

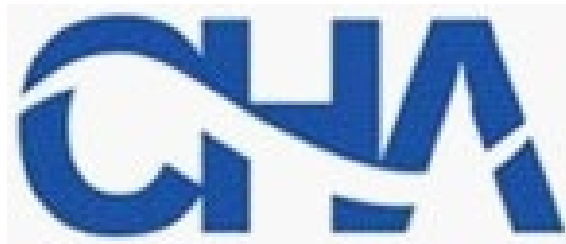
BETHLEHEM AREA SCHOOL DISTRICT
CAPITAL IMPROVEMENTS PLAN



**Updated Report on Findings and
Recommendations**

**Updated:
November 3, 2025**

**Prepared by:
CHA**



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2025

BETHLEHEM AREA SCHOOL DISTRICT

BOARD OF SCHOOL DIRECTORS

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TAB 1
EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

Presented herein is the November 3, 2025, update of the Bethlehem Area School District Capital Improvements Plan originally presented on August 21, 1991.

For this update, a limited condition survey was performed of isolated areas. Also, the capital improvement items were reviewed by the maintenance staff and Administration.

Tab 3 Recommendations Itemized by School or Facility.

Tab 4 Recommendations Itemized by Priorities for the Selected Categories of Concrete Work, Floor Covering Work, Paving Work, and Athletic Facilities.

Tab 5 Recommendations Itemized by Priority for All Work Other Than the Selected Categories of Concrete Work, Floor Covering Work, Paving Work, Athletic Facilities, Elevators.

Tab 6 Summary of the Recommended Budget for Each School or Facility.

A table is presented which summarizes the costs for each school and establishes a total estimated budget.

In order to compare the recommended costs with the costs of totally renovating each of the facilities, the cost of total renovations is calculated at a rate of \$300 per square foot for each school or facility and is listed in Column 3. The costs of the recommended improvements are listed in Column 4 (taken from Tab 3). The ratio of cost for recommended work to cost for total renovation is calculated and listed as a percentage in Column 5. Where this percentage exceeds 60%, the District should consider total renovation or replacement as a viable approach since State reimbursement may be available for total renovation or replacement and there will be savings and efficiencies gained by combining the project scope. Although asbestos identification and recommendations involving asbestos were not a part of this study, the asbestos abatement updated report provided by the District was referred to and the estimated costs for asbestos abatement are included in the tabulation under Column 6. The cost of total renovation plus asbestos abatement is listed in Column 7, and the cost of the recommended items of work plus asbestos abatement is listed in Column 8. The total estimated budget with fees, contingency, etc. is listed in Column 9. This budget is determined by using either the value of Column 7 or Column 8. If the percent is equal to or less than 60%, the improvements cost from Column 8 is used; if the percentage is greater than 60%, the total renovation cost from Column 7 is used.

Tab 7 Capital Improvement Projects Completed in 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025.

- Tab 8 Summary of Recent Renovation and New Construction Projects. This highlights buildings that have undergone total renovation and also shows the new building area that has been added since 1991.
- Tab 9 Recommendations Itemized By Priority For All Work Other Than the Buildings Slated for Major Construction Projects in the 10-Year Plan.
- Tab 10 Is a Summary of the 10 Year Plan completed through 2024. In this Tab there is also a New Five-Year Plan for upkeep and preservation of the District's facilities assets. This plan identifies some of the larger projects.
- Tab 11 Is a Summary of the June 2024 Asbestos Re-inspection. This report was prepared by Spotts, Stevens and McCoy and is included in this report for information purposes only.

It is the intent of CHA that this update serves as a working document for the District. The priorities have been established using a logic matrix; however, the entries in the matrix are necessarily subjective. It is anticipated that these priorities may change after continued review by the Administration and Board. It is our hope that the District will continue to review and update the plan as funds become available for work to be performed. As work is completed and/or as additional items are identified in the future, the data can be updated to reflect a current situation at any time.

As the District considers long-range planning, it is important to remember that all the items in the Capital Improvements Plan must be addressed in order to maintain and upgrade the District's physical plant. The needs of schools and buildings not used as schools must also be considered in the long-range plan. A few of the facilities require total renovation, and there continues to be emergency needs such as water main breaks, masonry repairs, mechanical equipment failure, etc. Nonetheless, the work completed to date is clearly visible throughout the District.

In anticipation of the District's ongoing Capital Improvement Plan Program, a 10-year plan was developed (Tab 10). The Plan is based on numerous discussions with staff and the School Board at facilities meetings and it addressed the middle school and high school major construction projects in a phased sequence. The most recent 10-year plan is fully executed with the completion of the New Nitschmann Middle School in 2017. The District through the use of ESSER funds, has also completed the HVAC and infrastructure improvements at Miller Heights, Governor Wolf, Buchanan, Calypso, Spring Garden, Asa Packer, Farmersville, Freemansburg, and Hanover Elementary School.

In Tab 10 there is also the start of a New 5-Year Plan for upkeep and preservation of the School District's facilities. This initial plan identifies some of the larger projects and will require review and discussions at the staff and Board level to further refine and update it. Last year, the District authorized the reconstruction of Fountain Hill Elementary School and construction is underway. The District also began initial planning of Thomas Jefferson and William Penn Elementary School but the future of these buildings is still pending. The infrastructure needs of East Hills and Freedom High School are also on the plan and should become a priority. All these projects were previously submitted and approved for RACP funding itemization on the State Capital Budget. All of the projects listed, and funds assigned, are subject to change based on the annual capital improvement update and the School Board's approval of funds.

TAB 2

**LOGIC MATRIX,
PRIORITY INDEX, AND LIST OF
CATEGORIES OF WORK**

BASD MASTER PLAN
LOGIC MATRIX FOR ASSIGNING PRIORITIES

RATING	PARAMETERS						
	SAFETY	EDUCATIONAL IMPACT	PHYSICAL CONDITIONS	DOMINO EFFECT	ECONOMIC IMPACT	AGE	ORIG. LIFE EXPECTANCY
5	UNSAFE NEEDS IMMEDIATE ATTENTION	CRITICAL WILL CAUSE SCHOOL TO BE CLOSED	CRITICAL NEEDS IMMEDIATE ATTENTION	GREATLY IMPACTS OTHER ELEMENTS	IMMEDIATE ACTION SAVES MUCH LATER	OVER 20 YEARS	LESS THAN 5 YEARS
4	NOT UNSAFE BUT NEEDS IMMEDIATE ATTENTION	SERIOUS DISRUPTION	VERY POOR ADDRESS PROMPTLY	MODERATE IMPACT TO OTHER ELEMENTS	PROMPT ACTION SAVES MUCH LATER	10 - 20 YEARS	5 - 10 YEARS
3	NEEDS PROMPT ATTENTION	MODERATE DISRUPTION	POOR SHOULD BE BUDGETED	TANGIBLE IMPACT TO OTHER ELEMENTS	PROMPT ACTION SAVES MODERATELY	5 - 10 YEARS	10 - 15 YEARS
2	SAFE BUT SHOULD BE BUDGETED	SLIGHT DISRUPTION	ACCEPTABLE COULD BE IMPROVED	SLIGHT IMPACT TO OTHER ELEMENTS	ACTION IN 3 YEARS SAVES MUCH	3 - 5 YEARS	15 - 20 YEARS
1	SAFE BUT WILL NEED WORK IN FUTURE	MINOR DISRUPTION TO SMALL GROUP	GOOD - WILL NEED WORK IN FUTURE	MINIMAL IMPACT TO OTHER ELEMENTS	LITTLE SAVINGS	1 - 3 YEARS	20 - 30 YEARS
0	NO SAFETY HAZARD	NO DISRUPTION	EXCELLENT	NO IMPACT ON OTHER ELEMENTS	NO SIGNIFICANT IMPACT	LESS THAN 1 YEAR	OVER 30 YEARS
IMPORTANCE FACTORS	5	5	3	3	2	2	

PRIORITY = ((Sx5) + (Eix5) + (PCx3) + (ECx2) + (DEx3) + AG + LE)/10

MODIFIED DIVISOR IS 8
(FOR PRIORITY ADJUSTMENT)

TAB 3

**RECOMMENDATIONS ITEMIZED
BY SCHOOL OR FACILITY**

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
	Asa Packer			
Asa Packer	Interior and exterior security camera upgrades	8	\$ 95,504	FA
Asa Packer	Provide additional outlets in M.P. Room	6	\$ 41,659	ES
Asa Packer	Install secure entrance vestibule at main building entrance	6	\$ 180,879	ID
Asa Packer	Regrade play area at east end for drainage	6	\$ 68,300	L
Asa Packer	Clock and Intercom Replacement	6	\$ 48,000	UN
Asa Packer	Provide additional outlets in classrooms & upgrade electrical service	6	\$ 275,768	ES
Asa Packer	Repair cracks & paint Multi-Purpose Room walls	5	\$ 37,153	IP
Asa Packer	Improve exterior lighting	5	\$ 163,885	EL
Asa Packer	Replace folding partition in Multi-Purpose Room	4	\$ 204,901	UN
Asa Packer	Renovate stage area: curtains & lighting	3	\$ 253,230	SC
Asa Packer	Contingency, miscellaneous & unidentified items	0	\$ 211,924	CN
Asa Packer	Improve handicapped accessibility	0	\$ 264,457	HA
		TOTAL	\$ 1,845,659	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
	Broughal			
Broughal	Renovate the grass athletic field	6	\$ 296,063	AF
Broughal	Paint interior of the building	5	\$ 732,198	IP
Broughal	NEW BUILDING Completed in 2009	0	\$ -	
		TOTAL	\$ 1,028,260	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
 RECOMMENDATIONS
 LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
	Buchanan			
Buchanan	Interior and exterior security camera upgrades	8	\$ 143,256	FA
Buchanan	Replace sidewalk and curbs along Catasauqua Road	7	\$ 37,493	CO
Buchanan	Repair and recoat roof for extended warranty (2018)	7	\$ 287,975	R
Buchanan	Patch and seal bituminous paving	6	\$ 73,538	PA
		TOTAL	\$ 542,263	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
	Calypso			
Calypso	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Calypso	Replace sidewalk and curbs	7	\$ 81,960	CO
Calypso	Regrade and provide storm water catch basin at playground southwest corner	7	\$ 52,074	SS
Calypso	Install secure entrance vestibule at main building entrance	6	\$ 275,768	ID
Calypso	Seal all masonry walls and caulking	6	\$ 49,175	M
Calypso	Seal bituminous paving	6	\$ 64,346	PA
		TOTAL	\$ 642,703	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
	Clearview			
Clearview	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Clearview	Repair and recoat roof for extended warranty (2020)	7	\$ 476,454	R
Clearview	Seal bituminous paving	6	\$ 101,115	PA
Clearview	Replace interior lighting (improve energy savings)	5	\$ 400,972	IL
Clearview	Paint interior of building	5	\$ 175,091	IP
Clearview	RENOVATION Completed in 2000	0	\$ -	
		TOTAL	\$ 1,273,012	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
	Donegan			
Donegan	Interior and exterior security camera upgrades	8	\$ 191,008	FA
Donegan	Replace Domestic Hot Water Heaters	8	\$ 156,000	P
Donegan	Seal bituminous paving	6	\$ 101,115	PA
Donegan	Repair and re-coat roof for extended warranty (2021)	6	\$ 360,337	R
Donegan	Replace interior lighting (improve energy savings)	5	\$ 517,619	IL
Donegan	Paint interior of building	5	\$ 226,026	IP
Donegan	Replace classroom signage	5	\$ 29,845	UN
Donegan	NEW BUILDING Completed in 2001	0	\$ -	
		TOTAL	\$ 1,581,950	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
	East Hills			
East Hills	Install digital control system for HVAC (partially completed in 2017)	7	\$ 1,516,724	HV
East Hills	Replace emergency generator and transfer switch	7	\$ 588,305	ES
East Hills	Replace HVAC unit in Faculty Planning and Waiting Rooms	7	\$ 257,383	HV
East Hills	Install air handler for room 110 Special Ed./Reading	7	\$ 275,768	HV
East Hills	Replace air handlers in original building (partially completed in 2017)	7	\$ 6,434,586	HV
East Hills	Miscellaneous Renovations associated with HVAC Upgrades	7	\$ 2,250,000	UN
East Hills	Replace grease traps and sanitary pump	7	\$ 161,071	P
East Hills	Replace exterior lighting	7	\$ 137,884	EL
East Hills	Replace cafeteria make-up air unit	7	\$ 303,345	HV
East Hills	Repair corridor quarry tile in isolated areas	6	\$ 44,260	FT
East Hills	Install secure entrance vestibule at main building entrance	6	\$ 367,691	ID
East Hills	Provide hot water in Home Economics area	6	\$ 82,730	P
East Hills	Upgrade athletic fields including track repairs	6	\$ 1,194,995	AF
East Hills	Renovations to 6th & 7th grade restrooms	6	\$ 588,305	TR
East Hills	Seal paved areas gymnasium lot and rear drive	6	\$ 110,307	PA
East Hills	Provide additional outlets in classrooms & upgrade electrical service	6	\$ 1,065,482	ES
East Hills	Replace Gang Bathroom Sinks (Seven Remaining)	6	75000	P
East Hills	Remove & replace concrete sidewalk	6	\$ 133,868	CO
East Hills	Remove & replace concrete curb (linear & radius)	6	\$ 81,960	CO
East Hills	Replace wall covering in Auditorium	5	\$ 76,499	IP
East Hills	Replace casework	5	\$ 1,314,494	UN
East Hills	Remove lockers and install benches in Boys and Girls Gymnasium Locker Rooms	5	\$ 60,000	SL
East Hills	Repoint stone walls at main entry	5	\$ 103,815	M
East Hills	Repair auditorium entry limestone columns	5	\$ 79,587	M
East Hills	Replace interior lighting (improve energy savings, partially completed in 2017)	5	\$ 1,059,299	IL
East Hills	Renovate stage area, curtains, lighting and replace auditorium seats	5	\$ 1,194,995	SC
East Hills	Interior Painting (Café, gym, hallways & lavs)	5	\$ 206,925	IP
East Hills	Replace student lockers	4	\$ 485,352	SL
East Hills	Repair floor cracks in Room 204	4	\$ 12,841	UN
East Hills	Replace or repair ceiling tiles (partially completed in 2017)	4	\$ 606,690	CT
East Hills	Provide additional sound baffles in Cafeteria	3	\$ 54,641	UN
East Hills	Replace metal fascia panels at kitchen loading area	2	\$ 78,059	R
East Hills	Perform property survey & set corner pins	2	\$ 19,123	PS
East Hills	Repair masonry	2	\$ 65,048	M
East Hills	Upgrade handicapped accessibility	0	\$ 136,601	HA
East Hills	Contingency, miscellaneous & unidentified items	0	\$ 343,165	CN
		TOTAL	\$ 21,566,795	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
	Education Ctr.			
Education Ctr	Replace slate roof portion	8	\$ 151,938	R
Education Ctr	Replace windows in 1971 addition	7	\$ 165,375	WR
Education Ctr	Point exterior masonry and repairs	7	\$ 478,880	M
Education Ctr	Lobby modifications & elevator	7	\$ 1,516,724	HA
Education Ctr	Upgrade ATC controls to Metasys and replace HVAC	6	\$ 3,676,906	HV
Education Ctr	Replace windows in original building	6	\$ 585,703	WR
Education Ctr	Replace carpet	6	\$ 104,076	FC
Education Ctr	Remove & replace concrete sidewalk & flatwork	6	\$ 127,493	CO
Education Ctr	Regrade and replace sidewalk at N.E. side of building	6	\$ 72,854	CO
Education Ctr	Replace interior doors	5	\$ 177,582	ID
Education Ctr	Replace interior lighting and ceilings (improve energy savings)	5	\$ 496,125	IL
Education Ctr	Improve exterior lighting	5	\$ 68,300	EL
Education Ctr	Provide new window shades, blinds, etc.	4	\$ 54,641	WS
Education Ctr	Caulk all masonry joints	4	\$ 72,126	M
Education Ctr	Contingency, miscellaneous & unidentified items	0	\$ 340,873	CN
		TOTAL	\$ 8,089,596	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
	Farmersville			
Farmersville	Clean and Seal Exterior Split Face CMU	8	\$ 70,000	M
Farmersville	Interior and exterior security camera upgrades	8	\$ 143,256	FA
Farmersville	Paving repairs and seal coating	6	\$ 413,652	PA
		TOTAL	\$ 626,908	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
 RECOMMENDATIONS
 LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025 COST	CATEGORY
	Fountain Hill			
Fountain Hill	New building under construction			
		TOTAL	\$ -	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
	Freedom			
Freedom	Upgrade fire alarm system panel	8	\$ 176,492	FA
Freedom	Replace interior doors in central lobby (8 locations)	7	\$ 291,615	D
Freedom	Repair/replace student lockers	7	\$ 520,383	SL
Freedom	Provide redundant UPS system for Network Center	7	\$ 547,705	ES
Freedom	Renovate toilet rooms in original building	6	\$ 344,531	HV
Freedom	Install roof coating on Siplast roof areas	6	\$ 1,041,485	R
Freedom	Replace all HVAC equipment and controls in original building	6	\$ 7,353,813	HV
Freedom	Replace chillers, pumps and piping in original building mechanical room	6	\$ 3,186,652	HV
Freedom	Convert Original Building to Four Pipe System	7	\$ 11,000,000	HV
Freedom	Miscellaneous Renovations associated with HVAC Upgrades	7	\$ 5,500,000	HV
Freedom	Renovate pool locker rooms	6	\$ 702,514	AF
Freedom	Replace air handlers/U.V.'s in original building	7	\$ 28,000,000	UN
Freedom	Replace Natatorium Dehumidification System	6	\$ 200,000	HV
Freedom	Overlay bituminous paved areas at east and west lot	6	\$ 661,843	PA
Freedom	Remove & replace concrete sidewalk	6	\$ 54,641	CO
Freedom	Remove & replace concrete flatwork	6	\$ 122,942	CO
Freedom	Replace ceiling tiles	6	\$ 990,926	CT
Freedom	Repair and repoint masonry (15%) (exterior brick walls)	6	\$ 159,275	M
Freedom	Storm drainage system upgrades in field areas	6	\$ 437,425	SS
Freedom	Repair or replace water coolers	6	\$ 68,300	P
Freedom	Repoint stone wall	5	\$ 54,641	M
Freedom	Upgrade building exhaust (allowance)	5	\$ 183,845	HV
Freedom	Provide new window shades, blinds, etc.	5	\$ 100,536	WS
Freedom	Replace interior lighting (improve energy savings)	5	\$ 2,076,718	IL
Freedom	Install restrooms at synthetic turf field	4	\$ 459,613	TR
Freedom	Install restrooms at field house	4	\$ 551,536	TR
Freedom	Add classroom electrical outlets	4	\$ 220,614	ES
Freedom	Add field house building at turf field	4	\$ 525,000	AF
Freedom	Add additional bleachers at turf field	4	\$ 95,504	AF
Freedom	Repair cracks in wall adj to Rooms 116, 115, 212, & 213	4	\$ 44,260	M
Freedom	Perform property survey & set corner pins	2	\$ 19,123	PS
Freedom	Improve handicapped accessibility	0	\$ 204,901	HA
Freedom	Contingency, miscellaneous & unidentified items	0	\$ 449,845	CN
		TOTAL	\$ 66,346,677	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
	Freemansburg			
Freemansburg	Interior and exterior security camera upgrades	8	\$ 143,256	FA
Freemansburg	Install underdrain in parking area	7	\$ 122,942	SS
Freemansburg	Repair and recoat roof (Area A) for extended warranty (2020)	7	\$ 145,605	R
Freemansburg	Install secure entrance vestibule at main building entrance	6	\$ 202,230	ID
Freemansburg	Expand front parking area	6	\$ 49,992	PA
Freemansburg	Seal bituminous paving	6	\$ 171,896	PA
		TOTAL	\$ 835,922	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
	Governor Wolf			
Governor Wolf	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Governor Wolf	Miscellaneous masonry repairs, caulking and water proofing	7	\$ 52,074	M
Governor Wolf	Seal bituminous paving	6	\$ 111,227	PA
		TOTAL	\$ 282,681	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
	Hanover			
Hanover	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Hanover	Seal bituminous paving	6	\$ 91,689	PA
Hanover	Interior painting	5	\$ 97,096	IP
		TOTAL	\$ 308,165	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
	Lafayette			
Lafayette	Seal bituminous paving	6	\$ 46,837	PA
Lafayette	Install outfield fence	4	\$ 61,282	L
Lafayette	Demolition & site work completed in 2002	0	\$ -	
		TOTAL	\$ 108,119	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
	Liberty Class			
Liberty Class	Repair and recoat roof for extended warranty (2020)	7	\$ 192,119	R
Liberty Class	Recaulk all exterior masonry joints & windows and seal masonry	6	\$ 180,879	M
Liberty Class	Capital Improvements completed in 2008	0	\$ -	
		TOTAL	\$ 372,998	
	Liberty Com			
Liberty Com	Replace two small roof areas at front of building and flat bridge roof to Classroom Center	8	\$ 100,000	R
Liberty Com	Crowd control doors for separation of Student Activity area	7	\$ 165,461	D
Liberty Com	Repair / replace concrete sidewalks	7	\$ 145,809	CO
Liberty Com	Install secure entrance vestibule at main building entrance	6	\$ 557,107	ID
Liberty Com	Resurface bus loop, teacher's lot and miscellaneous paving	6	\$ 367,691	PA
Liberty Com	repoint and Recaulk all exterior masonry	6	\$ 450,000	M
Liberty Com	Repairs to walkway bridge at Classroom Ctr.	6	\$ 238,999	M
Liberty Com	Renovated in 2008	0	\$ -	
		TOTAL	\$ 2,025,067	
	Liberty Lab			
Liberty Lab	Replace all HVAC equipment	7	\$ 8,436,192	HV
Liberty Lab	Replace all HVAC controls	6	\$ 1,591,734	HV
Liberty Lab	Recaulk all exterior masonry joints	6	\$ 52,074	M
Liberty Lab	Replace interior lighting (improve energy savings)	5	\$ 554,123	IL
Liberty Lab	RENOVATION Completed in 1998	0	\$ -	
		TOTAL	\$ 10,634,123	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
	Lincoln			
Lincoln	Internal and exterior security camera upgrades	8	\$ 143,256	FA
Lincoln	Repair and recoat roof for extended warranty (2020)	7	\$ 533,231	R
Lincoln	Recaulk all exterior masonry joints	6	\$ 52,074	M
Lincoln	Repair/replace front bus loop sidewalks	6	\$ 119,380	CO
Lincoln	Seal bituminous paving	6	\$ 64,543	PA
Lincoln	Seal masonry and replace select glazed block	5	\$ 83,319	M
Lincoln	Remove oil tank	5	\$ 63,669	FTK
Lincoln	Replace interior lighting (improve energy savings)	5	\$ 454,781	IL
Lincoln	Interior painting	5	\$ 172,544	IP
Lincoln	NEW BUILDING Completed in 2000	0	\$ -	
		TOTAL	\$ 1,686,798	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
	Maintenance			
Maintenance	Interior and exterior camera upgrades	8	\$ 47,752	FA
Maintenance	Add access control	8	\$ 23,876	FA
Maintenance	Repair and recoat roof for extended warranty (2020)	7	\$ 141,561	R
Maintenance	Install fire alarm system/smoke detectors	6	\$ 72,905	FA
Maintenance	Remove & replace concrete curb & sidewalk	6	\$ 68,300	CO
Maintenance	Reconstruct bituminous paving at rear	5	\$ 100,000	PA
Maintenance	Replace lighting (energy)	5	\$ 152,807	IL
Maintenance	Install emergency generator, lighting and exit signs	4	\$ 367,691	ES
Maintenance	Perform property survey & set corner pins	3	\$ 9,563	PS
Maintenance	Contingency, miscellaneous & unidentified items	0	\$ 54,641	CN
		TOTAL	\$ 1,039,095	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
 RECOMMENDATIONS
 LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
	Marvine			
Marvine	Interior and exterior security camera upgrades	8	\$ 176,364	FA
Marvine	Recaulk all exterior masonry joints	6	\$ 52,074	M
Marvine	Seal bituminous paving	6	\$ 105,160	PA
Marvine	Replace interior lighting (improve energy savings)	5	\$ 403,887	IL
Marvine	Interior painting	5	\$ 152,807	IP
Marvine	NEW BUILDING Completed in 2001	0	\$ -	
		TOTAL	\$ 890,290	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
	Miller Heights			
Miller Heights	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Miller Heights	Repair chimney and miscellaneous masonry repairs and caulking classroom	7	\$ 72,905	M
Miller Heights	Repair and recoat roof for extended warranty (2019) at addition	7	\$ 78,465	R
Miller Heights	Seal bituminous paving	6	\$ 131,450	PA
Miller Heights	Interior painting	5	\$ 162,357	IP
		TOTAL	\$ 564,556	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
 RECOMMENDATIONS
 LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025 COST	CATEGORY
	Nitschmann			
Nitschmann	NEW BUILDING Completed in 2017	0	\$ -	
		TOTAL	\$ -	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
	Northeast			
Northeast	Replace (1) HRU at Gym locker rooms	8	\$ 179,156	HV
Northeast	Chiller replacement (future)	6	\$ 1,447,031	HV
Northeast	Seal bituminous paving	6	\$ 131,450	PA
Northeast	Caulk and seal all exterior masonry	6	\$ 275,768	M
Northeast	Interior painting	6	\$ 595,309	IP
Northeast	Chiller wall ventilation/repairs	6	\$ 86,822	M
Northeast	Install Two Surface Mounted Dock Levelers at Loading Dock	4	\$ 40,000	
Northeast	New Building complete 2005	0	\$ -	
		TOTAL	\$ 2,755,536	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
	SPARK (Pre-K)			
SPARK (Pre-K)	Replace lighting with electronic ballast lights	6	\$ 241,172	IL
SPARK (Pre-K)	Plumbing isolation valve & wall hydrant replacement including back flow preventer	5	\$ 78,847	P
SPARK (Pre-K)	Replace boiler, air handler and install ATC controls	5	\$ 1,317,488	HV
SPARK (Pre-K)	Replace panelboard for HVAC equipment	5	\$ 90,111	ES
SPARK (Pre-K)	Replace fire alarm system	5	\$ 101,374	UN
SPARK (Pre-K)	Replace parking lot lights	4	\$ 63,074	EL
		TOTAL	\$ 1,892,066	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
	Spring Garden			
Spring Garden	Install ADA compliant stage lift	8	\$ 110,250	HA
Spring Garden	Interior and exterior security camera upgrades	8	\$ 176,683	FA
Spring Garden	Replace Domestic Hot Water Heaters	8	\$ 156,000	P
Spring Garden	Remove and replace VCT in corridor	7	\$ 208,298	FT
Spring Garden	Reconstruct miscellaneous concrete work at entrances	7	\$ 62,490	CO
Spring Garden	Repair and recoat roof for extended warranty (2020)	7	\$ 118,911	R
Spring Garden	Install secure entrance vestibule at main building entrance	6	\$ 128,692	ID
Spring Garden	Seal bituminous paving	6	\$ 163,920	PA
Spring Garden	Install stage light dimming system	3	\$ 163,920	SC
		TOTAL	\$ 1,289,162	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
	Stad-Mem Gym			
Stad-Mem Gym	Grandstand concrete stair replacement	9	\$ 1,620,675	CO
Stad-Mem Gym	STADIUM-Repair concrete walls around stadium	6	\$ 833,187	AF
Stad-Mem Gym	Replace stadium ADA lift	6	\$ 87,545	UN
Stad-Mem Gym	Replace turf	6	\$ 650,000	AF
Stad-Mem Gym	Replace track	6	\$ 288,750	AF
Stad-Mem Gym	MEM GYM-Repoint exterior masonry	5	\$ 111,511	M
Stad-Mem Gym	Improve handicapped accessibility at Stadium (additional - phase 2)	0	\$ 682,997	HA
Stad-Mem Gym	Contingency, miscellaneous & unidentified items	0	\$ 467,066	CN
		TOTAL	\$ 4,741,731	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
	T. Jefferson			
T. Jefferson	Repair mechanical equipment	9	\$ 2,115,750	HV
T. Jefferson	Interior and exterior security camera upgrades	8	\$ 119,380	FA
T. Jefferson	Replace windows	7	\$ 258,171	WR
T. Jefferson	Repair/replace exterior masonry wall panels	7	\$ 481,352	M
T. Jefferson	Replace multi-zone HVAC units with ducted VAV system	7	\$ 5,883,050	HV
T. Jefferson	Install additional exterior hand rails	7	\$ 52,037	UN
T. Jefferson	Repair asphalt edging at playground embankment	7	\$ 73,538	PA
T. Jefferson	Install secure entrance vestibule at main building entrance	6	\$ 91,923	ID
T. Jefferson	Replace spalled brick	6	\$ 68,300	M
T. Jefferson	Provide additional outlets in classrooms & upgrade electrical service	6	\$ 86,056	ES
T. Jefferson	Re-seed lawn areas and landscape	6	\$ 54,641	L
T. Jefferson	Repair cracks in exterior brick masonry	6	\$ 40,159	M
T. Jefferson	Improve exterior lighting	6	\$ 55,154	EL
T. Jefferson	Replace plumbing fixtures and renovate toilets	6	\$ 367,691	P
T. Jefferson	Renovate Kitchen	6	\$ 367,691	UN
T. Jefferson	Renovate multi-purpose room	6	\$ 459,613	UN
T. Jefferson	Replace exterior caulking	6	\$ 43,166	CA
T. Jefferson	Replace exterior doors	5	\$ 157,910	ED
T. Jefferson	Replace chalk & tack boards	5	\$ 71,852	UN
T. Jefferson	Resurface bituminous paving	5	\$ 82,730	PA
T. Jefferson	Provide new window shades, blinds, etc.	4	\$ 43,714	WS
T. Jefferson	Provide stage dimming system	4	\$ 95,600	IL
T. Jefferson	Perform property survey & set corner pins	2	\$ 20,218	PS
T. Jefferson	Improve handicapped accessibility, including elevator	0	\$ 826,875	HA
T. Jefferson	Contingency, miscellaneous & unidentified items	0	\$ 137,965	CN
		TOTAL	\$ 12,054,535	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
	Transportation Fac.			
Transportation Fac.	Replace fencing around entire area	7	\$ 281,201	UN
Transportation Fac.	Provide additional parking and sidewalks for staff	6	\$ 200,000	PA
Transportation Fac.	Install Emergency Generaotr and Transfer Switch from Fountain Hill ES	6	\$ 70,000	EP
Transportation Fac.	Install fire alarm system	6	\$ 82,688	FA
Transportation Fac.	Resurface parking lots	6	\$ 588,305	PA
Transportation Fac.	Install site drainage southeast corner of bus lot	6	\$ 127,339	SS
Transportation Fac.	Repair asphalt driveway to depot	6	\$ 318,347	PA
Transportation Fac.	Replace roof, out of warranty	5	\$ 508,163	R
Transportation Fac.	Install Metasys Controls on two RTU's	5	\$ 117,085	HV
		TOTAL	\$ 2,293,126	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SCHOOLS

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
	William Penn			
William Penn	Repair mechanical equipment	9	\$ 2,115,750	HV
William Penn	Interior and exterior security camera upgrades	8	\$ 119,380	FA
William Penn	Replace exhaust fan in health suite	7	\$ 52,037	HV
William Penn	Replace playground fence fabric	7	\$ 117,085	UN
William Penn	Improve stage lighting	7	\$ 104,076	IL
William Penn	Repair cracks & install control joints in ext. masonry	7	\$ 109,007	M
William Penn	Repair/replace exterior masonry panels	7	\$ 468,342	M
William Penn	Replace multi-zone HVAC units with ducted VAV system	7	\$ 5,883,050	HV
William Penn	Replace ext. doors	7	\$ 157,910	ED
William Penn	Provide sound attenuation adjacent to cafeteria	6	\$ 31,223	UN
William Penn	Re-coat existing roof	6	\$ 270,787	R
William Penn	Install secure entrance vestibule at main building entrance	6	\$ 91,923	ID
William Penn	Replace window units	6	\$ 258,171	WR
William Penn	Provide additional outlets in classrooms & upgrade electrical service	6	\$ 86,056	ES
William Penn	Replace plumbing and renovate toilets	6	\$ 367,691	P
William Penn	Renovate Kitchen	6	\$ 367,691	UN
William Penn	Renovate multi-purpose room	6	\$ 459,613	UN
William Penn	Resurface paving	6	\$ 330,922	PA
William Penn	Provide shades or blinds at east & west windows	6	\$ 30,050	WS
William Penn	Replace exterior caulking	6	\$ 43,169	CA
William Penn	Replace or repair spalled brick in ext. masonry (15%)	5	\$ 114,747	M
William Penn	Improve exterior lighting	5	\$ 52,037	EL
William Penn	Replace concrete walks	5	\$ 71,852	CO
William Penn	Replace chalk and tack boards with whiteboards	5	\$ 71,852	UN
William Penn	Regrade and landscape areas	5	\$ 28,686	L
William Penn	Replace water coolers	4	\$ 28,686	P
William Penn	Provide new window shades, blinds, etc.	4	\$ 43,986	WS
William Penn	Provide stage dimming system	4	\$ 95,600	IL
William Penn	Replace brown colored chalkboard with whiteboards	3	\$ 43,166	UN
William Penn	Perform property survey & set corner pins	2	\$ 20,218	PS
William Penn	Contingency, miscellaneous & unidentified items	0	\$ 132,229	CN
William Penn	Improve handicapped accessibility, including elevator	0	\$ 826,875	HA
		TOTAL	\$ 12,993,867	
		GRAND TOTAL	\$ 160,311,660	

TAB 4

RECOMMENDATIONS ITEMIZED BY PRIORITIES FOR THE SELECTED CATEGORIES OF CONCRETE WORK, FLOOR COVERING WORK, PAVING WORK, ATHLETIC FACILITIES

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SELECTED CATEGORIES

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
Broughal	Renovate the grass athletic field	6	\$ 296,063	AF
East Hills	Upgrade athletic fields including track repairs	6	\$ 1,194,995	AF
Freedom	Renovate pool locker rooms	6	\$ 702,514	AF
Freedom	Add field house building at turf field	4	\$ 525,000	AF
Freedom	Add additional bleachers at turf field	4	\$ 95,504	AF
Stad-Mem Gym	STADIUM-Repair concrete walls around stadium	6	\$ 833,187	AF
Stad-Mem Gym	Replace turf	6	\$ 650,000	AF
Stad-Mem Gym	Replace track	6	\$ 288,750	AF
		TOTAL	\$ 4,586,012	
Buchanan	Replace sidewalk and curbs along Catasauqua Road	7	\$ 37,493	CO
Calypso	Replace sidewalk and curbs	7	\$ 81,960	CO
East Hills	Remove & replace concrete sidewalk	6	\$ 133,868	CO
East Hills	Remove & replace concrete curb (linear & radius)	6	\$ 81,960	CO
Education Ctr	Remove & replace concrete sidewalk & flatwork	6	\$ 127,493	CO
Education Ctr	Regrade and replace sidewalk at N.E. side of building	6	\$ 72,854	CO
Freedom	Remove & replace concrete sidewalk	6	\$ 54,641	CO
Freedom	Remove & replace concrete flatwork	6	\$ 122,942	CO
Liberty Com	Repair / replace concrete sidewalks	7	\$ 145,809	CO
Lincoln	Repair/replace front bus loop sidewalks	6	\$ 119,380	CO
Maintenance	Remove & replace concrete curb & sidewalk	6	\$ 68,300	CO
Spring Garden	Reconstruct miscellaneous concrete work at entrances	7	\$ 62,490	CO
Stad-Mem Gym	Grandstand concrete stair replacement	9	\$ 1,620,675	CO
William Penn	Replace concrete walks	5	\$ 71,852	CO
		TOTAL	\$ 2,801,718	
Education Ctr	Replace carpet	6	\$ 104,076	FC
		TOTAL	\$ 104,076	
East Hills	Repair corridor quarry tile in isolated areas	6	\$ 44,260	FT
Spring Garden	Remove and replace VCT in corridor	7	\$ 208,298	FT
		TOTAL	\$ 252,557	
Buchanan	Patch and seal bituminous paving	6	\$ 73,538	PA
Calypso	Seal bituminous paving	6	\$ 64,346	PA
Clearview	Seal bituminous paving	6	\$ 101,115	PA
Donegan	Seal bituminous paving	6	\$ 101,115	PA
East Hills	Seal paved areas gymnasium lot and rear drive	6	\$ 110,307	PA
Farmersville	Paving repairs and seal coating	6	\$ 413,652	PA
Freedom	Overlay bituminous paved areas at east and west lot	6	\$ 661,843	PA
Freemansburg	Expand front parking area	6	\$ 49,992	PA
Freemansburg	Seal bituminous paving	6	\$ 171,896	PA

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY SELECTED CATEGORIES

mp2000b

SCHOOL	ITEM	PRIORITY	2025	
			COST	CATEGORY
Governor Wolf	Seal bituminous paving	6	\$ 111,227	PA
Hanover	Seal bituminous paving	6	\$ 91,689	PA
Lafayette	Seal bituminous paving	6	\$ 46,837	PA
Liberty Com	Resurface bus loop, teacher's lot and miscellaneous paving	6	\$ 367,691	PA
Lincoln	Seal bituminous paving	6	\$ 64,543	PA
Maintenance	Reconstruct bituminous paving at rear	5	\$ 100,000	PA
Marvine	Seal bituminous paving	6	\$ 105,160	PA
Miller Heights	Seal bituminous paving	6	\$ 131,450	PA
Northeast	Seal bituminous paving	6	\$ 131,450	PA
Spring Garden	Seal bituminous paving	6	\$ 163,920	PA
T. Jefferson	Repair asphalt edging at playground embankment	7	\$ 73,538	PA
T. Jefferson	Resurface bituminous paving	5	\$ 82,730	PA
Transportation Fac.	Resurface parking lots	6	\$ 588,305	PA
Transportation Fac.	Repair asphalt driveway to depot	6	\$ 318,347	PA
Transportation Fac.	Provide additional parking and sidewalks for staff	6	\$ 200,000	PA
William Penn	Resurface paving	6	\$ 330,922	PA
		TOTAL	\$ 4,655,612	
		GRAND TOTAL	\$ 12,399,975	

TAB 5

**RECOMMENDATIONS ITEMIZED
BY PRIORITY FOR ALL WORK
OTHER THAN THE SELECTED
CATEGORIES OF CONCRETE
WORK FLOOR COVERING WORK,
PAVING WORK, ATHLETIC
FACILITIES**

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS

mp2000b

LISTING BY PRIORITY WITHOUT SELECTED CATEGORIES (CO, FT, FC, PA, AF)

2025

SCHOOL	ITEM	PRIORITY	COST	CATEGORY
T. Jefferson	Repair mechanical equipment	9	\$ 2,115,750	HV
William Penn	Repair mechanical equipment	9	\$ 2,115,750	HV
		TOTAL	\$ 4,231,500	
Asa Packer	Interior and exterior security camera upgrades	8	\$ 95,504	FA
Buchanan	Interior and exterior security camera upgrades	8	\$ 143,256	FA
Calypso	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Clearview	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Donegan	Interior and exterior security camera upgrades	8	\$ 191,008	FA
Donegan	Replace Domestic Hot Water Heaters	8	\$ 156,000	P
Education Ctr	Replace slate roof portion	8	\$ 151,938	R
Farmersville	Clean and Seal Exterior Split Face CMU	8	\$ 70,000	M
Farmersville	Interior and exterior security camera upgrades	8	\$ 143,256	FA
Freedom	Upgrade fire alarm system panel	8	\$ 176,492	FA
Freemansburg	Interior and exterior security camera upgrades	8	\$ 143,256	FA
Governor Wolf	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Hanover	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Liberty Com	Replace two small roof areas at front of building and flat bridge roof to Classroom Center	8	\$ 100,000	R
Lincoln	Interior and exterior security camera upgrades	8	\$ 143,256	FA
Maintenance	Interior and exterior camera upgrades	8	\$ 47,752	FA
Maintenance	Add access control	8	\$ 23,876	FA
Marvine	Interior and exterior security camera upgrades	8	\$ 176,364	FA
Miller Heights	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Northeast	Replace (1) HRU at Gym locker rooms	8	\$ 179,156	HV
Spring Garden	Install ADA compliant stage lift	8	\$ 110,250	HA
Spring Garden	Interior and exterior security camera upgrades	8	\$ 176,683	FA
Spring Garden	Replace Domestic Hot Water Heaters	8	\$ 156,000	P
T. Jefferson	Interior and exterior security camera upgrades	8	\$ 119,380	FA
William Penn	Interior and exterior security camera upgrades	8	\$ 119,380	FA
		TOTAL	\$ 3,219,708	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS

mp2000b

LISTING BY PRIORITY WITHOUT SELECTED CATEGORIES (CO, FT, FC, PA, AF)

			2025	
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
Buchanan	Repair and recoat roof for extended warranty (2018)	7	\$ 287,975	R
Calypso	Regrade and provide storm water catch basin at playground southwest corner	7	\$ 52,074	SS
Clearview	Repair and recoat roof for extended warranty (2020)	7	\$ 476,454	R
East Hills	Replace emergency generator and transfer switch	7	\$ 588,305	ES
East Hills	Install digital control system for HVAC (partially completed in 2017)	7	\$ 1,516,724	HV
East Hills	Replace HVAC unit in Faculty Planning and Waiting Rooms	7	\$ 257,383	HV
East Hills	Install air handler for room 110 Special Ed./Reading	7	\$ 275,768	HV
East Hills	Miscellaneous Renovations associated with HVAC Upgrades	7	\$ 2,250,000	UN
East Hills	Replace exterior lighting	7	\$ 137,884	EL
East Hills	Replace air handlers in original building (partially completed in 2017)	7	\$ 6,434,586	HV
East Hills	Replace cafeteria make-up air unit	7	\$ 303,345	HV
East Hills	Replace grease traps and sanitary pump	7	\$ 161,071	P
Education Ctr	Replace windows in 1971 addition	7	\$ 165,375	WR
Education Ctr	Lobby modifications & elevator	7	\$ 1,516,724	HA
Education Ctr	Point exterior masonry and repairs	7	\$ 478,880	M
Freedom	Replace air handlers/U.V.'s in original building	7	\$ 28,000,000	UN
Freedom	Replace interior doors in central lobby (8 locations)	7	\$ 291,615	D
Freedom	Repair/replace student lockers	7	\$ 520,383	SL
Freedom	Convert Original Building to Four Pipe System	7	\$ 11,000,000	HV
Freedom	Miscellaneous Renovations associated with HVAC Upgrades	7	\$ 5,500,000	HV
Freedom	Provide redundant UPS system for Network Center	7	\$ 547,705	ES
Freemansburg	Install underdrain in parking area	7	\$ 122,942	SS
Freemansburg	Repair and recoat roof (Area A) for extended warranty (2020)	7	\$ 145,605	R
Governor Wolf	Miscellaneous masonry repairs, caulking and water proofing	7	\$ 52,074	M
Liberty Class	Repair and recoat roof for extended warranty (2020)	7	\$ 192,119	R
Liberty Com	Crowd control doors for separation of Student Activity area	7	\$ 165,461	D
Liberty Lab	Replace all HVAC equipment	7	\$ 8,436,192	HV
Lincoln	Repair and recoat roof for extended warranty (2020)	7	\$ 533,231	R
Maintenance	Repair and recoat roof for extended warranty (2020)	7	\$ 141,561	R
Miller Heights	Repair chimney and miscellaneous masonry repairs and caulking classroom	7	\$ 72,905	M
Miller Heights	Repair and recoat roof for extended warranty (2019) at addition	7	\$ 78,465	R
Spring Garden	Repair and recoat roof for extended warranty (2020)	7	\$ 118,911	R
T. Jefferson	Replace multi-zone HVAC units with ducted VAV system	7	\$ 5,883,050	HV
T. Jefferson	Repair/replace exterior masonry wall panels	7	\$ 481,352	M
T. Jefferson	Replace windows	7	\$ 258,171	WR
T. Jefferson	Install additional exterior hand rails	7	\$ 52,037	UN
Transportation Fac.	Replace fencing around entire area	7	\$ 281,201	UN
William Penn	Replace exhaust fan in health suite	7	\$ 52,037	HV
William Penn	Improve stage lighting	7	\$ 104,076	IL
William Penn	Replace playground fence fabric	7	\$ 117,085	UN
William Penn	Repair cracks & install control joints in ext. masonry	7	\$ 109,007	M

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS

mp2000b

LISTING BY PRIORITY WITHOUT SELECTED CATEGORIES (CO, FT, FC, PA, AF)

2025

SCHOOL	ITEM	PRIORITY	COST	CATEGORY
William Penn	Replace multi-zone HVAC units with ducted VAV system	7	\$ 5,883,050	HV
William Penn	Repair/replace exterior masonry panels	7	\$ 468,342	M
William Penn	Replace ext. doors	7	\$ 157,910	ED
		TOTAL	\$ 84,669,032	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS

mp2000b

LISTING BY PRIORITY WITHOUT SELECTED CATEGORIES (CO, FT, FC, PA, AF)

			2025	
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
Asa Packer	Provide additional outlets in M.P. Room	6	\$ 41,659	ES
Asa Packer	Install secure entrance vestibule at main building entrance	6	\$ 180,879	ID
Asa Packer	Regrade play area at east end for drainage	6	\$ 68,300	L
Asa Packer	Clock and Intercom Replacement	6	\$ 48,000	UN
Asa Packer	Provide additional outlets in classrooms & upgrade electrical service	6	\$ 275,768	ES
Calypso	Install secure entrance vestibule at main building entrance	6	\$ 275,768	ID
Calypso	Seal all masonry walls and caulking	6	\$ 49,175	M
Donegan	Repair and re-coat roof for extended warranty (2021)	6	\$ 360,337	R
East Hills	Install secure entrance vestibule at main building entrance	6	\$ 367,691	ID
East Hills	Provide hot water in Home Economics area	6	\$ 82,730	P
East Hills	Renovations to 6th & 7th grade restrooms	6	\$ 588,305	TR
East Hills	Provide additional outlets in classrooms & upgrade electrical service	6	\$ 1,065,482	ES
East Hills	Replace Gang Bathroom Sinks (Seven Remaining)	6	75000	P
Education Ctr	Upgrade ATC controls to Metasys and replace HVAC	6	\$ 3,676,906	HV
Education Ctr	Replace windows in original building	6	\$ 585,703	WR
Freedom	Renovate toilet rooms in original building	6	\$ 344,531	HV
Freedom	Replace all HVAC equipment and controls in original building	6	\$ 7,353,813	HV
Freedom	Replace chillers, pumps and piping in original building mechanical room	6	\$ 3,186,652	HV
Freedom	Install roof coating on Siplast roof areas	6	\$ 1,041,485	R
Freedom	Replace Natatorium Dehumidification System	6	\$ 200,000	HV
Freedom	Replace ceiling tiles	6	\$ 990,926	CT
Freedom	Repair and repoint masonry (15%) (exterior brick walls)	6	\$ 159,275	M
Freedom	Repair or replace water coolers	6	\$ 68,300	P
Freedom	Storm drainage system upgrades in field areas	6	\$ 437,425	SS
Freemansburg	Install secure entrance vestibule at main building entrance	6	\$ 202,230	ID
Liberty Class	Recaulk all exterior masonry joints & windows and seal masonry	6	\$ 180,879	M
Liberty Com	Install secure entrance vestibule at main building entrance	6	\$ 557,107	ID
Liberty Com	repoint and Recaulk all exterior masonry	6	\$ 450,000	M
Liberty Com	Repairs to walkway bridge at Classroom Ctr.	6	\$ 238,999	M
Liberty Lab	Replace all HVAC controls	6	\$ 1,591,734	HV
Liberty Lab	Recaulk all exterior masonry joints	6	\$ 52,074	M
Lincoln	Recaulk all exterior masonry joints	6	\$ 52,074	M
Maintenance	Install fire alarm system/smoke detectors	6	\$ 72,905	FA
Marvine	Recaulk all exterior masonry joints	6	\$ 52,074	M
Northeast	Chiller replacement (future)	6	\$ 1,447,031	HV
Northeast	Interior painting	6	\$ 595,309	IP
Northeast	Caulk and seal all exterior masonry	6	\$ 275,768	M
Northeast	Chiller wall ventilation/repairs	6	\$ 86,822	M
SPARK (Pre-K)	Replace lighting with electronic ballast lights	6	\$ 241,172	IL
Spring Garden	Install secure entrance vestibule at main building entrance	6	\$ 128,692	ID
Stad-Mem Gym	Replace stadium ADA lift	6	\$ 87,545	UN

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS

mp2000b

LISTING BY PRIORITY WITHOUT SELECTED CATEGORIES (CO, FT, FC, PA, AF)

2025

SCHOOL	ITEM	PRIORITY	COST	CATEGORY
T. Jefferson	Install secure entrance vestibule at main building entrance	6	\$ 91,923	ID
T. Jefferson	Replace spalled brick	6	\$ 68,300	M
T. Jefferson	Provide additional outlets in classrooms & upgrade electrical service	6	\$ 86,056	ES
T. Jefferson	Re-seed lawn areas and landscape	6	\$ 54,641	L
T. Jefferson	Replace exterior caulking	6	\$ 43,166	CA
T. Jefferson	Improve exterior lighting	6	\$ 55,154	EL
T. Jefferson	Repair cracks in exterior brick masonry	6	\$ 40,159	M
T. Jefferson	Replace plumbing fixtures and renovate toilets	6	\$ 367,691	P
T. Jefferson	Renovate Kitchen	6	\$ 367,691	UN
T. Jefferson	Renovate multi-purpose room	6	\$ 459,613	UN
Transportation Fac.	Install Emergency Generaotr and Transfer Switch from Fountain Hill ES	6	\$ 70,000	EP
Transportation Fac.	Install fire alarm system	6	\$ 82,688	FA
Transportation Fac.	Install site drainage southeast corner of bus lot	6	\$ 127,339	SS
William Penn	Install secure entrance vestibule at main building entrance	6	\$ 91,923	ID
William Penn	Re-coat existing roof	6	\$ 270,787	R
William Penn	Provide sound attenuation adjacent to cafeteria	6	\$ 31,223	UN
William Penn	Replace window units	6	\$ 258,171	WR
William Penn	Provide additional outlets in classrooms & upgrade electrical service	6	\$ 86,056	ES
William Penn	Replace plumbing and renovate toilets	6	\$ 367,691	P
William Penn	Renovate Kitchen	6	\$ 367,691	UN
William Penn	Renovate multi-purpose room	6	\$ 459,613	UN
William Penn	Provide shades or blinds at east & west windows	6	\$ 30,050	WS
William Penn	Replace exterior caulking	6	\$ 43,169	CA
		TOTAL	\$ 31,757,316	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS

mp2000b

LISTING BY PRIORITY WITHOUT SELECTED CATEGORIES (CO, FT, FC, PA, AF)

SCHOOL	ITEM	PRIORITY	2025 COST	CATEGORY
Asa Packer	Repair cracks & paint Multi-Purpose Room walls	5	\$ 37,153	IP
Asa Packer	Improve exterior lighting	5	\$ 163,885	EL
Broughal	Paint interior of the building	5	\$ 732,198	IP
Clearview	Replace interior lighting (improve energy savings)	5	\$ 400,972	IL
Clearview	Paint interior of building	5	\$ 175,091	IP
Donegan	Replace interior lighting (improve energy savings)	5	\$ 517,619	IL
Donegan	Paint interior of building	5	\$ 226,026	IP
Donegan	Replace classroom signage	5	\$ 29,845	UN
East Hills	Replace wall covering in Auditorium	5	\$ 76,499	IP
East Hills	Remove lockers and install benches in Boys and Girls Gymnasium Locker Rooms	5	\$ 60,000	SL
East Hills	Replace casework	5	\$ 1,314,494	UN
East Hills	Repoint stone walls at main entry	5	\$ 103,815	M
East Hills	Repair auditorium entry limestone columns	5	\$ 79,587	M
East Hills	Replace interior lighting (improve energy savings, partially completed in 2017)	5	\$ 1,059,299	IL
East Hills	Renovate stage area, curtains, lighting and replace auditorium seats	5	\$ 1,194,995	SC
East Hills	Interior Painting (Café, gym, hallways & lavs)	5	\$ 206,925	IP
Education Ctr	Replace interior doors	5	\$ 177,582	ID
Education Ctr	Replace interior lighting and ceilings (improve energy savings)	5	\$ 496,125	IL
Education Ctr	Improve exterior lighting	5	\$ 68,300	EL
Freedom	Repoint stone wall	5	\$ 54,641	M
Freedom	Upgrade building exhaust (allowance)	5	\$ 183,845	HV
Freedom	Provide new window shades, blinds, etc.	5	\$ 100,536	WS
Freedom	Replace interior lighting (improve energy savings)	5	\$ 2,076,718	IL
Hanover	Interior painting	5	\$ 97,096	IP
Liberty Lab	Replace interior lighting (improve energy savings)	5	\$ 554,123	IL
Lincoln	Remove oil tank	5	\$ 63,669	FTK
Lincoln	Seal masonry and replace select glazed block	5	\$ 83,319	M
Lincoln	Replace interior lighting (improve energy savings)	5	\$ 454,781	IL
Lincoln	Interior painting	5	\$ 172,544	IP
Maintenance	Replace lighting (energy)	5	\$ 152,807	IL
Marvine	Replace interior lighting (improve energy savings)	5	\$ 403,887	IL
Marvine	Interior painting	5	\$ 152,807	IP
Miller Heights	Interior painting	5	\$ 162,357	IP
SPARK (Pre-K)	Plumbing isolation valve & wall hydrant replacement including back flow preventer	5	\$ 78,847	P
SPARK (Pre-K)	Replace panelboard for HVAC equipment	5	\$ 90,111	ES
SPARK (Pre-K)	Replace boiler, air handler and install ATC controls	5	\$ 1,317,488	HV
SPARK (Pre-K)	Replace fire alarm system	5	\$ 101,374	UN
Stad-Mem Gym	MEM GYM-Repoint exterior masonry	5	\$ 111,511	M
T. Jefferson	Replace exterior doors	5	\$ 157,910	ED
T. Jefferson	Replace chalk & tack boards	5	\$ 71,852	UN
Transportation Fac.	Replace roof, out of warranty	5	\$ 508,163	R

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS

mp2000b

LISTING BY PRIORITY WITHOUT SELECTED CATEGORIES (CO, FT, FC, PA, AF)

2025

SCHOOL	ITEM	PRIORITY	COST	CATEGORY
Transportation Fac.	Install Metasys Controls on two RTU's	5	\$ 117,085	HV
William Penn	Replace or repair spalled brick in ext. masonry (15%)	5	\$ 114,747	M
William Penn	Improve exterior lighting	5	\$ 52,037	EL
William Penn	Replace chalk and tack boards with whiteboards	5	\$ 71,852	UN
William Penn	Regrade and landscape areas	5	\$ 28,686	L
		TOTAL	\$ 14,655,200	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS

mp2000b

LISTING BY PRIORITY WITHOUT SELECTED CATEGORIES (CO, FT, FC, PA, AF)

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
Asa Packer	Replace folding partition in Multi-Purpose Room	4	\$ 204,901	UN
East Hills	Replace student lockers	4	\$ 485,352	SL
East Hills	Repair floor cracks in Room 204	4	\$ 12,841	UN
East Hills	Replace or repair ceiling tiles (partially completed in 2017)	4	\$ 606,690	CT
Education Ctr	Provide new window shades, blinds, etc.	4	\$ 54,641	WS
Education Ctr	Caulk all masonry joints	4	\$ 72,126	M
Freedom	Install restrooms at synthetic turf field	4	\$ 459,613	TR
Freedom	Install restrooms at field house	4	\$ 551,536	TR
Freedom	Add classroom electrical outlets	4	\$ 220,614	ES
Freedom	Repair cracks in wall adj to Rooms 116, 115, 212, & 213	4	\$ 44,260	M
Lafayette	Install outfield fence	4	\$ 61,282	L
Maintenance	Install emergency generator, lighting and exit signs	4	\$ 367,691	ES
Northeast	Install Two Surface Mounted Dock Levelers at Loading Dock	4	\$ 40,000	UN
SPARK (Pre-K)	Replace parking lot lights	4	\$ 63,074	EL
T. Jefferson	Provide new window shades, blinds, etc.	4	\$ 43,714	WS
T. Jefferson	Provide stage dimming system	4	\$ 95,600	IL
William Penn	Replace water coolers	4	\$ 28,686	P
William Penn	Provide new window shades, blinds, etc.	4	\$ 43,986	WS
William Penn	Provide stage dimming system	4	\$ 95,600	IL
		TOTAL	\$ 3,552,205	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS

mp2000b

LISTING BY PRIORITY WITHOUT SELECTED CATEGORIES (CO, FT, FC, PA, AF)

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
Asa Packer	Renovate stage area: curtains & lighting	3	\$ 253,230	SC
East Hills	Provide additional sound baffles in Cafeteria	3	\$ 54,641	UN
Maintenance	Perform property survey & set corner pins	3	\$ 9,563	PS
Spring Garden	Install stage light dimming system	3	\$ 163,920	SC
William Penn	Replace brown colored chalkboard with whiteboards	3	\$ 43,166	UN
		TOTAL	\$ 524,521	
East Hills	Replace metal fascia panels at kitchen loading area	2	\$ 78,059	R
East Hills	Perform property survey & set corner pins	2	\$ 19,123	PS
East Hills	Repair masonry	2	\$ 65,048	M
Freedom	Perform property survey & set corner pins	2	\$ 19,123	PS
T. Jefferson	Perform property survey & set corner pins	2	\$ 20,218	PS
William Penn	Perform property survey & set corner pins	2	\$ 20,218	PS
		TOTAL	\$ 221,789	
Asa Packer	Contingency, miscellaneous & unidentified items	0	\$ 211,924	CN
Asa Packer	Improve handicapped accessibility	0	\$ 264,457	HA
East Hills	Contingency, miscellaneous & unidentified items	0	\$ 343,165	CN
East Hills	Upgrade handicapped accessibility	0	\$ 136,601	HA
Education Ctr	Contingency, miscellaneous & unidentified items	0	\$ 340,873	CN
Freedom	Contingency, miscellaneous & unidentified items	0	\$ 449,845	CN
Freedom	Improve handicapped accessibility	0	\$ 204,901	HA
Maintenance	Contingency, miscellaneous & unidentified items	0	\$ 54,641	CN
Stad-Mem Gym	Contingency, miscellaneous & unidentified items	0	\$ 467,066	CN
Stad-Mem Gym	Improve handicapped accessibility at Stadium (additional - phase 2)	0	\$ 682,997	HA
T. Jefferson	Contingency, miscellaneous & unidentified items	0	\$ 137,965	CN
T. Jefferson	Improve handicapped accessibility, including elevator	0	\$ 826,875	HA
William Penn	Contingency, miscellaneous & unidentified items	0	\$ 132,229	CN
William Penn	Improve handicapped accessibility, including elevator	0	\$ 826,875	HA
		TOTAL	\$ 5,080,413	
		GRAND TOTAL	\$ 147,911,684	

TAB 6

**SUMMARY OF THE
RECOMMENDED BUDGET FOR
EACH SCHOOL OR FACILITY**

Controlling Budget % =
Renovation Cost =

60 %
300 \$/SQ.FT.

November 3, 2025

PROJECT ACCOUNTING BASED ON ESTIMATES - COMPARISON OF RENOVATION TO IMPROVEMENTS

(1) SCHOOL	(2) FLOOR AREA SQ.FT.	(3) RENOVATION @ \$300/SQ.FT. \$\$\$	(4) RECOMMENDED IMPROVEMENTS w/ fees & cont. \$\$\$	(5) IMPROVEMENTS AS % OF RENOVATION	(6) ASBESTOS ABATEMENT w/ fees & cont. \$\$\$	(7) RENOVATION + ASBESTOS \$\$\$	(8) IMPROVEMENTS + ASBESTOS \$\$\$	(9) TOTAL ESTIMATED BUDGET w/ fees & cont. \$\$\$
ELEMENTARY SCHOOLS								
SPARK (Pre-K)	26,500	\$7,950,000	\$1,892,066	24%	\$62,500	\$8,012,500	\$1,954,566	\$1,954,566
Asa Packer	48,400	\$14,520,000	\$1,845,659	13%	\$18,750	\$14,538,750	\$1,864,409	\$2,237,291
Buchanan	33,100	\$9,930,000	\$542,263	5%	\$0	\$9,930,000	\$542,263	\$650,715
Calypso	34,000	\$10,200,000	\$642,703	6%	\$0	\$10,200,000	\$642,703	\$771,243
Clearview	55,000	\$16,500,000	\$1,273,012	8%	\$0	\$16,500,000	\$1,273,012	\$1,527,614
Donagan	71,000	\$21,300,000	\$1,581,950	7%	\$0	\$21,300,000	\$1,581,950	\$1,898,341
Farmersville	61,800	\$18,540,000	\$626,908	3%	\$0	\$18,540,000	\$626,908	\$752,290
Fountain Hill	82,000	\$24,600,000	\$0	0%	\$103,205	\$24,703,205	\$103,205	\$19,425,000
Freemansburg	47,500	\$14,250,000	\$835,922	6%	\$0	\$14,250,000	\$835,922	\$1,003,106
Governor Wolf	48,000	\$14,400,000	\$282,681	2%	\$0	\$14,400,000	\$282,681	\$339,217
Hanover	30,500	\$9,150,000	\$308,165	3%	\$0	\$9,150,000	\$308,165	\$369,797
Lincoln	54,200	\$16,260,000	\$1,686,798	10%	\$0	\$16,260,000	\$1,686,798	\$2,024,158
Marvine	55,400	\$16,620,000	\$890,290	5%	\$0	\$16,620,000	\$890,290	\$1,068,349
Miller Heights	51,000	\$15,300,000	\$564,556	4%	\$0	\$15,300,000	\$564,556	\$677,468
Spring Garden	66,500	\$19,950,000	\$1,289,162	6%	\$0	\$19,950,000	\$1,289,162	\$1,546,995
Thomas Jefferson	38,500	\$11,550,000	\$12,054,535	104%	\$18,750	\$11,568,750	\$12,073,285	\$9,975,000
William Penn	38,500	\$11,550,000	\$12,993,867	113%	\$18,750	\$11,568,750	\$13,012,617	\$10,290,000
MIDDLE SCHOOLS								
Broughal	186,000	\$55,800,000	\$1,028,260	2%	\$0	\$55,800,000	\$1,028,260	\$1,233,912
East Hills	193,000	\$57,900,000	\$21,566,795	37%	\$157,650	\$58,057,650	\$21,724,445	\$26,069,334
Nitschmann	180,000	\$54,000,000	\$0	0%	\$0	\$0	\$0	\$0
Northeast	187,000	\$56,100,000	\$2,755,536	5%	\$0	\$56,100,000	\$2,755,536	\$3,306,643
HIGH SCHOOLS								
Freedom (New 110,000)	385,000	\$115,500,000	\$66,346,677	57%	\$106,250	\$115,606,250	\$66,452,927	\$45,000,000
Liberty (TOTAL)	483,000	\$144,900,000	\$17,773,918	12%	\$0	\$144,900,000	\$17,773,918	\$21,328,702
Commons Bldg.	183,500	\$55,050,000	\$2,025,067	4%	\$0	\$55,050,000	\$2,025,067	\$2,430,080
Classroom Center	72,500	\$21,750,000	\$372,998	2%	\$0	\$21,750,000	\$372,998	\$447,598
Laboratory Center	76,000	\$22,800,000	\$10,634,123	47%	\$0	\$22,800,000	\$10,634,123	\$12,760,947
Mem. Gym, SA & Fld. Hse.	151,000	\$45,300,000	\$4,741,731	10%	\$50,000	\$45,350,000	\$4,791,731	\$5,750,077
MISC. FACILITIES								
Ed. Center	36,000	\$10,800,000	\$8,089,596	75%	\$130,188	\$10,930,188	\$8,219,783	\$13,116,225
Lafayette	-	\$0	\$108,119		\$0	\$0	\$108,119	\$129,742
Maint.	11,800	\$3,540,000	\$1,039,095	29%	\$2,475	\$3,542,475	\$1,041,570	\$1,249,884
Transportation	12,200	\$3,660,000	\$2,293,126	63%	\$0	\$3,660,000	\$2,293,126	\$4,392,000
TOTAL =	2,515,900	\$754,770,000	\$160,311,660		\$668,518	\$701,438,518	\$160,980,177	\$172,397,591

TAB 7

SUMMARY OF CAPITAL IMPROVEMENT WORK

**COMPLETED IN 1992, 1993, 1994,
1995, 1996, 1997, 1998, 1999, 2000,
2001, 2002, 2003, 2004, 2005, 2006,
2007, 2008, 2009, 2010, 2011, 2012,
2013, 2014, 2015, 2016, 2017, 2018,
2019, 2020, 2021, 2022, 2023, 2024,
2025**

**BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
PROJECT COMPLETED IN 1992**

AUGUST 12, 1992

SCHOOL	ITEM		P	BUDGET	CONTRACT	C.O.	ASBESTOS	COST
Freedom	Reconstruct and color coat tennis courts.		9	\$ 190,000	\$ 219,350			\$ 219,350
Freedom	Upgrade swimming filtration system.		10	\$ 90,000	\$ 103,850	\$ 970		\$ 104,820
Education Ctr.	Remove and replace concrete sidewalk.	%	9	\$ 5,610	\$ 5,610			\$ 5,610
Education Ctr.	Remove and replace concrete curb (linear & radius).	%	9	\$ 6,000	\$ 6,000			\$ 6,000
Education Ctr.	Remove and replace concrete stairs.	%	9	\$ 2,000	\$ 2,000			\$ 2,000
Liberty Lab	Repair concrete flatwork.	%	9	\$ 20,000	\$ 20,000			\$ 20,000
Liberty Lab	Repair concrete sidewalks.	%	9	\$ 40,000	\$ 40,000			\$ 40,000
Liberty Lab	Repair concrete curbs.	%	9	\$ 31,276	\$ 31,276			\$ 31,276
Northeast	Remove and replace concrete flatwork.	%	8	\$ 2,000	\$ 2,000			\$ 2,000
Northeast	Remove and replace concrete sidewalk.	%	9	\$ 13,412	\$ 13,412			\$ 13,412
Northeast	Remove and replace concrete curb (linear & radius).	%	8	\$ 5,000	\$ 5,000			\$ 5,000
Fountain Hill	Replace carpeting through classrooms on 1st & 2nd Floor.		9	\$ 77,600	\$ 93,700	\$ 4,600		\$ 98,300
Liberty Class	Replace floor carpeting.		9	\$ 113,000	\$ 103,751			\$ 103,751
Liberty Com	Replace carpeting.		9	\$ 58,129	\$ 49,000	\$ 9,129		\$ 58,129
Asa Packer	Replace stucco fascia soffit & window surrounds.		8	\$ 105,300	\$ 88,000	\$ 2,800		\$ 90,800
Broughal	Restore masonry on old building, replace cornice.	%	10	\$ 165,400	\$ 157,700	\$ 7,700	\$ 10,600	\$ 176,000
Liberty Com	Repoint brick sasonry in light courts.		9	\$ 60,000	\$ 59,100	\$ 2,300		\$ 61,400
Liberty Com	Clean and repoint brick masonry (coping stone).	%	5	\$ 7,900	\$ 7,900			\$ 7,900
Liberty Com	Repair brick masonry, east wall areaway.		10	\$ 28,800	\$ 28,000			\$ 28,000
Northeast	Repair chimney located to north end.		10	\$ 15,000	\$ 17,240	\$ 5,670		\$ 22,910
Donegan	Re-surface bituminous play area and re-construct walk.		6	\$ 15,900	\$ 10,000			\$ 10,000
Donegan	Provide access road to playground		8	\$ 35,000	\$ 25,000			\$ 25,000
Donegan	Provide bus drop-off & extend parking.		9	\$ 190,000	\$ 160,505	\$ 9,000		\$ 169,505
Asa Packer	Replace roof.		10	\$ 208,000	\$ 159,175			\$ 159,175
Broughal	Replace roof on old building.		10	\$ 193,000	\$ 117,229			\$ 117,229
Broughal	Replace roof over boiler room.		10	\$ 25,000	\$ 15,000			\$ 15,000
Liberty Com	Replace roof.		10	\$ 295,000	\$ 328,667	\$ 6,980	\$ 5,600	\$ 341,247
Liberty Com	Replace auditorium roof.		9	\$ 40,000	\$ 42,570			\$ 42,570
Stad-Mem	Mem Gym - Replace roof.		10	\$ 180,000	\$ 180,000	\$ 9,330		\$ 189,330
Broughal	Install fire emergency standpipe system.		10	\$ 150,000	\$ 117,065			\$ 117,065

			TOTAL	\$ 2,368,327	\$ 2,208,100	\$ 58,479	\$ 16,200	\$ 2,282,779	
								Total Contract Plus C.O.'s	\$ 2,266,579
								Total Asbestos	\$ 16,200

Work not included in Master Plan:

Hanover	Install curb & sidewalk AS DIRECTED BY TOWNSHIP IN 1992				\$ 32,500			\$ 32,500	
								Total expenditure 1992	\$ 2,315,279

Work performed by Maintenance Department:

Broughal	Repair all operable windows, install new operable devices.		10	\$ 24,000				
Nitschmann	Repair window spring mechanism in 1992 building.		10	\$ 8,500				
Rosemont	Repair window hardware.		10	\$ 9,000				

Maintenance Department Total \$ 41,500

(For items partially addressed, the budget is set at contract amount.)

Total removed from Master Plan 1992

\$ 2,356,779

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN

PROJECT COMPLETED IN 1993

OCTOBER 14, 1993

SCHOOL	ITEM		P	BUDGET	CONTRACT	C.O.	ASBESTOS	COST
Lincoln	Reconstruct concrete sidewalk & curbing.	%	9	\$ 25,000	\$ 22,949			\$ 22,949
Buchanan	Reconstruct concrete sidewalk, curbing & paving.	%	9	\$ 25,000	\$ 24,755			\$ 24,755
Stad-Mem Gym	Reconstruct concrete walls.	%	9	\$ 25,000	\$ 16,610			\$ 16,610
Maintenance	Reconstruct concrete apron & paving.	%	9	\$ 20,000	\$ 9,850			\$ 9,850
Nitschmann	Upgrade shop room ventilation.		10	\$ 1,500	\$ 2,300			\$ 2,300
Northeast	Upgrade shop room ventilation.		10	\$ 45,000	\$ 64,310			\$ 64,310
East Hills	Upgrade shop room ventilation.		10	\$ 32,000	\$ 52,800			\$ 52,800
Freedom	Upgrade shop room ventilation.		10	\$ 21,500	\$ 33,640			\$ 33,640
Liberty Com	Renovate lavatories.		9	\$ 60,000	\$ 123,456			\$ 123,456
Northeast	Remove and replace exterior doors.		9	\$ 125,000	\$ 121,000			\$ 121,000
Stad-Mem Gym	Remove and replace exterior doors.		9	\$ 159,400	\$ 157,000			\$ 157,000
Education Ctr	Replace HVAC system.		9	\$ 540,000	\$ 497,600	\$ 4,004		\$ 501,604
Clearview	Install new storm drainage system.		10	\$ 155,000	\$ 106,657	\$ 9,100		\$ 115,757
Liberty Com	Adjust, reorganize & trans. load in high voltage system.		10	\$ 70,000	\$ 20,870	\$ 1,830		\$ 22,700
Liberty Com	Replace underground oil storage tank.		10	\$ 85,000	\$ 82,000	\$ 33,100		\$ 115,100
Nitschmann	Replace underground oil storage tank.		10	\$ 71,000	\$ 78,000	\$ 35,600		\$ 113,600
Calypso	Replace underground oil storage tank.		10	\$ 35,000	\$ 34,000	\$ 3,400		\$ 37,400
Lincoln	Replace underground oil storage tank.		10	\$ 38,000	\$ 39,000	\$ (1,500)		\$ 37,500
Lafayette	Replace underground oil storage tank.		10	\$ 34,000	\$ 33,000	\$ (1,600)		\$ 31,400
Education Ctr	Replace underground oil storage tank.		10	\$ 12,000	\$ 7,000	\$ 2,800		\$ 9,800

				TOTAL	\$ 1,579,400	\$ 1,526,797	\$ 86,734	\$ -	\$ 1,613,531
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Total Contract Plus C.O.'s \$ 1,613,531

Work not included in Master Plan:

East Hills	Sitework for portables.			\$ 23,500	\$ 16,500			\$ 16,500
Fountain Hill	Install curb AS DIRECTED BY TOWNSHIP				\$ 2,000			\$ 2,000

Total expenditure 1993 \$ 1,632,031

Total removed from Master Plan 1993 \$ 1,632,031

(For items partially addressed, the budget is set at contract amount.)

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN

PROJECT COMPLETED IN 1994

DECEMBER 1, 1994

SCHOOL	ITEM	CAT/PR	CONTRACT	C.O.	TOTAL CONTRACT	5% FEE	ACTUAL FEE	TOTAL COST
East Hills	Concrete sidewalk & curbing.	%	CO	\$ 11,351		\$ 11,351	\$ 568	\$ 11,903
Freedom	Concrete sidewalk & curbing.	%	CO	\$ 20,365	\$ 1,374	\$ 21,739	\$ 1,087	\$ 22,722
Miller Heights	Concrete sidewalk & curbing.	%	CO	\$ 10,964	\$ 1,200	\$ 12,164	\$ 608	\$ 12,736
Miscellaneous	Concrete work.	%	CO	\$ 17,795		\$ 17,795	\$ 890	\$ 18,664
Nitschmann	Concrete work.	%	CO	\$ 24,075		\$ 24,075	\$ 1,204	\$ 25,024
Freedom	Swimming pool surge tank.		10	\$ 37,419	\$ 1,627	\$ 39,046	\$ 1,952	\$ 40,998
Stad-Mem Gym	Replace roofs.		9	\$ 132,891	\$ 7,429	\$ 140,320	\$ 7,016	\$ 147,301
Stad-Mem Gym	Replace windows & repair masonry.		9	\$ 377,455	\$ 8,404	\$ 385,859	\$ 19,293	\$ 404,996
Freedom	Paving reconstruction		PA	\$ 471,850	\$ 86,400	\$ 558,250	\$ 27,913	\$ 581,690
Wm. Penn	Concrete work.	%	CO	\$ 23,491		\$ 23,491	\$ 1,175	\$ 24,756
Wm. Penn	Replace carpeting.		10	\$ 64,800		\$ 64,800	\$ 3,240	\$ 67,824
Thos. Jefferson	Replace carpeting.		10	\$ 66,900		\$ 66,900	\$ 3,345	\$ 70,103
Northeast	Replace oil tank.		9	\$ 76,725		\$ 76,725	\$ 3,836	\$ 80,463
Maintenance	Replace oil tank.		9	\$ 44,995		\$ 44,995	\$ 2,250	\$ 47,107
TOTAL				\$ 1,381,076	\$ 106,434	\$ 1,487,510	\$ 74,376	\$ 1,556,287

Additional Work:

East Hills	Relocate portable classrooms.			\$ 6,950		\$ 6,950	\$ 348	\$ 7,041
East Hills	PP&L temp. service for portable classrooms.			\$ 6,634		\$ 6,634	\$ 332	\$ 6,634
Northeast	Provide electrical transformer.		10	\$ 22,190		\$ 22,190	\$ 1,110	\$ 23,299
Liberty Com	Provide electrical transformer.		9	\$ 18,600		\$ 18,600	\$ 930	\$ 19,528
Liberty Com	Replace boiler pressure valves.		10	\$ 7,315		\$ 7,315	\$ 366	\$ 7,680
Stad-Mem Gym	Concession stands.		8	\$ 55,000		\$ 55,000	\$ 2,750	\$ 55,000
Freemansburg	Replace hot water heater.		10	\$ 7,540		\$ 7,540	\$ 377	\$ 7,540
Lafayette	Fencing at softball field.			\$ 15,868		\$ 15,868	\$ 793	\$ 15,868
Lafayette	Relocation of heat pumps.			\$ 9,610		\$ 9,610	\$ 481	\$ 9,610
TOTAL				\$ 149,707	\$ -	\$ 149,707	\$ 7,485	\$ 154,201

Asbestos abatement work:

	Miscellaneous fees, Liberty H.S. roofs.					\$ -	\$ 1,100	\$ 1,100
	Miscellaneous fees, 1994 projects.					\$ -	\$ 1,436	\$ 1,436
TOTAL				\$ -	\$ -	\$ -	\$ 2,536	\$ 2,536

Total removed from Master Plan 1994

\$ 1,713,024

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN

PROJECT COMPLETED IN 1995

FEBRUARY 5, 1996

SCHOOL	ITEM	CAT/PR	CONTRACT	C.O.	TOTAL CONTRACT	5% FEE	ACTUAL FEE	TOTAL COST	
Education Ctr.	Handicap ramp and door.	%	HA	\$ 24,992		\$ 24,992	\$ 1,250	\$ 1,250	\$ 26,242
Northeast	Curb cut and ramp.	%	HA	\$ 3,386		\$ 3,386	\$ 169	\$ 169	\$ 3,555
Nitschmann	Sidewalk along 8th Ave.	%	HA	\$ 7,400	\$ 2,888	\$ 10,288	\$ 514	\$ 514	\$ 10,802
Miscellaneous	Curb cuts at Broug., Clrvw., Marv., & Hanover.	%	HA	\$ 5,515		\$ 5,515	\$ 276	\$ 276	\$ 5,791
Asa Packer	ADA lavatory.	%	HA	\$ 15,803		\$ 15,803	\$ 790	\$ 790	\$ 16,593
Gov. Wolf.	ADA lavatory.	%	HA	\$ 13,806		\$ 13,806	\$ 690	\$ 690	\$ 14,496
Hanover	ADA lavatory.	%	HA	\$ 15,083		\$ 15,083	\$ 754	\$ 754	\$ 15,837
Lincoln	ADA lavatory.	%	HA	\$ 11,394		\$ 11,394	\$ 570	\$ 570	\$ 11,964
Marvine	ADA lavatory.	%	HA	\$ 10,992		\$ 10,992	\$ 550	\$ 550	\$ 11,542
Miller Heights	ADA lavatory.	%	HA	\$ 17,210		\$ 17,210	\$ 861	\$ 861	\$ 18,071
Liberty Com	Concrete deck at loading area.		10	\$ 63,800	\$ (12,363)	\$ 51,438	\$ 3,190	\$ 3,190	\$ 54,628
FHS & LHS	Repair stage rigging.		10	\$ 105,070		\$ 105,070	\$ 5,254	\$ 5,254	\$ 110,324
Lincoln	Storm drain repairs.		10	\$ 58,200	\$ (6,095)	\$ 52,105	\$ 2,910	\$ 2,910	\$ 55,015
Broughal	Fire alarm and electrical repairs.		10	\$ 99,471	\$ 1,500	\$ 100,971	\$ 5,049	\$ 5,049	\$ 106,020
Marvine	Replace roof-top multizone heat units		HV	\$ 194,810		\$ 194,810	\$ 9,741	\$ 9,741	\$ 204,551
Thos. Jefferson	Replace HVAC system.		HV	\$ 414,927		\$ 414,927	\$ 20,746	\$ 20,746	\$ 435,673
Liberty	Pool surge tank and miscellaneous repairs.		HV	\$ 62,410	\$ 8,500	\$ 70,910	\$ 3,546	\$ 3,546	\$ 74,456
Calypso	Curb cut and ramp.		HV	\$ 3,640		\$ 3,640	\$ 182	\$ -	\$ 3,640
East Hills	Curb cut and ramp.		HV	\$ 3,350		\$ 3,350	\$ 168	\$ -	\$ 3,350
TOTAL				\$ 1,131,259	\$ (5,570)	\$ 1,125,690	\$ 57,207	\$ 56,860	\$ 1,182,547

Additional Work:

Liberty Lab	Upgrade science labs.			Postponed.		\$ -	\$ -	\$ -	\$ -
Freedom	Upgrade science labs.			Postponed.		\$ -	\$ -	\$ -	\$ -
TOTAL						\$ -	\$ -	\$ -	\$ -

Asbestos abatement work:

Northeast	Remove ceilings and pipe insulation.			\$ 217,324		\$ 217,324		\$ 10,866	\$ 228,190
Liberty Class	Remove fire-proofing.			\$ 73,000		\$ 73,000		\$ 3,650	\$ 76,650
TOTAL				\$ 290,324	\$ -	\$ 290,324	\$ -	\$ 14,516	\$ 304,840

Total removed from Master Plan 1995

\$ 1,487,388

NO.	SCHOOL	ITEM	CONSTRUCTION COST	FEES & CONT.	FUND CATEGORY	COMMENTS
1	Thomas Jeff.	Curb cut & emergency drive	\$ 6,000.00	\$ -	Concrete	proj. completed
2	Rosemont	Curb cut & emergency drive	\$ 5,500.00	\$ -	Concrete	proj. completed
3	Miller Heights	Miller Heights roof repair - Machemer & Son Inc.	\$ 3,500.00	\$ -	Roofs	proj. completed
4	Thomas Jeff.	Thomas Jefferson Elem. - Whitaker Roofing & Siding Inc.	\$ 291,046.00	\$ 14,552.00	Roofs	proj. completed
	Thomas Jeff.	change order #1 metal deck, roof drains \$15,200	\$ 11,250.00	\$ 562.00	Roofs	proj. completed
5	Donegan	Donegan Elem. - Whitaker Roofing & Siding Inc.	\$ 290,100.00	\$ 10,733.00	Roofs	proj. completed
6	Donegan	Donegan Elem. Slate roof repair - Alan Kunsman Roofing	\$ 2,300.00	\$ -	Roofs	proj. completed
7	Hanover	Hanover Elem. - Whitaker Roofing & Siding Inc.	\$ 310,511.00	\$ 11,488.00	Roofs	work in progress
		change order #1 new roofs, flashing of new roof curbs etc.	\$ 44,000.00	\$ 2,200.00		
8	Lafayette	Lafayette Bldg. re-bid - Jottan Roofing	\$ 102,200.00	\$ 5,110.00	Roofs	proj. completed
		change order #1 roof hatch	\$ 1,500.00		Roofs	proj. completed
9	Rosemont	Rosemont Bldg. re-bid - Jottan Roofing	\$ 175,800.00	\$ 8,790.00	Roofs	proj. completed
		change order #1 roof drains, scuppers	\$ 4,800.00		Roofs	proj. completed
10	VARIOUS	Performance contracting up front cost (annual cost from gen.fund)	\$ 3,382,797.00	\$ 225,000.00	HVAC	SEE ATTACHED SHEET
		change order 1 - ethernet	\$ 29,320.00			
11	Freedom	Acid Neutralization Tank Repairs	\$ 5,700.00	\$ -	HVAC	proj. completed
12	Northeast	Library compressor replacement	\$ 8,678.00	\$ -	HVAC	proj. completed
13	Liberty Comm.	Sample Locker repair	\$ 1,400.00	\$ -	Improvements	proj. completed
14	VARIOUS	Security, fire alarm installation	\$ 8,335.00	\$ -	Improvements	work in progress
15	Liberty Comm.	Locker repairs	\$ 74,785.00	\$ 3,739.00	Improvements	proj. completed
		change order #1 repair lockers in lab ctr.	\$ 26,710.00	\$ 133,550.00		work in progress
16	VARIOUS	TEGG Service Electrical Testing and Preventive Maint.	\$ 66,699.00		Improvements	work in progress
		change order #1 safety & code violations: water penetration	\$ 76,875.00			
17	Freedom	Repair of leak from pool area to switchgear	\$ 15,000.00		Improvements	Proj included in lab. Addition
18	Freedom	Repair Bleachers	\$ 75,000.00		Improvements	Proj included in lab. Addition
19	Freedom	Remove Elevated pre-cast concrete walkway	\$ 150,000.00		Improvements	Proj included in lab. Addition
20	Freedom	Replace exterior doors	\$ 97,000.00		Improvements	Proj included in lab. Addition
21	Freedom	Replace carpet in classrooms w/VCT	\$ 108,500.00		Floor Covering	Proj included in lab. Addition
22	Freedom	Replace carpet in auditorium	\$ 18,000.00		Floor Covering	Proj included in lab. Addition
23	Freedom	Re-surface parking lot at NW end	\$ 66,000.00		Paving	Proj included in lab. Addition
24	Freedom	Seal paving at north end	\$ 12,000.00		Paving	Proj included in lab. Addition
		TOTAL	\$ 5,471,306.00	\$ 283,509.50		
		TOTAL CONSTRUCTION FUNDS ENCUMBERED	\$ 5,754,815.50			

SUMMARY OF WORK PERFORMED UNDER PERFORMANCE CONTRACT

- Lighting system upgrade in seventeen buildings
- Centralized Facility Management System (FMS) in all school buildings
- Replace electric boiler at the Liberty High School Classroom building with gas fired boilers
- Replace electric unit ventilators in Asa Packer Elementary School with air-to-air heat pumps
- Replace two Spencer gas fired boilers in Marvine Elementary School with new high efficiency condensing boilers
- Replace existing all electric roof-top units at William Penn Elementary School with new gas fired and electric cooling roof-top units
- Convert Freedom High School into two pipe heating/cooling system
- Steam trap repair/replacement at Liberty High School Commons Building
- Ceiling tile replacement at Freedom High School cafeteria and ceiling tile replacement at William Penn and Thomas Jefferson Elementary Sc

NO.	SCHOOL	ITEM	CONSTRUCTION COST	FEES & CONT.	FUND CATEGORY	COMMENTS
1	East Hills	Replace stage dimming system & lights	\$ 49,450.00	\$ 2,472.50	Improvements	completed
2	Freedom	Replace stage dimming system	\$ 51,000.00	\$ 2,550.00	Improvements	completed
3	Buchanan	Replace underground fuel tank	\$ 38,762.00	\$ 1,938.10	Fuel Tank	completed
4	Clearview	Replace underground fuel tank	\$ 35,560.00	\$ 1,778.00	Fuel Tank	completed
5	Freedom	Remove underground fuel tank	\$ 5,980.00	\$ 299.00	Fuel Tank	completed
6	Governor Wolf	Replace underground fuel tank	\$ 39,262.00	\$ 1,963.10	Fuel Tank	completed
7	Hanover	Replace underground fuel tank	\$ 36,541.00	\$ 1,827.05	Fuel Tank	completed
8	Maintenance	Replace underground fuel tank	\$ 54,556.00	\$ 2,727.80	Fuel Tank	completed
9	Miller Heights	Replace underground fuel tank	\$ 39,243.00	\$ 1,962.15	Fuel Tank	completed
		contaminated soil removal \$21,000 approved	\$ 20,000.00	\$ 1,000.00		
10	Broughal	Replace roof over gymnasium	\$ 133,815.00	\$ 6,690.75	Roof Work	completed
		change order credit on material allowance	\$ (1,450.00)			
11	Nitschmann	Replace roof over original building	\$ 468,668.00	\$ 23,433.40	Roof Work	completed
		change order #1 fasten roof ins., repair brick parapet \$27,000	\$ 27,000.00	\$ 1,350.00	Roof Work	
		change order credit on material allowance	\$ (2,210.00)			
12	Education Ctr.	Replace roofs	\$ 149,120.00	\$ 7,456.00	Roof Work	completed
13	Education Ctr.	Repair slate roof (included above)	\$ -	\$ -	Roof Work	completed
		change order #1 mechanically fasten roof insulation	\$ 8,400.00	\$ 420.00	Roof Work	completed
		change order credit on material allowance	\$ (1,200.00)			
14	Fountain Hill	Replace roof over original building	\$ 140,375.00	\$ 7,018.75	Roof Work	completed
15	Education Ctr.	Repair water penetr. thru. elec. conduits (incl in TEGG c.o.)	\$ -	\$ -	Improvements	proj. incl. in TEGG
16	Fountain Hill	Relo. Water main from above electric switch gear (incl in TEGG)	\$ -	\$ -	Improvements	proj. incl. in TEGG
17	Liberty Class.	Repair exterior masonry veneer	\$ 458,419.00	\$ 22,920.95	Improvements	completed
18	Liberty Comm.	Repair window sash & hardware	\$ 55,800.00	\$ 2,790.00	Improvements	hold--ESTIMATE
19	Marvine	Repair water penetration through conduits	\$ -	\$ -	Improvements	proj. incl. in TEGG
20	Liberty Comm.	Repair brick masonry parapets & wall areas	\$ 50,900.00	\$ 2,545.00	Improvements	hold--ESTIMATE
21	Nitschmann	Improve window operation in old bldg.	\$ 45,000.00	\$ 2,250.00	Improvements	hold--ESTIMATE
22	VARIOUS	Asbestos abatement associated with performance contracting		\$ -	Asbestos	
	Marvine		\$ 23,673.00	\$ 1,183.65	Asbestos	work completed
	Freedom	original bid + c.o. #1(\$475)	\$ 68,949.00	\$ 3,447.45	Asbestos	work completed
	Liberty		\$ 10,476.00	\$ 523.80	Asbestos	work completed
23	East Hills	Portable for elem. school construction projects 3 YEARS	\$ 419,691.00	\$ 12,421.90	Improvements	work completed
	Liberty High	Portables for lab. ctr. renovation project 1 YEAR	\$ 50,350.00	\$ 1,966.10	Improvements	work completed
		change order #1 intercom, phone, catv, comp. wiring, fire alarm	\$ 90,000.00	\$ 4,500.00	Improvements	work completed
24	Northeast	Clean and line ducts for HVAC system	\$ 170,200.00	\$ 8,510.00	Improvements	work completed
		change order credit on material allowance	\$ (16,000.00)			
25	William Penn	Re-surface bituminous play area	\$ 48,000.00	\$ 2,400.00	Paving	hold--ESTIMATE
26	Marvine	Re-surface drive and play area	\$ 145,000.00	\$ 7,250.00	Paving	hold--ESTIMATE
27	Liberty	Electrical repairs and upgrades	\$ 490,000.00		Improvements	proj. incl. in Liberty Lab renov.
28	Freedom	Replace chiller No. 2 and install backflow preventer on water main	\$ 230,000.00		Improvements	proj. incl. in Freedom lab add.
29	Clearview	Purchase & install two portables (one is Alternate Bid)	\$ 121,475.00	\$ 6,073.00	Improvements	work substantially complete
		change order credit on material allowance	\$ (3,900.00)			
30	Education Ctr.	Repairs to complete HVAC work	\$ 8,000.00		HVAC	
31	VARIOUS	Temp. reloc./storage/equipment/repairs for constr.	\$ 100,000.00		Improvements	ESTIMATE see att. Sheet
		There are other project currently being evaluated and will have to be addressed, these include East Hills carpet, Marvine storm drain repairs, Northeast masonry, etc.				
		TOTAL	\$ 3,858,905.00	\$ 143,668.45		
		TOTAL CONSTRUCTION FUNDS ENCUMBERED	\$ 4,002,573.45			

BASD COMPLETED CAPITAL IMPROVEMENTS 1998 BOND

\$12,279,000

November 1, 1999

School	Item	Estimated Cost	Contract	Change Order	Final Cost	Comments
Northeast	Roof repairs over entire building	\$ 1,200,000.00	\$ 124,950.00	\$ (5,278.50)	\$ 119,671.50	Repairs only
Freedom	Replace roof over entire building	\$ 1,400,000.00	\$ 2,039,000.00	\$ 16,000.00	\$ 2,055,000.00	1.
Liberty	Repl. Roof on aux. gym and repair seams on Lab. Ctr.	\$ 195,000.00	\$ 57,940.00		\$ 57,940.00	Lab Center Repairs Only
Asa- Packer	Replace six air handlers	\$ 200,000.00	\$ 155,700.00	\$ (3,817.00)	\$ 151,883.00	
Fountain Hill	Replace air handlers in open area & ceilings/lights	\$ 385,000.00	\$ 324,000.00	\$ (2,198.05)	\$ 321,801.95	
Nitschmann	Upgrade controls	\$ 50,000.00	\$ 133,900.00		\$ 133,900.00	2.
Nitschmann	Replace A/C in office & faculty room	\$ 100,000.00				2.
Nitschmann	Replace bleachers	\$ 90,000.00	\$ 52,500.00	\$ (5,000.00)	\$ 47,500.00	
East Hills	Replace windows and frames	\$ 440,000.00	\$ 419,410.00		\$ 419,410.00	3.
East Hills	Replace exterior doors and louver screens	\$ 96,000.00				3.
East Hills	Replace portion of sanitary line in building	\$ 150,000.00	\$ 145,400.00	\$ 24,000.00	\$ 169,400.00	
Northeast	Replace emergency battery system & lights	\$ 180,000.00	\$ 211,966.00	\$ (9,759.07)	\$ 202,206.93	4.
Northeast	Upgrade electrical distribution system	\$ 150,000.00				4.
Stad-Mem gym	Replace stadium lighting	\$ 211,500.00	\$ 211,500.00		\$ 211,500.00	
Freedom	Re-finish gym floor	\$ 40,000.00	\$ 17,950.00		\$ 17,950.00	
Freedom	Replace wood shop dust collector	\$ 65,000.00				1.
Freedom	Repair fascia soffit & masonry	\$ 410,000.00				1.
East Hills	Replace carpeting & misc. floor tile	\$ 163,000.00	\$ 127,500.00		\$ 127,500.00	
Wm. Penn	Reconstruct bituminous play area	\$ 48,000.00	\$ 57,475.00		\$ 57,475.00	
Freedom	Reconstruct rear faculty parking lot	\$ 200,000.00	\$ 179,169.00	\$ 43,750.00	\$ 222,919.00	5.
Freemansburg	Repair loading dock area	\$ 35,000.00	\$ 45,633.00		\$ 45,633.00	
Liberty	Replace exterior doors	\$ 95,000.00	\$ 142,450.00		\$ 142,450.00	
Rosemont	Portables for Clearview, Donegan, Marvine phasing	\$ 299,093.00	\$ 299,093.00		\$ 299,093.00	6.
Hanover	Replace underground storm drains	\$ 55,000.00	\$ 30,328.00	\$ (5,495.00)	\$ 24,833.00	
Various	Calypso, Farm., Frmsbg & SG HVAC Control Upgrades	\$ 135,000.00	\$ 135,760.00		\$ 135,760.00	

TOTAL	\$ 6,392,593.00	\$ 4,911,624.00	\$ 52,202.38	\$ 4,963,826.38
FEES & CONTINGENCY	\$ 767,111.16	\$ 245,581.20	\$ 4,187.50	\$ 248,191.32
GRAND TOTAL	\$ 7,159,704.16	\$ 5,157,205.20	\$ 56,389.88	\$ 5,212,017.70

PROJECTS COMPLETED NOT FROM 1998 BOND FUNDS

School	Item	Estimated Cost	Contract	Change Order	Final Cost	Comments
Miller Heights	Eight classroom addition	\$ 1,551,000.00	\$ 1,136,642.00	\$ 54,395.62	\$ 1,191,037.62	7.
Northeast	Replace kitchen walk-through refrigerators & freezers	\$ 100,000.00	\$ 77,639.00	\$ (2,072.00)	\$ 75,567.00	
Transportation	Dumbwaiter installation	\$ 50,000.00	\$ 44,900.00		\$ 44,900.00	

TOTAL	\$ 1,701,000.00	\$ 1,259,181.00	\$ 52,323.62	\$ 1,311,504.62
FEES & CONTINGENCY	\$ 204,120.00	\$ 62,959.05	\$ 2,719.78	\$ 65,575.23
GRAND TOTAL	\$ 1,905,120.00	\$ 1,322,140.05	\$ 55,043.40	\$ 1,377,079.85

- 1 Fascia, soffit and dust collector work was performed under one contract.
- 2 Control upgrades and office HVAC replacement performed under one contract.
- 3 Replacement of windows, window frames, exterior doors and louver screens all performed under one contract.
- 4 Replacement of emergency battery system and lights and electrical upgrade all performed under one contract.
- 5 Resurfacing of the East Hills lot adjacent to the gymnasium and the driveway performed as part of this contract.
- 6 \$72,576.00 for a two year lease.
- 7 Bonus for early substantial completion has been included in the Change Order amount. Also fee must be adjusted.
- * Does not include Change Order Credits.

PROJECTS COMPLETED IN 1998 & 1999

\$12,279,000

November 1, 1999

School	Item	Contract	Change Order	Final Cost	Comments
Northeast	Roof repairs only	\$ 124,950.00	\$ (5,278.50)	\$ 119,671.50	
Freedom	Replace roof over entire building, replace wood shop dust collector, repair fascia soffit & masonry	\$ 2,039,000.00	\$ 16,000.00	\$ 2,055,000.00	
Liberty	Roof repairs on Lab Center	\$ 57,940.00		\$ 54,514.03	Lab Center Repairs Only
Asa- Packer	Replace six air handlers	\$ 155,700.00	\$ (3,817.00)	\$ 151,883.00	
Fountain Hill	Replace air handlers in open area & ceilings/lights	\$ 324,000.00	\$ (2,198.05)	\$ 321,801.95	
Nitschmann	Upgrade controls & replace A/C in office & faculty room	\$ 133,900.00		\$ 133,900.00	
Nitschmann	Replace bleachers	\$ 52,500.00	\$ (5,000.00)	\$ 47,500.00	
East Hills	Replace windows and frames & exterior doors and louver screens	\$ 419,410.00		\$ 419,410.00	
East Hills	Replace portion of sanitary line in building	\$ 145,400.00	\$ 24,000.00	\$ 166,400.00	\$3,000.00 credit
Northeast	Replace emergency battery system & lights, upgrade electrical distribution system	\$ 211,966.00	\$ (9,759.07)	\$ 202,206.93	
Stad-Mem gym	Replace stadium lighting	\$ 211,500.00		\$ 211,500.00	
Freedom	Re-finish gym floor	\$ 17,950.00		\$ 17,950.00	
East Hills	Replace carpeting & misc. floor tile	\$ 127,500.00		\$ 127,500.00	
Wm. Penn	Reconstruct bituminous play area	\$ 57,475.00		\$ 57,475.00	
Freedom	Reconstruct rear faculty parking lot & East Hills lot @ portables	\$ 179,169.00	\$ 43,750.00	\$ 222,919.00	
Freemansburg	Repair loading dock area	\$ 45,633.00		\$ 45,633.00	
Rosemont	Portables for Clearview, Donegan, Marvine phasing	\$ 299,093.00		\$ 299,093.00	1.
Hanover	Replace underground storm drains	\$ 30,328.00	\$ (5,495.00)	\$ 24,833.00	
Various	Calypso, Farm., Frmsbg & SG HVAC Control Upgrades	\$ 135,760.00		\$ 135,760.00	

TOTAL	\$ 4,769,174.00	\$ 52,202.38	\$ 4,814,950.41
FEES & CONTINGENCY	\$ 238,458.70	\$ 4,187.50	\$ 240,747.52
GRAND TOTAL	\$ 5,007,632.70	\$ 56,389.88	\$ 5,055,697.93

PROJECTS COMPLETED NOT FROM 1998 BOND FUNDS

School	Item	Contract	Change Order	Final Cost	Comments
Miller Heights	Eight classroom addition	\$ 1,136,642.00	\$ 54,395.62	\$ 1,191,037.62	2.
Northeast	Replace kitchen walk-through refrigerators & freezers	\$ 77,639.00	\$ (2,072.00)	\$ 75,567.00	
Transportation	Dumbwaiter installation	\$ 44,900.00		\$ 44,900.00	

TOTAL	\$ 1,259,181.00	\$ 52,323.62	\$ 1,311,504.62
FEES & CONTINGENCY	\$ 62,959.05	\$ 2,719.78	\$ 65,575.23
GRAND TOTAL	\$ 1,322,140.05	\$ 55,043.40	\$ 1,377,079.85

- 1 \$72,576.00 for a two year lease.
- 2 Bonus for early substantial completion has been included in the Change Order amount. Also Fee must be adjusted.

PROJECTS COMPLETED IN 2000 & 2001

October 1, 2001

School	Item	Contract	Change Order	Final Cost	Comments
2000					
Liberty	Fire alarm system, auditorium sound and lighting system E.C.	\$ 462,369.00	\$ 73,897.00	\$ 536,266.00	smoke detectors & existing HVAC equip., existing PA system
	Sound	\$ 149,060.00	\$ 1,689.00	\$ 150,749.00	
	A.C.	\$ 127,000.00	\$ (209.00)	\$ 126,791.00	
Liberty Classroom Ctr.	Replace roof	\$ 415,000.00		\$ 415,000.00	
Freemansburg	Replace roof	\$ 325,000.00	\$ (8,801.50)	\$ 316,198.50	
Spring Garden	Replace roof	\$ 510,000.00	\$ (10,136.39)	\$ 499,863.61	
Maintenance Building	Replace roof	\$ 193,760.00	\$ (1,173.40)	\$ 192,586.60	
Liberty Classroom Ctr.	Replace cooling tower	\$ 53,410.00		\$ 53,410.00	
Liberty Common Bldg.	Replace exterior doors	\$ 142,450.00		\$ 142,450.00	
Northeast	Camera monitoring	\$ 19,394.00	\$ (922.00)	\$ 18,472.00	
Nitschmann	Camera monitoring	\$ 17,679.00	\$ (1,240.00)	\$ 16,439.00	
East Hills	Camera monitoring	\$ 20,167.00	\$ (574.00)	\$ 19,593.00	
Broughal	Camera monitoring	\$ 15,897.00	\$ (1,240.00)	\$ 14,657.00	
Liberty	Camera monitoring	\$ 32,563.00		\$ 32,563.00	
Freedom	Camera monitoring	\$ 18,394.00		\$ 18,394.00	
2001					
Miller Heights	Walking path along Klein Street	\$ 18,000.00		\$ 18,000.00	
Liberty	Auditorium doors exit hardware	\$ 22,000.00		\$ 22,000.00	
William Penn	Replace roof	\$ 477,775.00		\$ 477,775.00	
BASD Stadium	All weather track & ADA lift	\$ 872,213.00	\$ 59,000.00	\$ 931,213.00	sewer linge, utility lines unsuitable soils
Freedom	Water line for fields through BAVTS	\$ 44,000.00		\$ 44,000.00	
Liberty	Sign	\$ 64,650.00		\$ 64,650.00	

TOTAL	\$ 4,000,781.00	\$ 110,289.71	\$ 4,002,420.71
FEES & CONTINGENCY	\$ 200,039.05	\$ 6,729.30	\$ 200,121.04
GRAND TOTAL	\$ 4,200,820.05	\$ 117,019.01	\$ 4,202,541.75

PROJECTS COMPLETED IN 2002

October 7, 2002

School	Item	Contract	Change Order	Final Cost	Comments
Freedom	Rain leader repairs	\$ 20,478.00		\$ 20,478.00	
Freedom	Elevator Modernization	\$ 981,000.00		\$ 981,000.00	
Liberty	General Construction	\$ 47,800.00		\$ 47,800.00	
East Hills	Electrical Construction	\$ 27,727.00		\$ 27,727.00	
Fountain Hill					
Nitschmann					
Broughal					
Northeast					
East Hills	Cooling tower and chiller replacement	\$ 414,012.00		\$ 414,012.00	
	Asbestos abatement	\$ 10,000.00		\$ 10,000.00	
Lafayette	Demolition of building and site improvements (site)	\$ 714,275.00		\$ 714,275.00	
Maintenance Annex	Mechanical	\$ 67,000.00		\$ 67,000.00	
	Electrical	\$ 34,999.00		\$ 34,999.00	
Rosemont	Miscellaneous Improvements General Contractor	\$ 66,750.00		\$ 66,750.00	
	Site	\$ 72,400.00		\$ 72,400.00	
	Electrical	\$ 81,000.00		\$ 81,000.00	
	HVAC	\$ 99,500.00		\$ 99,500.00	
Monocacy	Miscellaneous Improvements	\$ 131,500.00		\$ 131,500.00	
	Electrical	\$ 24,300.00		\$ 24,300.00	
Calypso	Stormwater control	\$ 35,300.00		\$ 35,300.00	
Liberty	Auditorium, Cafeteria & Band Room HVAC	\$ 1,618,000.00		\$ 1,618,000.00	
	Electrical	\$ 156,854.00		\$ 156,854.00	
Miscellaneous	Backflow preventors and plumbing District wide (Rosemont, Monocacy, Asa Packer, East Hills, Fountaint Hill, Liberty, Nitschmann)	\$ 166,171.00		\$ 166,171.00	
Miscellaneous	Asbestos removals at Rosemont	\$ 9,750.00		\$ 9,750.00	
	Asbestos removals at Liberty	\$ 4,500.00		\$ 4,500.00	
	Asbestos removals at Nitschmann	\$ 5,500.00		\$ 5,500.00	
Freedom	Replace exterior bleachers	Being Bid		\$ 40,000.00	Estimated Cost
Farmersville	William Penn Road Improvements	In Design Phase		\$ 350,000.00	Estimated Cost

TOTAL \$ 4,788,816.00 \$ 5,178,816.00

FEES & CONTINGENCY \$ 335,217.12 \$ 362,517.12

GRAND TOTAL \$ 5,124,033.12 \$ 5,541,333.12

PROJECTS COMPLETED IN 2003

February 2, 2004

School	Item	Contract	Change Order	Final Cost	Comments
Freedom	Replace exterior bleachers	\$ 40,750.00	\$ (900.00)	\$ 39,850.00	
Farmersville	William Penn Road Improvements	\$ 185,783.00		\$ 185,783.00	
Buchanan	Replace sewer line toward Route 378	\$ 17,180.00		\$ 17,180.00	
Freedom	Replace auditorium sound system	\$ 134,396.00		\$ 134,396.00	
Freedom	Enclosures for auditorium air handlers	\$ 24,750.00		\$ 24,750.00	
Freedom	Enclosures for auditorium air handlers	\$ 6,650.00		\$ 6,650.00	
Freedom	Concession stand	\$ 25,000.00		\$ 25,000.00	
Freedom	Folding door for Monagacci	\$ 34,050.00		\$ 34,050.00	
Ed Center	H.R. office area	\$ 22,015.00		\$ 22,015.00	
Ed Center	H.R. office area	\$ 4,700.00		\$ 4,700.00	
Liberty	Lab center dust collector	\$ 22,503.00		\$ 22,503.00	
Miller Heights	Parking lot lights	\$ 9,998.00		\$ 9,998.00	

TOTAL	\$	527,775.00	\$	526,875.00
FEES & CONTINGENCY	\$	36,944.25	\$	36,881.25
GRAND TOTAL	\$	564,719.25	\$	563,756.25

PROJECTS COMPLETED IN 2004

November 1, 2004

School	Item	Contract	Change Order	Final Cost	Comments
Freedom Asa Packer Elementary	Replace HVAC in Student Service Area Replace HVAC in Administration Area	\$ 227,000.00	\$ (2,826.96)	\$ 224,173.04	
Nitschmann	Flooring replacement	\$ 92,545.00	\$ -	\$ 92,545.00	
Nitschmann	Asbestos abatement for flooring replacement	\$ 22,100.00	\$ -	\$ 22,100.00	
Governor Wolf	Bituminous walkway	\$ 11,975.00	\$ -	\$ 11,975.00	
Bus Transportation	Fuel tank settlement repair	\$ 79,400.00	\$ -	\$ 79,400.00	
Asa Packer Elementary	Paving and sidewalk reconstruction	\$ 347,450.00	\$ 43,000.00	\$ 390,450.00	
Liberty	Grenadier Boulevard parking lot reconstruction	\$ 109,020.00	\$ 20,000.00	\$ 129,020.00	
Rosemont	Paving and sidewalk repairs	\$ 57,215.00	\$ (22,000.00)	\$ 35,215.00	
Thomas Jefferson	Concrete entryway repairs	\$ 41,285.00	\$ -	\$ 41,285.00	
Thomas Jefferson	Elevated walkway repairs	\$ 59,225.00	\$ 9,425.00	\$ 68,650.00	
William Penn	Elevated walkway repairs	\$ 59,225.00	\$ -	\$ 59,225.00	
Various	Masonry repairs at various facilities	\$ 214,000.00	\$ -	\$ 214,000.00	
Freedom	Window replacement	\$ 190,877.00	\$ (7,673.00)	\$ 183,204.00	
Asa Packer Elementary	Glazing and glass replacement	\$ 54,000.00	\$ (1,745.00)	\$ 52,255.00	
Education Center	Card Access and Fire Alarm System	\$ 52,205.00		\$ 52,205.00	

TOTAL \$ 1,617,522.00 \$ 1,655,702.04

FEES & CONTINGENCY \$ 113,226.54 \$ 115,899.14

GRAND TOTAL \$ 1,730,748.54 \$ 1,771,601.18

PROJECTS COMPLETED IN 2005

November 7, 2005

School	Item	Contract	Change Order	Final Cost	Comments
SPARK	Various capital improvements	\$ 903,794.00	\$ 25,486.00	\$ 929,280.00	
BASD Stadium	Synthetic turf	\$ 727,000.00	\$ 60,000.00	\$ -	Funds not from BASD
IT Center	Varous capital improvements	\$ 331,957.00	\$ -	\$ 331,957.00	
Freedom	Replace baseball field fence and install warning track	\$ 24,000.00	\$ -	\$ 24,000.00	

TOTAL	\$	1,986,751.00	\$	1,285,237.00
FEES & CONTINGENCY	\$	139,072.57	\$	89,966.59
GRAND TOTAL	\$	2,125,823.57	\$	1,375,203.59

PROJECTS COMPLETED IN 2006

January 1, 2007

School	Item	Contract	Change Order	Final Cost	Comments
Nitschmann & LHS Pressbox	Roof Replacement	\$ 473,240.00	\$ (13,112.00)	\$ 460,128.00	
Fountain Hill	Roof Replacement	\$ 480,910.00	\$ 10,818.00	\$ 491,728.00	
Fountain Hill Calypso	Office Area HVAC Replacement Fuel Oil Line Repairs	\$ 128,000.00	\$ (12,100.00)	\$ 115,900.00	
Asa Packer	Floor Replacement	\$ 88,535.00	\$ (10,920.00)	\$ 77,615.00	
Asa Packer	Asbestos Floor Tile Abatement	\$ 50,366.00	\$ -	\$ 50,366.00	
Miscellaneous	Masonry Repairs & Roof Maintenance	\$ 136,116.00	\$ -	\$ 136,116.00	
Freedom	Stage Rigging Repairs	\$ 91,412.00	\$ 3,842.59	\$ 95,254.59	
East Hills	Ceiling Repair at Library	\$ 55,600.00	\$ (1,000.00)	\$ 54,600.00	
Nitschmann	Electrical Work for Window Air Conditioning Units	\$ 25,500.00	\$ -	\$ 25,500.00	

TOTAL	\$ 1,529,679.00	\$ 1,507,207.59
FEES & CONTINGENCY	\$ 107,077.53	\$ 105,504.53
GRAND TOTAL	\$ 1,636,756.53	\$ 1,612,712.12

PROJECTS COMPLETED IN 2007

November 12, 2007

School	Item	Contract	Change Order	Final Cost	Comments
Fountain Hill	Replace ceiling, lights and HVAC in gym, refinish floor & paint walls	\$ 336,500.00	\$ -	\$ 336,500.00	Completed August 15, 2007
Freshman Center (Old Northeast)	Roof repairs to correct leaks	\$ -	\$ -	\$ -	BASD Maintenance
Freemansburg	Miscellaneous masonry and roof repairs	\$ 7,104.00	\$ -		
Farmersville	Miscellaneous masonry and roof repairs	\$ 3,274.00	\$ -		
Fountain Hill	Replace roof over 3-story section	\$ 112,110.00	\$ -		
East Hills	Re-coating existing single-ply membrane of east wing	\$ 155,958.00	\$ -		
Calypso	New substrate and membrane roof	\$ 163,084.00	\$ (3,632.00)		
	Total roof	\$ 441,530.00	\$ (3,632.00)	\$ 437,898.00	Completed August 31, 2007
Various	New overlay on transportation lot, seal bituminous paving at Freedom and East Hills	\$ 189,993.00	\$ -	\$ 189,993.00	Completed August 15, 2007
East Hills & FHS Faculty lot	Exterior lighting installation	\$ 99,900.00	\$ -	\$ 99,900.00	Completed August 31, 2007
Various	Floor replacement: Freemansburg gymnasium, Freedom HS Library, Fountain Hill offices and Library	\$ 60,224.00	\$ (3,786.00)	\$ 56,438.00	Completed August 31, 2007
Freedom HS	Tennis court re-coating and repairs	\$ 24,800.00	\$ -	\$ 24,800.00	Completed July 31, 2007
Freedom HS	Old locker area: replace ceiling, repaint lockers, replace lights and paint all areas	\$ 130,000.00	\$ (444.00)	\$ 129,556.00	Completed October 15, 2007

TOTAL	\$ 1,282,947.00	\$ 1,275,085.00
FEES	\$ 83,391.56	\$ 82,880.53
GRAND TOTAL	\$ 1,366,338.56	\$ 1,357,965.53

PROJECTS COMPLETED IN 2008

October 6, 2008

School	Item	Contract	Change Order	Final Cost	Comments
Thomas Jefferson Elementary	Fire Alarm System Replacement	\$ 43,210	\$ -	\$ 43,210	
William Penn Elementary	Fire Alarm System Replacement	\$ 43,210	\$ -	\$ 43,210	
Spring Garden Elementary School	Roof repairs (overlay)	\$ 94,500	\$ (6,313)	\$ 88,187	
Transportation Building	Roof Coating	\$ 63,000	\$ (5,000)	\$ 58,000	
East Hills Middle School	Roof Replacement	\$ 1,799,000	\$ (38,820)	\$ 1,760,180	
Freedom High School	Surveillance Camera System	\$ 79,244	\$ (3,768)	\$ 75,476	
Freedom High School	HVAC Upgrade (IT Department)	\$ 136,000	\$ (1,950)	\$ 134,050	
Freedom High School	Emergency Power System Installation (IT Department UPS)	\$ 119,250	\$ -	\$ 119,250	
Nitschmann Middle School	Floor Repairs	\$ 43,624	\$ -	\$ 43,624	

TOTAL	\$ 2,421,038	\$ (55,851)	\$ 2,365,187
FEES & CONTINGENCY	\$ 157,367		\$ 157,367
GRAND TOTAL	\$ 2,578,405		\$ 2,522,554

PROJECTS COMPLETED IN 2009

November 9, 2009

School	Item	Contract	Change Order	Final Cost	Comments
Asa Packer Elementary	Fire Alarm System Replacement	\$ 58,385	\$ (8,004)	\$ 50,381	
Asa Packer Elementary	Roof Replacement	\$ 262,300	\$ (25,000)	\$ 237,300	
Farmersville Elementary	Roof Replacement	\$ 340,130	\$ (20,800)	\$ 319,330	
Freemansburg Elementary	Roof Replacement on Multi-Purpose Room	\$ 92,450	\$ (2,935)	\$ 89,515	

TOTAL	\$ 753,265	\$ (56,739)	\$ 696,526
FEES & CONTINGENCY	\$ 45,487		\$ 45,487
GRAND TOTAL	\$ 798,752		\$ 742,013

PROJECTS COMPLETED IN 2010

November 8, 2010

School	Item	Contract	Change Order	Final Cost	Comments
Freedom High School	Repair/Retrofit handrails adjacent to elevator	\$ 43,194	\$ (2,088)	\$ 41,106	
Fremansburg Elementary	Mold remediation in east wing	\$ 87,900	\$ 2,844	\$ 90,744	

TOTAL	\$	131,094	\$	756	\$	131,850
FEES & CONTINGENCY	\$	46,308			\$	46,308
GRAND TOTAL	\$	177,402			\$	178,158

PROJECTS COMPLETED IN 2011

November 7, 2011

School	Item	Contract	Change Order	Final Cost	Comments
Freedom High School	Resurface faculty parking lot	\$ 151,648	\$ -	\$ 151,648	
Fremansburg Elementary	Replace office air handler	\$ 18,900	\$ -	\$ 18,900	
Fountain Hill	Replace water heater	\$ 52,800	\$ -	\$ 52,800	
Nitschmann	Replace boilers in west boiler room and extend gas	\$ 453,261	\$ -	\$ 453,261	
Nitschmann	UGI costs for gas service	\$ 65,000	\$ -	\$ 65,000	

TOTAL	\$	741,609	\$	-	\$	741,609
FEES & CONTINGENCY 6.5%	\$	48,205			\$	48,205
GRAND TOTAL	\$	789,814			\$	789,814

PROJECTS COMPLETED IN 2012

November 5, 2012

School	Item	Contract	Change Order	Final Cost	Comments
Stadium	Column Repairs	\$ 644,720	\$ 7,115	\$ 651,835	
Hanover, East Hills, Liberty	Roof and masonry repairs	\$ 179,818	\$ -	\$ 179,818	
East Hills, Governor Wolf, Spring Garden	Lighting retrofit	\$ 106,055	\$ -	\$ 106,055	
Nitschmann	Locker room heat	\$ 39,265	\$ -	\$ 39,265	

TOTAL	\$	969,858	\$	7,115	\$	976,973
FEES & CONTINGENCY 6.5%	\$	63,041			\$	63,503
GRAND TOTAL	\$	1,032,899			\$	1,040,477

PROJECTS COMPLETED IN 2013

November 11, 2013

School	Item	Contract	Change Order	Final Cost	Comments
Thomas Jefferson, Spring Garden & Farmersville	Repair storm systems	\$ 71,700		\$ 71,700	
BASD Stadium	Replace emergency generator	\$ 18,490		\$ 18,490	
Lincoln	Replace boilers	\$ 178,500		\$ 178,500	
LHS Classroom Center	Replace condensor water piping	\$ 133,400		\$ 133,400	
Broughal	Install Planetarium seating	\$ 23,810		\$ 23,810	
District-wide	Install limited card access system	\$ 672,014		\$ 672,014	
Liberty	Recoat tennis courts	\$ 15,450		\$ 15,450	

TOTAL	\$	1,113,364	\$	-	\$	1,113,364
FEES & CONTINGENCY 6.5%	\$	72,369			\$	72,369
GRAND TOTAL	\$	1,185,733			\$	1,185,733

PROJECTS COMPLETED IN 2014

November 3, 2014

School	Item	Contract	Change Order	Final Cost	Comments
Asa Packer Elementary School	Generator Replacement	\$ 81,899	\$0	\$ 81,899	
Spring Garden Elementary School SPARK Liberty High School	Gym Roof Replacement Roof Replacement at Multi-Purpose Room Roof Repairs and coating on Auditorium roof	\$ 230,100	-\$12,100	\$ 218,000	
Donegan Elementary and East Hills Schools	Masonry Repairs	\$ 141,168	\$19,284	\$ 160,452	
Education Center	Paving Repairs	\$ 212,734	\$0	\$ 212,734	
Liberty High School	Security Cameras Installation	\$ 70,688		\$ 70,688	
Liberty High School	Security Cameras products	\$ 146,440		\$ 146,440	

TOTAL	\$	883,029	\$	7,184	\$	890,213
FEES & CONTINGENCY 6.5%	\$	57,397			\$	57,864
GRAND TOTAL	\$	940,426			\$	948,077

PROJECTS COMPLETED IN 2015

2015

School	Item	Contract	Change Order	Final Cost	Comments
Miller Heights Elementary School	Roof Replacement	\$ 751,800	\$14,000	\$ 765,800	
East Hills Middle School	Security Camera Installation	\$ 36,722		\$ 36,722	
East Hills Middle School	Security Camera Equipment	\$ 122,463		\$ 122,463	
East Hills Middle School	Cafeteria Floor Tile Replacement	\$ 69,500	\$0	\$ 69,500	
Broughal Middle School	SEMCO Wheel Replacement	\$ 56,000	-\$4,700	\$ 51,300	

TOTAL	\$	1,036,485	\$	9,300	\$	1,045,785
FEES & CONTINGENCY 6.5%	\$	67,372			\$	67,976
GRAND TOTAL	\$	1,103,857			\$	1,113,761

PROJECTS COMPLETED IN 2016

September 2016

School	Item	Contract	Change Order	Final Cost	Comments
BASD Maintenance	Boiler Replacement	\$ 38,000		\$ 38,000	
BASD Stadium	Turf Replacement	\$ 612,722	-\$30,000	\$ 582,722	
BASD Stadium	Track Resurfacing	\$ 169,500	-\$12,800	\$ 156,700	
SPARK	Roof Replacement	\$ 289,995	-\$3,741	\$ 286,254	
Thomas Jefferson & Fountain Hill	Roof Coating & Miscellaneous Repairs	\$ 138,010		\$ 138,010	
Northeast	Masonry Limited Repairs	\$ 57,559		\$ 57,559	
Northeast	New Security Cameras	\$ 40,839		\$ 40,839	
Northeast	Purchase of Security Camera Equipment	\$ 95,129		\$ 95,129	
Freedom HS	New Multi-Purpose Turf Field	\$ 2,212,800	\$78,734	\$ 2,291,534	
Freedom HS	New All-Weather Track	\$ 1,020,500	¹ -\$15,000	\$ 1,005,500	

TOTAL	\$	4,675,054	\$	17,193	\$	4,692,247	
FEES 6.5%	\$	308,996			\$	470,796	Total of Fees & Expenses
Construction Testing Turf/Track	\$	41,000					
Land Development & Approvals Turf/Track	\$	59,325					
Site Survey Turf/Track	\$	19,425					
Geotech	\$	3,139					
UGI Gas Line Relocation	\$	38,911					
GRAND TOTAL	\$	5,145,850			\$	5,163,043	

1 - Pending Final Change Order

PROJECTS COMPLETED IN 2017

September 2017

School	Item	Contract	Change Order	Final Cost	Comments
Fountain Hill	Replace chiller	\$ 353,889	TBD	\$ 353,889	
East Hills	Steam boiler replacement, Air Handler, Dehumidification, HVAC	\$ 3,038,000	TBD	\$ 3,038,000	
East Hills	Automatic Temperature Control (ATC) allowance	\$ 347,500	\$0	\$ 347,500	
SPARK	Replace water heater and hot water return pump (by BASD)				

TOTAL \$ 3,739,389 \$ - \$ 3,739,389

FEES 6.5% \$ 243,060 \$ 243,060 Total of Fees & Expenses

GRAND TOTAL \$ 3,982,449 \$ 3,982,449

PROJECTS COMPLETED IN 2018

October 8, 2018

School	Item	Contract	Change Order	Final Cost	Comments
Stadium	Repaint Stadium Stands & Handrail Repairs	\$ 1,280,824	-\$12,000	\$ 1,268,824	Home side grandstands to be completed in the summer of 2019.
East Hills	Replace carpeting in rooms w/VCT	\$ 111,740	-\$8,176	\$ 103,564	
Freedom	Renovations for Project Lead the Way	\$ 280,036		\$ 280,036	
Freedom	Hot water heater installation	\$ 98,500	\$12,452	\$ 110,952	
Freedom / East Hills	Paving adjacent to East Hills / Freedom lot	\$ 444,231		\$ 444,231	
Ed Center	Roof warranty maintenance	\$ 57,793		\$ 57,793	

TOTAL	\$ 2,273,124	\$ (7,724)	\$ 2,265,400	
FEES 6.5%	\$ 147,753		\$ 147,753	Total of Fees & Expenses
GRAND TOTAL	\$ 2,420,877		\$ 2,413,153	

PROJECTS COMPLETED IN 2019

November 11, 2019

School	Item	Contract	Change Order	Final Cost	Comments
Stadium	Repaint Stadium Stands & Handrail Repairs	\$ 1,280,824	-\$16,040	\$ 1,264,784	Home side grandstands were completed in the summer of 2019.
Liberty High School Commons Building	Roof Replacement and Masonry Repairs	\$ 1,585,247	\$0	\$ 1,585,247	
Clearview Elementary School	Boiler Replacement	\$ 315,955	-\$11,696	\$ 304,259	

TOTAL	\$ 3,182,026	\$ (27,736)	\$ 3,154,290	
FEES 6.5%	\$ 206,832		\$ 206,832	Total of Fees & Expenses
GRAND TOTAL	\$ 3,388,858		\$ 3,361,122	

PROJECTS COMPLETED IN 2020

October 5, 2020

School	Item	Contract	Change Order	Final Cost	Comments
Asa Packer	Replace heat pumps and air handlers	\$ 3,511,250	\$138,807	\$ 3,650,057	- Change orders include permitting and classroom casework replacement - Projected credit change order for remaining allowance \$75,000
	Replace ceiling tiles in building (included above)			\$ -	
	Repair cracks and paint classrooms (included above)			\$ -	
	Replace interior lighting (improve energy savings)(included above)			\$ -	
	New window shades and blinds, etc. (included above)			\$ -	
Northeast	Masonry repairs at cooling tower screen wall	\$ 113,400	-\$3,992	\$ 109,408	
Spring Garden	Replace UV's and install active dehumidification system	\$ 4,206,570	-\$68,042	\$ 4,138,528	- Change order includes permitting - Projected credit change order for remaining allowance \$150,000
	Replace interior lighting (improve energy savings) (included above)			\$ -	
	Replace ceiling tiles (included above)			\$ -	

	TOTAL	\$ 7,831,220	\$ 66,773	\$ 7,897,993	
	FEES 6.5%	\$ 509,029	\$ 4,340	\$ 513,370	Total of Fees & Expenses
	CONSTRUCTION OBSERVATION FOR HVAC (ASA PACKER & SPRING GARDEN)	\$ 75,000		\$ 75,000	
	DEI COVID-19 Directive Costs & COVID-19 Hygenist (ASA PACKER & SPRING GARDEN)	\$ 30,005		\$ 30,005	
	GRAND TOTAL	\$ 8,445,254		\$ 8,516,368	

PROJECTS COMPLETED IN 2021

November 3, 2021

School	Item	Contract	Change Order	Final Cost	Comments
Farmersville ES	HVAC Replacement including replacement of ceiling tile and grid	\$ 4,587,817	\$0	\$ 4,587,817	
	Replacement of lighting fixtures and installation of poer connections to new equipment				
SPARK Center	Exterior Restoration - Window replacement	\$ 306,400	\$0	\$ 306,400	
	Alternate Salt Shed repairs and Canopy ceiling panel replacement				
Stadium / Education Center	Security Camera Cabling	\$ 60,000	-\$31,371	\$ 28,629	
Broughal Middle School	Parking Deck Repairs	\$ 296,888	-\$1,205	\$ 295,683	
Transportation Building	Bus lift demolition and repairs	\$ 100,200	\$0	\$ 100,200	

	TOTAL	\$ 5,351,305	\$ (32,576)	\$ 5,318,729	
	FEES 6.5%	\$ 347,835	\$ (2,117)	\$ 345,717	Total of Fees & Expenses
	GRAND TOTAL	\$ 5,699,140		\$ 5,664,447	

PROJECTS COMPLETED IN 2022

October 10, 2022

School	Item	Contract	Change Order	Final Cost	Comments
Freemansburg ES	Replace UV's, replace boilers and pumps add dehumidification, lights, ceiling & misc. Fire Alarm, Security Camera Cabling, Interior Painting.	\$ 5,349,101	\$0	\$ 5,349,101	
Calypso ES	Replace UV's, replace boilers and pumps add dehumidification, lights, ceiling & misc. Fire Alarm, Security Camera Cabling, Interior Painting.	\$ 4,451,136	\$0	\$ 4,451,136	
Governor Wolf ES	Replace UV's, replace boilers and pumps add dehumidification, lights, ceiling & misc. Fire Alarm, Security Camera Cabling, Interior Painting.	\$ 5,112,000	\$0	\$ 5,112,000	
Freedom / Governor Wolf	Repair and recoat roof for extended warranty	\$ 1,236,820	\$350,000	\$ 1,586,820	

TOTAL \$ 16,149,057 \$ 350,000 \$ 16,499,057

FEES 6.5% \$ 1,049,689 \$ 22,750 \$ 1,072,439 Total of Fees & Expenses

GRAND TOTAL \$ 17,198,746 \$ 17,571,496

PROJECTS COMPLETED IN 2023

November 6, 2023

School	Item	Contract	Change Order	Final Cost	Comments
Maintenance Building	Replace the Fuel pumping and monitoring station at BASD Maintenance Building.	\$ 150,000	\$60,000	\$ 210,000	
Transportation Building	Replace the Fuel pumping and monitoring station at BASD Transportation Building.	\$ 297,400		\$ 297,400	
Miller Heights Elementary School	Replace UV's, replace boilers and pumps add dehumidification, lights, ceiling & misc. Fire Alarm, Security Camera Cabling, Interior Painting.	\$ 5,836,700	\$0	\$ 5,836,700	Total for EC & MC contracts
James Buchanan Elementary School	Replace UV's, replace boilers and pumps add dehumidification, lights, ceiling & misc. Fire Alarm, Security Camera Cabling, Interior Painting.	\$ 4,287,373	\$0	\$ 4,287,373	Total for EC & MC contracts
Hanover Elementary School	Replace UV's, replace boilers and pumps add dehumidification, lights, ceiling & misc. Fire Alarm, Security Camera Cabling, Interior Painting.	\$ 3,983,820	\$0	\$ 3,983,820	Total for EC & MC contracts
Thomas Jefferson/William Penn Elementary Schools	Replaced existing precast concrete guardrails with new painted tube steel guardrails.	\$ 369,744	-\$5,106	\$ 364,638	CO for unused material allowances
SPARK Building	Paving repairs and replacement, including limited stormwater management.	\$ 275,909	\$105,000	\$ 380,909	
Liberty High School	Partial roof replacement at the Liberty High School Wrestling Room.	\$ 176,210	\$0	\$ 176,210	
Freedom High School	Partial repair of the roof at the Freedom High School Science Wing.	\$ 275,100	\$0	\$ 275,100	
		TOTAL \$ 15,652,256	\$ 159,894	\$ 15,812,150	
		FEES 6.5% \$ 1,017,397	\$ 10,393	\$ 1,027,790	Total of Fees & Expenses
		GRAND TOTAL \$ 16,669,653		\$ 16,839,940	

PROJECTS COMPLETED IN 2024

November 4, 2024

School	Item	Contract	Change Order	Final Cost	Comments
Liberty High School	Stadium Lighting	\$ 346,260		\$ 346,260	
Liberty High School	Sidewalks	\$ 86,700		\$ 86,700	
Liberty High School	Field House Hot Water Heater Replacement	\$ 373,350		\$ 373,350	
Liberty High School	Install Doors at All Gang Bathrooms Throughout	\$ 140,000		\$ 140,000	
Liberty/Freedom High School	Locker Rooms	\$ 639,643		\$ 639,643	
Freedom High School	Replace Water Heaters in 2005 addition	\$ 182,600		\$ 182,600	
Freedom High School	Replace synthetic turf at athletic field (partial cost covered by manufacturer warranty)	\$ 335,000		\$ 335,000	
Freedom High School	Replace boilers, pumps, and controls in original mechanical room	\$ 1,090,000		\$ 1,090,000	

TOTAL \$ 3,193,553 \$ - \$ 3,193,553

FEES 7.5% \$ 239,516 \$ - \$ 239,516 Total of Fees & Expenses

GRAND TOTAL \$ 3,433,069 \$ 3,433,069

PROJECTS COMPLETED IN 2025

November 3, 2025

School	Item	Contract	Change Order	Final Cost	Comments
Farmersville Elementary School	Replace grease trap at kitchen	\$ 72,000		\$ 72,000	
Miller Heights Elementary School	Replace grease interceptor in kitchen				
Farmersville Elementary School	Clocks/Intercom Replacement	\$ 46,257		\$ 46,257	
Freedom High School	Replace roof on wrestling room				
Freedom High School	Renovate auditorium	\$ 1,347,495		\$ 1,347,495	
Governor Wolf	Roof replacement	\$ 1,537,800		\$ 1,537,800	
Marvine Elementary School	Replace domestic water heater	\$ 424,280			
Liberty High School	Replace water heaters (3)	\$ 424,280		\$ 424,280	
Calypso Elementary School	Clocks/Intercom Replacement	\$ 46,257		\$ 46,257	

TOTAL \$ 3,898,369 \$ - \$ 3,474,089

FEES 7.5% \$ 292,378 \$ - \$ 292,378 Total of Fees & Expenses

GRAND TOTAL \$ 4,190,747 \$ 3,766,467

TAB 8

**SUMMARY OF RECENT BOND
CONSTRUCTION (RENOVATION &
ADDITION) PROJECTS**

**BETHLEHEM AREA SCHOOL DISTRICT
CAPITAL IMPROVEMENT PLAN**

SUMMARY OF MAJOR RENOVATIONS AND NEW CONSTRUCTION

November 3, 2025

Project	New Construction Sq. Ft.	Renovation Sq. Ft.	Other Work	Project Cost	Year
Spring Garden Elementary School	28,500	38,000	Site Work	\$ 5,795,682.00	1991
Freemansburg Elementary School	29,000	18,000	Site Work	\$ 5,307,058.00	1991
Fountain Hill Elementary School	10,700	Minor	Site Work	\$ 2,345,533.00	1994
Farmersville Elementary School	34,800	27,000	Site Work	\$ 7,202,752.00	1996
Calypso Elementary School	34,000		Demolition of Existing Building & Site Work	\$ 4,033,954.00	1996
East Hills Middle School	52,000		Minor Site Work	\$ 5,179,067.00	1995
Nitschmann Middle School	17,700	Minimal	Parking Lot	\$ 2,701,785.00	1995
Transportation Facility	12,200		Site Work	\$ 1,703,448.00	1995
Freedom High School & IMC	29,611	Miscellaneous Floors & Doors	Misc. Site Work & Overhead Walkway Demolition	\$ 4,402,000.00	1998
Liberty High School Lab Center	4,513	71,961	Misc. Driveway & Electrical Repairs for Commons Bldg.	\$ 7,489,308.00	1998
Miller Heights Elementary School	4,643	36,220	Site Work	\$ 3,853,000.00	1998
Hanover Elementary School	1,650	28,660	Site Work	\$ 3,056,000.00	1998
Governor Wolf Elementary School	4,800	43,200	Site Work	\$ 4,618,296.00	1999
Buchanan Elementary School	450	32,600	Site Work	\$ 3,842,496.00	1999
Miller Heights Eight Classroom Addition	9,800		Miscellaneous Site Work	\$ 1,299,418.00	1999
Lincoln Elementary School	54,200		Demolition of Existing Building & Site Work	\$ 7,222,427.00	2000
Clearview Elementary School	16,300	38,700	Site Work	\$ 6,685,001.00	2000
Donegan Elementary School	71,000		Demolition of Existing Building & Site Work	\$ 10,999,300.00	2001
Marvine Elementary School	55,400		Demolition of Existing Building & Site Work	\$ 8,328,646.00	2001
New Northeast Middle School	187,000		Site Work	\$ 28,700,000.00	2005
Freedom High School	110,000		Associated Site Work & Minimal Existing Renov.	\$ 30,350,000.00	2007
Liberty High School	120,000	255,000	Lab Center not renovated	\$ 66,307,000.00	2008
Broughal Middle School	187,000		Parking Deck and new field, existing 120,000 sq.ft. building demolished	\$ 56,746,000.00	2009
Northeast Middle School			Demolition of building and construction of fields	\$ 2,847,842.00	2011
Nitschmann Middle School	179,984		Construction of new building, Demolition of existing building, Construction of sports field (\$2 Mil credit for ACE Grant)	\$ 52,206,238.00	2017
Totals	1,255,251	589,341	-----	\$ 333,222,251.00	-----

TAB 9

**RECOMMENDATIONS ITEMIZED
BY PRIORITY FOR ALL WORK
OTHER THAN THE BUILDINGS
SLATED FOR
MAJOR CONSTRUCTION
PROJECTS IN THE 10 YEAR PLAN**

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY PRIORITY WITHOUT SELECTED SCHOOLS
(THOMAS JEFFERSON & WILLIAM PENN)

mp2000b

2025

SCHOOL	ITEM	PRIORITY	COST	CATEGORY
Stad-Mem Gym	Grandstand concrete stair replacement	9	\$ 1,620,675	CO
		TOTAL	\$ 1,620,675	
Asa Packer	Interior and exterior security camera upgrades	8	\$ 95,504	FA
Buchanan	Interior and exterior security camera upgrades	8	\$ 143,256	FA
Calypso	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Clearview	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Donegan	Interior and exterior security camera upgrades	8	\$ 191,008	FA
Donegan	Replace Domestic Hot Water Heaters	8	\$ 156,000	P
Education Ctr	Replace slate roof portion	8	\$ 151,938	R
Farmersville	Clean and Seal Exterior Split Face CMU	8	\$ 70,000	M
Farmersville	Interior and exterior security camera upgrades	8	\$ 143,256	FA
Freedom	Upgrade fire alarm system panel	8	\$ 176,492	FA
Freemansburg	Interior and exterior security camera upgrades	8	\$ 143,256	FA
Governor Wolf	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Hanover	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Liberty Com	Replace two small roof areas at front of building and flat bridge roof to Classroom Center	8	\$ 100,000	R
Lincoln	Internal and exterior security camera upgrades	8	\$ 143,256	FA
Maintenance	Interior and exterior camera upgrades	8	\$ 47,752	FA
Maintenance	Add access control	8	\$ 23,876	FA
Marvine	Interior and exterior security camera upgrades	8	\$ 176,364	FA
Miller Heights	Interior and exterior security camera upgrades	8	\$ 119,380	FA
Northeast	Replace (1) HRU at Gym locker rooms	8	\$ 179,156	HV
Spring Garden	Install ADA compliant stage lift	8	\$ 110,250	HA
Spring Garden	Interior and exterior security camera upgrades	8	\$ 176,683	FA
Spring Garden	Replace Domestic Hot Water Heaters	8	\$ 156,000	P
		TOTAL	\$ 2,980,948	

mp2000b

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY PRIORITY WITHOUT SELECTED SCHOOLS
(THOMAS JEFFERSON & WILLIAM PENN)

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
Buchanan	Replace sidewalk and curbs along Catasauqua Road	7	\$ 37,493	CO
Buchanan	Repair and recoat roof for extended warranty (2018)	7	\$ 287,975	R
Calypso	Replace sidewalk and curbs	7	\$ 81,960	CO
Calypso	Regrade and provide storm water catch basin at playground southwest corner	7	\$ 52,074	SS
Clearview	Repair and recoat roof for extended warranty (2020)	7	\$ 476,454	R
East Hills	Install digital control system for HVAC (partially completed in 2017)	7	\$ 1,516,724	HV
East Hills	Miscellaneous Renovations associated with HVAC Upgrades	7	\$ 2,250,000	UN
East Hills	Replace emergency generator and transfer switch	7	\$ 588,305	ES
East Hills	Replace HVAC unit in Faculty Planning and Waiting Rooms	7	\$ 257,383	HV
East Hills	Install air handler for room 110 Special Ed./Reading	7	\$ 275,768	HV
East Hills	Replace air handlers in original building (partially completed in 2017)	7	\$ 6,434,586	HV
East Hills	Replace grease traps and sanitary pump	7	\$ 161,071	P
East Hills	Replace exterior lighting	7	\$ 137,884	EL
East Hills	Replace cafeteria make-up air unit	7	\$ 303,345	HV
Education Ctr	Replace windows in 1971 addition	7	\$ 165,375	WR
Education Ctr	Point exterior masonry and repairs	7	\$ 478,880	M
Education Ctr	Lobby modifications & elevator	7	\$ 1,516,724	HA
Freedom	Replace interior doors in central lobby (8 locations)	7	\$ 291,615	D
Freedom	Convert Original Building to Four Pipe System	7	\$ 11,000,000	HV
Freedom	Miscellaneous Renovations associated with HVAC Upgrades	7	\$ 5,500,000	HV
Freedom	Replace air handlers/U.V.'s in original building	7	\$ 28,000,000	UN
Freedom	Repair/replace student lockers	7	\$ 520,383	SL
Freedom	Provide redundant UPS system for Network Center	7	\$ 547,705	ES
Freemansburg	Install underdrain in parking area	7	\$ 122,942	SS
Freemansburg	Repair and recoat roof (Area A) for extended warranty (2020)	7	\$ 145,605	R
Governor Wolf	Miscellaneous masonry repairs, caulking and water proofing	7	\$ 52,074	M
Liberty Class	Repair and recoat roof for extended warranty (2020)	7	\$ 192,119	R
Liberty Com	Crowd control doors for separation of Student Activity area	7	\$ 165,461	D
Liberty Com	Repair / replace concrete sidewalks	7	\$ 145,809	CO
Liberty Lab	Replace all HVAC equipment	7	\$ 8,436,192	HV
Lincoln	Repair and recoat roof for extended warranty (2020)	7	\$ 533,231	R
Maintenance	Repair and recoat roof for extended warranty (2020)	7	\$ 141,561	R
Miller Heights	Repair chimney and miscellaneous masonry repairs and caulking classroom	7	\$ 72,905	M
Miller Heights	Repair and recoat roof for extended warranty (2019) at addition	7	\$ 78,465	R
Spring Garden	Remove and replace VCT in corridor	7	\$ 208,298	FT
Spring Garden	Reconstruct miscellaneous concrete work at entrances	7	\$ 62,490	CO
Spring Garden	Repair and recoat roof for extended warranty (2020)	7	\$ 118,911	R
Transportation Fac.	Replace fencing around entire area	7	\$ 281,201	UN
		TOTAL	\$ 71,638,965	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY PRIORITY WITHOUT SELECTED SCHOOLS
(THOMAS JEFFERSON & WILLIAM PENN)

mp2000b

2025

SCHOOL	ITEM	PRIORITY	COST	CATEGORY
Asa Packer	Provide additional outlets in M.P. Room	6	\$ 41,659	ES
Asa Packer	Install secure entrance vestibule at main building entrance	6	\$ 180,879	ID
Asa Packer	Regrade play area at east end for drainage	6	\$ 68,300	L
Asa Packer	Clock and Intercom Replacement	6	\$ 48,000	UN
Asa Packer	Provide additional outlets in classrooms & upgrade electrical service	6	\$ 275,768	ES
Broughal	Renovate the grass athletic field	6	\$ 296,063	AF
Buchanan	Patch and seal bituminous paving	6	\$ 73,538	PA
Calypso	Install secure entrance vestibule at main building entrance	6	\$ 275,768	ID
Calypso	Seal all masonry walls and caulking	6	\$ 49,175	M
Calypso	Seal bituminous paving	6	\$ 64,346	PA
Clearview	Seal bituminous paving	6	\$ 101,115	PA
Donegan	Seal bituminous paving	6	\$ 101,115	PA
Donegan	Repair and re-coat roof for extended warranty (2021)	6	\$ 360,337	R
East Hills	Repair corridor quarry tile in isolated areas	6	\$ 44,260	FT
East Hills	Install secure entrance vestibule at main building entrance	6	\$ 367,691	ID
East Hills	Provide hot water in Home Economics area	6	\$ 82,730	P
East Hills	Upgrade athletic fields including track repairs	6	\$ 1,194,995	AF
East Hills	Renovations to 6th & 7th grade restrooms	6	\$ 588,305	TR
East Hills	Seal paved areas gymnasium lot and rear drive	6	\$ 110,307	PA
East Hills	Provide additional outlets in classrooms & upgrade electrical service	6	\$ 1,065,482	ES
East Hills	Replace Gang Bathroom Sinks (Seven Remaining)	6	75000	P
East Hills	Remove & replace concrete sidewalk	6	\$ 133,868	CO
East Hills	Remove & replace concrete curb (linear & radius)	6	\$ 81,960	CO
Education Ctr	Upgrade ATC controls to Metasys and replace HVAC	6	\$ 3,676,906	HV
Education Ctr	Replace windows in original building	6	\$ 585,703	WR
Education Ctr	Replace carpet	6	\$ 104,076	FC
Education Ctr	Remove & replace concrete sidewalk & flatwork	6	\$ 127,493	CO
Education Ctr	Regrade and replace sidewalk at N.E. side of building	6	\$ 72,854	CO
Farmersville	Paving repairs and seal coating	6	\$ 413,652	PA
Freedom	Renovate toilet rooms in original building	6	\$ 344,531	HV
Freedom	Install roof coating on Siplast roof areas	6	\$ 1,041,485	R
Freedom	Replace all HVAC equipment and controls in original building	6	\$ 7,353,813	HV
Freedom	Replace chillers, pumps and piping in original building mechanical room	6	\$ 3,186,652	HV
Freedom	Renovate pool locker rooms	6	\$ 702,514	AF
Freedom	Replace Natatorium Dehumidification System	6	\$ 200,000	HV
Freedom	Overlay bituminous paved areas at east and west lot	6	\$ 661,843	PA
Freedom	Remove & replace concrete sidewalk	6	\$ 54,641	CO
Freedom	Remove & replace concrete flatwork	6	\$ 122,942	CO
Freedom	Replace ceiling tiles	6	\$ 990,926	CT
Freedom	Repair and repoint masonry (15%) (exterior brick walls)	6	\$ 159,275	M
Freedom	Storm drainage system upgrades in field areas	6	\$ 437,425	SS
Freedom	Repair or replace water coolers	6	\$ 68,300	P

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY PRIORITY WITHOUT SELECTED SCHOOLS
(THOMAS JEFFERSON & WILLIAM PENN)

mp2000b

2025

SCHOOL	ITEM	PRIORITY	COST	CATEGORY
Freemansburg	Install secure entrance vestibule at main building entrance	6	\$ 202,230	ID
Freemansburg	Expand front parking area	6	\$ 49,992	PA
Freemansburg	Seal bituminous paving	6	\$ 171,896	PA
Governor Wolf	Seal bituminous paving	6	\$ 111,227	PA
Hanover	Seal bituminous paving	6	\$ 91,689	PA
Lafayette	Seal bituminous paving	6	\$ 46,837	PA
Liberty Class	Recaulk all exterior masonry joints & windows and seal masonry	6	\$ 180,879	M
Liberty Com	Install secure entrance vestibule at main building entrance	6	\$ 557,107	ID
Liberty Com	Resurface bus loop, teacher's lot and miscellaneous paving	6	\$ 367,691	PA
Liberty Com	repoint and Recaulk all exterior masonry	6	\$ 450,000	M
Liberty Com	Repairs to walkway bridge at Classroom Ctr.	6	\$ 238,999	M
Liberty Lab	Replace all HVAC controls	6	\$ 1,591,734	HV
Liberty Lab	Recaulk all exterior masonry joints	6	\$ 52,074	M
Lincoln	Recaulk all exterior masonry joints	6	\$ 52,074	M
Lincoln	Repair/replace front bus loop sidewalks	6	\$ 119,380	CO
Lincoln	Seal bituminous paving	6	\$ 64,543	PA
Maintenance	Install fire alarm system/smoke detectors	6	\$ 72,905	FA
Maintenance	Remove & replace concrete curb & sidewalk	6	\$ 68,300	CO
Marvine	Recaulk all exterior masonry joints	6	\$ 52,074	M
Marvine	Seal bituminous paving	6	\$ 105,160	PA
Miller Heights	Seal bituminous paving	6	\$ 131,450	PA
Northeast	Chiller replacement (future)	6	\$ 1,447,031	HV
Northeast	Seal bituminous paving	6	\$ 131,450	PA
Northeast	Caulk and seal all exterior masonry	6	\$ 275,768	M
Northeast	Interior painting	6	\$ 595,309	IP
Northeast	Chiller wall ventilation/repairs	6	\$ 86,822	M
SPARK (Pre-K)	Replace lighting with electronic ballast lights	6	\$ 241,172	IL
Spring Garden	Install secure entrance vestibule at main building entrance	6	\$ 128,692	ID
Spring Garden	Seal bituminous paving	6	\$ 163,920	PA
Stad-Mem Gym	STADIUM-Repair concrete walls around stadium	6	\$ 833,187	AF
Stad-Mem Gym	Replace stadium ADA lift	6	\$ 87,545	UN
Stad-Mem Gym	Replace turf	6	\$ 650,000	AF
Stad-Mem Gym	Replace track	6	\$ 288,750	AF
Transportation Fac.	Provide additional parking and sidewalks for staff	6	\$ 200,000	PA
Transportation Fac.	Install Emergency Generaotr and Transfer Switch from Fountain Hill ES	6	\$ 70,000	EP
Transportation Fac.	Install fire alarm system	6	\$ 82,688	FA
Transportation Fac.	Resurface parking lots	6	\$ 588,305	PA
Transportation Fac.	Install site drainage southeast corner of bus lot	6	\$ 127,339	SS
Transportation Fac.	Repair asphalt driveway to depot	6	\$ 318,347	PA
		TOTAL	\$ 37,080,252	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY PRIORITY WITHOUT SELECTED SCHOOLS
(THOMAS JEFFERSON & WILLIAM PENN)

mp2000b

2025

SCHOOL	ITEM	PRIORITY	COST	CATEGORY
Asa Packer	Repair cracks & paint Multi-Purpose Room walls	5	\$ 37,153	IP
Asa Packer	Improve exterior lighting	5	\$ 163,885	EL
Broughal	Paint interior of the building	5	\$ 732,198	IP
Clearview	Replace interior lighting (improve energy savings)	5	\$ 400,972	IL
Clearview	Paint interior of building	5	\$ 175,091	IP
Donegan	Replace interior lighting (improve energy savings)	5	\$ 517,619	IL
Donegan	Paint interior of building	5	\$ 226,026	IP
Donegan	Replace classroom signage	5	\$ 29,845	UN
East Hills	Replace wall covering in Auditorium	5	\$ 76,499	IP
East Hills	Replace casework	5	\$ 1,314,494	UN
East Hills	Remove lockers and install benches in Boys and Girls Gymnasium Locker Rooms	5	\$ 60,000	SL
East Hills	Repoint stone walls at main entry	5	\$ 103,815	M
East Hills	Repair auditorium entry limestone columns	5	\$ 79,587	M
East Hills	Replace interior lighting (improve energy savings, partially completed in 2017)	5	\$ 1,059,299	IL
East Hills	Renovate stage area, curtains, lighting and replace auditorium seats	5	\$ 1,194,995	SC
East Hills	Interior Painting (Café, gym, hallways & lavs)	5	\$ 206,925	IP
Education Ctr	Replace interior doors	5	\$ 177,582	ID
Education Ctr	Replace interior lighting and ceilings (improve energy savings)	5	\$ 496,125	IL
Education Ctr	Improve exterior lighting	5	\$ 68,300	EL
Freedom	Repoint stone wall	5	\$ 54,641	M
Freedom	Upgrade building exhaust (allowance)	5	\$ 183,845	HV
Freedom	Provide new window shades, blinds, etc.	5	\$ 100,536	WS
Freedom	Replace interior lighting (improve energy savings)	5	\$ 2,076,718	IL
Hanover	Interior painting	5	\$ 97,096	IP
Liberty Lab	Replace interior lighting (improve energy savings)	5	\$ 554,123	IL
Lincoln	Seal masonry and replace select glazed block	5	\$ 83,319	M
Lincoln	Remove oil tank	5	\$ 63,669	FTK
Lincoln	Replace interior lighting (improve energy savings)	5	\$ 454,781	IL
Lincoln	Interior painting	5	\$ 172,544	IP
Maintenance	Reconstruct bituminous paving at rear	5	\$ 100,000	PA
Maintenance	Replace lighting (energy)	5	\$ 152,807	IL
Marvine	Replace interior lighting (improve energy savings)	5	\$ 403,887	IL
Marvine	Interior painting	5	\$ 152,807	IP
Miller Heights	Interior painting	5	\$ 162,357	IP
SPARK (Pre-K)	Plumbing isolation valve & wall hydrant replacement including back flow preventer	5	\$ 78,847	P
SPARK (Pre-K)	Replace boiler, air handler and install ATC controls	5	\$ 1,317,488	HV
SPARK (Pre-K)	Replace panelboard for HVAC equipment	5	\$ 90,111	ES
SPARK (Pre-K)	Replace fire alarm system	5	\$ 101,374	UN
Stad-Mem Gym	MEM GYM-Repoint exterior masonry	5	\$ 111,511	M
Transportation Fac.	Replace roof, out of warranty	5	\$ 508,163	R
Transportation Fac.	Install Metasys Controls on two RTU's	5	\$ 117,085	HV
		TOTAL	\$ 14,258,116	

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY PRIORITY WITHOUT SELECTED SCHOOLS
(THOMAS JEFFERSON & WILLIAM PENN)

mp2000b

2025

SCHOOL	ITEM	PRIORITY	COST	CATEGORY
Asa Packer	Replace folding partition in Multi-Purpose Room	4	\$ 204,901	UN
East Hills	Replace student lockers	4	\$ 485,352	SL
East Hills	Repair floor cracks in Room 204	4	\$ 12,841	UN
East Hills	Replace or repair ceiling tiles (partially completed in 2017)	4	\$ 606,690	CT
Education Ctr	Provide new window shades, blinds, etc.	4	\$ 54,641	WS
Education Ctr	Caulk all masonry joints	4	\$ 72,126	M
Freedom	Install restrooms at synthetic turf field	4	\$ 459,613	TR
Freedom	Install restrooms at field house	4	\$ 551,536	TR
Freedom	Add classroom electrical outlets	4	\$ 220,614	ES
Freedom	Add field house building at turf field	4	\$ 525,000	AF
Freedom	Add additional bleachers at turf field	4	\$ 95,504	AF
Freedom	Repair cracks in wall adj to Rooms 116, 115, 212, & 213	4	\$ 44,260	M
Lafayette	Install outfield fence	4	\$ 61,282	L
Maintenance	Install emergency generator, lighting and exit signs	4	\$ 367,691	ES
Northeast	Install Two Surface Mounted Dock Levelers at Loading Dock	4	\$ 40,000	
SPARK (Pre-K)	Replace parking lot lights	4	\$ 63,074	EL
		TOTAL	\$ 3,865,124	
Asa Packer	Renovate stage area: curtains & lighting	3	\$ 253,230	SC
East Hills	Provide additional sound baffles in Cafeteria	3	\$ 54,641	UN
Maintenance	Perform property survey & set corner pins	3	\$ 9,563	PS
Spring Garden	Install stage light dimming system	3	\$ 163,920	SC
		TOTAL	\$ 481,355	
East Hills	Replace metal fascia panels at kitchen loading area	2	\$ 78,059	R
East Hills	Perform property survey & set corner pins	2	\$ 19,123	PS
East Hills	Repair masonry	2	\$ 65,048	M
Freedom	Perform property survey & set corner pins	2	\$ 19,123	PS
		TOTAL	\$ 181,353	

mp2000b

BETHLEHEM AREA SCHOOL DISTRICT MASTER PLAN
RECOMMENDATIONS
LISTING BY PRIORITY WITHOUT SELECTED SCHOOLS
(THOMAS JEFFERSON & WILLIAM PENN)

		2025		
SCHOOL	ITEM	PRIORITY	COST	CATEGORY
Asa Packer	Contingency, miscellaneous & unidentified items	0	\$ 211,924	CN
Asa Packer	Improve handicapped accessibility	0	\$ 264,457	HA
Broughal	NEW BUILDING Completed in 2009	0	\$ -	
Clearview	RENOVATION Completed in 2000	0	\$ -	
Donegan	NEW BUILDING Completed in 2001	0	\$ -	
East Hills	Upgrade handicapped accessibility	0	\$ 136,601	HA
East Hills	Contingency, miscellaneous & unidentified items	0	\$ 343,165	CN
Education Ctr	Contingency, miscellaneous & unidentified items	0	\$ 340,873	CN
Fountain Hill	New building under construction	0		
Freedom	Improve handicapped accessibility	0	\$ 204,901	HA
Freedom	Contingency, miscellaneous & unidentified items	0	\$ 449,845	CN
Lafayette	Demolition & site work completed in 2002	0	\$ -	
Liberty Class	Capital Improvements completed in 2008	0	\$ -	
Liberty Com	Renovated in 2008	0	\$ -	
Liberty Lab	RENOVATION Completed in 1998	0	\$ -	
Lincoln	NEW BUILDING Completed in 2000	0	\$ -	
Maintenance	Contingency, miscellaneous & unidentified items	0	\$ 54,641	CN
Marvine	NEW BUILDING Completed in 2001	0	\$ -	
Nitschmann	NEW BUILDING Completed in 2017	0	\$ -	
Northeast	New Building complete 2005	0	\$ -	
Stad-Mem Gym	Improve handicapped accessibility at Stadium (additional - phase 2)	0	\$ 682,997	HA
Stad-Mem Gym	Contingency, miscellaneous & unidentified items	0	\$ 467,066	CN
		TOTAL	\$ 3,156,470	
		GRAND TOTAL	\$ 135,263,257	

TAB 10

**SUMMARY OF A PROPOSED 5
YEAR PLAN**

BETHLEHEM AREA SCHOOL DISTRICT
 PROPOSED 2024 CAPITAL IMPROVEMENT PROJECTS
 PENDING FISCAL STRATEGY FOR IMPLEMENTATION

November 3, 2025

	Schools	Approx. Date Listed on Capital Plan	Major Remaining Projects	Project Budget & With Fees & Contingency	2026	2027	2028	2029	2030
1	Fountain Hill ES	1990	Renovation / Reconstruction	\$ 62,037,000.00					
2	Thomas Jefferson	1990	Renovation / Reconstruction	\$ 43,146,800.00	TBD	TBD	TBD	TBD	TBD
3	William Penn	1990	Renovation / Reconstruction	\$ 43,146,800.00	TBD	TBD	TBD	TBD	TBD
4	Freedom HS	2005	HVAC & Misc.	\$ 58,291,954.96	TBD	TBD	TBD	TBD	TBD
5	East Hills MS	2005	HVAC & Misc.	\$ 12,703,795.09	TBD	TBD	TBD	TBD	TBD
6	Education Ctr	2008	HVAC & Misc.	TBD	TBD	TBD	TBD	TBD	TBD
	Schools	Approx. Date Listed on Capital Plan	Capital Projects	Project Budget & With Fees & Contingency	2026	2027	2028	2029	2030
7	Various	1990	Mechanical and electrical repairs	TBD	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
8	Various	1990	Replace flooring	TBD	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
9	Various	1990	Paving and concrete repairs	TBD	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000
10	Various	1990	Asbestos & miscellaneous environmental	TBD	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
11	Various	1990	Masonry and roof repairs	TBD	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
12	Various	2015	Roof coatings to preserve warranty	TBD	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
13	Various	2012	Security upgrades (cameras, vestibules, etc.)	TBD	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Funds from General Operating Budget					\$ 790,000.00	\$ 790,000.00	\$ 790,000.00	\$ 790,000.00	\$ 790,000.00
14	Asa Packer	2025	Clock and Intercom Replacement	\$ 48,000	\$ 48,000				
15	Farmersville	2025	Clean and Seal Exterior Split face CMU	\$ 70,000	\$ 70,000				
16	Freedom	2025	Replace Natatorium Dehumidification Unit	\$ 200,000	\$ 200,000				
17	Freedom	2023	Upgrade fire alarm system panel	\$ 168,087	\$ 168,087				
18	Liberty Comm	2025	Replace Two Small Roofs at front of building & Flat Roofs at Bridge to Classroom	\$ 100,000	\$ 100,000				
19	Maintenance		Reconstruct bituminous paving at rear	\$ 100,000	\$ 100,000				
20	Spring Garden	2025	Replace Domestic Hot Water Heater	\$ 156,000	\$ 156,000				
21	Stad-Mem Gym		Replace turf	\$ 650,000	\$ 650,000				
22	Transportation Fac.	2025	Install Emergency Generator & Transfer Switch From Fountain Hill ES	\$ 70,000	\$ 70,000				
23	Transportation Fac.	2025	Provide additional parking and sidewalks for staff	\$ 200,000	\$ 200,000				
24	District Wide	2025	Access Controls Improvements	\$ 250,000	\$ 250,000				
25	District Wide	2025	Floor Finish Replacement	\$ 150,000	\$ 150,000				
26	Clearview	2023	Repair and recoat roof for extended warranty (2020)	\$ 453,766		\$ 476,454			
27	Donegan	2025	Replace Domestic Hot Water Heater	\$ 156,000		\$ 163,800			
28	Liberty Lab		Replace Chillers, Pumps and Related Equipment (Partial Payment with Grant)	\$ 910,000		\$ 955,500			
29	Miller Heights	2023	Repair and recoat roof for extended warranty (2019) at addition	\$ 74,728		\$ 78,465			
30	Northeast		Interior painting	\$ 566,961		\$ 595,309			
31	Spring Garden	2023	Repair and recoat roof for extended warranty (2020)	\$ 113,248		\$ 118,911			
32	Education Ctr	2023	Replace slate roof portion	\$ 144,703			\$ 159,535		
33	Education Ctr	2023	Replace windows in 1971 addition	\$ 157,500			\$ 173,644		
34	Education Ctr		Replace windows in original building	\$ 557,813			\$ 614,988		
35	Education Ctr	2023	Point exterior masonry and repairs	\$ 456,076			\$ 502,824		
36	Liberty Class	2023	Repair and recoat roof for extended warranty (2020)	\$ 182,971			\$ 201,725		
37	Stad-Mem Gym		Replace track	\$ 275,000			\$ 303,188		
38	Freedom	2013	Replace chillers, pumps and piping in original building mechanical room.	\$ 3,034,907				\$ 3,513,284	
39	Spring Garden	2023	Reconstruct miscellaneous concrete work at entrances	\$ 59,514				\$ 68,895	
40	Buchanan	2023	Repair and recoat roof for extended warranty (2018)	\$ 274,262					\$ 333,367
41	Freemansburg	2023	Repair and recoat roof (Area A) for extended warranty (2020)	\$ 138,672					\$ 168,557
42	Lincoln	2023	Repair and recoat roof for extended warranty (2020)	\$ 507,839					\$ 617,282
43	Transportation Fac.	2023	Replace fencing around entire area	\$ 267,810					\$ 325,525
TOTAL				\$ 10,445,856	\$ 2,162,087	\$ 2,388,438	\$ 1,955,903	\$ 3,582,179	\$ 1,444,730
Capital Reserve Funds Available					TBD				

All of the projects and funds assigned are subject to change based on the Annual Capital Improvements update and based on the needs at various facilities, such as roofing, mechanical, etc.

TAB 11

**SUMMARY OF AHERA ASBESTOS
INSPECTION
REPORT PREPARED BY SPOTTS,
STEVENS & MCCOY JUNE 2024**

RECEIVED JUL 03 2024

Spotts, Stevens and McCoy
1047 N. Park Road > Reading PA 19610-0307
610.621.2000 > F. 610.621.2001 > SSMGROUP.COM



June 27, 2024

Mr. Mark Stein
Chief Facilities and Operations Officer
Facilities Department
Bethlehem Area School District
250 East Fairview Street
Bethlehem, PA. 18018
[mstein@beth.k12.pa.us]

RE: June 2024 AHERA 3-Year Asbestos Re-Inspection
SSM File 107581.0023

Dear Mr. Stein:

Enclosed please find two (2) copies of the June 2024 Asbestos Hazard Emergency Response Act (AHERA) 3-year asbestos re-inspection report. This report has been updated following the AHERA 3-year re-inspections performed by Spotts, Stevens and McCoy (SSM) on June 17, 2024, and June 20, 2024. As required by the AHERA regulations, one (1) copy of each building report is to be filed in a central location at that particular building. The bound copy of the overall report is to be inserted into your central asbestos file (with the Asbestos Coordinator).

The AHERA 3-year re-inspection of the Bethlehem Area School District was conducted by Mr. David Kuchinski. Mr. Kuchinski is an EPA AHERA Accredited Building Inspector, who is also licensed in the same capacity by the Pennsylvania Department of Labor and Industry (PaDLI). The Management Plan pages were updated by Mr. David L. Kuchinski, an EPA AHERA accredited Management Planner, who is also licensed in the same capacity by the PaDLI. Enclosed you will find copies of his certifications and licenses for inclusion in your updated Management Plans.

SSM conducted a room-by-room inspection of all buildings under the jurisdiction of the Bethlehem Area School District that have ACM remaining, in order to locate and assess changes in condition from the previous 3-year re-inspection. Included with this report are Table 1 (Room by Room Inventory of ACM), Table 4-1 (Room-by-Room Inventory of ACM), Table 6-1 (Recommended Minimum Response Actions) and Table 6-2 (Response Actions Taken since the Previous Re-Inspection).

The following Buildings under the jurisdiction of the Bethlehem Area School District that have ACM remaining are listed below:

- Freedom High School
- Bethlehem Area School District Administration Building
- Bethlehem Area School District Maintenance Building
- Thomas Jefferson Elementary School
- William Penn Elementary School
- Fountain Hill Elementary School
- Asa Packer Elementary School
- East Hills Middle School
- Colonial Intermediate Unit #20



We would like to thank you and your staff for your help during this re-inspection project. Should you have any questions or require additional information, please call me at your earliest convenience.

Very truly yours,
Spotts, Stevens and McCoy

A handwritten signature in black ink, appearing to read "D. Kuchinski", written in a cursive style.

David L. Kuchinski
Industrial Hygienist
dave.kuchinski@ssmgroup.com

Enclosure



June 2024 AHERA 3-Year Asbestos
Re-Inspection Report

Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

June 2024 AHERA 3-Year Asbestos Re-Inspection Report

Prepared for: Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

Prepared by: Spotts, Stevens and McCoy



David L. Kuchinski, Management Planner.
Pa. Certification No. 031173

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SSM File 107581.0023

AHERA 3-Year Re-inspection June 2024

Bethlehem Area School District

Table of Contents

1.0	Introduction and Summary	1
	Scope of Work.....	1
	Methodology for AHERA 3-Year Reinspection	1
	Glossary of Terms	2
	Asbestos Exposure Assessment Algorithm Variables.....	3
2.0	Summary of Damaged Asbestos Containing Material	5
3.0	Building Reports.....	6

Freedom High School

Executive Summary
Table 4-1
Room by Room Inventory of ACM
Table 6-1
Table 6-2
Accreditations

East Hills Middle School

Executive Summary
Table 4-1
Room by Room Inventory of ACM
Table 6-1
Table 6-2
Accreditations

Asa Packer Elementary School

Executive Summary
Table 4-1
Room by Room Inventory of ACM
Table 6-1
Table 6-2
Accreditations

Fountain Hill Elementary School

Executive Summary
Table 4-1
Room by Room Inventory of ACM
Table 6-1
Table 6-2

Accreditations

Thomas Jefferson Elementary School

Executive Summary
Table 4-1
Room by Room Inventory of ACM
Table 6-1
Table 6-2
Accreditations

William Penn Elementary School

Executive Summary
Table 4-1
Room by Room Inventory of ACM
Table 6-1
Table 6-2
Accreditations

Colonial IU #20

Executive Summary
Table 4-1
Room by Room Inventory of ACM
Table 6-1
Table 6-2
Accreditations

Bethlehem Area School District Administration Building

Executive Summary
Table 4-1
Room by Room Inventory of ACM
Table 6-1
Table 6-2
Accreditations

Bethlehem Area School District Maintenance Building

Executive Summary
Table 4-1
Room by Room Inventory of ACM
Table 6-1
Table 6-2
Accreditations

1.0 Introduction and Summary

Scope of Work

Spotts, Stevens and McCoy (SSM) was contracted by Bethlehem Area School District to conduct an AHERA 3-Year Re-inspection of their facilities. The re-inspection was conducted in accordance with EPA 40 CFR, Part 763, commonly referred to as “AHERA”, and encompassed the following buildings which are under the jurisdiction of Bethlehem Area School District:

- Freedom High School
- Bethlehem Area School District Administration Building
- Bethlehem Area School District Maintenance Building
- Thomas Jefferson Elementary School
- William Penn Elementary School
- Fountain Hill Elementary School
- Asa Packer Elementary School
- East Hills Middle School
- Colonial Intermediate Unit #20

Methodology for AHERA 3-Year Reinspection

This 3-Year Re-inspection included the following tasks:

Task 1 - Review previous inspections/reinspections as well as response actions undertaken at the buildings.

Task 2 - Re-inspections of your buildings conducted by EPA AHERA Accredited Building Inspectors (who are also licensed in the same capacity by the Pennsylvania Department of Labor and Industry). During the re-inspections, the building inspectors verified locations and quantities of ACM, noted changes in ACM conditions compared to previous inspections/re-inspections, identified suspect materials that were not previously identified and noted areas where ACM has been removed.

SSM utilized the existing AHERA Management Plans and subsequent 3-Year Re-inspection Reports as a guide for locations, quantifying and assessing ACM. To that end, SSM’s inspectors

were only required, per AHERA regulations, to physically inspect and assess known and identified ACM, and therefore, may not have entered all rooms in a building.

Task 3 - Preparation of AHERA 3-Year re-inspection reports which include the following:

- Executive Summary
- Room by Room Inventory of ACM
- Summary of ACM Remaining – Table 4-1
- Recommended Minimum Response Actions – Section 6-1
- Response Actions Taken Since the Previous Re-Inspection – Section 6-2
- Estimated Budgetary Costs for Removal of ACM - Table 7-1

Glossary of Terms

ACM - Asbestos Containing Material

Aircell - A type of corrugated thermal insulation generally performed in sections for piping and vessel insulation. Similar in appearance to corrugated cardboard.

Cal Sil - Short for calcium silicate. This designation is used for any performed, whitish, plaster-like thermal insulation used to insulate piping, or any performed block or curved insulation used to insulate tanks, boilers, flues or ducts. Types of insulation included in this designation are also known as magnesia, performed and hard case insulation.

Fitting Insulation - Also known as insulator's mud. This material is similar to plaster of Paris and is a type of thermal insulation generally shaped by hand to insulate unusual piping shapes such as elbows, fittings and valves. It was also used as a finished coat on other types of insulation such as cal sil, fiberglass and cork.

Friable - Material that, when dry, may be crumbled, pulverized or reduced to powder by hand pressure.

Friable Surfacing ACM - Friable ACM which was used as a surfacing material such as acoustical plaster or fireproofing.

Homogeneous Area - An area that contains material which appears to be uniform in appearance and texture and installed at one time.

Layered Paper - Generally used on low temperature pipes. This insulation has the appearance of multiple layers of craft paper. It was also known as "felt wrap".

Miscellaneous ACM - Material which does not fit under the category of Friable Surfacing ACM or Thermal ACM Insulation.

Non-friable - Material that, when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure.

Thermal Insulation - Insulation such as pipe and boiler insulation whose purpose is to impede the flow of heat.

Transite - This is a product name commonly applied to cementitious types of asbestos board.

Refractory - Cementitious thermal insulation predominantly used in boiler fire boxes.

VAT - Vinyl Asbestos Tile - Common sizes are 9" x 9" and 1' x 1' but it also occurs as 6" x 6".

Asbestos Exposure Assessment Algorithm Variables

DC - Damaged Condition

DC Values

0,1,2 Undamaged material.

3,5 Damaged material.

7,10 Significantly damaged material

E - Exposure factor.

AT - Level of activity within a functional area.

AF - Airflow factor.

PD - Potential of future damage.

PD Values

- 0,1 No potential damage.
- 2,3 Potential damage.
- 4,5 Potential significant damage.

F - Friability factor. A value of 3 or above means this material is friable. Below 3, the material is non-friable.

PA - Percent asbestos.

2.0 Summary of Damaged Asbestos Containing Material

No damaged asbestos-containing materials were discovered during the June 2024 AHERA 3-Year Re-inspection.

3.0 Building Reports

Each individual building will follow with the following headings:

- Executive Summary
- Summary of Remaining Asbestos Containing Materials (ACM) and Location (Table 4-1)
- Room By Room Inventory of ACM
- Response Actions (Table 6-1)
- Response Actions Taken Since Previous Re-inspection (Table 6-2)
- Accreditations





June 2024 AHERA 3-Year Asbestos
Re-Inspection Report for the
Freedom High School

Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

June 2024 AHERA 3-Year Asbestos Re-Inspection Report for the Freedom High School

Prepared for: Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

Prepared by: Spotts, Stevens and McCoy



David L. Kuchinski, Asbestos Management Planner;
Pa. Certification No. 031173

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SSM File 107581.0023

BETHLEHEM AREA SCHOOL DISTRICT
FREEDOM HIGH SCHOOL
AHERA 3-YEAR ASBESTOS RE-INSPECTION REPORT
JUNE 2024

EXECUTIVE SUMMARY

The AHERA 3-Year Asbestos Re-Inspection of the Freedom High School was conducted by Mr. David L. Kuchinski on June 17, 2024. Mr. Kuchinski is an EPA AHERA accredited Building Inspector (BI), who is also licensed in the same capacity by the Pennsylvania Department of Labor and Industry (PaDLI). The re-inspection was performed in accordance with EPA 40 CFR, Part 763, which is commonly referred to as AHERA.

During the re-inspection, Mr. Kuchinski identified and assessed the condition of all known ACM, as noted in the re-inspection. Also noted in **bold text**, are damaged Asbestos Containing Materials (ACM) that are present in the building, which were either identified in a previous inspection or during this inspection. In areas where Spotts, Stevens and McCoy (SSM) could not identify ACM, a note was added in the “comments” section of the room-by-room computer inventory.

From July 19, 2021 through July 22, 2021, an asbestos abatement project was performed in Room 207. The project involved the removal and disposal of approximately 2,500 square feet of asbestos-containing floor tile and mastic

From July 15, 2022 through July 17, 2022, an asbestos abatement project was performed in Art Rooms 201 and 202, The project involved the removal and disposal of approximately 2,700 square feet of asbestos-containing floor tile and mastic.

From October 8, 2022 through October 9, 2022, an asbestos abatement project was performed in the Room 104, Planetarium Hallway. The project involved the removal and disposal of approximately 540 square feet of asbestos-containing floor tile and associated mastic.

From December 26, 2022 through December 30, 2022 an asbestos abatement project was performed at the Freedom High School. The abatement project involved the removal and disposal of approximately 2,200 square feet of asbestos-containing floor tile and associated mastic from the 2nd Floor Guidance Area.

On August 3, 2023 an asbestos abatement project was performed at the Freedom High School. The project involved the removal and disposal of approximately 120 square feet of asbestos-containing blackboard adhesive from Rooms 201,202 and 230 and 5 sections of fitting insulation from the Hallway outside the Library

TABLE 4-1

BETHLEHEM AREA SCHOOL DISTRICT
FREEDOM HIGH SCHOOL

SUMMARY OF ACM

<u>Material Description</u>	<u>Type</u>	<u>Estimated Quantity</u>
Floor Tile and Mastic	M	21,723 S.F.
Fitting Insulation on FGIP	T	67 Ea. (Estimated)
Thermal Pipe Insulation	T	Unknown
Roof Drain Fitting Insulation	T	6 Ea.
Blackboard Adhesive*	M	Not quantified
Transite Fume Hood Panels*	M	190 S.F.
Transite Drying Racks*	M	18 S.F.
Transite Table Topps*	M	132 S.F.

*Material is *assumed* to contain asbestos

M = Miscellaneous ACM

T = Thermal Insulation

FGIP = Fiberglass Insulated Pipe

Table 1: Room By Room Inventory of ACM for the Freedom High School

School	Location	Material Description	Quantity	LS	DC	E	AT	AF	PD	F	Comments
Freedom HS	Auditorium Balcony	9"x9" Floor Tile and Mastic	670	S	0	1	2	1	2	2	
Freedom HS	Auditorium Box Office	9"x9" Floor Tile and Mastic	595	S	0	1	2	1	2	2	
Freedom HS	Auditorium Mezzanine	Roof Drain Fittings	6	Ea	1	1	2	1	2	2	Discovered February 2021
Freedom HS	Conference Room	9"x9" Floor Tile and Mastic	252	S	0	1	2	1	2	2	
Freedom HS	Guidance Office A	9"x9" Floor Tile and Mastic	155	S	0	1	2	1	2	2	
Freedom HS	Guidance Office B	9"x9" Floor Tile and Mastic	155	S	0	1	2	1	2	2	
Freedom HS	Guidance Office C	9"x9" Floor Tile and Mastic	155	S	0	1	2	1	2	2	
Freedom HS	Guidance Office D	9"x9" Floor Tile and Mastic	225	S	0	1	2	1	2	2	
Freedom HS	Hall behind Elevator	Thermal Pipe Insulation	**	S	0	1	2	1	2	2	Quantity unknown
Freedom HS	Hall behind Elevator	Fitting Insulation	**	Ea	0	1	2	1	2	2	Quantity unknown
Freedom HS	Kitchen Stairwell	9"x9" Floor Tile and Mastic	600	S	0	1	2	1	2	2	Best to access from Boiler Room Hallway
Freedom HS	Librarian Office	9"x9" Floor Tile and Mastic	200	S	0	1	2	1	2	2	
Freedom HS	Library Secretary	9"x9" Floor Tile and Mastic	154	S	0	1	2	1	2	2	
Freedom HS	Nurse's Suite	9"x9" Floor Tile and Mastic	1,180	S	0	1	2	1	2	2	
Freedom HS	Old Concession Stand	9"x9" Floor Tile and Mastic	300	S	0	1	2	1	2	2	
Freedom HS	Periodicals	9"x9" Floor Tile and Mastic	500	S	0	1	2	1	2	2	
Freedom HS	Room 101	9"x9" Floor Tile and Mastic	1,000	S	0	1	2	1	2	2	
Freedom HS	Room 101- Assistant Principal	9"x9" Floor Tile and Mastic	385	S	0	1	2	1	2	2	Located under carpet
Freedom HS	Room 101 Bathrooms (2)	9"x9" Floor Tile and Mastic	60	S	0	1	2	1	2	2	
Freedom HS	Room 101- Hallway	9"x9" Floor Tile and Mastic	135	S	0	1	2	1	2	2	Located under carpet
Freedom HS	Room 101- Office	9"x9" Floor Tile and Mastic	310	S	0	1	2	1	2	2	Located under carpet
Freedom HS	Room 102	9"x9" Floor Tile and Mastic	250	S	0	1	2	1	2	2	Located under carpet
Freedom HS	Room 102- Kitchenette	9"x9" Floor Tile and Mastic	224	S	0	1	2	1	2	2	
Freedom HS	Room 102 Office	9"x9" Floor Tile and Mastic	180	S	0	1	2	1	2	2	Located under carpet
Freedom HS	Room 105- Lecture Room	9"x9" Floor Tile and Mastic	1,080	S	0	1	2	1	2	2	
Freedom HS	Room 105- Lecture Room	Transite Table Tops	12	S	0	1	2	1	2	2	Discovered July 2021
Freedom HS	Room 106	9"x9" Floor Tile and Mastic	560	S	0	1	2	1	2	2	
Freedom HS	Room 107 (Custodial Closet)	Fitting Insulation	3	Ea	0	1	2	1	2	2	Discovered July 2020
Freedom HS	Room 110	Transite Drying Rack	6	S	0	1	2	1	2	2	Assumed, Added July 2019
Freedom HS	Room 110	Transite Table Tops	120	S	0	1	2	1	2	2	Assumed, Added July 2019
Freedom HS	Room 108- Mail Room	9"x9" Floor Tile and Mastic	132	S	0	1	2	1	2	2	
Freedom HS	Room 118	Transite Fume Hood Panels	75	S	0	1	2	1	2	2	
Freedom HS	Room 118	Transite Drying Rack	6	S	0	1	2	1	2	2	Assumed to be ACM
Freedom HS	Room 119- Student Projects	Transite Fume Hood Panels	40	S	0	1	2	1	2	2	
Freedom HS	Room 120	Transite Fume Hood Panels	75	S	0	1	2	1	2	2	
Freedom HS	Room 120	Transite Drying Rack	6	S	0	1	2	1	2	2	Assumed to be ACM
Freedom HS	Room 124-Dark Room	9"x9" Floor Tile and Mastic	192	S	0	1	2	1	2	2	Under Carpet
Freedom HS	Room 125 A	1"x1" Floor Tile and Mastic	780	S	0	1	2	1	2	2	
Freedom HS	Room 125 B	1"x1" Floor Tile and Mastic	800	S	0	1	2	1	2	2	
Freedom HS	Room 125 C	1"x1" Floor Tile and Mastic	800	S	0	1	2	1	2	2	
Freedom HS	Room 125 D	9"x9" Floor Tile and Mastic	712	S	0	1	2	1	2	2	
Freedom HS	Room 125 E	9"x9" Floor Tile and Mastic	480	S	0	1	2	1	2	2	
Freedom HS	Room 125 F	9"x9" Floor Tile and Mastic	170	S	0	1	2	1	2	2	
Freedom HS	Room 126	9"x9" Floor Tile and Mastic	522	S	0	1	2	1	2	2	
Freedom HS	Room 127- Audio Visual	9"x9" Floor Tile and Mastic	390	S	0	1	2	1	2	2	
Freedom HS	Athletic Equipment Storage Room	Fitting Insulation	20	S	0	1	2	1	2	2	Discovered December 2021
Freedom HS	Room 215	9"x9" Floor Tile and Mastic	745	S	0	1	2	1	2	2	Located under carpet
Freedom HS	Room 221	9"x9" Floor Tile and Mastic	500	S	0	1	2	1	2	2	
Freedom HS	Room 222	9"x9" Floor Tile and Mastic	450	S	0	1	2	1	2	2	6 Missing tiles
Freedom HS	Room 228	1"x1" Floor Tile and Mastic	745	S	0	1	2	1	2	2	Showing ware at chairs
Freedom HS	Pipe Chase Adjacent to 211	Fitting Insulation	22	S	0	1	2	1	2	2	Discovered July 2021

FGIP = Fiberglass Insulated Pipe
 **= Not quantified, Assumed

Table 1: Room By Room Inventory of ACM for the Freedom High School

School	Location	Material Description	Quantity	LS	DC	E	AT	AF	PD	F	Comments
Freedom HS	242 Pipe Chase	Fitting Insulation	12	S	0	1	2	1	2	2	Discovered July 2021
Freedom HS	Stairwell to Pool Chemical Storage (Basement)	9"x9" Floor Tile and Mastic	110	S	0	1	2	1	2	2	
Freedom HS	Room 401	9"x9" Floor Tile and Mastic	1,300	S	0	1	2	1	2	2	
Freedom HS	Room 402- Restroom	9"x9" Floor Tile and Mastic	10	S	0	1	2	1	2	2	
Freedom HS	Room 406- Band Practice Room	9"x9" Floor Tile and Mastic	1,460	S	0	1	2	1	2	2	
Freedom HS	Room 406- Band Room and Offices	9"x9" Floor Tile and Mastic	1,850	S	0	1	2	1	2	2	
Freedom HS	Room 407 Pipe Chase	Fitting Insulation	10	S	0	1	2	1	2	2	
Freedom HS	Server Room (next to 207)	9"x9" Floor Tile and Mastic	250	S	0	1	2	1	2	2	
Freedom HS	Throughout Building	Blackboard Adhesive	**	S	0	1	2	1	2	2	Assumed to be ACM, Not quantified
Freedom HS	Throughout Building	Thermal Pipe Insulation	**	S	0	1	2	1	2	2	Assumed in walls
Freedom HS	Throughout Building	Fitting Insulation	**	S	0	1	2	1	2	2	Assumed in walls

FGIP = Fiberglass Insulated Pipe
 **= Not quantified, Assumed

**TABLE 6-1
BETHLEHEM AREA SCHOOL DISTRICT
FREEDOM HIGH SCHOOL**

RECOMMENDED MINIMUM RESPONSE ACTIONS

<u>Material & Location</u>	<u>Estimated Quantity</u>	<u>Response Action</u>
Throughout Building Floor Tile and Mastic	21,723 S.F.	Handle under the O&M Program
Hall behind Elevator and Throughout Building, Pipe Chases (Unknown quantity assumed in walls and above plaster ceilings)		
Fitting Insulation on Fiberglass Insulated Pipe	67 Ea.	Handle under the O&M Program
Thermal Pipe Insulation	Unknown	Handle under the O&M Program
Auditorium Mezzanine Roof Drain Fittings	6 Ea.	Handle under the O&M Program
Rooms 118, 119, 120 and 105		
Transite Fume Hood Panels*	190 S.F.	Handle under the O&M Program
Transite Drying Racks*	18 S.F.	Handle under the O&M Program
Transite Table Tops*	12 S.F.	Handle under the O&M Program
Throughout Building Blackboard Adhesive*	Not quantified	Handle under the O&M Program

*Material is *assumed* to contain asbestos

TABLE 6-2

**BETHLEHEM AREA SCHOOL DISTRICT
FREEDOM HIGH SCHOOL**

RESPONSE ACTIONS TAKEN SINCE THE PREVIOUS REINSPECTION

The following response actions were taken in the Freedom High School since the previous 3-year AHERA Re-Inspection:

Removal of:

1. Approximately 2,700 square feet of asbestos-containing floor tile and mastic from Art Rooms 201 and 202.

- | | |
|-------------------------|--|
| 1. Dates of Work | July 15, 2022 through July 17, 2022 |
| 2. Abatement Contractor | Sargent Enterprise, Inc. (SEI)
616 North Street
Jim Thorpe, PA 19014 |
| 3. Disposal Site | Minerva Landfill
900 Minerva Road
Waynesburg, OH 44688 |
| 4. Air Monitoring | Air monitoring information is contained in the report submitted to the Bethlehem Area School District by Spotts, Stevens and McCoy Project No. 107581.0016 dated August 1, 2022. |

Removal of:

2. Approximately 540 square feet of asbestos-containing floor tile and associated mastic from Room 104, Planetarium Hallway.

1. Dates of Work October 8, 2022 through October 9, 2022.
2. Abatement Contractor Sargent Enterprise, Inc. (SEI)
616 North Street
Jim Thorpe, PA 19014
3. Disposal Site Minerva Landfill
900 Minerva Road
Waynesburg, OH 44688
4. Air Monitoring Air monitoring information is contained in the report submitted to the Bethlehem Area School District by Spotts, Stevens and McCoy
Project No. 107581.0019
dated October 12, 2022.

Removal of:

3. Approximately 2,200 square feet of asbestos-containing floor tile and associated mastic from the 2nd Floor Guidance Area.

1. Dates of Work December 26, 2022 through December 30, 2022.
2. Abatement Contractor Sargent Enterprise, Inc. (SEI)
616 North Street
Jim Thorpe, PA 19014
3. Disposal Site Minerva Landfill
900 Minerva Road
Waynesburg, OH 44688
4. Air Monitoring Air monitoring information is contained in the report submitted to the Bethlehem Area School District by Spotts, Stevens and McCoy
Project No. 107581.0020
dated January 9, 2023

Removal of:

4. 120 square feet of asbestos-containing blackboard adhesive from Rooms 201,202 and 230 and 5 sections of fitting insulation from the Hallway outside the Library.

1. Dates of Work August 3, 2023.
2. Abatement Contractor Sargent Enterprise, Inc. (SEI)
616 North Street
Jim Thorpe, PA 19014
3. Disposal Site Minerva Landfill
900 Minerva Road
Waynesburg, OH 44688
4. Air Monitoring Air monitoring information is contained
in the report submitted to the Bethlehem Area
School District by Spotts, Stevens and McCoy
Project No. 107581.0020
dated August 7, 2023.

Accreditations

PENNSYLVANIA ASBESTOS CERTIFICATION

031173

Birth Date
09/05/1965



DAVID L KUCHINSKI
402 W WYOMISSING BLVD
WEST LAWN PA 19609

Expires
09/12/2024

Issue Date
09/26/2023

Sex
M

Height
6'05"

Eyes
H2L

David L. Kuchinski

Class
INSPECTOR





June 2024 AHERA 3-Year Asbestos
Re-Inspection Report for the
East Hills Middle School

Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

June 2021 AHERA 3-Year Asbestos Re-Inspection Report for the East Hills Middle School

Prepared for: Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

Prepared by: Spotts, Stevens and McCoy



David L. Kuchinski, Asbestos Management Planner
Pa. Certification No. 031173

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SSM File 107581.0023

**BETHLEHEM AREA SCHOOL DISTRICT
EAST HILLS MIDDLE SCHOOL
AHERA 3-YEAR ASBESTOS RE-INSPECTION REPORT
JUNE 2024**

EXECUTIVE SUMMARY

The AHERA 3-Year Asbestos Re-Inspection of the East Hills Middle School was conducted by Mr. David L. Kuchinski on June 17, 2024. Mr. Kuchinski is an EPA AHERA accredited Building Inspector (BI), who is also licensed in the same capacity by the Pennsylvania Department of Labor and Industry (PaDLI). The re-inspection was performed in accordance with EPA 40 CFR, Part 763, which is commonly referred to as AHERA.

During the re-inspection, Mr. Kuchinski identified and assessed the condition of all known ACM, as noted in the re-inspection. Also noted in bold text, are damaged Asbestos Containing Materials (ACM) that are present in the building, which were either identified in a previous inspection or during this inspection. In areas where Spotts, Stevens and McCoy (SSM) could not identify ACM, a note was added in the “comments” section of the room-by-room computer inventory.

TABLE 4-1
BETHLEHEM AREA SCHOOL DISTRICT
EAST HILLS MIDDLE SCHOOL

SUMMARY OF ACM

<u>Material Description</u>	<u>Type</u>	<u>Estimated Quantity</u>
9"x9" Floor Tile and Mastic	M	5,738 S.F.
Transite Table Tops	M	1,586 S.F.
Blackboard Adhesive*	M	Unknown
Mastic under Wood Floor	M	1,500 S.F.
Fitting Insulation on FGIP*	T	18 Ea.

M= Miscellaneous Material
T=Thermal Material
*= Assumed to be ACM

Table 1: Room By Room Inventory of ACM for the East Hills Middle School

School	Location	Material Description	Quantity	LS	DC	E	AT	AF	PD	F	Comments
East Hills MS	Classroom 122	9"x9" Floor Tile and Mastic	460	S	0	1	2	1	2	2	Between Wood and Metal Shops
East Hills MS	Room 132 - Home Economics	9"x9" Floor Tile and Mastic	1,080	L	0	1	2	1	2	2	
East Hills MS	Room 144	Transite Table Tops	16	S	0	1	2	1	2	2	
East Hills MS	Room 202	9"x9" Floor Tile and Mastic	1,064	S	0	1	2	1	2	2	Few cracked tiles
East Hills MS	Room 202	Transite Table Tops	140	S	0	1	2	1	2	2	
East Hills MS	Room 204	Transite Table Tops	240	L	0	1	2	1	2	2	
East Hills MS	Room 204	9"x9" Floor Tile and Mastic	1,064	L	0	1	2	1	2	2	
East Hills MS	Room 204 Prep	Transite Table Tops	50	S	0	1	2	1	2	2	
East Hills MS	Room 206	Transite Table Tops	250	S	0	1	2	1	2	2	
East Hills MS	Room 206	9"x9" Floor Tile and Mastic	1,180	L	0	1	2	1	2	2	
East Hills MS	Room 206 Prep	Transite Table Tops	40	S	0	1	2	1	2	2	
East Hills MS	Room 222 Prep	Transite Table Tops	40	S	0	1	2	1	2	1	
East Hills MS	Room 225- Guidance Foyer	9"x9" Floor Tile and Mastic	200	S	0	1	2	1	2	2	Under carpet
East Hills MS	Room 226- Guidance Office	9"x9" Floor Tile and Mastic	200	S	0	1	2	1	2	2	Under carpet
East Hills MS	Room 235	9"x9" Floor Tile and Mastic	75	S	0	1	2	1	2	2	
East Hills MS	Room 302	Transite Table Tops	250	S	0	1	2	1	2	2	
East Hills MS	Room 304	Transite Table Tops	250	S	0	1	2	1	2	2	
East Hills MS	Room 306	Transite Table Tops	250	S	0	1	2	1	2	2	
East Hills MS	Room 306 Prep	Transite Table Tops	60	S	0	1	2	1	2	2	
East Hills MS	Room 325 (Faculty)	9"x9" Floor Tile and Mastic	60	S	0	1	2	1	2	2	
East Hills MS	Room 326	9"x9" Floor Tile and Mastic	355	S	0	1	2	1	2	2	
East Hills MS	Wood Shop	Mastic under Wood Floor	1,500	S	0	1	2	1	2	2	
East Hills MS	Garage (Custodial Offices)	Fitting Insulation on FGIP	18	Ea	1	1	2	1	2	1	
East Hills MS	Mechanical Room 231	Fitting Insulation on FGIP	5	Ea	1	1	2	1	2	1	Added June 2022
East Hills MS	Mechanical Room 212	Fitting Insulation on FGIP	14	Ea	1	1	2	1	2	1	Added June 2022
East Hills MS	Mechanical Room 312	Fitting Insulation on FGIP	12	Ea	1	1	2	1	2	1	Added June 2022
East Hills MS	Throughout School	Blackboard Adhesive	Unknown	S	0	1	2	1	2	2	Assumed, not quantified

**TABLE 6-1
BETHLEHEM AREA SCHOOL DISTRICT
EAST HILLS MIDDLE SCHOOL**

RECOMMENDED MINIMUM RESPONSE ACTIONS

<u>Material & Location</u>	<u>Estimated Quantity</u>	<u>Response Action</u>
Throughout Building 9"x9" Floor Tile and Mastic	4,498 S.F.	Handle under the O&M Program
Throughout Building Transite Table Tops	1,586 S.F.	Handle under the O&M Program
Throughout Building Blackboard Adhesive*	Unknown	Handle under the O&M Program
Custodial Office Fitting Insulation on FGIP*	18 Ea.	Handle under the O&M Program
Wood Shop Mastic Under Wood Floor	1,500 S.F.	Handle under the O&M Program

*= Assumed to be ACM

TABLE 6-2

**BETHLEHEM AREA SCHOOL DISTRICT
EAST HILLS MIDDLE SCHOOL**

RESPONSE ACTIONS TAKEN SINCE THE PREVIOUS REINSPECTION

There were no response actions were taken in the East Hills Middle School since the previous 3 year AHERA Re-Inspection.

Accreditations

PENNSYLVANIA ASBESTOS CERTIFICATION

031173

Birth Date
09/05/1965



DAVID L KUCHINSKI
402 W WYOMISSING BLVD
WEST LAWN PA 19609

Expires
09/12/2024

Issue Date
09/26/2023

Sex	Height	Eyes
M	6'05"	HZL

Signature

Class
INSPECTOR





June 2024 AHERA 3-Year Asbestos
Re-Inspection Report for the
Asa Packer Elementary School

Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

June 2024 AHERA 3-Year Asbestos Re-Inspection Report for the Asa Packer Elementary School

Prepared for: Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

Prepared by: Spotts, Stevens and McCoy



David L. Kuchinski, Asbestos Management Planner;
Pa. Certification No. 031173

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SSM File 107581.0023

**BETHLEHEM AREA SCHOOL DISTRICT
ASA PACKER ELEMENTARY SCHOOL
AHERA 3-YEAR ASBESTOS RE-INSPECTION REPORT
JUNE 2024**

EXECUTIVE SUMMARY

The AHERA 3-Year Asbestos Re-Inspection of the Asa Packer Elementary School was conducted by Mr. David L. Kuchinski on June 20, 2024. Mr. Kuchinski is an EPA AHERA accredited Building Inspector (BI), who is also licensed in the same capacity by the Pennsylvania Department of Labor and Industry (PaDLI). The re-inspection was performed in accordance with EPA 40 CFR, Part 763, which is commonly referred to as AHERA.

During the re-inspection, Mr. Kuchinski identified and assessed the condition of all known ACM, as noted in the re-inspection. Also noted in bold text, are damaged Asbestos Containing Materials (ACM) that are present in the building, which were either identified in a previous inspection or during this inspection. In areas where Spotts, Stevens and McCoy (SSM) could not identify ACM, a note was added in the “comments” section of the room-by-room computer inventory.

TABLE 4-1

**BETHLEHEM AREA SCHOOL DISTRICT
ASA PACKER ELEMENTARY SCHOOL**

SUMMARY OF ACM

<u>Material Description</u>	<u>Type</u>	<u>Estimated Quantity</u>
9"x9" Floor Tile and Mastic	M	420 S.F.
Ceiling Tile Adhesive*	M	Unknown

*Material is *assumed* to contain asbestos
M = Miscellaneous ACM

Table 1: Room By Room Inventory of ACM for the Asa Packer Elementary School

School	Location	Material Description	Quantity	LS	DC	E	AT	AF	PD	F	Comments
Asa Packer ES	Gym Office	9"x9" Floor Tile and Mastic	400	S	0	1	2	1	2	2	
Asa Packer ES	Behind Book Shelves in some Classrooms	Transite Panels	Unknown	S	0	0	0	1	2	1	Added summer of 2020

TABLE 6-1
BETHLEHEM AREA SCHOOL DISTRICT
ASA PACKER ELEMENTARY SCHOOL

RECOMMENDED MINIMUM RESPONSE ACTIONS

<u>Material & Location</u>	<u>Estimated Quantity</u>	<u>Response Action</u>
Gym Office and Rear Stage Landing 9"x9" Floor Tile and Mastic	420 S.F.	Handle under the O&M Program
Library and Main Hallway Ceiling Tile Adhesive*	Unknown	Handle under the O&M Program

TABLE 6-2

**BETHLEHEM AREA SCHOOL DISTRICT
ASA PACKER ELEMENTARY SCHOOL**

RESPONSE ACTIONS TAKEN SINCE THE PREVIOUS REINSPECTION

There were no response actions were taken in the Asa Packer Elementary School since the previous 3-year AHERA Re-Inspection.

Accreditations

PENNSYLVANIA ASBESTOS CERTIFICATION

031173

Birth Date
09/05/1965



DAVID L KUCHINSKI
402 W WYOMISSING BLVD
WEST LAWN PA 19609

Expires
09/12/2024

Issue Date
09/26/2023

Sex
M

Height
6' 05"

Eyes
H2L

Class
INSPECTOR





June 2024 AHERA 3-Year Asbestos
Re-Inspection Report for the
Fountain Hill Elementary School

Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

June 2024 AHERA 3-Year Asbestos Re-Inspection Report for the Fountain Hill Elementary School

Prepared for: Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

Prepared by: Spotts, Stevens and McCoy



David L. Kuchinski, Asbestos Management Planner;
Pa. Certification No. 031173

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SSM File 107581.0023

**BETHLEHEM AREA SCHOOL DISTRICT
FOUNTAIN HILL ELEMENTARY SCHOOL
AHERA 3-YEAR ASBESTOS RE-INSPECTION REPORT
JUNE 2024**

EXECUTIVE SUMMARY

The AHERA 3-Year Asbestos Re-Inspection of the Fountain Hill Elementary School was conducted by Mr. David L. Kuchinski on June 20, 2024. Mr. Kuchinski is an EPA AHERA accredited Building Inspector (BI), who is also licensed in the same capacity by the Pennsylvania Department of Labor and Industry (PaDLI). The re-inspection was performed in accordance with EPA 40 CFR, Part 763, which is commonly referred to as AHERA.

During the re-inspection, Mr. Kuchinski identified and assessed the condition of all known ACM, as noted in the re-inspection. Also noted in bold text, are damaged Asbestos Containing Materials (ACM) that are present in the building, which were either identified in a previous inspection or during this inspection. In areas where Spotts, Stevens and McCoy (SSM) could not identify ACM, a note was added in the “comments” section of the room-by-room computer inventory.

On August 3rd and 4th, 2023, an asbestos abatement project was performed at the Fountain Hill Elementary School. The abatement project involved the removal and disposal of approximately 120 square feet of asbestos-containing floor tile and associated mastic from Room 121.

TABLE 4-1

BETHLEHEM AREA SCHOOL DISTRICT
FOUNTAIN HILL ELEMENTARY SCHOOL

SUMMARY OF ACM

<u>Material Description</u>	<u>Type</u>	<u>Estimated Quantity</u>
9"x9" Floor Tile and Mastic	M	6,088 S.F.
Fitting Insulation on FGIP	T	34 Ea.
1'x1' Floor Tile and Mastic	M	8,804 S.F.
Flooring under Non-ACM Flooring	M	2,300 S.F.
Sprayed-on Fireproofing	S	1,200 S.F.
Thermal Pipe Insulation	T	52 L.F.
Thermal Pipe Insulation (in Walls)	T	Unknown
Transite Window Sills*	M	Unknown
Blackboard Adhesive*	M	Unknown

*Material is *assumed* to contain asbestos

M = Miscellaneous ACM

S= Surfacing Material

T = Thermal Insulation

FGIP = Fiberglass Insulated Pipe

Table 1: Room By Room Inventory of ACM for the Fountain Hill Elementary School

School	Location	Material Description	Quantity	LS	DC	E	A	T	A	F	PD	F	Comments
Fountain Hill ES	Basement Cafeteria	1'x1' Floor Tile and Mastic	2,835	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	1st Floor Pipe Chase	Fitting Insulation on FGIP	7	Ea	0	1	2	1	2	1	2	2	
Fountain Hill ES	3rd Floor Hallway	9'x9" Floor Tile and Mastic	1,430	S	0	1	2	1	2	1	2	2	4 SF Missing tiles at Custodial Closet, exposed mastic
Fountain Hill ES	Basement Hallways	1'x1' Floor Tile and Mastic	1,500	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Boiler Room	Sprayed-on Fireproofing	1,200	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Custodial Storage in Main Foyer	1'x1' Floor Tile and Mastic	75	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Gym Storage	Thermal Pipe Insulation	12	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Gym Storage	Fitting Insulation on FGIP	6	Ea	0	1	2	1	2	1	2	2	
Fountain Hill ES	Instrument Storage	1'x1' Floor Tile and Mastic	355	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Room 001	1'x1' Floor Tile and Mastic	884	S	0	1	2	1	2	1	2	1	
Fountain Hill ES	Room 002	1'x1' Floor Tile and Mastic	884	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Room 002/003 Closet	1'x1' Floor Tile and Mastic	265	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Room 003- Child Care	1'x1' Floor Tile and Mastic	884	S	0	1	2	1	2	1	2	2	Under carpet
Fountain Hill ES	Room 101	1'x1' Floor Tile and Mastic	132	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Room 115	9'x9" Floor Tile and Mastic	100	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Room 118	1'x1' Floor Tile and Mastic	100	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Room 119	Flooring Under non-ACM Tile	1,150	S	0	1	2	1	2	1	2	2	Discovered and added June 2022
Fountain Hill ES	Room 120	Flooring Under non-ACM Tile	1,150	S	0	1	2	1	2	1	2	2	Discovered and added June 2022
Fountain Hill ES	Room 200	1'x1' Floor Tile and Mastic	120	S	0	1	2	1	2	1	2	2	Chunk missing
Fountain Hill ES	Room 213	9'x9" Floor Tile and Mastic	1,012	S	0	1	2	1	2	1	2	2	Mostly under carpet
Fountain Hill ES	Room 209	1'x1' Floor Tile and Mastic	100	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Room 207	1'x1' Floor Tile and Mastic	150	S	0	1	2	1	2	1	2	2	Some holes in tiles
Fountain Hill ES	Room 214	1'x1' Floor Tile and Mastic	100	S	0	1	2	1	2	1	2	2	Some holes in tiles
Fountain Hill ES	Room 220	1'x1' Floor Tile and Mastic	120	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Room 301	9'x9" Floor Tile and Mastic	1,020	S	0	1	2	1	2	1	2	2	Under carpet, Added January 2019
Fountain Hill ES	Room 302	9'x9" Floor Tile and Mastic	530	S	0	1	2	1	2	1	2	2	Under carpet, Added June 2023
Fountain Hill ES	Room 305	9'x9" Floor Tile and Mastic	660	S	0	1	2	1	2	1	2	2	Under carpet, Added June 2023
Fountain Hill ES	Room 307	9'x9" Floor Tile and Mastic	760	S	0	1	2	1	2	1	2	2	Minor damage at entrance
Fountain Hill ES	School Psychologist	Fitting Insulation on FGIP	7	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	School Psychologist/IT Room	9'x9" Floor Tile and Mastic	85	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Former School Store	1'x1' Floor Tile and Mastic	60	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Former School Store	Thermal Pipe Insulation	40	S	0	1	2	1	2	1	2	2	Added June 2023
Fountain Hill ES	Stairwell near Art Room	9'x9" Floor Tile and Mastic	240	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Stairwell near Room 123	1'x1' Floor Tile and Mastic	240	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Stairwell near Room 207	9'x9" Floor Tile and Mastic	240	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Stairwell to Basement	Fitting Insulation on FGIP	2	S	0	1	2	1	2	1	2	2	
Fountain Hill ES	Throughout School	Transite Window Sills	**	S	0	1	2	1	2	1	2	2	Assumed, Added July 2019
Fountain Hill ES	Throughout School	Blackboard/Tack Board Mastic	**	S	0	1	2	1	2	1	2	2	Assumed, Added June 2022
Fountain Hill ES	Throughout School	Thermal Pipe Insulation	**	S	0	1	2	1	2	1	2	2	Inside walls and above plaster ceilings

FGIP = Fiberglass Insulated Pipe
 **= Not quantified, Assumed

**TABLE 6-1
BETHLEHEM AREA SCHOOL DISTRICT
FOUNTAIN HILL ELEMENTARY SCHOOL**

RECOMMENDED MINIMUM RESPONSE ACTIONS

<u>Material & Location</u>	<u>Estimated Quantity</u>	<u>Response Action</u>
Throughout Building		
9"x9" Floor Tile and Mastic	3,767 S.F.	Handle under the O&M Program
1'x1' Floor Tile and Mastic	8,954 S.F.	Handle under the O&M Program
Flooring under Non-ACM Flooring	2,300 S.F.	Handle under the O&M Program
School Psychologist, 1 st Floor Pipe Chase (Unknown quantity assumed in walls and above plaster ceilings)		
Thermal Pipe Insulation	52 L.F. (some unknown)	Handle under the O&M Program
Custodial Storage in Main Foyer, Gym Storage and Stairwell to Basement (Unknown quantity assumed in walls and above plaster ceilings)		
Fitting Insulation on FGIP	34 L.F.	Handle under the O&M Program
Boiler Room		
Sprayed-on Fireproofing	1,200 S.F.	Handle under the O&M Program
Throughout Building		
Transite Window Sills*	Unknown	Handle under the O&M Program
Throughout Building		
Blackboard Adhesive*	Unknown	Handle under the O&M Program

*Material is assumed to contain asbestos
FGIP= Fiberglass Insulated Pipe

Revised 6/2024 per findings of
AHERA 3-Year Reinspection

TABLE 6-2

**BETHLEHEM AREA SCHOOL DISTRICT
FOUNTAIN HILL ELEMENTARY SCHOOL**

RESPONSE ACTIONS TAKEN SINCE THE PREVIOUS REINSPECTION

There were no response actions taken in the Fountain Hill Elementary School since the previous 3-year AHERA Re-Inspection.

Removal of:

1. Approximately 120 square feet of asbestos-containing floor tile and associated mastic from Room 121.

- | | |
|-------------------------|--|
| 1. Dates of Work | August 3 rd and 4 th , 2023 |
| 2. Abatement Contractor | Sargent Enterprise, Inc. (SEI)
616 North Street
Jim Thorpe, PA 19014 |
| 3. Disposal Site | Minerva Landfill
900 Minerva Road
Waynesburg, OH 44688 |
| 4. Air Monitoring | Air monitoring information is contained
in the report submitted to the Bethlehem Area
School District by Spotts, Stevens and McCoy
Project No. 107581.0021
dated August 7, 2023. |

Accreditations

PENNSYLVANIA ASBESTOS CERTIFICATION

031173

Birth Date
09/05/1965



DAVID L KUCHINSKI
402 W WYOMISSING BLVD
WEST LAWN PA 19609

Expires
09/12/2024

Issue Date
09/26/2023

Sex
M

Height
6'-05"

Eyes
Hazel

David L. Kuchinski

Class
INSPECTOR





June 2024 AHERA 3-Year Asbestos
Re-Inspection Report for the
Thomas Jefferson Elementary School

Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

June 2024 AHERA 3-Year Asbestos Re-Inspection Report for the Thomas Jefferson Elementary School

Prepared for: Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

Prepared by: Spotts, Stevens and McCoy



David L. Kuchinski, Asbestos Management Planner;
Pa. Certification No. 031173

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SSM File 107581.0023

**BETHLEHEM AREA SCHOOL DISTRICT
THOMAS JEFFERSON ELEMENTARY SCHOOL
AHERA 3-YEAR ASBESTOS RE-INSPECTION REPORT
JUNE 2024**

EXECUTIVE SUMMARY

The AHERA 3-Year Asbestos Re-Inspection of the Thomas Jefferson Elementary School was conducted by Mr. David L. Kuchinski on June 20, 2024. Mr. Kuchinski is an EPA AHERA accredited Building Inspector (BI), who is also licensed in the same capacity by the Pennsylvania Department of Labor and Industry (PaDLI). The re-inspection was performed in accordance with EPA 40 CFR, Part 763, which is commonly referred to as AHERA.

During the re-inspection, Mr. Kuchinski identified and assessed the condition of all known ACM, as noted in the re-inspection. Also noted in bold text, are damaged Asbestos Containing Materials (ACM) that are present in the building, which were either identified in a previous inspection or during this inspection. In areas where Spotts, Stevens and McCoy (SSM) could not identify ACM, a note was added in the “comments” section of the room-by-room computer inventory.

TABLE 4-1

**BETHLEHEM AREA SCHOOL DISTRICT
THOMAS JEFFERSON ELEMENTARY SCHOOL**

SUMMARY OF ACM

<u>Material Description</u>	<u>Type</u>	<u>Estimated Quantity</u>
1'x1' Floor Tile and Mastic	M	5,420 S.F.
Fitting Insulation on FGIP	T	19 Ea.

M = Miscellaneous ACM
T = Thermal Insulation
FGIP = Fiberglass Insulated Pipe

Table 1: Room By Room Inventory of ACM for the Thomas Jefferson Elementary School

School	Location	Material Description	Quantity	LS	DC	E	AT	AF	PD	F	Comments
Thomas Jefferson ES	Custodian Room	Fitting Insulation on FGIP	8	L	0	1	2	1	2	2	5 located above drop ceiling
Thomas Jefferson ES	Custodian Room	Fitting Insulation on FGIP	1	L	2	1	2	1	3	2	Cover torn, temporary duct tape repair
Thomas Jefferson ES	Cafeteria	1'x1' Floor Tile and Mastic	1,560	S	0	1	2	1	2	2	
Thomas Jefferson ES	Cafeteria	1'x1' Floor Tile and Mastic	5	S	2	1	2	1	2	2	Cracks & chunks missing
Thomas Jefferson ES	Cafeteria Foyer	1'x1' Floor Tile and Mastic	90	S	0	1	2	1	2	2	
Thomas Jefferson ES	Cafeteria Foyer	Fitting Insulation on FGIP	4	S	0	1	2	1	2	2	
Thomas Jefferson ES	Room 107	1'x1' Floor Tile and Mastic	240	S	0	1	2	1	2	1	
Thomas Jefferson ES	Right Side Classrooms (108, 109, 110)	1'x1' Floor Tile and Mastic	530	S	0	1	2	1	2	2	
Thomas Jefferson ES	Left Side Classrooms (102, 103, 104)	1'x1' Floor Tile and Mastic	530	L	0	1	2	1	2	2	
Thomas Jefferson ES	Right Side Coat Closets	1'x1' Floor Tile and Mastic	170	L	0	1	2	1	2	2	
Thomas Jefferson ES	Left Side Coat Closets	1'x1' Floor Tile and Mastic	170	S	0	1	2	1	2	2	
Thomas Jefferson ES	2nd Floor Right Side Classrooms (201, 202, 203)	1'x1' Floor Tile and Mastic	530	S	0	1	2	1	2	2	Few chunks missing
Thomas Jefferson ES	2nd Floor Left Side Classrooms (204, 205, 206)	1'x1' Floor Tile and Mastic	530	S	0	1	2	1	2	2	Few cracks
Thomas Jefferson ES	Nurse's Office and Conference Room	1'x1' Floor Tile and Mastic	1,065	S	0	1	2	1	2	2	
Thomas Jefferson ES	Above 1st Floor Ceiling	Fitting Insulation on FGIP	Unknown	S	0	1	2	1	2	2	Assumed above ceilings and behind walls
Thomas Jefferson ES	Door 7 Vestibule	1'x1' Floor Tile and Mastic	176	S	0	1	2	1	2	2	
Thomas Jefferson ES	Paper Storage	1'x1' Floor Tile and Mastic	130	S	0	1	2	1	2	2	
Thomas Jefferson ES	Paper Storage	Fitting Insulation on FGIP	6	S	0	1	2	1	2	2	At water heater & above ceiling
Thomas Jefferson ES	Gym Storage	1'x1' Floor Tile and Mastic	300	S	0	1	2	1	2	2	

**TABLE 6-1
BETHLEHEM AREA SCHOOL DISTRICT
THOMAS JEFFERSON ELEMENTARY SCHOOL**

RECOMMENDED MINIMUM RESPONSE ACTIONS

<u>Material & Location</u>	<u>Estimated Quantity</u>	<u>Response Action</u>
Throughout Building 1'x1' Floor Tile and Mastic	5,420 S.F.	Handle under the O&M Program
Throughout Building (Unknown Amount in walls and above ceilings) Fitting Insulation on FGIP	19 S.F.	Handle under the O&M Program

FGIP= Fiberglass insulated pipe

TABLE 6-2

**BETHLEHEM AREA SCHOOL DISTRICT
THOMAS JEFFERSON ELEMENTARY SCHOOL**

RESPONSE ACTIONS TAKEN SINCE THE PREVIOUS REINSPECTION

There were no response actions taken in the Thomas Jefferson Elementary School since the previous 3-year AHERA Re-Inspection.

Accreditations

PENNSYLVANIA ASBESTOS CERTIFICATION

031173

Birth Date
09/05/1965



DAVID L. KUCHINSKI
402 W WYOMISSING BLVD
WEST LAWN PA 19609

Expires
09/12/2024

Issue Date
09/26/2023

Sex Height
M 6' 05"

Eyes
H2L

Signature

Class
INSPECTOR





June 2024 AHERA 3-Year Asbestos
Re-Inspection Report for the
William Penn Elementary School

Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

June 2024 AHERA 3-Year Asbestos Re-Inspection Report for the William Penn Elementary School

Prepared for: Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

Prepared by: Spotts, Stevens and McCoy



David L. Kuchinski, Asbestos Management Planner;
Pa. Certification No. 031173

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SSM File 107581.0023

**BETHLEHEM AREA SCHOOL DISTRICT
WILLIAM PENN ELEMENTARY SCHOOL
AHERA 3-YEAR ASBESTOS RE-INSPECTION REPORT
JUNE 2024**

EXECUTIVE SUMMARY

The AHERA 3-Year Asbestos Re-Inspection of the William Penn Elementary School was conducted by Mr. David L. Kuchinski on June 20, 2024. Mr. Kuchinski is an EPA AHERA accredited Building Inspector (BI), who is also licensed in the same capacity by the Pennsylvania Department of Labor and Industry (PaDLI). The re-inspection was performed in accordance with EPA 40 CFR, Part 763, which is commonly referred to as AHERA.

During the re-inspection, Mr. Kuchinski identified and assessed the condition of all known ACM, as noted in the re-inspection. Also noted in bold text, are damaged Asbestos Containing Materials (ACM) that are present in the building, which were either identified in a previous inspection or during this inspection. In areas where Spotts, Stevens and McCoy (SSM) could not identify ACM, a note was added in the “comments” section of the room-by-room computer inventory.

TABLE 4-1

**BETHLEHEM AREA SCHOOL DISTRICT
WILLIAM PENN ELEMENTARY SCHOOL**

SUMMARY OF ACM

<u>Material Description</u>	<u>Type</u>	<u>Estimated Quantity</u>
1'x1' Floor Tile and Mastic	M	5,050 S.F.
Fitting Insulation on FGIP	T	21 Ea.

M = Miscellaneous ACM

T = Thermal Insulation

FGIP = Fiberglass Insulated Pipe

Table 1: Room By Room Inventory of ACM for the William Penn Elementary School

School	Location	Material Description	Quantity	LS	DC	E	AT	AF	PD	F	Comments
William Penn ES	1st Floor Storage (Former Custodian Room)	Fitting Insulation on FGIP	17	L	0	1	2	1	2	2	
William Penn ES	All Purpose Room	1'x1' Floor Tile and Mastic	1,570	S	0	1	2	1	2	2	
William Penn ES	Hallway to All Purpose Room	1'x1' Floor Tile and Mastic	400	S	0	1	2	1	2	2	
William Penn ES	Hallway to All Purpose Room	Fitting Insulation on FGIP	4	S	0	1	2	1	2	2	
William Penn ES	Room 107	1'x1' Floor Tile and Mastic	300	S	0	1	2	1	2	1	
William Penn ES	Right Side Classrooms (104, 105, 106)	1'x1' Floor Tile and Mastic	530	S	0	1	2	1	2	2	
William Penn ES	Left Side Classrooms (101, 102, 103)	1'x1' Floor Tile and Mastic	530	L	0	1	2	1	2	2	
William Penn ES	Right Side Storage Closets	1'x1' Floor Tile and Mastic	170	L	0	1	2	1	2	2	
William Penn ES	Left Side Storage Closets	1'x1' Floor Tile and Mastic	170	S	0	1	2	1	2	2	
William Penn ES	2nd Floor Right Side Classrooms	1'x1' Floor Tile and Mastic	530	S	0	1	2	1	2	2	
William Penn ES	2nd Floor Left Side Classrooms	1'x1' Floor Tile and Mastic	530	S	0	1	2	1	2	2	
William Penn ES	Nurse's Office	1'x1' Floor Tile and Mastic	320	S	0	1	2	1	2	2	
William Penn ES	Above 1st Floor Ceiling	Fitting Insulation on FGIP	Unknown	S	0	1	2	1	2	2	Assumed above ceilings and behind walls
William Penn ES	Gym Storage	1'x1' Floor Tile and Mastic	220	S	0	1	2	1	2	2	
William Penn ES	Gym Storage	Fitting Insulation on FGIP	12	S	0	1	2	1	2	2	At water heater
William Penn ES	Office Conference Room and Foyer	1'x1' Floor Tile and Mastic	460	S	0	1	2	1	2	2	
William Penn ES	Door 6 Vestibule	1'x1' Floor Tile and Mastic	160	S	0	1	2	1	2	2	

**TABLE 6-1
BETHLEHEM AREA SCHOOL DISTRICT
WILLIAM PENN ELEMENTARY SCHOOL**

RECOMMENDED MINIMUM RESPONSE ACTIONS

<u>Material & Location</u>	<u>Estimated Quantity</u>	<u>Response Action</u>
Throughout Building 1'x1' Floor Tile and Mastic	5,050 S.F.	Handle under the O&M Program
Throughout Building (Unknown Amount in walls and above ceilings) Fitting Insulation on FGIP	21 S.F.	Handle under the O&M Program

FGIP= Fiberglass insulated pipe

TABLE 6-2

**BETHLEHEM AREA SCHOOL DISTRICT
WILLIAM PENN ELEMENTARY SCHOOL**

RESPONSE ACTIONS TAKEN SINCE THE PREVIOUS REINSPECTION

There were no response actions taken in the William Penn Elementary School since the previous 3-year AHERA Re-Inspection.

Accreditations

PENNSYLVANIA ASBESTOS CERTIFICATION

031173

Birth Date
09/05/1965



DAVID L. KUCHINSKI
402 W WYOMISSING BLVD
WEST LAWN PA 19609

Expires
09/12/2024

Issue Date
09/26/2023

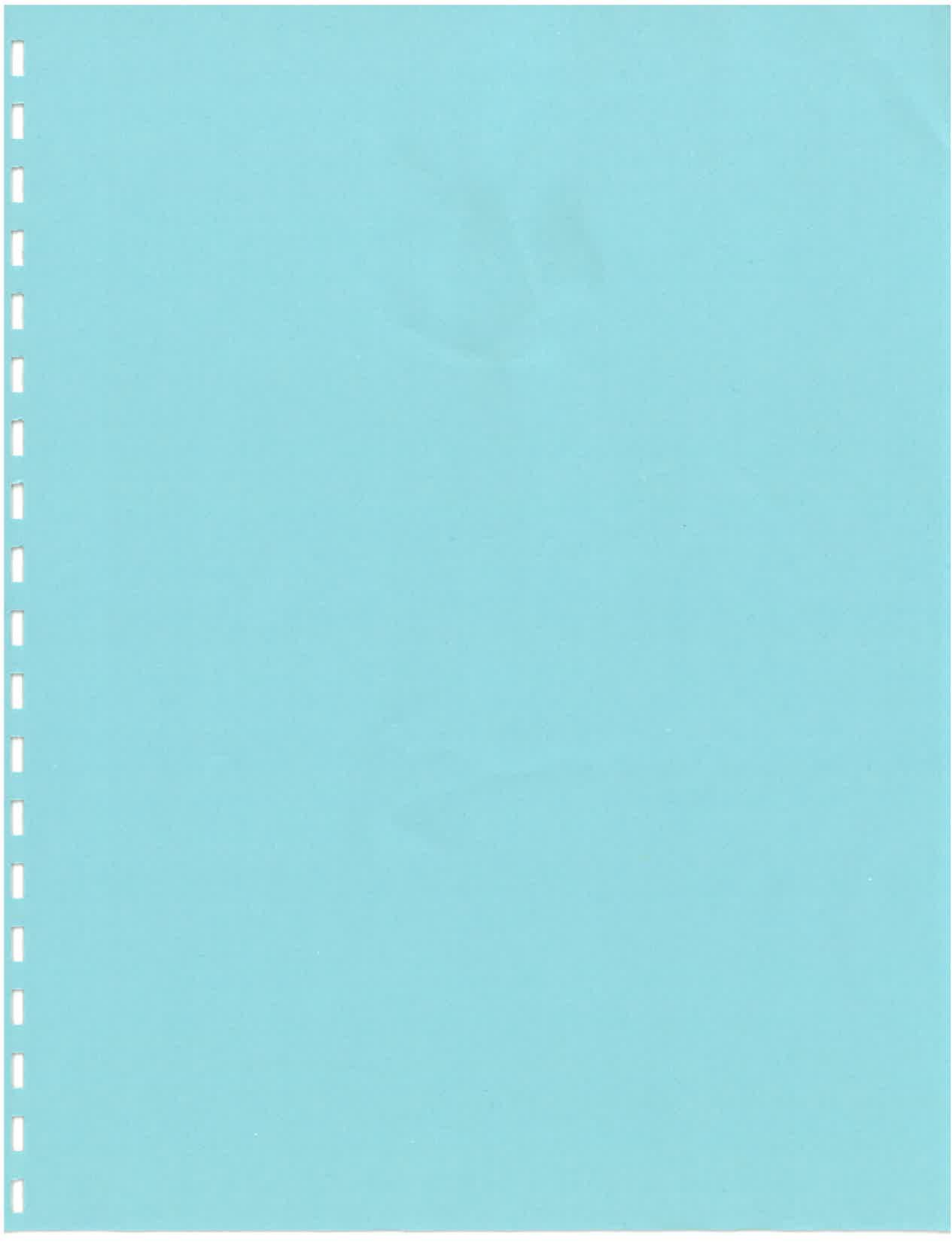
Sex
M

Height
6' 05"

Eyes
Hazel

A handwritten signature in black ink, appearing to read "David L. Kuchinski".

Class
INSPECTOR





June 2024 AHERA 3-Year Asbestos
Re-Inspection Report for the
Colonial Intermediate Unit #20

Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

June 2024 AHERA 3-Year Asbestos Re-Inspection Report for the Colonial Intermediate Unit #20

Prepared for: Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

Prepared by: Spotts, Stevens and McCoy



David L. Kuchinski, Asbestos Management Planner;
Pa. Certification No. 031173

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SSM File 107581.0023

**BETHLEHEM AREA SCHOOL DISTRICT
COLONIAL INTERMEDIATE UNIT #20
AHERA 3-YEAR ASBESTOS RE-INSPECTION REPORT
JUNE 2024**

EXECUTIVE SUMMARY

The AHERA 3-Year Asbestos Re-Inspection of the Colonial IU #20 was conducted by Mr. David L. Kuchinski on June 17, 2024. Mr. Kuchinski is an EPA AHERA accredited Building Inspector (BI), who is also licensed in the same capacity by the Pennsylvania Department of Labor and Industry (PaDLI). The re-inspection was performed in accordance with EPA 40 CFR, Part 763, which is commonly referred to as AHERA.

During the re-inspection, Mr. Kuchinski identified and assessed the condition of all known ACM, as noted in the re-inspection. Also noted in bold text, are damaged Asbestos Containing Materials (ACM) that are present in the building, which were either identified in a previous inspection or during this inspection. In areas where Spotts, Stevens and McCoy (SSM) could not identify ACM, a note was added in the “comments” section of the room-by-room computer inventory.

TABLE 4-1
BETHLEHEM AREA SCHOOL DISTRICT
COLONIAL IU #20
SUMMARY OF ACM

<u>Material Description</u>	<u>Type</u>	<u>Estimated Quantity</u>
1'x1' Floor Tile and Mastic	M	5,349 S.F.

Table 1: Room By Room Inventory of ACM for the Colonial IU #20

School	Location	Material Description	Quantity	LS	DC	E	AT	AF	PD	F	Comments
Colonial IU #20	Hallway	1'x1' Floor Tile and Mastic	2,100	S	0	1	2	1	2	2	Few minor cracks
Colonial IU #20	PT/OT Office	1'x1' Floor Tile and Mastic	280	S	0	1	2	1	2	2	Former Family Resource Room
Colonial IU #20	Custodial/Electrical Room	1'x1' Floor Tile and Mastic	65	S	0	1	2	1	2	2	
Colonial IU #20	Custodial/Electrical Room	1'x1' Floor Tile and Mastic	10	S	2	1	2	1	2	2	Missing or cracked tiles have been replaced
Colonial IU #20	Spark Supplies	1'x1' Floor Tile and Mastic	280	S	0	1	2	1	2	2	
Colonial IU #20	IT Room	1'x1' Floor Tile and Mastic	120	S	0	1	2	1	2	2	
Colonial IU #20	Multi-Purpose Room	1'x1' Floor Tile and Mastic	1,600	S	0	1	2	1	2	2	
Colonial IU #20	Boiler Room	1'x1' Floor Tile and Mastic	50	S	0	1	2	1	2	2	
Colonial IU #20	Support Services	1'x1' Floor Tile and Mastic	144	S	0	1	2	1	2	2	
Colonial IU #20	Work Room 2	1'x1' Floor Tile and Mastic	120	S	0	1	2	1	2	2	Under carpet
Colonial IU #20	Multi-Purpose Room 2	1'x1' Floor Tile and Mastic	410	S	0	1	2	1	2	2	
Colonial IU #20	Faculty Bathroom	1'x1' Floor Tile and Mastic	50	S	0	1	2	1	2	2	In Multi-Purpose Room 2
Colonial IU #20	Mechanical Room (Water Heater)	1'x1' Floor Tile and Mastic	120	S	0	1	2	1	2	2	

TABLE 6-1
BETHLEHEM AREA SCHOOL DISTRICT
COLONIAL IU #20

RECOMMENDED MINIMUM RESPONSE ACTIONS

<u>Material & Location</u>	<u>Estimated Quantity</u>	<u>Response Action</u>
Throughout Building 1'x1' Floor Tile and Mastic	5,349 S.F.	Handle under the O&M Program

TABLE 6-2

**BETHLEHEM AREA SCHOOL DISTRICT
COLONIAL IU #20**

RESPONSE ACTIONS TAKEN SINCE THE PREVIOUS REINSPECTION

There were no response actions taken in the Colonial IU #20 since the previous 3-year AHERA Re-Inspection.

Accreditations

PENNSYLVANIA ASBESTOS CERTIFICATION

031173

Birth Date
09/05/1965



DAVID L KUCHINSKI
402 W WYOMISSING BLVD
WEST LAWN PA 19609

Expires
09/12/2024

Issue Date
09/26/2023

Sex
M

Height
6'-05"

Eyes
H2L

David L. Kuchinski

Class
INSPECTOR





June 2024 AHERA 3-Year Asbestos
Re-Inspection Report for the
Bethlehem Area School District
Administration Building

Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

July 2024 AHERA 3-Year Asbestos Re-Inspection Report for the Bethlehem Area School District Administration Building

Prepared for: Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

Prepared by: Spotts, Stevens and McCoy



David L. Kuchinski, Asbestos Management Planner;
Pa. Certification No. 031173

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SSM File 107581.0023

**BETHLEHEM AREA SCHOOL DISTRICT
BETHLEHEM AREA SCHOOL DISTRICT ADMINISTRATION BUILDING
AHERA 3-YEAR ASBESTOS RE-INSPECTION REPORT
JUNE 2024**

EXECUTIVE SUMMARY

The AHERA 3-Year Asbestos Re-Inspection of the Administration Building was conducted by Mr. David L. Kuchinski on June 20, 2024. Mr. Kuchinski is an EPA AHERA accredited Building Inspector (BI), who is also licensed in the same capacity by the Pennsylvania Department of Labor and Industry (PaDLI). The re-inspection was performed in accordance with EPA 40 CFR, Part 763, which is commonly referred to as AHERA.

During the re-inspection, Mr. Kuchinski identified and assessed the condition of all known ACM, as noted in the re-inspection. Also noted in bold text, are damaged Asbestos Containing Materials (ACM) that are present in the building, which were either identified in a previous inspection or during this inspection. In areas where Spotts, Stevens and McCoy (SSM) could not identify ACM, a note was added in the “comments” section of the room-by-room computer inventory.

TABLE 4-1
BETHLEHEM AREA SCHOOL DISTRICT
ADMINISTRATION BUILDING

SUMMARY OF ACM

<u>Material Description</u>	<u>Type</u>	<u>Estimated Quantity</u>
9"x9" Floor Tile and Mastic	M	7,430 S.F.
1'x1' Floor Tile and Mastic	M	575 S.F.
Acoustical Ceiling Plaster	S	150 S.F.
Blackboard Adhesive*	M	80 S.F.
Fire Doors*	M	2 Each
Sink Undercoating	M	3 Each
Sheet Vinyl Flooring	M	1,095 S.F.
Fitting Insulation on FGIP	T	Unknown
Thermal Pipe Insulation	T	Unknown

*Material is *assumed* to contain asbestos

M = Miscellaneous ACM

T = Thermal Insulation

S= Surfacing Material

FGIP = Fiberglass Insulated Pipe

Table 1: Room By Room Inventory of ACM for the Bethlehem Area School District Administration Building

School	Location	Material Description	Quantity	LS	DC	E	AT	AF	PD	F	Comments
Administration Bldg.	Main Entrance	9"x9" Floor Tile and Mastic	320	S	0	1	2	1	2	2	
Administration Bldg.	Stage Utility Closet	9"x9" Floor Tile and Mastic	200	S	0	1	2	1	2	2	
Administration Bldg.	Edgeboro Room Storage	Sheet Vinyl Flooring	200	S	0	1	2	1	2	2	
Administration Bldg.	Child Accounting Office	Blackboard/Tack Board Adhesive	16	S	0	1	2	1	2	2	
Administration Bldg.	Director of Human Resources	9"x9" Floor Tile and Mastic	675	S	0	1	2	1	2	2	Under carpet
Administration Bldg.	Production Dept./ Mail Room	9"x9" Floor Tile and Mastic	1,150	S	0	1	2	1	2	2	Showing wear
Administration Bldg.	Production Dept./ Mail Room	Blackboard/Tack Board Adhesive	16	S	0	1	2	1	2	2	
Administration Bldg.	Office of Grants and Development	9"x9" Floor Tile and Mastic	820	S	0	1	2	1	2	2	Under carpet
Administration Bldg.	Office of Grants and Development	Blackboard/Tack Board Adhesive	16	S	0	1	2	1	2	2	
Administration Bldg.	Tax Office Kitchen Area	9"x9" Floor Tile and Mastic	1,320	S	0	1	2	1	2	2	Under carpet
Administration Bldg.	Tax Office Kitchen Area	Sink Undercoating	1	S	0	1	2	1	2	2	
Administration Bldg.	Finance and Administration	1'x1' Floor Tile and Mastic	425	S	0	1	2	1	2	2	Under carpet
Administration Bldg.	Finance and Administration	Sheet Vinyl Flooring	50	S	0	1	2	1	2	2	
Administration Bldg.	Finance and Administration	Sink Undercoating	1	S	0	1	2	1	2	2	
Administration Bldg.	Finance and Administration Secretary	Sheet Vinyl Flooring	425	S	0	1	2	1	2	2	Under carpet
Administration Bldg.	West Stairwell	9"x9" Floor Tile and Mastic	600	S	0	1	2	1	2	2	
Administration Bldg.	West Stairwell	1'x1' Floor Tile and Mastic	150	S	0	1	2	1	2	2	
Administration Bldg.	1st Floor North Entrance	Acoustical Ceiling Plaster	150	S	0	1	2	1	2	2	
Administration Bldg.	East Stairwell	9"x9" Floor Tile and Mastic	600	S	0	1	2	1	2	2	Some cracks & chunks missing
Administration Bldg.	2nd Floor Special Ed. Closet	9"x9" Floor Tile and Mastic	365	S	0	1	2	1	2	2	Under carpet
Administration Bldg.	Superintendent Office	9"x9" Floor Tile and Mastic	690	S	0	1	2	1	2	2	Under carpet
Administration Bldg.	Superintendent Kitchen	9"x9" Floor Tile and Mastic	200	S	0	1	2	1	2	2	
Administration Bldg.	Monocacy Room	9"x9" Floor Tile and Mastic	690	S	0	1	2	1	2	2	Under carpet
Administration Bldg.	Monocacy Room	Blackboard/Tack Board Adhesive	16	S	0	1	2	1	2	2	
Administration Bldg.	Kitchen	Sink Undercoating	1	S	0	1	2	1	2	2	
Administration Bldg.	Office of Student Services	Blackboard/Tack Board Adhesive	16	S	0	1	2	1	2	2	
Administration Bldg.	Grenadier Room	Sheet Vinyl Flooring	420	S	0	1	2	1	2	2	Under carpet, Visible in Closet
Administration Bldg.	Basement	Fire Door	2	S	0	1	2	1	2	2	Assumed
Administration Bldg.	Throughout Building	Thermal Pipe Insulation	Unknown	L	0	1	2	1	2	2	Assumed in Walls and above plaster ceilings
Administration Bldg.	Throughout Building	Fitting Insulation on FGIP	Unknown	L	0	1	2	1	2	2	Assumed in Walls and above plaster ceilings

**TABLE 6-1
BETHLEHEM AREA SCHOOL DISTRICT
ADMINISTRATION BUILDING**

RECOMMENDED MINIMUM RESPONSE ACTIONS

<u>Material & Location</u>	<u>Estimated Quantity</u>	<u>Response Action</u>
Throughout Building 9"x9" Floor Tile and Mastic	7,430 S.F.	Handle under the O&M Program.
1'x1' Floor Tile and Mastic	575 S.F.	Handle under the O&M Program.
1 st Floor North Entrance Acoustical Ceiling Plaster	150 S.F.	Handle under the O&M Program
Throughout Building Blackboard Adhesive	80 S.F.	Handle under the O&M Program
Basement Fire Doors*	2 Each	Handle under the O&M Program
Kitchen, Tax Office Kitchen Area and Finance and Administration Sink Undercoating*		Handle under the O&M Program
Throughout Building Sheet Vinyl Flooring	1,095 S.F.	Handle under the O&M Program
Throughout Building (assumed in walls and above plaster ceilings) Thermal Pipe Insulation	Unknown	Handle under the O&M Program
Fitting Insulation on FGIP	Unknown	Handle under the O&M Program

FGIP= Fiberglass insulated pipe

*Material is *assumed* to contain asbestos

TABLE 6-2

**BETHLEHEM AREA SCHOOL DISTRICT
BETHLEHEM AREA SCHOOL DISTRICT ADMINISTRATION BUILDING
RESPONSE ACTIONS TAKEN SINCE THE PREVIOUS REINSPECTION**

There were no response actions taken in the Administration Building since the previous 3-year AHERA Re-Inspection.

Accreditations

PENNSYLVANIA ASBESTOS CERTIFICATION

031173

Birth Date
09/05/1965



DAVID L KUCHINSKI
402 W WYOMISSING BLVD
WEST LAWN PA 19609

Expires
09/12/2024

Issue Date
09/26/2023

Sex
M

Height
6'05"

Eyes
HZL

David L. Kuchinski

Class
INSPECTOR





June 2024 AHERA 3-Year Asbestos
Re-Inspection Report for the
Maintenance Building

Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

June 2024 AHERA 3-Year Asbestos Re-Inspection Report for the Maintenance Building

Prepared for: Bethlehem Area School District

Inspected: June 2024
Report Issued: June 2024

Prepared by: Spotts, Stevens and McCoy



David L. Kuchinski, Asbestos Management Planner;
Pa. Certification No. 031173

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SSM File 107581.0023

BETHLEHEM AREA SCHOOL DISTRICT
MAINTENANCE BUILDING
AHERA 3-YEAR ASBESTOS RE-INSPECTION REPORT
JUNE 2024

EXECUTIVE SUMMARY

The AHERA 3-Year Asbestos Re-Inspection of the Maintenance Building was conducted by Mr. David L. Kuchinski on June 20, 2024. Mr. Kuchinski is an EPA AHERA accredited Building Inspector (BI), who is also licensed in the same capacity by the Pennsylvania Department of Labor and Industry (PaDLI). The re-inspection was performed in accordance with EPA 40 CFR, Part 763, which is commonly referred to as AHERA.

During the re-inspection, Mr. Kuchinski identified and assessed the condition of all known ACM, as noted in the re-inspection. Also noted in bold text, are damaged Asbestos Containing Materials (ACM) that are present in the building, which were either identified in a previous inspection or during this inspection. In areas where Spotts, Stevens and McCoy (SSM) could not identify ACM, a note was added in the “comments” section of the room-by-room computer inventory.

TABLE 4-1
BETHLEHEM AREA SCHOOL DISTRICT
MAINTENANCE BUILDING
SUMMARY OF ACM

<u>Material Description</u>	<u>Type</u>	<u>Estimated Quantity</u>
9"x9" Floor Tile and Mastic	M	80 S.F.

Table 1: Room By Room Inventory of ACM for the Maintenance Building

School	Location	Material Description	Quantity	LS	DC	E	AT	AF	PD	F	Comments
Maintenance Bldg.	Ladies Restroom Foyer	9"x9" Floor Tile and Mastic	80	S	0	1	2	1	2	2	

**TABLE 6-1
BETHLEHEM AREA SCHOOL DISTRICT
MAINTENANCE BUILDING**

RECOMMENDED MINIMUM RESPONSE ACTIONS

<u>Material & Location</u>	<u>Estimated Quantity</u>	<u>Response Action</u>
Ladies Restroom Foyer 9"x9" Floor Tile and Mastic	80 S.F.	Handle under the O&M Program

TABLE 6-2

**BETHLEHEM AREA SCHOOL DISTRICT
BETHLEHEM AREA SCHOOL DISTRICT MAINTENANCE BUILDING
RESPONSE ACTIONS TAKEN SINCE THE PREVIOUS REINSPECTION**

There were no response actions taken in the Maintenance Building since the previous 3-year AHERA Re-Inspection.

Accreditations

PENNSYLVANIA ASBESTOS CERTIFICATION

031173

Birth Date
09/05/1965



DAVID L. KUCHINSKI
402 W WYOMISSING BLVD
WEST LAWN PA 19609

Expires
09/12/2024

Issue Date
09/26/2023

Sex: M Height: 6' 05" Eyes: HZL

Signature

Class
INSPECTOR



SPOTTS | STEVENS | MCCOY

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