

Harford County, Maryland
Comprehensive Condition Assessment

State of Facilities Report

JANUARY 2015



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STATE OF FACILITIES REPORT

Executive Summary • January 2015

In order to support Harford County’s civic mission, each facility must be well-equipped with appropriate, functional spaces to successfully provide services to residents. To achieve this, Harford County hired Jacobs Engineering Group Inc. (Jacobs) and embarked on a comprehensive assessment of every County-owned facility within its jurisdiction. This assessment gives the County a clear understanding of facility investment needs over the next ten years; and is part of developing a capital improvement plan that will direct long-range capital improvement efforts and investment across the County.

The assessment consisted of several data-gathering components that culminated to provide options for future investment. One of these components is the comprehensive facility condition assessment which includes costs associated with current deficiencies and a ten year life cycle forecast. Results from the condition assessment are summarized in this document. With this information, along with other data points, options for facility improvement will eventually form a capital improvement plan and forecast future funding requirements.

Data collected during the condition assessment and analysis are currently housed in the M•A•P•P•S™ assessment database in order to support Harford County’s capital planning efforts.

The facility condition assessment identified \$265.17 million in current need. The projected life cycle renewal need for Harford County’s facilities over the next ten years is estimated to be \$311.04 million. Combining current need with the next ten years of anticipated life cycle renewal forecast, Harford County can anticipate \$576.21 million in facility-related needs.

HARFORD COUNTY ASSESSMENT FINDINGS	
FACILITY DEFICIENCY COST	+ \$ 265.17 Million
10-YEAR LIFE CYCLE FORECAST	+ \$ 311.04 Million
TOTAL 10-YEAR NEED	\$ 576.21 Million

The majority of the current need is related to the mechanical systems at school facilities, with Fallston High School being the largest need. Additionally, seventy percent of the life cycle need is forecasted at school facilities occurring primarily in the next 6-10 years. The schools with the most need over the next ten years are Edgewood Middle School, Aberdeen Middle School, and C. Milton Wright High School. School facilities are Harford County’s largest asset; therefore, it is not surprising that the schools require the most significant investment in the next ten years.

Acknowledgments

The Jacobs team would like to extend our appreciation to Harford County for choosing us to conduct this comprehensive assessment. We must thank the building engineers, facility planning department, and the entire Harford County staff who provided input, feedback, and guidance throughout this process.

PROJECT TEAM

Jacobs Engineering Group, Inc.
Grimm + Parker Architects

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Introduction and Methodology

In order to support Harford County's civic vision, each site and facility must be well-equipped with appropriate, functional spaces that successfully provide services to residents. To achieve this, Harford County has embarked on a comprehensive facility condition assessment of every county-owned facility within its jurisdiction to gain a clear understanding of facility investment needs over the next ten years.

This document summarizes the results of the 2014 facility condition assessment and ten year life cycle renewal forecast for Harford County. The facility condition assessment contains detailed information associated with each building component, including the overall condition of the facilities and life cycle forecasting information that identifies future building and system needs. All collected data are housed in the M•A•P•P•S™ database that will be provided to the County for future access and analysis. Data are combined to formulate total county-wide investment needs for the next ten years, which in turn can be used to aid the development of a capital improvement plan and forecast future funding requirements.

THE HARFORD COUNTY COMPREHENSIVE ASSESSMENT PROCESS

This report summarizes findings and results for each component of the comprehensive facility assessment. As shown in Figure 1, each individual assessment or data-gathering exercise led to the production of a list of needs over the next ten years. This is used to aid the development of a capital improvement plan. Each comprehensive assessment component is described in further detail below.

 **Facility Portfolio**
The Jacobs team compiled Harford County's facility portfolio using square footage data provided by the County. Data was analyzed and correlated for use throughout the remainder of the assessment to quantify deficiencies. Final results will be used for future facility management efforts.

 **Facility Condition Assessment**
The facility condition assessment evaluated each building's overall condition, including its site; roof; structural integrity; exterior building envelope; interior; and mechanical, electrical, and plumbing systems. The assessment is conducted with a view toward identifying existing deficiencies that need correction, as well as predicting future replacement needs based on the expected remaining life of building systems and equipment. These two components are combined to represent the total facility requirement.

Architectural, mechanical, and electrical engineering professionals observed conditions at the facilities in Harford County. They evaluated conditions by visual observation that did not include intrusive measures, destructive investigations, or testing. Additionally, input provided by County Facilities and Maintenance staff was incorporated where applicable.



Figure 1: Harford County Comprehensive Assessment Process





The two components of the facility condition assessment are:



Facility Deficiency Cost

Facility deficiency costs are associated with bringing current systems and components back to a functional state as installed, but do not account for additional funds required to adapt facilities to new construction standards or address capacity.



10-year Life Cycle Forecast

Life cycle data predicts future facility costs based on the expected remaining life of individual building systems or equipment. While a particular building component may not require immediate replacement, it is possible for it to reach its end of useful life before or during the commencement of a planned capital construction project. This results in additional costs, which must be accounted for in the planning process.



Combined 10-year Need

Combining current facility deficiency costs with the ten-year life cycle renewal forecast indicates total need for the county. These figures exclude any expansion for additions or new construction to accommodate additional growth. Also, not included are costs for programmatic changes, facility consolidations, and replacements. These items should be determined as part of different scenarios developed during capital planning.

COMPREHENSIVE ASSESSMENT METHODOLOGY



COMPREHENSIVE ASSESSMENT METHODOLOGY

The Harford County comprehensive facility condition assessment utilized the following methodology.

1. **Project Kickoff:** The Harford County comprehensive assessment began in November 2013 with a kickoff meeting to establish goals and objectives and to identify specific facilities as pilots to allow work processes and deliverables to be vetted as test cases. A schedule of milestone activities was presented and agreed upon.
2. **Data Gathering:** Facility condition assessment teams evaluated each building's general condition. They visited each facility and completed assessment forms identifying current deficiencies at each location, along with building systems and subsystems for each building with the estimated remaining life. Data is collected utilizing established checklists to ensure consistency across all teams.
3. **Data Analysis and Cost Estimating:** Following the assessments, collected data were reviewed and entered into the M•A•P•P•S™ assessment and capital planning database. Data was entered into M•A•P•P•S™ utilizing the checklists filled out in the field to ensure consistency in cost estimates across facilities. **Cost estimates are built up utilizing 2014 RSMEANS® Cost Data.** Soft cost models and replacement cost models are developed, reviewed with the client, and input into M•A•P•P•S™. Once the data is initially entered, it is then put through a quality control process and prepared for draft review.
4. **Comprehensive Assessment Meetings and Reporting:** A formal preliminary findings review meeting with facility planning staff was conducted. Results from the comprehensive assessment were presented, and condition and life cycle costs were evaluated based on these results. Where necessary, County staff provided valuable input that identified needs not addressed in the assessment findings.

Facility Portfolio

Harford County currently manages nearly 8.4 million square feet of permanent county-owned facilities on 139 sites. The properties include schools, a community college, libraries, administration, law enforcement, and community service facilities. Table 1 summarizes the portfolio for the county.

Table 1: Harford County Facility Portfolio

School/Facility Type	Sites	Building Square Feet		Temporary Buildings	
		Count	Sq Ft	Count	Sq Ft
Schools	57	107	6,167,149	71	65,602
Parks & Recreation	16	39	316,600	0	-
Emergency Operations	28	29	334,200	0	-
Library	11	12	243,999	0	-
College	1	27	582,239	0	-
Dept of Public Works	7	23	144,925	0	-
Sheriff's Office	4	5	279,863	0	-
Judicial	2	2	88,907	0	-
Facilities & Operations	3	5	69,783	0	-
Offices	1	1	4,425	0	-
Community Services	6	9	116,480	0	-
Other	3	7	15,776	0	-
Total	139	266	8,364,346	71	65,602



BUILDING AGE

Nearly thirty percent of the Harford County's buildings were constructed between 1969 and 1988. The average age of Harford County's buildings is 40 years. Figure 2 on the right illustrates the Harford County building age breakdown.

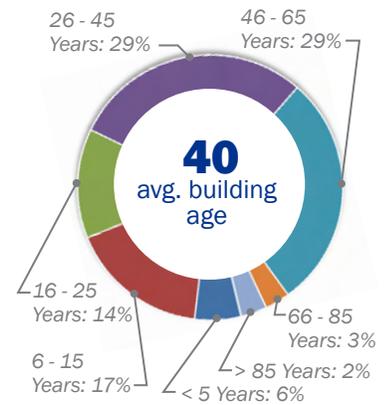


Figure 2: Building Age of Harford County facilities



Facility Condition Assessment and Life Cycle Renewal

FACILITY CONDITION ASSESSMENT SUMMARY

A facility condition assessment evaluates the general health of physical facilities by identifying and prioritizing deficiencies that require correction for long-term use of the site. Observations are typically organized into civil, architectural, structural, mechanical, electrical, plumbing, and roofing disciplines.

The facility condition assessment at Harford County included a comprehensive evaluation that assessed both current deficiencies and building system life cycles. At the conclusion of the building assessment, deficiencies were compiled to develop repair costs for each facility.

All members of the assessment team recorded existing conditions, identified deficiencies, documented corrective action and quantities, and identified priorities for repair. Published checklists and definitions were used for consistency and completeness of data. Representative digital photographs were taken at each site. Following the assessment, a separate data entry team entered the identified deficiencies into the M•A•P•P•S™ assessment and capital planning database using a specific code structure to verify accuracy.

FACILITY DEFICIENCY PRIORITY LEVELS

- 1 Mission Critical Concerns
- 2 Indirect Impact to Facility Mission
- 3 Short-Term Conditions
- 4 Long-Term Requirements
- 5 Enhancements

FACILITY DEFICIENCY PRIORITY LEVELS

Deficiencies were ranked according to five priority levels, with Priority 1 items being the most critical to address:

- **Priority 1 – Mission Critical Concerns:** Deficiencies or conditions that may directly affect the facility's ability to remain open or deliver the intended mission. These deficiencies typically include items related to building safety, code compliance, severely damaged or failing building components, and other items that require near-term correction. An example of a Priority 1 deficiency is a fire alarm system replacement.
- **Priority 2 – Indirect Impact to Facility Mission:** Items that may progress to a Priority 1 item if not addressed in the near term. Examples of Priority 2 deficiencies include inadequate roofing that could cause deterioration of integral building systems, and conditions affecting building envelopes, such as roof and window replacements.
- **Priority 3 – Short-Term Conditions:** Deficiencies that are necessary to the mission of the facility, but may not require immediate attention. These items should be considered necessary improvements for incorporation in order to maximize efficiency and usefulness of the facility. Examples of Priority 3 items include site improvements and plumbing deficiencies.
- **Priority 4 – Long-Term Requirements:** Items or systems which are likely to require attention within the next five years or would be considered an improvement to the facility environment. The improvements may be aesthetic or may provide greater functionality. Examples include cabinets, finishes, paving, and removal of abandoned equipment.
- **Priority 5 – Enhancements:** These items are deficiencies that are aesthetic in nature or are considered enhancements. Typical deficiencies in this priority may include repainting, recarpeting, improved signage, or other items that provide for an improved facility environment. These items may be optional to the County, but are generally included under a comprehensive renovation project plan.

Table 2 depicts building or facility types and their associations, in dollars, by priority level. The table indicates that 85 percent of the total deficiencies are at the school facilities and are Priority 3, which may impact the mission of the facility over the short-term. Of the \$227.62 million, \$24.42 million are associated with Fallston High School. Havre de Grace Middle School, C. Milton Wright High School, and Magnolia Middle School each have over \$12.7 million in current need.

Table 2: Harford County Building Type Deficiencies by Priority Level

Type	Priority 1	Priority 2	Priority 3	Priority 4	Priority 5	Total
Schools	\$ 14,293,775	\$ 76,844,344	\$ 91,087,648	\$ 35,590,482	\$ 9,802,493	\$ 227,618,742
Parks & Recreation	\$ 1,117,984	\$ 388,965	\$ 1,638,538	\$ 1,140,943	\$ 897,495	\$ 5,183,924
Emergency Operations	\$ 730,222	\$ 426,166	\$ 2,014,681	\$ 1,027,463	\$ 438,605	\$ 4,637,137
Library	\$ 542,075	\$ 768,524	\$ 1,308,708	\$ 358,263	\$ 136,849	\$ 3,114,419
College	\$ 242,625	\$ 1,756,607	\$ 2,867,485	\$ 280,484	\$ 427,117	\$ 5,574,318
Dept of Public Works	\$ 402,007	\$ 165,975	\$ 824,992	\$ 3,274,829	\$ 180,970	\$ 4,848,772
Sheriff's Office	\$ 245,726	\$ 1,519,099	\$ 2,593,124	\$ 516,472	\$ 394,933	\$ 5,269,354
Judicial	\$ -	\$ 186,429	\$ 957,159	\$ 157,871	\$ 21,994	\$ 1,323,452
Facilities & Operations	\$ 149,252	\$ 548,027	\$ 701,216	\$ 464,471	\$ 110,054	\$ 1,973,020
Offices	\$ -	\$ -	\$ 21,916	\$ 86,857	\$ 19,350	\$ 128,123
Community Services	\$ 147,447	\$ 1,696,207	\$ 1,954,381	\$ 677,460	\$ 342,059	\$ 4,817,554
Other	\$ 11,340	\$ 342,534	\$ 56,457	\$ 247,601	\$ 26,189	\$ 684,122
Total	\$ 17,882,452	\$ 84,642,876	\$ 106,026,305	\$ 43,823,196	\$ 12,798,108	\$ 265,172,937



FACILITY DEFICIENCY BY BUILDING SYSTEM

Facility deficiencies are divided into 12 industry-standard building systems with multiple subsystems and subsystem types. The 12 systems include:

- Site
- Roofing
- Exterior
- Structural
- Interior
- Mechanical
- Plumbing
- Electrical
- Fire and Life Safety
- Technology
- Conveyances
- Specialties

Table 3 shows building system types and their associations, in dollars, by priority. The table indicates that the majority of the deficiencies are related to the mechanical systems and are categorized as Priority 2. Of the \$97.5 million of mechanical deficiencies, \$15.8 million are located at Fallston High School, \$10 million at Magnolia Middle School, and \$8.5 million at C. Milton Wright High School. The vast majority of facilities with the most need related to the mechanical systems are school facilities, indicating that a significant investment in school facilities mechanical systems is likely required in the near future, with Fallston High School being the largest need.

Table 3: Harford County Building System Deficiencies by Priority Level

Building System	Priority 1	Priority 2	Priority 3	Priority 4	Priority 5	Total
Site	\$ 813,189	\$ 153,949	\$ 3,087,340	\$ 10,840,052	\$ 534,486	\$ 15,429,016
Roofing	\$ 14,012,900	\$ 652,124	\$ 4,998,411	\$ 180,007	\$ 25,951	\$ 19,869,394
Structural	\$ -	\$ -	\$ 134,760	\$ -	\$ -	\$ 134,760
Exterior	\$ -	\$ 13,639,463	\$ 5,071,963	\$ 846,084	\$ 1,905,539	\$ 21,463,048
Interior	\$ -	\$ 4,766,349	\$ 33,409,219	\$ 8,088,000	\$ 7,805,035	\$ 54,068,603
Mechanical	\$ -	\$ 52,839,490	\$ 30,136,140	\$ 13,242,262	\$ 1,318,228	\$ 97,536,120
Electrical	\$ 395,384	\$ 9,148,224	\$ 1,011,651	\$ 886,092	\$ -	\$ 11,441,351
Plumbing	\$ 112,741	\$ 122,613	\$ 24,581,938	\$ 5,901,312	\$ 1,205,261	\$ 31,923,865
Fire and Life Safety	\$ 1,330,545	\$ 3,170,202	\$ -	\$ -	\$ -	\$ 4,500,747
Technology	\$ -	\$ -	\$ 121,515	\$ 718	\$ -	\$ 122,233
Conveyances	\$ 99,824	\$ 99,426	\$ 3,384,133	\$ 53,690	\$ 3,609	\$ 3,640,682
Specialties	\$ 1,117,869	\$ 51,036	\$ 89,237	\$ 3,784,978	\$ -	\$ 5,043,120
Total	\$ 17,882,452	\$ 84,642,876	\$ 106,026,305	\$ 43,823,196	\$ 12,798,108	\$ 265,172,937



FACILITY DEFICIENCY BY CATEGORY

The Jacobs team has categorized the types of costs associated with Harford County facilities. The categories utilized are:

- **Deferred Maintenance** – Planned work which corrects deficiencies that have been postponed beyond the regular life expectancy of the system/facility.
- **Code Compliance** – Deficiencies related to current codes. Many of these code compliance items may fall under grandfather clauses, allowing the buildings to operate under the codes that were in effect at the time of construction but are no longer current.
- **ADA Compliance** – Current deficiencies related to the Americans with Disabilities Act.
- **Capital Renewal** – Current deficiencies requiring replacement that have reached or exceeded serviceable life. These are current and do not include forecasted renewals.
- **Functional Deficiencies** – Deficiencies for a component or system that has failed prior to the end of its expected life.

Table 4 outlines each deficiency category and its association, in dollars, by priority. The category 'capital renewal' yields a total deficiency, in dollars, of \$203.6 million. Many capital renewal costs consist of older building systems that have reached the end of their life. Of the capital renewal deficiencies, \$20.1 million are located at Fallston High School, \$12.6 million at Havre de Grace Middle School, and \$11.2 million at Magnolia Middle School. The vast majority of facilities with the most need related to capital renewal are school facilities indicating future investments in the school facilities is likely required, with Fallston High School being the largest need.

Table 4: Deficiency Category by Priority

Deficiency Category	Priority 1	Priority 2	Priority 3	Priority 4	Priority 5	Total
ADA Compliance	\$ 813,189	\$ 153,949	\$ 31,288,550	\$ 844,282	\$ -	\$ 33,099,970
Capital Renewal	\$ 15,568,829	\$ 82,618,821	\$ 60,978,872	\$ 36,608,041	\$ 7,847,313	\$ 203,621,876
Code Compliance	\$ 1,225,959	\$ 29,877	\$ 218,143	\$ -	\$ 1,457	\$ 1,475,437
Deferred Maintenance	\$ 274,475	\$ 1,804,989	\$ 12,555,966	\$ 6,087,701	\$ 4,949,338	\$ 25,672,469
Functional Deficiency	\$ -	\$ 35,239	\$ 984,775	\$ 283,170	\$ -	\$ 1,303,184
Total	\$ 17,882,452	\$ 84,642,876	\$ 106,026,305	\$ 43,823,196	\$ 12,798,108	\$ 265,172,937

LIFE CYCLE RENEWAL

The final component of the assessment is the life cycle renewal forecast. The life cycle of building systems and components plays a major role in properly developing a long-range capital plan. During the facilities condition assessment, all major building systems were assessed. If the assessor identified a need for immediate replacement, a deficiency was created with the associated repair costs for the particular item. The identified deficiency contributes to the total **current** repair costs for a given facility.

However, capital planning scenarios occur over a number of years, as opposed to being constrained to immediate repairs. Construction projects may be initiated several years after the initial facility condition assessment. Hence, it is necessary to forecast any future costs associated with a facility beyond the current year repair costs. This is accomplished by utilizing a ten year life cycle renewal forecast model.

Life cycle renewal may be defined as the projection of future building system costs based upon each individual system's expected serviceable life. Building systems and components age over time, eventually break down, and reach the end of their useful life, at which point they may require replacement. While an item may be in good condition now, it is possible for it to reach its end of life before the date of a planned construction project.

Facilities are divided into 12 industry-standard building systems that have life cycle renewal needs, with multiple subsystems and subsystem types. The 12 systems include:

- Site
- Roofing
- Exterior
- Structural
- Interior
- Mechanical
- Plumbing
- Electrical
- Fire and Life Safety
- Technology
- Conveyances
- Specialties

Life cycle data for Harford County was obtained during the facility condition assessment, shown in Tables 5 and 6 below, and is categorized by system type and by building type, respectively. The total ten year life cycle forecast for repair costs is \$311.0 million. Seventy percent of the life cycle need is forecasted at school facilities occurring primarily in years 6, 8, and 10. The schools with the most life cycle renewal need over the next ten years are Edgewood Middle School, Aberdeen Middle School, and C. Milton Wright High School, with anticipated investments of \$12.2 million, \$11 million, and \$10.9 million, respectively. Of the \$311.0 million of anticipated need over the next ten years, \$80.1 million is associated with the interior finishes, with the largest need at Harford Technical High school and Bel Air Middle School.

Harford Community College is the single site requiring the most life cycle investment over the next ten years, at \$15.7 million with the majority of life cycle renewal occurring in year 6. Twenty-three buildings were assessed at Harford Community College, making it the largest site in Harford County; therefore, it's logical that this site would require the most life cycle investment over the next ten years. Another site of note is the Detention Center, requiring \$9.4 million in investment over the next ten years with the majority of cost anticipated in year 8.

In general, significant capital renewal expenses can be anticipated in year 6, year 8, and year 10, primarily at several school facilities, the Community College, and the Detention Center.

FACILITY CONDITION INDEX

Table 5: 10-year Life Cycle Forecast by Building System

Building System	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Total
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
Site	\$ -	\$ 822,208	\$ 99,576	\$ 1,046,297	\$ 595,461	\$ 5,057	\$ -	\$ 9,227,235	\$ 99,576	\$ 5,514,545	\$ 17,409,955
Roofing	\$ 154,698	\$ 1,721,299	\$ 1,112,401	\$ 565,854	\$ 5,034,901	\$ 315,138	\$ 773,843	\$ 3,836,328	\$ 207,651	\$ 8,533,157	\$ 22,255,270
Exterior	\$ 25,345	\$ 368,368	\$ 192,950	\$ 3,002,924	\$ 1,858,928	\$ 3,877,631	\$ 572,631	\$ 3,466,087	\$ 665,578	\$ 5,768,916	\$ 19,799,358
Structure	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 712,475	\$ -	\$ 430,092	\$ 1,142,567
Interior	\$ 815,534	\$ 4,200,608	\$ 1,724,720	\$ 11,794,701	\$ 3,668,820	\$ 19,316,011	\$ 3,502,299	\$ 19,387,121	\$ 2,024,924	\$ 13,651,170	\$ 80,085,908
HVAC	\$ 1,012	\$ 267,637	\$ 4,632,541	\$ 4,161,120	\$ 10,353,718	\$ 15,218,112	\$ 32,924	\$ 12,751,852	\$ 1,817,901	\$ 17,324,657	\$ 66,561,474
Plumbing	\$ -	\$ 22,120	\$ 911,562	\$ 317,612	\$ 25,008	\$ 5,013,142	\$ 84,992	\$ 918,164	\$ 298,912	\$ 1,427,834	\$ 9,019,346
Electrical	\$ -	\$ 48,500	\$ 235,884	\$ 7,179	\$ 8,050,755	\$ 9,803	\$ -	\$ 2,654,564	\$ -	\$ 24,198,179	\$ 35,204,864
Technology	\$ -	\$ 8,020	\$ 813	\$ 1,027,544	\$ 54,935	\$ 201,098	\$ 3,221	\$ 3,323,171	\$ 19,359	\$ 56,244	\$ 4,694,405
Fire and Life Safety	\$ 1,350	\$ 119,296	\$ 2,196,964	\$ 864,174	\$ 248,133	\$ 13,459,810	\$ 92,152	\$ 3,343,135	\$ 11,981,361	\$ 91,869	\$ 32,398,244
Conveyances	\$ -	\$ -	\$ -	\$ -	\$ 14,445	\$ 1,061,150	\$ -	\$ 212,230	\$ 212,230	\$ 212,230	\$ 1,712,285
Specialties	\$ 9,771	\$ 232,132	\$ 580,126	\$ 38,675	\$ 286,200	\$ 12,831,239	\$ -	\$ 4,456,940	\$ -	\$ 2,320,342	\$ 20,755,425
Total	\$ 1,007,710	\$ 7,810,188	\$ 11,687,537	\$ 22,826,080	\$ 30,191,304	\$ 71,308,191	\$ 5,062,062	\$ 64,289,302	\$ 17,327,492	\$ 79,529,235	\$ 311,039,101

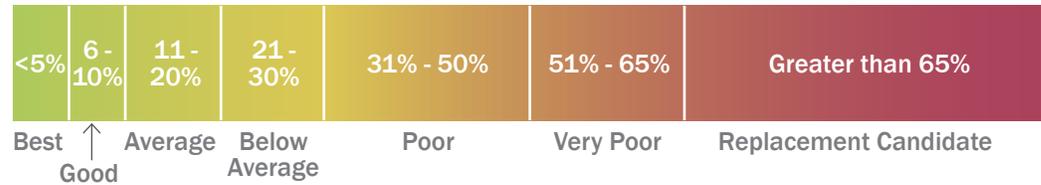
Table 6: 10-year Life Cycle Forecast by Building Type

Facility Type	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Total
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
Schools	\$ 143,881	\$ 5,592,463	\$ 7,292,013	\$ 16,319,085	\$ 20,728,645	\$ 54,839,125	\$ 3,946,137	\$ 47,139,894	\$ 12,195,497	\$ 53,187,605	\$ 221,384,345
Parks & Recreation	\$ 114,072	\$ 402,803	\$ 139,192	\$ 1,058,469	\$ 1,242,778	\$ 1,349,092	\$ 587,549	\$ 3,219,701	\$ 580,996	\$ 4,285,683	\$ 12,980,335
Emergency Operations	\$ 158,151	\$ 378,758	\$ 156,798	\$ 609,369	\$ 1,602,707	\$ 1,427,163	\$ 51,658	\$ 2,485,082	\$ 823,587	\$ 4,186,947	\$ 11,880,220
Library	\$ -	\$ 124,877	\$ 247,725	\$ 1,121,972	\$ 662,399	\$ 2,579,701	\$ 76,324	\$ 2,906,528	\$ 231,461	\$ 2,446,795	\$ 10,397,782
College	\$ 97,909	\$ 380,956	\$ 61,270	\$ 986,091	\$ 1,168,432	\$ 5,311,605	\$ 274,964	\$ 2,671,547	\$ 1,336,496	\$ 3,364,829	\$ 15,654,099
Dept of Public Works	\$ -	\$ 182,454	\$ 139,906	\$ 673,328	\$ 926,295	\$ 1,195,547	\$ 49,195	\$ 1,417,112	\$ 255,378	\$ 2,633,795	\$ 7,473,010
Sheriff's Office	\$ -	\$ 71,419	\$ 24,988	\$ 1,201,198	\$ 557,062	\$ 1,037,431	\$ -	\$ 1,693,287	\$ 1,023,373	\$ 4,922,634	\$ 10,531,392
Judicial	\$ -	\$ 149,843	\$ 3,171,645	\$ 132,427	\$ 2,522,036	\$ 1,933,824	\$ 8,502	\$ 1,291,755	\$ 54,433	\$ 579,222	\$ 9,843,687
Facilities & Operations	\$ 426,982	\$ 60,628	\$ 18,924	\$ 258,371	\$ 276,956	\$ 228,823	\$ 24,302	\$ 327,474	\$ 402,682	\$ 1,541,639	\$ 3,566,781
Offices	\$ -	\$ -	\$ -	\$ 12,541	\$ 10,108	\$ 2,150	\$ -	\$ 8,457	\$ 7,466	\$ 85,010	\$ 125,732
Community Services	\$ -	\$ 439,755	\$ 433,389	\$ 376,150	\$ 433,306	\$ 1,366,594	\$ 24,330	\$ 980,058	\$ 407,769	\$ 1,602,943	\$ 6,064,294
Other	\$ 66,715	\$ 26,232	\$ 1,687	\$ 77,079	\$ 60,580	\$ 37,136	\$ 19,101	\$ 148,407	\$ 8,354	\$ 692,133	\$ 1,137,424
Total	\$ 1,007,710	\$ 7,810,188	\$ 11,687,537	\$ 22,826,080	\$ 30,191,304	\$ 71,308,191	\$ 5,062,062	\$ 64,289,302	\$ 17,327,492	\$ 79,529,235	\$ 311,039,101

FACILITY CONDITION INDEX

The Facility Condition Index (FCI) is a widely used indicator that provides a relative scale of the overall condition of a given facility or group of facilities within a portfolio. The index is derived by dividing the total repair cost, including site-related repairs, by the total replacement cost. The total replacement cost is estimated based on the existing facility and does not account for any enhancements. A site-level FCI encompasses the site and the combination of all structures belonging to that site. An economic analysis generally suggests that FCI's greater than 65 percent represent the point where facilities should be considered for replacement. This value typically indicates the point where further expenditures on a building offer little return when compared to the potential cost of replacing that facility.

Figure 3: FCI Rating Scale



It is important to note that this FCI replacement threshold is not conclusive, but is intended to initiate planning discussions in which other relevant issues with regard to a facility's disposition must be incorporated. This merely suggests where conversations regarding replacement might occur. Other factors such as historical significance, community sentiment, and enrollment trends will create additional variables for replacement consideration.

FCI BY SITE

Table 7 and Figure 4 show the range of FCIs at the site level within Harford County. The majority of the site FCI's are less than 10 percent, indicating that the overall health of the county facilities is good. The sites with FCIs greater than 60 percent are Highway Maintenance Third District Shop, 611 Fountain Green Road, Conowingo Road, Hickory II, and 1311 Abingdon Road. The Highway Maintenance Third District has an FCI of 123.7 percent resulting from a large amount of asphalt replacement which makes up over 90 percent of the deficiency costs at the site. The site at 611 Fountain Green Road has an FCI of 90.7 percent, with approximately 50 percent of the deficiency costs related to asphalt paving replacements.

Table 7: FCI by Campus²

FCI	Site	Area
<10%	92	5,014,200
10-19%	25	2,306,821
20-29%	9	566,463
30-39%	4	335,961
40-49%	3	107,792
50-59%	1	6,474
60-69%	3	58,308
70-79%	-	-
80-89%	-	-
90-100%	1	10,182
>100%	1	14,705
Total	139	8,420,906

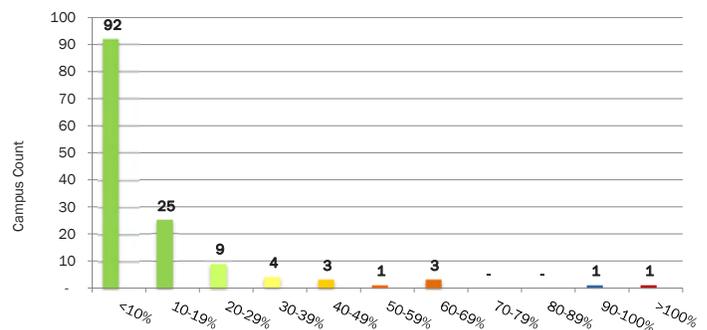


Figure 4: Campus FCI Range

² Due to 9,042 SF of facilities not assessed at Harford Community College, the total square feet for FCI by building and FCI by campus are different than the total facility portfolio in Table 1.

FCI BY BUILDING

Table 8 and Figure 5 show the range of FCIs at the building level within Harford County. The majority of the building FCI's are less than 10 percent, indicating that the overall health of the county facilities is good. The buildings with FCIs greater than 60 percent tend to be smaller shed or service type buildings typically constructed in the 1970s to 2000's. These types of buildings tend to be more expensive to repair than to replace, resulting in high FCIs. A complete building and site condition summary is found in Appendix A.

Table 8: FCI by Building²

FCI	Buildings	Area
<10%	217	5,146,800
10-19%	48	2,062,494
20-29%	23	728,342
30-39%	12	307,385
40-49%	6	108,658
50-59%	7	11,289
60-69%	7	40,502
70-79%	4	6,490
80-89%	4	1,930
90-100%	-	-
>100	3	7,016
Total	331	8,420,906

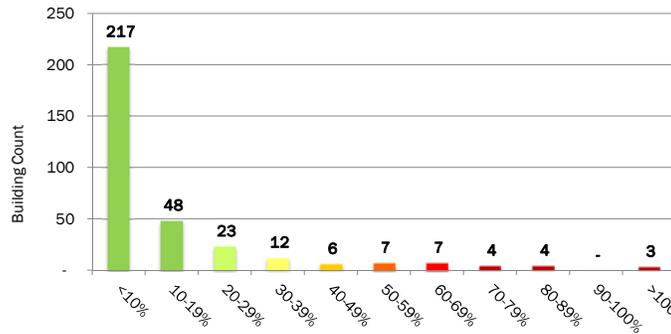


Figure 5: Building FCI Range

SOFT COSTS AND REPLACEMENT COST MODELS

For planning and budgeting purposes, facility condition assessments customarily add soft cost multipliers onto deficiency repair cost estimates. These soft cost multipliers account for a markup that counties typically incur when contracting for renovation and construction services. Soft costs typically include construction cost factors, such as contractor overhead and profit, as well as labor and material inflation, professional fees, and county administrative costs. County administrative costs include testing, permitting, legal, and advertising fees, as well as contingencies and escalation to the midpoint of construction. All stated costs in this assessment summary report include soft cost markups for planning and budgeting purposes. These are estimates, and costs will vary at the time of construction.

Replacement cost models for each facility type were developed based on RSMEANS® Construction Cost Data and industry experience. Replacement cost models are developed on a cost per square foot basis. These values are applied to the square footage of the facility in order to estimate the replacement cost.

Both soft cost and replacement cost models were reviewed with the County for accuracy and applicability to verify that they align with costs that the county has experienced previously. For Harford County two soft cost models were created, one for the school facilities and one for all other facility types. Tables 9 and 10 show the soft cost models developed for Harford County.

Table 9: Soft Cost Model (Non-school)

Soft Cost Model	
Other Building Cost	50%
Contractor GC, OH & Profit	25%
Inflation for Price Figures	18 Mos @ 3.5%
Construction Contingency for Change Orders	5%
Professional Design and Consulting Services	12.25%
Contingency	10%
Administration and Security Expense	2.00%
Escalation to Midpoint of Construction	12 Mos @ 3.00%
Construction Cost Factor :	103%
Soft Cost Factor:	29%

Table 10: School Soft Cost Model

School Soft Cost Model	
Other Building Cost	0%
Contractor GC, OH & Profit	12%
Inflation for Price Figures	18 Mos @ 2%
Construction Contingency for Change Orders	5%
Professional Design and Consulting Services	22.25%
Contingency	10%
Administration and Security Expense	2.00%
Escalation to Midpoint of Construction	0 Mos @ 0.00%
Construction Cost Factor :	20%
Soft Cost Factor:	37%



Summary of Findings & Combined 10-Year Need

Over the next ten years, anticipated deficiencies and forecasted life cycle renewal needs are expected to reach \$576.21 million. Of this total, \$265.17 million is estimated to be the current need. The mechanical systems make up \$97.5 million of the current need. Eighty percent of the need related to the mechanical systems is at school facilities indicating a significant investment in the school facilities mechanical systems is likely required in the near future, with Fallston High School having for the largest need.

The projected ten-year life cycle renewal need for Harford County's facilities is estimated to be \$311.04 million. Seventy percent of the life cycle need is forecasted at school facilities occurring primarily in year 6, year 8, and year 10. Harford Community College is the single site requiring the most investment over the next ten years; twenty-three buildings were assessed at Harford Community College, making it the largest site in Harford County; therefore, it is logical that this site would require the most investment over the next ten years.

The FCI is a recognized formula that provides a general indicator of a building's health. The FCI is calculated by dividing the total cost of repairs into the total replacement cost. The majority of Harford County's site and building FCIs are less than 10 percent, indicating that the majority of the county is in good condition. The buildings with high FCIs tend to be shed or service type buildings.

Table 10 presents the current facility deficiencies, along with the ten year life cycle renewal forecast projecting future costs by facility type. These figures exclude any additions or new construction for additional growth or program expansion.

Table 11: Combined 10-Year Need

	Current Deficiencies	10 yr Life Cycle	Total
Schools	\$ 227,618,742	\$ 221,384,345	\$ 449,003,087
Parks & Recreation	\$ 5,183,924	\$ 12,980,335	\$ 18,164,259
Emergency Operations	\$ 4,637,137	\$ 11,880,220	\$ 16,517,357
Library	\$ 3,114,419	\$ 10,397,782	\$ 13,512,201
College	\$ 5,574,318	\$ 15,654,099	\$ 21,228,417
Dept of Public Works	\$ 4,848,772	\$ 7,473,010	\$ 12,321,782
Sheriff's Office	\$ 5,269,354	\$ 10,531,392	\$ 15,800,746
Judicial	\$ 1,323,452	\$ 9,843,687	\$ 11,167,139
Facilities & Operations	\$ 1,973,020	\$ 3,566,781	\$ 5,539,801
Offices	\$ 128,123	\$ 125,732	\$ 253,855
Community Services	\$ 4,817,554	\$ 6,064,294	\$ 10,881,848
Other	\$ 684,122	\$ 1,137,424	\$ 1,821,546
Total	\$ 265,172,937	\$ 311,039,101	\$ 576,212,038

Appendix A - Site Condition Summary

The following charts provide a summary for each site showing the total site area (in square footage), facility condition cost, total replacement cost, facility condition index, and ten year life cycle cost forecast. **Note that these FCIs are one-year compared to five year reported in the prioritization tool developed for this project.**

Areas reported are entire building square footage and do not consider agency use. Shared use facilities include: Aberdeen Community Services, Edgewood Library, Edgewood Recreation Center, Havre De Grace Activity Center, McFaul Community Center, Norrisville Activity Center/Public Library, Highland Community Center, Roni Chenowith Center, Riverside Building Complex, Fallston Administration, and Fallston Maintenance Facility.

Site Name	Const. Year	Total Area	Facility Condition Cost	Total Replacement Cost	FCI	10 Year Life Cycle
1010 Gateway Road	1996	2,700	\$ 72,633	\$ 1,513,647	4.8%	\$ 335,991
112 South Hickory Avenue	1990	7,900	\$ 367,621	\$ 2,328,367	15.8%	\$ 81,201
1311 Abingdon Road	1950	14,252	\$ 1,027,405	\$ 1,694,135	60.6%	\$ 921,957
145 North Hickory Avenue	1940	11,256	\$ 134,113	\$ 3,586,162	3.7%	\$ 738,348
212 S Bond Street	1985	25,590	\$ 790,574	\$ 8,152,974	9.7%	\$ 1,320,500
220 South Main Street	2005	53,001	\$ 524,600	\$ 16,886,118	3.1%	\$ 2,561,307
611 Fountain Green Road	1950	10,182	\$ 669,065	\$ 737,340	90.7%	\$ 687,121
Aberdeen Community Service	1952	30,000	\$ 1,260,275	\$ 12,373,800	10.2%	\$ 927,075
Aberdeen High School	2004	230,198	\$ 220,549	\$ 76,778,815	0.3%	\$ 4,482,661
Aberdeen Middle School	1973	196,800	\$ 10,117,097	\$ 65,870,928	15.4%	\$ 10,984,882
Aberdeen Public Library	1975	14,200	\$ 369,314	\$ 4,795,340	7.7%	\$ 816,618
Aberdeen Volunteer Fire Company 1	1972	25,000	\$ 745,451	\$ 8,058,500	9.3%	\$ 588,415
Aberdeen Volunteer Fire Company 2	1920	1,392	\$ 231,357	\$ 464,817	49.8%	\$ 81,832
Aberdeen Volunteer Fire Company 3	2010	6,191	\$ 27,012	\$ 1,995,607	1.4%	\$ 32,787
Aberdeen Volunteer Fire Company 4	1981	4,800	\$ 451,084	\$ 1,602,816	28.1%	\$ 406,456
Abingdon Elementary School	1992	91,229	\$ 2,386,877	\$ 30,535,258	7.8%	\$ 3,656,449
Abingdon Public Library	2004	36,700	\$ 616,244	\$ 12,393,590	5.0%	\$ 1,366,444
Abingdon Volunteer Fire Company 1	1995	26,026	\$ 303,961	\$ 8,389,221	3.6%	\$ 879,174
Abingdon Volunteer Fire Company 2	1950	2,700	\$ 12,843	\$ 901,584	1.4%	\$ 60,486
Abingdon Volunteer Fire Company 3	2006	8,282	\$ 14,165	\$ 2,765,526	0.5%	\$ 57,170
Anita C. Leight Estuary	1960	9,100	\$ 185,214	\$ 2,574,642	7.2%	\$ 509,415
Bakerfield Elementary School	1961	65,691	\$ 1,566,160	\$ 21,987,434	7.1%	\$ 5,138,731
Bar Association / Clerk of the Court	1992	13,272	\$ 137,365	\$ 4,228,460	3.2%	\$ 617,561
Bel Air Colored High School	1924	4,425	\$ 128,123	\$ 1,481,092	8.7%	\$ 125,732
Bel Air Elementary School	1984	51,248	\$ 1,298,548	\$ 16,814,203	7.7%	\$ 2,310,912
Bel Air High School	2009	265,554	\$ 75,702	\$ 88,182,946	0.1%	\$ 1,868,937
Bel Air Middle School	1961	166,500	\$ 10,037,688	\$ 55,367,596	18.1%	\$ 9,132,064
Bel Air Public Library	1960	53,964	\$ 427,198	\$ 18,223,644	2.3%	\$ 2,640,629
Bel Air Volunteer Fire Company 1	2000	31,222	\$ 8,904	\$ 10,064,099	0.1%	\$ 544,701
Bel Air Volunteer Fire Company 2	2008	5,400	\$ -	\$ 1,803,168	0.0%	\$ 85,370
Bel Air Volunteer Fire Company 3	2012	8,885	\$ 3,668	\$ 2,966,879	0.1%	\$ 116,481
BOE Administrative Offices	2006	73,122	\$ 316,796	\$ 23,296,670	1.4%	\$ 1,091,692
C. Milton Wright High School	1980	224,410	\$ 13,506,947	\$ 74,321,234	18.2%	\$ 10,926,805
Center for Ed. Opportunity/Teen Diversion	1965	110,272	\$ 8,012,079	\$ 36,738,276	21.8%	\$ 3,688,528
Church Creek Elementary School	1994	85,801	\$ 2,994,107	\$ 28,718,452	10.4%	\$ 2,398,320
Churchville Elementary School	1931	52,360	\$ 2,047,192	\$ 17,525,416	11.7%	\$ 2,107,723
Churchville Recreation Complex	1992	26,000	\$ 183,344	\$ 5,946,200	3.1%	\$ 2,499,445
Circuit Courthouse	1850	75,635	\$ 1,186,088	\$ 36,442,456	3.3%	\$ 9,226,126
Conowingo Road	2000	5,176	\$ 243,868	\$ 379,815	64.2%	\$ 720,232
Darlington Elementary School	1938	24,237	\$ 1,868,570	\$ 8,112,366	23.0%	\$ 1,075,598
Darlington Public Library	1997	4,400	\$ 596,449	\$ 1,485,880	40.1%	\$ 122,301
Darlington Volunteer Fire Company 1	1998	16,770	\$ 317,592	\$ 5,599,839	5.7%	\$ 542,074
Darlington Volunteer Fire Company 2	2012	10,125	\$ 895	\$ 3,380,940	0.0%	\$ 37,262

Site Name	Const. Year	Total Area	Facility Condition Cost	Total Replacement Cost	FCI	10 Year Life Cycle
Deerfield Elementary School	2009	103,200	\$ 29,834	\$ 34,542,072	0.1%	\$ 1,138,154
Detention Center	1973	189,500	\$ 567,074	\$ 106,235,592	0.5%	\$ 9,384,330
Dublin Elementary School	1941	44,385	\$ 1,716,532	\$ 14,856,103	11.6%	\$ 1,831,953
Eden Mill Park - Nature Center	1798	21,730	\$ 362,169	\$ 6,392,732	5.7%	\$ 1,140,632
Edgeley Grove Farm	1750	2,014	\$ 24,318	\$ 144,807	16.8%	\$ 85,852
Edgewood Elementary School	1969	67,341	\$ 1,301,580	\$ 22,539,706	5.8%	\$ 2,277,578
Edgewood High School	2010	268,354	\$ 60,871	\$ 89,820,768	0.1%	\$ 1,878,887
Edgewood Middle School	1965	169,990	\$ 8,058,540	\$ 56,115,358	14.4%	\$ 12,249,451
Edgewood Public Library	2001	19,615	\$ 30,258	\$ 6,623,986	0.5%	\$ 831,727
Edgewood Recreation Center	2003	20,779	\$ 55,425	\$ 8,570,506	0.6%	\$ 386,156
Edgewood Senior Center	1995	8,220	\$ 98,051	\$ 3,390,421	2.9%	\$ 437,000
Emmorton Elementary School	1994	68,184	\$ 64,117	\$ 21,650,231	0.3%	\$ 3,429,375
Emmorton Recreation & Tennis Center	1970	53,910	\$ 803,121	\$ 12,329,217	6.5%	\$ 2,241,306
Fallston High School	1977	233,500	\$ 24,418,619	\$ 78,154,784	31.2%	\$ 6,631,691
Fallston Middle School	1993	131,284	\$ 433,396	\$ 43,716,056	1.0%	\$ 7,284,661
Fallston Public Library	1985	13,500	\$ 264,108	\$ 4,558,950	5.8%	\$ 889,680
Fallston Recreation Complex	1975	12,625	\$ 125,030	\$ 2,344,862	5.3%	\$ 634,782
Fallston Volunteer Fire Company 1	1975	26,000	\$ 577,179	\$ 8,681,920	6.6%	\$ 1,062,822
Fallston Volunteer Fire Company 2	1990	1,500	\$ 61,872	\$ 500,880	12.4%	\$ 185,880
Forest Hill / Hickory Activity Center	1995	31,000	\$ 1,690,304	\$ 12,786,260	13.2%	\$ 1,720,323
Forest Hill Annex - Food Services/LPC	1960	30,315	\$ 646,332	\$ 9,739,916	6.6%	\$ 1,004,039
Forest Hill Elementary School	2000	64,722	\$ 221,778	\$ 21,663,100	1.0%	\$ 1,986,192
Forest Lakes Elementary School	1997	71,971	\$ 900,906	\$ 23,411,382	3.8%	\$ 4,745,003
Fountain Green Elementary School	1993	61,600	\$ 3,692,812	\$ 20,256,520	18.2%	\$ 3,574,532
Geoge D. Lisby Elementary School	1968	56,295	\$ 4,089,022	\$ 18,842,498	21.7%	\$ 2,696,031
Hall's Cross Roads Elementary School	1943	63,442	\$ 1,194,987	\$ 21,234,672	5.6%	\$ 4,635,197
Harford Center	1961	20,062	\$ 128,795	\$ 7,945,186	1.6%	\$ 1,548,461
Harford Community College	1808	582,239	\$ 5,574,318	\$ 267,997,992	2.1%	\$ 15,654,099
Harford Glen Environmental Center	1735	38,210	\$ 271,398	\$ 10,755,179	2.5%	\$ 1,603,905
Harford Technical High School	1978	200,052	\$ 10,270,178	\$ 66,673,725	15.4%	\$ 5,857,839
Harford Waste Disposal Center North Campus	1986	10,526	\$ 318,586	\$ 3,951,216	8.1%	\$ 1,256,047
Harford Waste Disposal Center South Campus	1999	7,664	\$ 77,075	\$ 1,770,308	4.4%	\$ 398,739
Havre de Grace Activity Center	2006	34,200	\$ 14,486	\$ 10,007,604	0.1%	\$ 368,635
Havre de Grace Elementary School	1949	68,685	\$ 1,296,264	\$ 22,989,556	5.6%	\$ 2,744,735
Havre de Grace High School	1955	150,215	\$ 4,556,623	\$ 50,142,856	9.1%	\$ 3,515,211
Havre de Grace Middle School	1967	102,000	\$ 14,184,165	\$ 34,140,420	41.5%	\$ 2,037,546
Havre de Grace Public Library	1982	8,420	\$ 109,379	\$ 2,843,434	3.8%	\$ 437,885
HDG Ambulance Volunteer Fire Company	2000	13,328	\$ 77,290	\$ 4,450,486	1.7%	\$ 376,386
Hickory Annex - Facilities	1960	40,150	\$ 2,303,640	\$ 7,373,431	31.2%	\$ 3,024,086
Hickory Elementary School	1950	80,508	\$ 1,425,823	\$ 26,370,507	5.4%	\$ 4,337,655
Hickory II	1920	38,880	\$ 1,735,038	\$ 2,795,472	62.1%	\$ 2,623,981
Highland Community Center	1907	32,690	\$ 2,168,915	\$ 13,083,372	16.6%	\$ 1,491,453
Highway Maintenance 1st District Shop	1960	17,135	\$ 43,776	\$ 1,232,007	3.6%	\$ 560,240
Highway Maintenance 3rd District Shop	1988	14,705	\$ 1,804,420	\$ 1,458,817	123.7%	\$ 447,889

Site Name	Const. Year	Total Area	Facility Condition Cost	Total Replacement Cost	FCI	10 Year Life Cycle
Highway Maintenance 4th District Shop	1980	30,425	\$ 79,303	\$ 2,900,459	2.7%	\$ 865,614
Homestead/Wakefield Elementary School	1958	120,858	\$ 6,795,294	\$ 39,231,926	17.3%	\$ 4,670,394
Jarrettsville Elementary School	1962	61,275	\$ 1,554,498	\$ 20,509,354	7.6%	\$ 1,510,900
Jarrettsville Public Library	2005	14,000	\$ 95,859	\$ 4,727,800	2.0%	\$ 519,891
Jarrettsville Volunteer Fire Company 1	1991	27,000	\$ 110,911	\$ 8,703,180	1.3%	\$ 1,443,962
Jarrettsville Volunteer Fire Company 2	1985	5,100	\$ 88,122	\$ 1,702,992	5.2%	\$ 173,305
John Archer School/Infants and Toddlers	1971	67,152	\$ 5,330,061	\$ 21,760,446	24.5%	\$ 5,268,864
Joppa Public Library	1980	14,200	\$ 307,506	\$ 4,795,340	6.4%	\$ 766,419
Joppa Volunteer Fire Company 1	1953	16,700	\$ 237,671	\$ 4,393,689	5.4%	\$ 481,799
Joppa Volunteer Fire Company 2	1980	7,700	\$ 185,994	\$ 2,571,184	7.2%	\$ 200,879
Joppa Volunteer Fire Company 3	1992	8,700	\$ 137,865	\$ 2,905,104	4.7%	\$ 390,369
Joppatowne Elementary School	1965	89,985	\$ -	\$ 30,118,878	0.0%	\$ 313,743
Joppatowne High School	1972	186,662	\$ 10,749,964	\$ 61,891,818	17.4%	\$ 7,854,662
Level Volunteer Fire Company	1997	26,792	\$ 345,271	\$ 8,946,385	3.9%	\$ 1,819,011
Liriodendron	1898	6,474	\$ 954,834	\$ 1,810,688	52.7%	\$ 529,782
Magnolia Elementary School	1975	64,900	\$ 3,579,533	\$ 20,592,628	17.4%	\$ 3,113,832
Magnolia Middle School	1979	158,700	\$ 12,749,080	\$ 50,948,780	25.0%	\$ 4,701,717
Mariner Point Park	1999	2,000	\$ 29,648	\$ 589,460	5.0%	\$ 47,282
McFaul Community Center	2002	29,706	\$ 380,044	\$ 12,252,537	3.1%	\$ 766,697
Meadowvale Elementary School	1959	69,000	\$ 1,084,562	\$ 23,094,990	4.7%	\$ 3,907,487
Norrisville Activity Center / Public Library	2003	13,150	\$ 30,780	\$ 5,423,849	0.6%	\$ 494,723
Norrisville Elementary School	1967	37,417	\$ 900,590	\$ 12,523,844	7.2%	\$ 1,992,032
Norrisville Volunteer Fire Company	1950	6,707	\$ 188,925	\$ 2,161,934	8.7%	\$ 467,585
North Bend Elementary School	1991	60,221	\$ 1,361,488	\$ 20,156,570	6.8%	\$ 5,853,860
North Harford Elementary School	1984	53,543	\$ 3,419,470	\$ 17,053,499	20.1%	\$ 1,209,080
North Harford High School	1950	245,238	\$ 264,142	\$ 82,083,608	0.3%	\$ 4,417,175
North Harford Middle School	1976	173,728	\$ 3,693,739	\$ 58,148,496	6.4%	\$ 1,367,206
Northern Precinct	1970	15,255	\$ 81,594	\$ 8,552,105	1.0%	\$ 461,749
Office Building - Vacant	1852	6,600	\$ 779,354	\$ 2,102,760	37.1%	\$ 318,353
Parks & Recreation - Administration	1750	3,264	\$ 160,875	\$ 1,039,910	15.5%	\$ 167,005
Patterson Mill Middle High School	2007	253,328	\$ 385,916	\$ 84,791,416	0.5%	\$ 1,820,890
Prospect Mill Elementary School	1973	77,078	\$ 2,568,795	\$ 25,450,722	10.1%	\$ 2,537,133
Red Pump Elementary School	2011	100,573	\$ 90,652	\$ 33,662,788	0.3%	\$ 712,333
Ring Factory Elementary School	1990	59,132	\$ 2,327,083	\$ 19,792,072	11.8%	\$ 2,881,931
Riverside Building Complex - Public Library	1985	45,000	\$ 201,634	\$ 18,560,700	1.1%	\$ 1,706,959
Riverside Elementary School	1968	55,711	\$ 5,937,771	\$ 18,647,028	31.8%	\$ 2,445,184
Roni Chenoweth Activity Center	2010	29,706	\$ -	\$ 12,252,537	0.0%	\$ 151,427
Roye-Williams Elementary School	1953	81,726	\$ 3,543,270	\$ 27,354,508	13.0%	\$ 2,753,068
Sheriff's Headquarters	1963	32,964	\$ 4,620,686	\$ 18,479,948	25.0%	\$ 532,520
Southampton Middle School	1970	188,134	\$ 8,864,674	\$ 62,970,328	14.1%	\$ 10,521,705
Southern Precinct	2012	42,144	\$ -	\$ 23,626,348	0.0%	\$ 152,793
Susquehanna Volunteer Fire Company 1	1984	6,000	\$ 54,514	\$ 2,003,520	2.7%	\$ 454,120
Susquehanna Volunteer Fire Company 2	1904	2,910	\$ 1,943	\$ 938,009	0.2%	\$ 68,117
Susquehanna Volunteer Fire Company 3	1989	7,646	\$ 29,087	\$ 2,553,153	1.1%	\$ 213,580

Site Name	Const. Year	Total Area	Facility Condition Cost	Total Replacement Cost	FCI	10 Year Life Cycle
Susquehanna Volunteer Fire Company 4	1994	9,759	\$ 96,846	\$ 3,258,726	3.0%	\$ 557,596
Susquehanna Volunteer Fire Company 5	2001	7,865	\$ 92,876	\$ 2,626,281	3.5%	\$ 195,631
Swan Harbor Farm	1740	20,942	\$ 184,332	\$ 4,200,719	4.4%	\$ 1,236,873
Whiteford Public Library	1992	20,000	\$ 96,471	\$ 6,754,000	1.4%	\$ 299,229
Whiteford Volunteer Fire Company	1985	13,700	\$ 233,841	\$ 4,574,704	5.1%	\$ 356,970
Wm Paca/Old Post Rd Elementary School	1956	115,545	\$ 6,986,049	\$ 37,967,106	18.4%	\$ 4,059,300
Wm S. James Elementary School	1976	58,500	\$ 4,049,472	\$ 19,580,534	20.7%	\$ 3,054,723
Youth's Benefit Elementary School	1953	102,520	\$ 5,796,906	\$ 32,980,106	17.6%	\$ 7,070,103
Totals		8,429,948	\$ 265,172,937	\$ 2,909,270,580	9.1%	\$ 311,039,101

Appendix B - Building Condition Summary

The following table contains condition information for the specific buildings located on Harford building sites. These values are totaled at the campus level for the tables and data presented in this report. ***Note that these FCIs are one-year compared to five year reported in the prioritization tool developed for this project.***

Areas reported are entire building square footage and do not consider agency use. Shared use facilities include: Aberdeen Community Services, Edgewood Library, Edgewood Recreation Center, Havre De Grace Activity Center, McFaul Community Center, Norrisville Activity Center/Public Library, Highland Community Center, Roni Chenowith Center, Riverside Building Complex, Fallston Administration, and Fallston Maintenance Facility.

Site Name	Building Name	Year Built	Total Area	Facility Condition Cost	Total Replacement Cost	FCI	10 Year Life Cycle
1010 Gateway Road	1010 Gateway Road	1996	2,700	\$ 71,378	\$ 1,513,647	4.7%	\$ 273,756
112 South Hickory Avenue	112 South Hickory Avenue	1990	7,900	\$ 330,583	\$ 2,328,367	14.2%	\$ 33,902
1311 Abingdon Road	1311 Abingdon Road	1950	14,252	\$ 1,026,057	\$ 1,694,135	60.6%	\$ 873,190
145 North Hickory Avenue	145 North Hickory Avenue	1940	11,256	\$ 101,025	\$ 3,586,162	2.8%	\$ 738,348
212 S Bond Street	212 S Bond Street	1985	25,590	\$ 413,668	\$ 8,152,974	5.1%	\$ 1,320,500
220 South Main Street	220 South Main Street	2005	53,001	\$ 524,600	\$ 16,886,118	3.1%	\$ 2,509,269
611 Fountain Green Road	Main Building	1950	6,632	\$ 500,116	\$ 476,841	104.9%	\$ 500,599
611 Fountain Green Road	Equipment Storage Shop #2	1970	750	\$ 44,741	\$ 55,035	81.3%	\$ 26,026
611 Fountain Green Road	Equipment Storage Shop #1	1970	2,800	\$ 106,071	\$ 205,464	51.6%	\$ 103,101
Aberdeen Community Service	Aberdeen Community Service	1952	30,000	\$ 1,012,112	\$ 12,373,800	8.2%	\$ 927,075
Aberdeen High School	Pressbox and Bleachers	2004	304	\$ 54,041	\$ 33,045	163.5%	\$ 9,425
Aberdeen High School	Storage	2004	300	\$ 1,487	\$ 32,610	4.6%	\$ 9,319
Aberdeen High School	Concession Stand	2004	594	\$ 602	\$ 64,568	0.9%	\$ 16,230
Aberdeen High School	Main Building	2004	229,000	\$ 162,488	\$ 76,648,592	0.2%	\$ 4,441,506
Aberdeen Middle School	Aberdeen Middle School	1973	196,800	\$ 10,103,283	\$ 65,870,928	15.3%	\$ 10,984,882
Aberdeen Public Library	Aberdeen Public Library	1975	14,200	\$ 326,160	\$ 4,795,340	6.8%	\$ 740,316
Aberdeen Volunteer Fire Company 1	Aberdeen Volunteer Fire Company 1	1972	25,000	\$ 745,451	\$ 8,058,500	9.3%	\$ 521,507
Aberdeen Volunteer Fire Company 2	Aberdeen Volunteer Fire Company 2	1920	1,392	\$ 186,465	\$ 464,817	40.1%	\$ 81,832
Aberdeen Volunteer Fire Company 3	Aberdeen Volunteer Fire Company 3	2010	6,191	\$ 27,012	\$ 1,995,607	1.4%	\$ 32,787
Aberdeen Volunteer Fire Company 4	Aberdeen Volunteer Fire Company 4	1981	4,800	\$ 71,151	\$ 1,602,816	4.4%	\$ 357,232
Abingdon Elementary School	Abingdon Elementary School	1992	91,229	\$ 2,187,029	\$ 30,535,258	7.2%	\$ 3,617,818
Abingdon Public Library	Abingdon Public Library	2004	36,700	\$ 616,244	\$ 12,393,590	5.0%	\$ 1,366,444
Abingdon Volunteer Fire Company 1	Abingdon Volunteer Fire Company 1	1995	26,026	\$ 303,961	\$ 8,389,221	3.6%	\$ 879,174
Abingdon Volunteer Fire Company 2	Abingdon Volunteer Fire Company 2	1950	2,700	\$ 12,843	\$ 901,584	1.4%	\$ 28,957
Abingdon Volunteer Fire Company 3	Abingdon Volunteer Fire Company 3	2006	8,282	\$ 833	\$ 2,765,526	0.0%	\$ 55,436
Anita C. Leight Estuary	Greenhouse	2004	800	\$ 47,634	\$ 58,704	81.1%	\$ 29,065
Anita C. Leight Estuary	Caretaker House	1960	800	\$ 100,594	\$ 321,288	31.3%	\$ 89,507
Anita C. Leight Estuary	Anita C. Light Estuary Center Building	2004	7,500	\$ 3,897	\$ 2,194,650	0.2%	\$ 296,245
Bakerfield Elementary School	Bakerfield Elementary School	1961	65,691	\$ 1,342,119	\$ 21,987,434	6.1%	\$ 3,523,101
Bar Association / Clerk of the Court	Bar Association / Clerk of the Court	1992	13,272	\$ 137,365	\$ 4,228,460	3.2%	\$ 617,561
Bel Air Colored High School	Bel Air Colored High School	1924	4,425	\$ 40,038	\$ 1,481,092	2.7%	\$ 125,732
Bel Air Elementary School	Portable Building	2005	750	\$ 35,536	\$ 81,525	43.6%	\$ 21,805
Bel Air Elementary School	Portable Building	2005	750	\$ 29,221	\$ 81,525	35.8%	\$ 31,262
Bel Air Elementary School	Main School Building	1984	49,748	\$ 1,233,260	\$ 16,651,153	7.4%	\$ 1,930,667
Bel Air High School	Ticket Booth	2011	100	\$ 3,643	\$ 10,870	33.5%	\$ -
Bel Air High School	Storage Building	2011	1,000	\$ 4,954	\$ 108,700	4.6%	\$ 3,675
Bel Air High School	Main School Building	2009	262,454	\$ 5,395	\$ 87,845,976	0.0%	\$ 1,783,602
Bel Air High School	Concession Stand	2011	1,600	\$ -	\$ 173,920	0.0%	\$ 7,848
Bel Air High School	Press Box and Bleachers	2011	400	\$ -	\$ 43,480	0.0%	\$ 1,134
Bel Air Middle School	Portable Building	2002	800	\$ 23,310	\$ 86,960	26.8%	\$ 42,917
Bel Air Middle School	Main School Building	1961	164,900	\$ 10,003,271	\$ 55,193,676	18.1%	\$ 9,052,450
Bel Air Middle School	Portable Building	2002	800	\$ 10,341	\$ 86,960	11.9%	\$ 33,840
Bel Air Public Library	Bel Air Public Library	1960	53,964	\$ 273,707	\$ 18,223,644	1.5%	\$ 2,397,641
Bel Air Volunteer Fire Company 1	Bel Air Volunteer Fire Company 1	2000	31,222	\$ 8,904	\$ 10,064,099	0.1%	\$ 544,701
Bel Air Volunteer Fire Company 2	Bel Air Volunteer Fire Company 2	2008	5,400	\$ -	\$ 1,803,168	0.0%	\$ 85,370
Bel Air Volunteer Fire Company 3	Bel Air Volunteer Fire Company 3	2012	8,885	\$ 3,668	\$ 2,966,879	0.1%	\$ 116,481
BOE Administrative Offices	BOE Administrative Offices	2006	73,122	\$ 316,796	\$ 23,296,670	1.4%	\$ 1,066,798
C. Milton Wright High School	Main Building	1980	220,910	\$ 13,506,947	\$ 73,940,784	18.3%	\$ 10,594,870
C. Milton Wright High School	Portable Building	1995	875	\$ -	\$ 95,113	0.0%	\$ 51,629
C. Milton Wright High School	Portable Building	1995	875	\$ -	\$ 95,113	0.0%	\$ 55,617
C. Milton Wright High School	Portable Building	1995	875	\$ -	\$ 95,113	0.0%	\$ 56,449
C. Milton Wright High School	Portable Building	1995	875	\$ -	\$ 95,113	0.0%	\$ 55,540
Center for Ed. Opportunity/Teen Diversion	Planetarium	1965	2,429	\$ 465,038	\$ 813,011	57.2%	\$ 125,991
Center for Ed. Opportunity/Teen Diversion	Main Building	1965	107,087	\$ 7,504,198	\$ 35,843,088	20.9%	\$ 3,487,644
Center for Ed. Opportunity/Teen Diversion	Storage Building	1999	600	\$ 4,005	\$ 65,220	6.1%	\$ 30,897
Center for Ed. Opportunity/Teen Diversion	Storage shed 2	2008	156	\$ -	\$ 16,957	0.0%	\$ 2,606
Church Creek Elementary School	Church Creek Elementary School	1994	85,801	\$ 2,994,107	\$ 28,718,452	10.4%	\$ 2,213,239
Churchville Elementary School	Churchville Elementary School	1931	52,360	\$ 1,967,370	\$ 17,525,416	11.2%	\$ 1,897,323
Churchville Recreation Complex	Churchville Recreation Complex	1992	26,000	\$ 29,145	\$ 5,946,200	0.5%	\$ 1,162,009
Circuit Courthouse	Circuit Courthouse	1850	75,635	\$ 1,184,254	\$ 36,442,456	3.2%	\$ 9,199,636
Conowingo Road	Baseball Storage Shed	2000	280	\$ 18,127	\$ 20,546	88.2%	\$ -
Conowingo Road	Storage Building #1	2000	480	\$ 20,026	\$ 35,222	56.9%	\$ 27,838
Conowingo Road	Restrooms and Concession Stand	2001	896	\$ 6,844	\$ 65,748	10.4%	\$ 57,976
Conowingo Road	Storage Building #2	2006	3,000	\$ 11,957	\$ 220,140	5.4%	\$ 66,075
Conowingo Road	Announcers Stand	2012	520	\$ 1,191	\$ 38,158	3.1%	\$ 10,715
Darlington Elementary School	Darlington Elementary School	1938	24,237	\$ 1,665,163	\$ 8,112,366	20.5%	\$ 1,075,598
Darlington Public Library	Darlington Public Library (Old)	1997	3,000	\$ 574,693	\$ 1,013,100	56.7%	\$ 38,916
Darlington Public Library	Darlington Public Library (New)	1997	1,400	\$ 12,066	\$ 472,780	2.6%	\$ 63,470
Darlington Volunteer Fire Company 1	Darlington Volunteer Fire Company 1	1998	16,770	\$ 317,592	\$ 5,599,839	5.7%	\$ 538,461

Site Name	Building Name	Year Built	Total Area	Facility Condition Cost	Total Replacement Cost	FCI	10 Year Life Cycle
Darlington Volunteer Fire Company 2	Darlington Volunteer Fire Company 2	2012	10,125	\$ 416	\$ 3,380,940	0.0%	\$ 37,262
Deerfield Elementary School	Deerfield Elementary School	2009	103,200	\$ 28,901	\$ 34,542,072	0.1%	\$ 1,138,154
Detention Center	Detention Center	1973	189,500	\$ 529,920	\$ 106,235,592	0.5%	\$ 9,239,836
Dublin Elementary School	Dublin Elementary School	1941	44,385	\$ 1,678,991	\$ 14,856,103	11.3%	\$ 1,614,600
Eden Mill Park - Nature Center	Garden Barn	1930	1,750	\$ 84,033	\$ 208,023	40.4%	\$ 39,629
Eden Mill Park - Nature Center	Classroom space and storage	1920	6,100	\$ 76,437	\$ 1,797,853	4.3%	\$ 296,080
Eden Mill Park - Nature Center	Eden Mill Museum & Office	1798	13,736	\$ 173,870	\$ 4,376,290	4.0%	\$ 799,900
Eden Mill Park - Nature Center	Bathroom Building	1985	144	\$ -	\$ 10,567	0.0%	\$ 5,023
Edgeley Grove Farm	Edgeley Grove Farm	1750	2,014	\$ 24,318	\$ 144,807	16.8%	\$ 84,473
Edgewood Elementary School	Edgewood Elementary School	1969	67,341	\$ 1,301,580	\$ 22,539,706	5.8%	\$ 2,277,578
Edgewood High School	Edgewood High School	2010	268,354	\$ 51,107	\$ 89,820,768	0.1%	\$ 1,878,887
Edgewood Middle School	Portable Building	2005	865	\$ 59,951	\$ 94,026	63.8%	\$ 36,716
Edgewood Middle School	Portable Building	2005	865	\$ 59,322	\$ 94,026	63.1%	\$ 39,071
Edgewood Middle School	Portable Building	2006	865	\$ 50,543	\$ 94,026	53.8%	\$ 44,200
Edgewood Middle School	Portable Building	2006	865	\$ 49,379	\$ 94,026	52.5%	\$ 52,563
Edgewood Middle School	Edgewood Middle School	1965	166,530	\$ 7,810,976	\$ 55,739,256	14.0%	\$ 12,076,901
Edgewood Public Library	Edgewood Public Library	2001	19,615	\$ 30,258	\$ 6,623,986	0.5%	\$ 625,349
Edgewood Recreation Center	Edgewood Recreation Center	2003	20,779	\$ 55,425	\$ 8,570,506	0.6%	\$ 386,156
Edgewood Senior Center	Edgewood Senior Center	1995	8,220	\$ 36,856	\$ 3,390,421	1.1%	\$ 437,000
Emmorton Elementary School	Portable Building	1989	864	\$ 10,831	\$ 93,917	11.5%	\$ 64,160
Emmorton Elementary School	Portable Building	1999	864	\$ 416	\$ 93,917	0.4%	\$ 36,703
Emmorton Elementary School	Portable Building	1999	864	\$ 416	\$ 93,917	0.4%	\$ 36,703
Emmorton Elementary School	Portable Building	1999	864	\$ 416	\$ 93,917	0.4%	\$ 36,703
Emmorton Elementary School	Portable Building	1999	864	\$ 416	\$ 93,917	0.4%	\$ 36,703
Emmorton Elementary School	Main Building	1994	63,000	\$ 51,204	\$ 21,086,730	0.2%	\$ 3,142,325
Emmorton Recreation & Tennis Center	Indoor Recreation Center	1970	40,350	\$ 642,492	\$ 9,228,045	7.0%	\$ 2,043,617
Emmorton Recreation & Tennis Center	Indoor Tennis Court	2002	13,560	\$ 43,553	\$ 3,101,172	1.4%	\$ 92,291
Fallston High School	Fallston High School	1977	233,500	\$ 24,270,496	\$ 78,154,784	31.1%	\$ 6,631,691
Fallston Middle School	Portable Building	1989	1,000	\$ 18,019	\$ 108,700	16.6%	\$ 74,122
Fallston Middle School	Fallston Middle School	1993	130,284	\$ 316,112	\$ 43,607,356	0.7%	\$ 7,210,539
Fallston Public Library	Fallston Public Library	1985	13,500	\$ 258,948	\$ 4,558,950	5.7%	\$ 672,855
Fallston Recreation Complex	Maintenance Building	1975	7,825	\$ 124,491	\$ 930,158	13.4%	\$ 397,269
Fallston Recreation Complex	Office Building	2005	4,800	\$ 540	\$ 1,414,704	0.0%	\$ 77,650
Fallston Volunteer Fire Company 1	Fallston Volunteer Fire Company 1	1975	26,000	\$ 577,179	\$ 8,681,920	6.6%	\$ 1,062,822
Fallston Volunteer Fire Company 2	Fallston Volunteer Fire Company 2	1990	1,500	\$ 8,219	\$ 500,880	1.6%	\$ 156,007
Forest Hill / Hickory Activity Center	Forest Hill / Hickory Activity Center	1995	31,000	\$ 1,605,748	\$ 12,786,260	12.6%	\$ 1,474,741
Forest Hill Annex - Food Services/LPC	Main Building	1960	18,205	\$ 356,821	\$ 6,093,396	5.9%	\$ 542,863
Forest Hill Annex - Food Services/LPC	Library Processing Center	1970	5,750	\$ 52,347	\$ 1,924,583	2.7%	\$ 316,346
Forest Hill Annex - Food Services/LPC	Food Warehouse	1960	4,560	\$ 28,357	\$ 1,526,278	1.9%	\$ 137,682
Forest Hill Annex - Food Services/LPC	Freezer	2010	1,800	\$ -	\$ 195,660	0.0%	\$ 7,148
Forest Hill Elementary School	Forest Hill Elementary School	2000	64,722	\$ 220,683	\$ 21,663,100	1.0%	\$ 1,972,899
Forest Lakes Elementary School	Portable Building	2000	850	\$ 20,012	\$ 92,395	21.7%	\$ 62,603
Forest Lakes Elementary School	Portable Building	2000	1,300	\$ 27,049	\$ 141,310	19.1%	\$ 121,914
Forest Lakes Elementary School	Forest Lakes Elementary School	1997	68,971	\$ 710,496	\$ 23,085,282	3.1%	\$ 4,560,486
Forest Lakes Elementary School	Portable Building	2000	850	\$ -	\$ 92,395	0.0%	\$ -
Fountain Green Elementary School	Portable Building	2003	800	\$ 63,071	\$ 86,960	72.5%	\$ 46,938
Fountain Green Elementary School	Portable Building	2003	800	\$ 23,497	\$ 86,960	27.0%	\$ 63,478
Fountain Green Elementary School	Main Building	1993	60,000	\$ 3,598,516	\$ 20,082,600	17.9%	\$ 2,700,510
George D. Lisby Elementary School	George D. Lisby Elementary School	1968	56,295	\$ 4,089,022	\$ 18,842,498	21.7%	\$ 2,230,562
Hall's Cross Roads Elementary School	Pre-K Building	1968	3,600	\$ 116,086	\$ 1,204,956	9.6%	\$ 174,659
Hall's Cross Roads Elementary School	Hall's Cross Roads Elementary School	1943	59,842	\$ 1,065,901	\$ 20,029,716	5.3%	\$ 4,460,538
Harford Center	Greenhouse	2000	540	\$ 9,685	\$ 39,625	24.4%	\$ 61,957
Harford Center	Harford Center	1961	19,090	\$ 119,110	\$ 7,873,861	1.5%	\$ 1,477,456
Harford Center	Storage Building	2013	432	\$ -	\$ 31,700	0.0%	\$ 9,048
Harford Community College	Forest Hill Building	1978	13,913	\$ 601,453	\$ 4,148,718	14.5%	\$ 634,528
Harford Community College	Edgewood Hall	1994	33,845	\$ 1,512,567	\$ 12,656,676	12.0%	\$ 2,156,547
Harford Community College	HECC East	1995	10,000	\$ 457,415	\$ 5,314,900	8.6%	\$ 627,981
Harford Community College	Fallston Hall	1997	24,728	\$ 390,801	\$ 9,247,283	4.2%	\$ 938,149
Harford Community College	Maryland Hall	1965	10,303	\$ 150,621	\$ 3,852,910	3.9%	\$ 174,963
Harford Community College	Chesapeake Center	1968	32,266	\$ 417,090	\$ 13,946,011	3.0%	\$ 1,336,010
Harford Community College	Observatory	1999	4,143	\$ 44,358	\$ 1,549,316	2.9%	\$ 115,210
Harford Community College	Havre de Grace Hall	1968	18,156	\$ 176,199	\$ 6,789,618	2.6%	\$ 238,526
Harford Community College	Student Center	2002	50,294	\$ 427,222	\$ 19,044,830	2.2%	\$ 1,841,109
Harford Community College	HECC West	1998	19,080	\$ 164,637	\$ 10,140,829	1.6%	\$ 684,219
Harford Community College	Sports Complex Building	2010	2,475	\$ 26,542	\$ 1,922,877	1.4%	\$ 83,449
Harford Community College	Pump Station	1968	852	\$ 11,793	\$ 863,817	1.4%	\$ 249,154
Harford Community College	Susquehanna Center	1968	101,560	\$ 838,277	\$ 78,903,992	1.1%	\$ 1,162,199
Harford Community College	Amoss Center	1999	22,637	\$ 73,962	\$ 9,784,164	0.8%	\$ 876,413

Site Name	Building Name	Year Built	Total Area	Facility Condition Cost	Total Replacement Cost	FCI	10 Year Life Cycle
Harford Community College	Belcamp Building	1990	2,337	\$ 8,243	\$ 1,242,092	0.7%	\$ 116,588
Harford Community College	Joppa Hall	1968	81,385	\$ 162,830	\$ 30,434,734	0.5%	\$ 1,252,713
Harford Community College	Hays-Heighe House	1808	6,000	\$ 9,585	\$ 2,474,760	0.4%	\$ 226,765
Harford Community College	Conowingo Building	2002	16,189	\$ 18,469	\$ 4,771,384	0.4%	\$ 382,816
Harford Community College	Library	1999	49,346	\$ 11,938	\$ 16,664,145	0.1%	\$ 1,182,784
Harford Community College	Aberdeen Hall	1965	43,023	\$ 4,545	\$ 16,088,881	0.0%	\$ 407,553
Harford Community College	Bel Air Hall	1965	30,665	\$ 783	\$ 11,467,483	0.0%	\$ 718,921
Harford Glen Environmental Center	Ice House	1735	100	\$ 9,516	\$ 10,870	87.5%	\$ 12,050
Harford Glen Environmental Center	Corn Crib	1735	400	\$ 28,582	\$ 43,480	65.7%	\$ 14,961
Harford Glen Environmental Center	Log Cabin	2002	360	\$ 30,984	\$ 120,496	25.7%	\$ 6,294
Harford Glen Environmental Center	Gate House	1991	4,500	\$ 82,351	\$ 489,150	16.8%	\$ 210,118
Harford Glen Environmental Center	Mansion House	1804	2,500	\$ 25,494	\$ 836,775	3.0%	\$ 217,654
Harford Glen Environmental Center	Smoke House	1735	1,150	\$ 1,386	\$ 125,005	1.1%	\$ 8,449
Harford Glen Environmental Center	Dormitory Buildings	1998	19,000	\$ 39,564	\$ 6,359,490	0.6%	\$ 878,385
Harford Glen Environmental Center	Dining Hall	1998	4,600	\$ -	\$ 1,539,666	0.0%	\$ 168,421
Harford Glen Environmental Center	Pavilion	1998	2,750	\$ -	\$ 920,453	0.0%	\$ 56,566
Harford Glen Environmental Center	Storage Building	1998	1,300	\$ -	\$ 141,310	0.0%	\$ 11,413
Harford Glen Environmental Center	Greenhouse	1998	210	\$ -	\$ 22,827	0.0%	\$ 3,162
Harford Glen Environmental Center	Storage Shed	2012	1,000	\$ -	\$ 108,700	0.0%	\$ 7,074
Harford Glen Environmental Center	Garden Shed	2012	340	\$ -	\$ 36,958	0.0%	\$ 5,680
Harford Technical High School	Main Building	1978	195,588	\$ 9,053,736	\$ 65,465,256	13.8%	\$ 5,565,036
Harford Technical High School	Ticket Booth	2008	200	\$ 1,679	\$ 21,740	7.7%	\$ -
Harford Technical High School	Portable 01	2004	704	\$ 4,244	\$ 76,525	5.5%	\$ 57,200
Harford Technical High School	Press Box	2008	360	\$ 602	\$ 39,132	1.5%	\$ 1,319
Harford Technical High School	Team Building	2008	3,200	\$ -	\$ 1,071,072	0.0%	\$ 4,439
Harford Waste Disposal Center North Campus	White House	1991	1,350	\$ 142,524	\$ 430,110	33.1%	\$ 270,596
Harford Waste Disposal Center North Campus	Maintenance Shop	1986	5,400	\$ 88,629	\$ 388,260	22.8%	\$ 302,237
Harford Waste Disposal Center North Campus	Scalehouse	1990	1,056	\$ 87,433	\$ 424,100	20.6%	\$ 85,592
Harford Waste Disposal Center North Campus	Groundwater Treatment Plant	1998	2,640	\$ -	\$ 2,676,617	0.0%	\$ 92,438
Harford Waste Disposal Center North Campus	Leachate Hauling Attendant Booth	2011	80	\$ -	\$ 32,129	0.0%	\$ 15,937
Harford Waste Disposal Center South Campus	Mulch & Compost Personnel Office	2000	720	\$ 54,355	\$ 289,159	18.8%	\$ 82,640
Harford Waste Disposal Center South Campus	Main Administrative Building	2004	3,600	\$ 20,381	\$ 1,061,028	1.9%	\$ 288,563
Harford Waste Disposal Center South Campus	Mulch & Compost Pole Barn	1999	3,264	\$ 2,340	\$ 387,992	0.6%	\$ 13,840
Harford Waste Disposal Center South Campus	Mulch & Compost Attendant Booth	2012	80	\$ -	\$ 32,129	0.0%	\$ 13,696
Havre de Grace Activity Center	Havre de Grace Activity Center	2006	34,200	\$ 13,034	\$ 10,007,604	0.1%	\$ 368,635
Havre de Grace Elementary School	Pre K Building	1950	3,600	\$ 244,711	\$ 1,204,956	20.3%	\$ 205,663
Havre de Grace Elementary School	Main Building	1949	65,085	\$ 773,779	\$ 21,784,600	3.6%	\$ 2,191,375
Havre de Grace High School	Pressbox	2008	400	\$ 5,342	\$ 43,480	12.3%	\$ 16,480
Havre de Grace High School	Main Building	1955	84,815	\$ 3,223,316	\$ 28,388,428	11.4%	\$ 1,972,691
Havre de Grace High School	Gym/Auditorium	1955	60,000	\$ 1,316,150	\$ 20,082,600	6.6%	\$ 1,335,847
Havre de Grace High School	Visitor Team Room	2008	1,800	\$ -	\$ 602,478	0.0%	\$ 13,556
Havre de Grace High School	Concessions/Team Room	2008	3,000	\$ -	\$ 1,004,130	0.0%	\$ 14,555
Havre de Grace High School	Ticket Booth	2008	200	\$ -	\$ 21,740	0.0%	\$ 2,681
Havre de Grace Middle School	Havre de Grace Middle School	1967	102,000	\$ 13,983,357	\$ 34,140,420	41.0%	\$ 1,528,874
Havre de Grace Public Library	Havre de Grace Public Library	1982	8,420	\$ 100,210	\$ 2,843,434	3.5%	\$ 353,527
HDG Ambulance Volunteer Fire Company	HDG Ambulance Volunteer Fire Company	2000	13,328	\$ 76,094	\$ 4,450,486	1.7%	\$ 376,386
Hickory Annex - Facilities	Carpentry/Hardware Building	1980	3,990	\$ 350,163	\$ 474,291	73.8%	\$ 255,713
Hickory Annex - Facilities	Vehicle Maintenance	1970	5,400	\$ 245,441	\$ 388,260	63.2%	\$ 403,151
Hickory Annex - Facilities	Storage Shed	1970	4,320	\$ 195,861	\$ 317,002	61.8%	\$ 85,010
Hickory Annex - Facilities	Receiving Building	1970	2,016	\$ 98,109	\$ 239,642	40.9%	\$ 165,256
Hickory Annex - Facilities	Plumbing/Electrical/Welding Building	1980	3,000	\$ 116,812	\$ 356,610	32.8%	\$ 191,065
Hickory Annex - Facilities	Main Building	1960	7,651	\$ 463,741	\$ 2,437,609	19.0%	\$ 585,769
Hickory Annex - Facilities	Grounds/Painting Building	1960	5,693	\$ 107,821	\$ 676,727	15.9%	\$ 314,228
Hickory Annex - Facilities	Transportation Dispatch	1995	380	\$ 23,674	\$ 152,612	15.5%	\$ 41,586
Hickory Annex - Facilities	Pole Building	1970	2,304	\$ 41,464	\$ 273,877	15.1%	\$ 56,288
Hickory Annex - Facilities	Compliance Building	1960	1,600	\$ 49,395	\$ 642,576	7.7%	\$ 121,664
Hickory Annex - Facilities	Preventative Maintenance Building	1970	270	\$ 6,801	\$ 108,435	6.3%	\$ 29,328
Hickory Annex - Facilities	Transportation Building	2010	750	\$ -	\$ 301,208	0.0%	\$ 31,346
Hickory Annex - Facilities	Training Facility	2012	1,600	\$ -	\$ 642,576	0.0%	\$ 78,944
Hickory Annex - Facilities	Maintenance Annex	2011	840	\$ -	\$ 337,352	0.0%	\$ 36,558
Hickory Annex - Facilities	Vehicle Maintenance Storage	2000	336	\$ -	\$ 24,656	0.0%	\$ 20,018
Hickory Elementary School	Portable Building	2000	850	\$ 69,347	\$ 92,395	75.1%	\$ 69,062
Hickory Elementary School	Portable Building	2000	850	\$ 67,797	\$ 92,395	73.4%	\$ 62,941
Hickory Elementary School	Portable Building	2000	850	\$ 54,459	\$ 92,395	58.9%	\$ 76,985
Hickory Elementary School	Main School Building	1950	77,958	\$ 810,974	\$ 26,093,322	3.1%	\$ 4,058,825
Hickory II	Fleet Maintenance	1920	14,400	\$ 643,145	\$ 1,035,360	62.1%	\$ 909,466
Hickory II	Highways Administrative Office and Highway Maintena	1990	24,480	\$ 34,654	\$ 1,760,112	2.0%	\$ 1,449,378
Highland Community Center	Highland Community Center	1907	29,190	\$ 2,023,790	\$ 12,039,707	16.8%	\$ 1,140,645
Highland Community Center	Child Care Center	1920	3,500	\$ 125,855	\$ 1,043,665	12.1%	\$ 78,577

Site Name	Building Name	Year Built	Total Area	Facility Condition Cost	Total Replacement Cost	FCI	10 Year Life Cycle
Highway Maintenance 1st District Shop	Highway Maintenance 1st District Shop	1960	17,135	\$ 42,971	\$ 1,232,007	3.5%	\$ 560,240
Highway Maintenance 3rd District Shop	Salt Dome	1988	2,921	\$ 22,553	\$ 347,219	6.5%	\$ 14,890
Highway Maintenance 3rd District Shop	Highway Maintenance 3rd District Shop	1992	5,800	\$ 3,366	\$ 417,020	0.8%	\$ 237,506
Highway Maintenance 3rd District Shop	Shed	1992	80	\$ -	\$ 5,870	0.0%	\$ 24,739
Highway Maintenance 3rd District Shop	Pole Barns	1992	5,616	\$ -	\$ 667,574	0.0%	\$ 151,828
Highway Maintenance 3rd District Shop	Shed	1992	288	\$ -	\$ 21,133	0.0%	\$ 18,926
Highway Maintenance 4th District Shop	Shed 2	1980	80	\$ 10,120	\$ 5,870	172.4%	\$ -
Highway Maintenance 4th District Shop	Highway Maintenance 4th District Shop	1998	14,700	\$ 46,415	\$ 1,056,930	4.4%	\$ 322,417
Highway Maintenance 4th District Shop	Salt Dome	1998	7,580	\$ 11,384	\$ 901,035	1.3%	\$ 150,283
Highway Maintenance 4th District Shop	Salt Dome 2	2005	7,580	\$ 11,384	\$ 901,035	1.3%	\$ 150,283
Highway Maintenance 4th District Shop	Shed 1	2006	485	\$ -	\$ 35,589	0.0%	\$ 13,605
Homestead/Wakefield Elementary School	Homestead Building	1966	52,628	\$ 5,246,410	\$ 17,615,118	29.8%	\$ 2,214,096
Homestead/Wakefield Elementary School	Portable Building 2	2005	1,800	\$ 46,988	\$ 195,660	24.0%	\$ 108,096
Homestead/Wakefield Elementary School	Wakefield Building	1958	62,830	\$ 1,209,427	\$ 21,029,828	5.8%	\$ 2,115,383
Homestead/Wakefield Elementary School	Portable Building 1	2005	1,800	\$ -	\$ 195,660	0.0%	\$ 97,972
Homestead/Wakefield Elementary School	Portable Building 3	2005	1,800	\$ -	\$ 195,660	0.0%	\$ 121,481
Jarrettsville Elementary School	Jarrettsville Elementary School	1962	61,275	\$ 1,549,710	\$ 20,509,354	7.6%	\$ 1,437,248
Jarrettsville Public Library	Jarrettsville Public Library	2005	14,000	\$ 95,859	\$ 4,727,800	2.0%	\$ 519,891
Jarrettsville Volunteer Fire Company 1	Jarrettsville Volunteer Fire Company 1	1991	27,000	\$ 110,911	\$ 8,703,180	1.3%	\$ 990,349
Jarrettsville Volunteer Fire Company 2	Jarrettsville Volunteer Fire Company 2	1985	5,100	\$ 88,122	\$ 1,702,992	5.2%	\$ 173,305
John Archer School/Infants and Toddlers	Portable Building	2008	720	\$ 28,277	\$ 78,264	36.1%	\$ 28,070
John Archer School/Infants and Toddlers	Portable Building	2008	864	\$ 28,277	\$ 93,917	30.1%	\$ 37,329
John Archer School/Infants and Toddlers	Portable Building	2008	864	\$ 25,013	\$ 93,917	26.6%	\$ 24,429
John Archer School/Infants and Toddlers	Main Building	1971	63,984	\$ 4,602,803	\$ 21,416,084	21.5%	\$ 4,953,411
John Archer School/Infants and Toddlers	Portable Building	2008	720	\$ -	\$ 78,264	0.0%	\$ 30,651
Joppa Public Library	Joppa Public Library	1980	14,200	\$ 294,619	\$ 4,795,340	6.1%	\$ 623,233
Joppa Volunteer Fire Company 1	Main Building	1953	11,200	\$ 215,678	\$ 3,739,904	5.8%	\$ 306,289
Joppa Volunteer Fire Company 1	Apparatus Bay	1997	5,500	\$ 8,660	\$ 653,785	1.3%	\$ 175,510
Joppa Volunteer Fire Company 2	Joppa Volunteer Fire Company 2	1980	7,700	\$ 185,994	\$ 2,571,184	7.2%	\$ 200,879
Joppa Volunteer Fire Company 3	Joppa Volunteer Fire Company 3	1992	8,700	\$ 137,865	\$ 2,905,104	4.7%	\$ 390,369
Joppatowne Elementary School	Joppatowne Elementary School	1965	89,985	\$ -	\$ 30,118,878	0.0%	\$ 313,743
Joppatowne High School	Joppatowne High School	1972	184,070	\$ 10,128,226	\$ 61,610,068	16.4%	\$ 7,121,330
Joppatowne High School	Portable Building	1992	864	\$ 1,331	\$ 93,917	1.4%	\$ 49,564
Joppatowne High School	Portable Building	1992	864	\$ -	\$ 93,917	0.0%	\$ 48,023
Joppatowne High School	Portable Building	1992	864	\$ -	\$ 93,917	0.0%	\$ 49,564
Level Volunteer Fire Company	Level Volunteer Fire Company	1997	26,792	\$ 345,271	\$ 8,946,385	3.9%	\$ 1,410,747
Liriodendron	Mansion	1898	6,034	\$ 363,285	\$ 1,778,401	20.4%	\$ 352,003
Liriodendron	Icehouse	1898	440	\$ 1,488	\$ 32,287	4.6%	\$ 22,392
Magnolia Elementary School	Portable Building	1987	1,000	\$ 24,500	\$ 108,700	22.5%	\$ 70,518
Magnolia Elementary School	Magnolia Elementary School	1975	59,900	\$ 3,485,628	\$ 20,049,128	17.4%	\$ 2,749,077
Magnolia Elementary School	Portable Building	1987	1,000	\$ 18,267	\$ 108,700	16.8%	\$ 81,891
Magnolia Elementary School	Portable Building	1987	1,000	\$ 17,561	\$ 108,700	16.2%	\$ 74,694
Magnolia Elementary School	Portable Building	1987	1,000	\$ 17,561	\$ 108,700	16.2%	\$ 73,729
Magnolia Elementary School	Portable Building	1987	1,000	\$ 16,016	\$ 108,700	14.7%	\$ 63,923
Magnolia Middle School	Magnolia Middle School	1979	149,100	\$ 12,746,966	\$ 49,905,260	25.5%	\$ 4,295,283
Magnolia Middle School	Portable Building	2006	1,200	\$ 579	\$ 130,440	0.4%	\$ 37,898
Magnolia Middle School	Portable Building	2006	1,200	\$ 386	\$ 130,440	0.3%	\$ 26,911
Magnolia Middle School	Portable Building	2006	1,200	\$ -	\$ 130,440	0.0%	\$ 37,898
Magnolia Middle School	Portable Building	2006	1,200	\$ -	\$ 130,440	0.0%	\$ 37,898
Magnolia Middle School	Portable Building	2006	1,200	\$ -	\$ 130,440	0.0%	\$ 37,898
Magnolia Middle School	Portable Building	2006	1,200	\$ -	\$ 130,440	0.0%	\$ 37,898
Magnolia Middle School	Portable Building	2006	1,200	\$ -	\$ 130,440	0.0%	\$ 37,898
Magnolia Middle School	Portable Building	2006	1,200	\$ -	\$ 130,440	0.0%	\$ 37,898
Magnolia Middle School	Portable Building	2006	1,200	\$ -	\$ 130,440	0.0%	\$ 37,898
Mariner Point Park	Mariner Point Park	1999	2,000	\$ 29,648	\$ 589,460	5.0%	\$ 47,282
McFaul Community Center	McFaul Community Center	2002	29,706	\$ 380,044	\$ 12,252,537	3.1%	\$ 741,848
Meadowdale Elementary School	Meadowdale Elementary School	1959	69,000	\$ 1,050,708	\$ 23,094,990	4.5%	\$ 3,605,074
Norrisville Activity Center / Public Library	Norrisville Activity Center / Public Library	2003	13,150	\$ 28,865	\$ 5,423,849	0.5%	\$ 489,644
Norrisville Elementary School	Norrisville Elementary School	1967	37,417	\$ 900,590	\$ 12,523,844	7.2%	\$ 1,870,710
Norrisville Volunteer Fire Company	Norrisville Volunteer Fire Company	1950	6,707	\$ 141,279	\$ 2,161,934	6.5%	\$ 467,585
North Bend Elementary School	North Bend Elementary School	1991	60,221	\$ 1,262,053	\$ 20,156,570	6.3%	\$ 5,254,982
North Harford Elementary School	North Harford Elementary School	1984	49,703	\$ 3,358,264	\$ 16,638,091	20.2%	\$ 380,088
North Harford Elementary School	Portable Building	2003	960	\$ 15,302	\$ 104,352	14.7%	\$ 79,932
North Harford Elementary School	Portable Building	2003	960	\$ 15,302	\$ 104,352	14.7%	\$ 91,405
North Harford Elementary School	Portable Building	2003	960	\$ 15,302	\$ 104,352	14.7%	\$ 82,124
North Harford Elementary School	Portable Building	2003	960	\$ 15,302	\$ 104,352	14.7%	\$ 91,455
North Harford High School	North Harford High School	1950	245,238	\$ 140,060	\$ 82,083,608	0.2%	\$ 4,323,579
North Harford Middle School	North Harford Middle School	1976	173,728	\$ 3,465,999	\$ 58,148,496	6.0%	\$ 1,367,206
Northern Precinct	Northern Precinct	1970	10,320	\$ 81,594	\$ 5,785,495	1.4%	\$ 461,749
Northern Precinct	Manorwood Center - Building B	1970	4,935	\$ -	\$ 2,766,610	0.0%	\$ -

Site Name	Building Name	Year Built	Total Area	Facility Condition Cost	Total Replacement Cost	FCI	10 Year Life Cycle
Office Building - Vacant	Office Building - Vacant	1852	6,600	\$ 779,354	\$ 2,102,760	37.1%	\$ 303,417
Parks & Recreation - Administration	Parks & Recreation - Administration	1750	3,264	\$ 160,875	\$ 1,039,910	15.5%	\$ 167,005
Patterson Mill Middle High School	Patterson Mill Middle High School	2007	253,328	\$ 375,810	\$ 84,791,416	0.4%	\$ 1,820,890
Prospect Mill Elementary School	Main Building	1973	75,538	\$ 2,566,880	\$ 25,283,324	10.2%	\$ 2,434,435
Prospect Mill Elementary School	Portable Building	1995	770	\$ -	\$ 83,699	0.0%	\$ 53,537
Prospect Mill Elementary School	Portable Building	1995	770	\$ -	\$ 83,699	0.0%	\$ 49,161
Red Pump Elementary School	Red Pump Elementary School	2011	100,573	\$ 90,652	\$ 33,662,788	0.3%	\$ 712,333
Ring Factory Elementary School	Ring Factory Elementary School	1990	59,132	\$ 2,312,225	\$ 19,792,072	11.7%	\$ 2,868,565
Riverside Building Complex - Public Library	Riverside Building Complex - Public Library	1985	45,000	\$ 201,634	\$ 18,560,700	1.1%	\$ 1,706,959
Riverside Elementary School	Riverside Elementary School	1968	55,711	\$ 5,680,399	\$ 18,647,028	30.5%	\$ 2,260,762
Roni Chenowith Activity Center	Roni Chenowith Activity Center	2010	29,706	\$ -	\$ 12,252,537	0.0%	\$ 151,427
Roye-Williams Elementary School	Pre-K Building	1953	3,600	\$ 401,584	\$ 1,204,956	33.3%	\$ 162,453
Roye-Williams Elementary School	Main Building	1953	78,126	\$ 2,413,785	\$ 26,149,552	9.2%	\$ 2,590,615
Sheriff's Headquarters	Sheriff's Headquarters	1963	32,964	\$ 4,568,389	\$ 18,479,948	24.7%	\$ 532,520
Southampton Middle School	Southampton Middle School	1970	188,134	\$ 8,847,691	\$ 62,970,328	14.1%	\$ 9,886,226
Southern Precinct	Southern Precinct	2012	42,144	\$ -	\$ 23,626,348	0.0%	\$ 152,793
Susquehanna Volunteer Fire Company 1	Susquehanna Volunteer Fire Company 1	1984	6,000	\$ 43,306	\$ 2,003,520	2.2%	\$ 424,969
Susquehanna Volunteer Fire Company 2	Susquehanna Volunteer Fire Company 2	1904	2,910	\$ 1,943	\$ 938,009	0.2%	\$ 63,138
Susquehanna Volunteer Fire Company 3	Susquehanna Volunteer Fire Company 3	1989	7,646	\$ 8,397	\$ 2,553,153	0.3%	\$ 213,580
Susquehanna Volunteer Fire Company 4	Susquehanna Volunteer Fire Company 4	1994	9,759	\$ 95,057	\$ 3,258,726	2.9%	\$ 557,596
Susquehanna Volunteer Fire Company 5	Susquehanna Volunteer Fire Company 5	2001	7,865	\$ 7,589	\$ 2,626,281	0.3%	\$ 195,631
Swan Harbor Farm	Red Barn at Entrance	1960	750	\$ 43,332	\$ 89,153	48.6%	\$ 22,972
Swan Harbor Farm	Potting Shed	1960	390	\$ 11,406	\$ 28,618	39.9%	\$ 34,194
Swan Harbor Farm	Open Shed - Storage	1960	1,600	\$ 18,806	\$ 190,192	9.9%	\$ 47,442
Swan Harbor Farm	Pole Barn	2000	1,690	\$ 17,031	\$ 200,890	8.5%	\$ 118,944
Swan Harbor Farm	Carriage Barn	1960	672	\$ 6,337	\$ 79,881	7.9%	\$ 13,883
Swan Harbor Farm	Big Red Barn #2 & Silo	1960	1,950	\$ 13,738	\$ 231,797	5.9%	\$ 33,982
Swan Harbor Farm	Caretaker Garage	2000	450	\$ 1,870	\$ 33,021	5.7%	\$ 11,216
Swan Harbor Farm	Mansion House	1740	6,154	\$ 59,165	\$ 1,960,665	3.0%	\$ 502,798
Swan Harbor Farm	Smoke House	1920	200	\$ 340	\$ 14,676	2.3%	\$ 5,023
Swan Harbor Farm	Office	1995	600	\$ 4,141	\$ 240,966	1.7%	\$ 63,663
Swan Harbor Farm	Caretaker Residence	1950	2,309	\$ 6,273	\$ 735,647	0.9%	\$ 237,667
Swan Harbor Farm	Big Red Barn #1	1960	1,950	\$ 1,893	\$ 231,797	0.8%	\$ 52,145
Swan Harbor Farm	Bear Shed	2004	312	\$ -	\$ 22,895	0.0%	\$ 23,591
Swan Harbor Farm	Chicken Coop	1960	1,100	\$ -	\$ 80,718	0.0%	\$ 34,136
Swan Harbor Farm	Old Greenhouse	1980	315	\$ -	\$ 23,115	0.0%	\$ 19,396
Swan Harbor Farm	New Greenhouse	2011	500	\$ -	\$ 36,690	0.0%	\$ 11,060
Whiteford Public Library	Whiteford Public Library	1992	20,000	\$ 75,791	\$ 6,754,000	1.1%	\$ 299,229
Whiteford Volunteer Fire Company	Whiteford Volunteer Fire Company	1985	13,700	\$ 102,700	\$ 4,574,704	2.2%	\$ 340,614
Wm Paca/Old Post Rd Elementary School	Old Post Rd ES	1956	57,965	\$ 4,566,715	\$ 19,401,464	23.5%	\$ 1,621,762
Wm Paca/Old Post Rd Elementary School	Portable Building 2	1985	864	\$ 13,452	\$ 93,917	14.3%	\$ 81,361
Wm Paca/Old Post Rd Elementary School	Main Building (Wm Paca)	1964	54,452	\$ 2,317,991	\$ 18,225,628	12.7%	\$ 1,776,929
Wm Paca/Old Post Rd Elementary School	Portable Building 1	2005	748	\$ 9,411	\$ 81,308	11.6%	\$ 37,323
Wm Paca/Old Post Rd Elementary School	Portable Building 3	1995	768	\$ 9,411	\$ 83,482	11.3%	\$ 75,251
Wm Paca/Old Post Rd Elementary School	Portable Building 4	2004	748	\$ 1,331	\$ 81,308	1.6%	\$ 47,754
Wm S. James Elementary School	Wm S. James Elementary School	1976	58,500	\$ 4,049,472	\$ 19,580,534	20.7%	\$ 3,030,159
Youth's Benefit Elementary School	Intermediate Building	1973	52,775	\$ 5,242,779	\$ 17,664,320	29.7%	\$ 2,968,936
Youth's Benefit Elementary School	Primary Building	1953	43,841	\$ 554,127	\$ 14,674,021	3.8%	\$ 2,599,945
Youth's Benefit Elementary School	Portable Building 1	2006	792	\$ -	\$ 86,090	0.0%	\$ 103,038
Youth's Benefit Elementary School	Portable Building 2	2006	864	\$ -	\$ 93,917	0.0%	\$ 110,457
Youth's Benefit Elementary School	Portable Building 3	2006	864	\$ -	\$ 93,917	0.0%	\$ 110,457
Youth's Benefit Elementary School	Portable Building 4	2006	864	\$ -	\$ 93,917	0.0%	\$ 110,457
Youth's Benefit Elementary School	Portable Building 5	2006	864	\$ -	\$ 93,917	0.0%	\$ 120,228
Youth's Benefit Elementary School	Portable Building 6	2006	864	\$ -	\$ 93,917	0.0%	\$ 100,905
Youth's Benefit Elementary School	Portable Building 7	2006	792	\$ -	\$ 86,090	0.0%	\$ 93,137
Totals:			8,420,906	251,590,314	2,902,582,025	8.7%	293,629,146

Note: Total square footage differs from Appendix A due to not assessing 9,042 square feet at Harford Community College

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