

FACILITY CONDITION ASSESSMENT

Garcia YMLA | February 2022





Executive Summary

Garcia YMLA is located at 7414 Johnny Morris Road in Austin, Texas. The oldest building is 13 years old (at time of 2020 assessment). It comprises 161,147 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 \$5,347,604. 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 Garcia YMLA the ten-year need is \$15,153,067.

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 Garcia YMLA facility has a 5-year FCA score of 71.15%.

Summary of Findings

The table below summarizes the condition findings at Garcia YMLA

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	\$12,910	\$2,278,317	\$0	\$2,291,227	\$2,291,227	\$0	
Permanent	Building(s)				-			
064A	Main building includes Administration Offices, Classrooms, Cafeteria, & Gym.	\$5,334,694	\$5,942,506	\$1,584,640	\$11,277,200	\$12,861,840	\$47,038,810	76.03%
	Sub Total for Permanent Building(s):	\$5,334,694	\$5,942,506	\$1,584,640	\$11,277,200	\$12,861,840	\$47,038,808	
	Total for Site:	\$5,347,604	\$8,220,823	\$1,584,640	\$13,568,427	\$15,153,067	\$47,038,808	71.15%



Approach and Methodology

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

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

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

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

Facility Deficiency Priority Levels

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

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

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

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

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

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



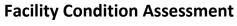
The following table summarizes this site's current deficiencies by building system and priority.

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

			Priority				
System	1	2	3	4	5	Total	% of Total
Site	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Roofing	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Structural	\$19,364	\$0	\$0	\$0	\$0	\$19,364	0.36 %
Exterior	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Interior	\$0	\$0	\$1,628,662	\$1,625,374	\$938,713	\$4,192,748	78.40 %
Mechanical	\$0	\$300,439	\$37,502	\$0	\$4,957	\$342,899	6.41 %
Electrical	\$0	\$0	\$0	\$284	\$0	\$284	0.01 %
Plumbing	\$0	\$4,760	\$0	\$0	\$0	\$4,760	0.09 %
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	\$0	\$0	\$0	0.00 %
Crawlspace	\$0	\$0	\$0	\$0	\$787,548	\$787,548	14.73 %
Total:	\$19,364	\$305,199	\$1,666,164	\$1,625,658	\$1,731,219	\$5,347,604	

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

Interior	-	\$4,192,748
Mechanical	-	\$342,899
Structural	-	\$19,364





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

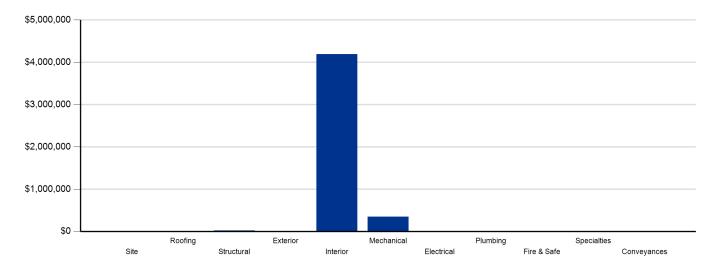


Figure 1: System Deficiencies



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.

		Life Cyc	e Capital Renewal Pro	ojections		
System	Year 1 2023	Year 2 2024	Year 3 2025	Year 4 2026	Year 5 2027	Total 1-5
Site	\$0	\$0	\$0	\$363,038	\$1,538,675	\$1,901,713
Roofing	\$0	\$0	\$0	\$0	\$236,932	\$236,932
Exterior	\$0	\$0	\$0	\$0	\$820,582	\$820,582
Interior	\$0	\$72,593	\$0	\$40,804	\$807,465	\$920,862
Mechanical	\$0	\$0	\$565,135	\$309,929	\$1,343,971	\$2,219,035
Electrical	\$0	\$7,307	\$0	\$139,672	\$114,072	\$261,051
Plumbing	\$0	\$0	\$13,075	\$0	\$492,245	\$505,320
Fire and Life Safety	\$0	\$0	\$0	\$370,915	\$0	\$370,915
Conveyances	\$0	\$0	\$0	\$0	\$7,985	\$7,985
Specialties	\$0	\$563,320	\$0	\$0	\$413,108	\$976,428
Crawlspace	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$643,220	\$578,210	\$1,224,358	\$5,775,035	\$8,220,823

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



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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	\$1,901,713	\$0	\$0	\$0	\$0	\$0	\$0	\$1,901,713
Roofing	\$236,932	\$0	\$0	\$0	\$0	\$0	\$0	\$236,932
Exterior	\$820,582	\$0	\$0	\$0	\$0	\$23,814	\$23,814	\$844,396
Interior	\$920,862	\$0	\$505,462	\$0	\$0	\$949,375	\$1,454,837	\$2,375,699
Mechanical	\$2,219,035	\$0	\$0	\$0	\$0	\$390,077	\$390,077	\$2,609,112
Electrical	\$261,051	\$0	\$0	\$0	\$0	\$12,478	\$12,478	\$273,529
Plumbing	\$505,320	\$0	\$215,418	\$0	\$0	\$4,760	\$220,178	\$725,498
Fire and Life Safety	\$370,915	\$0	\$0	\$0	\$331,419	\$0	\$331,419	\$702,334
Conveyances	\$7,985	\$0	\$0	\$0	\$0	\$0	\$0	\$7,985
Specialties	\$976,428	\$0	\$0	\$0	\$0	\$0	\$0	\$976,428
Crawlspace	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$8,220,823	\$0	\$720,880	\$0	\$331,419	\$1,380,504	\$2,432,803	\$10,653,626

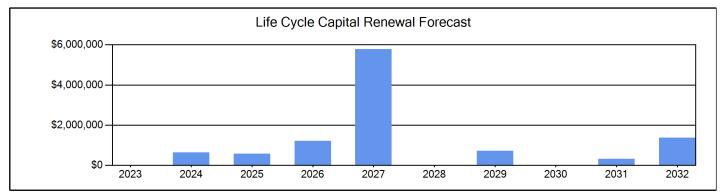


Figure 2: Ten Year Capital Renewal Forecast



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.

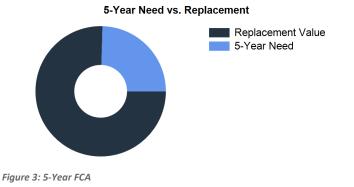
FCAS = 100 - (Total Repair Cost/ Replacement Cost)

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 \$47,038,808. For planning purposes, the total 5-year need at the Garcia YMLA is \$13,568,427 (Life Cycle Years 1-5 plus the FCA deficiency cost). The Garcia YMLA facility has a 5-year FCA of 71.15%.





Garcia YMLA - Deficiency Summary

Site Level Deficiencies

Structural

Deficiency		Category	Qty UoM	Priority	Repair Cost	ID
Structural Study Rec	commended	Deferred Maintenance	2 Job	1	\$12,910	6885
Note:	Structural study to detail scope of work based on the 2017 crawlspace	e deficiencies provided by AIS	SD			
		Sub Total for System	1 items		\$12,910	
	Sub Total for	School and Site Level	1 items		\$12,910	
Building: 0	64A - Main building includes Administr	ation Offices, Cl	assroor	ns, Ca	afeteria, 8	<u>k</u>

Gym.

Structural

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Deficiency	Category	Qty UoM	Priority	Repair Cost	ID
Structural Study Recommended	Deferred Maintenance	1 Job	1	\$6,455	4789
	Sub Total for System	1 item	5	\$6,455	
Interior					
Deficiency	Category	Qty UoM	Priority	Repair Cost	ID
Interior Brick/Stone Replacement (Bldg SF)	Capital Renewal	32,229 SF	3	\$1,085,763	4777
Note: Severe cracking					
Interior Brick/Stone Replacement (Bldg SF)	Capital Renewal	16,115 SF	3	\$542,898	4779
Note: Severe cracking					
Terrazzo Flooring Replacement	Capital Renewal	32,229 SF	4	\$1,098,246	4781
Vinyl Composition Tile Replacement	Capital Renewal	64,459 SF	4	\$527,127	4782
Note: Cracking					
Interior Wall Repainting (Bldg SF)	Capital Renewal	96,688 SF	5	\$433,252	4778
Note: Cracking and water damage					
Interior Wall Repainting (Bldg SF)	Capital Renewal	112,803 SF	5	\$505,462	4780
Note: Cracking and water damage					
	Sub Total for System	6 item	5	\$4,192,748	
Mechanical					
Deficiency	Category	Qty UoM	Priority	Repair Cost	ID
Boiler Replacement	Capital Renewal	3 Ea.	2	\$300,439	4785
Note: Beyond Useful Life	·				
Circulation Pump Replacement	Capital Renewal	2 Ea.	3	\$23,121	4786
Note: They have a temporary pump because of a broken pump					
Circulation Pump Replacement	Capital Renewal	1 Ea.	3	\$14,381	4787
Remove Abandoned Equipment	Deferred	4 Ea.	5	\$4,957	4788
	Maintenance				
Note: Domestic water heater					
Location: Mechanical Room					
	Sub Total for System	4 item	5	\$342,899	
Electrical					
Deficiency	Category	Qty UoM	Priority	Repair Cost	ID
1 X 4 Interior Fluorescent Light Fixture Replacement	Capital Renewal	1 Ea.	4	\$284	4783
Note: Broken					
Location: Girls Locker Room					
	Sub Total for System	1 item	5	\$284	
Plumbing					
Deficiency	Category	Qty UoM	Priority	Repair Cost	ID
Water Heater Replacement	Capital Renewal	3 Ea.	2	\$4,760	4784
	Sub Total for System	1 item		\$4,760	



Austin ISD - Garcia YMLA

Crawlspace

Deficiency		Category	Qty L	JoM	Priority	Repair Cost	ID
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	12,527 E	∃a.	5	\$14,717	6886
Note:	SOIL/DRAINAGE BELOW BUILDING - clean area drains - 1 LS	;					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	112,036 E	Ea.	5	\$131,626	6887
Note:	PERIMETER SOIL RETAINERS - replace soil containers where	e failed or missing - 2683 LF					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	83,515 E	Ea.	5	\$98,118	6888
Note:	CRAWL SPACE ACCESS/VENTILATION - add four access poi	nts - 4 EA					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	26,725 E	Ea.	5	\$31,398	6889
Note:	CRAWL SPACE ACCESS/VENTILATION - repair areaways - 12	2 EA					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	132,716 E	Ea.	5	\$155,922	6890
Note:	STANDARD FOUNDATIONS - remove excess concrete at pier	top - 95347 GSF					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	69,596 E	Ea.	5	\$81,765	6891
Note:	SPECIAL FOUNDATIONS - investigate & repair - 1 LS						
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	132,716 E	Ea.	5	\$155,922	6892
Note:	SUSPENDED FLOOR BEAMS - repair honeycombing & cracks	- 95347 GSF					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	20,879 E	Ea.	5	\$24,530	6893
Note:	CRAWL SPACE, EXPOSED PIPES - Repair pipe hangers and	fix leaks - 1 LS					
CRAWL SPACE DE	FICIENCIES - Estimate and Info by AISD	Deferred Maintenance	79,629 E	Ea.	5	\$93,552	6894
Note:	CRAWL SPACE, SPRAY FIREPROOFING - minor repair, 10%	- 95347 GSF					
		Sub Total for System	9 it	tems		\$787,548	
Sub Total for Build	ing 064A - Main building includes Administration Offices, Cla	ssrooms, Cafeteria, & Gym.	22 it	tems		\$5,334,694	
		Total for Campus	23 it	tems		\$5,347,604	



Garcia YMLA - 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)		1,445	LF	\$68,200	4
Fences and Gates	Competition Style Track		1	Ea.	\$294,838	4
Parking Lot Pavement	Asphalt		350	CAR	\$507,781	5
Roadway Pavement	Asphalt Driveways		160,315	SF	\$1,030,894	5
		Sub Total for System	4	items	\$1,901,713	
Roofing						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Canopy Roofing	Steel panels		4,670	SF	\$236,932	5
		Sub Total for System	1	items	\$236,932	
Electrical						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Parking Lot Lighting	Pole Lighting		24	Ea.	\$139,672	4
		Sub Total for System	1	items	\$139,672	
		Sub Total for Building -	6	items	\$2,278,317	

Building: 064A - Main building includes Administration Offices, Classrooms, Cafeteria, & Gym.

Exterior

Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Aluminum - Windows per SF		3,267	SF	\$325,808	5
Exterior Operating Windows	Aluminum - Windows per SF		4,032	SF	\$402,099	5
Exterior Entrance Doors	Steel - Insulated and Painted		25	Door	\$92,675	5
Exterior Entrance Doors	Storefront Doors - Glass/Aluminum		6	Door	\$23,814	10
		Sub Total for System	4	items	\$844,396	
Interior						
Uniformat Description	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
Compartments and Cubicles	Toilet Partitions		36	Stall	\$72,593	2
Carpeting	Carpet		3,223	SF	\$40,804	4
Suspended Plaster and	Painted ceilings		32,229	SF	\$67,120	5
Wood Flooring	Wood Flooring - All Types		1,611	SF	\$34,701	5
Interior Swinging Doors	Wooden Door		210	Door	\$393,876	5
Interior Door Supplementary Components	Door Hardware		210	Door	\$311,768	5
Wall Painting and Coating	Painting/Staining (Bldg SF)		112,803	SF	\$505,462	7
Acoustical Suspended Ceilings	Ceilings - Acoustical Grid System		96,688	SF	\$402,632	10
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles		96,688	SF	\$326,491	10
Tile Flooring	Quarry Tile		8,057	SF	\$220,252	10
		Sub Total for System	10	items	\$2,375,699	
Mechanical		Sub Total for System	10	items	\$2,375,699	
Mechanical Uniformat Description	LC Type Description	Sub Total for System		items UoM		Remaining Life
	LC Type Description Chiller - Outdoor Air Cooled (300 Tons)	Sub Total for System	Qty			Remaining Life
Uniformat Description		Sub Total for System	Qty 2	UoM	Repair Cost	
Uniformat Description Central Cooling	Chiller - Outdoor Air Cooled (300 Tons)	Sub Total for System	Qty 2 2	UoM Ea.	Repair Cost \$551,435	3
Uniformat Description Central Cooling Facility Hydronic Distribution	Chiller - Outdoor Air Cooled (300 Tons) Pump - 5HP	Sub Total for System	Qty 2 2 1	UoM Ea. Ea.	Repair Cost \$551,435 \$13,700	3 3
Uniformat Description Central Cooling Facility Hydronic Distribution Decentralized Heating Equipment	Chiller - Outdoor Air Cooled (300 Tons) Pump - 5HP Unit Heater Electric (3 KW)	Sub Total for System	Qty 2 2 1 17	UoM Ea. Ea. Ea.	Repair Cost \$551,435 \$13,700 \$938	3 3 4
Uniformat Description Central Cooling Facility Hydronic Distribution Decentralized Heating Equipment Decentralized Cooling	Chiller - Outdoor Air Cooled (300 Tons) Pump - 5HP Unit Heater Electric (3 KW) Condenser - Outside Air Cooled (3 Tons)	Sub Total for System	Qty 2 2 1 17 3	UoM Ea. Ea. Ea. Ea.	Repair Cost \$551,435 \$13,700 \$938 \$109,183	3 3 4 4
Uniformat Description Central Cooling Facility Hydronic Distribution Decentralized Heating Equipment Decentralized Cooling Decentralized Cooling	Chiller - Outdoor Air Cooled (300 Tons) Pump - 5HP Unit Heater Electric (3 KW) Condenser - Outside Air Cooled (3 Tons) Fan Coil - Water Cool/Water Heat (3 Ton)	Sub Total for System	Qty 2 1 17 3 1	UoM Ea. Ea. Ea. Ea. Ea.	Repair Cost \$551,435 \$13,700 \$938 \$109,183 \$10,170	3 3 4 4 4
Uniformat Description Central Cooling Facility Hydronic Distribution Decentralized Heating Equipment Decentralized Cooling Decentralized Cooling HVAC Air Distribution	Chiller - Outdoor Air Cooled (300 Tons) Pump - 5HP Unit Heater Electric (3 KW) Condenser - Outside Air Cooled (3 Tons) Fan Coil - Water Cool/Water Heat (3 Ton) Roof Top Unit - DX Gas (25 Ton)	Sub Total for System	Qty 2 1 17 3 1 2	UoM Ea. Ea. Ea. Ea. Ea. Ea.	Repair Cost \$551,435 \$13,700 \$938 \$109,183 \$10,170 \$64,260	3 3 4 4 4 4 4
Uniformat Description Central Cooling Facility Hydronic Distribution Decentralized Heating Equipment Decentralized Cooling Decentralized Cooling HVAC Air Distribution HVAC Air Distribution	Chiller - Outdoor Air Cooled (300 Tons) Pump - 5HP Unit Heater Electric (3 KW) Condenser - Outside Air Cooled (3 Tons) Fan Coil - Water Cool/Water Heat (3 Ton) Roof Top Unit - DX Gas (25 Ton) Roof Top Unit - DX Gas (20 Ton)	Sub Total for System	Qty 2 1 17 3 1 2 1	UoM Ea. Ea. Ea. Ea. Ea. Ea. Ea.	Repair Cost \$551,435 \$13,700 \$938 \$109,183 \$10,170 \$64,260 \$93,655	3 3 4 4 4 4 4 4 4
Uniformat Description Central Cooling Facility Hydronic Distribution Decentralized Heating Equipment Decentralized Cooling HVAC Air Distribution HVAC Air Distribution HVAC Air Distribution	Chiller - Outdoor Air Cooled (300 Tons) Pump - 5HP Unit Heater Electric (3 KW) Condenser - Outside Air Cooled (3 Tons) Fan Coil - Water Cool/Water Heat (3 Ton) Roof Top Unit - DX Gas (25 Ton) Roof Top Unit - DX Gas (20 Ton) Roof Top Unit - DX Gas (15 Ton)	Sub Total for System	Qty 2 1 17 3 1 2 1 1	UoM Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea.	Repair Cost \$551,435 \$13,700 \$938 \$109,183 \$10,170 \$64,260 \$93,655 \$31,723	3 3 4 4 4 4 4 4 4 4
Uniformat Description Central Cooling Facility Hydronic Distribution Decentralized Heating Equipment Decentralized Cooling HVAC Air Distribution HVAC Air Distribution HVAC Air Distribution HVAC Air Distribution	Chiller - Outdoor Air Cooled (300 Tons) Pump - 5HP Unit Heater Electric (3 KW) Condenser - Outside Air Cooled (3 Tons) Fan Coil - Water Cool/Water Heat (3 Ton) Roof Top Unit - DX Gas (25 Ton) Roof Top Unit - DX Gas (20 Ton) Roof Top Unit - DX Gas (15 Ton) AHU 30,000 CFM Interior	Sub Total for System	Qty 2 2 1 17 3 1 2 1 1 1 1	UoM Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea.	Repair Cost \$551,435 \$13,700 \$938 \$109,183 \$10,170 \$64,260 \$93,655 \$31,723 \$172,795	3 4 4 4 4 4 4 4 5
Uniformat Description Central Cooling Facility Hydronic Distribution Decentralized Heating Equipment Decentralized Cooling HVAC Air Distribution HVAC Air Distribution HVAC Air Distribution HVAC Air Distribution HVAC Air Distribution Decentralized Cooling	Chiller - Outdoor Air Cooled (300 Tons) Pump - 5HP Unit Heater Electric (3 KW) Condenser - Outside Air Cooled (3 Tons) Fan Coil - Water Cool/Water Heat (3 Ton) Roof Top Unit - DX Gas (25 Ton) Roof Top Unit - DX Gas (20 Ton) Roof Top Unit - DX Gas (15 Ton) AHU 30,000 CFM Interior AHU 50,000 CFM Interior	Sub Total for System	Qty 2 2 1 17 3 1 2 1 1 1 1 1	UoM Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea.	Repair Cost \$551,435 \$13,700 \$938 \$109,183 \$10,170 \$64,260 \$93,655 \$31,723 \$172,795 \$177,589	3 4 4 4 4 4 4 4 5 5 5
Uniformat Description Central Cooling Facility Hydronic Distribution Decentralized Heating Equipment Decentralized Cooling HVAC Air Distribution HVAC Air Distribution HVAC Air Distribution HVAC Air Distribution HVAC Air Distribution Decentralized Cooling Decentralized Cooling	Chiller - Outdoor Air Cooled (300 Tons) Pump - 5HP Unit Heater Electric (3 KW) Condenser - Outside Air Cooled (3 Tons) Fan Coil - Water Cool/Water Heat (3 Ton) Roof Top Unit - DX Gas (25 Ton) Roof Top Unit - DX Gas (20 Ton) Roof Top Unit - DX Gas (15 Ton) AHU 30,000 CFM Interior AHU 50,000 CFM Interior AHU 50,000 CFM Interior	Sub Total for System	Qty 2 1 17 3 1 2 1 1 1 1 1 3	UoM Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea.	Repair Cost \$551,435 \$13,700 \$938 \$109,183 \$10,170 \$64,260 \$93,655 \$31,723 \$172,795 \$177,589 \$177,589	3 4 4 4 4 4 4 4 5 5 5 5 5
Uniformat Description Central Cooling Facility Hydronic Distribution Decentralized Heating Equipment Decentralized Cooling Decentralized Cooling HVAC Air Distribution HVAC Air Distribution HVAC Air Distribution HVAC Air Distribution Decentralized Cooling Decentralized Cooling HVAC Air Distribution	Chiller - Outdoor Air Cooled (300 Tons) Pump - 5HP Unit Heater Electric (3 KW) Condenser - Outside Air Cooled (3 Tons) Fan Coil - Water Cool/Water Heat (3 Ton) Roof Top Unit - DX Gas (25 Ton) Roof Top Unit - DX Gas (20 Ton) Roof Top Unit - DX Gas (15 Ton) AHU 30,000 CFM Interior AHU 50,000 CFM Interior AHU 50,000 CFM Interior	Sub Total for System	Qty 2 1 17 3 1 2 1 1 1 1 3 3 3	UoM Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea.	Repair Cost \$551,435 \$13,700 \$938 \$109,183 \$10,170 \$64,260 \$93,655 \$31,723 \$172,795 \$177,589 \$177,589 \$129,490	3 4 4 4 4 4 4 5 5 5 5 5 5
Uniformat Description Central Cooling Facility Hydronic Distribution Decentralized Heating Equipment Decentralized Cooling HVAC Air Distribution HVAC Air Distribution HVAC Air Distribution HVAC Air Distribution Decentralized Cooling Decentralized Cooling HVAC Air Distribution HVAC Air Distribution	Chiller - Outdoor Air Cooled (300 Tons) Pump - 5HP Unit Heater Electric (3 KW) Condenser - Outside Air Cooled (3 Tons) Fan Coil - Water Cool/Water Heat (3 Ton) Roof Top Unit - DX Gas (25 Ton) Roof Top Unit - DX Gas (20 Ton) Roof Top Unit - DX Gas (15 Ton) AHU 30,000 CFM Interior AHU 50,000 CFM Interior AHU 50,000 CFM Interior AHU 5,000 CFM Interior AHU 15,000 CFM Interior	Sub Total for System	Qty 2 1 17 3 1 1 2 1 1 1 1 3 3 3 3 3	UoM Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea. Ea.	Repair Cost \$551,435 \$13,700 \$938 \$109,183 \$10,170 \$64,260 \$93,655 \$31,723 \$177,589 \$177,589 \$129,490 \$341,569	3 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5



Austin ISD - Garcia YMLA

Mechanical

Uniformat Description						
onnonnat Debonption	LC Type Description		Qty	UoM	Repair Cost	Remaining Life
HVAC Air Distribution	AHU 10,000 CFM Interior		1	Ea.	\$85,959	5
Heat Generation	Boiler - Steel Tube (2400 MBH)		3	Ea.	\$300,439	10
Facility Hydronic Distribution	Pump- 10HP (Ea.)		2	Ea.	\$23,121	10
Facility Hydronic Distribution	Pump- 25HP (Ea.)		1	Ea.	\$14,381	10
Exhaust Air	Roof Exhaust Fan - Small		2	Ea.	\$3,919	10
Exhaust Air	Roof Exhaust Fan - Large		6	Ea.	\$48,217	10
	-	Sub Total for System	21	items	\$2,609,116	
Electrical						
Uniformat Description	LC Type Description		Qtv	UoM	Repair Cost	Remaining Life
Distributed Systems	Public Address System Head End Unit			Ea.	\$7,307	2
Audio-Video Systems	PA Communications No Head Unit (Bldg SF)		161,147		\$114,072	5
Electrical Service	Transformer (30 KVA)			Ea.	\$5,519	10
Power Distribution	Panelboard - 120/208 125A			Ea.	\$1,459	10
Power Distribution	Panelboard - 120/208 225A			Ea.	\$5,500	10
	1 a. 10.00 a. 120.200 220. 1	Sub Total for System		items	\$133,856	10
Plumbing			-		•••••••	
-			01	11-14	Den sin Os st	Demoisie e Life
Uniformat Description	LC Type Description Water Heater - Instant 9.4 GPM			UoM Ea.		Remaining Life
Domestic Water Equipment				Ea.	\$13,075	3 5
Plumbing Fixtures	Restroom Lavatory			Ea.	\$108,652	5 5
Plumbing Fixtures	Sink - Service / Mop Sink			Ea.	\$4,775 \$27,997	5
Plumbing Fixtures	Showers				\$37,887	
Plumbing Fixtures	Toilets			Ea.	\$278,266	5
Plumbing Fixtures	Urinals			Ea.	\$23,022	5
Plumbing Fixtures	Refrigerated Drinking Fountain			Ea.	\$39,643	5
Plumbing Fixtures	Classroom Lavatory			Ea.	\$215,418	7
Domestic Water Equipment	Water Heater - Electric - 20 gallon			Ea.	\$4,760	10
		Sub Total for System	9	items	\$725,497	
Fire and Life Safety						
Uniformat Description	LC Type Description			UoM		Remaining Life
-	LC Type Description Security Alarm System		Qty 161,147		Repair Cost \$370,915	Remaining Life
Uniformat Description				SF		-
Uniformat Description Security System Component	Security Alarm System		161,147 161,147	SF	\$370,915	4
Uniformat Description Security System Component Fire Detection and Alarm	Security Alarm System Fire Alarm	Sub Total for System	161,147 161,147 11	SF SF	\$370,915 \$255,872	4 9
Uniformat Description Security System Component Fire Detection and Alarm	Security Alarm System Fire Alarm	Sub Total for System	161,147 161,147 11	SF SF Ea.	\$370,915 \$255,872 \$75,547	4 9
Uniformat Description Security System Component Fire Detection and Alarm Fire Detection and Alarm	Security Alarm System Fire Alarm	Sub Total for System	161,147 161,147 11 3	SF SF Ea.	\$370,915 \$255,872 \$75,547 \$702,334	4 9
Uniformat Description Security System Component Fire Detection and Alarm Fire Detection and Alarm Conveyances	Security Alarm System Fire Alarm Fire Alarm Panel	Sub Total for System	161,147 161,147 11 3 Qty	SF SF Ea. items	\$370,915 \$255,872 \$75,547 \$702,334	4 9 9
Uniformat Description Security System Component Fire Detection and Alarm Fire Detection and Alarm Conveyances Uniformat Description	Security Alarm System Fire Alarm Fire Alarm Panel LC Type Description	Sub Total for System Sub Total for System	161,147 161,147 11 3 Qty	SF SF Ea. items	\$370,915 \$255,872 \$75,547 \$702,334 Repair Cost	4 9 9 Remaining Life
Uniformat Description Security System Component Fire Detection and Alarm Fire Detection and Alarm Conveyances Uniformat Description Elevators	Security Alarm System Fire Alarm Fire Alarm Panel LC Type Description		161,147 161,147 11 3 Qty	SF SF Ea. items UoM Ea.	\$370,915 \$255,872 \$75,547 \$702,334 Repair Cost \$7,985	4 9 9 Remaining Life
Uniformat Description Security System Component Fire Detection and Alarm Fire Detection and Alarm Conveyances Uniformat Description	Security Alarm System Fire Alarm Fire Alarm Panel LC Type Description		161,147 161,147 11 3 Qty 1 1	SF SF Ea. items UoM Ea.	\$370,915 \$255,872 \$75,547 \$702,334 Repair Cost \$7,985 \$7,985	4 9 9 Remaining Life
Uniformat Description Security System Component Fire Detection and Alarm Fire Detection and Alarm Conveyances Uniformat Description Elevators Specialties	Security Alarm System Fire Alarm Fire Alarm Panel LC Type Description Passenger elevator cab finishes		161,147 161,147 11 3 Qty 1 1 2	SF SF Ea. items UoM Ea. items	\$370,915 \$255,872 \$75,547 \$702,334 Repair Cost \$7,985 \$7,985	4 9 9 Remaining Life 5
Uniformat Description Security System Component Fire Detection and Alarm Fire Detection and Alarm Conveyances Uniformat Description Elevators Specialties Uniformat Description	Security Alarm System Fire Alarm Fire Alarm Panel LC Type Description Passenger elevator cab finishes LC Type Description		161,147 161,147 11 3 Qty 1 1 2	SF SF Ea. items UoM Ea. items UoM Room	\$370,915 \$255,872 \$75,547 \$702,334 Repair Cost \$7,985 \$7,985 Repair Cost	4 9 9 Remaining Life Remaining Life
Uniformat Description Security System Component Fire Detection and Alarm Fire Detection and Alarm Conveyances Uniformat Description Elevators Specialties Uniformat Description Casework	Security Alarm System Fire Alarm Fire Alarm Panel LC Type Description Passenger elevator cab finishes LC Type Description Fixed Cabinetry	Sub Total for System	161,147 161,147 11 3 Qty 1 1 1 Qty 64 1,000	SF SF Ea. items UoM Ea. items UoM Room	\$370,915 \$255,872 \$75,547 \$702,334 Repair Cost \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,985 \$7,916 \$1,917\$1,9	4 9 9 Remaining Life 5 Remaining Life 2
Uniformat Description Security System Component Fire Detection and Alarm Fire Detection and Alarm Conveyances Uniformat Description Elevators Specialties Uniformat Description Casework Fixed Multiple Seating	Security Alarm System Fire Alarm Fire Alarm Panel LC Type Description Passenger elevator cab finishes LC Type Description Fixed Cabinetry	Sub Total for System	161,147 161,147 11 3 Qty 1 1 1 0 ty 64 1,000 2	SF SF Ea. items UoM Ea. items UoM Room Seat	\$370,915 \$255,872 \$75,547 \$702,334 Repair Cost \$7,985 \$7,985 \$7,985 \$7,985 \$7,985	4 9 9 Remaining Life 5 Remaining Life 2



Austin ISD - Garcia YMLA

Supporting Photos

General Site Photos



Broken light



Damaged floor and concrete masonry unit wall



Damaged vinyl composition tlle floor



Water heater beyond useful life



Water heater past expected life



Pumps beyond useful life



Austin ISD - Garcia YMLA



Unit heaters beyond useful life



doors are damaged and worn



Crack in pavement