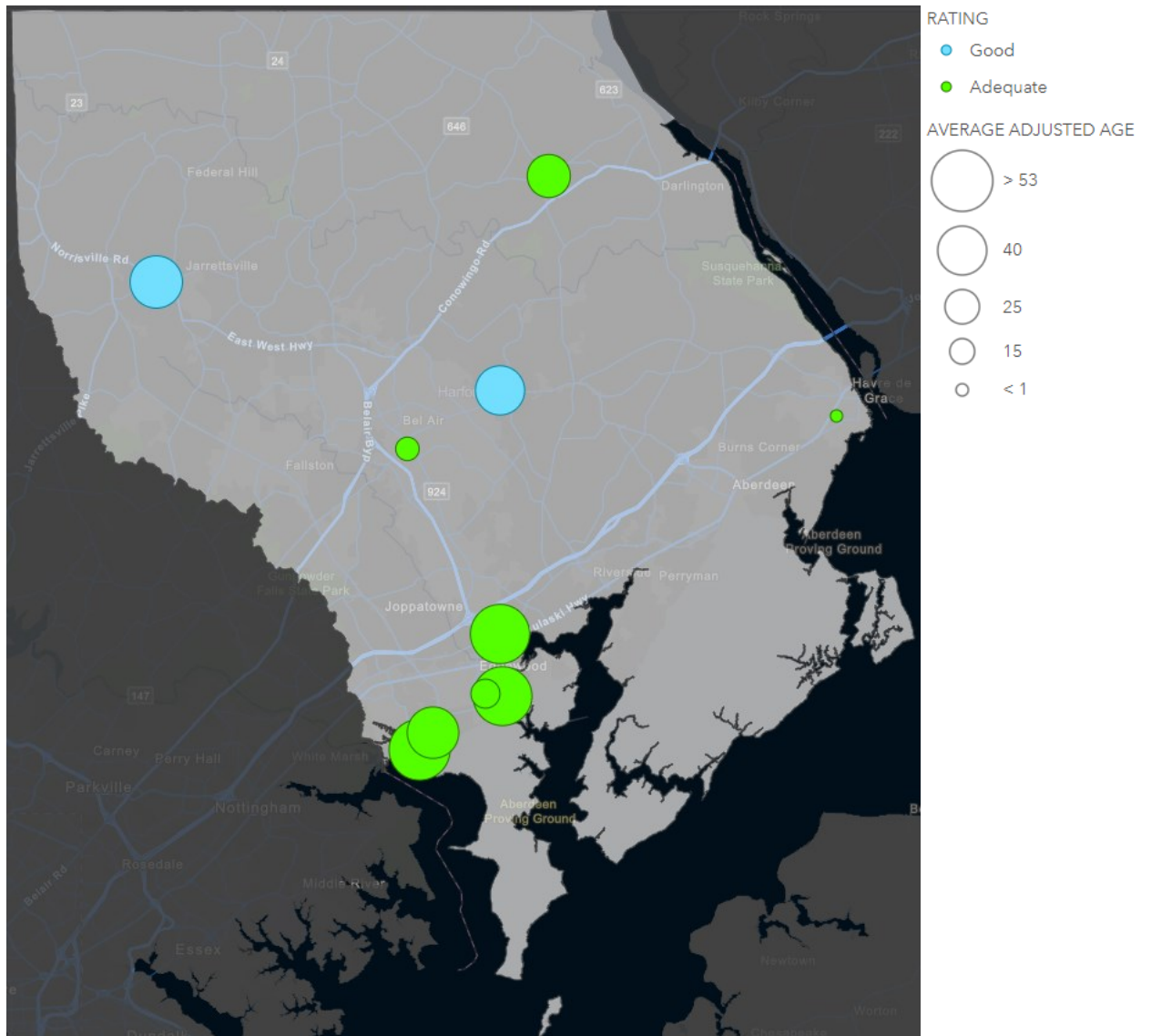


Multiple stained ceiling tiles were identified in all 10 facilities.

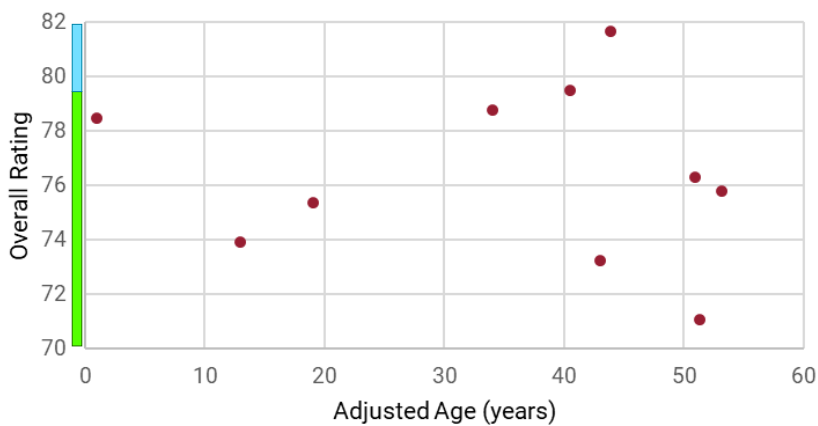
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	3
	Grounds	0	1
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	0	3
	Relocatables & Additional Structures	0	0
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	1
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	1
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	2
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	0
	Interior Lighting	0	0
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	1
	Electrical Distribution & Service Equipment	0	0
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	0
	Plumbing Fixtures and Equipment	0	1
	Fire and Safety Systems & Utility Controls	0	2
	Conveyances	0	1
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	16

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- All site-specific PM schedules should have the remainder of essential and applicable non-essential assets added and auto-populating work orders created to address all maintainable features of equipment and systems.
- Per the custodial scope of work, custodial staff should clean and operate plumbing fixtures and equipment on a daily basis. Additional communication from the custodial staff to the head custodian is recommended to address any issues noted during daily tasks.
- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as leaking plumbing fixtures and exterior door hardware issues.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted.

HOWARD COUNTY

Total School Facilities Assessed in FY 2022: 15

Harpers Choice Middle

Fiscal Year 2022: Key Facts

76
facilities

Howard County has 76 active school facilities.
No change since FY 2021.

20.6
years old

The average adjusted age of all 76 school facilities is 20.6 years old.
+ 1 year since FY 2021.

> 8.2 M
GSF

Howard County maintains 8,250,880 SF throughout its 76 school facilities. It has the 6th greatest amount of SF of LEAs in MD.

No change since FY 2021.

> \$3.5 B

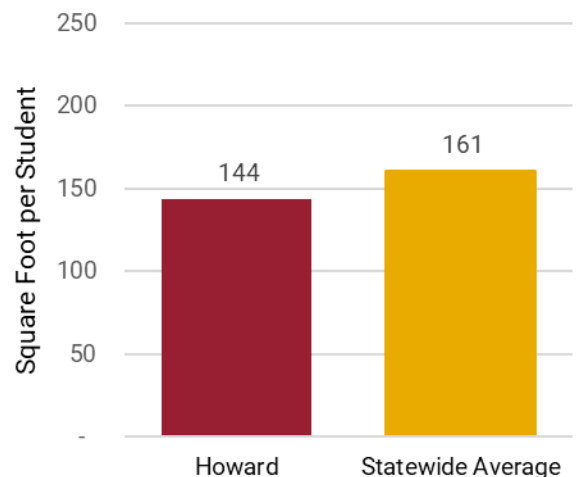
The current replacement value for Howard County's GSF, at the IAC's current replacement cost/SF, is greater than \$3.5 B.

77.11% (Adequate) = Average Overall Rating for FY 2022
+ 0.7% since FY 21

FY 2022 Overall Rating Results by School Type

	Elementary	PreK-8	Middle	High	
Superior					
Good	3				3
Adequate	7	1	3	1	12
Not Adequate					
Poor					
Totals	10	1	3	1	15

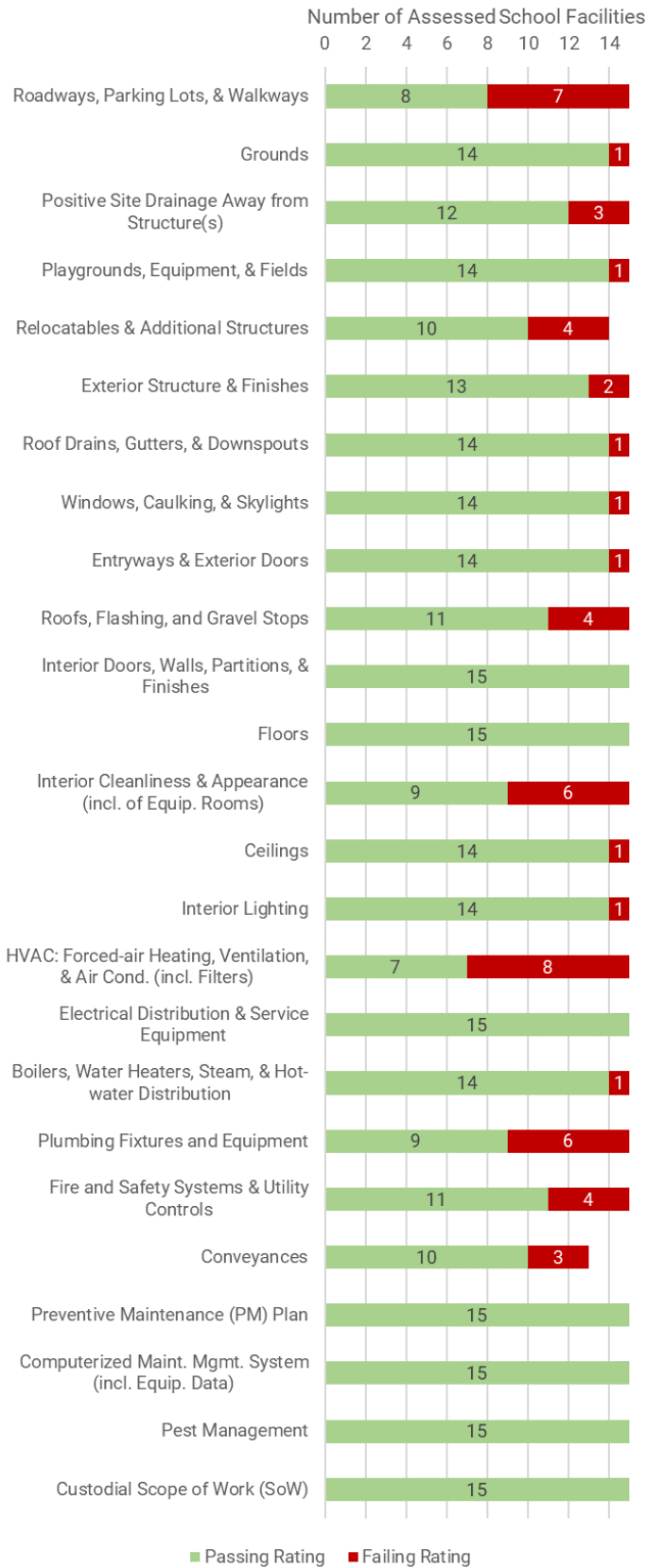
Average Square Foot per Student



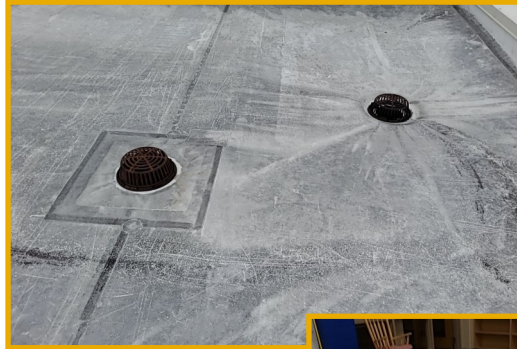
School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Oakland Mills High (13.002)	High	204,578	34	Adequate	2	6	17	0	0	0	3
2. Harpers Choice Middle (13.003)	Middle	79,220	20	Adequate	3	11	9	2	0	0	2
3. Phelps Luck Elementary (13.024)	Elementary	75,695	8	Adequate	3	6	13	2	0	0	4
4. Atholton Elementary (13.030)	Elementary	52,666	23	Adequate	0	1	18	6	0	0	1
5. West Friendship Elementary (13.032)	Elementary	47,810	17	Good	4	8	10	3	0	0	1
6. Clemens Crossing Elementary (13.034)	Elementary	60,535	12	Adequate	3	11	9	2	0	0	3
7. Cradlerock ES/Lake Elkhorn MS (13.035)	PreK-8	132,400	19	Adequate	2	6	14	3	0	0	3
8. Bollman Bridge Elementary (13.039)	Elementary	90,240	11	Adequate	0	7	18	0	0	0	1
9. Burleigh Manor Middle (13.046)	Middle	102,663	29	Adequate	0	12	10	3	0	0	1
10. Northfield Elementary (13.048)	Elementary	77,772	10	Good	4	11	9	0	0	0	1
11. Mount View Middle (13.049)	Middle	106,736	29	Adequate	1	4	18	2	0	0	2
12. Laurel Woods Elementary (13.065)	Elementary	73,448	13	Adequate	0	5	16	4	0	0	0
13. Running Brook Elementary (13.066)	Elementary	62,289	15	Adequate	4	5	16	0	0	0	1
14. Bryant Woods Elementary (13.079)	Elementary	44,401	18	Adequate	3	9	12	1	0	0	3
15. Bushy Park Elementary (13.085)	Elementary	116,818	14	Good	4	13	6	1	0	0	1
Totals					33	115	195	29	0	0	27
Percentage of Total Ratings for System					9%	31%	52%	8%	0%		

FY 2022 Results: Assessment Findings by Category

FY22 Passing vs Failing Rating per Category



Strengths



Roof drains, gutters and downspouts were identified in the roof inspections. Semi-annual roof inspections are included in the PM schedule.

All 15 facilities received a passing rating for Floors. Floor care is included in the custodial scope of work as a daily task.



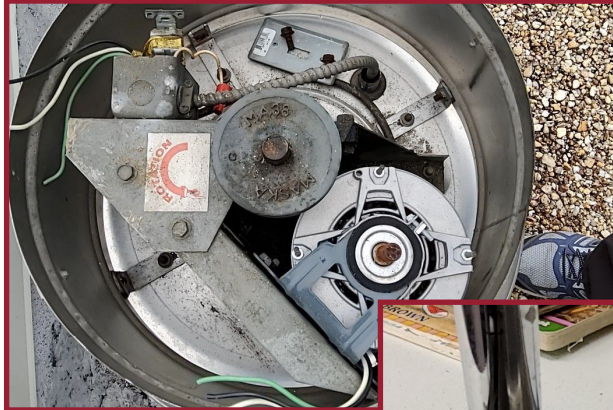
Four facilities earned a Superior rating in Electrical Distribution & Service Equipment. Infrared inspections and monthly generator inspections are tracked through the CMMS.

Eight facilities earned a Superior rating for Interior Lighting. Replacing burnt-out bulbs is performed by the on-site custodial staff as needed. Interior and exterior lighting is inspected yearly and tracked in the CMMS.



Weaknesses

Five facilities received a Not Adequate rating for HVAC. Seven facilities were identified with inoperable exhaust fans and seven facilities had dirty filters.



Eight facilities were identified with loose toilets. Eleven facilities had leaking fixtures or equipment. Six facilities received a failing rating for Plumbing Fixtures and Equipment.



Five facilities received a Not Adequate rating for Interior Cleanliness & Appearance. Stored items were restricting access to equipment in eight facilities and dirty floors were identified in seven facilities.

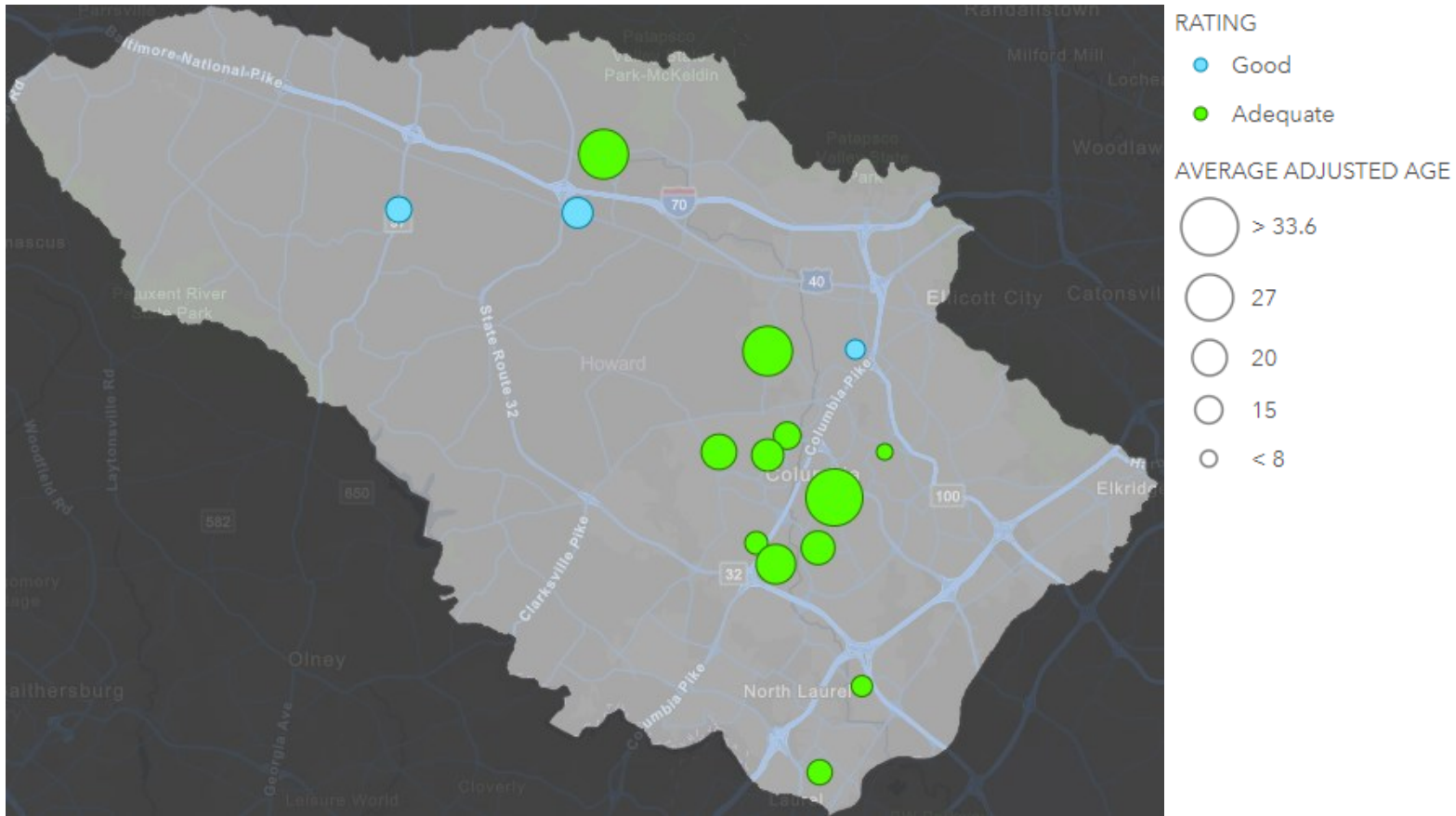


Trip hazards due to uneven surfaces at the roadways, parking lots, and walkways were noted at seven facilities.

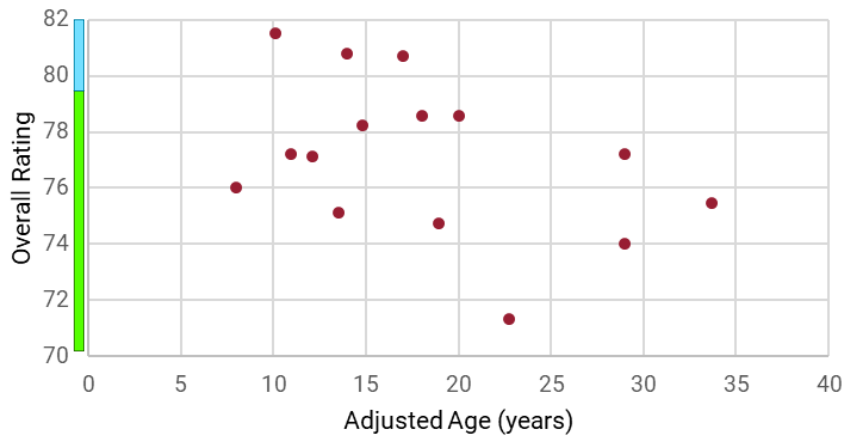
FY 2022 Results: Summary of Deficiencies by Category

	Category	# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	7
	Grounds	0	1
	Positive Site Drainage Away from Structure(s)	0	2
	Playgrounds, Equipment, & Fields	0	1
	Relocatables & Additional Structures	0	3
Building Exterior	Exterior Structure & Finishes	0	1
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	0
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	0
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	1
	Ceilings	0	1
	Interior Lighting	0	1
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	3
	Electrical Distribution & Service Equipment	0	0
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	0
	Plumbing Fixtures and Equipment	0	2
	Fire and Safety Systems & Utility Controls	0	4
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
	Total	0	27

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Implementing quality control procedures is recommended to ensure PM work orders are being completed effectively and the actions taken to complete the work are recorded accurately.
- Daily inspections of the restroom fixtures and equipment should be incorporated into the custodial scope of work and would not add additional time to cleaning routines.
- Encourage staff members to add descriptive action taken comments when updating a work order that was not or cannot be completed.
- It is recommended that staff adhere to the inspection procedures outlined in the Custodial Services Standards and Procedures manual. Areas of needed improvement would be identified on the bi-weekly building supervisors' inspection forms.

KENT COUNTY

Total School Facilities Assessed in FY 2022: 3

Garnett Elementary

Fiscal Year 2022: Key Facts

5 facilities

Kent County has 5 active school facilities.
No change since FY 2021.

43.8 years old

The average adjusted age of all 5 school facilities is 43.8 years old.
+ 1 year since FY 2021.

> 0.4 M GSF

Kent County maintains 440,226 SF throughout its 5 school facilities. It has the least amount of SF of LEAs in MD.

No change since FY 2021.

> \$0.1 B

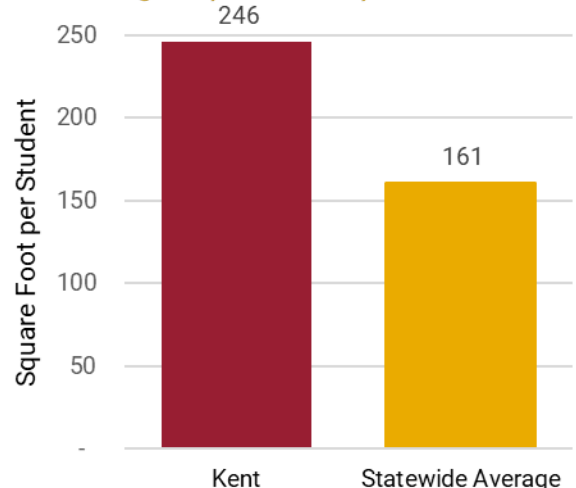
The current replacement value for Kent County's GSF, at the IAC's current replacement cost/SF, is greater than \$0.1 B.

69.47% (Not Adequate) = Average Overall Rating for FY 2022
- 3.1% since FY 21

FY 2022 Overall Rating Results by School Type

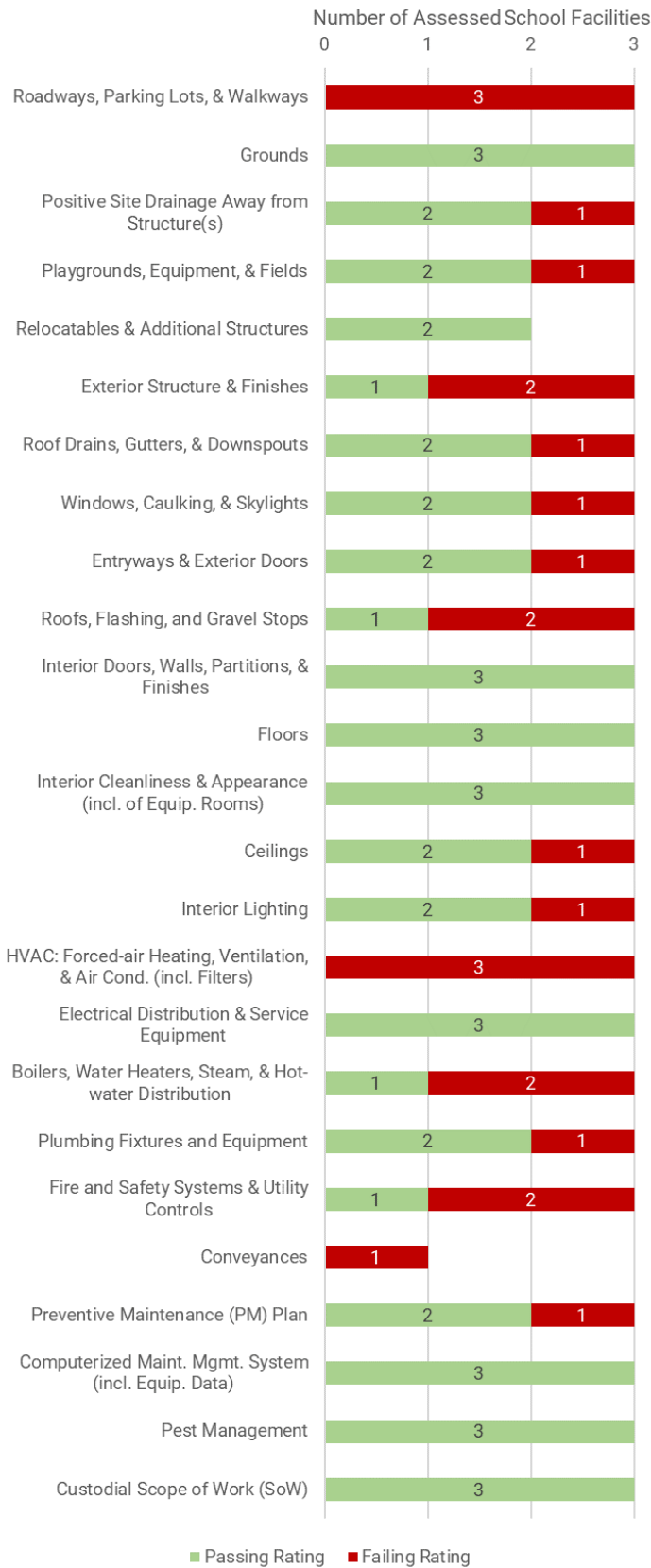
	Elementary	High	
Superior			
Good			
Adequate		1	1
Not Adequate	2		2
Poor			
Totals	2	1	3

Average Square Foot per Student



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Galena Elementary (14.002)	Elementary	58,285	58	Not Adequate	0	1	16	5	1	0	2
2. Garnett Elementary (14.006)	Elementary	59,009	47	Not Adequate	0	1	15	8	0	0	2
3. Kent County High (14.007)	High	189,626	32	Adequate	0	3	14	7	1	0	1
Totals					0	5	45	20	2	0	5
Percentage of Total Ratings for System					0%	7%	63%	28%	3%		

FY22 Passing vs Failing Rating per Category



Strengths



Good custodial care was evident with all classrooms being clean and organized.

The floors at all three facilities were clean and had a good finish.



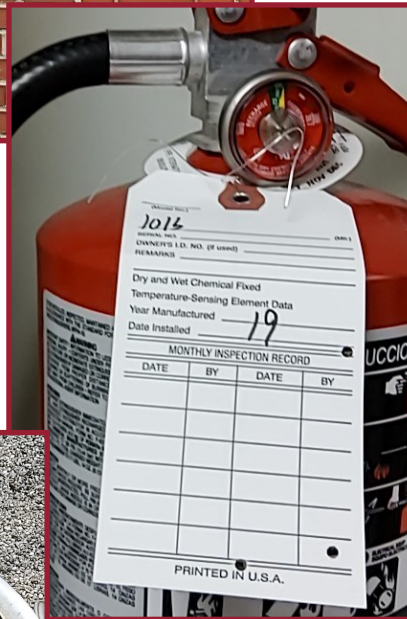
Pest management received a Good rating at two facilities. Documented pest inspections were present at two facilities. Pest traps were present at all facilities.

The windows were fully functional and no issues were observed at two facilities. Two facilities received a Good rating for Windows, Caulking, & Skylights.



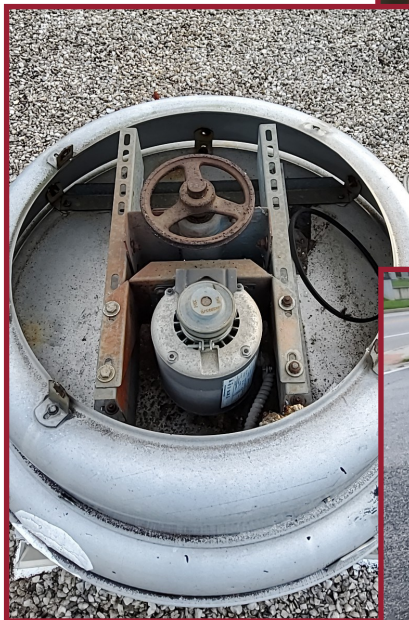
Weaknesses

Deteriorated exterior building envelope sealants were identified at all of the facilities. Deteriorated mortar joints were identified at two facilities.



Monthly fire extinguisher inspections were not being routinely completed at two facilities. Inoperable emergency lights were present at two facilities, and one facility had a fire alarm system in “trouble” status.

Inoperable exhaust fans were identified at two facilities. Two facilities received a Not Adequate rating for HVAC.

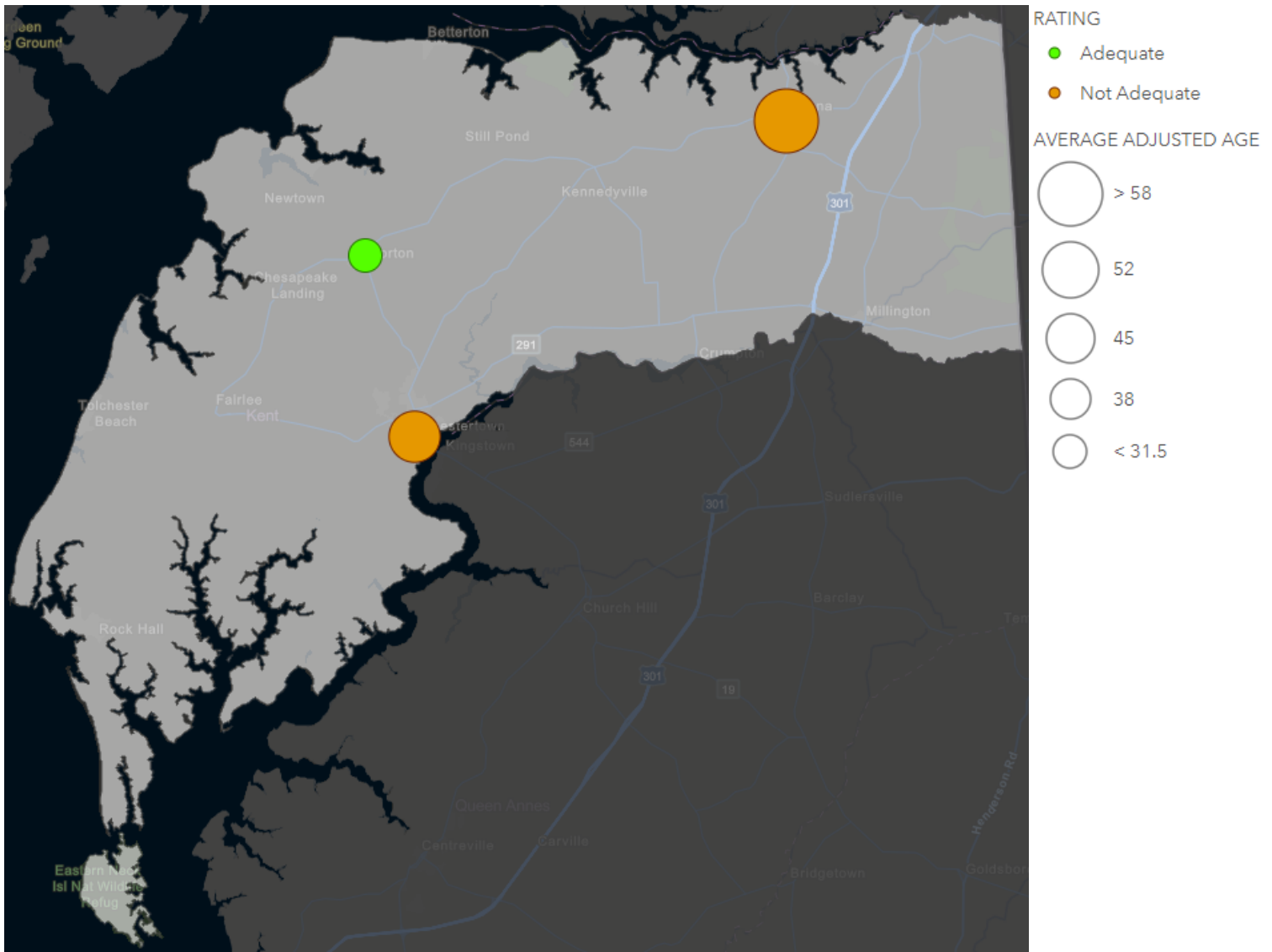


Deteriorated walkways were identified at all three facilities. Cracked and deteriorated asphalt roadways and parking lots were identified at two facilities. All three facilities received a Not Adequate ratings for Roadways, Parking Lots, & Walkways.

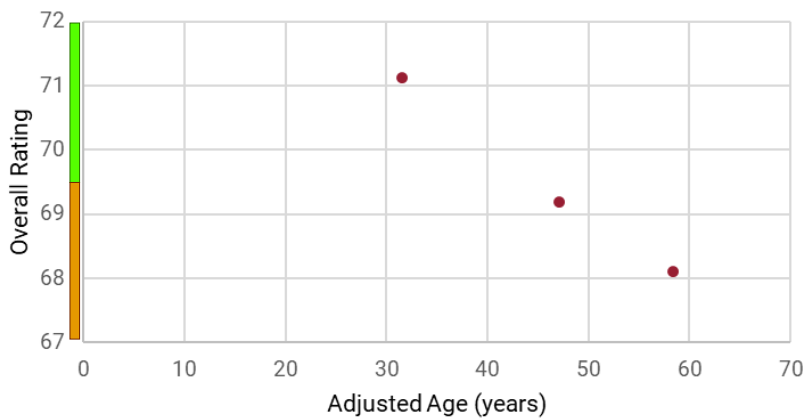
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	0
	Grounds	0	0
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	0	0
	Relocatables & Additional Structures	0	0
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	0
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	0
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	1
	Interior Lighting	0	1
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	2
	Electrical Distribution & Service Equipment	0	0
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	1
	Plumbing Fixtures and Equipment	0	0
	Fire and Safety Systems & Utility Controls	0	0
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	5

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Roadways, parking lots, and walkways should be routinely inspected. Deficiencies observed during the inspections should be documented and work orders created using the CMMS to ensure the problems are tracked and remediated in a timely manner.
- Routine inspections of the building envelope are recommended to ensure a weathertight facility. The CMMS should be utilized to initiate inspections, document deficiencies observed during the inspection, and ensure deficiencies are corrected in a timely manner.
- Ensuring all ventilation equipment is fully functional is recommended for all schools. Additional oversight is recommended to ensure PM is being completed as documented in the CMMS.
- Fire extinguishers and emergency lights should be checked on a regular basis using auto-populated PM work orders in the CMMS. An asset list should be used with the PMs to ensure that all of the equipment in the building is being serviced appropriately.

MONTGOMERY COUNTY

Total School Facilities Assessed in FY 2022: 37

Quince Orchard High

Fiscal Year 2022: Key Facts

210
facilities

Montgomery County has 210 active school facilities.
+ 1 facility since FY 2021.

25.1
years old

The average adjusted age of all 210 school facilities is 25.1 years old.
+ 1 year since FY 2021.

> 25.1 M
GSF

Montgomery County maintains 25,147,251 SF throughout its 210 school facilities. It has the greatest amount of SF of LEAs in MD.

+ 40,101 SF since FY 2021.

> \$10.8 B

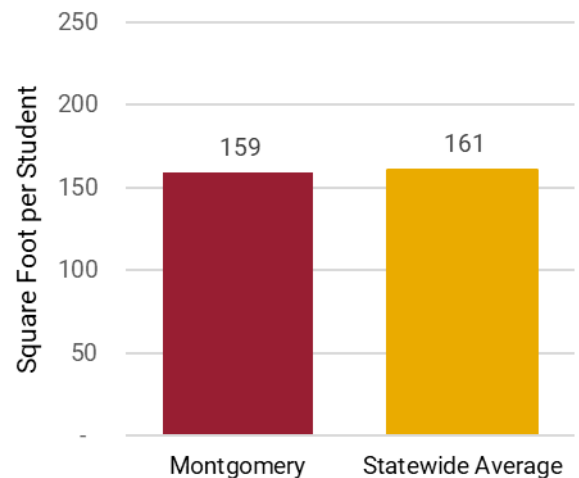
The current replacement value for Montgomery County's GSF, at the IAC's current replacement cost/SF, is greater than \$10.8 B.

73.66% (Adequate) = Average Overall Rating for FY 2022
- 1.65% since FY 21

FY 2022 Overall Rating Results by School Type

	Alternate	Elementary	Middle	High	
Superior					
Good					
Adequate	1	20	7	7	35
Not Adequate			1	1	2
Poor					
Totals	1	20	8	8	37

Average Square Foot per Student

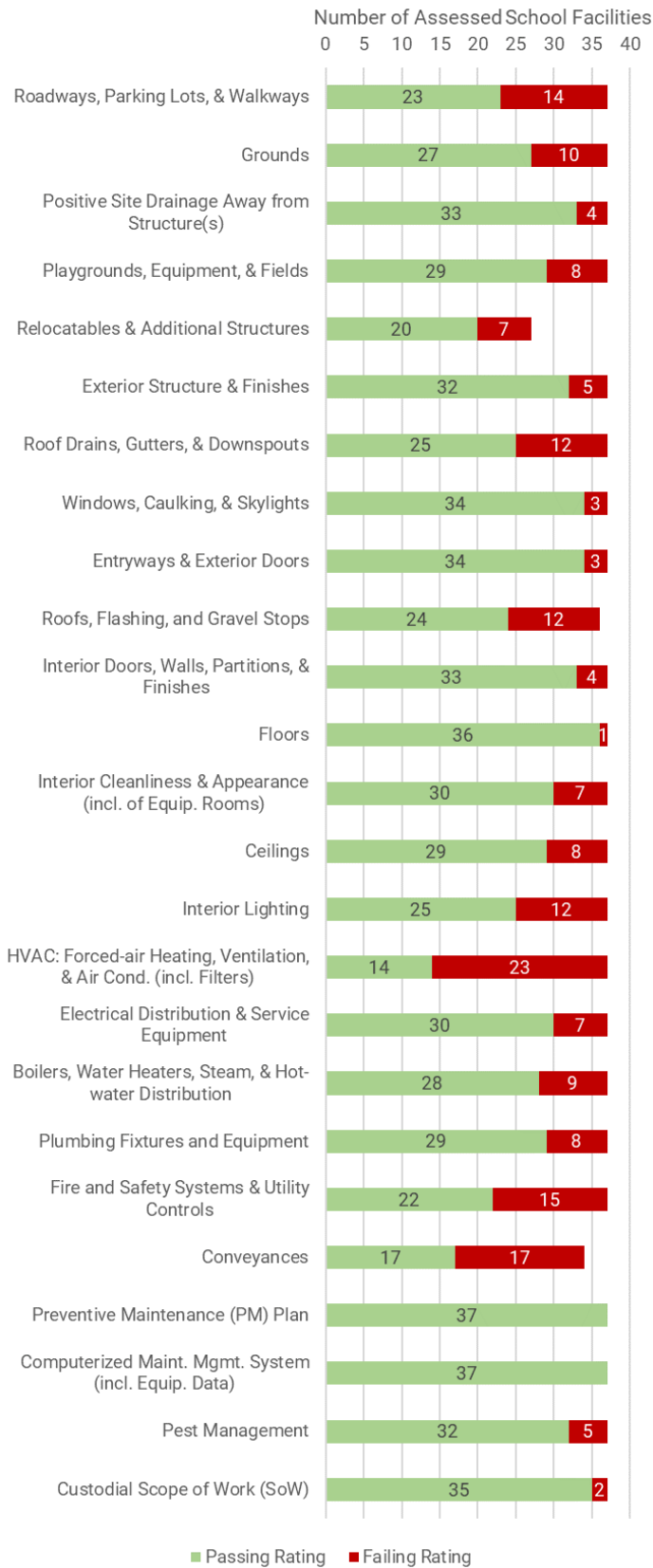


MONTGOMERY COUNTY

FY 2022 Results: Summary of School Ratings

School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Silver Spring International Middle (15.002)	Middle	154,386	50	Not Adequate	0	0	7	14	4	0	5
2. Germantown Elementary (15.013)	Elementary	57,668	49	Adequate	0	3	20	2	0	0	2
3. Bethesda-Chevy Chase High (15.030)	High	392,833	15	Adequate	0	2	18	4	0	0	1
4. Einstein (Albert) High (15.031)	High	276,462	24	Adequate	0	6	15	4	0	0	0
5. Pine Crest Elementary (15.036)	Elementary	77,121	22	Adequate	0	8	13	3	0	0	2
6. Darnestown Elementary (15.051)	Elementary	64,840	24	Adequate	0	1	15	9	0	0	1
7. Glenallan Elementary (15.054)	Elementary	98,700	8	Adequate	0	9	14	2	0	0	2
8. Wood Acres Elementary (15.060)	Elementary	96,358	16	Adequate	0	6	12	6	0	0	1
9. Weller Road Elementary (15.061)	Elementary	121,346	9	Adequate	0	5	16	3	0	0	1
10. Walter Johnson High (15.067)	High	365,138	15	Adequate	0	1	22	2	0	0	3
11. Gaithersburg Middle (15.068)	Middle	157,694	32	Adequate	0	6	16	2	0	0	1
12. Wyngate Elementary (15.075)	Elementary	89,104	20	Adequate	0	2	16	5	1	0	1
13. Takoma Park Elementary (15.081)	Elementary	85,553	26	Adequate	0	6	17	2	0	0	0
14. Rockville High (15.087)	High	316,973	17	Adequate	0	5	18	2	0	0	1
15. Damascus High (15.090)	High	235,986	44	Adequate	0	1	14	10	0	0	1
16. Olney Elementary (15.093)	Elementary	68,755	31	Adequate	1	4	15	4	0	0	3
17. Fairland Elementary (15.098)	Elementary	92,227	23	Adequate	0	2	22	1	0	0	1
18. Highland View Elementary (15.101)	Elementary	59,307	27	Adequate	0	0	18	5	2	0	2
19. Dufief Elementary (15.105)	Elementary	59,013	46	Adequate	0	3	19	3	0	0	3
20. White Oak Middle (15.119)	Middle	141,163	28	Adequate	1	5	13	5	1	0	5
21. Neelsville Middle (15.136)	Middle	131,432	40	Adequate	0	1	12	11	0	0	1
22. Poolesville Elementary (15.137)	Elementary	64,803	46	Adequate	0	6	17	0	0	0	2
23. Rock Creek Forest Elementary (15.138)	Elementary	98,140	7	Adequate	0	4	17	4	0	0	0
24. Ritchie Park Elementary (15.139)	Elementary	58,500	27	Adequate	3	3	17	2	0	0	2
25. Washington Grove Elementary (15.146)	Elementary	86,266	24	Adequate	0	9	9	6	0	0	0
26. Quince Orchard High (15.158)	High	284,912	33	Adequate	0	15	8	2	0	0	1
27. Watkins Mill High (15.166)	High	301,579	31	Not Adequate	0	4	14	7	0	0	5
28. Baker (John T.) Middle (15.182)	Middle	120,532	46	Adequate	0	5	19	1	0	0	0
29. Bells Mill Elementary (15.185)	Elementary	77,244	12	Adequate	0	12	11	1	0	0	0
30. King (Dr. Martin Luther, Jr.) Middle (15.198)	Middle	135,867	27	Adequate	3	1	16	5	0	0	2
31. Rosemont Elementary (15.203)	Elementary	88,764	22	Adequate	0	5	17	3	0	0	0
32. Paint Branch High (15.211)	High	347,169	10	Adequate	5	7	13	0	0	0	2
33. Parkland Middle (15.212)	Middle	151,169	14	Adequate	0	6	16	3	0	0	4
34. Ewing (Blair G.) Center (15.224)	Alternate	85,400	50	Adequate	0	11	13	1	0	0	3
35. Redland Middle (15.238)	Middle	112,297	35	Adequate	0	7	17	0	0	0	3
36. College Gardens Elementary (15.240)	Elementary	96,986	14	Adequate	1	9	11	3	0	0	2
37. Meadow Hall Elementary (15.250)	Elementary	61,964	25	Adequate	0	10	14	1	0	0	2
Totals					14	190	561	138	8	0	65
Percentage of Total Ratings for System					2%	21%	62%	15%	1%		

FY22 Passing vs Failing Rating per Category



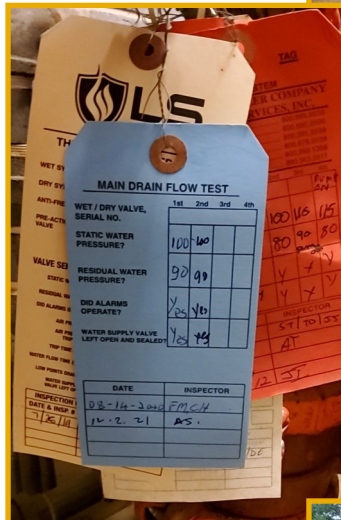
Strengths



Floors are listed as a daily task in the PM task list and as daily and weekly tasks in the custodial task list. One facility earned a Superior rating and 15 received a Good rating for Floors.



Boilers and water heaters were identified on the CMMS asset list and are listed as a weekly task in the PM task list.



The PM plan appears to include many essential assets. Some PM work orders auto-populate, such as fire alarm and sprinkler testing, roof inspections, and filter changes. Tasks lists were also created for the PM team and the building service staff outlining specific tasks and frequencies.

Windows are listed as a weekly task in the PM task list and custodial task list. Two facilities earned a Superior rating and 14 received a Good rating for Windows, Caulking, & Skylights.



Weaknesses

Three facilities were observed with ice covering the sprinkler head in the kitchen freezer. The fire alarm panels displayed trouble alarms at seven facilities.



Growing vegetation or vegetative debris were observed on the roofs at 18 facilities. Ponding water on the roofs or water leaking into the building were noted at six facilities. Roofs, Flashing, and Gravel Stops was rated Not Adequate at 11 facilities.



The filters and/or coils in HVAC units were dirty at 25 facilities. Several facilities were also noted with filters missing, installed incorrectly, or the incorrect size. 21 facilities received a Not Adequate rating and one facility earned a Poor rating for HVAC.

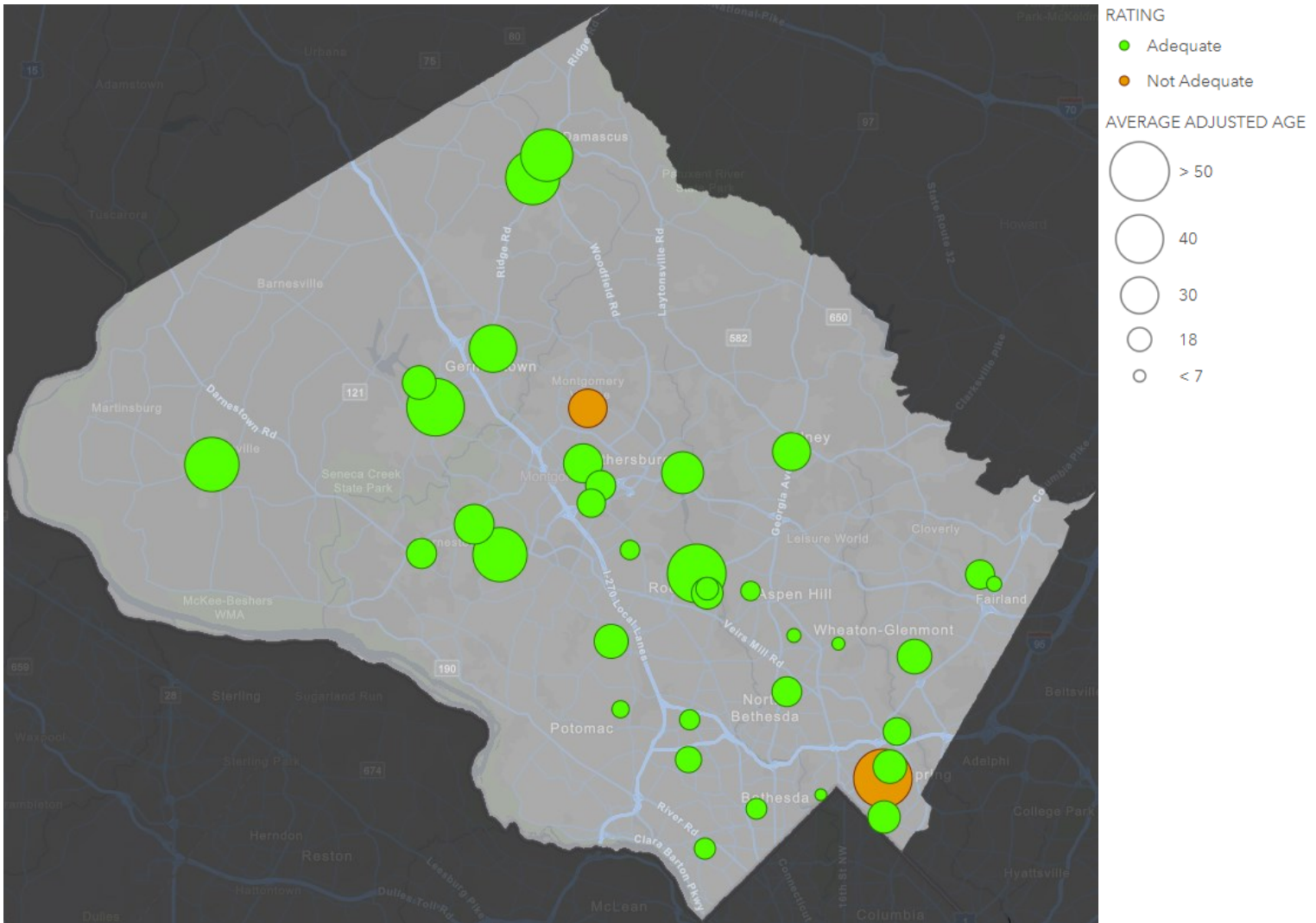


23 facilities were observed with debris collecting around the roof drains. 12 facilities received a Not Adequate rating for Roof Drains, Gutters, & Downspouts.

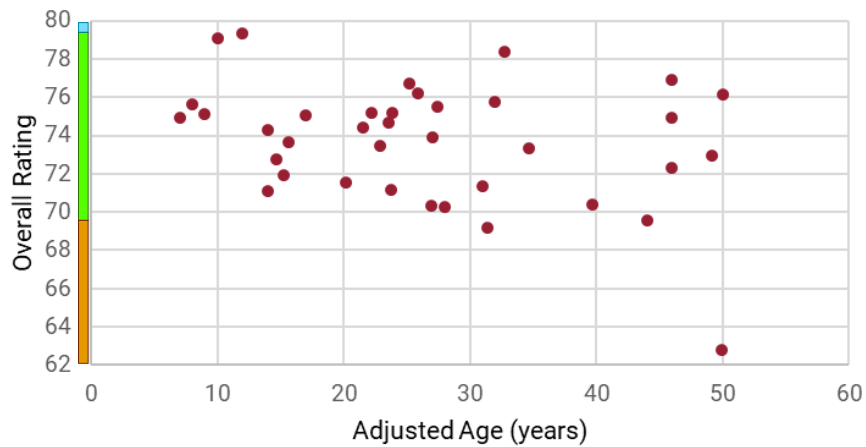
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	10
	Grounds	0	2
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	0	5
	Relocatables & Additional Structures	0	4
Building Exterior	Exterior Structure & Finishes	0	1
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	0
	Roofs, Flashing, and Gravel Stops	0	1
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	2
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	2
	Ceilings	0	1
	Interior Lighting	0	7
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	2
	Electrical Distribution & Service Equipment	0	5
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	5
	Plumbing Fixtures and Equipment	0	1
	Fire and Safety Systems & Utility Controls	0	12
	Conveyances	0	4
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	1
	Custodial Scope of Work (SoW)	0	0
Total		0	65

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as roof leaks and issues with HVAC and fire safety systems.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted.
- All PM tasks identified in the PM plan and the custodial checklists should have auto-populating PM work orders created in the CMMS.
- PM work orders should generate automatically in the CMMS for each asset tag rather than for a group of asset tags so PM and follow-up corrective work orders can be more easily tracked for individual equipment.
- Implementing quality control procedures is recommended to ensure PM work orders are being completed effectively and the actions taken to complete the work are recorded accurately.

PRINCE GEORGE'S COUNTY

Total School Facilities Assessed in FY 2022: 36



Owens (Howard B.) Science Center

Fiscal Year 2022: Key Facts

197
facilities

Prince George's County has 197 active school facilities.
+ 1 facility since FY 2021.

39.0
years old

The average adjusted age of all 197 school facilities is 39.0 years old.
+ 0.7 years since FY 2021.

> 18.6 M
GSF

Prince George's County maintains 18,652,099 SF throughout its 197 school facilities. It has the 2nd greatest amount of SF of LEAs in MD.

+ 252,940 SF since FY 2021.

> \$8.0 B

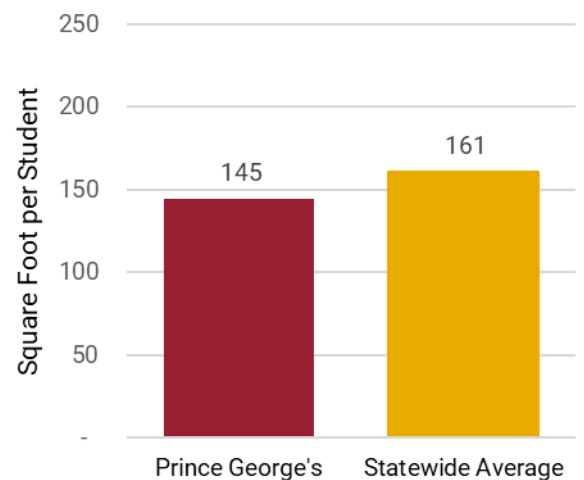
The current replacement value for Prince George's County's GSF, at the IAC's current replacement cost/SF, is greater than \$8.0 B.

66.12% (Not Adequate) = Average Overall Rating for FY 2022
- 0.37% since FY 21

FY 2022 Overall Rating Results by School Type

	Special Education	Elementary	Elementary/Middle	PreK-8	Middle	High	Science	
Superior								
Good								
Adequate		3			1			4
Not Adequate	3	13	2	3	2	7	1	31
Poor				1				1
Totals	3	16	2	4	3	7	1	36

Average Square Foot per Student



PRINCE GEORGE'S COUNTY

FY 2022 Results: Summary of School Ratings - Part 1 of 2

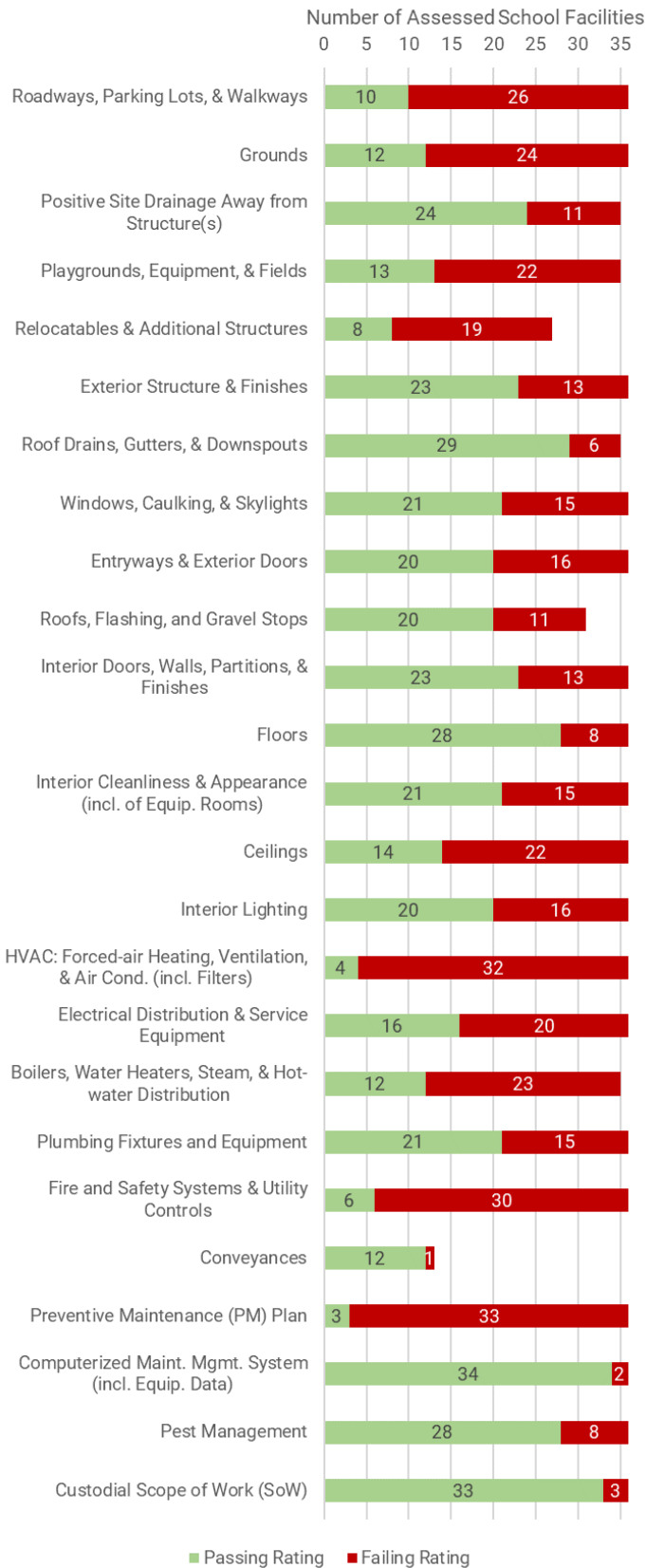
School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Gwynn Park High (16.001)	High	194,845	44	Not Adequate	0	2	15	7	1	0	5
2. Eisenhower (Dwight D.) Middle (16.008)	Middle	139,951	52	Not Adequate	0	2	15	5	0	0	6
3. Laurel Elementary (16.009)	Elementary	59,444	48	Not Adequate	0	1	16	7	0	0	6
4. Laurel High (16.014)	High	379,024	40	Not Adequate	0	2	11	10	2	0	6
5. Tayac Elementary (16.023)	Elementary	47,858	55	Not Adequate	0	2	17	4	0	0	6
6. Meadowbrook Elementary (Swing Space) (16.027)	Elementary	47,835	56	Not Adequate	0	1	6	11	4	0	3
7. Owens (Howard B.) Science Center (16.034)	Science	27,400	41	Not Adequate	0	0	18	5	0	0	3
8. Rieg (Elizabeth C.) Regional School (16.041)	Special Ed.	45,132	43	Not Adequate	0	7	12	3	2	1	3
9. Duckworth (James E.) Regional School (16.042)	Special Ed.	41,480	44	Not Adequate	0	3	10	11	0	0	4
10. Friendly High (16.046)	High	236,861	45	Not Adequate	0	0	18	7	0	0	8
11. Clinton Grove Elementary (16.053)	Elementary	44,379	56	Not Adequate	0	0	16	7	0	0	8
12. Apple Grove Elementary (16.057)	Elementary	51,842	51	Not Adequate	0	0	19	3	0	0	7
13. Northwestern High (16.072)	High	355,000	23	Not Adequate	0	0	18	7	0	0	8
14. Arrowhead Elementary (16.074)	Elementary	59,923	53	Not Adequate	0	1	11	12	0	0	5
15. University Park Elementary (16.081)	Elementary	56,264	25	Not Adequate	0	1	18	5	0	0	7
16. Oxon Hill High (16.082)	High	287,008	10	Not Adequate	0	4	13	8	0	0	6
17. Randall (James Ryder) Early Childhood Center (16.084)	Elementary	70,891	42	Not Adequate	0	0	15	8	1	1	7
18. Brandywine Elementary (16.088)	Elementary	58,155	43	Not Adequate	0	3	13	8	0	0	9
19. Chillum Elementary (16.090)	Elementary	44,946	44	Adequate	0	4	14	7	0	0	1
20. Buck Lodge Middle (16.094)	Middle	122,497	30	Not Adequate	1	2	14	5	2	0	6
21. Fuchs (Frances R.) Early Childhood Center (16.101)	Special Ed.	46,633	38	Not Adequate	1	7	11	4	1	0	6
22. Tall Oaks High (16.102)	High	39,361	38	Not Adequate	0	1	13	10	0	0	7
23. Surrattsville High (16.103)	High	167,322	33	Not Adequate	0	1	16	6	1	0	9
24. Forest Heights Elementary (16.120)	Elementary	35,971	67	Not Adequate	0	3	13	7	1	0	7
25. Pullen (Thomas G.) Creative and Performing Arts Academy (16.122)	Elementary/ Middle	110,422	53	Not Adequate	0	0	13	9	1	0	10

PRINCE GEORGE'S COUNTY

FY 2022 Results: Summary of School Ratings - Part 2 of 2

School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
26. Hanson (John) Montessori (16.128)	PreK-8	110,413	62	Poor	0	0	6	14	3	0	10
27. Angelou (Maya) French Immersion (16.136)	Elementary/ Middle	100,018	56	Not Adequate	0	4	13	6	0	0	8
28. Middleton Valley Academy (16.139)	PreK-8	45,123	59	Not Adequate	0	3	15	6	0	0	5
29. Decatur (Stephen) Middle (16.143)	Middle	120,070	46	Adequate	0	5	15	5	0	0	3
30. Carole Highlands Elementary (16.153)	Elementary	54,125	27	Adequate	0	1	19	3	0	0	4
31. Templeton Elementary (16.155)	Elementary	63,432	51	Not Adequate	0	1	13	11	0	0	10
32. Rose Valley Elementary (16.157)	Elementary	56,252	53	Adequate	1	7	11	5	0	0	2
33. Goddard (Robert) Montessori (16.181)	PreK-8	133,631	58	Not Adequate	0	3	16	5	0	0	4
34. Jackson (Andrew) Academy (16.197)	PreK-8	151,163	51	Not Adequate	0	0	9	14	1	0	8
35. Samuel Chase Elementary (16.221)	Elementary	42,624	57	Not Adequate	0	2	18	4	0	0	4
36. Evans (Francis T.) Elementary (16.238)	Elementary	57,742	38	Not Adequate	2	3	13	5	1	0	6
Totals					5	76	503	254	21	2	217
Percentage of Total Ratings for System					1%	9%	59%	30%	2%		

FY22 Passing vs Failing Rating per Category

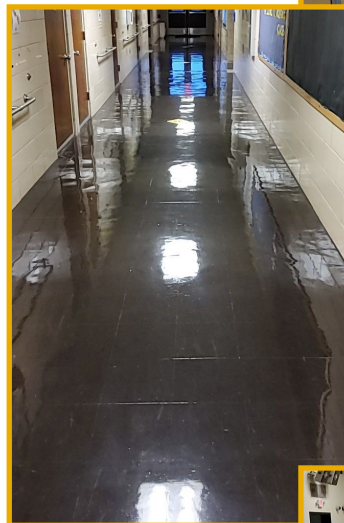


Strengths



The majority of roof drains appeared to be well maintained. Two facilities earned a Superior rating for Roof Drains, Gutters, & Downspouts.

12 out of 13 facilities with conveyance systems received a passing rating. Elevators and chairlifts were observed maintained in safe and operable order with clean interiors.



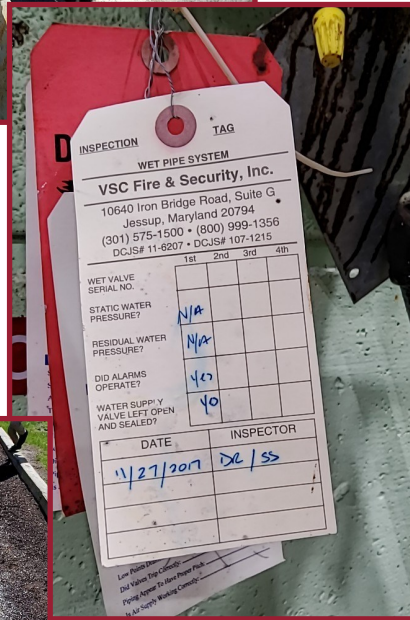
The floors were observed to be polished throughout most facilities. Seven facilities earned a Good rating for Floors.

33 facilities received a passing rating for Custodial Scope of Work. The scope was observed to have been implemented effectively at these locations.



Weaknesses

The PM plans included only a few assets with only a few auto-populating work orders. Many of those work orders were open in either a new request or pending status for extended periods of time. DLLR-regulated equipment did not appear to be included in any facility's PM plan or auto-populating work orders.



26 facilities were noted having expired or missing inspection tags for fire safety equipment. Emergency lights were inoperable or not working properly at 18 facilities. Overall, 12 facilities received a Not Adequate rating and two facilities earned a Poor rating.

The grounds or surface materials in play areas were damaged and/or contained vegetation at 21 facilities.



The protective rubberized material on the playgrounds was damaged or missing at 13 facilities.

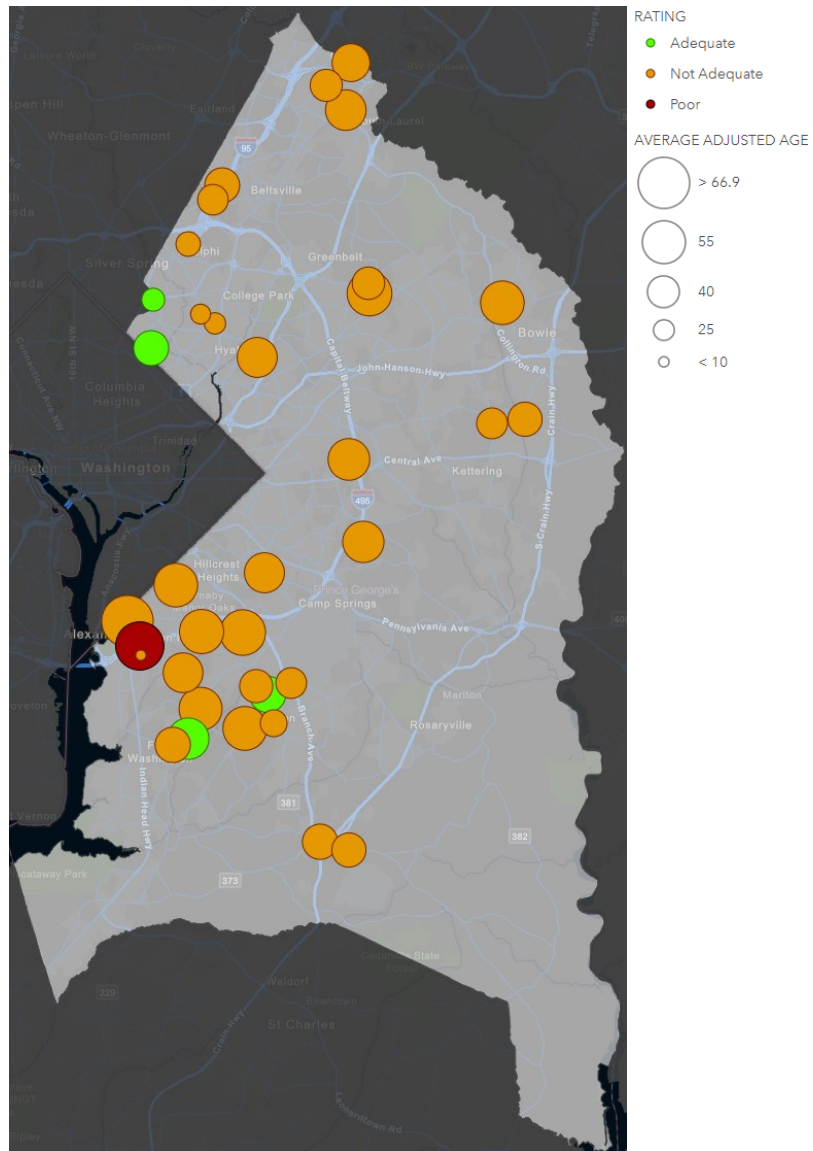


20 facilities received a Not Adequate rating and four facilities earned a Poor rating for HVAC. Some common issues included dirty or clogged filters and coils, cracked drive belts, and non-functional or improperly functioning exhaust fans.

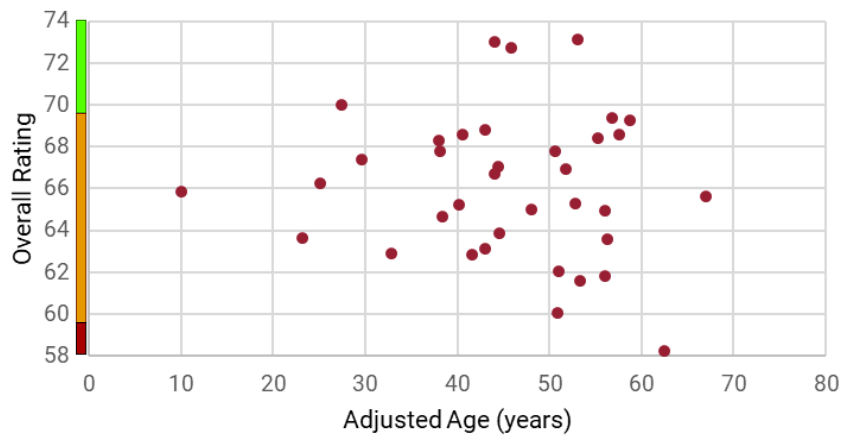
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	20
	Grounds	0	14
	Positive Site Drainage Away from Structure(s)	0	3
	Playgrounds, Equipment, & Fields	1	12
	Relocatables & Additional Structures	0	11
Building Exterior	Exterior Structure & Finishes	0	5
	Roof Drains, Gutters, & Downspouts	0	3
	Windows, Caulking, & Skylights	0	4
	Entryways & Exterior Doors	0	5
	Roofs, Flashing, and Gravel Stops	0	4
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	11
	Floors	0	7
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	11
	Ceilings	0	9
	Interior Lighting	0	14
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	15
	Electrical Distribution & Service Equipment	1	15
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	15
	Plumbing Fixtures and Equipment	0	14
	Fire and Safety Systems & Utility Controls	0	25
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		2	217

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- The PM schedule should be expanded for each facility to encompass all assets, systems, and structural elements listed in the CMP.
- PM tasks identified in the CMP and the custodial checklists should have auto-populating PM work orders created in the CMMS.
- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as damaged playground equipment, non-functional HVAC equipment, and issues with fire and safety systems.
- Playground inspections should be added to the PM schedule. Deficiencies noted during the PM checks should be entered and tracked using the CMMS.
- All equipment and building parts should be tagged with an asset tag. PM work orders should generate automatically in the CMMS for each asset tag rather than for a group of asset tags so PM and follow-up corrective work orders can be more easily tracked for individual equipment.

QUEEN ANNE'S COUNTY

Total School Facilities Assessed in FY 2022: 3

Bayside Elementary

Fiscal Year 2022: Key Facts

14 facilities

Queen Anne's County has 14 active school facilities.
No change since FY 2021.

21.0 years old

The average adjusted age of all 14 school facilities is 21.0 years old.
+ 1 year since FY 2021.

~ 1.3 M GSF

Queen Anne's County maintains 1,302,658 SF throughout its 14 school facilities. It has the 17th greatest amount of SF of LEAs in MD.

- 75 SF since FY 2021.

> \$0.5 B

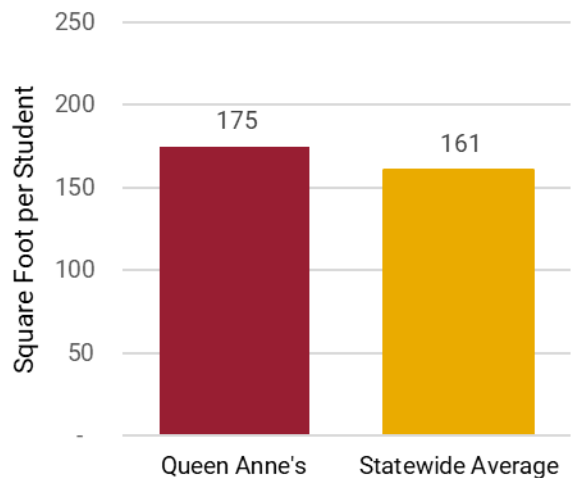
The current replacement value for Queen Anne's County's GSF, at the IAC's current replacement cost/SF, is greater than \$0.5 B.

67.28% (Not Adequate) = Average Overall Rating for FY 2022
- 0.92% since FY 21

FY 2022 Overall Rating Results by School Type

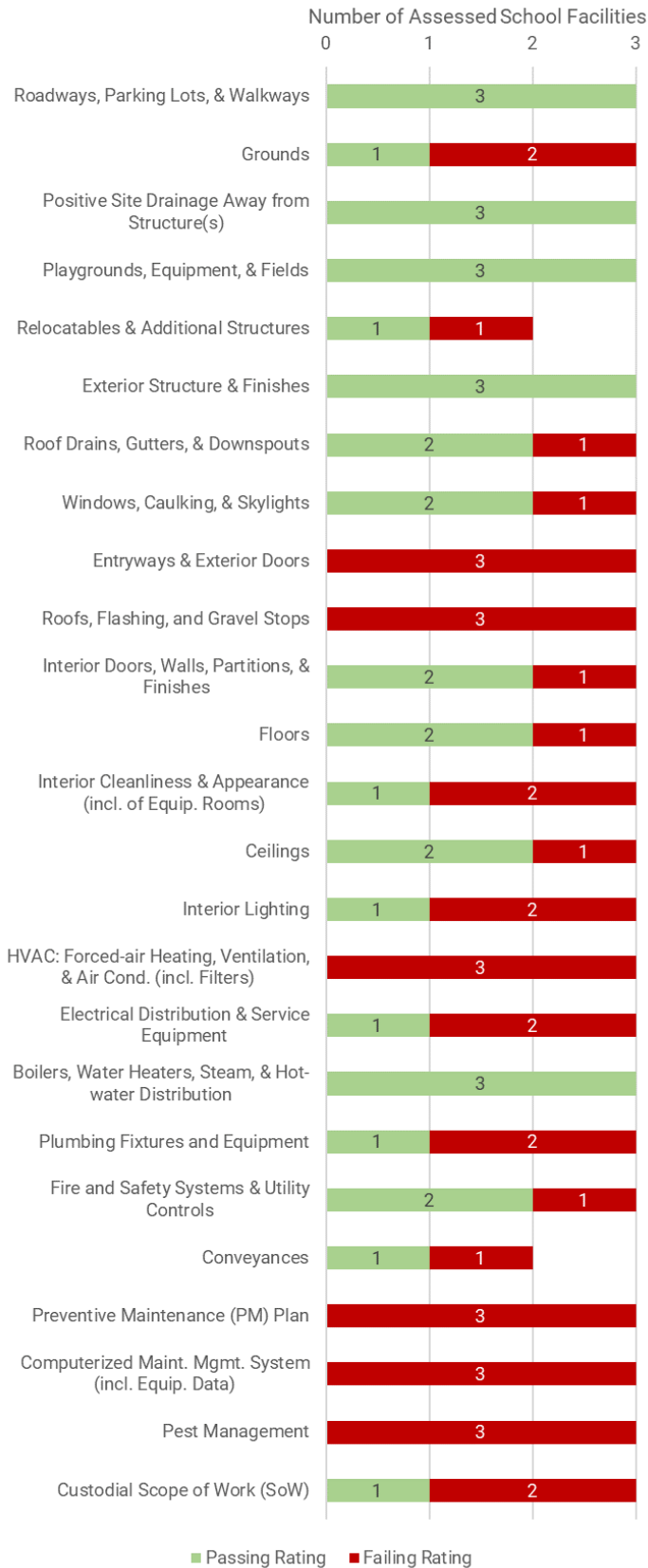
	Elementary	High	
Superior			
Good			
Adequate	2		2
Not Adequate		1	1
Poor			
Totals	2	1	3

Average Square Foot per Student



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Kent Island High (17.023)	High	91,229	23	Not Adequate	0	2	10	10	3	0	9
2. Church Hill Elementary (17.013)	Elementary	55,711	23	Adequate	0	5	13	7	0	0	4
3. Bayside Elementary (17.021)	Elementary	249,609	30	Adequate	0	0	14	9	0	0	1
Totals					0	7	37	26	3	0	14
Percentage of Total Ratings for System					0%	10%	51%	36%	4%		

FY22 Passing vs Failing Rating per Category

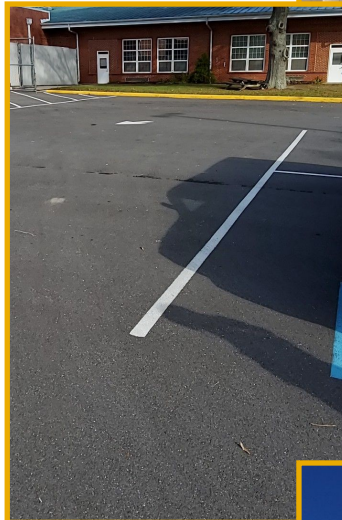


Strengths



Contracted services appear to inspect playground equipment and bleachers annually. All playground equipment appeared to be adequately maintained.

The DLLR certificates observed were all up to date. Every outlet checked had hot water.



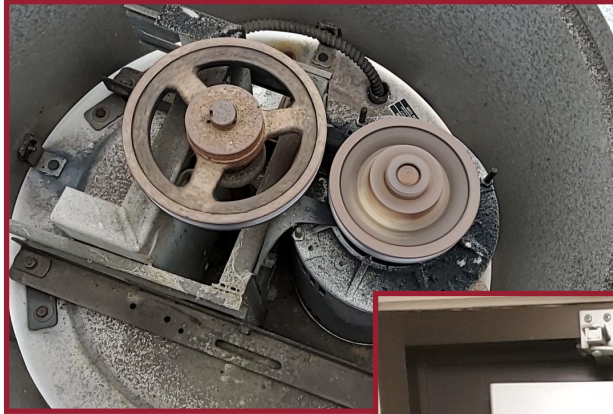
All facilities received a passing rating for Roadways, Parking Lots, & Walkways.

All three facilities received an Adequate rating for Exterior Structure & Finishes. Normal weathering and wear were observed.



Weaknesses

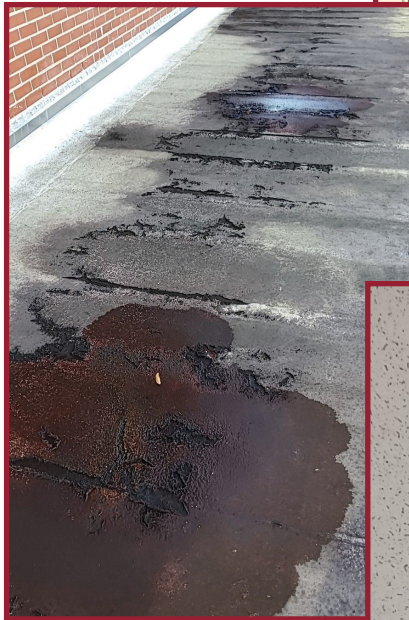
Two facilities received a Not Adequate rating for HVAC and were observed with dirt and debris on the HVAC coils, cracked and loose drive belts on exhaust fans, and ice accumulation on piping.



Two facilities were observed with exterior doors that slammed shut and had an oily substance leaking from the door hardware.



All three facilities received a Not Adequate rating for Roofs, Flashing, and Gravel Stops. The roofing material at two facilities had cracks, damage, and dark stains. The other facility had thin ballast, holes in the expansion joint seams, and vegetation on its roofing system.

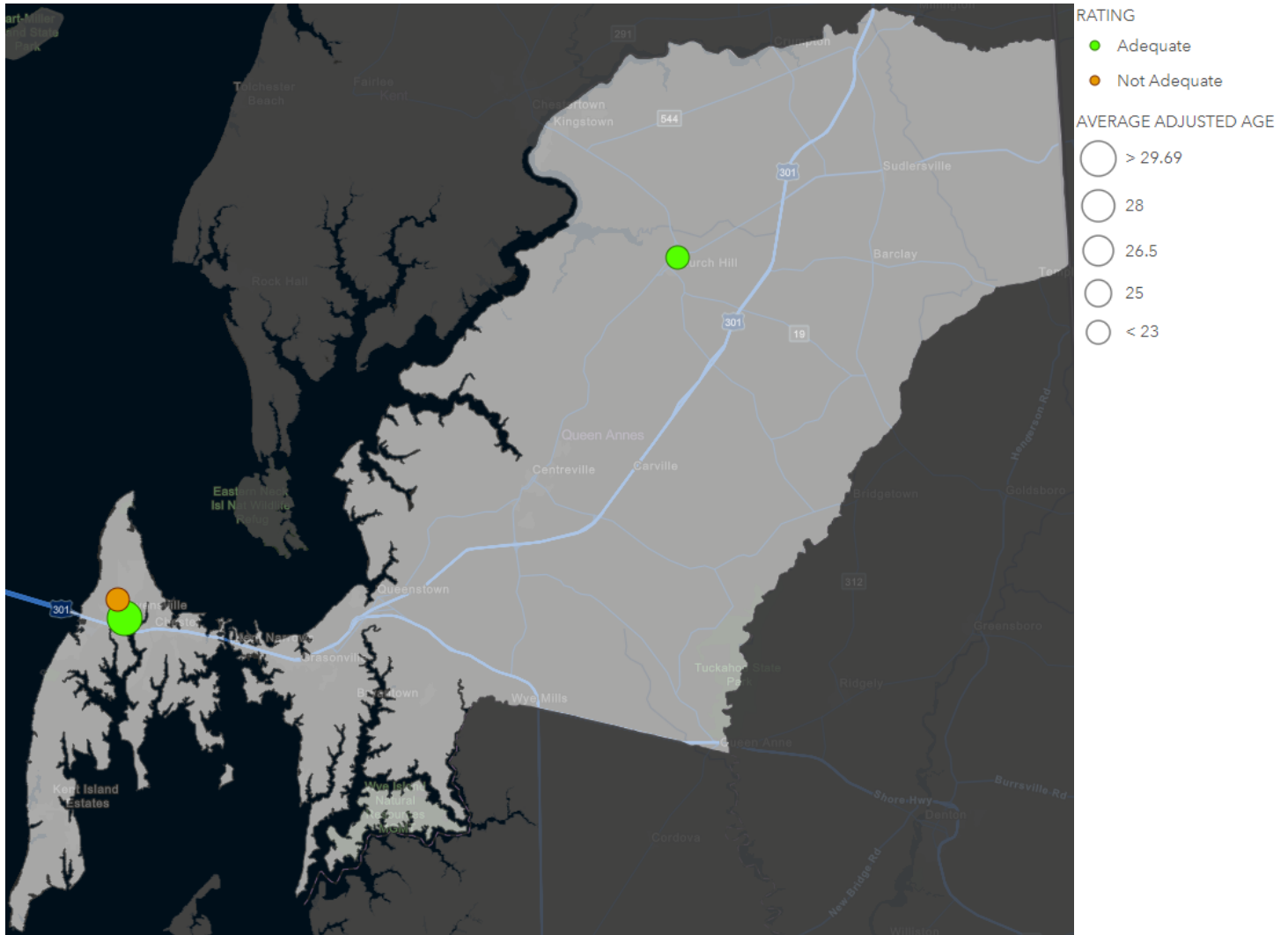


All three facilities had stained ceiling tiles, which were darkly stained at two facilities. The drop ceilings had missing ceiling tiles at two facilities.

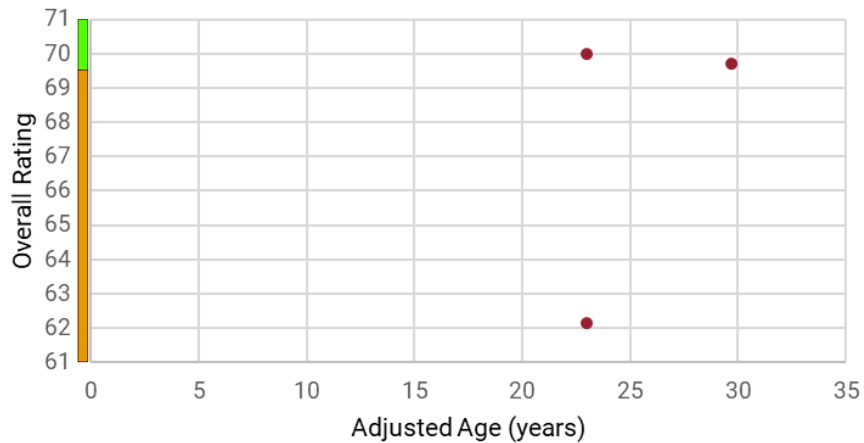
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	0
	Grounds	0	2
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	0	0
	Relocatables & Additional Structures	0	1
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	1
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	0
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	1
	Interior Lighting	0	2
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	1
	Electrical Distribution & Service Equipment	0	2
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	0
	Plumbing Fixtures and Equipment	0	1
	Fire and Safety Systems & Utility Controls	0	1
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	2
	Custodial Scope of Work (SoW)	0	0
Total		0	14

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- It is recommended that work orders be submitted following all roof inspections for issues that could not be repaired while the roof was being inspected. These work orders should be followed up in a timely manner.
- More checks are recommended to ensure that the HVAC systems are receiving the proper amount of PM work required and that the work is being performed correctly with new filters to keep the air fresh and flowing correctly, as well as ensuring that all of the exhaust fans drive belts are not cracked and that they are properly operating.
- A more aggressive ceiling tile replacement program is recommended to eliminate stained, damaged, and/or missing ceiling tiles. Once a leak has been identified, work orders for repair should be submitted, and once the repair has been performed and the leak repaired, the tiles should be replaced to eliminate the possibility of mold and other harmful growth.
- It is recommended that on-site custodians and building workers receive additional training to ensure that playground areas and equipment are inspected, cleaned, and repaired effectively for the safety of students and staff.

ST. MARY'S COUNTY

Total School Facilities Assessed in FY 2022: 5

TOWN CREEK ELEMENTARY SCHOOL

Town Creek Elementary

Fiscal Year 2022: Key Facts

27
facilities

St. Mary's County has 27 active school facilities.
No change since FY 2021.

25.6
years old

The average adjusted age of all 27 school facilities is 25.6 years old.
+ 1 year since FY 2021.

~ 2.3 M
GSF

St. Mary's County maintains 2,300,101 SF throughout its 27 school facilities. It has the 13th greatest amount of SF of LEAs in MD.

No change since FY 2021.

~ \$1.0 B

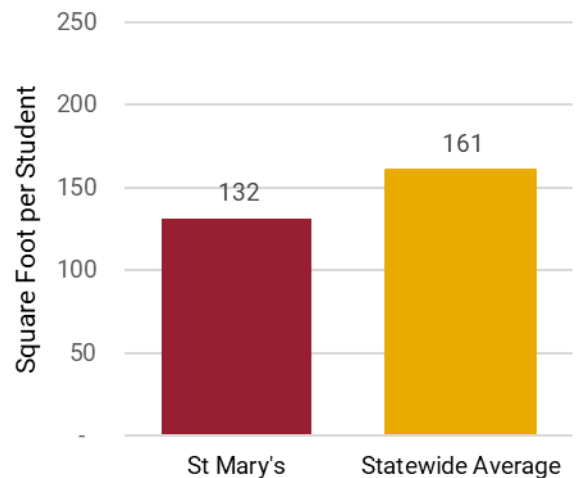
The current replacement value for St. Mary's County's GSF, at the IAC's current replacement cost/SF, is nearly \$1.0 B.

73.94% (Adequate) = Average Overall Rating for FY 2022
+ 2.79% since FY 21

FY 2022 Overall Rating Results by School Type

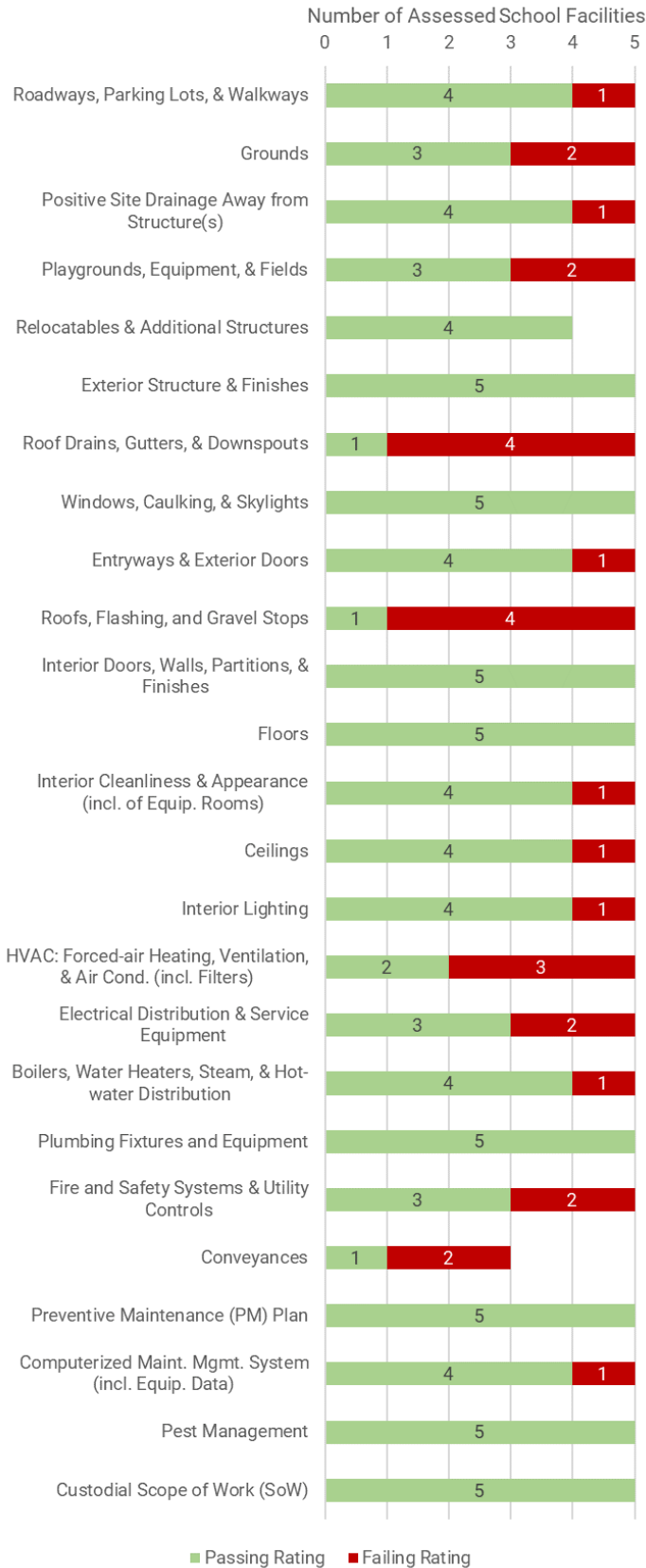
	Elementary	Middle	
Superior			
Good			
Adequate	3	1	4
Not Adequate	1		1
Poor			
Totals	4	1	5

Average Square Foot per Student



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Spring Ridge Middle (18.002)	Middle	109,837	25	Adequate	2	6	11	5	1	0	0
2. Oakville Elementary (18.011)	Elementary	48,072	48	Adequate	0	6	15	4	0	0	0
3. Town Creek Elementary (18.015)	Elementary	35,498	49	Adequate	1	8	12	4	0	0	1
4. Lettie Marshall Dent Elementary (18.017)	Elementary	57,820	38	Adequate	0	3	18	3	0	0	0
5. Green Holly Elementary (18.022)	Elementary	104,375	39	Not Adequate	0	1	12	10	0	0	7
Totals					3	24	68	26	1	0	8
Percentage of Total Ratings for System					2%	20%	56%	21%	1%		

FY22 Passing vs Failing Rating per Category



Strengths



Interior Doors, Walls, Partitions, & Finishes were adequately maintained at all five facilities. No significant issues were noted.

No significant flooring issues were observed. All five facilities received an Adequate rating for Floors.



Many of the buildings' essential and non-essential assets are identified in the PM plan and tracked using the work order system.

Parking lot, sidewalks and curbing, and pavement marking inspections are conducted annually. This PM work is tracked through work orders.

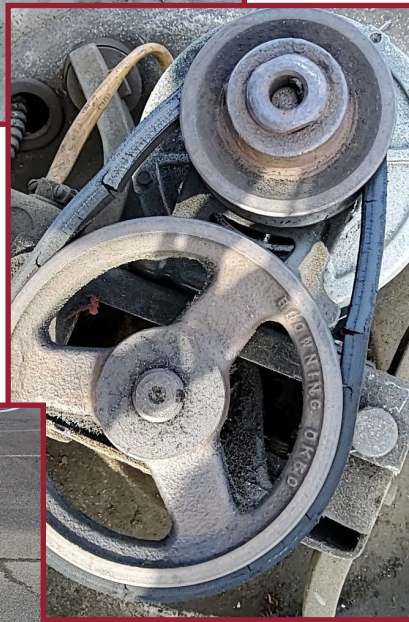


Weaknesses

The roofs at two facilities were marked to indicate active leaks and evidence of leaks was noted in one of these facilities. Two other facilities were observed with active leaks during the assessment in student-occupied areas.



Some HVAC filters were observed clogged, dirty, or damaged at four facilities. One or more exhaust fans were not working properly at four facilities. Belts were observed loose, cracked, or missing at three facilities.



Two facilities received a Not Adequate rating for Playgrounds, Equipment, & Fields. Four facilities had varying degrees of damaged play surfaces, and vegetation growth was coming from or encroaching on play areas at three facilities.

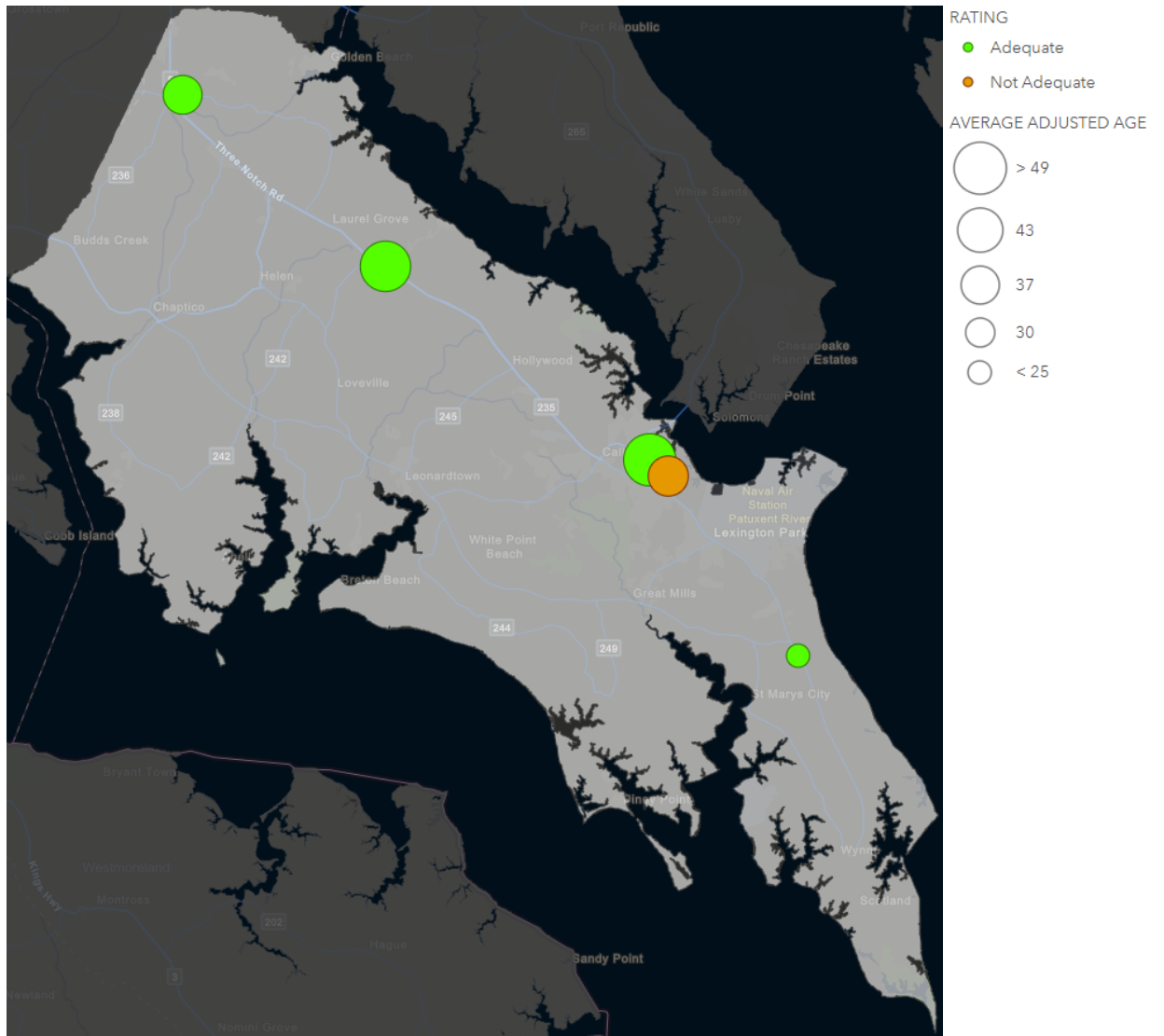


Four facilities received a Not Adequate rating for Roof Drains, Gutters, & Downspouts. Drain strainers were observed damaged, unsecured, or missing at four facilities. Standing water was noted around roof drains at three facilities.

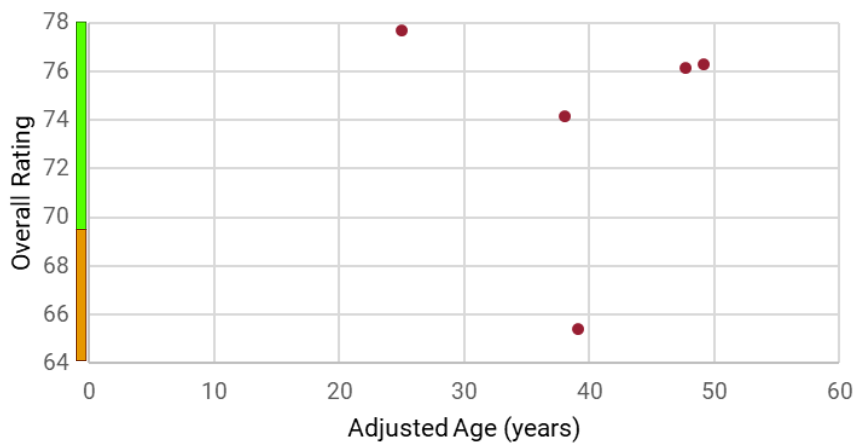
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	0
	Grounds	0	1
	Positive Site Drainage Away from Structure(s)	0	1
	Playgrounds, Equipment, & Fields	0	1
	Relocatables & Additional Structures	0	0
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	0
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	0
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	1
	Interior Lighting	0	1
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	0
	Electrical Distribution & Service Equipment	0	1
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	1
	Plumbing Fixtures and Equipment	0	0
	Fire and Safety Systems & Utility Controls	0	1
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	8

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted.
- Implementing quality control procedures is recommended to ensure preventive and corrective maintenance work orders are being completed effectively and the actions taken to complete the work are recorded accurately.
- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as plumbing and roof leaks and exhaust fan issues.
- PM work orders should generate automatically in the CMMS for each asset tag rather than for a group of asset tags so PM and follow-up corrective work orders can be more easily tracked for individual equipment.

SOMERSET COUNTY

Total School Facilities Assessed in FY 2022: 3



Somerset County Technical High School

Fiscal Year 2022: Key Facts

10
facilities

Somerset County has 10 active school facilities.
No change since FY 2021.

21.3
years old

The average adjusted age of all 10 school facilities is 21.3 years old.
+ 1 year since FY 2021.

> 0.6 M
GSF

Somerset County maintains 671,356 SF throughout its 10 school facilities. It has the 23rd greatest amount of SF of LEAs in MD.

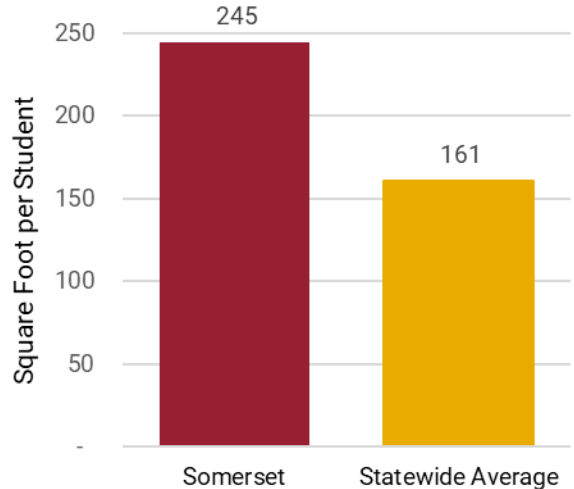
No change since FY 2021.

~ \$0.3 B

The current replacement value for Somerset County's GSF, at the IAC's current replacement cost/SF, is nearly \$0.3 B.

68.14% (Not Adequate) = Average Overall Rating for FY 2022
- 1.48% since FY 21

Average Square Foot per Student



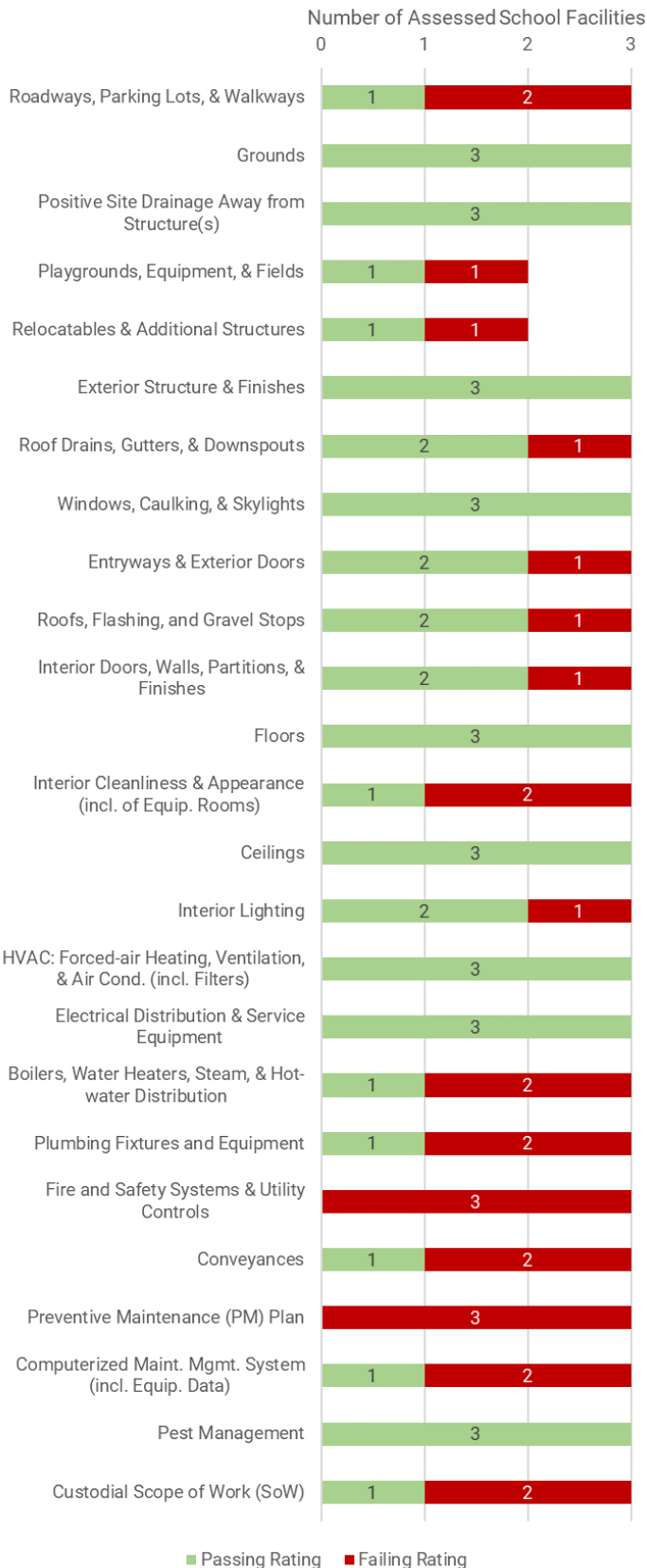
FY 2022 Overall Rating Results by School Type

	Middle	Middle/High	Career Tech	
Superior				
Good				
Adequate			1	1
Not Adequate	1	1		2
Poor				
Totals	1	1	1	3

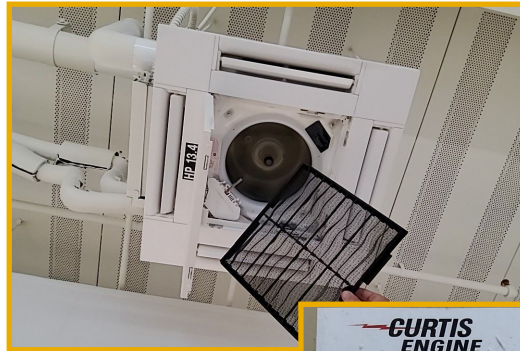
FY 2022 Results: Summary of School Ratings

School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Washington Academy & High School (19.002)	Middle/High	130,000	11	Not Adequate	0	8	10	6	1	0	8
2. Somerset Intermediate School (19.016)	Middle	77,652	14	Not Adequate	0	2	17	5	0	0	5
3. Somerset County Technical High School (19.017)	Career Tech	103,846	3	Adequate	0	9	7	6	2	0	1
Totals					0	19	34	17	3	0	14
Percentage of Total Ratings for System					0%	26%	47%	23%	4%		

FY22 Passing vs Failing Rating per Category

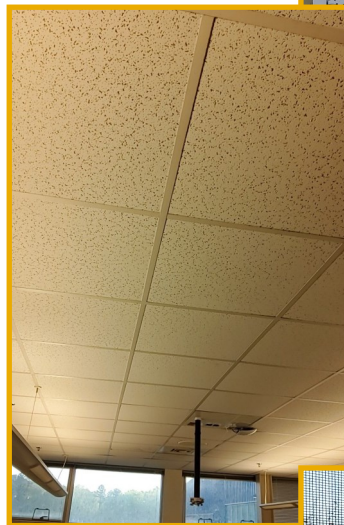
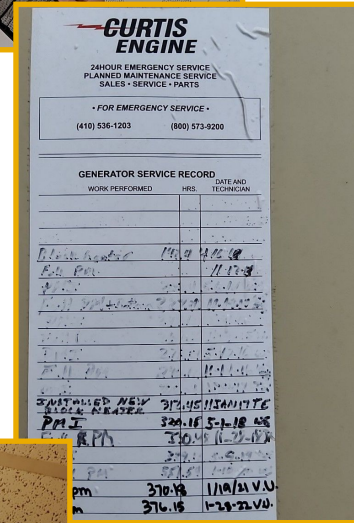


Strengths



The majority of filters were clean or recently serviced and all HVAC equipment appeared to be functional.

No issues or concerns were identified with the electrical equipment or generator at two facilities. Infrared assessments were recently completed at two facilities.



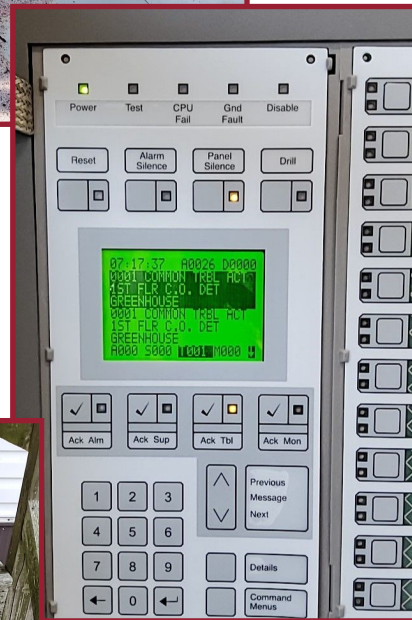
Two facilities earned a Good rating for Ceilings. One of those facilities had no issues or concerns and the other only had one stained tile.

All windows were operational with sealants intact. Two facilities earned a Good rating for Windows, Caulking, & Skylights.



Weaknesses

The CMP identifies service maintenance contracts and/or agreements for routine roof inspections. No roof inspections were provided in the required pre-MEA documentation and no PM work orders were identified for roofs.



System trouble was identified on the fire alarm panels at two facilities. The monthly fire extinguisher inspections did not appear to be occurring at two facilities, and they were inconsistent at one facility. Two facilities received a Not Adequate rating and one facility earned a Poor rating for Fire and Safety Systems & Utility Controls.

Of the two facilities with relocatables and additional structures, one received a Poor rating due to uncorrected safety and health concerns that were previously identified on the IAC maintenance assessment conducted three years prior as well as additional issues concerning the suitability of the relocatable and press box for occupancy.

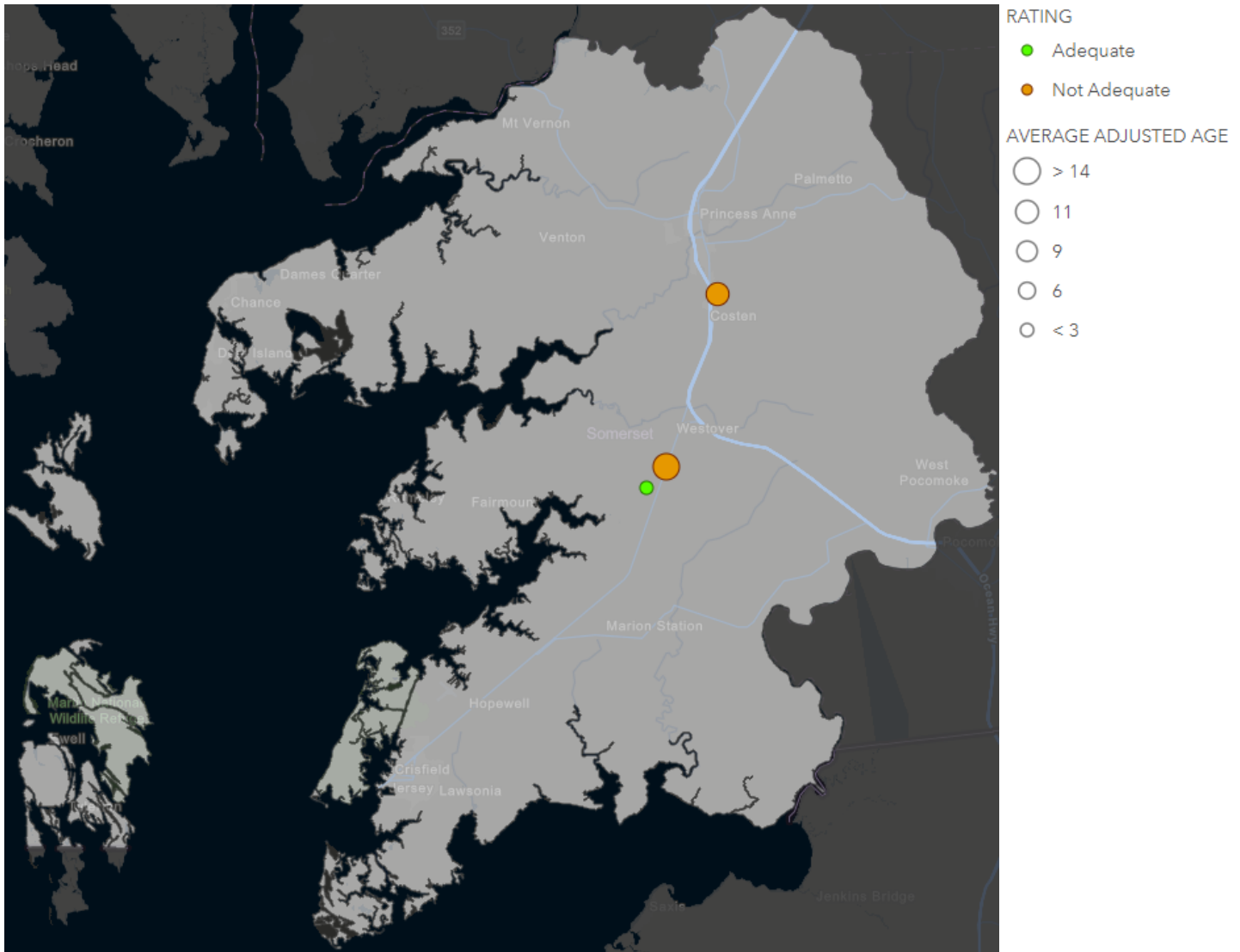


Two facilities were identified with uneven walkway surfaces. No PM work orders were identified for roadways, parking lots, or walkways.

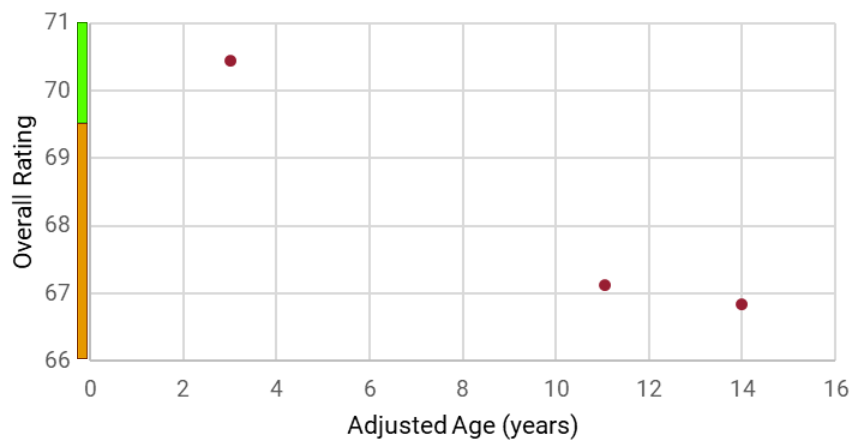
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	2
	Grounds	0	0
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	0	1
	Relocatables & Additional Structures	0	1
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	1
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	1
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	1
	Ceilings	0	0
	Interior Lighting	0	1
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	0
	Electrical Distribution & Service Equipment	0	0
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	1
	Plumbing Fixtures and Equipment	0	1
	Fire and Safety Systems & Utility Controls	0	3
	Conveyances	0	1
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	14

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- PM tasks identified in the CMP and the custodial checklists should have auto-populating PM work orders created in the CMMS.
- The PM schedule should be expanded for each facility to encompass all assets, systems, and structural elements.
- Implementing quality control procedures is recommended to ensure PM work orders are being completed effectively, in a timely manner, and the actions taken to complete the work are recorded accurately.
- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as fire and safety system issues.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted.

TALBOT COUNTY

Total School Facilities Assessed in FY 2022: 3



St. Michaels Middle/High

Fiscal Year 2022: Key Facts



Talbot County has 8 active school facilities.
+ 1 facility since FY 2021.



The average adjusted age of all 8 school facilities is 17.1 years old.
- 2.4 years since FY 2021.



Talbot County maintains 700,971 SF throughout its 8 school facilities. It has the 22nd greatest amount of SF of LEAs in MD.
+ 128,755 SF since FY 2021.

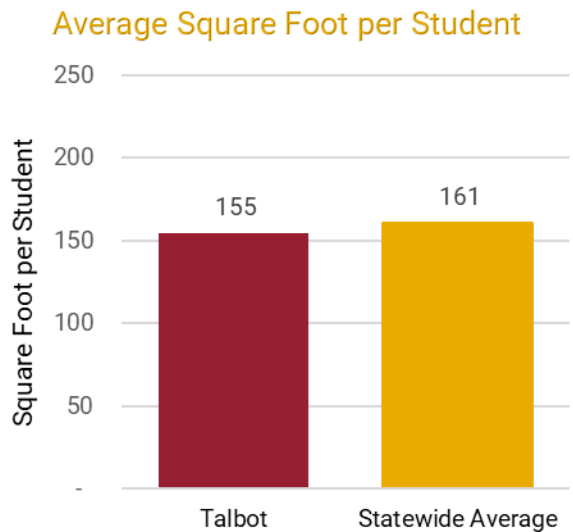


The current replacement value for Talbot County's GSF, at the IAC's current replacement cost/SF, is approximately \$0.3 B.

70.83% (Adequate) = Average Overall Rating for FY 2022
- 1.56% since FY 21

FY 2022 Overall Rating Results by School Type

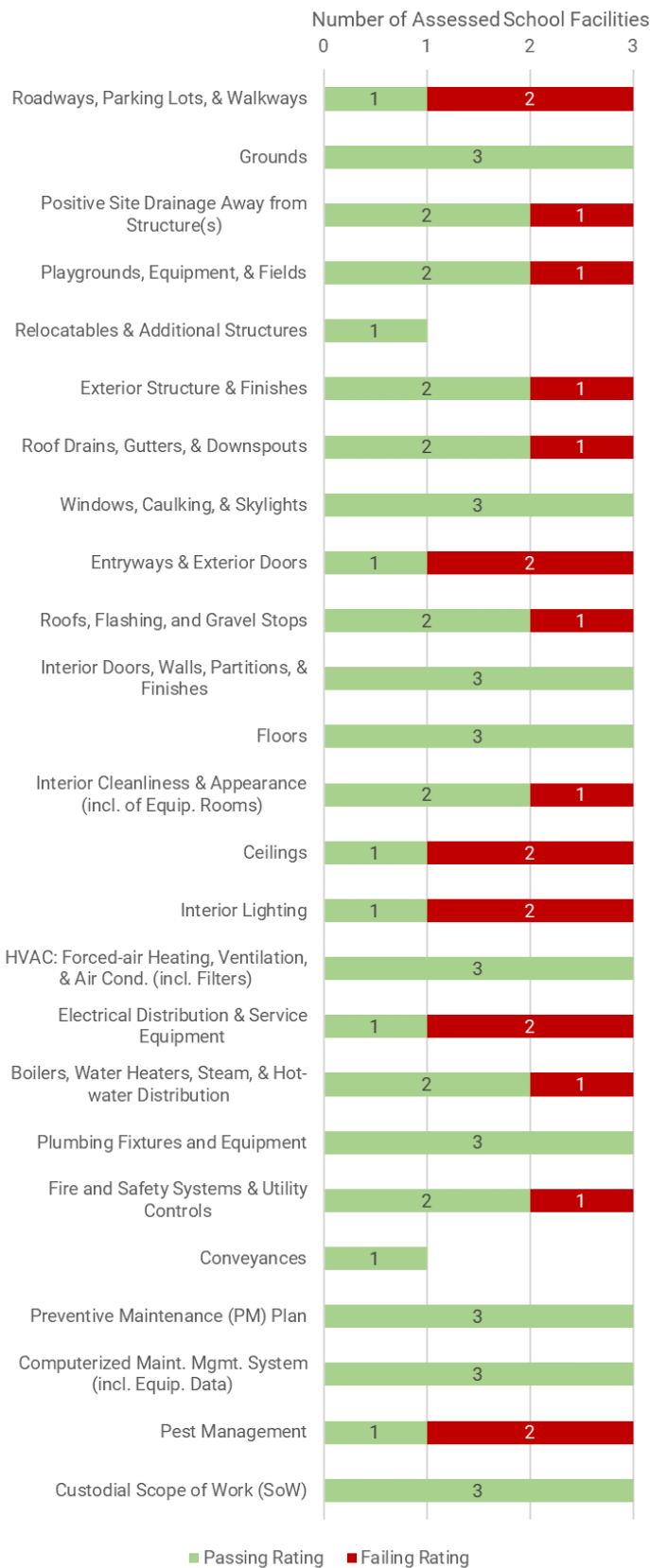
	Elementary	Middle	Middle/High	
Superior				
Good				
Adequate	1	1	1	3
Not Adequate				
Poor				
Totals	1	1	1	3



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Easton Middle (20.004)	Middle	106,985	19	Adequate	0	1	16	7	0	0	2
2. White Marsh Elementary (20.007)	Elementary	43,465	25	Adequate	0	1	19	3	0	0	3
3. St. Michaels Middle/High (20.008)	Middle/High	79,602	13	Adequate	0	4	16	4	0	0	5
Totals					0	6	51	14	0	0	10
Percentage of Total Ratings for System					0%	8%	72%	20%	0%		

FY 2022 Results: Assessment Findings by Category

FY22 Passing vs Failing Rating per Category

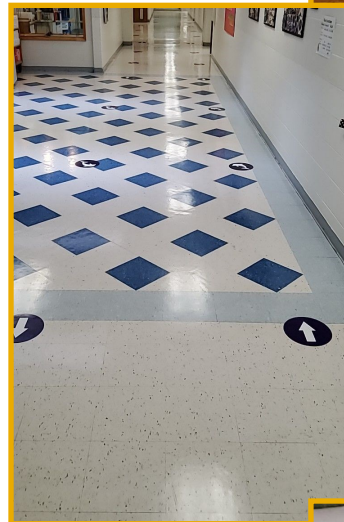
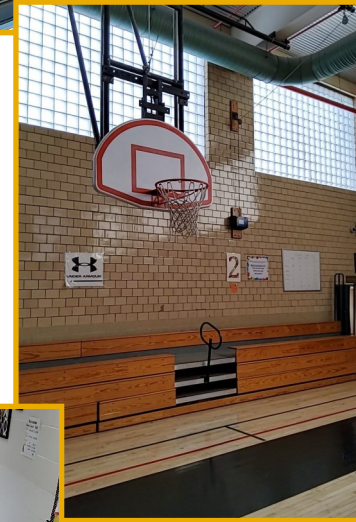


Strengths



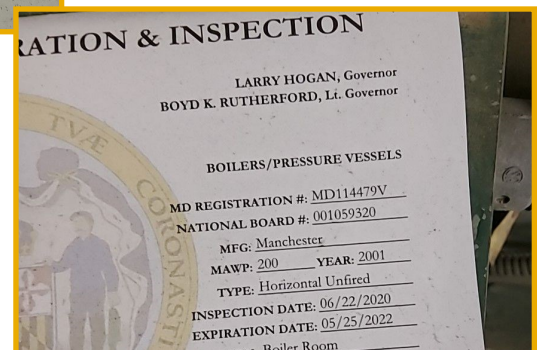
The CMP identifies annual cleaning of exterior windows and that custodial personnel clean the interior of the exterior windows on a weekly basis.

Two facilities received a Good rating for Playgrounds, Equipment, & Fields. According to the CMP, the bleachers are inspected and repaired annually by a licensed specialist.



Floor finishing and carpet cleaning and repair are identified in the CMP. No significant issues were observed with the floors at any facility.

The PM plan included some essential assets for the facilities, such as roofs, sprinkler systems, and HVAC equipment.



Weaknesses

Emergency lights failed to illuminate and exit signs were broken or non-functioning at two facilities. One facility had issues with rusty water coming from eyewash stations.



Multiple non-functional fluorescent light tubes were identified at all three facilities. Interior lighting does not have a specific PM work order. Per the CMP, replacing light bulbs is completed by custodial personnel.



There are monthly auto-populated PM work orders for exterior door operations in the CMMS. However, doors were observed closing too hard or not closing on their own at two facilities. Corrosion on doorframes was noted at two facilities.

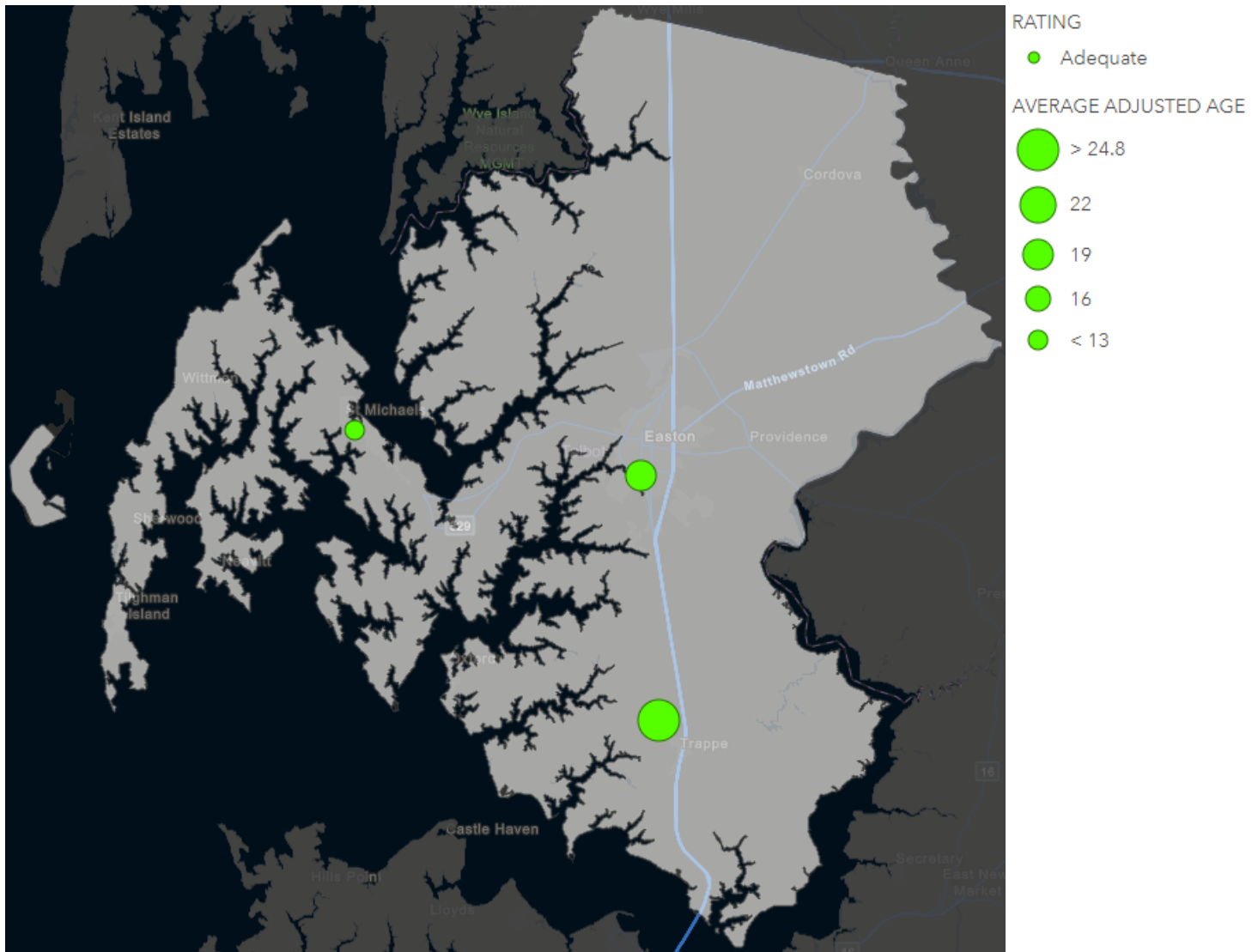


The asphalt surfaces were observed cracked at all three facilities. Vegetation was growing through cracks or joints at two facilities.

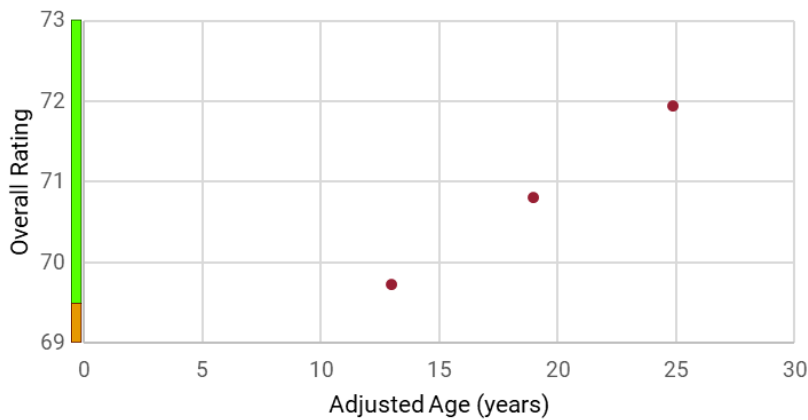
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	1
	Grounds	0	0
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	0	1
	Relocatables & Additional Structures	0	0
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	1
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	0
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	2
	Interior Lighting	0	1
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	0
	Electrical Distribution & Service Equipment	0	2
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	1
	Plumbing Fixtures and Equipment	0	0
	Fire and Safety Systems & Utility Controls	0	1
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	10

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Eyewash stations and emergency shower fixtures should be tested and flushed monthly to remove rust and any possible microbiological concerns to prevent exacerbating any injury in the event they are needed in an emergency.
- Interior lighting, emergency lighting, roadways, parking lots, and walkways should be added to the PM schedule. Deficiencies noted during the PM checks should be entered and tracked using the CMMS.
- The PM schedule should be expanded for each facility to encompass all assets, systems, and structural elements listed in the CMP.
- Protective tube sleeves should be installed where glass fluorescent tubes are subject to mechanical damage, especially in student-occupied areas.
- Consider applying sealants to asphalt parking lots and roadways to slow deterioration until such assets can be resurfaced.

WASHINGTON COUNTY

Total School Facilities Assessed in FY 2022: 9

Potomac Heights Elementary

Fiscal Year 2022: Key Facts

46 facilities

Washington County has 46 active school facilities.
No change since FY 2021.

34.8 years old

The average adjusted age of all 46 school facilities is 34.8 years old.
+ 0.8 years since FY 2021.

> 3.4 M GSF

Washington County maintains 3,476,622 SF throughout its 46 school facilities. It has the 11th greatest amount of SF of LEAs in MD.

+ 29,441 SF since FY 2021.

~ \$1.5 B

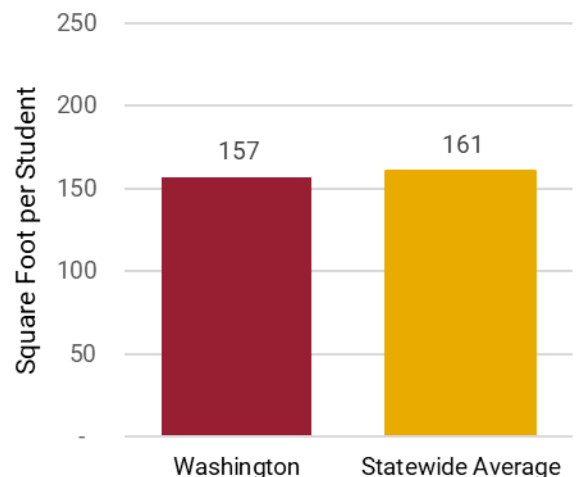
The current replacement value for Washington County's GSF, at the IAC's current replacement cost/SF, is approximately \$1.5 B.

73.25% (Adequate) = Average Overall Rating for FY 2022
- 5.01% since FY 21

FY 2022 Overall Rating Results by School Type

	Elementary	Middle	High	
Superior				
Good				
Adequate	6	1	2	9
Not Adequate				
Poor				
Totals	6	1	2	9

Average Square Foot per Student

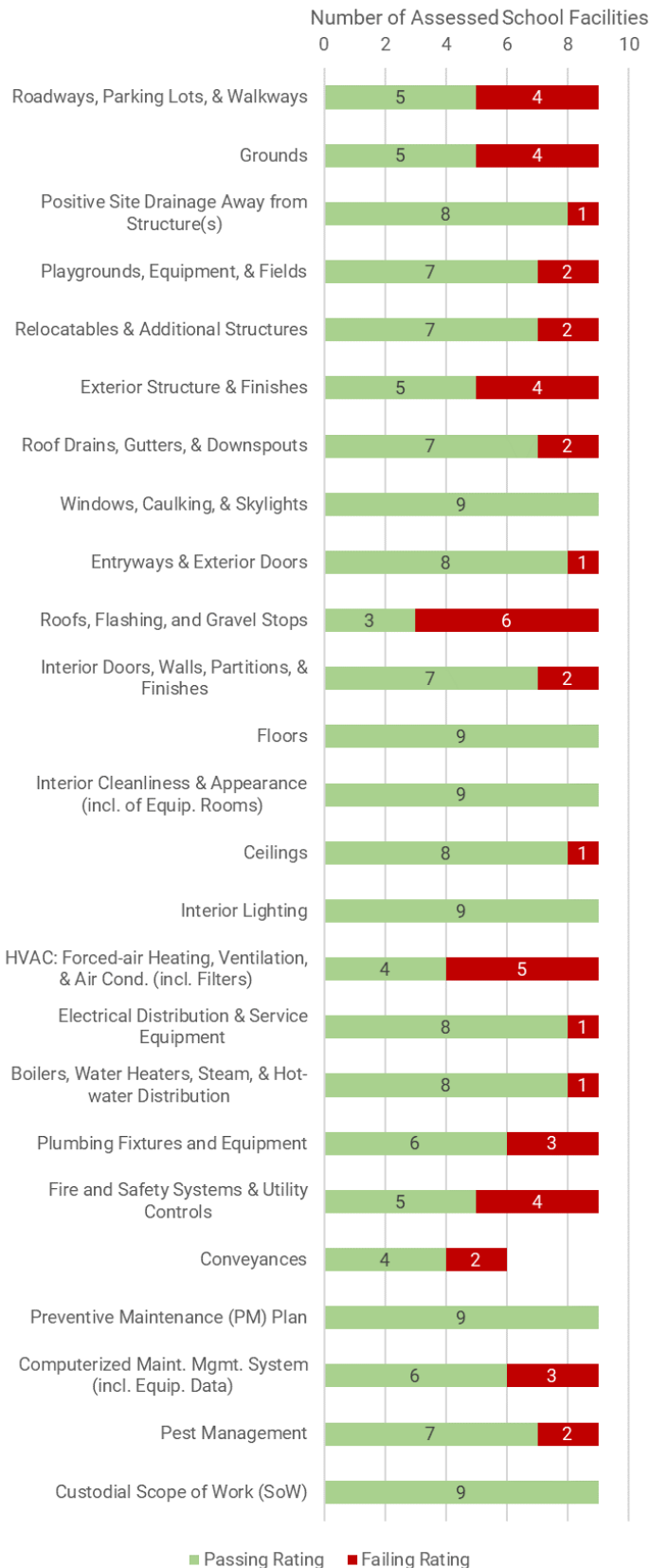


WASHINGTON COUNTY

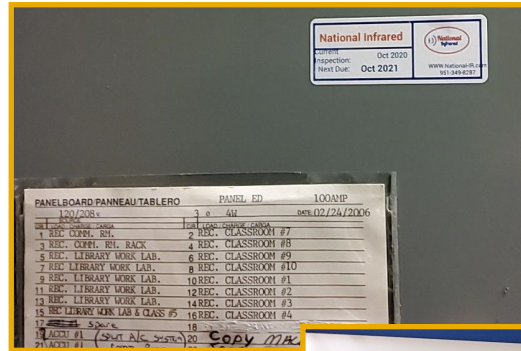
FY 2022 Results: Summary of School Ratings

School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Western Heights Middle (21.003)	Middle	127,315	36	Adequate	0	5	18	2	0	0	1
2. North Hagerstown High (21.024)	High	168,750	29	Adequate	0	2	16	6	1	0	1
3. Williamsport High (21.031)	High	153,846	49	Adequate	0	7	13	5	0	0	3
4. Emma K. Doub Elementary (21.032)	Elementary	35,476	52	Adequate	0	9	12	4	0	0	4
5. Old Forge Elementary (21.035)	Elementary	40,777	48	Adequate	0	6	15	3	0	0	1
6. Fountain Rock Elementary (21.043)	Elementary	35,318	45	Adequate	0	1	17	6	0	0	1
7. Potomac Heights Elementary (21.044)	Elementary	37,347	51	Adequate	0	7	14	3	0	0	1
8. Fountaindale Elementary (21.046)	Elementary	53,406	66	Adequate	0	4	19	2	0	0	2
9. Rockland Woods Elementary (21.050)	Elementary	85,277	14	Adequate	0	6	14	5	0	0	2
Totals					0	47	138	36	1	0	16
Percentage of Total Ratings for System					0%	21%	62%	16%	0%		

FY22 Passing vs Failing Rating per Category



Strengths



All nine facilities had auto-populating PM work orders for electrical inspections. Infrared risk assessments were completed at six facilities.

Five facilities received a Good rating for Windows, Caulking, & Skylights. No issues or concerns were identified with the windows at four facilities.



The vinyl composition tile (VCT) flooring was observed clean and polished at six facilities. Floor maintenance is identified in the custodial handbook and overseen by the head custodian.

Five facilities received a Good rating for Interior Lighting. Light fixture maintenance is identified in the custodial handbook and overseen by the head custodian.



Weaknesses

At the five facilities where deficiencies were noted on fire alarm and/or sprinkler system inspection reports, corrective work orders were either not present in the work order history or open work orders were present but were created five months or more after the inspection occurred.

INSPECTION REPORT: 20177797
 INSPECTION TYPE: Sprinkler
 FREQUENCY: Annual
 WORK ORDER: 5007952
 INSPECTION END DATE: 06/24/2021

SPRINKLER INSPECTION REPORT

General Inspection Notes

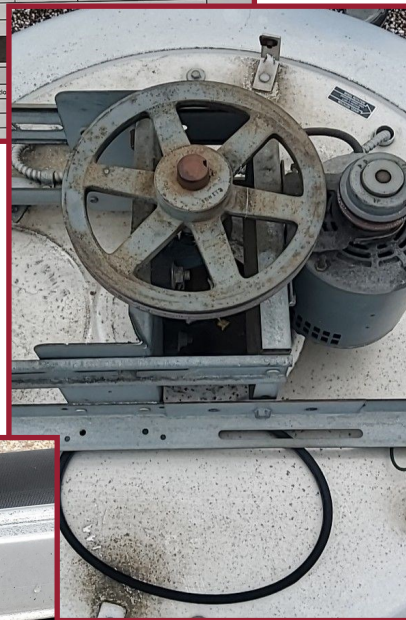
- This report is for June 2021 Annual Sprinkler Inspection
 Tamper switches tested during this inspection flow switches due during next inspection

DEVICE DEFICIENCIES									
LOCATION	DESCRIPTION	ADDRESS	DEVICE	MAKE	MODEL	BARCODE	DATE OF TEST	TYPE	IMAGES
—	Back Loading Dock	—	Fire Dept. Connection	—	—	—	06/24/2021	FUNCTIONAL FAILURE	DEFICIENCY IMAGES APPENDIX 3.1
FAILURE REASON: 5 year hydrostatic testing required									
—	Rear Loading	—	Water Motor Gong	—	—	—	06/24/2021	FUNCTIONAL FAILURE	—
FAILURE REASON: Water motor gong closed upon arrival									

General

To be Answered with the Owner

- Have there been any changes in the occupancy classification, machinery or operations since the last inspection?
- Have there been any changes or repairs to the fire protection systems since the last inspection?
- Have you had an internal pipe inspection performed in the last 5 years?



Washington County Public Schools (WCPS) creates PM work orders for exhaust fans. Each of the nine WCPS facilities assessed provided their work order history for the past year. There were a combined total of 241 exhaust fan PM work orders; however, only 41 work orders were completed or closed.

Debris or vegetation growth were identified on the roofs at eight facilities. Deteriorated or failing sealants were observed at six facilities. Semi-annual roofing inspections are included in the generic PM schedule, but are not included as PM work orders in the facilities' work order history documentation.

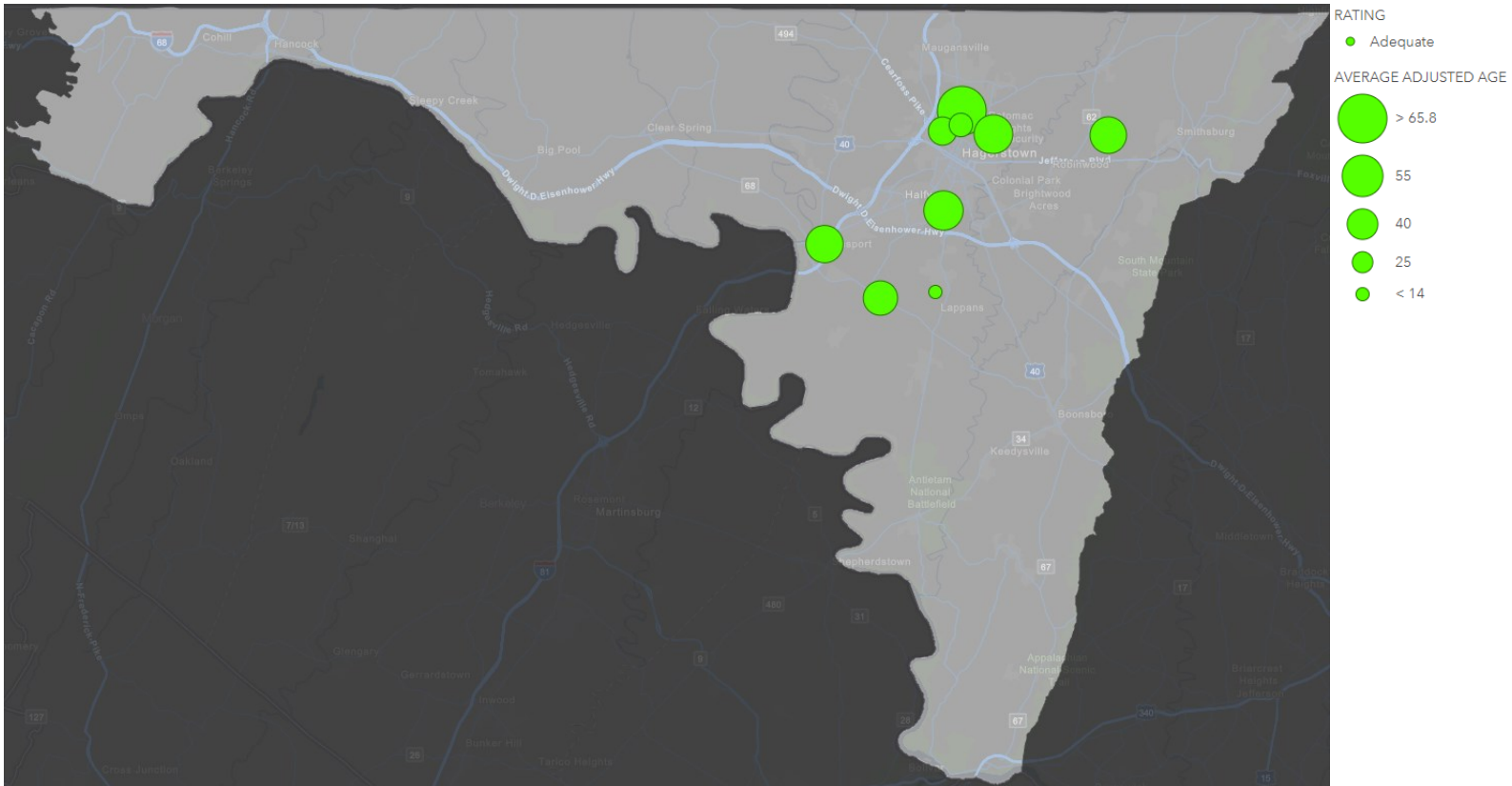


Damaged masonry and/or mortar was identified at six facilities. Three facilities had issues with retaining walls.

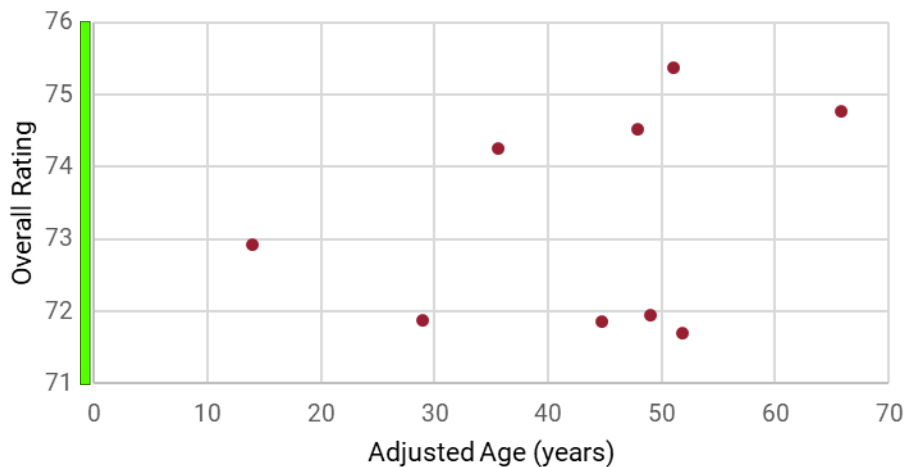
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	4
	Grounds	0	3
	Positive Site Drainage Away from Structure(s)	0	1
	Playgrounds, Equipment, & Fields	0	1
	Relocatables & Additional Structures	0	1
Building Exterior	Exterior Structure & Finishes	0	2
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	1
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	2
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	0
	Interior Lighting	0	0
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	0
	Electrical Distribution & Service Equipment	0	1
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	0
	Plumbing Fixtures and Equipment	0	0
	Fire and Safety Systems & Utility Controls	0	0
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	16

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Implementing quality control procedures is recommended to ensure PM work orders are being completed effectively and the actions taken to complete the work are recorded accurately.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted.
- The CMMS does not appear to be utilized to track maintenance and inspections for regulated equipment. Any equipment that needs a DLLR certificate should be added to the CMMS and have auto-populating PM work orders created.
- Routine inspections of the building envelope are recommended to ensure a weathertight facility. The CMMS should be utilized to initiate inspections, document deficiencies observed during the inspections, and ensure the deficiencies are corrected in a timely manner.

WICOMICO COUNTY

Total School Facilities Assessed in FY 2022: 4

Delmar Elementary

Fiscal Year 2022: Key Facts

24 facilities

Wicomico County has 24 active school facilities.
No change since FY 2021.

29.4 years old

The average adjusted age of all 24 school facilities is 29.4 years old.
+ 1 year since FY 2021.

> 2.2 M GSF

Wicomico County maintains 2,244,318 SF throughout its 24 school facilities. It has the 14th greatest amount of SF of LEAs in MD.

+ 1,718 SF since FY 2021.

> \$0.9 B

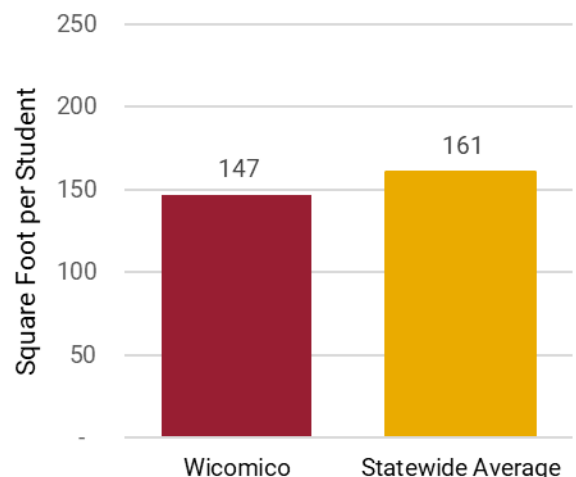
The current replacement value for Wicomico County's GSF, at the IAC's current replacement cost/SF, is greater than \$0.9 B.

78.83% (Adequate) = Average Overall Rating for FY 2022
- 0.76% since FY 21

FY 2022 Overall Rating Results by School Type

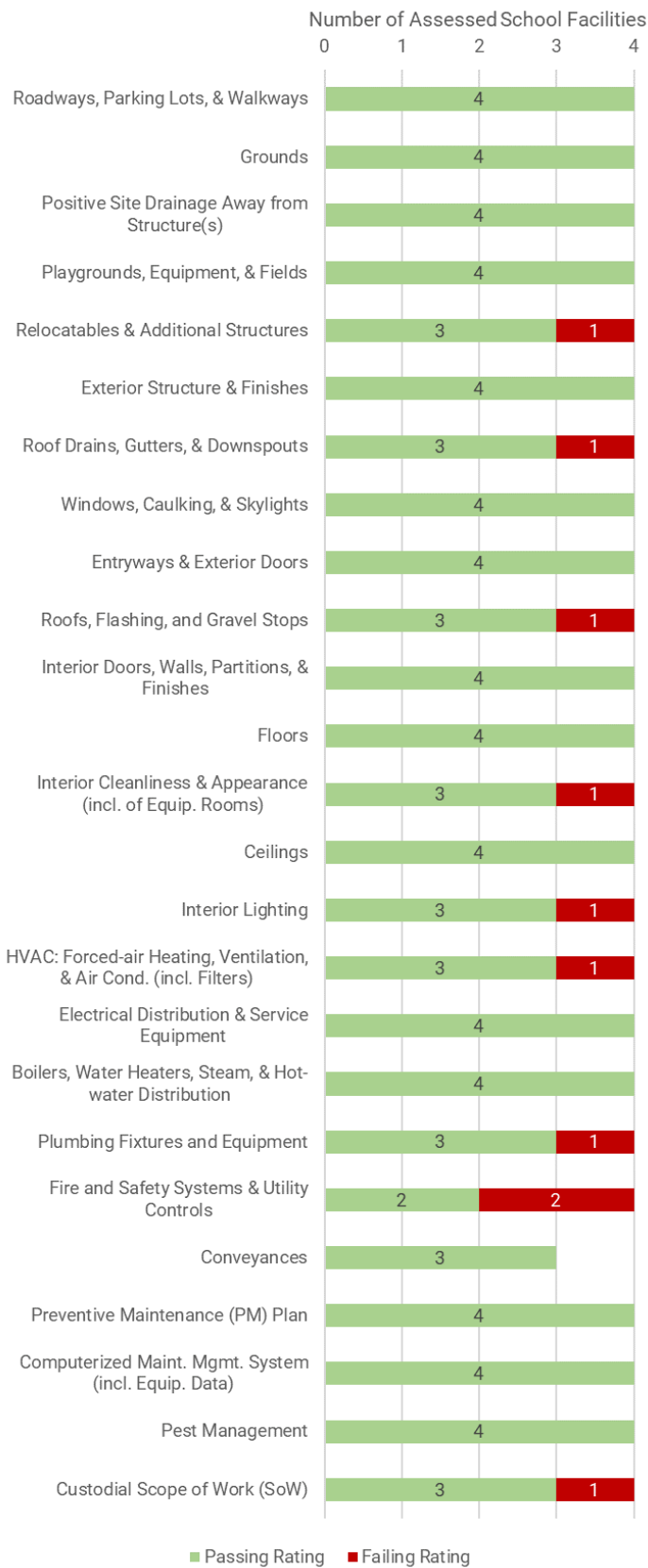
	Elementary	Middle	High	
Superior				
Good	2			2
Adequate	2			2
Not Adequate				
Poor				
Totals	4			4

Average Square Foot per Student



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Pinehurst Elementary (22.002)	Elementary	76,224	36	Adequate	0	7	14	4	0	0	0
2. Delmar Elementary (22.007)	Elementary	76,645	43	Adequate	3	9	12	1	0	0	1
3. Glen Avenue Elementary (22.010)	Elementary	55,068	52	Good	2	7	14	1	0	0	0
4. Fruitland Intermediate (22.017)	Elementary	43,712	31	Good	2	10	10	2	1	0	0
Totals					7	33	50	8	1	0	1
Percentage of Total Ratings for System					7%	33%	51%	8%	1%		

FY22 Passing vs Failing Rating per Category

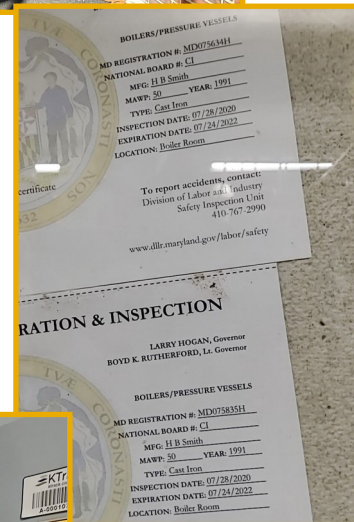


Strengths



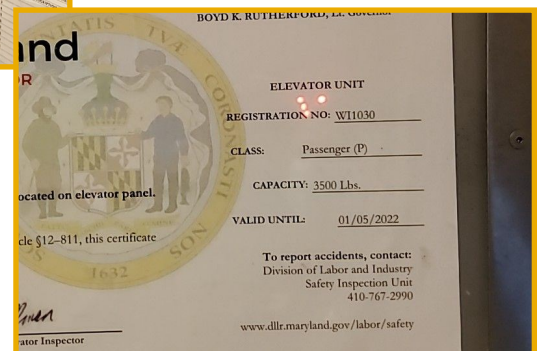
No issues or concerns were identified with the exterior doors at two facilities, which both received a Superior rating for Entryways & Exterior Doors. Annual exterior door inspections are included in the PM schedule.

No issues were observed with the boilers or hot water heaters at any facility. All DLLR certificates were up to date.



No issues or concerns were identified with the electrical equipment at two facilities, which both received a Good rating for Electrical Distribution & Service Equipment.

Two facilities received a Superior rating for Conveyances. All conveyance systems had current DLLR certificates. Annual elevator inspections are included in the PM schedule.



Weaknesses

The floors in the relocatables were dirty and/or damaged at all four facilities.

There was a non-functional emergency light in a relocatable at two facilities.



The Building Service Manager's scope of work indicates that filters should be changed or cleaned quarterly. However, three facilities were observed with dirty filters.

All four facilities were observed with dirty floors, walls, and/or fixtures in classrooms and restrooms. Daily duties for custodial staff include cleaning floors, windows and horizontal surfaces in classrooms and restrooms.

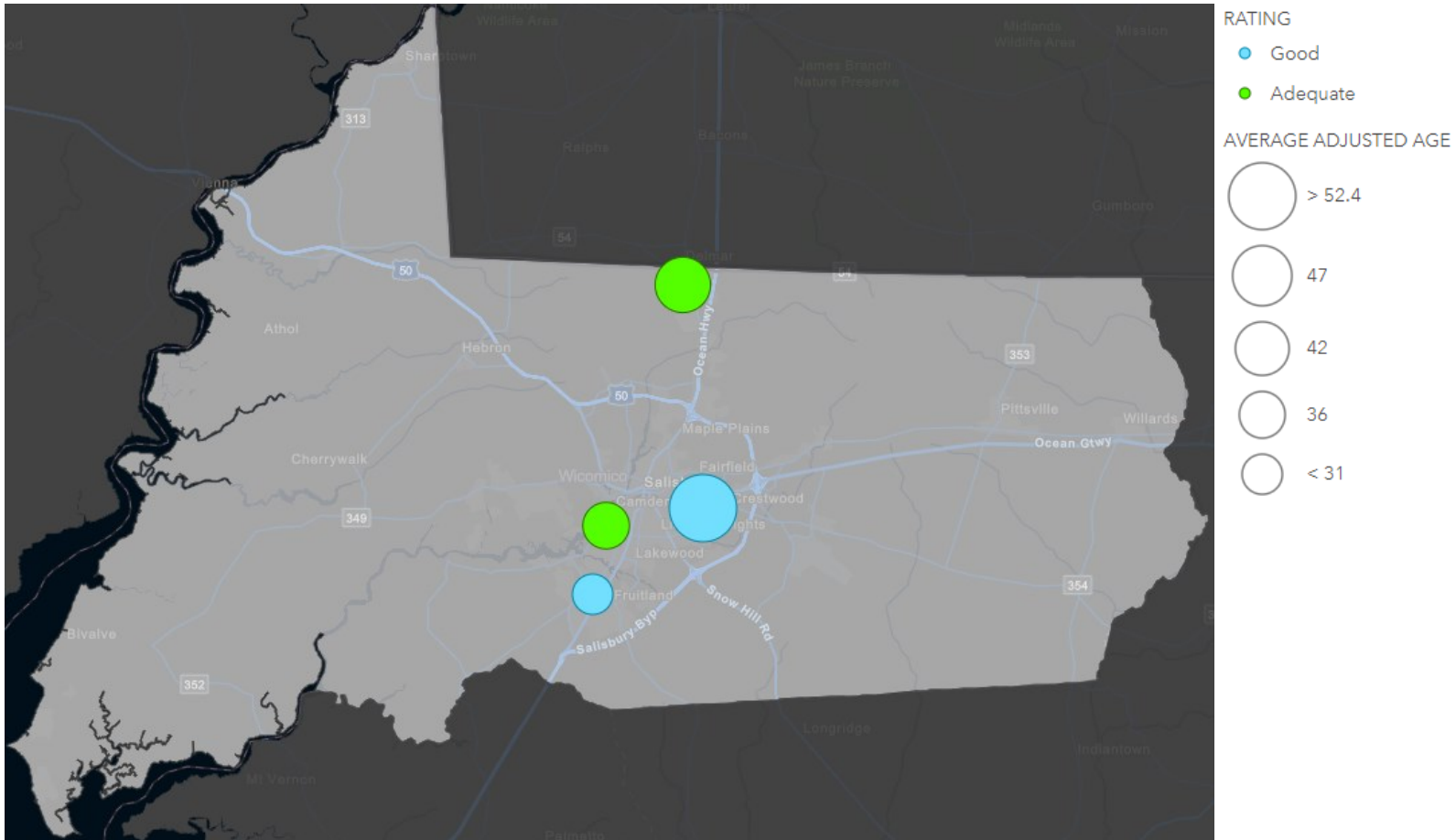


Two facilities were observed with black water leaks in restrooms. Each facility was noted with leaking, damaged and/or non-functional plumbing fixtures.

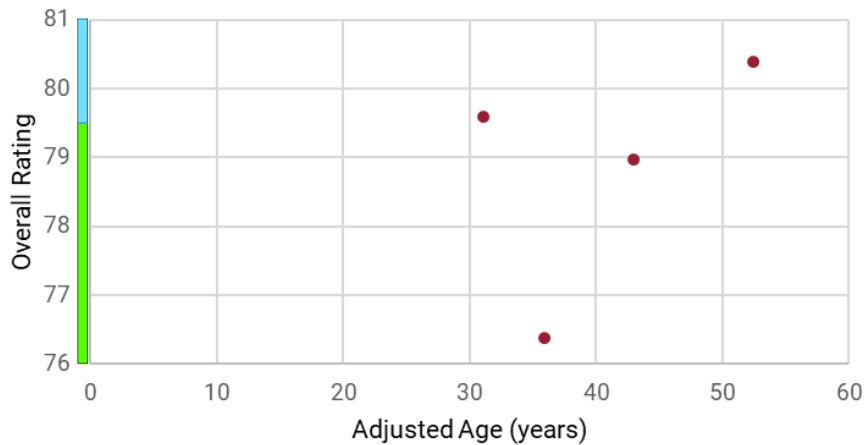
FY 2022 Results: Summary of Deficiencies by Category

Category		# of Major Deficiencies	# of Minor Deficiencies
Site	Roadways, Parking Lots, & Walkways	0	0
	Grounds	0	0
	Positive Site Drainage Away from Structure(s)	0	0
	Playgrounds, Equipment, & Fields	0	0
	Relocatables & Additional Structures	0	0
Building Exterior	Exterior Structure & Finishes	0	0
	Roof Drains, Gutters, & Downspouts	0	0
	Windows, Caulking, & Skylights	0	0
	Entryways & Exterior Doors	0	0
	Roofs, Flashing, and Gravel Stops	0	0
Building Interior	Interior Doors, Walls, Partitions, & Finishes	0	0
	Floors	0	0
	Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
	Ceilings	0	0
	Interior Lighting	0	0
Building Equipment & Systems	HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	0
	Electrical Distribution & Service Equipment	0	0
	Boilers, Water Heaters, Steam, & Hot-water Distribution	0	0
	Plumbing Fixtures and Equipment	0	0
	Fire and Safety Systems & Utility Controls	0	1
	Conveyances	0	0
Maintenance Management	Preventive Maintenance (PM) Plan	0	0
	Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
	Pest Management	0	0
	Custodial Scope of Work (SoW)	0	0
Total		0	1

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Emergency lights maintenance should be tracked using the CMMS. Regularly scheduled PM should generate work orders for the assets that need to be inspected.
- Implementing quality control procedures is recommended to ensure PM work orders and PM custodial checklists are being completed effectively and the actions taken to complete the work are recorded accurately.
- Additional training or PM checks are recommended to prevent or quickly remediate issues that may cause health or safety concerns, such as black water leaks and non-functional emergency lights.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted.

WORCESTER COUNTY



Stephen Decatur Middle

Total School Facilities Assessed in FY 2022: 3

Fiscal Year 2022: Key Facts

14 facilities

Worcester County has 14 active school facilities.
No change since FY 2021.

26.6 years old

The average adjusted age of all 14 school facilities is 26.6 years old.
+ 1 year since FY 2021.

> 1.2 M GSF

Worcester County maintains 1,285,852 SF throughout its 14 school facilities. It has the 18th greatest amount of SF of LEAs in MD.

No change since FY 2021.

> \$0.5 B

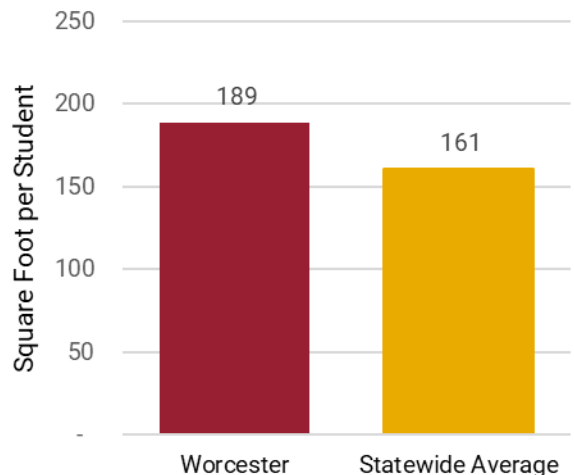
The current replacement value for Worcester County's GSF, at the IAC's current replacement cost/SF, is more than \$0.5 B.

73.17% (Adequate) = Average Overall Rating for FY 2022
- 2.92% since FY 21

FY 2022 Overall Rating Results by School Type

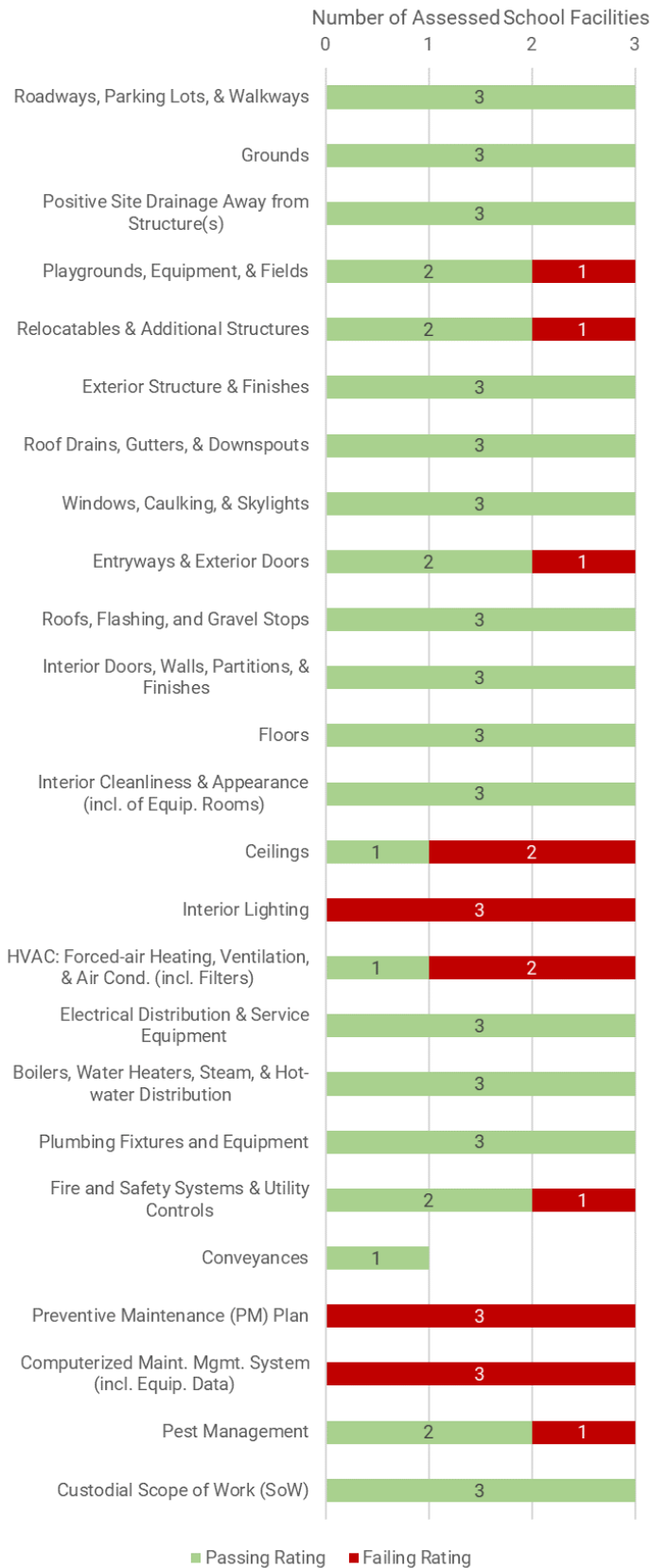
	Elementary	Elementary/ Middle	Middle	
Superior				
Good				
Adequate	1	1	1	3
Not Adequate				
Poor				
Totals	1	1	1	3

Average Square Foot per Student



School Name	School Type	Square Footage	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)					Deficiencies	
					Superior	Good	Adequate	Not Adequate	Poor	Major	Minor
1. Berlin Intermediate (23.012)	Elementary/ Middle	101,000	51	Adequate	0	8	11	5	0	0	3
2. Stephen Decatur Middle (23.014)	Middle	79,500	24	Adequate	0	9	9	6	0	0	3
3. Snow Hill Elementary (23.008)	Elementary	40,500	42	Adequate	0	8	13	4	0	0	1
Totals					0	25	33	15	0	0	7
Percentage of Total Ratings for System					0%	34%	45%	21%	0%		

FY22 Passing vs Failing Rating per Category



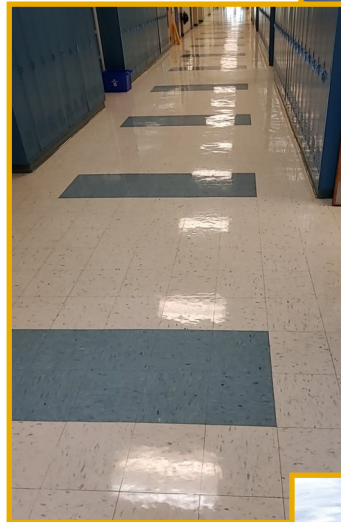
Strengths



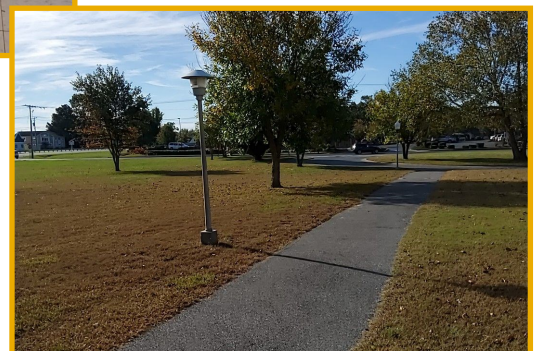
The electrical distribution system at all three facilities appeared to be well maintained. Electrical equipment was labeled well and had complete panel schedules.



The boilers, hot water heaters, and distribution piping appeared to be well maintained. All operational certificates were up to date. All three facilities received Good ratings for boilers.



The floors at all three facilities appeared to be well maintained with a polished finish.



Two facilities received Good ratings for Grounds. The grounds appeared to be well kept, including garden areas and trees.

Weaknesses

One facility had damaged playground equipment. Playground inspections and bleacher inspections were not provided for the facilities with this equipment.



Inoperable exhaust fans were identified at all three facilities. One facility had dirty air filters and deteriorated coils on fan coil units.



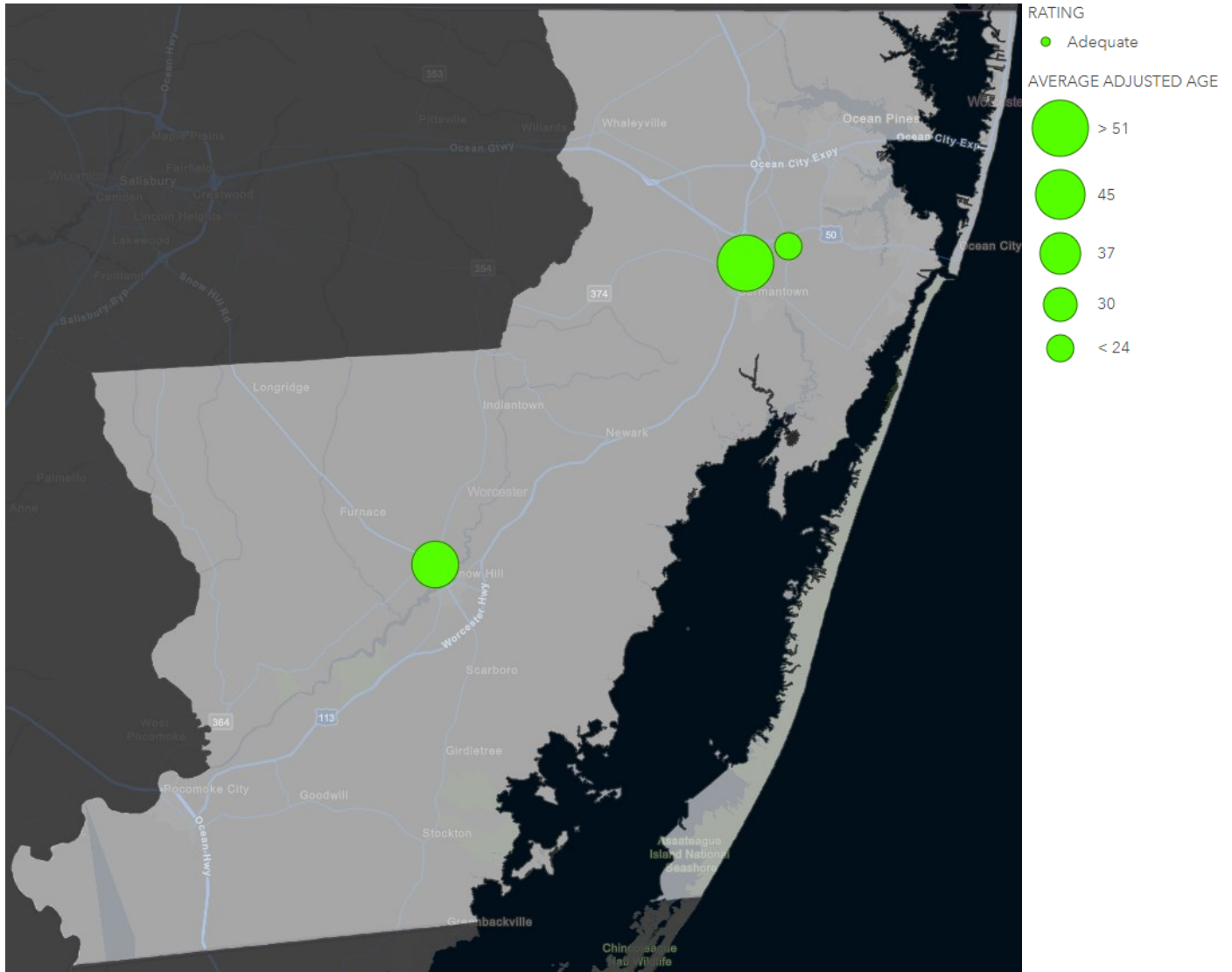
Missing or loose lighting covers and non-functional light tubes were identified at all three facilities.



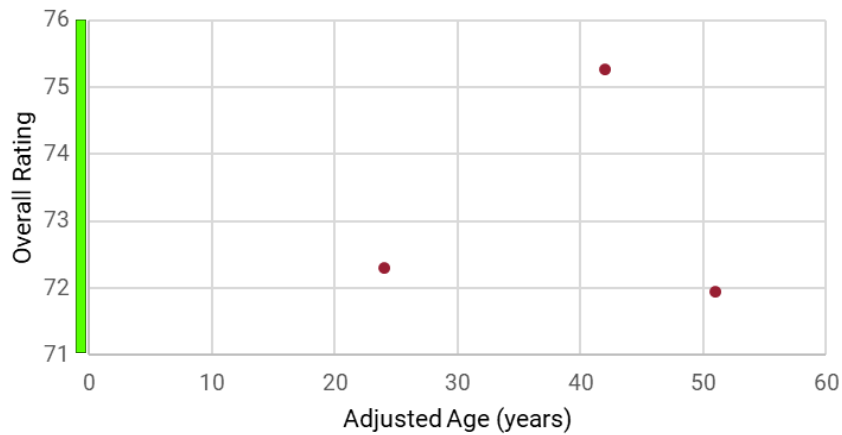
Stained ceiling tiles were identified at all three facilities.

		Category	# of Major Deficiencies	# of Minor Deficiencies
Site		Roadways, Parking Lots, & Walkways	0	0
		Grounds	0	0
		Positive Site Drainage Away from Structure(s)	0	0
		Playgrounds, Equipment, & Fields	0	1
		Relocatables & Additional Structures	0	1
Building Exterior		Exterior Structure & Finishes	0	0
		Roof Drains, Gutters, & Downspouts	0	0
		Windows, Caulking, & Skylights	0	0
		Entryways & Exterior Doors	0	1
		Roofs, Flashing, and Gravel Stops	0	0
Building Interior		Interior Doors, Walls, Partitions, & Finishes	0	0
		Floors	0	0
		Interior Cleanliness & Appearance (incl. of Equip. Rooms)	0	0
		Ceilings	0	1
		Interior Lighting	0	2
Building Equipment & Systems		HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)	0	1
		Electrical Distribution & Service Equipment	0	0
		Boilers, Water Heaters, Steam, & Hot-water Distribution	0	0
		Plumbing Fixtures and Equipment	0	0
		Fire and Safety Systems & Utility Controls	0	0
		Conveyances	0	0
Maintenance Management		Preventive Maintenance (PM) Plan	0	0
		Computerized Maint. Mgmt. System (incl. Equip. Data)	0	0
		Pest Management	0	0
		Custodial Scope of Work (SoW)	0	0
Total			0	7

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Development of a detailed PM plan using the CMMS should be considered. Facility essential assets should be included in the PM plan as well as auto-populating work orders that ensure PM is conducted according to recommendations or requirements set by code and the original equipment manufacturer.
- Playground and bleacher inspections should be conducted on a regular basis to ensure that the equipment is safe and operable. Inspections should be tracked using the CMMS to ensure completion of these inspections at regular intervals. CMMS work orders should be used to track any deficiencies that are identified during the inspections.
- Periodic inspections of building lighting systems should be conducted to ensure that lights are safe and operating as designed. Best practice includes periodic inspections of lighting systems and the use of asset lists to ensure that all assets are inspected on a regular basis.
- The facility exhaust fans should be included in the asset list and PM plans. Regularly scheduled PM will increase the reliability of the equipment and help the equipment meet or exceed its expected lifespan.

Item 7. Extension of FY 2021 SSGP Application Period

Motion:

To modify the FY 2021 School Safety Grant Program (SSGP) Administrative Procedures Guide (APG) Application Schedule to reopen and solicit a new round of applications from Local Education Agencies (LEAs) with remaining available funding.

Background Information:

Upon performing a financial audit of the FY 2021 SSGP, staff determined that a total of \$3.6 million remained unallocated to 9 LEAs. Based on this finding, communication with the Local Education Agencies (LEAs) was initiated, which produced a potential list of projects that could utilize the available funding. Staff learned that the compressed application period from July 9, 2021 to September 10, 2021 may not have offered the LEAs sufficient time to adequately plan and submit eligible projects through the program, and some LEAs expressed interest in applying for other SSGP projects should the application period reopen.

The current FY 2021 Administrative Procedures Guide requires that all program funds (\$10 million) be contracted before the end of FY 2022. Reiterating that school safety is critical and necessary for all occupants of a school building, staff recommend reopening the application period from September 8, 2022 to January 30, 2023 to provide the LEAs an adequate amount of time for project development, submission, and expenditure of the funding. If funding remains after this time period, staff intends to collaborate with the Maryland Center for School Safety to determine an appropriate plan for rolling the funding into a current or future program year.

The proposed modified FY 2021 SSGP application schedule is as follows:

Activity	Current Schedule	Proposed Schedule
Application Period Begins	7/09/2021	09/09/2022
Application Period Ends	9/10/2021	01/30/2023
All FY 21 SSGP project funds to be encumbered	06/29/2022	10/30/2023
Funds for FY 21 SSGP projects to be substantially expended	11/30/2022	03/29/2024
Last day to submit requests for reimbursement	04/03/2023	08/05/2024

**Interagency Commission on School Construction
FY 2021 School Safety Grant Program Approved Allocation Summary**

LEA	FY 21 SSGP Allocations	FY 21 SSGP Funding Approvals	# of Approved Projects	Expenditures	Unexpended Allocations	Unallocated FY 21 SSGP Allocations
Allegany County	\$200,000	\$200,000	1	\$93,984	\$106,016	\$0
Anne Arundel County	\$782,000	\$782,000	7	\$0	\$782,000	\$0
Baltimore County	\$1,005,000	\$1,005,000	4	\$0	\$1,005,000	\$0
Calvert County	\$200,000	\$200,000	22	\$0	\$200,000	\$0
Caroline County	\$200,000	\$0	0	\$0	\$200,000	\$200,000
Carroll County	\$239,000	\$239,000	4	\$239,000	\$0	\$0
Cecil County	\$200,000	\$200,000	1	\$0	\$200,000	\$0
Charles County	\$244,000	\$97,700	4	\$0	\$244,000	\$146,300
Dorchester County	\$200,000	\$200,000	1	\$0	\$200,000	\$0
Frederick County	\$394,000	\$394,000	4	\$0	\$394,000	\$0
Garrett County	\$200,000	\$200,000	6	\$0	\$200,000	\$0
Harford County	\$351,000	\$351,000	12	\$0	\$351,000	\$0
Howard County	\$509,000	\$509,000	3	\$0	\$509,000	\$0
Kent County	\$200,000	\$0	0	\$0	\$200,000	\$200,000
Montgomery County	\$1,482,000	\$0	0	\$0	\$1,482,000	\$1,482,000
Prince George's County	\$1,148,000	\$0	0	\$0	\$1,148,000	\$1,148,000
Queen Anne's County	\$200,000	\$174,000	3	\$0	\$200,000	\$26,000
St. Mary's County	\$200,000	\$200,000	1	\$0	\$200,000	\$0
Somerset County	\$200,000	\$0	0	\$0	\$200,000	\$200,000
Talbot County	\$200,000	\$200,000	4	\$0	\$200,000	\$0
Washington County	\$205,000	\$205,000	2	\$0	\$205,000	\$0
Wicomico County	\$200,000	\$200,000	7	\$0	\$200,000	\$0
Worcester County	\$200,000	\$200,000	1	\$0	\$200,000	\$0
Baltimore City	\$841,000	\$836,343	122	\$0	\$841,000	\$4,657
Maryland School for the Blind	\$200,000	\$0	0	\$0	\$200,000	\$200,000
Grand Total	\$10,000,000	\$6,393,043	209	\$332,984	\$9,667,016	\$3,606,957



Item 8. Pass-Through Grant Funding Approval

Motion:

To approve Pass-Through Grant program project as presented in this item with a total allocation of \$56,883.

Background Information:

2022 Md. Laws, Ch. 344 (SB 291) appropriated \$237 million to be distributed to specified Local Education Agencies (LEAs) for school construction projects selected by each County. These Pass Through Grant (PTG) funds are statutorily required to be allocated as block grants to the LEAs with minimal oversight by the IAC.

The IAC approved the PTG Administrative Procedures Guide (APG) on June 8, 2022, and subsequent revisions on August 11, 2022. To be eligible, projects must be selected by the County Government. The funds cannot be used to replace the local share of projects that have received funding from other IAC programs but may be combined with other State funded projects after the other program funding has been expended. These funds are being provided without the requirement of a local match in accordance with the budget bill.

IAC staff will present projects to the IAC for approval on a rolling basis with funds required to be allocated within FY 2023. PTG applications require authorization by a LEA representative and County Government representative. IAC staff review the applications to ensure projects are eligible for funding.

The IAC staff have reviewed and recommend approval of the following project:

LEA	PSC Number	Project	Requested Funding	Maximum PTG Allocation	PTG Allocation
Caroline	05.007	Federalsburg ES - Bathroom Renewal	\$56,883	\$56,883	\$56,883
Total				\$56,883	\$56,883

SB 291 Pass-Through Funding Application

Local Education Agency Authorization

As the authorized representative of this Local Education Agency, I have read the Interagency Commission on School Construction's applicable Program Administrative Procedures Guide(s) (APG(s)) and I agree to perform all work in accordance with the APG and all applicable Local, State, and Federal laws and regulations.

Bill Mengel	Director of Operations	<i>William J. Mengel</i>	7/13/2022
Agency Rep Name	Title	Signature	Date

County Authorization

As the authorized representative of this County Government, I certify that this application represents the County priorities in accordance with 2022 Md. Laws, Chap. 344.

County Official Name	Title		Date
Jeremy Goldman	County Adm	Signature	8/1/2022

