

FACILITY CONDITION ASSESSMENT

Bowie HS | February 2022





Executive Summary

Bowie HS is located at 4103 W Slaughter Ln in Austin, Texas. The oldest building is 32 years old (at time of 2020 assessment). It comprises 425,684 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 \$20,669,910. 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 Bowie HS the ten-year need is \$72,161,159.

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 Bowie HS facility has a 5-year FCA score of 65.14%.

Summary of Findings

The table below summarizes the condition findings at Bowie HS

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 Site	e							
	Exterior Site	\$3,479,235	\$709,740	\$2,848,133	\$4,188,975	\$7,037,108	\$0	
Permanent	Building(s)	-	-	-	_	-	-	
013A	Administrative Building	\$706,021	\$907,146	\$859,110	\$1,613,167	\$2,472,277	\$4,809,929	66.46%
013B	Stand-Alone Classroom Building (has some Science Clsrms)	\$7,998,507	\$18,605,622	\$12,459,030	\$26,604,129	\$39,063,159	\$87,738,910	69.68%
013C	Greenhouse	\$7,592	\$34,006	\$11,608	\$41,598	\$53,206	\$37,013	-12.39%
013D	Greenhouse	\$12,324	\$50,337	\$1,083	\$62,661	\$63,744	\$53,301	-17.56%
013E	Vocational / Art / Shop Building	\$1,752,301	\$1,084,437	\$1,159,701	\$2,836,738	\$3,996,439	\$9,057,653	68.68%
013F	Mechanical Building	\$207,940	\$1,515,920	\$136,220	\$1,723,860	\$1,860,080	\$1,793,666	3.89%
013G	Stand-Alone Cafeteria, Gym, Theater	\$6,505,991	\$6,085,195	\$5,023,961	\$12,591,186	\$17,615,147	\$38,982,100	67.70%
	Sub Total for Permanent Building(s):	\$17,190,675	\$28,282,663	\$19,650,713	\$45,473,338	\$65,124,051	\$142,472,570	
	Total for Site:	\$20,669,910	\$28,992,403	\$22,498,846	\$49,662,313	\$72,161,159	\$142,472,570	65.14%

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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	\$0	\$594,225	\$2,872,100	\$3,466,325	16.77 %
Roofing	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Structural	\$12,910	\$0	\$0	\$0	\$0	\$12,910	0.06 %
Exterior	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Interior	\$0	\$0	\$140,114	\$578,028	\$54,510	\$772,652	3.74 %
Mechanical	\$0	\$149,194	\$107,963	\$909,215	\$41,711	\$1,208,083	5.84 %
Electrical	\$0	\$830,652	\$7,820,605	\$0	\$0	\$8,651,257	41.85 %
Plumbing	\$0	\$0	\$546,268	\$0	\$0	\$546,268	2.64 %
Fire and Life Safety	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Conveyances	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Specialties	\$0	\$0	\$0	\$234,408	\$0	\$234,408	1.13 %
Crawlspace	\$0	\$0	\$0	\$0	\$5,778,007	\$5,778,007	27.95 %
Total:	\$12,910	\$979,846	\$8,614,951	\$2,315,876	\$8,746,327	\$20,669,910	

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

Electrical	-	\$8,651,257
Site	-	\$3,466,325
Mechanical	_	\$1,208,083



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

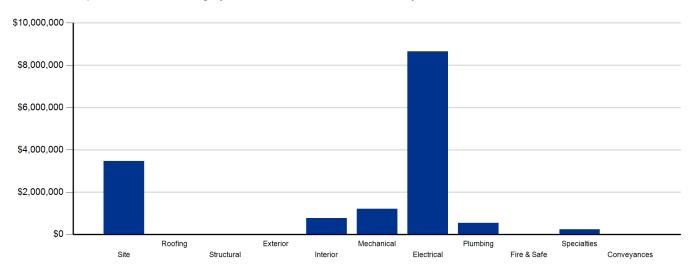


Figure 1: System Deficiencies



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 Pr	ojections		_
System	Year 1 2023	Year 2 2024	Year 3 2025	Year 4 2026	Year 5 2027	Total 1-5
Site	\$0	\$0	\$0	\$348,788	\$11,772	\$360,560
Roofing	\$0	\$0	\$0	\$0	\$0	\$0
Exterior	\$8,639,575	\$0	\$0	\$0	\$999,737	\$9,639,312
Interior	\$0	\$1,059,313	\$1,685,970	\$681,939	\$2,809,237	\$6,236,459
Mechanical	\$0	\$0	\$2,009,113	\$89,414	\$4,957,782	\$7,056,309
Electrical	\$0	\$0	\$0	\$313,854	\$774,313	\$1,088,167
Plumbing	\$0	\$0	\$32,693	\$1,286,023	\$594,895	\$1,913,611
Fire and Life Safety	\$0	\$0	\$680,314	\$0	\$6,009	\$686,323
Conveyances	\$0	\$0	\$0	\$0	\$7,985	\$7,985
Specialties	\$0	\$0	\$985,810	\$411,951	\$2,052,324	\$3,450,085
Crawlspace	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$8,639,575	\$1,059,313	\$5,393,900	\$3,131,969	\$12,214,054	\$30,438,811



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	\$360,560	\$0	\$0	\$602,892	\$0	\$544,051	\$1,146,943	\$1,507,503
Roofing	\$0	\$0	\$0	\$0	\$0	\$1,701,190	\$1,701,190	\$1,701,190
Exterior	\$9,639,312	\$0	\$0	\$0	\$0	\$0	\$0	\$9,639,312
Interior	\$6,236,459	\$157,606	\$0	\$193,663	\$829,588	\$1,095,029	\$2,275,886	\$8,512,345
Mechanical	\$7,056,309	\$0	\$0	\$136,220	\$0	\$923,297	\$1,059,517	\$8,115,826
Electrical	\$1,088,167	\$0	\$0	\$0	\$0	\$551,602	\$551,602	\$1,639,769
Plumbing	\$1,913,611	\$2,971	\$0	\$0	\$0	\$16,486,980	\$16,489,950	\$18,403,560
Fire and Life Safety	\$686,323	\$0	\$0	\$0	\$0	\$0	\$0	\$686,323
Conveyances	\$7,985	\$0	\$0	\$0	\$0	\$0	\$0	\$7,985
Specialties	\$3,450,085	\$0	\$0	\$0	\$0	\$0	\$0	\$3,450,085
Crawlspace	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$30,438,811	\$160,577	\$0	\$932,775	\$829,588	\$21,302,146	\$23,225,086	\$53,663,898

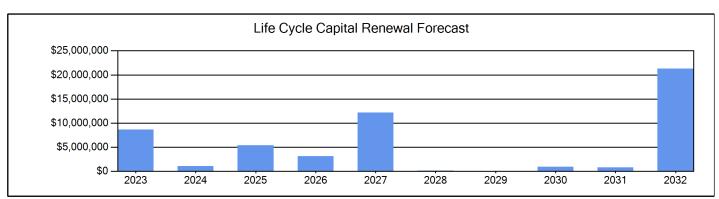


Figure 2: Ten Year Capital Renewal Forecast



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.

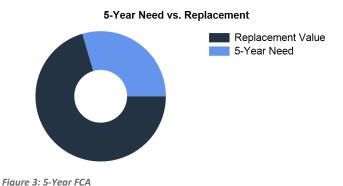
FCAS = 100 - (Total Repair Cost/ Replacement Cost)

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 \$142,472,570. For planning purposes, the total 5-year need at the Bowie HS is \$49,662,313 (Life Cycle Years 1-5 plus the FCA deficiency cost). The Bowie HS facility has a 5-year FCA of 65.14%.



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Bowie HS - Deficiency Summary Site Level Deficiencies

Site

Tennis Courts, Nets, And Equipment Replacement Capital Renewal 8 Ea. 4 \$594,225 2476	Oile.									
Note: Beyond useful life Per	Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID		
PROCEAN DEFICIENCIES ADA Compliance 805,448 EACH 5 \$1,337,467 4166 PROPERTICENCIES ADA Compliance 249,438 EACH 5 \$365,330 4156 Mined Stop Replacement Maintenance Maintenance 249,438 EACH 5 \$365,330 4156 Mined Stop Replacement Maintenance Maintenance Maintenance 375 Ea. 5 \$65,026 2476 Mined Stop Replacement Maintenance Maintenance Maintenance Structural Stop Replacement Maintenance Maintenance Maintenance Structural Stop Maintenance	Tennis Courts, Nets,	And Equipment Replacement	Capital Renewal	8	Ea.	4	\$594,225	2478		
PUBLIC DEFICIENCIES ADA Compliance 294,348 EACH 5 \$50,300 415/14 74 74 74 74 74 74 74	Note:	Beyond useful life								
ADA Compilance	PROGRAM DEFICIE	ENCIES	ADA Compliance	895,448	EACH	5	\$1,537,467	4160		
Monte Stop Replacement Deferred Maintenance Mai	PUBLIC DEFICIENC	CIES	ADA Compliance	294,348	EACH	5	\$505,390	4159		
Note: Damaged Location: Site wide Sub Total for System 5 items \$3,466,325 Structural Structural Sub Total for System 5 items \$3,466,325 Structural Structural Study Recommended Defendency Defendence 2 Job 1 \$12,910 632 Maintenance Mai	TAS ACCESSIBILIT	Y DEFICIENCIES	ADA Compliance	445,094	EACH	5	\$764,218	4161		
Sub Total for System Sub Total for System Sizem	Wheel Stop Replace	ment		375	Ea.	5	\$65,026	2479		
Structural Deficiency Category City Lond Priority Repair Cost 10 Structural Study Recommended Structural Study Recommended Deficiency Deficience Structural Study Recommended Study R		5								
Structural Deficiency Category City UoM Priority Repair Cost ID Structural Study Recommended 2 Job 1 \$12,910 652t Maintenance	Location	: Site wide								
Deficiency Category Catego			Sub Total for System	5	items		\$3,466,325			
Structural Study Recommended Deferred Maintenance Deferred Maintenance Structural study to detail scope of work based on the 2017 crawispace deficiencies provided by AISD Sub Total for System 1 Items \$12,910 852	Structural									
Note: Structural study to detail scope of work based on the 2017 craw/space deficiencies provided by AISD	Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID		
Sub Total for School and Site Level 1 items S12,910 S23,479,235 Sub Total for School and Site Level 6 items S3,479,235 Sub Total for School and Site Level 6 items S3,479,235 Sub Total for School and Site Level S12,273 S23,479,235 S248,579	Structural Study Rec	commended		2	Job	1	\$12,910	6528		
Sub Total for School and Site Level 6 Items \$3,479,235	Note:	Structural study to detail scope of work based on the 2017 crawlspace	ce deficiencies provided b	y AISD						
Deficiency Category Categor			Sub Total for System	1	items		\$12,910			
Deficiency		Sub Total for	r School and Site Level	6	items		\$3,479,235			
Deficiency	Building: 0	13A - Administrative Ruilding								
Deficiency Category Catego	•	13A - Administrative Building								
Electrical Transformer Replacement Capital Renewal 1 Ea. 2 \$5,519 2480	Electrical									
Note: End of Life/Old HFG Panelboard Replacement Capital Renewal 2 Ea. 2 \$5,564 2486 Note: End of life / old MFG Panelboard Replacement Capital Renewal 1 Ea. 2 \$9,372 2486 Note: End of life Capital Renewal 7 Ea. 3 \$14,881 2486 Canopy Lighting Replacement Capital Renewal 7 Ea. 3 \$14,881 2486 Note: End of Life Capital Renewal 7 Ea. 3 \$14,881 2486 Lighting Fixtures Replacement Capital Renewal 14,646 8 F 3 \$268,586 2487 Note: End of life Capital Renewal 14,646 8 F 3 \$268,586 2487 Note: End of life Capital Renewal 14,646 8 F 3 \$33,622 2487 Crawlispace Sullding wide Sub Total for System 5 items \$303,622 2487 Crawlispace Crawlispace Sull Total Renewal 14,646 8 F 3 \$345,622 15 <th <="" colspan="2" td=""><td>Deficiency</td><td></td><td>Category</td><td>Qty</td><td>UoM</td><td>Priority</td><td>Repair Cost</td><td>ID</td></th>	<td>Deficiency</td> <td></td> <td>Category</td> <td>Qty</td> <td>UoM</td> <td>Priority</td> <td>Repair Cost</td> <td>ID</td>		Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID
Paneliboard Replacement Capital Renewal 2 Ea. 2 \$5,564 248/6 Note: End of life / old MFG	Electrical Transforme	er Replacement	Capital Renewal	1	Ea.	2	\$5,519	2483		
Note: End of life / old MFG Panelboard Replacement Capital Renewal 1 Ea. 2 \$9,372 2486 Canopy Lighting Replacement Capital Renewal 7 Ea. 3 \$14,581 2486 Note: End of Life Capital Renewal 14,646 SF 3 \$268,586 2487 Lighting Fixtures Replacement Capital Renewal 14,646 SF 3 \$268,586 2487 Note: End of life Capital Renewal 14,646 SF 3 \$268,586 2487 Note: End of life Capital Renewal 14,646 SF 3 \$268,586 2487 Lighting Fixtures Replacement Capital Renewal 14,646 SF 3 \$268,586 2487 Lighting Fixtures Replacement Capital Renewal 14,646 SF 3 \$268,586 2487 Lighting Fixtures Replacement Capital Renewal 14,646 SF 3 \$268,586 2487 Capital Security <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
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Sub Total for System 5 items \$303,622 Craw space Deficiency Category Qty UoM Priority Repair Cost ID CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE ACCESS/VENTILATION - Improve drainage 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, EQUIPMENT - Repair junction box 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, EXPOSED PIPES - Repair rusted pipes, hangers and missing insulation 1 LS	Lighting Fixtures Rep	placement	Capital Renewal	14,646	SF	3	\$268,586	2487		
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, EQUIPMENT - Repair junction box 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, EXPOSED PIPES - Repair rusted pipes, hangers and missing insulation 1 LS	Note:	End of life								
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, EQUIPMENT - Repair junction box 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, EXPOSED PIPES - Repair rusted pipes, hangers and missing insulation 1 LS	Location	: building wide								
CrawIspace Deficiency Category Oty UoM Priority Repair Cost ID CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE ACCESS/VENTILATION - Improve drainage 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, EQUIPMENT - Repair junction box 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, EXPOSED PIPES - Repair rusted pipes, hangers and missing insulation 1 LS		-	Sub Total for System	5	items		\$303,622			
Deficiency Category Qty UoM Priority Repair Cost ID CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE ACCESS/VENTILATION - Improve drainage 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, EQUIPMENT - Repair junction box 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, EQUIPMENT - Repair junction box 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, EXPOSED PIPES - Repair rusted pipes, hangers and missing insulation 1 LS	Crawlspace		•							
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE ACCESS/VENTILATION - Improve drainage 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 125,273 Ea. 5 \$147,177 6479 Maintenance Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 9,743 Ea. 5 \$11,447 6480 Maintenance Note: CRAWL SPACE, EQUIPMENT - Repair junction box 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 40,463 Ea. 5 \$47,538 6481 Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 97,435 Ea. 5 \$114,472 6507 Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 97,435 Ea. 5 \$114,472 6507 Maintenance Note: CRAWL SPACE, EXPOSED PIPES - Repair rusted pipes, hangers and missing insulation 1 LS	-		Catagory	Otv	LIOM	Driority	Popair Cost	ID		
Note: CRAWL SPACE ACCESS/VENTILATION - Improve drainage 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 9,743 Ea. 5 \$11,447 6480 Maintenance Note: CRAWL SPACE, EQUIPMENT - Repair junction box 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 40,463 Ea. 5 \$47,538 6481 Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 97,435 Ea. 5 \$114,472 6507 Maintenance Note: CRAWL SPACE, EXPOSED PIPES - Repair rusted pipes, hangers and missing insulation 1 LS		FICIENCIES Estimate and Info by AISD								
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 9,743 Ea. 5 \$11,447 6480 Maintenance Note: CRAWL SPACE, EQUIPMENT - Repair junction box 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 40,463 Ea. 5 \$47,538 6481 Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 97,435 Ea. 5 \$114,472 6507 Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - Repair rusted pipes, hangers and missing insulation 1 LS	CRAWL SPACE DEI	FIGIENCIES - Estillate and fillo by AISD		69,596	⊑a.	3	φο1,705	0470		
Note: CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, EQUIPMENT - Repair junction box 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 97,435 Ea. 5 \$114,472 6507 Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - Repair rusted pipes, hangers and missing insulation 1 LS	Note:	CRAWL SPACE ACCESS/VENTILATION - Improve drainage 1 LS								
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Note: CRAWL SPACE, EQUIPMENT - Repair junction box 1 LS CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 40,463 Ea. 5 \$47,538 6481 Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 97,435 Ea. 5 \$114,472 6507 Maintenance Note: CRAWL SPACE, EXPOSED PIPES - Repair rusted pipes, hangers and missing insulation 1 LS	Note:	CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 La	S							
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Pote: CRAWL SPACE, EXPOSED PIPES - Repair rusted pipes, hangers and missing insulation 1 LS	CRAWL SPACE DEI	FICIENCIES - Estimate and Info by AISD		9,743	Ea.	5	\$11,447	6480		
Maintenance Note: CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25% CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred Maintenance Note: CRAWL SPACE, EXPOSED PIPES - Repair rusted pipes, hangers and missing insulation 1 LS	Note:	CRAWL SPACE, EQUIPMENT - Repair junction box 1 LS								
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD Deferred 97,435 Ea. 5 \$114,472 6507 Maintenance Note: CRAWL SPACE, EXPOSED PIPES - Repair rusted pipes, hangers and missing insulation 1 LS	CRAWL SPACE DEI	FICIENCIES - Estimate and Info by AISD		40,463	Ea.	5	\$47,538	6481		
Maintenance Note: CRAWL SPACE, EXPOSED PIPES - Repair rusted pipes, hangers and missing insulation 1 LS	Note:	CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 25	5%							
	CRAWL SPACE DEI	FICIENCIES - Estimate and Info by AISD		97,435	Ea.	5	\$114,472	6507		
Sub Total for System 5 items \$402,398	Note:	CRAWL SPACE, EXPOSED PIPES - Repair rusted pipes, hangers a	and missing insulation 1	LS						
		-	Sub Total for System	5	items		\$402,398			

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Sub Total for Building 013A - Administrative Building

10 items

\$706,021

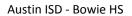


Building: 013B - Stand-Alone Classroom Building (has some Science Clsrms)

Interior

Deficiency	Category		UoM	Priority	Repair Cost	ID
Interior Door Hardware Replacement	Capital Renewal	35	Door	3	\$51,961	2565
Note: Damaged						
Location: building wide						
Interior Door Replacement	Capital Renewal	32	Door	3	\$60,019	2564
Note: beyon useful life						
Location: building wide						
Plaster Ceiling Replacement	Capital Renewal	57,443	SF	4	\$111,977	2560
Note: Repairs are needed						
Location: Hallways second floor						
	Sub Total for System	3	items		\$223,957	
Mechanical						
Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Large Diameter Exhausts/Hoods Replacement	Capital Renewal	10	Ea.	3	\$80,362	2619
Note: Post Life						
Chemistry Lab Fume Hood(s) Replacement	Capital Renewal	23	Ea.	4	\$406,070	2620
Note: non operational						
Location: Building wide						
Kitchen Air/Exhaust Replacement	Capital Renewal	2	Ea.	4	\$21,097	2618
Duct Register Replacement	Deferred	100	Ea.	5	\$41,711	2617
	Maintenance					
Location: Louvers above classrooms						
	Sub Total for System	4	items		\$549,240	
Electrical						
Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Distribution Panel Replacement	Capital Renewal	1	Ea.	2	\$25,176	2573
Note: End of Life						
Distribution Panel Replacement	Capital Renewal	1	Ea.	2	\$25,176	2574
Note: End of Life						
Electrical Transformer Replacement	Capital Renewal	1	Ea.	2	\$18,241	2571
Note: End of Life						
Electrical Transformer Replacement	Capital Renewal	1	Ea.	2	\$75,780	2572
Note: End of Life	•					
Panelboard Replacement	Capital Renewal	24	Ea.	2	\$66,769	2575
Note: End of Life	•					
Panelboard Replacement	Capital Renewal	5	Ea.	2	\$27,498	2576
Note: End of Life	•					
Panelboard Replacement	Capital Renewal	6	Ea.	2	\$74,050	2577
Note: End of Life	•					
Panelboard Replacement	Capital Renewal	11	Ea.	2	\$30,602	2578
Note: End of Life	•					
Panelboard Replacement	Capital Renewal	4	Ea.	2	\$21,998	2579
Note: End of Life						
Panelboard Replacement	Capital Renewal	1	Ea.	2	\$13,891	2580
Note: End of Life					* -/	
Canopy Lighting Replacement	Capital Renewal	8	Ea.	3	\$16,664	2611
Note: End of Life		· ·		-	,, - 3 .	
Exterior Mounted Building Lighting Replacement	Capital Renewal	6	Ea.	3	\$5,410	2612
	I	J		-	+3,	
Note: End of Life						
Note: End of Life Lighting Fixtures Replacement	Capital Renewal	267.178	SF	3	\$4.899.655	2613
Lighting Fixtures Replacement	Capital Renewal	267,178	SF	3	\$4,899,655	2613
	Capital Renewal Sub Total for System		SF items	3	\$4,899,655 \$5,300,908	2613



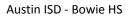




Plumbing

	End of Life entilation Replacement	Capital Renewal	2	Ea.	4	\$9,463	2626
Gas Unit Heater Re		Capital Renewal	1	Ea.	2	\$2,861	2625
Deficiency		Category		UoM	Priority	Repair Cost	ID
Mechanical							
Building: 0	13D - Greenhouse						
		Total for Building 013C - Greenhouse	2	items		\$7,592	
		Sub Total for System		items		\$7,592	
Note:	Post Life						
Wall Exhaust Fan V	entilation Replacement	Capital Renewal	1	Ea.	4	\$4,731	2624
Note:	Post life	- 4	·			,	
Gas Unit Heater Re	placement	Capital Renewal		Ea.	2	\$2,861	2622
Deficiency		Category	Otv	UoM	Priority	Repair Cost	ID
Mechanical							
	13C - Greenhouse	·					
s	ub Total for Building 013B - Stand-Alone Classroom			items		\$7,998,507	
		Sub Total for System	8	items		\$1,143,724	
Note:	CRAWL SPACE, EXPOSED PIPES - Repair rusted p						
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	69,596	Ea.	5	\$81,765	6492
Note:	CRAWL SPACE, SPRAY FIREPROOFING - replace	fireproofing, 25% 33,649					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	93,674	Ea.	5	\$110,053	6489
Note:	CRAWL SPACE, EQUIPMENT - Replace old and out		05	_	-	A	
	,	Maintenance	,		-	Ţ,000	
	FICIENCIES - Estimate and Info by AISD	Deferred	LS 15,311	Ea.	5	\$17,988	6488
Note:	CRAWL SPACE, EXPOSED PIPES - Repair rusted p	Maintenance	ıs				
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintanana	127,779	Ea.	5	\$150,121	6487
Note:	SUSPENDED FLOOR SLABS - repair mild honeycon	nbing & reinforcement 33,649 GSF					
UKAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	93,674	Ea.	5	\$110,053	6486
Note:	CRAWL SPACE ACCESS/VENTILATION - Improve		66 1	_	_	***	c
	·	Maintenance	,100		·	J J,000	3.00
	FICIENCIES - Estimate and Info by AISD	Deferred	210,180	Ea.	5	\$246,930	6485
Note:	CRAWL SPACE ACCESS/VENTILATION - Improve	Maintenance ventilation 1 LS					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	210,180	Ea.	5	\$246,930	6484
Note:	SOIL/DRAINAGE BELOW BUILDING - Improve drain	nage 1 LS					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	153,112	Ea.	5	\$179,884	6483
Deficiency	EICIENCIES Estimate and lafe by AISD	Category		UoM	Priority	Repair Cost	ID
Crawlspace		2 .			5 · · ·	D : -	
		Sub Total for System	1	items		\$234,408	
Location	: Building wide					***	
Note:	old/rusted/damaged						
Metal Student Locke	ers Replacement	Capital Renewal	440	Ea.	4	\$234,408	2566
Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID
Specialties							
		Sub Total for System	2	items		\$546,268	
Note:	Post Life Expectancy						
Backflow Preventer		Capital Renewal	149	Ea.	3	\$311,709	2615
Note:	Post Life Expectancy	Capital Notice	20.		Ü	Ψ201,000	20
Backflow Preventer	Replacement	Capital Renewal		Ea.	3	\$234,560	2614
Plumbing Deficiency		Category	Otv	UoM	Priority	Repair Cost	ID





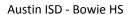


			Ca	

Note: Post Life	Deficiency		Category	Qtv	UoM	Priority	Repair Cost	ID
Sub Total for Building 1913 - Greenhouse 2 items 1912,324 1912,324 1913,325	-	Post Life						
Description Property Proper			Sub Total for System	2	items		\$12,324	
Delicions			Sub Total for Building 013D - Greenhouse	2	items		\$12,324	
Delicions	Building: 01	I3E - Vocational / Art / Sho	op Building					
Delicinary Category Catego	_		pp = amamig					
Accusational Cualiting Tills Regulacement Capital Renewal 2,000 SF 4 \$6,754 205								
Note: Building Wide Metal Interior Door Replacement Capital Renewal 11 Door 4 \$13,832 265 Note: Boyond useful life Location: Building wide Metal Interior Door Replacement Capital Renewal 14 Soul 4 \$40,513 265 Note: Boyond useful life Capital Renewal 4 Stall 4 \$40,613 265 267,228 283,008 265 35,008							<u>.</u>	ID
Metal Interior Door Replacement Gapital Renewal 11 Door 4 \$31,832 \$25 \$1 Note \$1 Door 5 \$31,832 \$25 \$1 Note \$20 \$31,832 \$35 \$35 \$35,832 \$35 \$35 \$35,832 \$35 \$35 \$35,832 \$35 \$35 \$35,832 \$35 \$35 \$35,832 \$35 \$			Capital Renewal	2,000	SF	4	\$6,754	2632
Metal Intenéré Door Replacement Replace		· · · · · · · · · · · · · · · · · · ·						
Note: By-yord useful life Location: Building wide Capital Renewal 14 Door 4 st, 40,513 263 264 240,513 263 264 340,513 263 264 340,513 263					_			
Metal Interior Door Replacement Capital Renewal 14 Door 4 \$40,513 265 Note: Beyond useful life Location:: Building wide Capital Renewal 34 Stall 4 \$80,666 263 Note: Beyond useful life Capital Renewal 3,500 SF 5 \$87,289 825 Note: Damaged needs repair Capital Renewal 6 8 8 8 Location:: Building wide Capital Renewal 8 8 8 8 8 8 Note: Damaged needs repair Capital Renewal 8 8 8 8 Location:: Building wide Capital Renewal 8 8 8 8 8 Note: Damaged needs repair Capital Renewal 8 8 8 8 Location:: Building wide Capital Renewal 8 8 8 8 Note: Damaged needs repair Capital Renewal 8 8 8 8 Location:: Building wide Capital Renewal 8 8 8 8 Mechanical Capital Renewal 8 8 8 8 8 Although Wall HVAC Component Replacement Capital Renewal 8 8 8 8 8 8 Although Wall HVAC Component Replacement Capital Renewal 8 8 8 8 8 8 8		•	Capital Renewal	11	Door	4	\$31,832	2634
Metal Interior Door Replacement Capital Renewal 14 Door 4 \$40,513 285 Note: Beyond useful file Location: Building wide Capital Renewal 7 Stall 4 \$80,606 285 Stall \$80,606 \$80,60		· ·						
Note: Beyond useful life					_			
Decision		•	Capital Renewal	14	Door	4	\$40,513	2635
Total Partition Replacement Capital Renewal 4 Stall 4 Stall 6 Sta		·						
Note: Beyond useful life Interior Ceiling Repairing Deferred Maintenance 3,500 SF 5 \$7,289 263 263 \$8,7,229 263 263 \$8,7,229 263 263 \$8,7,229 263 263 \$8,7,229 263 263 \$8,7,229 263 263 \$8,7,229 263 263 \$8,7,229 263 263 \$8,7,229 263 263 \$8,7,229 263 263 \$8,7,229 263 263<		-						
Motein	•		Capital Renewal	4	Stall	4	\$8,066	2633
Note: Damaged needs repair Location: Building wide Sub Total for System 5 items System		•						
Note: Location: Damaged needs repair Location: Sub Total for System 5 leans Total Foundaries Total Fo	Interior Ceiling Repai	nting		3,500	SF	5	\$7,289	2631
Mechanical	Note:	Damaged needs repair	wantenance					
Mechanical Me		- · ·						
Mechanical	Location.	building wide	Sub Total for System	5	itame		\$94.454	
Deficiency	Maakaniaal		Sub Total for System	J	items		ψ3+,+3+	
Air Handler HVAC Component Replacement Capital Renewal 2 Ea. 2 \$86,327 265 Note: Post life Capital Renewal 9 Ea. 2 \$51,424 265 Note: Post life Capital Renewal 9 Ea. 2 \$51,424 265 Note: Post life Capital Renewal 2 Ea. 2 \$51,424 265 Note: Post life Capital Renewal 2 Ea. 2 \$57,722 265 Note: Post life Capital Renewal 2 Ea. 2 \$57,722 265 Note: Post life Capital Renewal 27,582 5F 4 \$94,297 265 Note: Upgrade to DDC Capital Renewal 27,582 5F 4 \$94,297 265 Note: Upgrade to DDC Capital Renewal 27,582 5F 4 \$94,297 265 Note: Upgrade to DDC Capital Renewal 27,582 5F 4 \$94,297 265 Note: Electrical Capital Renewal 2 Ea. 2 \$18,564 265 Note: End of Life Capital Renewal 1 Ea. 2 \$18,564 265 Note: End of Life Capital Renewal 1 Ea. 2 \$18,564 265 Note: End of Life Capital Renewal 1 Ea. 2 \$18,5780 265 Note: End of Life Capital Renewal 1 Ea. 2 \$18,5780 265 Note: End of Life Capital Renewal 1 Ea. 2 \$18,590 265 Note: End of Life Capital Renewal 1 Ea. 2 \$18,590 265 Note: End of Life Capital Renewal 1 Ea. 2 \$18,590 265 Note: End of Life Capital Renewal 2 Ea. 2 \$1,459 265 Note: End of Life Capital Renewal 2 Ea. 2 \$1,459 265 Note: End of Life Capital Renewal 3 Ea. 2 \$1,459 265 Note: End of Life Capital Renewal 4 Ea. 2 \$1,459 265 Note: End of Life Capital Renewal 4 Ea. 2 \$1,459 265 Note: End of Life Capital Renewal 4 Ea. 2 \$1,459 265 Note: End of Life Capital Renewal 4 Ea. 2 \$1,459 265 Note: End of Life Capital Renewal 4 Ea. 2 \$1,459 265 Note: End of Life Capital Renewal 4 Ea. 2 \$1,459 265 Note: End of Life Capital Renewal 4 Ea. 2 \$1,459 265 Note: End of Life Capital Renewal 4 Ea. 2 \$1								
Note: Post life Fan Coli (Chilled Water) HVAC Component Replacement Capital Renewal 9 Ea. 2 \$\$1,424 265 Note: Post life Capital Renewal 2 Ea. 2 \$\$5,722 265 Note: Post life Capital Renewal 27,582 5 F 4 \$\$94,297 265 Note: Obsolete Capital Renewal 27,582 5 F 4 \$\$94,297 265 Note: Upgrade to DDC Sub Total for System 4 lens 5 \$237,769 267 Electrical Teas former of the placement Category Qty Uol Priority Repair Cost 10 Distribution Panel Replacement Capital Renewal 1 Ea. 2 \$\$18,564 263 Note: End of life Electrical Transformer Replacement Capital Renewal 1 Ea. 2 \$\$5,919 263 Note: End of life Electrical Renewal 1 Ea. 2 \$\$5,750 263 Note: End of Life Capital Renewal 1 Ea. 2 \$\$1,405 264 <								ID
Fan Coil (Chilled Water) HVAC Component Replacement Capital Renewal 9 Ea. 2 \$51,424 28 Note: Post life Gas Unit Heater Replacement Capital Renewal 2 Ea. 2 \$5,722 26 Note: Post life Existing Controls Are Ossolete Capital Renewal 27,582 8F 4 \$94,297 26 Note: Upgrade to DDC Sub Total for System 4 lems \$94,297 26 Electrical Sub Total for System 4 lems \$94,297 26 Deficiency Category Qty Uol Priority Repair Cost Independence			Capital Renewal	2	Ea.	2	\$86,327	2655
Note: Post life Gas Unit Heater Replacement Capital Renewal 2 Ea. 2 \$5,722 265 Note: Post life Capital Renewal 27,582 SF 4 \$94,297 265 Note: Upgrade to DDC Sub Total for System 4 items \$237,769 255 Electrical Deficiency Category Qty Um Priority Repair Cost 10 Distribution Panel Replacement Capital Renewal 1 Ea. 2 \$1,862 2 Note: End of Life Electrical Transformer Replacement Capital Renewal 1 Ea. 2 \$5,791 263 Note: End of Life Capital Renewal 1 Ea. 2 \$5,780 264 Note: End of Life Capital Renewal 1 Ea. 2 \$1,692 \$1,692 \$2,492 \$2,492								
Gas Unit Heater Replacement Note: Post life Capital Renewal 2 Ea. 2 \$5,722 265 Note: Post life Existing Controls Are Obsolete Capital Renewal 27,582 SF 4 \$94,297 265 Note: Post life Sub Total for System 1 Properties 4 Items \$94,297 265 Note: Post life Electrical Deficiency Category Qty UoM Priority Repair Cost 10 Priority Repair Cost 10 Priority Post life 20 Priority 2	Fan Coil (Chilled Wat		Capital Renewal	9	Ea.	2	\$51,424	2654
Note:	Note:	Post life						
Panelboard Replacerrent Panelboard Repl	Gas Unit Heater Rep	lacement	Capital Renewal	2	Ea.	2	\$5,722	2652
Note: Upgrade to DDC Sub Total for System 4 leters \$237,769 Electrical Deficiency Category Qty Uol Priority Repair Cost ID Distribution Panel Replacement Capital Renewal 1 Ea. 2 \$18,564 263 Note: End of life Electrical Transformer Replacement Capital Renewal 1 Ea. 2 \$5,75,780 263 Note: End of life Panelboard Replacement Capital Renewal 1 Ea. 2 \$75,780 263 Note: End of Life Capital Renewal 1 Ea. 2 \$1,439 264 Note: End of Life Capital Renewal 2 Ea. 2 \$1,439 264 Note: End of Life Capital Renewal 2 Ea. 2 \$1,939 \$44 24 2 \$2	Note:	Post life						
Sub Total for System 4 tems 5237,769 FElectrical	Existing Controls Are	Obsolete	Capital Renewal	27,582	SF	4	\$94,297	2653
Deficiency Category Oty UoM Priority Repair Cost ID	Note:	Upgrade to DDC						
Deficiency Category Qty UoM Priority Repair Cost ID			Sub Total for System	4	items		\$237,769	
Distribution Panel Replacement Capital Renewal 1 Ea. 2 \$18,564 263	Electrical							
Note: End of Life Electrical Transformer Replacement Capital Renewal 1 Ea. 2 \$5,919 263 Note: End of life Capital Renewal 1 Ea. 2 \$5,919 263 Note: End of life Capital Renewal 1 Ea. 2 \$2,782 264 Note: End of Life Capital Renewal 1 Ea. 2 \$1,459 264 Note: End of Life Capital Renewal 1 Ea. 2 \$1,459 264 Note: End of Life Capital Renewal 2 Ea. 2 \$1,459 264 Note: End of life Capital Renewal 2 Ea. 2 \$1,459 264 Note: End of Life Capital Renewal 2 Ea. 2 \$1,459 264 Note: End of Life Capital Renewal 2 Ea. 2 \$15,646 264 Note: End of Life Capital Renewal 2 Ea. 2 \$15,646 264 <t< td=""><td>Deficiency</td><td></td><td>Category</td><td>Qty</td><td>UoM</td><td>Priority</td><td>Repair Cost</td><td>ID</td></t<>	Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID
Electrical Transformer Replacement Note: End of life	Distribution Panel Re	placement	Capital Renewal	1	Ea.	2	\$18,564	2639
Note: End of life Electrical Transformer Replacement Capital Renewal 1 Ea. 2 \$75,780 263 Note: End of life Panelboard Replacement Capital Renewal 1 Ea. 2 \$2,782 264 Note: End of Life Capital Renewal 1 Ea. 2 \$1,459 264 Note: End of Life Capital Renewal 2 Ea. 2 \$10,999 264 Note: End of life Capital Renewal 4 Ea. 2 \$49,366 264 Note: End of Life Capital Renewal 4 Ea. 2 \$49,366 264 Note: End of Life Capital Renewal 4 Ea. 2 \$49,366 264 Note: End of Life Capital Renewal 2 Ea. 2 \$15,646 264 Note: End of Life Capital Renewal 1 Ea. 2 \$15,646 264 Note: End of Life Capital Renewal 1 Ea. 2 \$15,646 </td <td>Note:</td> <td>End of Life</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Note:	End of Life						
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Note: End of life Panelboard Replacement Capital Renewal 1 Ea. 2 \$2,782 264 Note: End of Life Panelboard Replacement Capital Renewal 1 Ea. 2 \$1,459 264 Note: End of Life Panelboard Replacement Capital Renewal 2 Ea. 2 \$10,999 264 Note: End of Life Capital Renewal 4 Ea. 2 \$49,366 264 Panelboard Replacement Capital Renewal 2 Ea. 2 \$49,366 264 Note: End of Life Capital Renewal 2 Ea. 2 \$15,646 264 Note: End of Life Switchgear Replacement Capital Renewal 1 Ea. 2 \$55,918 263	Note:	End of life						
Panelboard Replacement Capital Renewal 1 Ea. 2 \$2,782 264 Note: End of Life Panelboard Replacement Capital Renewal 1 Ea. 2 \$1,459 264 Note: End of Life Panelboard Replacement Capital Renewal 2 Ea. 2 \$49,366 264 Note: End of Life Panelboard Replacement Capital Renewal 2 Ea. 2 \$49,366 264 Note: End of Life Switchgear Replacement Capital Renewal 1 Ea. 2 \$15,646 264 Switchgear Replacement Capital Renewal 1 Ea. 2 \$55,918 263	Electrical Transforme	r Replacement	Capital Renewal	1	Ea.	2	\$75,780	2638
Note: End of Life Panelboard Replacement Capital Renewal 1 Ea. 2 \$1,459 264 Note: End of Life Panelboard Replacement Capital Renewal 2 Ea. 2 \$49,366 264 Note: End of Life Panelboard Replacement Capital Renewal 2 Ea. 2 \$15,646 264 Note: End of Life Switchgear Replacement Capital Renewal 1 Ea. 2 \$55,918 263	Note:	End of life						
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Panelboard Replacement Capital Renewal 1 Ea. 2 \$1,459 264 Note: End of Life Panelboard Replacement Capital Renewal 2 Ea. 2 \$10,999 264 Note: End of life Panelboard Replacement Capital Renewal 4 Ea. 2 \$49,366 264 Note: End of Life Switchgear Replacement Capital Renewal 1 Ea. 2 \$15,646 264 Switchgear Replacement Capital Renewal 1 Ea. 2 \$55,918 263	· ·		-					
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Panelboard Replacement Capital Renewal 2 Ea. 2 \$10,999 264 Note: End of Life Panelboard Replacement Capital Renewal 4 Ea. 2 \$49,366 264 Panelboard Replacement Capital Renewal 2 Ea. 2 \$15,646 264 Note: End of Life Switchgear Replacement Capital Renewal 1 Ea. 2 \$55,918 263			·				. ,	
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Panelboard Replacement Capital Renewal 4 Ea. 2 \$49,366 264 Note: End of Life Panelboard Replacement Capital Renewal 2 Ea. 2 \$15,646 264 Note: End of Life Switchgear Replacement Capital Renewal 1 Ea. 2 \$55,918 263			1	_			,	•
Note: End of Life Panelboard Replacement Capital Renewal 2 Ea. 2 \$15,646 264 Note: End of Life Switchgear Replacement Capital Renewal 1 Ea. 2 \$55,918 263			Capital Renewal	4	Ea.	2	\$49.366	2645
Note: End of Life Switchgear Replacement Capital Renewal 2 Ea. 2 \$15,646 264 Capital Renewal 1 Ea. 2 \$55,918 263	· ·		Capital Honoral	7		-	\$ 10,000	_5.0
Note: End of Life Switchgear Replacement Capital Renewal 1 Ea. 2 \$55,918 263			Canital Renewal	2	Fa	2	\$15.646	2646
Switchgear Replacement Capital Renewal 1 Ea. 2 \$55,918 263	· ·		Capital Iteliewal	2	Lu.	_	Ψ13,040	2040
			Canital Panawal	1	Fa	2	\$55 019	2636
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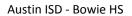


Electrical

Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID
Canopy Lighting Re	placement	Capital Renewal	2	Ea.	3	\$4,166	2647
Note:	End of Life						
Exterior Mounted Bu	uilding Lighting Replacement	Capital Renewal	2	Ea.	3	\$1,803	2648
Note:	End of Life						
Lighting Fixtures Re	•	Capital Renewal	27,582	SF	3	\$505,814	2651
Note:	End of Life					^-	
		Sub Total for System	12	items		\$748,216	
Crawlspace							
Deficiency		Category		UoM	Priority	Repair Cost	ID
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	97,435	Ea.	5	\$114,472	6493
Note:	SOIL/DRAINAGE BELOW BUILDING - Improve drainage 1 LS						
	FICIENCIES - Estimate and Info by AISD	Deferred	125,273	Ea.	5	\$147,177	6494
	•	Maintenance					
Note:	CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 LS						
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	69,596	Ea.	5	\$81,765	6495
Note:	CRAWL SPACE, EXPOSED PIPES - Repair rusted pipes and hange						
	FICIENCIES - Estimate and Info by AISD	Deferred	279,565	Ea.	5	\$328,447	6496
	,	Maintenance	,			. ,	
Note:	CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing						
		Sub Total for System	4	items		\$671,861	
	Sub Total for Building 013E - Vocation	al / Art / Shop Building	25	items		\$1,752,301	
Building: 0	13F - Mechanical Building						
Interior							
Deficiency		Category	Qtv	UoM	Priority	Repair Cost	ID
Epoxy Flooring Repa	air Or Replacement	Deferred	218		4	\$2,628	
	·	Maintenance					
Note:	Beyond useful life						
Interior Ceiling Repa	ainting	Deferred Maintenance	5,461	SF	5	\$11,373	2656
Note:	Beyond useful life						
	•	Sub Total for System	2	items		\$14,001	
Mechanical							
Deficiency		Category	Qtv	UoM	Priority	Repair Cost	ID
Air Compressor Rep	placement	Capital Renewal		Ea.	3	\$13,219	2665
Note:	Post life	•				. ,	
Circulation Pump Re	eplacement	Capital Renewal	1	Ea.	3	\$14,381	2666
Note:	Not connected						
		Sub Total for System	2	items		\$27,601	
Electrical							
Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID
Distribution Panel R	eplacement	Capital Renewal	1	Ea.	2	\$18,564	2660
Note:	End of life						
Electrical Transform	er Replacement	Capital Renewal	1	Ea.	2	\$5,519	2659
Note:	End of life						
Motor Control Cente	er Replacement	Capital Renewal	1	Ea.	2	\$1,837	2658
Note:	End of Life						
Panelboard Replace	ement	Capital Renewal	1	Ea.	2	\$2,782	2661
Note:	End of life						
Panelboard Replace		Capital Renewal	1	Ea.	2	\$9,372	2662
Note:	End of life			_		4	
Panelboard Replace		Capital Renewal	3	Ea.	2	\$28,117	2663
Note:	End of life	0 11 15			-	0.1	
Lighting Fixtures Re	placement	Capital Renewal	5,461	SF	3	\$100,147	2664

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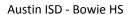




Electrical

Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID
Note:	End of life						
		Sub Total for System	7	items		\$166,338	
	Sub Total for	Building 013F - Mechanical Building	11	items		\$207,940	
Buildina: 0	13G - Stand-Alone Cafeteria, G	vm. Theater					
Interior		,					
		0.1	0.		D : ::	D : 0 :	15
Deficiency		Category		UoM	Priority	Repair Cost	ID
Interior Door Replac		Capital Renewal	15	Door	3	\$28,134	2673
Note:	Damaged						
	: Building wide	0 % 10	4= 00=	0=		* 400.000	
Carpet Flooring Rep		Capital Renewal	15,297	SF	4	\$193,663	2669
Note:	Beyond useful life						
	: Building wide			_			
Metal Interior Door F		Capital Renewal	10	Door	4	\$28,938	2671
Note:	Damaged						
	: Building wide						
Metal Interior Door F	Replacement	Capital Renewal	10	Door	4	\$28,938	2672
Note:	Damaged						
Location	: Building wide						
Plaster Ceiling Repl	acement	Capital Renewal	26,224	SF	4	\$51,120	2667
Note:	Repairs needed in 10% of plaster ceiling						
Location	: Building wide						
Vinyl Composition T	ile Replacement	Capital Renewal	9,000	SF	4	\$73,599	2670
Note:	Damaged and beyond useful life						
Location	: Building wide						
Interior Wall Repain	ting (Bldg SF)	Capital Renewal	8,000	SF	5	\$35,847	2668
Note:	Damaged and stained						
Location	: Building wide						
		Sub Total for System	7	items		\$440,240	
Mechanical							
Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID
Existing Controls Ar	e Obsolete	Capital Renewal	109,266		4	\$373,557	2682
Note:	Upgrade to DDC		,	-		*,	
	: Building wide						
	Danding mad	Sub Total for System	1	items		\$373,557	
Electrical						40.0,00.	
			0.		5	5 . 6 .	
Deficiency		Category		UoM	Priority	Repair Cost	ID
Distribution Panel R		Capital Renewal	2	Ea.	2	\$35,605	2675
Note:	End of life						
Electrical Transform	·	Capital Renewal	1	Ea.	2	\$18,241	2674
Note:	End of life						
Panelboard Replace	ement	Capital Renewal	3	Ea.	2	\$8,346	2676
Note:	End of life						
Panelboard Replace	ement	Capital Renewal	3	Ea.	2	\$16,499	2677
Note:	End of life						
Panelboard Replace	ement	Capital Renewal	2	Ea.	2	\$24,683	2678
Note:	End of life						
Panelboard Replace	ement	Capital Renewal	4	Ea.	2	\$11,128	2679
Note:	End of life						
Panelboard Replace	ement	Capital Renewal	1	Ea.	2	\$13,891	2680
Note:	End of life						







Electrical

Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID
Note:	End of life						
		Sub Total for System	8	items		\$2,132,172	
Crawlspace							
Deficiency		Category	Qty	UoM	Priority	Repair Cost	ID
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	126,943	Ea.	5	\$149,139	6497
Note:	SOIL/DRAINAGE BELOW BUILDING - Improve drainage						
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	139,192	Ea.	5	\$163,530	6498
Note:	CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 1 I	_S					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	25,055	Ea.	5	\$29,436	6499
Note:	CRAWL SPACE ACCESS/VENTILATION - repair access 3 EA						
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	123,533	Ea.	5	\$145,133	6500
Note:	SPECIAL FOUNDATIONS - repair mild honeycombing 1,775 LF						
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	219,769	Ea.	5	\$258,196	6501
Note:	SUSPENDED FLOOR BEAMS - repair mild honeycombing & reinfo	rcement					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	879,074	Ea.	5	\$1,032,781	6502
Note:	SUSPENDED FLOOR SLABS - repair honeycombing, severe spalli	ng & reinforcement					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	879,074	Ea.	5	\$1,032,781	6503
Note:	SUSPENDED FLOOR SLABS - repair honeycombing, severe spalli	ng & reinforcement					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	41,758	Ea.	5	\$49,059	6504
Note:	CRAWL SPACE, EXPOSED DUCTWORK - Repair ductwork						
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	9,743	Ea.	5	\$11,447	6505
Note:	CRAWL SPACE, EQUIPMENT - Repair junction box 1 LS						
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	586,050	Ea.	5	\$688,521	6506
Note:	CRAWL SPACE, SPRAY FIREPROOFING - replace fireproofing, 5	0% 105,259 GSF					
		Sub Total for System	10	items		\$3,560,023	
	Sub Total for Building 013G - Stand-Alone	Cafeteria, Gym, Theater	26	items		\$6,505,991	
		Total for Campus	113	items		\$20,669,910	

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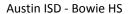
Bowie HS - Life Cycle Summary Yrs 1-10 Site Level Life Cycle Items

Site

Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Fences and Gates	Fencing - Chain Link (4 Ft)	'	7,390	LF	\$348,788	4
Fences and Gates	Fencing - Ornamental, Iron		150	LF	\$11,772	5
Pedestrian Pavement	Sidewalks - Concrete		53,225	SF	\$602,892	8
Parking Lot Pavement	Asphalt		375	CAR	\$544,051	10
		Sub Total for System	4	items	\$1,507,503	
Roofing						
Uniformat Description	LC Type Description		Otv	UoM	Renair Cost	Remaining Life
Canopy Roofing	Steel panels	-	33,531		\$1,701,190	10
g		Sub Total for System		items	\$1,701,190	
Electrical		·			. , ,	
	107 8 10		0.		5 . 6 .	
Uniformat Description	LC Type Description			UoM		Remaining Life
Parking Lot Lighting	Pole Lighting	Out Tatalitas Oustans		Ea.	\$349,180	5
		Sub Total for System		items	\$349,180	
		Sub Total for Building -	6	items	\$3,557,872	
Building: 013A - Admini:	strative Building					
Evtorior						
Exterior						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Aluminum - Windows per SF		1,170		\$116,680	1
Exterior Operating Windows	Steel - Windows per SF		1,560		\$225,485	1
Exterior Operating Windows	Steel - Windows per SF		448		\$64,755	1
Exterior Entrance Doors	Steel - Insulated and Painted			Door	\$37,070	1
Exterior Wall Veneer	Metal Panel - Bldg SF basis		7,323		\$26,158	5
		Sub Total for System	5	items	\$470,149	
Interior						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles		13,621	SF	\$45,995	3
Acoustical Suspended Ceilings	Ceilings - Acoustical Grid System		13,621	SF	\$56,721	5
Suspended Plaster and	Painted ceilings		732	SF	\$1,524	5
Wall Painting and Coating	Painting/Staining (Bldg SF)		10,985	SF	\$49,223	5
Compartments and Cubicles	Toilet Partitions		5	Stall	\$10,082	5
nterior Door Supplementary Components	Door Hardware		46	Door	\$68,292	5
Carpeting	Carpet		12,449	SF	\$157,606	6
Resilient Flooring	Vinyl Composition Tile Flooring		732	SF	\$5,986	9
Interior Coiling Doors	Interior Overhead Doors		5	Ea.	\$26,432	9
		Sub Total for System	9	items	\$421,863	
Mechanical						
Uniformat Description	LC Type Description		Otv	UoM	Repair Cost	Remaining Life
Decentralized Cooling	Fan Coil - Water Cool/Water Heat (5 Ton)	i i		Ea.	\$11,428	5
Facility Hydronic Distribution	Pump - 5HP			Ea.	\$6,850	5
Heating System Supplementary	Controls - DDC (Bldg.SF)		14,646		\$39,504	10
Components	Controls BBC (Blag.Cr.)		14,040	O.	ψ00,004	10
Facility Hydronic Distribution	4-Pipe System		14,646	SF	\$35,439	10
		Sub Total for System	4	items	\$93,220	
Electrical						
Uniformat Description	LC Type Description		Qtv	UoM	Repair Cost	Remaining Life
Audio-Video Systems	PA Communications No Head Unit (Bldg SF)		14,646		\$10,368	4
Distributed Systems	Public Address System Head End Unit			Ea.	\$7,307	4
Power Distribution	Power Wiring		14,646		\$17,395	10
		Sub Total for System	•	items	\$35,069	. •
Dlumbina		Jan Jan 101 Oyololli	J		ψ00,003	
Plumbing						
Uniformat Description	LC Type Description			UoM		Remaining Life
Domestic Water Equipment	Water Heater - Gas - 50 gallon		1	Ea.	\$3,491	3



\$1,766,257





Plumbing

Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Domestic Water Equipment	Water Heater - Gas - 30 gallon		1	Ea.	\$3,652	3
Domestic Water Equipment	Backflow Preventers - 3/4 in. (Ea.)		1	Ea.	\$879	5
Domestic Water Equipment	Backflow Preventers - 2 in. (Ea.)		1	Ea.	\$2,092	5
Plumbing Fixtures	Restroom Lavatory		9	Ea.	\$24,447	5
Plumbing Fixtures	Showers		1	Ea.	\$1,306	5
Plumbing Fixtures	Toilets		11	Ea.	\$55,653	5
Plumbing Fixtures	Urinals		1	Ea.	\$1,354	5
Plumbing Fixtures	Refrigerated Drinking Fountain		1	Ea.	\$2,202	5
Domestic Water Equipment	Gas Piping System (BldgSF)		14,646	SF	\$507,854	10
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)		14,646	SF	\$52,634	10
Sanitary Sewerage Piping	Sanitary Sewer Piping		14,646	SF	\$16,260	10
		Sub Total for System	12	items	\$671,824	
Fire and Life Safety						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Fire Detection and Alarm	Fire Alarm		14,646	SF	\$23,255	3
Fire Detection and Alarm	Fire Alarm Panel		1	Ea.	\$6,868	3
		Sub Total for System	2	items	\$30,123	
Specialties						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Casework	Fixed Cabinetry		5	Room	\$44,009	5
		Sub Total for System	1	items	\$44,009	

Building: 013B - Stand-Alone Classroom Building (has some Science Clsrms)

Exterior

Uniformat Description	LC Type Description	Qt	y UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Aluminum - Windows per SF	96	0 SF	\$95,738	1
Exterior Operating Windows	Aluminum - Windows per SF	37,00	0 SF	\$3,689,895	1
Exterior Operating Windows	Aluminum - Windows per SF	28	8 SF	\$28,721	1
Exterior Operating Windows	Steel - Windows per SF	8,75	0 SF	\$1,264,740	1
Exterior Operating Windows	Steel - Windows per SF	9,00	0 SF	\$1,300,876	1
Exterior Operating Windows	Steel - Windows per SF	48	0 SF	\$69,380	1
Exterior Entrance Doors	Steel - Insulated and Painted	5	5 Door	\$203,885	1
Exterior Wall Veneer	Metal Panel - Bldg SF basis	200,38	4 SF	\$715,788	5
		Sub Total for System	8 items	\$7,369,023	

Sub Total for Building 013A - Administrative Building

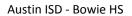
Interior

Uniformat Description	LC Type Description	Qt	y UoM	Repair Cost	Remaining Life
Wall Painting and Coating	Painting/Staining (Bldg SF)	146,94	3 SF	\$658,463	2
Compartments and Cubicles	Toilet Partitions	10	3 Stall	\$217,780	2
Acoustical Suspended Ceilings	Ceilings - Acoustical Grid System	144,27	S SF	\$600,800	3
Suspended Plaster and	Painted ceilings	8,01:	5 SF	\$16,692	3
Tile Flooring	Ceramic Tile	8,01:	5 SF	\$141,603	3
Interior Door Supplementary Components	Door Hardware	35	1 Door	\$521,097	3
Wall Coverings	Vinyl/Fabric Wall Covering	57,44	3 SF	\$270,672	4
Resilient Flooring	Vinyl Composition Tile Flooring	144,27	S SF	\$1,179,848	5
Interior Swinging Doors	Wooden Door	3	6 Door	\$67,522	5
Wall Painting and Coating	Painting/Staining (Bldg SF)	146,94	3 SF	\$658,463	9
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	144,27	S SF	\$487,184	10
		Sub Total for System 1	1 items	\$4,820,124	

Mechanical

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Heating System Supplementary Components	Controls - DDC (Bidg.SF)	267,178	SF	\$720,639	3
Decentralized Cooling	Package DX Unit (5 Ton)	2	Ea.	\$22,743	4
Decentralized Cooling	Package DX Unit (5 Ton)	2	Ea.	\$22,743	4
Decentralized Cooling	Fan Coil - Water Cool/Water Heat (5 Ton)	66	Ea.	\$377,111	5
Decentralized Cooling	Fan Coil - Water Cool/Water Heat (5 Ton)	63	Ea.	\$359,970	5
Air Distribution	Make-up Air Unit	2	Ea.	\$17,777	5
Other HVAC Distribution Systems	VFD (5 HP)	2	Ea.	\$8,786	5
HVAC Air Distribution	Ductwork (Bldg.SF)	267,178	SF	\$2,114,031	5





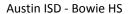


Mechanical

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Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Exhaust Air	Roof Exhaust Fan - Large		5	Ea.	\$40,181	5
Exhaust Air	Wall Exhaust Fan		3	Ea.	\$14,194	5
Exhaust Air	Interior Ceiling Exhaust Fan		19	Ea.	\$9,247	5
HVAC Air Distribution	AHU 5,000 CFM Interior		11	Ea.	\$474,797	10
		Sub Total for System	12	items	\$4,182,218	
Electrical						
Uniformat Description	LC Type Description		Otv	UoM	Popair Cost	Remaining Life
Audio-Video Systems	PA Communications No Head Unit (Bldg SF)		267,178		\$189,129	4
Power Distribution	Panelboard - 120/208 225A			Ea.	\$60,495	5
Power Distribution	Panelboard - 120/208 400A			Ea.		
Power Distribution	Panelboard - 120/206 400A Panelboard - 277/480 100A				\$86,391	5
Lighting Fixtures				Ea. Ea.	\$73,573 \$41,650	5 10
•	Canopy Mounted Fixtures (Ea.)				\$41,659	
Power Distribution	Power Wiring	Out Total for Ouston	267,178		\$317,324	10
		Sub Total for System	6	items	\$768,571	
Plumbing						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Domestic Water Equipment	Water Heater - Gas - 100 Gallon		1	Ea.	\$6,384	3
Plumbing Fixtures	Classroom Lavatory		85	Ea.	\$217,982	4
Plumbing Fixtures	Sink - Service / Mop Sink		3	Ea.	\$2,388	4
Plumbing Fixtures	Showers		1	Ea.	\$1,306	4
Plumbing Fixtures	Toilets		107	Ea.	\$541,354	4
Plumbing Fixtures	Urinals		42	Ea.	\$56,877	4
Plumbing Fixtures	Refrigerated Drinking Fountain		41	Ea.	\$90,298	4
Facility Potable-Water Storage Tanks	Water Storage Tank - 5,000 Gallon			Ea.	\$8,165	5
Plumbing Fixtures	Classroom Lavatory		182		\$466,739	5
Domestic Water Equipment	Gas Piping System (BldgSF)		267,178		\$9,264,468	10
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)		267,178		\$960,165	10
· -						
Sanitary Sewerage Piping	Sanitary Sewer Piping	Cub Tatal for Custom	267,178		\$296,629	10
		Sub Total for System	12	items	\$11,912,755	
Fire and Life Safety						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Fire Detection and Alarm	Fire Alarm		267,178	SF	\$424,230	3
		Sub Total for System	1	items	\$424,230	
Conveyances						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Elevators	Passenger elevator cab finishes			Ea.	\$7,985	5
		Sub Total for System		items	\$7,985	
Charielties					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Specialties						
Uniformat Description	LC Type Description			UoM	Repair Cost	Remaining Life
Casework	Fixed Cabinetry		112	Room	\$985,810	3
Casework	Lockers		2,201	Ea.	\$1,172,574	5
		Sub Total for System	2	items	\$2,158,383	
Sub Total fo	r Building 013B - Stand-Alone Classroom Building	g (has some Science Clsrms)	53	items	\$31,643,290	
Building: 013C - Green	house					
_						
Exterior						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Exterior Wall Veneer	Clear Polycarbonate (Greenhouse) walls		570		\$5,107	1
Exterior Operating Windows	Aluminum - Windows per SF		180		\$17,951	1
Exterior Entrance Doors	Storefront Doors - Glass/Aluminum			Door	\$7,938	1
		Sub Total for System		items	\$30,996	
Floctrical			·	-	,-30	
Electrical					_	
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Lighting Fixtures	Light Fixtures (Bldg SF)		633	SF	\$11,608	10
		Sub Total for System	1	items	\$11,608	
Fire and Life Safety						
Uniformat Description	LC Type Description		Qtv	UoM	Repair Cost	Remaining Life
Security System Component	Security Alarm System		633		\$1,457	5
Security System Component	Sociality Mailli System		033	J1	φ1,437	5

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Fire	and	Life	Safety
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Uniformat Description	LC Type Description		Qty UoM	Repair Cost	Remaining Life
Fire Detection and Alarm	Fire Alarm		633 SF	\$1,005	5
		Sub Total for System	2 items	\$2,462	
		Sub Total for Building 013C - Greenhouse	6 items	\$45,066	
Building: 013D - Gr	eenhouse				

Building: 013D - Greenhouse

Exterior

Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Exterior Wall Veneer	Clear Polycarbonate (Greenhouse) walls		821	SF	\$7,356	1
Exterior Operating Windows	Aluminum - Windows per SF		180	SF	\$17,951	1
Exterior Entrance Doors	Storefront Doors - Glass/Aluminum		1	Door	\$3,969	1
		Sub Total for System	3	items	\$29,275	
Electrical						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Lighting Fixtures	Light Fixtures (Bldg SF)		912	SF	\$16,725	5
No	te: Fluorecent Lights					
Power Distribution	Power Wiring		912	SF	\$1,083	10
		Sub Total for System	2	items	\$17,808	
Fire and Life Safety						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life

Uniformat Description	LC Type Description		Qty l	UoM	Repair Cost	Remaining Life
Security System Component	Security Alarm System		912 \$	SF	\$2,099	5
Fire Detection and Alarm	Fire Alarm		912 \$	SF	\$1,448	5
		Sub Total for System	2 i	items	\$3,547	
		Sub Total for Building 013D - Greenhouse	7 i	items	\$50,631	

Building: 013E - Vocational / Art / Shop Building

Exterior

Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Steel - Windows per SF		160	SF	\$23,127	1
Exterior Entrance Doors	Steel - Insulated and Painted		15	Door	\$55,605	1
Exterior Utility Doors	Overhead Door		10	Door	\$83,073	1
Exterior Wall Veneer	Metal Panel - Bldg SF basis	5	,516	SF	\$19,704	5
		Sub Total for System	4	items	\$181,509	

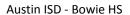
Interior

Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Wall Painting and Coating	Painting/Staining (Bldg SF)		9,102	SF	\$40,785	2
Suspended Plaster and	Painted ceilings		12,688	SF	\$26,424	3
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles		10,205	SF	\$34,460	3
Resilient Flooring	Rubber Tile Flooring		3,861	SF	\$58,367	3
Resilient Flooring	Vinyl Composition Tile Flooring		9,102	SF	\$74,434	3
Interior Door Supplementary Components	Door Hardware		43	Door	\$63,838	4
Acoustical Suspended Ceilings	Ceilings - Acoustical Grid System		10,205	SF	\$42,496	5
Wall Coverings	FRP Wall Finish		552	SF Wall	\$4,200	5
Athletic Flooring	Athletic/Sport Flooring		4,137	SF	\$63,467	5
Tile Flooring	Ceramic Tile		1,379	SF	\$24,363	5
Tile Flooring	Quarry Tile		1,655	SF	\$45,242	5
Interior Swinging Doors	Wooden Door		17	Door	\$31,885	5
Interior Swinging Doors	Wooden Door		1	Door	\$1,876	5
Interior Swinging Doors	Wooden Door		1	Door	\$1,876	5
Wall Painting and Coating	Painting/Staining (Bldg SF)		9,102	SF	\$40,785	9
Compartments and Cubicles	Toilet Partitions		4	Stall	\$8,066	10
		Sub Total for System	16	items	\$562,565	

Mechanical

Uniformat Description	LC Type Description	Qty UoM	Repair Cost Remaining L
Facility Hydronic Distribution	Pump - 5HP	1 Ea.	\$6,850 3
Heating System Supplementary Components	Controls - Pneumatic (Bldg.SF)	27,582 SF	\$94,297 3
HVAC Air Distribution	Roof Top Unit - DX Gas (5 Ton)	2 Ea.	\$31.818 4







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Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
HVAC Air Distribution	Ductwork (Bldg.SF)		27,582	SF	\$218,241	5
Exhaust Air	Wall Exhaust Fan		6	Ea.	\$28,388	5
		Sub Total for System	5	items	\$379,594	
Electrical						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Audio-Video Systems	PA Communications No Head Unit (Bldg SF)		27,582	SF	\$19,525	4
Power Distribution	Power Wiring		27,582	SF	\$32,759	10
		Sub Total for System	2	items	\$52,283	
Plumbing						
Uniformat Description	LC Type Description		Otv	UoM	Renair Cost	Remaining Life
Domestic Water Equipment	Water Heater - Gas - 75 Gallons	,		Ea.	\$5,203	3
Plumbing Fixtures	Restroom Lavatory			Ea.	\$21,730	4
Plumbing Fixtures	Sink - Service / Mop Sink		1	Ea.	\$796	4
Plumbing Fixtures	Refrigerated Drinking Fountain		2	Ea.	\$4,405	4
Compressed-Air Systems	Air Compressor (10 hp)		1	Ea.	\$13,219	4
Domestic Water Equipment	Backflow Preventers - 3/4 in. (Ea.)		1	Ea.	\$879	5
Domestic Water Equipment	Backflow Preventers - 2 in. (Ea.)		1	Ea.	\$2,092	5
Plumbing Fixtures	Classroom Lavatory		7	Ea.	\$17,951	5
Domestic Water Equipment	Gas Piping System (BldgSF)		27,582	SF	\$956,413	10
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)		27,582		\$99,122	10
Sanitary Sewerage Piping	Sanitary Sewer Piping		27,582	SF	\$30,622	10
		Sub Total for System	11	items	\$1,152,433	
Fire and Life Safety						
Uniformat Description	LC Type Description		Otv	UoM	Renair Cost	Remaining Life
Fire Detection and Alarm	Fire Alarm		27,582		\$43,795	3
The Detection and Alaim	The Alam	Sub Total for System	,	items	\$43,795	3
		oub rotal for dystern	•	items	ψ+3,733	
Charialtica						
Specialties						
Uniformat Description	LC Type Description			UoM		Remaining Life
•	LC Type Description Fixed Cabinetry		4	Room	\$35,207	Remaining Life
Uniformat Description	Fixed Cabinetry	Sub Total for System	4	Room items	\$35,207 \$35,207	
Uniformat Description Casework	Fixed Cabinetry Sub Total for Building 013E - Voc	•	4	Room	\$35,207	
Uniformat Description	Fixed Cabinetry Sub Total for Building 013E - Voc	•	4	Room items	\$35,207 \$35,207	
Uniformat Description Casework Building: 013F - Mechan	Fixed Cabinetry Sub Total for Building 013E - Voc	•	4	Room items	\$35,207 \$35,207	
Uniformat Description Casework Building: 013F - Mechan Exterior	Fixed Cabinetry Sub Total for Building 013E - Voca	•	4 1 40	Room items items	\$35,207 \$35,207 \$2,407,387	4
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description	Fixed Cabinetry Sub Total for Building 013E - Voca ical Building LC Type Description	•	4 1 40 Qty	Room items items	\$35,207 \$35,207 \$2,407,387	4 Remaining Life
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors	Fixed Cabinetry Sub Total for Building 013E - Voc. ical Building LC Type Description Steel - Insulated and Painted	•	4 1 40 Qty 5	Room items items	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535	4 Remaining Life
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors	Fixed Cabinetry Sub Total for Building 013E - Voc. ical Building LC Type Description Steel - Insulated and Painted Overhead Door	•	Qty 5 1	Room items items	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307	4 Remaining Life 1 1
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors	Fixed Cabinetry Sub Total for Building 013E - Voc. ical Building LC Type Description Steel - Insulated and Painted	ational / Art / Shop Building	4 1 1 40 Qty 5 1 1,092	Room items items UoM Door Door SF	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901	4 Remaining Life
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer	Fixed Cabinetry Sub Total for Building 013E - Voc. ical Building LC Type Description Steel - Insulated and Painted Overhead Door	•	4 1 1 40 Qty 5 1 1,092	Room items items	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307	4 Remaining Life 1 1
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors	Fixed Cabinetry Sub Total for Building 013E - Voc. ical Building LC Type Description Steel - Insulated and Painted Overhead Door	ational / Art / Shop Building	4 1 1 40 Qty 5 1 1,092	Room items items UoM Door Door SF	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901	4 Remaining Life 1 1
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer	Fixed Cabinetry Sub Total for Building 013E - Voc. ical Building LC Type Description Steel - Insulated and Painted Overhead Door	ational / Art / Shop Building	4 1 40 Qty 5 1 1,092 3	Room items items UoM Door Door SF	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743	4 Remaining Life 1 1
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior	Sub Total for Building 013E - Voca ical Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis	ational / Art / Shop Building	4 1 40 Qty 5 1 1,092 3 Qty	Room items items UoM Door Door SF items	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743	4 Remaining Life 1 1 5
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Uniformat Description	Sub Total for Building 013E - Voca ical Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bidg SF basis LC Type Description	ational / Art / Shop Building	4 1 40 40 5 5 1 1 1,092 3 4ty 6	Room items items UoM Door Door SF items	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost	Remaining Life 1 1 5 Remaining Life
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior Uniformat Description Interior Door Supplementary Components	Sub Total for Building 013E - Voca ical Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis LC Type Description Door Hardware	ational / Art / Shop Building	4 1 40 40 5 5 1 1 1,092 3 4ty 6	Room items items UoM Door Door SF items UoM Door	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost \$8,908	Remaining Life 1 1 5 Remaining Life 4
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior Uniformat Description Interior Swinging Doors	Sub Total for Building 013E - Voca iCal Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis LC Type Description Door Hardware Metal Door (Steel)	ational / Art / Shop Building	4 1 40 40 5 5 1 1 1,092 3 Qty 6 6 6 5,461	Room items items UoM Door Door SF items UoM Door	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost \$8,908 \$17,363	Remaining Life 1 1 5 Remaining Life 4 5
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior Uniformat Description Interior Swinging Doors	Sub Total for Building 013E - Voca iCal Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis LC Type Description Door Hardware Metal Door (Steel)	ational / Art / Shop Building Sub Total for System	4 1 40 40 5 5 1 1 1,092 3 Qty 6 6 6 5,461	Room items items UoM Door Door SF items UoM Door SF SF SF SF SF SF	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost \$8,908 \$17,363 \$11,373	Remaining Life 1 1 5 Remaining Life 4 5
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior Uniformat Description Interior Door Supplementary Components Interior Swinging Doors Suspended Plaster and	Sub Total for Building 013E - Voca iCal Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis LC Type Description Door Hardware Metal Door (Steel)	ational / Art / Shop Building Sub Total for System	4 1 40 40 5 1 1,092 3 3 Qty 6 6 6 5,461 3	Room items items UoM Door Door SF items UoM Door SF SF SF SF SF SF	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost \$8,908 \$17,363 \$11,373 \$37,644	Remaining Life 1 1 5 Remaining Life 4 5
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior Uniformat Description Interior Swinging Doors Suspended Plaster and Mechanical	Sub Total for Building 013E - Voca ical Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis LC Type Description Door Hardware Metal Door (Steel) Painted ceilings	ational / Art / Shop Building Sub Total for System	4 1 1 40	Room items items UoM Door Door SF items UoM Door SF items	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost \$8,908 \$17,363 \$11,373 \$37,644	Remaining Life 1 1 5 Remaining Life 4 5 10
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior Uniformat Description Interior Door Supplementary Components Interior Swinging Doors Suspended Plaster and Mechanical Uniformat Description	Sub Total for Building 013E - Voca ical Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis LC Type Description Door Hardware Metal Door (Steel) Painted ceilings LC Type Description	ational / Art / Shop Building Sub Total for System	4 1 1 40	Room items items UoM Door Door SF items UoM Door Door SF items	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost \$8,908 \$17,363 \$11,373 \$37,644 Repair Cost	Remaining Life 1 1 5 Remaining Life 4 5 10
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior Uniformat Description Interior Door Supplementary Components Interior Swinging Doors Suspended Plaster and Mechanical Uniformat Description Heat Generation	Sub Total for Building 013E - Voca ical Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis LC Type Description Door Hardware Metal Door (Steel) Painted ceilings LC Type Description Boiler - Copper Tube (4800 MBH)	ational / Art / Shop Building Sub Total for System	4 1 1 40	Room items items UoM Door Door SF items UoM Door Door SF items	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost \$8,908 \$17,363 \$11,373 \$37,644 Repair Cost \$1,044,195	Remaining Life 1 1 5 Remaining Life 4 5 10 Remaining Life 3
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior Uniformat Description Interior Door Supplementary Components Interior Swinging Doors Suspended Plaster and Mechanical Uniformat Description Heat Generation Facility Hydronic Distribution	Sub Total for Building 013E - Voca ical Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis LC Type Description Door Hardware Metal Door (Steel) Painted ceilings LC Type Description Boiler - Copper Tube (4800 MBH) Pump - 5HP	ational / Art / Shop Building Sub Total for System	4 1 1 40	Room items items UoM Door Door SF items UoM Door Door SF items UoM Ea. Ea.	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost \$8,908 \$17,363 \$11,373 \$37,644 Repair Cost \$1,044,195 \$13,700	Remaining Life 1 1 5 Remaining Life 4 5 10 Remaining Life 3 3
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior Uniformat Description Interior Door Supplementary Components Interior Swinging Doors Suspended Plaster and Mechanical Uniformat Description Heat Generation Facility Hydronic Distribution Facility Hydronic Distribution	Sub Total for Building 013E - Voca iCal Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis LC Type Description Door Hardware Metal Door (Steel) Painted ceilings LC Type Description Boiler - Copper Tube (4800 MBH) Pump - 5HP Pump- 25HP (Ea.)	ational / Art / Shop Building Sub Total for System	4 1 1 40 40 5 5 1 1 1,092 3 3 4 5 5 461 7 2 2 4 5 5	Room items items UoM Door Door SF items UoM Door Door SF items UoM Ea. Ea.	\$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost \$8,908 \$17,363 \$11,373 \$37,644 Repair Cost \$1,044,195 \$13,700 \$57,525	Remaining Life 1 1 5 Remaining Life 4 5 10 Remaining Life 3 3 3
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior Uniformat Description Interior Swinging Doors Suspended Plaster and Mechanical Uniformat Description Heat Generation Facility Hydronic Distribution Facility Hydronic Distribution Facility Hydronic Distribution Decentralized Heating Equipment Heating System Supplementary	Sub Total for Building 013E - Voca iCal Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis LC Type Description Door Hardware Metal Door (Steel) Painted ceilings LC Type Description Boiler - Copper Tube (4800 MBH) Pump - 5HP Pump - 25HP (Ea.) Pump- 25HP (Ea.)	ational / Art / Shop Building Sub Total for System	4 1 1 40 40 5 5 1 1 1,092 3 3 4 5 5 461 7 2 2 4 5 5	Room items items UoM Door Door SF items UoM Door Door SF items UoM Ea. Ea. Ea. Ea. Ea.	\$35,207 \$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost \$8,908 \$17,363 \$11,373 \$37,644 Repair Cost \$1,044,195 \$13,700 \$57,525 \$71,907	Remaining Life 1 1 5 Remaining Life 4 5 10 Remaining Life 3 3 3 3
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior Uniformat Description Interior Swinging Doors Suspended Plaster and Mechanical Uniformat Description Heat Generation Facility Hydronic Distribution Facility Hydronic Distribution Facility Hydronic Distribution Decentralized Heating Equipment Heating System Supplementary Components	Sub Total for Building 013E - Voc. ical Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis LC Type Description Door Hardware Metal Door (Steel) Painted ceilings LC Type Description Boiler - Copper Tube (4800 MBH) Pump - 5HP Pump - 25HP (Ea.) Pump- 25HP (Ea.) Unit Heater Gas (20 MBH) Controls - DDC (Bldg.SF)	ational / Art / Shop Building Sub Total for System	4 1 40 40 5 1 40 40 5 1 40 40 40 40 40 40 40 40 40 40 40 40 40	Room items items UoM Door Door SF items UoM Door Loor SF items UoM Ea. Ea. Ea. Ea. SF	\$35,207 \$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost \$8,908 \$17,363 \$11,373 \$37,644 Repair Cost \$1,044,195 \$13,700 \$57,525 \$71,907 \$8,582 \$14,730	Remaining Life 1 1 5 Remaining Life 4 5 10 Remaining Life 3 3 3 4 5
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior Uniformat Description Interior Swinging Doors Suspended Plaster and Mechanical Uniformat Description Heat Generation Facility Hydronic Distribution Facility Hydronic Distribution Facility Hydronic Distribution Decentralized Heating Equipment Heating System Supplementary Components Central Cooling	Sub Total for Building 013E - Voc. ical Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis LC Type Description Door Hardware Metal Door (Steel) Painted ceilings LC Type Description Boiler - Copper Tube (4800 MBH) Pump - 5HP Pump - 25HP (Ea.) Pump - 25HP (Ea.) Unit Heater Gas (20 MBH) Controls - DDC (Bldg.SF) Cooling Tower - Metal (450 Tons)	ational / Art / Shop Building Sub Total for System	4 1 40 40 40 5 1 40 40 40 40 40 40 40 40 40 40 40 40 40	Room items items UoM Door Door SF items UoM Door Loor SF items UoM Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea.	\$35,207 \$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost \$8,908 \$17,363 \$11,373 \$37,644 Repair Cost \$1,044,195 \$13,700 \$57,525 \$71,907 \$8,582 \$14,730 \$111,139	Remaining Life 1 1 5 Remaining Life 4 5 10 Remaining Life 3 3 3 4 5 5
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior Uniformat Description Interior Swinging Doors Suspended Plaster and Mechanical Uniformat Description Heat Generation Facility Hydronic Distribution Facility Hydronic Distribution Facility Hydronic Distribution Decentralized Heating Equipment Heating System Supplementary Components Central Cooling Decentralized Cooling	Sub Total for Building 013E - Voc. ical Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis LC Type Description Door Hardware Metal Door (Steel) Painted ceilings LC Type Description Boiler - Copper Tube (4800 MBH) Pump - 5HP Pump - 25HP (Ea.) Pump- 25HP (Ea.) Unit Heater Gas (20 MBH) Controls - DDC (Bldg.SF) Cooling Tower - Metal (450 Tons) Fan Coil - D/X Only (1.5 Ton)	ational / Art / Shop Building Sub Total for System	4 1 40 40 40 5 1 40 40 40 40 40 40 40 40 40 40 40 40 40	Room items items UoM Door Door SF items UoM Door Ea.	\$35,207 \$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost \$8,908 \$17,363 \$11,373 \$37,644 Repair Cost \$1,044,195 \$13,700 \$57,525 \$71,907 \$8,582 \$14,730 \$111,139 \$1,486	Remaining Life 1 1 5 Remaining Life 4 5 10 Remaining Life 3 3 3 4 5 5 5 5
Uniformat Description Casework Building: 013F - Mechan Exterior Uniformat Description Exterior Entrance Doors Exterior Utility Doors Exterior Wall Veneer Interior Uniformat Description Interior Swinging Doors Suspended Plaster and Mechanical Uniformat Description Heat Generation Facility Hydronic Distribution Facility Hydronic Distribution Facility Hydronic Distribution Decentralized Heating Equipment Heating System Supplementary Components Central Cooling	Sub Total for Building 013E - Voc. ical Building LC Type Description Steel - Insulated and Painted Overhead Door Metal Panel - Bldg SF basis LC Type Description Door Hardware Metal Door (Steel) Painted ceilings LC Type Description Boiler - Copper Tube (4800 MBH) Pump - 5HP Pump - 25HP (Ea.) Pump - 25HP (Ea.) Unit Heater Gas (20 MBH) Controls - DDC (Bldg.SF) Cooling Tower - Metal (450 Tons)	ational / Art / Shop Building Sub Total for System	4 1 40 40 40 5 1 40 40 40 40 40 40 40 40 40 40 40 40 40	Room items items UoM Door Door SF items UoM Door Loor SF items UoM Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea.	\$35,207 \$35,207 \$35,207 \$2,407,387 Repair Cost \$18,535 \$8,307 \$3,901 \$30,743 Repair Cost \$8,908 \$17,363 \$11,373 \$37,644 Repair Cost \$1,044,195 \$13,700 \$57,525 \$71,907 \$8,582 \$14,730 \$111,139	Remaining Life 1 1 5 Remaining Life 4 5 10 Remaining Life 3 3 3 4 5 5

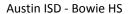


\$8,671

\$1,735,419

1 items

27 items





Electrical

Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Audio-Video Systems	PA Communications No Head Unit (Bldg SF)		5,461	SF	\$3,866	4
Lighting Fixtures	Building Mounted Fixtures (Ea.)		4	Ea.	\$3,607	4
Electrical Service	Switchgear - Main Dist Panel (4000 Amps)		1	Ea.	\$84,797	5
Electrical Service	Switchgear - Main Dist Panel (2000 Amps)		1	Ea.	\$65,478	5
Power Distribution	Distribution Panel (1600 Amps)		1	Ea.	\$25,176	5
		Sub Total for System	5	items	\$182,923	
Plumbing						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Plumbing Fixtures	Restroom Lavatory		1	Ea.	\$2,716	4
Plumbing Fixtures	Sink - Service / Mop Sink		1	Ea.	\$796	4
Plumbing Fixtures	Showers		1	Ea.	\$1,306	4
Facility Potable-Water Storage Tanks	Water Storage Tank - 5,000 Gallon		1	Ea.	\$8,165	5
Domestic Water Equipment	Backflow Preventers - 3/4 in. (Ea.)		1	Ea.	\$879	5
Domestic Water Equipment	Backflow Preventers - 2 in. (Ea.)		1	Ea.	\$2,092	5
		Sub Total for System	6	items	\$15,954	
Fire and Life Safety						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Fire Detection and Alarm	Fire Alarm		5,461	SF	\$8,671	3
Note	: F20 Fire alarm panel in main building					

Building: 013G - Stand-Alone Cafeteria, Gym, Theater

Exterior

Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Exterior Wall Veneer	Stucco - Bldg SF basis		1,093	SF	\$5,683	1
Exterior Operating Windows	Aluminum - Windows per SF		65	SF	\$6,482	1
Exterior Operating Windows	Steel - Windows per SF		5,000	SF	\$722,709	1
Exterior Operating Windows	Steel - Windows per SF		108	SF	\$15,611	1
Exterior Operating Windows	Steel - Windows per SF		960	SF	\$138,760	1
Exterior Operating Windows	Steel - Windows per SF		720	SF	\$104,070	1
Exterior Operating Windows	Steel - Windows per SF		320	SF	\$46,253	1
Exterior Entrance Doors	Steel - Insulated and Painted		64	Door	\$237,248	1
Exterior Utility Doors	Overhead Door		2	Door	\$16,615	1
Exterior Wall Veneer	Metal Panel - Bldg SF basis		65,560	SF	\$234,186	5
		Sub Total for System	10	items	\$1,527,617	

Sub Total for Building 013F - Mechanical Building

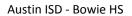
Sub Total for System

Interior

interior				
Uniformat Description	LC Type Description	Qty UoM	Repair Cost	Remaining Life
Wall Painting and Coating	Painting/Staining (Bldg SF)	21,853 SF	\$97,922	2
Note:	Approximately 9,611 sq.ft. of building has been demolished in order to accommo	date new construction.		
Compartments and Cubicles	Toilet Partitions	22 Stall	\$44,363	2
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	40,428 SF	\$136,515	3
Note:	Approximately 9,611 sq.ft. of building has been demolished in order to accommo	date new construction.		
Suspended Plaster and	Painted ceilings	14,205 SF	\$29,583	3
Note:	Approximately 9,611 sq.ft. of building has been demolished in order to accommo	date new construction.		
Wall Coverings	Vinyl/Fabric Wall Covering	16,390 SF	\$77,230	4
Note:	Approximately 9,611 sq.ft. of building has been demolished in order to accommo	date new construction.		
Interior Door Supplementary Components	Door Hardware	176 Door	\$261,291	4
Acoustical Suspended Ceilings	Ceilings - Acoustical Grid System	40,428 SF	\$168,352	5
Note:	Approximately 9,611 sq.ft. of building has been demolished in order to accommo	date new construction.		
Tile Flooring	Quarry Tile	6,556 SF	\$179,220	5
Resilient Flooring	Vinyl Composition Tile Flooring	42,614 SF	\$348,485	5
Note:	Approximately 9,611 sq.ft. of building has been demolished in order to accommo	date new construction.		
Interior Swinging Doors	Wooden Door	9 Door	\$16,880	5
Interior Swinging Doors	Metal Door (Steel)	68 Door	\$196,780	5
Interior Swinging Doors	Metal Door (Steel)	47 Door	\$136,009	5
Interior Swinging Doors	Wooden Door	52 Door	\$97,531	5
Carpeting	Carpet	15,297 SF	\$193,663	8
Wall Painting and Coating	Painting/Staining (Bldg SF)	21,853 SF	\$97,922	9

Note: Approximately 9,611 sq.ft. of building has been demolished in order to accommodate new construction.







Interior

Uniformat Description		LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Wood Flooring		Wood Flooring - All Types		27,317	SF	\$588,406	10
	Note:	Approximately 9,611 sq.ft. of building has been demo	lished in order to accommoda	ite new con	struction.		
			Sub Total for System	16	items	\$2,670,151	
Mechanical							
Uniformat Description		LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Decentralized Cooling		Fan Coil - Water Cool/Water Heat (1/2 Ton)		3	Ea.	\$3,528	4
Facility Hydronic Distribution		4-Pipe System		109,266	SF	\$264,388	5
HVAC Air Distribution		AHU 5,000 CFM Interior		10	Ea.	\$431,633	5
HVAC Air Distribution		Ductwork (Bldg.SF)		109,266	SF	\$864,561	5
Exhaust Air		Wall Exhaust Fan		8	Ea.	\$37,851	5
Exhaust Air		Interior Ceiling Exhaust Fan		7	Ea.	\$3,407	5
Exhaust Air		Kitchen Exhaust Hoods		2	Ea.	\$22,383	5
Heating System Supplementary Components		Controls - Pneumatic (Bldg.SF)		109,266	SF	\$373,557	10
			Sub Total for System	8	items	\$2,001,308	
Electrical							
Uniformat Description		LC Type Description			UoM	Repair Cost	Remaining Life
Audio-Video Systems		PA Communications No Head Unit (Bldg SF)		109,266	SF	\$77,347	4
Lighting Fixtures		Building Mounted Fixtures (Ea.)		3	Ea.	\$2,705	4
Lighting Fixtures		Canopy Mounted Fixtures (Ea.)		6	Ea.	\$12,498	5
Power Distribution		Power Wiring		109,266	SF	\$129,774	10
			Sub Total for System	4	items	\$222,324	
Plumbing							
Uniformat Description		LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Domestic Water Equipment		Water Heater - Gas - 50 gallon		4	Ea.	\$13,963	3
Plumbing Fixtures		Restroom Lavatory		42	Ea.	\$114,084	4
Plumbing Fixtures		Sink - Service / Mop Sink		2	Ea.	\$1,592	4
Plumbing Fixtures		Showers		20	Ea.	\$26,129	4
Plumbing Fixtures		Toilets		30	Ea.	\$151,782	4
Plumbing Fixtures		Urinals		8	Ea.	\$10,834	4
Plumbing Fixtures		Refrigerated Drinking Fountain		12	Ea.	\$26,429	4
Domestic Water Equipment		Backflow Preventers - 3/4 in. (Ea.)		1	Ea.	\$879	6
Domestic Water Equipment		Backflow Preventers - 2 in. (Ea.)		1	Ea.	\$2,092	6
Domestic Water Equipment		Gas Piping System (BldgSF)		109,266	SF	\$3,788,828	10
Domestic Water Piping		Domestic Water Piping System (Bldg.SF)		109,266		\$392,672	10
Sanitary Sewerage Piping		Sanitary Sewer Piping		109,266		\$121,310	10
ygpg		comment, content pring	Sub Total for System		items	\$4,650,593	
Fire and Life Safety			ŕ				
Uniformat Description		LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Fire Detection and Alarm		Fire Alarm		109,266	SF	\$173,495	3
	Note:	System controlled from main building					
			Sub Total for System	1	items	\$173,495	
Specialties							
Uniformat Description		LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Casework		Lockers, Gym		776	Ea.	\$376,744	4
Casework		Lockers		1,241	Ea.	\$661,138	5
Fixed Multiple Seating		Bleachers		10	Seat	\$4,131	5
		Auditorium Seating		380	Ea.	\$170,472	5
Fixed Multiple Seating						44.040.404	
Fixed Multiple Seating			Sub Total for System	4	items	\$1,212,484	
Fixed Multiple Seating		Sub Total for Building 013G - Stand-Alone	•		items	\$1,212,484 \$12,457,971	



Supporting Photos

General Site Photos



Exposed base of unit



Corrosion on water heater



Unsafe wire pathways



Unsafe uncovered wires



Electric panels approaching end of useful life



Cracked asphalt

M•A•P•P•S ©, Jacobs 2022 23

Facility Condition Assessment

Austin ISD - Bowie HS





Evidence of water staining on concrete



Worn wooden table

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