

FACILITY CONDITION ASSESSMENT

Boone ES | February 2022





Executive Summary

Boone ES is located at 8101 Croftwood Dr in Austin, Texas. The oldest building is 34 years old (at time of 2020 assessment). It comprises 73,689 gross square feet.

The findings contained within this report are the result of an assessment of building systems and the conditions found on the site at the time of the visit. The assessment was 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 \$8,937,003. 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 Boone ES the ten-year need is \$18,599,499.

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 Assessment (FCA) score. A 5-year FCA was calculated by dividing the 5-year need by the total replacement cost. Costs associated with new construction are not included in the FCA calculation. The Boone ES facility has a 5-year FCA score of 46.08%.

Summary of Findings

The table below summarizes the condition findings at Boone ES

Table 1: Facility Condition by Building

Number	Building Name	Current Deficiencies	5-Year Life Cycle Cost	Yrs 6-10 Life Cycle Cost	Total 5 Yr Need (Yr 1-5 + Current Defs)	Total 10 Yr Need (Yr 1-10 + Current Defs)	Replacement Cost	5-Year FCA
Exterior Si	ite							
	Exterior Site	\$3,243,822	\$0	\$0	\$3,243,822	\$3,243,822	\$0	
Permanent	t Building(s)	-			•			
170A	Main building includes Administration Offices, Classrooms, Cafeteria, & Gym.	\$4,974,399	\$3,718,538	\$5,112,177	\$8,692,937	\$13,805,114	\$20,909,250	58.43%
170B	Stand-Alone Classroom Building	\$718,781	\$391,727	\$440,054	\$1,110,508	\$1,550,562	\$3,289,483	66.24%
	Sub Total for Permanent Building(s):	\$5,693,181	\$4,110,265	\$5,552,231	\$9,803,446	<i>\$15,355,677</i>	\$24,198,733	
	Total for Site:	\$8,937,003	\$4,110,265	\$5,552,231	\$13,047,268	\$18,599,499	\$24,198,733	46.08%



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.



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	\$259,087	\$336,615	\$2,641,664	\$3,237,367	36.22 %
Roofing	\$1,607,176	\$0	\$0	\$0	\$0	\$1,607,176	17.98 %
Structural	\$6,455	\$0	\$0	\$0	\$0	\$6,455	0.07 %
Exterior	\$0	\$128,049	\$0	\$0	\$0	\$128,049	1.43 %
Interior	\$0	\$0	\$0	\$28,045	\$0	\$28,045	0.31 %
Mechanical	\$0	\$426,648	\$99,870	\$34,036	\$0	\$560,554	6.27 %
Electrical	\$0	\$487,111	\$1,680	\$0	\$0	\$488,790	5.47 %
Plumbing	\$0	\$4,663	\$7,262	\$36,963	\$0	\$48,889	0.55 %
Fire and Life Safety	\$774,565	\$0	\$0	\$0	\$0	\$774,565	8.67 %
Conveyances	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Specialties	\$0	\$0	\$0	\$378,480	\$0	\$378,480	4.23 %
Crawlspace	\$0	\$0	\$0	\$0	\$1,678,632	\$1,678,632	18.78 %
Total:	\$2,388,196	\$1,046,471	\$367,900	\$814,140	\$4,320,296	\$8,937,003	

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

Site	-	\$3,237,367
Roofing	-	\$1,607,176
Fire and Life Safety	-	\$774,565



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

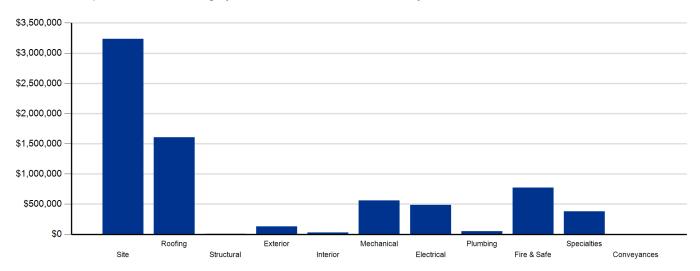


Figure 1: System Deficiencies



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 2023	Year 2 2024	Year 3 2025	Year 4 2026	Year 5 2027	Total 1-5
Site	\$0	\$0	\$0	\$0	\$0	\$0
Roofing	\$0	\$0	\$0	\$0	\$110,348	\$110,348
Exterior	\$0	\$131,802	\$0	\$40,857	\$0	\$172,659
Interior	\$0	\$0	\$105,517	\$939,375	\$674,068	\$1,718,960
Mechanical	\$0	\$0	\$114,023	\$1,147,854	\$114,900	\$1,376,777
Electrical	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing	\$0	\$0	\$4,768	\$0	\$0	\$4,768
Fire and Life Safety	\$0	\$0	\$117,005	\$169,611	\$0	\$286,616
Conveyances	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0	\$0
Crawlspace	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$131,802	\$34 1,313	\$2,297,697	\$899,316	\$3,670,128



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

			Life Cycle	Capital Renewal F	Projections			
System	Total 1-5	Year 6 2028	Year 7 2029	Year 8 2030	Year 9 2031	Year 10 2032	Total 6-10	Total 1-10
Site	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roofing	\$110,348	\$0	\$0	\$0	\$0	\$0	\$0	\$110,348
Exterior	\$172,659	\$34,117	\$0	\$0	\$0	\$0	\$34,117	\$206,776
Interior	\$1,718,960	\$222,380	\$0	\$134,612	\$69,627	\$78,700	\$505,319	\$2,224,279
Mechanical	\$1,376,777	\$463,978	\$55,544	\$0	\$0	\$185,152	\$704,674	\$2,081,451
Electrical	\$0	\$30,901	\$0	\$115,176	\$0	\$1,468,630	\$1,614,707	\$1,614,707
Plumbing	\$4,768	\$2,841,434	\$0	\$0	\$0	\$96,031	\$2,937,465	\$2,942,233
Fire and Life Safety	\$286,616	\$0	\$0	\$0	\$0	\$0	\$0	\$286,616
Conveyances	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Crawlspace	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$3,670,128	\$3,592,810	\$55,544	\$249,788	\$69,627	\$1,828,513	\$5,796,282	\$9,466,410

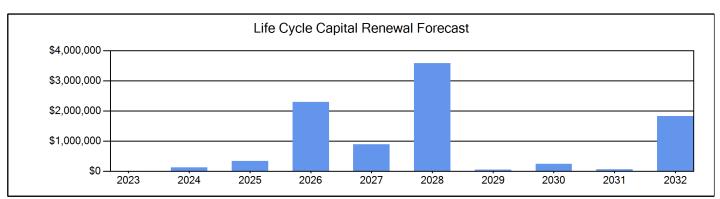


Figure 2: Ten Year Capital Renewal Forecast



Facility Condition Assessment Score

The Facility Condition Assessment Score (FCAS) is used throughout the facility condition assessment industry as a general indicator of a building's health. The FCAS is used to benchmark the relative condition of a group of sites. The FCAS is derived by dividing the total repair cost, site-related repairs, by the total replacement cost and subtracting it from 100. A facility with a lower FCAS percentage has more need, or higher priority, than a facility with a lower FCAS. It should be noted that costs in the New Construction category are not included in the FCAS calculation.

FCAS = 100 - (Total Repair Cost/ Replacement Cost)

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 FCAS was calculated by dividing the 5-year need by the total replacement cost. Costs associated with new construction are not included in the FCAS calculation.



Financial modeling has shown that over a 30-year period, it is more cost effective to replace than repair sites with a FCAS of 35 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 FCAS 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, FCAS 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.

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 Austin area. The estimated replacement cost for this facility is \$24,198,733. For planning purposes, the total 5-year need at the Boone ES is \$13,047,268 (Life Cycle Years 1-5 plus the FCA deficiency cost). The Boone ES facility has a 5-year FCA of 46.08%.

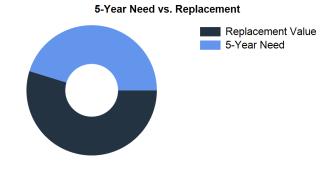


Figure 3: 5-Year FCA

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\$6,455

Renair Cost



Boone ES - Deficiency Summary Site Level Deficiencies

Site

Deficiency	Category	Qty UoM	Priority	Repair Cost	ID
Concrete Driveways Replacement	Capital Renewal	2,000 SF	3	\$24,967	2354
Concrete Walks Replacement	Capital Renewal	14,750 SF	3	\$167,077	2355
Playground Equipment Replacement	Capital Renewal	3 Ea.	3	\$67,044	2356
Concrete Paving Replacement	Capital Renewal	81 CAR	4	\$199,743	2353
Fencing Replacement (4' Chain Link Fence)	Capital Renewal	2,900 LF	4	\$136,872	2352
PROGRAM DEFICIENCIES	ADA Compliance	338,856 EACH	5	\$581,809	2252

Note:

PROGRAM DEFICIENCIESInterior Improvements Estimated Construction Cost for Floor Plan Area 413,586.55\$ **Estimated Construction** Estimated Construction Cost for Floor Plan Area 6 57,837.81\$ Estimated Construction Cost for Floor Cost for Floor Plan Area 589,168.10\$ Estimated Construction Cost for Floor Plan Area 814,615.11\$ Plan Area 7 (x2 locations)163,648.73\$ **Estimated Construction Cost Subtotal** for Interior Improvements Excluding Division 1338,856.30\$Total Estimated Construction Cost Subtotal for Program Deficiency Improvements338,856.30

PUBLIC DEFICIENCIES

ADA Compliance 235.339 EACH \$404.073 2251 Estimated Construction

Note:

PUBLIC DEFICIENCIESSite/Exterior Improvements Estimated Construction Cost for Site Plan Area A33,460.47\$ Cost for Site Plan Area B22.341.62\$ Estimated Construction Cost for Site Plan Area C37,956.60\$ Estimated Construction Cost Subtotal for Site/Exterior Improvements Excluding Division 193,758.69\$Interior Improvements Estimated Construction Cost for Floor Plan Area Estimated Construction Cost for Floor Plan Area 360,882.58\$ Estimated Construction Cost for Floor Plan Area 260,511.26\$ Estimated Construction Cost Subtotal for Interior Improvements Excluding Division 1141,580.80\$Total Estimated Construction Cost Subtotal for Public Deficiency Improvements235,339.49

TAS ACCESSIBILITY DEFICIENCIES

ADA Compliance 1,282,595 EACH \$1,655,783 2253

Note:

TAS ACCESSIBILITY DEFICIENCIESSite/Exterior Improvements Estimated Construction Cost for Site Plan Area D54,577.76\$ Construction Cost for Site Plan Area E1,060.87\$ Estimated Construction Cost for Site Plan Area F4,865.83\$ Estimated Construction Cost Subtotal for Site/Exterior Improvements Excluding Division 160,504.45\$Interior Improvements Estimated Construction Cost for Floor Plan Area Estimated Construction Cost for Floor Plan Area 10 (Building B)7,263.32\$ Estimated Construction Cost for Floor Plan Area 1268,583.93\$ Estimated Construction Cost for Floor Plan Area 1340,671.36\$ Estimated Construction Cost for Floor Plan Area 11

Category

Estimated Construction Cost Subtotal for TAS Improvements Excluding Division 1282,595.03

Sub Total for System 8 items \$3,237,367

Oty LIoM

Driority

Structural

Deficiency Category Qty UoM Priority Repair Cost Structural Study Recommended \$6,455 Deferred 1 Job 6813 Maintenance

Structural study to detail scope of work based on the 2017 crawlspace deficiencies provided by AISD Note:

> Sub Total for System 1 items

Sub Total for School and Site Level 9 items \$3,243,822

Building: 170A - Main building includes Administration Offices, Classrooms, Cafeteria, & Gym.

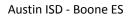
Roofing Deficiency

Deliciency	Calegory	Qiy C	JUIVI	FIIOTILY	Kepali Cost	
AISD ROOFING P1	Capital Renewal	16,531 E	EACH	1	\$16,531	2248
AISD ROOFING P2	Capital Renewal	166,050 E	EACH	1	\$166,046	2249
AISD ROOFING P3	Capital Renewal	1,424,630 E	EACH	1	\$1,424,599	2250
	Sub Total for System	3 it	tems		\$1,607,176	
Exterior						
Deficiency	Category	Qty L	JoM	Priority	Repair Cost	ID
Aluminum Window Replacement	Capital Renewal	1,224 S	SF	2	\$122,066	2350
Aluminum Window Replacement	Capital Renewal	60 8	SF	2	\$5,984	2351
	Sub Total for System	2 it	tems		\$128,049	
Interior						
Deficiency	Category	Qty L	JoM	Priority	Repair Cost	ID
Acoustical Ceiling Tile Replacement	Capital Renewal	100 S	SF	4	\$338	826
Note: Stained Tiles						
Location: Throughout building and Room D4						
Metal Interior Door Replacement	Capital Renewal	4 [Door	4	\$11,575	841

Rusted Doors Location: Kitchen Area

M-A-P-PS ©, Jacobs 2022







Interior

Deficiency		Category	Qty UoM	Priority	Repair Cost	ID
Toilet Partition Replac	cement	Capital Renewal	8 Stall	4	\$16,132	836
Note:	Rusted/deteriorated/old					
Location:	Restrooms	0.1.7.4.1604			***	
		Sub Total for System	3 items	i	\$28,045	
Mechanical						
Deficiency		Category	Qty UoM	Priority	Repair Cost	ID
Cast Iron Water Boile		Capital Renewal	1 Ea.	2	\$41,601	895
Note:	Unit is beyond its useful life and need to be replaced.					
	Mechanical Room					
	g Tower Replacement	Capital Renewal	1 Ea.	2	\$57,829	899
Note:	Unit is beyond its useful life and needs to be replaced.					
	Mechanical Yard					
Fan Coil HVAC Comp	ponent Replacement	Capital Renewal	1 Ea.	2	\$2,617	900
Note:	Unit is beyond its useful life and needs to be replaced.					
Location:	Serving kitchen above ceiling					
Sas Unit Heater Repl	acement	Capital Renewal	1 Ea.	2	\$2,796	898
Note:	Unit is beyond its useful life and needs to be replaced.					
Location:	Mechanical Room					
leat Exchanger Repl	acement	Capital Renewal	1 Ea.	2	\$241,636	897
Note:	Unit is beyond its useful life and needs to be replaced.					
Location:	Mechanical Room					
Circulation Pump Rep	placement	Capital Renewal	2 Ea.	3	\$28,763	905
Note:	Unit is beyond its useful life and needs to be replaced.					
Location:	Mechanical Room					
(itchen Exhaust Hoo	d Replacement	Capital Renewal	3 Ea.	3	\$33,574	909
Note:	Units are beyond its useful life and needs to be replaced.					
Location:	Kitchen					
Replace Variable Fre	quency Drive	Capital Renewal	2 Ea.	3	\$10,446	901
Note:	Unit is beyond its useful life and needs to be replaced.					
Location:	Mechanical Room					
Circulation Pump Rep	placement	Capital Renewal	2 Ea.	4	\$8,626	903
Note:	Unit is beyond its useful life and needs to be replaced.					
Location:	Mechanical Room					
Circulation Pump Rep	placement	Capital Renewal	1 Ea.	4	\$4,313	904
Note:	Unit is beyond its useful life and needs to be replaced.					
Location:	Mechanical Room					
Kitchen Air/Exhaust F	Replacement	Capital Renewal	2 Ea.	4	\$21,097	907
Note:	Unit is beyond its useful life and needs to be replaced.					
Location:	Roof					
		Sub Total for System	11 items	;	\$453,298	
Electrical						
Deficiency		Category	Qty UoM	Priority	Repair Cost	ID
Distribution Panel Re	placement	Capital Renewal	1 Ea.	2	\$17,802	861
Note:	Age	ouphui rionomai	. 24.	_	ψ,oo2	
	DP/Main Mechanical Room					
Distribution Panel Re		Capital Renewal	1 Ea.	2	\$16,905	863
Note:	Age	Capital Nonewal	ı Lu.	_	ψ10,303	000
	MTDP/Main Mechanical Room					
ectrical Transforme		Capital Renewal	1 Ea.	2	\$9,908	848
	•	Capital Nellewal	ı Ea.	4	φ 3 , 3 0δ	040
Note:	Age Main Flootrical					
	Main Electrical	Capital Banaval	4 Fa	2	ድ ስ ሰብር	050
Electrical Transforme	·	Capital Renewal	1 Ea.	2	\$9,908	852
Note:	Age					
Location:	Main Electrical					

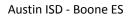






Deficiency	Category	Qty UoM	Priority	Repair Cost	ID
Electrical Transformer Replacement	Capital Renewal	4 Ea.	2	\$16,912	854
Note: Age					
Location: Book Room					
Electrical Transformer Replacement	Capital Renewal	1 Ea.	2	\$5,358	855
Note: Age					
Location: Electrical Room 2					
Electrical Transformer Replacement	Capital Renewal	1 Ea.	2	\$5,519	857
Note: Age					
Location: Electrical Room 3					
Electrical Transformer Replacement	Capital Renewal	1 Ea.	2	\$5,358	858
Note: Age					
Location: Telecom Room					
Electrical Transformer Replacement	Capital Renewal	1 Ea.	2	\$7,287	860
Note: Age					
Location: Cafe Electrical Room					
Generator Replacement	Capital Renewal	5 Ea.	2	\$112,098	2349
Panelboard Replacement	Capital Renewal	1 Ea.	2	\$12,342	866
Note: Age L1				, , , ,	
Location: Main Electrical Room					
Panelboard Replacement	Capital Renewal	1 Ea.	2	\$5,500	867
Note: Age L5	Capital Notional	1 20.	-	φο,σσσ	001
Location: Book Room					
Panelboard Replacement	Capital Renewal	1 Ea.	2	\$2,782	868
·	Capital Reflewal	ı La.	2	φ2,702	000
G					
Location: Electrical Room 2	Capital Banawal	4 5-	0	#40.004	000
Panelboard Replacement	Capital Renewal	1 Ea.	2	\$13,891	869
Note: Age					
Location: Main Mechanical Roo,					
Panelboard Replacement	Capital Renewal	1 Ea.	2	\$9,372	870
Note: Age L3 (Left and Right)					
Location: Electrical Room 3					
Panelboard Replacement	Capital Renewal	2 Ea.	2	\$5,564	871
Note: Age/L3 (Left and Right)					
Location: Electrical Room 3					
Panelboard Replacement	Capital Renewal	1 Ea.	2	\$9,372	872
Note: Age/H3-1					
Location: Electrical Room 3					
Panelboard Replacement	Capital Renewal	1 Ea.	2	\$13,891	873
Note: Age/H3-2					
Location: Electrical Room 3					
Panelboard Replacement	Capital Renewal	1 Ea.	2	\$2,782	874
Note: Age/C2					
Location: Telecom Room					
Panelboard Replacement	Capital Renewal	1 Ea.	2	\$9,372	875
Note: Age / H2	·				
Location: Telecomm Room					
Panelboard Replacement	Capital Renewal	1 Ea.	2	\$9,372	876
Note: Age, Safety exposed bus/H6				**,**=	
Location: Cafe Electrical Room					
Panelboard Replacement	Capital Renewal	1 Ea.	2	\$5,500	877
Note: Age / L6	Capital Nonowal	, Lu.	-	ψο,σσο	011
Location: cafe electrical room					
	Conital Banavial	1 5-	2	¢2 702	970
Panelboard Replacement	Capital Renewal	1 Ea.	2	\$2,782	018
Note: Age / 100A					
Location: Stage					

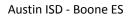






Deficiency		Category	Qty UoM	Priority	Repair Cost	ID
Panelboard Replacer	ment	Capital Renewal	1 Ea.	2	\$12,342	879
Note:	Age / K(Right)					
Location:	Kitchen					
Panelboard Replacer	ment	Capital Renewal	1 Ea.	2	\$12,342	880
Note:	Age / K(Left)					
Location:	Kitchen					
Panelboard Replacer	ment	Capital Renewal	1 Ea.	2	\$6,688	881
Note:	Age / HK					
Location:	Kitchen					
Panelboard Replacer	ment	Capital Renewal	1 Ea.	2	\$2,782	882
Note:	Age/KS					
Location:	Kitchen					
Panelboard Replacer	ment	Capital Renewal	2 Ea.	2	\$27,782	883
Note:	Age / H1 (Left and Right)	•				
Location:	Main Electrical Room					
Panelboard Replacer	ment	Capital Renewal	2 Ea.	2	\$18,745	884
Note:	Age / H5 (Left and Right)	•				
Location:	Book Room					
Switchgear Replacer	nent	Capital Renewal	2 Ea.	2	\$76,774	847
Note:	ALE/Switchgear, MSB Main Electrical	•				
		Sub Total for System	30 items		\$467,030	
Plumbing		•				
Deficiency		Category	Qty UoM	Priority	Repair Cost	ID
Water Heater Replace	ement	Capital Renewal	1 Ea.	2	\$1,264	886
Note:	Unit is beyond useful life and needs to be replaced	Capital Hollowal	. Lu.	-	Ψ1,201	000
	Janitors closet C03					
Water Heater Replace		Capital Renewal	1 Ea.	2	\$1,264	2388
Note:	2.5 Gallon	Capital Nonewal	ı Lu.	_	Ψ1,204	2000
	Janitor Closet C03					
Backflow Preventer F		Capital Renewal	1 Ea.	3	\$879	888
Note:	Missing	Capital Nonewal	ı Lu.	J	ΨΟ/ 3	000
Gas Water Heater Re		Capital Renewal	1 Ea.	3	\$6,384	887
Note:	Unit is beyond useful Life and needs to be replaced.	ouphur Noriowar	. Lu.	Ü	φο,σο ι	007
	Mechanical Room					
	rvice Sink Replacement	Capital Renewal	5 Ea.	4	\$3,979	891
Note:	All plumbing fixtures are considered original to the building construc	•			. ,	001
	Janitor's closet	sion date and are beyond it	5 400141 III O. 1400	a to bo topi	acca.	
	nking Fountain Replacement	Capital Renewal	7 Ea.	4	\$16,686	894
Note:	All plumbing fixtures are considered original to the building construc	•				
	Hallways	such date and are popular.	5 400.41 mgr 1100	u 10 50 10p.	acca.	
	Plumbing Fixtures Replacement	Capital Renewal	6 Ea.	4	\$16,298	890
Note:	All plumbing fixtures are considered original to the building construct	•				000
	Throughout Restrooms	suon date dila die 20yena i	5 455.4. m.c. 1155	u 10 50 10p.	acca.	
		Sub Total for System	7 items		\$46,753	
Fire and Life S	Safety				, , •	
	Juloty	Catagory	Oty HoM	Driority	Popoir Cost	ID
Deficiency Fire Alarm Panel Rep	placement	Category Capital Renewal	Qty UoM 1 Ea.	Priority 1	Repair Cost \$6,868	1D 885
Note:	Age	Japitai Kollewai	ı La.	•	ψ0,000	000
	n Replacement (SF Basis)	Capital Renewal	63,672 SF	1	\$663,339	908
Note:	Missing	Japitai Nellewai	00,072 01	į	ψυυυ,υυθ	300
	Building Wide					
Location	Danding Wildo	Sub Total for System	2 items		\$670,207	
		Sub rotal for Gystelli	Z Itellis		ψ010,201	



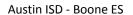




Specialties

Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID
Replace Cabinetry In	Classes/Labs	Capital Renewal	35	Room	4	\$308,066	845
Note:	Deteriorated/old						
Location	Building Wide						
		Sub Total for System	1	items		\$308,066	
Crawlspace							
Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID
	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	538,399	Ea.	5	\$632,539	6814
Note:	SOIL/DRAINAGE BELOW BUILDING - improve drainage - 64467 G			_			
CRAWL SPACE DEF	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	88,401	Ea.	5	\$103,858	6815
Note:	PERIMETER SOIL RETAINERS - repair - 2117 LF						
CRAWL SPACE DEF	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	278,173	Ea.	5	\$326,812	6816
Note:	CRAWL SPACE ACCESS/VENTILATION - improve ventilation - 64-	467 GSF					
CRAWL SPACE DEF	CICIENCIES - Estimate and Info by AISD	Deferred Maintenance	8,352	Ea.	5	\$9,812	6817
Note:	CRAWL SPACE ACCESS/VENTILATION - repair access - 3 EA						
CRAWL SPACE DEF	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	29,467	Ea.	5	\$34,619	6818
Note:	SPECIAL FOUNDATIONS - repair perimter - 2117 LF						
CRAWL SPACE DEF	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	44,867	Ea.	5	\$52,712	6819
	SUSPENDED FLOOR BEAMS - repair beams - 64467 GSF						
Note:		Deferred	89,733	Ea.	5	\$105,423	6820
	ICIENCIES - Estimate and Info by AISD	Maintenance					
	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF						
Note: Sub Total for Building	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF	Maintenance Sub Total for System coms, Cafeteria, & Gym.		items items		\$1,265,775 \$4,974,399	
Note: Sub Total for Buildi Building: 17 Mechanical	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF	Maintenance Sub Total for System poms, Cafeteria, & Gym.	66	items	Priority	\$4,974,399	ID
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF ng 170A - Main building includes Administration Offices, Classro 70B - Stand-Alone Classroom Building	Maintenance Sub Total for System coms, Cafeteria, & Gym.	66 Qty		Priority 2		ID 919
Note: Sub Total for Building: 17 Mechanical Deficiency Heat Pump HVAC Connection	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF	Maintenance Sub Total for System poms, Cafeteria, & Gym. Category	66 Qty	items UoM		\$4,974,399 Repair Cost	
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency Heat Pump HVAC Co	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF Ing 170A - Main building includes Administration Offices, Classro 70B - Stand-Alone Classroom Building Imponent Replacement Equipment uses R-22 refrigerant and is obsolete Mechanical Mezzanine	Maintenance Sub Total for System poms, Cafeteria, & Gym. Category	Qty 9	items UoM		\$4,974,399 Repair Cost	
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency Heat Pump HVAC Co Note: Location: Energy Recovery Un Note:	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF Ing 170A - Main building includes Administration Offices, Classro 70B - Stand-Alone Classroom Building Imponent Replacement Equipment uses R-22 refrigerant and is obsolete Mechanical Mezzanine	Maintenance Sub Total for System poms, Cafeteria, & Gym. Category Capital Renewal	Qty 9	UoM Ea.	2	\$4,974,399 Repair Cost \$80,169	919
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency Heat Pump HVAC Co Note: Location: Energy Recovery Un Note:	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF Ing 170A - Main building includes Administration Offices, Classro TOB - Stand-Alone Classroom Building Imponent Replacement Equipment uses R-22 refrigerant and is obsolete Mechanical Mezzanine It Replacement Unit is beyond its useful life and needs to be replaced.	Maintenance Sub Total for System froms, Cafeteria, & Gym. Category Capital Renewal Capital Renewal	Qty 9	UoM Ea.	2	\$4,974,399 Repair Cost \$80,169 \$27,087	919
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency Heat Pump HVAC Co Note: Location: Energy Recovery Un Note: Location:	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF Ing 170A - Main building includes Administration Offices, Classro TOB - Stand-Alone Classroom Building Imponent Replacement Equipment uses R-22 refrigerant and is obsolete Mechanical Mezzanine It Replacement Unit is beyond its useful life and needs to be replaced.	Maintenance Sub Total for System poms, Cafeteria, & Gym. Category Capital Renewal	Qty 9	UoM Ea.	2	\$4,974,399 Repair Cost \$80,169	919
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency Heat Pump HVAC Co. Note: Location: Energy Recovery Un Note: Location:	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF Ing 170A - Main building includes Administration Offices, Classro TOB - Stand-Alone Classroom Building Imponent Replacement Equipment uses R-22 refrigerant and is obsolete Mechanical Mezzanine It Replacement Unit is beyond its useful life and needs to be replaced.	Maintenance Sub Total for System coms, Cafeteria, & Gym. Category Capital Renewal Capital Renewal Sub Total for System	9 1 2	UoM Ea. Ea. items	3	\$4,974,399 Repair Cost \$80,169 \$27,087 \$107,256	919
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency Heat Pump HVAC Co Note: Location: Energy Recovery Un Note: Location:	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF Ing 170A - Main building includes Administration Offices, Classro TOB - Stand-Alone Classroom Building Imponent Replacement Equipment uses R-22 refrigerant and is obsolete Mechanical Mezzanine It Replacement Unit is beyond its useful life and needs to be replaced. Mechanical Mezzanine	Maintenance Sub Total for System froms, Cafeteria, & Gym. Category Capital Renewal Capital Renewal Sub Total for System Category	9 1 2 Qty	UoM Ea. Ea. items	2 3 Priority	\$4,974,399 Repair Cost \$80,169 \$27,087 \$107,256 Repair Cost	919 920 ID
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency Heat Pump HVAC Co Note: Location: Energy Recovery Un Note: Location: Electrical Deficiency Exterior Dry Type Tra	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF Ing 170A - Main building includes Administration Offices, Classro TOB - Stand-Alone Classroom Building Imponent Replacement Equipment uses R-22 refrigerant and is obsolete Mechanical Mezzanine It Replacement Unit is beyond its useful life and needs to be replaced. Mechanical Mezzanine	Maintenance Sub Total for System coms, Cafeteria, & Gym. Category Capital Renewal Capital Renewal Sub Total for System	9 1 2 Qty	UoM Ea. Ea. items	3	\$4,974,399 Repair Cost \$80,169 \$27,087 \$107,256	919
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency Heat Pump HVAC Co Note: Location: Energy Recovery Un Note: Location: Electrical Deficiency Exterior Dry Type Tra Note:	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF Ing 170A - Main building includes Administration Offices, Classro TOB - Stand-Alone Classroom Building Imponent Replacement Equipment uses R-22 refrigerant and is obsolete Mechanical Mezzanine It Replacement Unit is beyond its useful life and needs to be replaced. Mechanical Mezzanine Insformer Replacement Corroded	Maintenance Sub Total for System froms, Cafeteria, & Gym. Category Capital Renewal Capital Renewal Sub Total for System Category	9 1 2 Qty	UoM Ea. Ea. items	2 3 Priority	\$4,974,399 Repair Cost \$80,169 \$27,087 \$107,256 Repair Cost	919 920 ID
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency Heat Pump HVAC Co Note: Location: Energy Recovery Un Note: Location: Electrical Deficiency Exterior Dry Type Tra Note: Location:	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF Ing 170A - Main building includes Administration Offices, Classro TOB - Stand-Alone Classroom Building Imponent Replacement Equipment uses R-22 refrigerant and is obsolete Mechanical Mezzanine It Replacement Unit is beyond its useful life and needs to be replaced. Mechanical Mezzanine Insformer Replacement Corroded	Maintenance Sub Total for System froms, Cafeteria, & Gym. Category Capital Renewal Capital Renewal Sub Total for System Category	9 1 2 Qty	UoM Ea. items UoM Ea.	2 3 Priority	\$4,974,399 Repair Cost \$80,169 \$27,087 \$107,256 Repair Cost	919 920 ID
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency Heat Pump HVAC Co Note: Location: Energy Recovery Un Note: Location: Electrical Deficiency Exterior Dry Type Tra Note: Location:	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF Ing 170A - Main building includes Administration Offices, Classro TOB - Stand-Alone Classroom Building Imponent Replacement Equipment uses R-22 refrigerant and is obsolete Mechanical Mezzanine It Replacement Unit is beyond its useful life and needs to be replaced. Mechanical Mezzanine Insformer Replacement Corroded West	Maintenance Sub Total for System forms, Cafeteria, & Gym. Category Capital Renewal Sub Total for System Category Capital Renewal Deferred Maintenance	Qty 9 1 2 Qty 1 10,017	UoM Ea. Ea. items UoM Ea. SF	2 3 Priority 2	\$4,974,399 Repair Cost \$80,169 \$27,087 \$107,256 Repair Cost \$20,081	919 920 ID 916
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency Heat Pump HVAC Co. Note: Location: Energy Recovery Un Note: Location: Electrical Deficiency Exterior Dry Type Tra Note: Location: Location: Location: Location:	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF Ing 170A - Main building includes Administration Offices, Classro TOB - Stand-Alone Classroom Building Imponent Replacement Equipment uses R-22 refrigerant and is obsolete Mechanical Mezzanine It Replacement Unit is beyond its useful life and needs to be replaced. Mechanical Mezzanine Insformer Replacement Corroded West Terminal Replacement	Maintenance Sub Total for System forms, Cafeteria, & Gym. Category Capital Renewal Capital Renewal Sub Total for System Category Category Category Capital Renewal	Qty 9 1 2 Qty 1 10,017	UoM Ea. items UoM Ea.	2 3 Priority 2	\$4,974,399 Repair Cost \$80,169 \$27,087 \$107,256 Repair Cost \$20,081	919 920 ID 916
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency Heat Pump HVAC Co Note: Location: Energy Recovery Un Note: Location: Electrical Deficiency Exterior Dry Type Tra Note: Location: Location: Location:	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF Ing 170A - Main building includes Administration Offices, Classro TOB - Stand-Alone Classroom Building Imponent Replacement Equipment uses R-22 refrigerant and is obsolete Mechanical Mezzanine It Replacement Unit is beyond its useful life and needs to be replaced. Mechanical Mezzanine Insformer Replacement Corroded West Terminal Replacement	Maintenance Sub Total for System forms, Cafeteria, & Gym. Category Capital Renewal Sub Total for System Category Capital Renewal Deferred Maintenance Sub Total for System	Qty 9 1 2 Qty 1 10,017	UoM Ea. items UoM Ea. SF	2 3 Priority 2	\$4,974,399 Repair Cost \$80,169 \$27,087 \$107,256 Repair Cost \$20,081 \$1,680 \$21,761	919 920 ID 916
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency Heat Pump HVAC Co. Note: Location: Energy Recovery Un. Note: Location: Electrical Deficiency Exterior Dry Type Tra Note: Location: Location: Location: Plumbing Deficiency	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF Ing 170A - Main building includes Administration Offices, Classro TOB - Stand-Alone Classroom Building Imponent Replacement Equipment uses R-22 refrigerant and is obsolete Mechanical Mezzanine It Replacement Unit is beyond its useful life and needs to be replaced. Mechanical Mezzanine Insformer Replacement Corroded West Terminal Replacement Building wide	Maintenance Sub Total for System forms, Cafeteria, & Gym. Category Capital Renewal Capital Renewal Sub Total for System Category Capital Renewal Deferred Maintenance Sub Total for System Category Category	Qty 9 1 2 Qty 1 10,017 2 Qty	UoM Ea. items UoM Ea. sF items	2 3 Priority 2 3	\$4,974,399 Repair Cost \$80,169 \$27,087 \$107,256 Repair Cost \$20,081 \$1,680 \$21,761 Repair Cost	919 920 ID 916 915
Note: Sub Total for Buildi Building: 17 Mechanical Deficiency Heat Pump HVAC Concentration: Energy Recovery University Note: Location: Electrical Deficiency Exterior Dry Type Transport Note: Location: Location: Location: Location: Plumbing Deficiency Water Heater Replace Note:	SUSPENDED FLOOR SLABS - repair slab bottom - 64467 GSF Ing 170A - Main building includes Administration Offices, Classro TOB - Stand-Alone Classroom Building Imponent Replacement Equipment uses R-22 refrigerant and is obsolete Mechanical Mezzanine It Replacement Unit is beyond its useful life and needs to be replaced. Mechanical Mezzanine Insformer Replacement Corroded West Terminal Replacement Building wide	Maintenance Sub Total for System forms, Cafeteria, & Gym. Category Capital Renewal Sub Total for System Category Capital Renewal Deferred Maintenance Sub Total for System	Qty 9 1 2 Qty 1 10,017 2 Qty	UoM Ea. items UoM Ea. SF	2 3 Priority 2	\$4,974,399 Repair Cost \$80,169 \$27,087 \$107,256 Repair Cost \$20,081 \$1,680 \$21,761	919 920 ID 916







Fire and Life Safety

Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID
Fire Sprinkler Syste	m Replacement (SF Basis)	Capital Renewal	10,017	SF	1	\$104,358	921
Note:	Missing						
Location	n: Building Wide						
		Sub Total for System	1	items		\$104,358	
Specialties							
Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID
Replace Cabinetry I	n Classes/Labs	Capital Renewal	8	Room	4	\$70,415	913
Note:	Peeling/Overall deteriorated						
Location	n: All Classrooms						
		Sub Total for System	1	items		\$70,415	
Crawlspace							
Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	76,817	Ea.	5	\$90,249	6821
Note:	SOIL/DRAINAGE BELOW BUILDING - improve drainage - 9	198 GSF					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	17,956	Ea.	5	\$21,096	6822
Note:	PERIMETER SOIL RETAINERS - repair - 430 LF						
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	51,212	Ea.	5	\$60,166	6823
Note:	CRAWL SPACE ACCESS/VENTILATION - Improve ventilati	on - 9198 GSF					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	5,568	Ea.	5	\$6,542	6824
Note:	CRAWL SPACE ACCESS/VENTILATION - repair acess - 2	EA					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	51,212	Ea.	5	\$60,166	6825
Note:	STANDARD FOUNDATIONS - repair columns - 9198 GSF						
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	51,212	Ea.	5	\$60,166	6826
Note:	SUSPENDED FLOOR SLABS - repair slab bottom - 9198 G	SF					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	97,435	Ea.	5	\$114,472	6827
Note:	CRAWL SPACE, EXPOSED PIPES - CRAWL SPACE, EXP	OSED PIPES - 1 LS					
		Sub Total for System	7	items		\$412,857	
	Sub Total for Building 170B - Sta	and-Alone Classroom Building	14	items		\$718,781	
		Total for Campus	89	items		\$8,937,003	

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Boone ES - Life Cycle Summary Yrs 1-10

Building: 170A - Main building includes Administration Offices, Classrooms, Cafeteria, & Gym.

Roofing

Rooming						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Canopy Roofing	Steel panels		2,175	SF	\$110,348	5
		Sub Total for System	1	items	\$110,348	
Exterior						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Exterior Entrance Doors	Steel - Insulated and Painted		12	Door	\$44,484	2
Exterior Entrance Doors	Storefront Doors - Glass/Aluminum		22	Door	\$87,318	2
Exterior Wall Veneer	Metal Panel - Bldg SF basis		9,551	SF	\$34,117	6
		Sub Total for System	3	items	\$165,919	
Interior						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Wall Paneling	Wood Panel wall		19,102	SF	\$299,559	4
Interior Swinging Doors	Wooden Door		168	Door	\$315,101	4
Interior Door Supplementary Components	Door Hardware		190	Door	\$282,075	4
Suspended Plaster and	Painted ceilings		3,184	SF	\$6,631	5
Acoustical Suspended Ceilings	Exposed Tectum Ceilings		3,820	SF	\$49,685	5
Wall Painting and Coating	Painting/Staining (Bldg SF)		1	SF	\$4	5
Carpeting	Carpet		6,367	SF	\$80,607	5
Resilient Flooring	Vinyl Composition Tile Flooring		47,754	SF	\$390,518	5
Interior Swinging Doors	Metal Door (Steel)		22	Door	\$63,664	5
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles		54,121	SF	\$182,753	6
Tile Wall Finish	Ceramic Tile wall		3,820	SF	\$31,713	8
Tile Flooring	Ceramic Tile		2,547	SF	\$44,999	8
Tile Flooring	Quarry Tile		2,547	SF	\$69,627	9
Compartments and Cubicles	Toilet Partitions			Stall	\$16,132	10
Athletic Flooring	Athletic/Sport Flooring		3,184		\$48,847	10
Wood Flooring	Wood Flooring - All Types		637		\$13,721	10
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Sub Total for System		items	\$1,895,637	
Mechanical						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Heating System Supplementary	Controls - Electronic (Bldg.SF)	II.	63,672		\$98,523	3
Components Decentralized Cooling	Hoot Rump (10 Top)		47	Ea.	¢1 120 077	4
Decentralized Cooling	Heat Pump (10 Ton)				\$1,130,077	4
Air Distribution	Make-up Air Unit		2	Ea.	\$17,777	4
	: Roof		-	F-	©40.404	-
Exhaust Air	Roof Exhaust Fan - Large			Ea.	\$40,181	5
Exhaust Air	Wall Exhaust Fan			Ea.	\$14,194	5
Facility Hydronic Distribution	2-Pipe System (Cold)		63,672		\$113,856	6
Facility Hydronic Distribution	2-Pipe Water System (Hot)		63,672		\$270,863	6
Heat Generation	Boiler - Copper Tube (1200 MBH)		1	Ea.	\$55,544	7
	: HydroTherm KM-10			_		
Heat Generation	Boiler - Cast Iron - Water (1275 MBH)		1	Ea.	\$41,601	10
	: Teledyne Laars			_		
Central Cooling	Cooling Tower - Metal (300 Tons)			Ea.	\$57,829	10
Other HVAC Distribution Systems	VFD (7.5 HP)			Ea.	\$10,446	10
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)			Ea.	\$8,626	10
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)			Ea.	\$4,313	10
Facility Hydronic Distribution	Pump- 25HP (Ea.)			Ea.	\$28,763	10
Exhaust Air	Kitchen Exhaust Hoods			Ea.	\$33,574	10
Flactrical		Sub Total for System	15	items	\$1,926,167	
Electrical	107 . 5		_			
Uniformat Description	LC Type Description			UoM		Remaining Life
Lighting Fixtures	Building Mounted Fixtures (Ea.)			Ea.	\$1,803	6
Parking Lot Lighting	Pole Lighting			Ea.	\$29,098	6
Electrical Service	Transformer (112.5 KVA)		1	Ea.	\$9,908	8







Peace Institution	Uniformat Description	LC	C Type Description		Qty	UoM	Repair Cost	Remaining Life
Power Destrolation	Electrical Service	Tr	ansformer (75 KVA)	'	1	Ea.	\$7,287	8
March Widen Systems	Power Distribution	Pa	anelboard - 120/208 400A		2	Ea.	\$24,683	8
Destributed Systems Public Address Systems Hoad Embruse 1 Ea. 57.207 8 B	Power Distribution	Pa	anelboard - 120/208 225A		1	Ea.	\$5,500	8
	Audio-Video Systems	P/	A Communications No Head Unit (Bldg SF)		63,672	SF	\$45,072	8
Lighting Faltures	Distributed Systems	Pι	ublic Address System Head End Unit		1	Ea.	\$7,307	8
	1	lote: Co	onnects to all VOIP phones					
	Lighting Fixtures	В	uilding Mounted Fixtures (Ea.)		6	Ea.	\$5,410	8
Power Wiring Sub Total for System Size Str. Str. Str. Str. Str. Str. Str. Str.	Lighting Fixtures	Ca	anopy Mounted Fixtures (Ea.)		20	Ea.	\$41,659	10
Pulmbing Demonstration	Lighting Fixtures	Lig	ght Fixtures (Bldg SF)		63,672	SF	\$1,167,652	10
	Power Distribution	Po	ower Wiring		63,672	SF	\$75,622	10
Uniformed Description				Sub Total for System	12	items	\$1,421,003	
Uniformed Description	Plumbing							
Demostor Water Equipment	<u>-</u>	LC	C Type Description		Qtv	UoM	Repair Cost	Remaining Life
Demestic Water Pipring Secretary Septem (Bids SF) 63,872 SF 5228,800 6 8 8 8 8 8 8 8 8 8	· · · · · · · · · · · · · · · · · · ·							
Santiany Sewerape Piping Santiany Sewer Piping (1986) Sewerape Piping Pixtures (1986) Sewerape Piping Pixtures (1986) Sewarape Sewara								
Plumbing Fistures Classroom Lavatory 40 Ea. \$102,580 6 Plumbing Fistures Restroom Lavatory 6 Ea. \$102,580 6 Plumbing Fistures 7 tollets 42 Ea. \$212,694 6 Plumbing Fistures 1 tollets 42 Ea. \$212,694 6 Domestic Water Equipment Water Heater - Class - 100 Callon 1 Ea. \$5,394 10 Domestic Water Equipment Water Heater - Class - 100 Callon 7 Ea. \$5,394 10 Domestic Water Equipment Water Heater - Class - 100 Callon 7 Ea. \$5,394 10 Domestic Water Equipment Water Heater - Class - 100 Callon 7 Ea. \$5,394 10 Domestic Water Equipment 10 times 12,265,794 10 Domestic Water Equipment 10 times 10 Domestic Water Equipment 10 Domestic Water Equipm	· -							
Plumbing Fixtures Restroom Lavatory 6 Ea. \$16,298 6			· · · · · · · · · · · · · · · · · · ·		,			
Plumbing Fixtures Claim								
Plumbling Fatures Urinals Ur	•		•					
Domestic Water Equipment Water Heater - Electric - 5 to 10 gallon 1 Ea. \$1,264 10	•							
Domestic Water Equipment Water Heater - Gas - 100 Gallon 1 Ea. \$6.384 10 Plumbing Fixtures Non-Refrigerated Drinking Fountain 3ub Total for System 10 learns \$28,657,68 10 Plumbing Fixtures Sub Total for System 10 learns \$28,657,68 10 Plumbing Fixtures Sub Total for System 10 learns \$28,657,68 10 Plumbing Fixtures Sub Total for System 10 learns \$28,657,68 10 Plumbing Fixtures Sub Total for System 10 learns \$28,677,655 10 Plumbing Life Time Detection and Alam Fire Alarm 63,672 5F \$1140,555 4 Security System Component Security Alarm System Sub Total for Building 170A - Main building includes Administration Offices, Classrooms, Caleteria, & Gym Spitem \$28,73,755 \$4,045,75	•							
Plumbing Fixtures Non-Refrigerated Drinking Fountain Sub Total for System 10 items \$2,265,765 \$1.0 \$2,265,765 \$1.0 \$1								
Sub Total for System 10 Items \$2,865,768								
Fire and Life Safety LC Type Description LC Type Description LC Type Description Qny UoM Repair Cost Remaining Life Fire Detection and Alam Fire Alarm 63,672 SF \$114,005 4 Security System Component Security Alarm System Sub Total for System 2 terms \$24,675 5 Sub Total for Building 170A - Main building includes Administration Offices, Classrooms, Cafeteria, & Gym. 59 terms \$8,632,496 5 Building: 170B - Stand-Alone Classroom Building: Sub Total for System 50 terms \$8,632,496 5 Exterior Uniformat Description LC Type Description Qct UM Repair Cost Remaining Life Exterior Centrance Doors Steel - Insulated and Painted 4 Door \$14,828 4 Interior Or LC Type Description Qty UM Repair Cost Remaining Life Interior Or LC Type Description Qty UM Repair Cost Remaining Life Interior Or LC Type Description Qty UM Repair Cost Remaining Life <td< td=""><td>Plumbing Fixtures</td><td>INC</td><td>on-Reingerated Drinking Fountain</td><td>Cub Tatal for Custom</td><td></td><td></td><td></td><td>10</td></td<>	Plumbing Fixtures	INC	on-Reingerated Drinking Fountain	Cub Tatal for Custom				10
Uniformat Description LC Type Description Ct Type Descriptio				Sub Total for System	10	items	\$2,865,768	
Fire Detection and Alarm	Fire and Life Safety							
Security System Component Security Alarm System Sub Total for System 2 items \$3.472 \$55 \$146.555 \$4	Uniformat Description	LC	C Type Description		Qty	UoM	Repair Cost	Remaining Life
Sub Total for System 2 Items \$247,655 \$36.92,496 \$36.92,49	Fire Detection and Alarm	Fi	re Alarm		63,672	SF	\$101,100	3
Sub Total for Building 170A - Main building includes Administration Offices, Classrooms, Cafeteria, & Gym. 59 tems \$8,632,496 SEXEPTION STANDA-Alone Classroom Building	The Detection and Alaim					~-		
Description LC Type Description State of Description LC Type Description LC Type Description State of State of Description State of Description State of State	Security System Component	Se	ecurity Alarm System		63,672	SF	\$146,555	4
Duniformat Description	Security System Component			•	2	items	\$247,655	4
Duniformat Description	Security System Component			•	2	items	\$247,655	4
Uniformat Description LC Type Description Qt/Uniformat Quality Repair Cost Remaining List Exterior Operating Windows Aluminum - Windows per SF 261 SF \$26,029 4 Exterior Entrance Doors Steel - Insulated and Painted 261 Form \$14,628 4 Sub Total for System 2 tems \$40,607 \$14,628 4 Interior Uniformat Description LC Type Description Qt/Uniformat Quality Wold Own Repair Cost Remaining List Acoustical Suspended Ceilings Ceilings - Acoustical Tiles 9,516 SF \$32,133 3 Wall Coverings Wooden Door 39 Door \$73,148 3 Wall Painting and Coating Painting/Staining (Bldg SF) 9,516 SF \$42,646 4 Suspended Plaster and Painted ceilings Ceilings - Acoustical Grid System 10,017 SF \$81,916 5 Resilient Flooring Vinyl Composition Tile Flooring Sub Total for System 8 tems \$32,96 8 <td>Security System Component Sub Total for Building 170</td> <td>A - Main</td> <td>building includes Administration Offices, Clas</td> <td>•</td> <td>2</td> <td>items</td> <td>\$247,655</td> <td>4</td>	Security System Component Sub Total for Building 170	A - Main	building includes Administration Offices, Clas	•	2	items	\$247,655	4
Exterior Operating Windows Aluminum - Windows per SF 261 SF \$26,029 4	Sub Total for Building 170 Building: 170B - Stand	A - Main	building includes Administration Offices, Clas	•	2	items	\$247,655	4
Steel - Insulated and Painted Sub Total for System 2 Icms \$40,857	Security System Component Sub Total for Building 170	A - Main	building includes Administration Offices, Clas	•	2	items	\$247,655	4
Sub Total for System	Sub Total for Building 170 Building: 170B - Stand	A - Main H-Alo	building includes Administration Offices, Clas	•	2 59	items items	\$247,655 \$8,632,496	
Interior Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life Acoustical Suspended Ceilings Ceilings - Acoustical Tiles 9,516 SF \$32,133 3 Wall Coverings Vinyl/Fabric Wall Covering 50 SF \$236 3 Interior Swinging Doors Wooden Door 39 Door \$73,148 3 Wall Painting and Coating Painting/Staining (Bldg SF) 9,516 SF \$42,640 4 Suspended Plaster and Painted ceilings 501 SF \$1,043 5 Resilient Flooring Vinyl Composition Tile Flooring 10,017 SF \$81,916 5 Acoustical Suspended Ceilings Ceilings - Acoustical Grid System 9,516 SF \$39,627 6 Interior Door Supplementary Components Door Hardware Sub Total for System 8 items \$32,8627 6 Mechanical Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life </td <td>Sub Total for Building 170 Building: 170B - Stand Exterior</td> <td>A - Main</td> <td>building includes Administration Offices, Clas ne Classroom Building Type Description</td> <td>•</td> <td>2 59 Qty</td> <td>items items</td> <td>\$247,655 \$8,632,496 Repair Cost</td> <td>Remaining Life</td>	Sub Total for Building 170 Building: 170B - Stand Exterior	A - Main	building includes Administration Offices, Clas ne Classroom Building Type Description	•	2 59 Qty	items items	\$247,655 \$8,632,496 Repair Cost	Remaining Life
	Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description	A - Main J-Alo	building includes Administration Offices, Classes Topic Description uminum - Windows per SF	•	2 59 Qty 261	items items	\$247,655 \$8,632,496 Repair Cost \$26,029	Remaining Life
Acoustical Suspended Ceilings Ceilings - Acoustical Tiles 9,516 SF \$32,133 3 Mall Coverings Vinyl/Fabric Wall Covering 50 SF \$236 3 Interior Swinging Doors Wooden Door 39 Door \$73,148 3 Wall Painting and Coating Painting/Staining (Bldg SF) 9,516 SF \$42,640 4 Suspended Plaster and Painted ceilings 50 SF \$1,043 5 Resilient Flooring Vinyl Composition Tile Flooring 10,017 SF \$81,916 5 Acoustical Suspended Ceilings Ceilings - Acoustical Grid System 9,516 SF \$39,627 6 Interior Door Supplementary Components Door Hardware 39 Door \$57,900 8 Sub Total for System 8 Items \$328,644 Mechanical Uniformat Description LC Type Description Controls - Electronic (Bldg.SF) 10,017 SF \$15,500 3 Components Controls - Electronic (Bldg.SF) 10,017 SF \$15,500 3 Facility Hydronic Distribution 2-Pipe System (Cold) 10,017 SF \$17,912 5 Facility Hydronic Distribution 2-Pipe Water System (Hot) 10,017 SF \$42,613 5 HVAC Air Distribution Ductwork (Bldg.SF) Sub Total for System 4 Items \$155,283 Electrical Uniformat Description LC Type Description CT Type Description Remaining Life Sub Total for System 4 Items \$155,283 Electrical Uniformat Description LC Type Description CT Type Description Remaining Life Re	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows	A - Main J-Alo	building includes Administration Offices, Classes Topic Description uminum - Windows per SF	srooms, Cafeteria, & Gym.	2 59 Qty 261 4	UoM SF Door	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828	Remaining Life
Acoustical Suspended Ceilings Ceilings - Acoustical Tiles 9,516 SF \$32,133 3 Mall Coverings Vinyl/Fabric Wall Covering 50 SF \$236 3 Interior Swinging Doors Wooden Door 39 Door \$73,148 3 Wall Painting and Coating Painting/Staining (Bldg SF) 9,516 SF \$42,640 4 Suspended Plaster and Painted ceilings 50 SF \$1,043 5 Resilient Flooring Vinyl Composition Tile Flooring 10,017 SF \$81,916 5 Acoustical Suspended Ceilings Ceilings - Acoustical Grid System 9,516 SF \$39,627 6 Interior Door Supplementary Components Door Hardware 39 Door \$57,900 8 Mechanical Uniformat Description LC Type Description Dorthardware Sub Total for System SF \$10,017 SF \$15,500 3 Components Controls - Electronic (Bldg.SF) 10,017 SF \$15,500 3 Facility Hydronic Distribution 2-Pipe System (Cold) 10,017 SF \$17,912 5 Facility Hydronic Distribution 2-Pipe Water System (Hot) 10,017 SF \$17,912 5 Facility Hydronic Distribution Ductwork (Bldg.SF) Sub Total for System 4 Items \$155,283 Electrical Uniformat Description LC Type Description CT Type Description Remaining Life Remainin	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows	A - Main J-Alo	building includes Administration Offices, Classes Topic Description uminum - Windows per SF	srooms, Cafeteria, & Gym.	2 59 Qty 261 4	UoM SF Door	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828	Remaining Life
Wall Coverings Vinyl/Fabric Wall Covering 50 SF \$236 3 Interior Swinging Doors Wooden Door 39 Door \$73,148 3 Wall Painting and Coating Painting/Staining (Bldg SF) 9,516 SF \$42,640 4 Suspended Plaster and Painted ceilings 501 SF \$1,043 5 Resilient Flooring Vinyl Composition Tile Flooring 10,017 SF \$81,916 5 Acoustical Suspended Ceilings Ceilings - Acoustical Grid System 9,516 SF \$39,627 6 Interior Door Supplementary Components Door Hardware Sub Total for System 8 items \$328,644 Mechanical Uniformat Description LC Type Description Ontrols - Standard For System 8 items \$328,644 Well Eating System Supplementary Components Controls - Electronic (Bldg.SF) 10,017 SF \$15,500 3 Featility Hydronic Distribution 2-Pipe System (Cold) 10,017 SF \$17,912 5 Facility	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior	A - Main J-Alo LC Al	building includes Administration Offices, Classes Technology Building Type Description uminum - Windows per SF eel - Insulated and Painted	srooms, Cafeteria, & Gym.	2 59 Qty 261 4 2	UoM SF Door items	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857	Remaining Life 4 4
Note	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description	LC	building includes Administration Offices, Class ne Classroom Building Type Description uminum - Windows per SF eel - Insulated and Painted Type Description	srooms, Cafeteria, & Gym.	2 59 Qty 261 4 2 Qty	UoM SF Door items	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost	Remaining Life 4 4 Remaining Life
Wall Painting and Coating Painting/Staining (Bldg SF) 9,516 SF \$42,640 4 Suspended Plaster and Painted ceilings 501 SF \$1,043 5 Resilient Flooring Vinyl Composition Tile Flooring 10,017 SF \$81,916 5 Acoustical Suspended Ceilings Ceilings - Acoustical Grid System 9,516 SF \$39,627 6 Interior Door Supplementary Components Door Hardware 39 Door \$57,900 8 Sub Total for System 8 items \$328,644 1 Mechanical Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life Heating System Supplementary Components Controls - Electronic (Bldg.SF) 10,017 SF \$15,500 3 Facility Hydronic Distribution 2-Pipe System (Cold) 10,017 SF \$17,912 5 Facility Hydronic Distribution 2-Pipe Water System (Hot) 10,017 SF \$79,259 6 HVAC Air Distribution Ductwork	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings	LC Ce	building includes Administration Offices, Class ne Classroom Building C Type Description uminum - Windows per SF eel - Insulated and Painted C Type Description eillings - Acoustical Tiles	srooms, Cafeteria, & Gym.	2 59 Qty 261 4 2 Qty 9,516	UoM SF Door items UoM SF F SF	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133	Remaining Life 4 4 Remaining Life 3
Suspended Plaster and Painted ceilings 501 SF \$1,043 5 Resilient Flooring Vinyl Composition Tile Flooring 10,017 SF \$81,916 5 Acoustical Suspended Ceilings Ceilings - Acoustical Grid System 9,516 SF \$39,627 6 Interior Door Supplementary Components Door Hardware 39 Door \$57,900 8 Mechanical Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life Heating System Supplementary Components Controls - Electronic (Bldg.SF) 10,017 SF \$15,500 3 Facility Hydronic Distribution 2-Pipe System (Cold) 10,017 SF \$17,912 5 Facility Hydronic Distribution 2-Pipe Water System (Hot) 10,017 SF \$42,613 5 HVAC Air Distribution Ductwork (Bldg.SF) Sub Total for System 4 items \$155,283 Electrical Uniformat Description LC Type Description Qty UoM Repair Cost Remaining	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings	A - Main LC Al St	building includes Administration Offices, Class ne Classroom Building C Type Description uminum - Windows per SF eel - Insulated and Painted C Type Description eilings - Acoustical Tiles nyl/Fabric Wall Covering	srooms, Cafeteria, & Gym.	2 59 Qty 261 4 2 Qty 9,516 50	UoM SF Door items UoM SF F SF	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236	Remaining Life 4 4 Remaining Life 3 3
Resilient Flooring 10,017 SF \$81,916 5 Acoustical Suspended Ceilings Ceilings - Acoustical Grid System 9,516 SF \$39,627 6 Interior Door Supplementary Components Door Hardware 39 Door \$57,900 8 Sub Total for System 8 Items \$328,644 Weight	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors	LC Ce Vi	building includes Administration Offices, Class ne Classroom Building C Type Description uminum - Windows per SF eel - Insulated and Painted C Type Description eilings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door	srooms, Cafeteria, & Gym.	Qty 261 4 2 Qty 9,516 50 39	UoM SF Door items UoM SF Door	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148	Remaining Life 4 4 Remaining Life 3 3 3
Acoustical Suspended Ceilings Ceilings - Acoustical Grid System 9,516 SF \$39,627 6 Interior Door Supplementary Components Door Hardware 39 Door \$57,900 8 **Mechanical** Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life Heating System Supplementary Components Facility Hydronic Distribution 2-Pipe System (Cold) 10,017 SF \$15,500 3 Facility Hydronic Distribution 2-Pipe Water System (Hot) 10,017 SF \$42,613 5 HVAC Air Distribution Ductwork (Bldg.SF) Sub Total for System 4 items \$155,283 **Electrical** Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life States And States	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating	LC Ce Vi	building includes Administration Offices, Class ne Classroom Building C Type Description uminum - Windows per SF eel - Insulated and Painted C Type Description eillings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF)	srooms, Cafeteria, & Gym.	Qty 261 4 2 Qty 9,516 50 39 9,516	UoM SF Door items UoM SF SF SF SF SF SF SF SF SF	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640	Remaining Life 4 4 Remaining Life 3 3 3 4
Interior Door Supplementary Components Sub Total for System Sitems S328,644	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and	LC Al St	building includes Administration Offices, Class ne Classroom Building C Type Description uminum - Windows per SF eel - Insulated and Painted C Type Description eillings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF) einted ceillings	srooms, Cafeteria, & Gym.	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501	UoM SF Door items UoM SF SF SF SF SF SF	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043	Remaining Life 4 4 Remaining Life 3 3 4 5
Mechanical Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life Heating System Supplementary Components Facility Hydronic Distribution 2-Pipe System (Cold) 10,017 SF \$15,500 3 Facility Hydronic Distribution 2-Pipe Water System (Hot) 10,017 SF \$42,613 5 HVAC Air Distribution Ductwork (Bldg.SF) 10,017 SF \$79,259 6 Sub Total for System 4 items \$155,283 Electrical Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and Resilient Flooring	LC Al St LC Vi W Pa	building includes Administration Offices, Class ne Classroom Building C Type Description uminum - Windows per SF eel - Insulated and Painted C Type Description eillings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF) ainted ceilings nyl Composition Tile Flooring	srooms, Cafeteria, & Gym.	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501 10,017	UoM SF Door items UoM SF SF SF SF SF SF	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043 \$81,916	Remaining Life 4 4 Remaining Life 3 3 4 5 5
Mechanical Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life Heating System Supplementary Components Controls - Electronic (Bldg.SF) 10,017 SF \$15,500 3 Facility Hydronic Distribution 2-Pipe System (Cold) 10,017 SF \$17,912 5 Facility Hydronic Distribution 2-Pipe Water System (Hot) 10,017 SF \$42,613 5 HVAC Air Distribution Ductwork (Bldg.SF) 10,017 SF \$79,259 6 Sub Total for System 4 items \$155,283 Electrical Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and Resilient Flooring Acoustical Suspended Ceilings	LC Al St LC Vi W Per Vi Ce	building includes Administration Offices, Class ne Classroom Building Type Description uminum - Windows per SF eel - Insulated and Painted Type Description billings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF) ainted ceilings nyl Composition Tile Flooring eilings - Acoustical Grid System	srooms, Cafeteria, & Gym.	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501 10,017 9,516	UoM SF Door items UoM SF SF SF SF SF SF SF	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043 \$81,916 \$39,627	Remaining Life 4 4 Remaining Life 3 3 4 5 5 6
Uniformat Description LC Type Description Controls - Electronic (Bldg.SF) Components Facility Hydronic Distribution 2-Pipe System (Cold) 2-Pipe Water System (Hot) Ductwork (Bldg.SF) Sub Total for System 4 items \$15,500 \$2,500 \$3,500 \$3,500 \$4,500 \$4,500 \$5,500 \$6,500	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and Resilient Flooring Acoustical Suspended Ceilings	LC Al St LC Vi W Per Vi Ce	building includes Administration Offices, Class ne Classroom Building Type Description uminum - Windows per SF eel - Insulated and Painted Type Description billings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF) ainted ceilings nyl Composition Tile Flooring eilings - Acoustical Grid System	Srooms, Cafeteria, & Gym. Sub Total for System	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501 10,017 9,516 39	UoM SF Door items UoM SF SF SF SF SF SF SF Door	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043 \$81,916 \$39,627 \$57,900	Remaining Life 4 4 Remaining Life 3 3 4 5 5 6
Heating System Supplementary Controls - Electronic (Bldg.SF) 10,017 SF \$15,500 3	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and Resilient Flooring Acoustical Suspended Ceilings Interior Door Supplementary Component	LC Al St LC Vi W Per Vi Ce	building includes Administration Offices, Class ne Classroom Building Type Description uminum - Windows per SF eel - Insulated and Painted Type Description billings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF) ainted ceilings nyl Composition Tile Flooring eilings - Acoustical Grid System	Srooms, Cafeteria, & Gym. Sub Total for System	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501 10,017 9,516 39	UoM SF Door items UoM SF SF SF SF SF SF SF Door	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043 \$81,916 \$39,627 \$57,900	Remaining Life 4 4 Remaining Life 3 3 4 5 5 6
Components 2-Pipe System (Cold) 10,017 SF \$17,912 5 Facility Hydronic Distribution 2-Pipe Water System (Hot) 10,017 SF \$42,613 5 HVAC Air Distribution Ductwork (Bldg.SF) 10,017 SF \$79,259 6 Sub Total for System 4 items \$155,283 Electrical Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and Resilient Flooring Acoustical Suspended Ceilings Interior Door Supplementary Component	LC Ce Vi W Pa Pa Conts Do	building includes Administration Offices, Class ne Classroom Building C Type Description uminum - Windows per SF eel - Insulated and Painted C Type Description eilings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF) ainted ceilings nyl Composition Tile Flooring eilings - Acoustical Grid System oor Hardware	Srooms, Cafeteria, & Gym. Sub Total for System	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501 10,017 9,516 39 8	UoM SF Door items UoM SF SF SF Door SF SF SF Door items	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043 \$81,916 \$39,627 \$57,900 \$328,644	Remaining Life 4 4 Remaining Life 3 3 4 5 6 8
Facility Hydronic Distribution 2-Pipe System (Cold) 10,017 SF \$17,912 5 5 Facility Hydronic Distribution 2-Pipe Water System (Hot) 10,017 SF \$42,613 5 5 HVAC Air Distribution Ductwork (Bldg.SF) 10,017 SF \$79,259 6 6 Sub Total for System 4 items \$155,283 Electrical Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and Resilient Flooring Acoustical Suspended Ceilings Interior Door Supplementary Component Mechanical Uniformat Description	LC Co Vi Vi Conts Do	building includes Administration Offices, Class ne Classroom Building C Type Description uminum - Windows per SF eel - Insulated and Painted C Type Description eilings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF) ainted ceilings nyl Composition Tile Flooring eilings - Acoustical Grid System oor Hardware	Srooms, Cafeteria, & Gym. Sub Total for System	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501 10,017 9,516 39 8	UoM SF Door items UoM SF SF SF Door SF SF SF Door items	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043 \$81,916 \$39,627 \$57,900 \$328,644 Repair Cost	Remaining Life 4 4 Remaining Life 3 3 4 5 6 8 Remaining Life
Facility Hydronic Distribution 2-Pipe Water System (Hot) 10,017 SF \$42,613 5 HVAC Air Distribution Ductwork (Bldg.SF) 10,017 SF \$79,259 6 Sub Total for System 4 items \$155,283 Electrical Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and Resilient Flooring Acoustical Suspended Ceilings Interior Door Supplementary Component Mechanical Uniformat Description Heating System Supplementary	LC Co Vi Vi Conts Do	building includes Administration Offices, Class ne Classroom Building C Type Description uminum - Windows per SF eel - Insulated and Painted C Type Description eilings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF) ainted ceilings nyl Composition Tile Flooring eilings - Acoustical Grid System oor Hardware	Srooms, Cafeteria, & Gym. Sub Total for System	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501 10,017 9,516 39 8	UoM SF Door items UoM SF SF SF Door SF SF SF Door items	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043 \$81,916 \$39,627 \$57,900 \$328,644 Repair Cost	Remaining Life 4 4 Remaining Life 3 3 4 5 6 8 Remaining Life
HVAC Air Distribution Ductwork (Bldg.SF) 10,017 SF \$79,259 6 Sub Total for System 4 items \$155,283 Electrical Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and Resilient Flooring Acoustical Suspended Ceilings Interior Door Supplementary Component Mechanical Uniformat Description Heating System Supplementary Components	LC Conts Do	building includes Administration Offices, Class ne Classroom Building C Type Description uminum - Windows per SF eel - Insulated and Painted C Type Description cillings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF) ainted ceilings nyl Composition Tile Flooring cillings - Acoustical Grid System oor Hardware C Type Description controls - Electronic (Bldg.SF)	Srooms, Cafeteria, & Gym. Sub Total for System	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501 10,017 9,516 39 8 Qty 10,017	UoM SF Door items UoM SF SF SF Door items UoM SF	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043 \$81,916 \$39,627 \$57,900 \$328,644 Repair Cost	Remaining Life 4 4 Remaining Life 3 3 4 5 6 8 Remaining Life 3
Sub Total for System 4 items \$155,283 Electrical Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and Resilient Flooring Acoustical Suspended Ceilings Interior Door Supplementary Component Mechanical Uniformat Description Heating System Supplementary Components Facility Hydronic Distribution	LC Conts Do	building includes Administration Offices, Class ne Classroom Building C Type Description uminum - Windows per SF eel - Insulated and Painted C Type Description eilings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door einting/Staining (Bldg SF) eilings - Acoustical Tile Flooring eilings - Acoustical Tile South Composition Tile Flooring eilings - Acoustical Grid System foor Hardware C Type Description entrols - Electronic (Bldg.SF) Pipe System (Cold)	Srooms, Cafeteria, & Gym. Sub Total for System	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501 10,017 9,516 39 8 Qty 10,017	UoM SF Door items UoM SF SF Door items UoM SF	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043 \$81,916 \$39,627 \$57,900 \$328,644 Repair Cost \$15,500 \$17,912	Remaining Life 4 4 Remaining Life 3 3 4 5 6 8 Remaining Life 3
Electrical Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and Resilient Flooring Acoustical Suspended Ceilings Interior Door Supplementary Component Mechanical Uniformat Description Heating System Supplementary Components Facility Hydronic Distribution Facility Hydronic Distribution	LC Co	building includes Administration Offices, Class ne Classroom Building CType Description uminum - Windows per SF eel - Insulated and Painted CType Description eilings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF) ainted ceilings nyl Composition Tile Flooring eilings - Acoustical Grid System oor Hardware CType Description entrols - Electronic (Bldg.SF) Pipe System (Cold) Pipe Water System (Hot)	Srooms, Cafeteria, & Gym. Sub Total for System	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501 10,017 9,516 39 8 Qty 10,017 10,017	UoM SF Door items UoM SF SF Door SF	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043 \$81,916 \$39,627 \$57,900 \$328,644 Repair Cost \$15,500 \$17,912 \$42,613	Remaining Life 4 4 Remaining Life 3 3 4 5 6 8 Remaining Life 3 5 5 6 5 6 8
Uniformat Description LC Type Description Qty UoM Repair Cost Remaining Life	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and Resilient Flooring Acoustical Suspended Ceilings Interior Door Supplementary Component Mechanical Uniformat Description Heating System Supplementary Components Facility Hydronic Distribution	LC Co	building includes Administration Offices, Class ne Classroom Building CType Description uminum - Windows per SF eel - Insulated and Painted CType Description eilings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF) ainted ceilings nyl Composition Tile Flooring eilings - Acoustical Grid System oor Hardware CType Description entrols - Electronic (Bldg.SF) Pipe System (Cold) Pipe Water System (Hot)	Sub Total for System Sub Total for System	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501 10,017 9,516 39 8 Qty 10,017 10,017 10,017	UoM SF SF Door items UoM SF SF Door SF	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043 \$81,916 \$39,627 \$57,900 \$328,644 Repair Cost \$15,500 \$17,912 \$42,613 \$79,259	Remaining Life 4 4 Remaining Life 3 3 4 5 6 8 Remaining Life 3 5 5 6 5 6 8
	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and Resilient Flooring Acoustical Suspended Ceilings Interior Door Supplementary Component Mechanical Uniformat Description Heating System Supplementary Components Facility Hydronic Distribution Facility Hydronic Distribution HVAC Air Distribution	LC Co	building includes Administration Offices, Class ne Classroom Building CType Description uminum - Windows per SF eel - Insulated and Painted CType Description eilings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF) ainted ceilings nyl Composition Tile Flooring eilings - Acoustical Grid System oor Hardware CType Description entrols - Electronic (Bldg.SF) Pipe System (Cold) Pipe Water System (Hot)	Sub Total for System Sub Total for System	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501 10,017 9,516 39 8 Qty 10,017 10,017 10,017	UoM SF SF Door items UoM SF SF Door SF	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043 \$81,916 \$39,627 \$57,900 \$328,644 Repair Cost \$15,500 \$17,912 \$42,613 \$79,259	Remaining Life 4 4 Remaining Life 3 3 4 5 6 8 Remaining Life 3 5 5 6 5 6 8
Power Distribution Panelboard - 120/208 125A 2 Ea. \$2,918 8	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and Resilient Flooring Acoustical Suspended Ceilings Interior Door Supplementary Component Mechanical Uniformat Description Heating System Supplementary Components Facility Hydronic Distribution Facility Hydronic Distribution	LC Co	building includes Administration Offices, Class ne Classroom Building CType Description uminum - Windows per SF eel - Insulated and Painted CType Description eilings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF) ainted ceilings nyl Composition Tile Flooring eilings - Acoustical Grid System oor Hardware CType Description entrols - Electronic (Bldg.SF) Pipe System (Cold) Pipe Water System (Hot)	Sub Total for System Sub Total for System	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501 10,017 9,516 39 8 Qty 10,017 10,017 10,017	UoM SF SF Door items UoM SF SF Door SF	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043 \$81,916 \$39,627 \$57,900 \$328,644 Repair Cost \$15,500 \$17,912 \$42,613 \$79,259	Remaining Life 4 4 Remaining Life 3 3 4 5 6 8 Remaining Life 3 5 5 6 5 6 8
	Security System Component Sub Total for Building 170 Building: 170B - Stand Exterior Uniformat Description Exterior Operating Windows Exterior Entrance Doors Interior Uniformat Description Acoustical Suspended Ceilings Wall Coverings Interior Swinging Doors Wall Painting and Coating Suspended Plaster and Resilient Flooring Acoustical Suspended Ceilings Interior Door Supplementary Component Mechanical Uniformat Description Heating System Supplementary Components Facility Hydronic Distribution Facility Hydronic Distribution HVAC Air Distribution	LC Conts Do	building includes Administration Offices, Class ne Classroom Building C Type Description uminum - Windows per SF eel - Insulated and Painted C Type Description billings - Acoustical Tiles nyl/Fabric Wall Covering ooden Door ainting/Staining (Bldg SF) ainted ceilings nyl Composition Tile Flooring billings - Acoustical Grid System boor Hardware C Type Description controls - Electronic (Bldg.SF) Pipe System (Cold) Pipe Water System (Hot) uctwork (Bldg.SF)	Sub Total for System Sub Total for System	2 59 Qty 261 4 2 Qty 9,516 50 39 9,516 501 10,017 9,516 39 8 Qty 10,017 10,017 10,017 4	UoM SF Door items UoM SF SF SF Door SF	\$247,655 \$8,632,496 Repair Cost \$26,029 \$14,828 \$40,857 Repair Cost \$32,133 \$236 \$73,148 \$42,640 \$1,043 \$81,916 \$39,627 \$57,900 \$328,644 Repair Cost \$15,500 \$17,912 \$42,613 \$79,259 \$155,283	Remaining Life 4 4 4 Remaining Life 3 3 4 5 6 8 Remaining Life 3 5 6 6







Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Audio-Video Systems	PA Communications No Head Unit (Bldg SF)		10,017	SF	\$7,091	8
Note:	PA System Voice over IP is part of main building					
Lighting Fixtures	Light Fixtures (Bldg SF)		10,017	SF	\$183,697	10
		Sub Total for System	3	items	\$193,706	
Plumbing						
Jniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Plumbing Fixtures	Non-Refrigerated Drinking Fountain		2	Ea.	\$4,768	3
Domestic Water Equipment	Water Heater - Electric - 30 gallon		1	Ea.	\$2,135	10
Plumbing Fixtures	Classroom Lavatory		8	Ea.	\$20,516	10
Plumbing Fixtures	Restroom Lavatory		1	Ea.	\$2,716	10
Plumbing Fixtures	Sink - Service / Mop Sink		1	Ea.	\$796	10
Plumbing Fixtures	Toilets		9	Ea.	\$45,534	10
		Sub Total for System	6	items	\$76,465	
Fire and Life Safety						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Fire Detection and Alarm	Fire Alarm		10,017	SF	\$15,905	3
Security System Component	Security Alarm System		10,017	SF	\$23,056	4
		Sub Total for System	2	items	\$38,961	
	Sub Total for Building 170B - Stand-Alone Classroom Building		25	items	\$833,916	
		Total for: Boone ES	84	items	\$9,466,412	



Supporting Photos

General Site Photos



Electrical room equipment



Obstructed electrical panel at stage



Outdated exterior transformer

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