

FACILITY CONDITION ASSESSMENT

Vancleave Lower Elementary | November 2020



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Facility Condition Assessment



Jackson CS - Vancleave Lower Elementary

Executive Summary

Vancleave Lower Elementary, located at 12602 Hwy 57 in Vancleave, Mississippi, oldest building is 22 years old (at time of 2020 assessment). It comprises 74,900 gross square feet.

The findings contained within this report are the result of an assessment of building systems performed by building professionals experienced in disciplines including architecture, mechanical, plumbing and electrical. The total current deficiencies for this site, in 2020 construction cost dollars, are estimated at \$1,741,575. A ten-year need was developed to provide an understanding of the current need as well as the projected needs in the near future. For Vancleave Lower Elementary the ten-year need is \$7,872,991.

For master planning purposes, the total current deficiencies and the first five years of projected life cycle needs were combined to calculate a Facility Condition Index (FCI). A 5-year FCI was calculated by dividing the 5-year need by the total replacement cost. Costs associated with new construction are not included in the FCI calculation. The Vancleave Lower Elementary facility has a 5-year FCI of 19.89%.

Summary of Findings

The table below summarizes the condition findings at Vancleave Lower Elementary

Table 1: Facility Condition by Building

Number	Building Name	Current Deficiencies	5-Year Life Cycle Cost	Yrs 6-10 Life Cycle Cost	(Yr 1-5	Yr Need + Current efs)	Total 10 Yr Need (Yr 1-10 + Current Defs)	Replacement Cost	5-Year FCI
Exterior Sit	'e								
	Exterior Site	\$41,258	\$438,746	\$88,783		\$480,004	\$568,787	\$0	
Permanent	Building(s)	-					-		
01	Classrooms/office	\$1,700,317	\$1,902,883	\$3,701,004		\$3,603,200	\$7,304,204	\$20,525,600	17.55%
	Sub Total for Permanent Building(s):	\$1,700,317	\$1,902,883	\$3,701,004	\$	\$3,603,200	\$7,304,204	\$20,525,596	
	Total for Site:	\$1,741,575	\$2,341,629	\$3,789,787	;	\$4,083,204	\$7,872,991	\$20,525,596	19.89%

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Approach and Methodology

A facility condition assessment evaluates each building's overall condition. Two components of the facility condition assessment are combined to total the cost for facility need. The two components of the facility condition assessment are current deficiencies and life cycle forecast.

Current Deficiencies: Deficiencies are items in need of repair or replacement as a result of being broken, obsolete, or beyond useful life. The existing deficiencies that currently require correction are identified and assigned a priority. An example of a current deficiency might include a broken lighting fixture or an inoperable roof top air conditioning unit.

Life Cycle Forecast: Life cycle analysis evaluates the ages of a building's systems to forecast system replacement as they reach the end of serviceable life. An example of a life cycle system replacement is a roof with a 20-year life that has been in place for 15 years and may require replacement in five years.

All members of the survey team recorded existing conditions, identified problems and deficiencies, and documented corrective action and quantities. The team took digital photos at each site to better identify significant deficiencies.

Facility Deficiency Priority Levels

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

Priority 1 – **Mission Critical Concerns:** Deficiencies or conditions that may directly affect the site's ability to remain open or deliver the educational curriculum. These deficiencies typically relate to building safety, code compliance, severely damaged or failing building components, and other items that require near-term correction. An example of a Priority 1 deficiency is a fire alarm system replacement.

Priority 2 - Indirect Impact to Educational Mission: Items that may progress to a Priority 1 item if not addressed in the near term. Examples of Priority 2 deficiencies include inadequate roofing that could cause deterioration of integral building systems, and conditions affecting building envelopes, such as roof and window replacements.

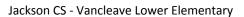
Priority 3 - Short-Term Conditions: Deficiencies that are necessary to the site's mission but may not require immediate attention. These items should be considered necessary improvements required to maximize facility efficiency and usefulness. Examples of Priority 3 items include site improvements and plumbing deficiencies.

Priority 4 - Long-Term Requirements: Items or systems that may be considered improvements to the instructional environment. The improvements may be aesthetic or provide greater functionality. Examples include cabinets, finishes, paving, removal of abandoned equipment, and educational accommodations associated with special programs.

Priority 5 - Enhancements: Deficiencies aesthetic in nature or considered enhancements. Typical deficiencies in this priority include repainting, replacing carpet, improved signage, or other improvements to the facility environment.

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The following table summarizes this site's current deficiencies by building system and priority.

Table 2: System by Priority (Site & Permanent Buildings)

			Priority				
System	1	2	3	4	5	Total	% of Total
Site	\$0	\$0	\$41,258	\$0	\$0	\$41,258	2.38 %
Roofing	\$0	\$0	\$32,720	\$0	\$0	\$32,720	1.89 %
Structural	\$11,519	\$0	\$0	\$0	\$0	\$11,519	0.66 %
Exterior	\$0	\$0	\$3,794	\$117,009	\$0	\$120,802	6.96 %
Interior	\$0	\$0	\$16,731	\$37,774	\$0	\$54,506	3.14 %
Mechanical	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Electrical	\$104	\$0	\$1,325,140	\$0	\$0	\$1,325,243	76.38 %
Plumbing	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Fire and Life Safety	\$110,405	\$0	\$0	\$0	\$0	\$110,405	6.36 %
Conveyances	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Specialties	\$0	\$0	\$288	\$38,313	\$0	\$38,601	2.22 %
Total:	\$122,028	\$0	\$1,419,931	\$193,096	\$0	\$1,735,055	

The building systems at the site with the most need include:

Electrical -	\$1,325,243
Exterior -	\$120,802
Fire and Life Safety -	\$110,405

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The chart below represents the building systems and associated deficiency costs.

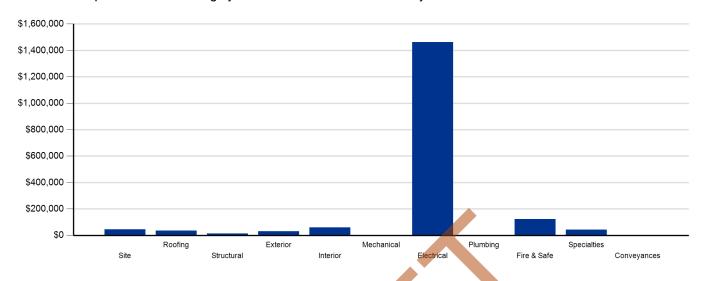


Figure 1: System Deficiencies



Facility Condition Assessment



Jackson CS - Vancleave Lower Elementary

Life Cycle Capital Renewal Forecast

During the facility condition assessment, assessors inspected all major building systems. If an assessor identified a need for immediate replacement, a deficiency was created with the item's repair costs. The identified deficiency contributes to the facility's total current repair costs.

However, capital planning scenarios span multiple years, as opposed to being constrained to immediate repairs. Construction projects may begin several years after the initial facility condition assessment. Therefore, in addition to the current year repair costs, it is necessary to forecast the facility's future costs using a ten-year life cycle renewal forecast model.

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

The following tables show current deficiencies and the subsequent ten-year life cycle capital renewal projections. The projections outline costs for major building systems in which a component is expected to reach the end of its useful life and require capital funding for replacement.

Table 3a: Capital Renewal Forecast (Yrs 1-5)

		Life Cycl	e Capital Renewal Pro	ojections		
System	Year 1 2021	Year 2 2022	Year 3 2023	Year 4 2024	Year 5 2025	Total 1-5
Site	\$0	\$0	\$0	\$0	\$438,746	\$438,746
Roofing	\$0	\$0	\$0	\$0	\$0	\$0
Exterior	\$0	\$0	\$0	\$0	\$122,388	\$122,388
Interior	\$0	\$0	\$0	\$149,739	\$208,199	\$357,938
Mechanical	\$0	\$0	\$0	\$509,494	\$18,553	\$528,047
Electrical	\$0	\$0	\$0	\$29,771	\$46,466	\$76,237
Plumbing	\$0	\$0	\$16,423	\$320,584	\$112,128	\$449,135
Fire and Life Safety	\$0	\$0	\$0	\$0	\$0	\$0
Conveyances	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$369,138	\$0	\$369,138
Total	\$0	\$0	\$16,423	\$1,378,726	\$946,480	\$2,341,629

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Table 3b: Capital Renewal Forecast (Yrs 6-10)

			Life Cycle	Capital Renewal F	Projections			
System	Total 1-5	Year 6 2026	Year 7 2027	Year 8 2028	Year 9 2029	Year 10 2030	Total 6-10	Total 1-10
Site	\$438,746	\$0	\$0	\$88,783	\$0	\$0	\$88,783	\$527,529
Roofing	\$0	\$0	\$0	\$2,377,520	\$0	\$153,771	\$2,531,291	\$2,531,291
Exterior	\$122,388	\$0	\$117,009	\$0	\$0	\$89,699	\$206,708	\$329,096
Interior	\$357,938	\$0	\$0	\$279,434	\$0	\$11,135	\$290,569	\$648,507
Mechanical	\$528,047	\$0	\$0	\$285,483	\$0	\$58,236	\$343,719	\$871,766
Electrical	\$76,237	\$0	\$0	\$263,187	\$0	\$0	\$263,187	\$339,424
Plumbing	\$449,135	\$6,857	\$0	\$49,520	\$0	\$9,153	\$65,530	\$514,665
Fire and Life Safety	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Conveyances	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$369,138	\$0	\$0	\$0	\$0	\$0	\$0	\$369,138
Total	\$2,341,629	\$6,857	\$117,009	\$3,343,927	\$0	\$321,994	\$3,789,787	\$6,131,416

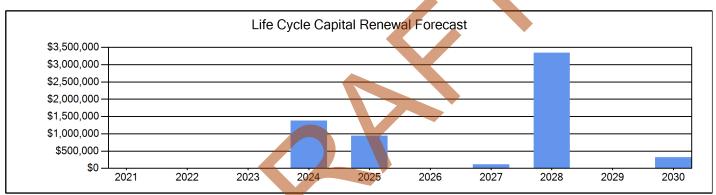


Figure 2: Ten Year Capital Renewal Forecast

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Facility Condition Index (FCI)

The Facility Condition Index (FCI) is used throughout the facility condition assessment industry as a general indicator of a building's health. Since 1991, the facility management industry has used an index called the FCI to benchmark the relative condition of a group of sites. The FCI is derived by dividing the total repair cost, including educational adequacy and site-related repairs, by the total replacement cost. A facility with a higher FCI percentage has more need, or higher priority, than a facility with a lower FCI. It should be noted that costs in the New Construction category are not included in the FCI calculation.



Financial modeling has shown that over a 30-year period, it is more cost effective to replace than repair sites with a FCI of 65 percent or greater. This is due to efficiency gains with facilities that are more modern and the value of the building at the end of the analysis period. It is important to note that the FCI at which a facility should be considered for replacement is typically debated and adjusted based on property owners and facility managers approach to facility management. Of course, FCI is not the only factor used to identify buildings that need renovation, replacement, or even closure. Historical significance, enrollment trends, community sentiment, and the availability of capital are additional factors that are analyzed when making campus facility decisions.

For master planning purposes, the total current deficiencies and the first five years of projected life cycle needs were combined. This provides an understanding of the current needs of a facility as well as the projected needs in the near future. A 5-year FCI was calculated by dividing the 5-year need by the total replacement cost. Costs associated with new construction are not included in the FCI calculation.

The replacement value represents the estimated cost of replacing the current building with another building of like size, based on today's estimated cost of construction in the Jackson, MS area. The estimated replacement cost for this facility is \$20,525,596. For planning purposes, the total 5-year need at the Vancleave Lower Elementary is \$4,083,204 (Life Cycle Years 1-5 plus the FCI deficiency cost). The Vancleave Lower Elementary facility has a 5-year FCI of 19.89%.

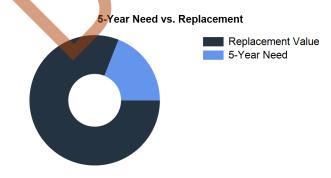
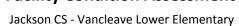


Figure 3: 5-Year FCI

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Vancleave Lower Elementary - Deficiency Summary Site Level Deficiencies

5.10					
Deficiency	Category	Qty UoM	Priority	Repair Cost	ID
Car Accessible Parking Spaces Restiriping	ADA Compliance	104 Ea.	3	\$10,543	49
Concrete Walks Replacement	Capital Renewal	2,640 SF	3	\$26,684	256
Note: ADA Deficiency					
Site Requires Civil/Drainage Study	Deferred Maintenance	1 LS	3	\$4,032	48
Note: Water is ponding					
Location: Northwest corner of property					
	Sub Total for System	3 items		\$41,258	
Sub Tot	al for School and Site Level	3 items		\$41,258	
Building: 01 - Classrooms/office					
Roofing					
Deficiency	Category	Qty UoM	Priority	Repair Cost	ID
Debris In Gutter Removal	Deferred	10 LF	3	\$46	59
	Maintenance				
Location: In between building					
Sutter Replacement	Deferred Maintenance	1,730 LF	3	\$31,407	60
Note: Entire system leaks, has rust and holes					
Metal Downspout Installation	Deferred Maintenance	60 LF	3	\$1,267	61
Note: Downspout has rust, holes, and leaks	Sub Total for System	3 items		\$32,720	
Structural	Sub rotal for System	3 items		\$32, <i>1</i> 20	
	Catagory	Oty HoM	Driority	Panair Coat	ıD
Deficiency	Category	Qty UoM	Priority 1	Repair Cost	1D 40
oundation Study Recommended	Maintenance	1 Job	1	\$5,760	40
Note: Slab is cracked 60' across the entire width of the cafe.					
Location: Cafeteria					
oundation Study Recommended	Deferred Maintenance	1 Job	1	\$5,760	41
Note: 121 E grack in the goat panel from exterior to interior of machan					
Note: 12LF crack in pre-cast panel from exterior to interior of mechan	licai room.				
Location: Exterior Mechanical Room	0.1.7.4.1404			044.540	
	Sub Total for System	2 items		\$11,519	
Exterior					
Deficiency Control of the Control of	Category			Repair Cost	117
		Qty UoM	Priority		
exterior Metal Door Repainting	Deferred Maintenance	37 Door	3	\$3,794	
· · ·	Deferred			\$3,794	54
· · ·	Deferred Maintenance Capital Renewal	37 Door 74,900 SF	3	\$3,794 \$117,009	54
exterior Painting (Bldg SF)	Deferred Maintenance	37 Door	3	\$3,794	54
xterior Painting (Bldg SF)	Deferred Maintenance Capital Renewal Sub Total for System	37 Door 74,900 SF 2 items	3 4	\$3,794 \$117,009 \$120,802	54 52
xterior Painting (Bldg SF) nterior eficiency	Deferred Maintenance Capital Renewal Sub Total for System Category	37 Door 74,900 SF 2 items Qty UoM	3 4 Priority	\$3,794 \$117,009 \$120,802 Repair Cost	54 52
nterior eficiency ntry Door Does Not Have Power Assist Device	Deferred Maintenance Capital Renewal Sub Total for System	37 Door 74,900 SF 2 items	3 4	\$3,794 \$117,009 \$120,802	54 52
nterior Interior Interio	Deferred Maintenance Capital Renewal Sub Total for System Category ADA Compliance	37 Door 74,900 SF 2 items Qty UoM 1 Ea.	3 4 Priority 3	\$3,794 \$117,009 \$120,802 Repair Cost \$14,134	54 52 IE
nterior Interior Interio	Deferred Maintenance Capital Renewal Sub Total for System Category	37 Door 74,900 SF 2 items Qty UoM	3 4 Priority	\$3,794 \$117,009 \$120,802 Repair Cost	54 52 IE
Interior Deficiency Entry Door Does Not Have Power Assist Device Location: Main entry	Deferred Maintenance Capital Renewal Sub Total for System Category ADA Compliance Deferred	37 Door 74,900 SF 2 items Qty UoM 1 Ea.	3 4 Priority 3	\$3,794 \$117,009 \$120,802 Repair Cost \$14,134	54 52 ID 51
Interior Deficiency Entry Door Does Not Have Power Assist Device Location: Main entry Expansion Joints Missing or Deteriorated	Deferred Maintenance Capital Renewal Sub Total for System Category ADA Compliance Deferred	37 Door 74,900 SF 2 items Qty UoM 1 Ea.	3 4 Priority 3	\$3,794 \$117,009 \$120,802 Repair Cost \$14,134	54 52 IE
Interior Deficiency Entry Door Does Not Have Power Assist Device Location: Main entry Expansion Joints Missing or Deteriorated Note: Cracks in expansion joints. 84LF Location: Multiple locations: West, east, and interior of mechanical yard	Deferred Maintenance Capital Renewal Sub Total for System Category ADA Compliance Deferred	37 Door 74,900 SF 2 items Qty UoM 1 Ea.	3 4 Priority 3	\$3,794 \$117,009 \$120,802 Repair Cost \$14,134	544 522 ID 511
Expansion Joints Missing or Deteriorated Note: Cracks in expansion joints. 84LF	Deferred Maintenance Capital Renewal Sub Total for System Category ADA Compliance Deferred Maintenance	37 Door 74,900 SF 2 items Qty UoM 1 Ea. 4,200 SF	3 4 Priority 3	\$3,794 \$117,009 \$120,802 Repair Cost \$14,134 \$2,597	1D 544 522 ID 511 533 555

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Interior

Renewal 200	SF SF items UoM Pr	4 \$10,5 4 \$54,5	459 931	1D 42 56
II. Renewal 1,498 al for System 5 y Qty onal 1 cy	items UoM Pr	* -/		56
y Qty Onal 1 cy	items UoM Pr	* -/		56
y Qty Onal 1 cy	items UoM Pr	* -/		56
y Qty onal 1 cy	UoM Pr	\$54,	506	
y Qty onal 1 cy	UoM Pr	\$ 54 ,	506	
y Qty onal 1 cy	UoM Pr	\$54, !	506	
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onal 1 cy				
onal 1 cy		riority Repair C	Cost	ID
су	Ea.		104	39
r abianta ta ba inaartad in		•		
or objects to be inserted in	to the side o	of the receptacle.		
Renewal 74,900	SF	3 \$1,225,6	638	47
nal Deficiency 74,900	SF	3 \$52,	192	46
	SF	3 \$47,3	310	43
al for System 4	items	\$1,325,2	243	
y Qty	UoM Pr	iority Repair C	Cost	ID
				45
Renewal 74,900	SF	1 \$106,	120	44
hts are illuminated				
al for System 2	items	\$110,4	405	
v Qtv	UoM Pr	iority Repair C	Cost	ID
				952
al for System 1	items	\$6,	520	
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otv Otv	HoM Pr	iority Penair C	`net	ID
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•				57
rtenewai 50		Ψ Ψ 1 Ψ , 1	701	01
Renewal 3	Room	4 \$23 !	562	58
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al for System 3	items	\$38 (601	
•				
	items	\$1,741,		
	1	roal Deficiency 74,900 SF d 74,900 SF d 74,900 SF al for System 4 items y Qty UoM Pr Renewal 74,900 SF whits are illuminated al for System 2 items y Qty UoM Pr roal Deficiency 1 Ea. al for System 1 items y Qty UoM Pr rompliance 5 LF Renewal 30 LF Renewal 3 Room al for System 3 items srooms/office 12 items 22 items	nal Deficiency 74,900 SF 3 \$52, d ance 74,900 SF 3 \$47, al for System 4 items \$1,325, y Qty UoM Priority Repair C Renewal 74,900 SF 1 \$106, Ints are illuminated al for System 2 items \$110, y Qty UoM Priority Repair C nal Deficiency 1 Ea. 3 \$6, y Qty UoM Priority Repair C y Qty UoM Priority Repair C <td>nal Deficiency 74,900 SF 3 \$52,192 d ance 74,900 SF 3 \$47,310 al for System 4 items \$1,325,243 y Qty UoM Priority Repair Cost Renewal 74,900 SF 1 \$106,120 ghts are illuminated al for System 2 items \$110,405 y Qty UoM Priority Repair Cost pal Deficiency al for System 1 items \$6,520 graph and Deficiency al for System 1 items \$288 Renewal 30 LF 4 \$14,751 Renewal 3 Room 4 \$23,562 al for System 3 items \$38,601 grooms/office 3 items \$38,601 \$1,700,317</td>	nal Deficiency 74,900 SF 3 \$52,192 d ance 74,900 SF 3 \$47,310 al for System 4 items \$1,325,243 y Qty UoM Priority Repair Cost Renewal 74,900 SF 1 \$106,120 ghts are illuminated al for System 2 items \$110,405 y Qty UoM Priority Repair Cost pal Deficiency al for System 1 items \$6,520 graph and Deficiency al for System 1 items \$288 Renewal 30 LF 4 \$14,751 Renewal 3 Room 4 \$23,562 al for System 3 items \$38,601 grooms/office 3 items \$38,601 \$1,700,317

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\$2,531,291



Vancleave Lower Elementary - Life Cycle Summary Yrs 1-10 Site Level Life Cycle Items

Site

Uniformat Description	LC Type Description		Qty UoM	Repair Cost	Remaining Life
Parking Lot Pavement	Asphalt		104 CAR	\$134,635	5
Roadway Pavement	Asphalt Driveways		53,000 SF	\$304,111	5
Fences and Gates	Fencing - Chain Link (8-10 Ft)		1,270 LF	\$88,783	8
		Sub Total for System	3 items	\$527,528	
		Sub Total for Building -	3 items	\$527.528	

Building: 01 - Classrooms/office

Roofing

Uniformat Description	LC Type Description	Qty UoM	Repair Cost Remaining Life
Steep Slope Roofing	Metal (Architectural - Standing Seam)	66,800 SF	\$2,377,520 8
Low-Slope Roofing	Modified Bitumen	5,000 SF	\$153,771 10
	Note: East side canopy		

Sub Total for System

Exterior

Uniformat Description	LC Type Description		Qty UoM	Repair Cost Remaining	Life
Exterior Entrance Doors	Steel - Insulated and Painted		37 Door	\$122,388 5	
Exterior Wall Veneer	Exterior Painting - Bldg SF basis		74,900 SF	\$117,009 7	
Exterior Operating Windows	Aluminum - Windows per SF		324 SF	\$28,832 10	
Exterior Operating Windows	Aluminum - Windows per SF		684 SF	\$60,867 10	
		Sub Total for System	4 items	\$329,096	

Interior

Uniformat Description	LC Type Description		Qty UoM	Repair Cost	Remaining Life
Wall Painting and Coating	Painting/Staining (Bldg SF)	37,	150 SF	\$149,739	4
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	67,	110 SF	\$203,114	5
Wall Coverings	FRP Wall Finish		49 SF Wall	\$5,085	5
Carpeting	Carpet	2,	247 SF	\$25,384	8
Carpeting	Carpet	1,	198 SF	\$16,923	8
Interior Door Supplementary Components	Door Hardware		79 Door	\$237,127	8
Suspended Plaster and	Painted ceilings	5,	992 SF	\$11,135	10
		Sub Total for System	7 items	\$648,506	

Mechanical

wecnanicai				
Uniformat Description	LC Type Description	Qty Uol	M Repair Cost	Remaining Life
Heating System Supplementary Components	Controls - Electronic (Bldg,SF)	74,900 SF	\$103,415	4
Decentralized Cooling	Fan Coil - DX Cool w/Electric Heat (3 Ton)	6 Ea.	\$10,547	4
Decentralized Cooling	Fan Coil - DX cool w/Electric Heat (5 Ton)	31 Ea.	\$98,238	4
Decentralized Cooling	Fan Coil - DX Cool w/Electric Heat (3 Ton)	22 Ea.	\$38,673	4
Decentralized Cooling	Fan Coil - DX cool w/Electric Heat (5 Ton)	4 Ea.	\$12,676	4
Decentralized Cooling	Fan Coil - DX Cool w/Electric Heat (10 ton)	3 Ea.	\$12,189	4
Decentralized Cooling	Heat Pump (5 Ton)	11 Ea.	\$119,110	4
Decentralized Cooling	Heat Pump (10 Ton)	1 Ea.	\$21,455	4
Decentralized Cooling	Heat Pump (3 Ton)	9 Ea.	\$71,535	4
Decentralized Cooling	Heat Pump (5 Ton)	2 Ea.	\$21,656	4
Exhaust Air	Wall Exhaust Fan	1 Ea.	\$4,222	5
Exhaust Air	Interior Ceiling Exhaust Fan	33 Ea.	\$14,331	5
Decentralized Cooling	Fan Coil - DX cool w/Electric Heat (5 Ton)	3 Ea.	\$9,507	8
Decentralized Cooling	Heat Pump (5 Ton)	7 Ea.	\$75,798	8
Decentralized Cooling	Heat Pump (5 Ton)	8 Ea.	\$86,626	8
Decentralized Cooling	Heat Pump (10 Ton)	2 Ea.	\$42,910	8
Decentralized Cooling	Heat Pump (12 Ton)	1 Ea.	\$22,952	8
Decentralized Cooling	Heat Pump (3 Ton)	5 Ea.	\$39,742	8
Decentralized Cooling	Heat Pump (3 Ton)	1 Ea.	\$7,948	8
Exhaust Air	Roof Exhaust Fan - Large	8 Ea.	\$57.367	10

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Mechanical

Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Exhaust Air	Interior Ceiling Exhaust Fan		2	Ea.	\$869	10
		Sub Total for System	21	items	\$871,767	
Electrical						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Lighting Fixtures	Building Mounted Fixtures (Ea.)		37	Ea.	\$29,771	4
Lighting Fixtures	Canopy Mounted Fixtures (Ea.)		25	Ea.	\$46,466	5
Electrical Service	Switchgear - Main Dist Panel (2000 Amps)		1	Ea.	\$58,426	8
Electrical Service	Transformer (112.5 KVA)		1	Ea.	\$8,841	8
Electrical Service	Transformer (75 KVA)		3	Ea.	\$19,508	8
Power Distribution	Distribution Panels (600 Amps)		3	Ea.	\$47,656	8
Power Distribution	Distribution Panels (400 Amps)		1	Ea.	\$15,085	8
Power Distribution	Panelboard - 120/208 400A		2	Ea.	\$22,025	8
Power Distribution	Panelboard - 120/208 100A		1	Ea.	\$2,482	8
Power Distribution	Panelboard - 277/480 225A		5	Ea.	\$41,815	8
Power Distribution	Panelboard - 277/480 100A		3	Ea.	\$17,905	8
Power Distribution	Panelboard - 120/208 225A		6	Ea.	\$29,444	8
		Sub Total for System	12	items	\$339,424	
Plumbing						
Uniformat Description	LC Type Description		Qtv	UoM	Repair Cost	Remaining Life
Domestic Water Equipment	Water Heater - Gas - 300 Gallon		_	Ea.	\$16,423	3
Plumbing Fixtures	Restroom Lavatory		21	Ea.	\$50,899	4
Plumbing Fixtures	Sink - Service / Mop Sink		3	Ea.	\$2,131	4
Plumbing Fixtures	Toilets		52	Ea.	\$234,756	4
Plumbing Fixtures	Urinals		6	Ea.	\$7,250	4
Plumbing Fixtures	Refrigerated Drinking Fountain		13	Ea.	\$25,548	4
Plumbing Fixtures	Classroom Lavatory		49	Ea.	\$112,128	5
Domestic Water Equipment	Backflow Preventers - 4 in. (Ea.)		1	Ea.	\$6,857	6
Plumbing Fixtures	Restroom Lavatory		4	Ea.	\$9,695	8
Plumbing Fixtures	Showers		1	Ea.	\$1,166	8
Plumbing Fixtures	Toilets		7	Ea.	\$31,602	8
Plumbing Fixtures	Urinals		2	Ea.	\$2,417	8
Plumbing Fixtures	Refrigerated Drinking Fountain		2	Ea.	\$3,930	8
Plumbing Fixtures	Sink - Service / Mop Sink		1	Ea.	\$710	8
Plumbing Fixtures	Classroom Lavatory		4	Ea.	\$9,153	10
· ·		Sub Total for System	15	items	\$514,666	
Specialties						
Uniformat Description	LC Type Description		Qtv	UoM	Repair Cost	Remaining Life
Casework	Fixed Cabinetry			Room	\$369,138	4
Casenon		Sub Total for System		items	\$369,138	
	Sub Total for Bui	Iding 01 - Classrooms/office		items	\$5,603,887	
		/ancleave Lower Elementary	65	items	\$6,131,415	
	. Otta i Oi.				+-,,0	

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Supporting Photos



Typical classroom area



Water damaged carpet



Main entrance



Parking lot



Obsolete fire alarm system



Obsolete PA system

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