



# FACILITY CONDITION ASSESSMENT

*Lively MS* | February 2022



## Executive Summary

Lively MS is located at 201 E Mary St in Austin, Texas. The oldest building is 109 years old (at time of 2020 assessment). It comprises 159,790 gross square feet.

The findings contained within this report are the result of an assessment of building systems and the conditions found on the site at the time of the visit. The assessment was performed by building professionals experienced in disciplines including architecture, mechanical, plumbing and electrical. The total current deficiencies for this site, in 2020 construction cost dollars, are estimated at \$8,464,806. 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 Lively MS the ten-year need is \$22,974,717.

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 Lively MS facility has a 5-year FCA score of 71.97%.

## Summary of Findings

The table below summarizes the condition findings at Lively MS

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
<b>Exterior Site</b>								
	Exterior Site	\$132,754	\$556,109	\$603,345	\$688,863	\$1,292,208	\$0	
<b>Permanent Building(s)</b>								
043A	Main building includes Administration Offices, Classrooms, & Theater.	\$3,776,080	\$3,200,041	\$3,748,262	\$6,976,121	\$10,724,383	\$23,892,020	70.80%
043B	Stand-Alone Cafeteria, Band , Choir	\$2,802,809	\$1,256,258	\$2,677,395	\$4,059,067	\$6,736,462	\$19,672,820	79.37%
043C	Vocational / Art / Shop Building	\$1,133,299	\$1,319,888	\$260,365	\$2,453,187	\$2,713,552	\$6,075,216	59.62%
043D	Stand-Alone Classroom Building	\$619,865	\$347,857	\$540,391	\$967,722	\$1,508,113	\$4,397,799	78.00%
<b>Sub Total for Permanent Building(s):</b>		<b>\$8,332,052</b>	<b>\$6,124,044</b>	<b>\$7,226,413</b>	<b>\$14,456,096</b>	<b>\$21,682,509</b>	<b>\$54,037,849</b>	
<b>Total for Site:</b>		<b>\$8,464,806</b>	<b>\$6,680,153</b>	<b>\$7,829,758</b>	<b>\$15,144,959</b>	<b>\$22,974,717</b>	<b>\$54,037,849</b>	<b>71.97%</b>

## 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)

System	Priority					Total	% of Total
	1	2	3	4	5		
Site	\$0	\$0	\$2,744	\$107,549	\$9,551	\$119,845	1.42 %
Roofing	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Structural	\$12,910	\$0	\$0	\$0	\$0	\$12,910	0.15 %
Exterior	\$0	\$184,956	\$2,615	\$0	\$3,098	\$190,669	2.25 %
Interior	\$0	\$0	\$330,365	\$1,217,451	\$272,503	\$1,820,319	21.52 %
Mechanical	\$0	\$144,530	\$50,173	\$15,723	\$1,239	\$211,665	2.50 %
Electrical	\$0	\$340,432	\$3,329,068	\$0	\$0	\$3,669,500	43.39 %
Plumbing	\$0	\$0	\$24,348	\$79,361	\$0	\$103,709	1.23 %
Fire and Life Safety	\$1,432,666	\$0	\$0	\$0	\$0	\$1,432,666	16.94 %
Conveyances	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Specialties	\$0	\$0	\$0	\$8,802	\$0	\$8,802	0.10 %
Crawlspace	\$0	\$0	\$0	\$0	\$887,415	\$887,415	10.49 %
<b>Total:</b>	\$1,445,576	\$669,917	\$3,739,314	\$1,428,885	\$1,173,807	\$8,457,499	

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

Electrical	-	\$3,669,500
Interior	-	\$1,820,319
Fire and Life Safety	-	\$1,432,666

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

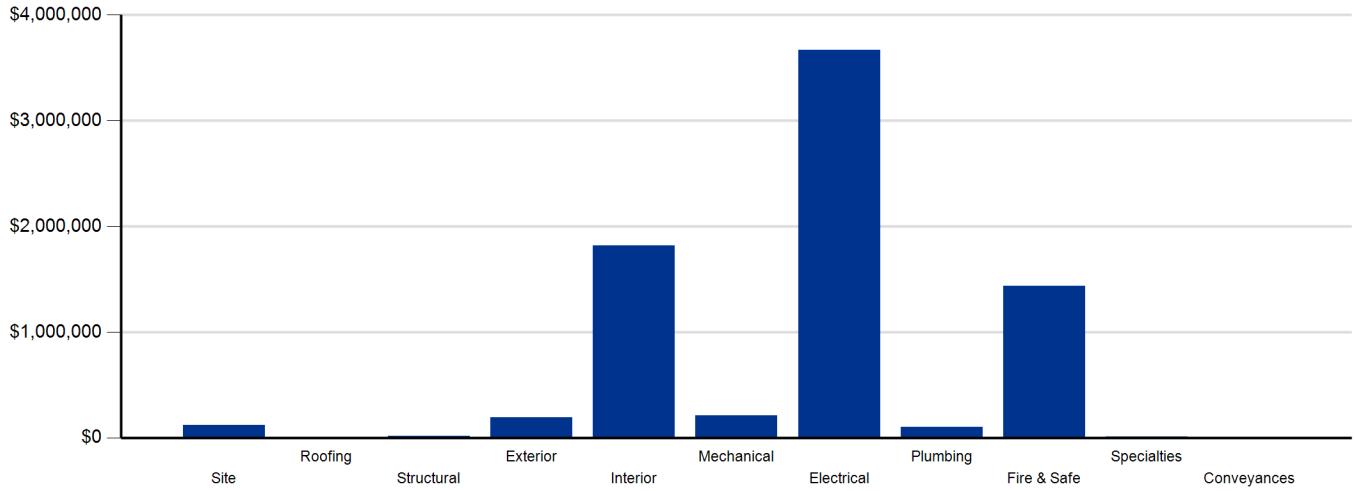


Figure 1: System Deficiencies

## 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)

System	Life Cycle Capital Renewal Projections					Total 1-5
	Year 1 2023	Year 2 2024	Year 3 2025	Year 4 2026	Year 5 2027	
Site	\$0	\$0	\$0	\$294,838	\$261,271	\$556,109
Roofing	\$0	\$0	\$0	\$0	\$0	\$0
Exterior	\$0	\$0	\$284,023	\$0	\$94,900	\$378,923
Interior	\$0	\$0	\$341,083	\$458,860	\$724,790	\$1,524,733
Mechanical	\$0	\$0	\$20,722	\$29,014	\$1,091,065	\$1,140,801
Electrical	\$0	\$0	\$0	\$902	\$64,364	\$65,266
Plumbing	\$0	\$0	\$2,684	\$377,113	\$1,205,676	\$1,585,473
Fire and Life Safety	\$0	\$0	\$0	\$294,380	\$0	\$294,380
Conveyances	\$0	\$0	\$0	\$0	\$7,985	\$7,985
Specialties	\$0	\$0	\$225,777	\$747,651	\$153,055	\$1,126,483
Crawlspace	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$874,289</b>	<b>\$2,202,758</b>	<b>\$3,603,106</b>	<b>\$6,680,153</b>

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

System	Life Cycle Capital Renewal Projections						Total 6-10	Total 1-10
	Total 1-5	Year 6 2028	Year 7 2029	Year 8 2030	Year 9 2031	Year 10 2032		
Site	\$556,109	\$0	\$0	\$603,345	\$0	\$0	\$603,345	\$1,159,454
Roofing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Exterior	\$378,923	\$52,779	\$59,312	\$0	\$0	\$261,527	\$373,618	\$752,541
Interior	\$1,524,733	\$93,089	\$317,118	\$344,007	\$148,968	\$249,909	\$1,153,091	\$2,677,824
Mechanical	\$1,140,801	\$0	\$105,963	\$765,744	\$0	\$443,907	\$1,315,614	\$2,456,415
Electrical	\$65,266	\$0	\$0	\$53,947	\$0	\$86,543	\$140,490	\$205,756
Plumbing	\$1,585,473	\$0	\$0	\$0	\$0	\$4,725,201	\$4,725,201	\$6,310,674
Fire and Life Safety	\$294,380	\$36,241	\$0	\$42,580	\$0	\$0	\$78,821	\$373,201
Conveyances	\$7,985	\$197,478	\$0	\$0	\$0	\$0	\$197,478	\$205,463
Specialties	\$1,126,483	\$0	\$0	\$79,217	\$0	\$0	\$79,217	\$1,205,700
Crawlspace	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$6,680,153</b>	<b>\$379,587</b>	<b>\$482,393</b>	<b>\$1,888,840</b>	<b>\$148,968</b>	<b>\$5,767,087</b>	<b>\$8,666,875</b>	<b>\$15,347,028</b>

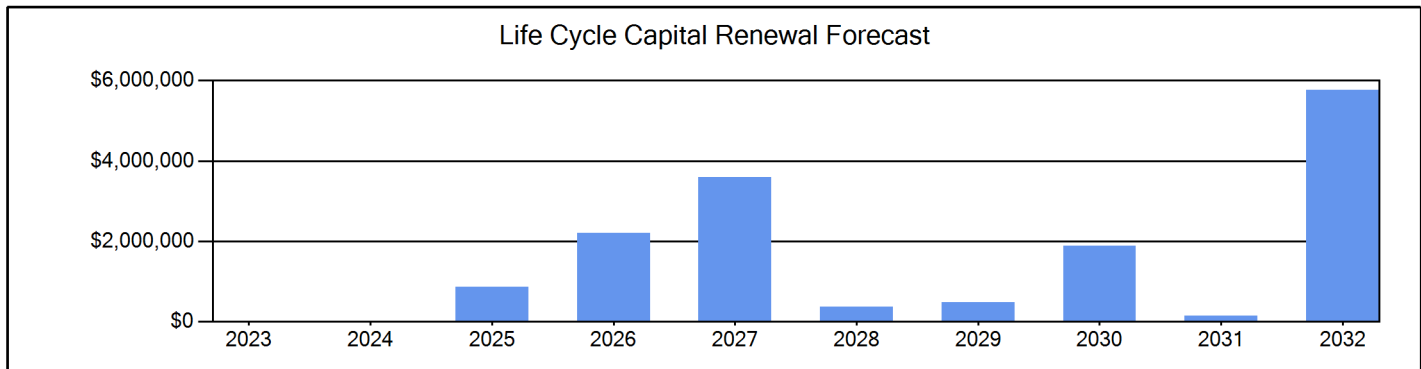


Figure 2: Ten Year Capital Renewal Forecast

## 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.

$$FCAS = 100 - (\text{Total Repair Cost} / \text{Replacement Cost})$$

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.

- Very Unsatisfactory (0-35)
- Unsatisfactory (36-50)
- Average (51-65)
- Satisfactory (66-80)
- Very Satisfactory (81-100)

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 \$54,037,849. For planning purposes, the total 5-year need at the Lively MS is \$15,144,959 (Life Cycle Years 1-5 plus the FCA deficiency cost). The Lively MS facility has a 5-year FCA of 71.97%.

5-Year Need vs. Replacement

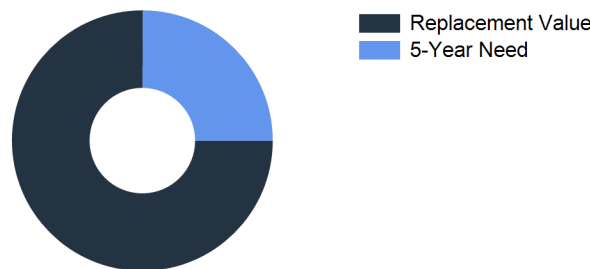


Figure 3: 5-Year FCA



## Lively MS - Deficiency Summary

### Site Level Deficiencies

#### Site

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Concrete Walks Replacement	Capital Renewal	200	SF	3	\$2,265	2881
<b>Note:</b> Sidewalk between the two portable buildings on the south side of site is cracked and grass is growing through. Needs to be replaced. <b>Location:</b> Between south portable buildings						
Exterior Signage At Accessible Parking Area Does Not Meet ADA Requirements	ADA Compliance	2	Ea.	3	\$479	2878
<b>Note:</b> Two (2) accessible parking spots at southwest corner of building by mural are missing parking signs. <b>Location:</b> ADA parking, SW of building						
Asphalt Pavement Recoating And Resurfacing	Capital Renewal	5,500	SF	4	\$60,628	2857
<b>Note:</b> The basketball court needs to be resurfaced						
Exterior Basketball Goal Replacement	Capital Renewal	4	Ea.	4	\$26,613	2860
<b>Note:</b> Three (3) backboards and nets need to be replaced. <b>Location:</b> Basketball court						
Site Drainage Needs Installation Of Drainage Piping	Deferred Maintenance	1	LF	4	\$63	2874
<b>Note:</b> Downspout at southeast corner of portable by track is pinched shut, impeding drainage. <b>Location:</b> SE corner of portable by track						
Track Repair	Deferred Maintenance	1	Ea.	4	\$20,244	3676
<b>Note:</b> Track striping is faded.						
Paving Restriping	Deferred Maintenance	82	CAR	5	\$2,727	2871
<b>Note:</b> All parking spaces are faded and need to be restriped. <b>Location:</b> All parking spaces						
Small Bench Replacement	Deferred Maintenance	1	Ea.	5	\$2,067	2879
<b>Note:</b> Bench of southeast side of track is damaged, causing safety hazard; needs to be replaced						
Tennis Courts, Nets, And Equipment Repair	Deferred Maintenance	2	Ea.	5	\$2,840	2864
<b>Note:</b> Broken tennis nets need to be replaced. <b>Location:</b> Tennis court						
Tree Trimming	Deferred Maintenance	1	Ea.	5	\$183	2877
<b>Note:</b> Tree is growing over parking spaces at back side of main parking lot adjacent to E Mary Street, needs to be trimmed. <b>Location:</b> Main parking lot						
Wheel Stop Replacement	Deferred Maintenance	10	Ea.	5	\$1,734	2880
<b>Note:</b> Wheelstops are damaged or broken throughout main parking lot. <b>Location:</b> Main parking lot						
<b>Sub Total for System</b>		<b>11</b>	<b>items</b>		<b>\$119,845</b>	

#### Structural

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Structural Study Recommended	Deferred Maintenance	2	Job	1	\$12,910	6741
<b>Note:</b> Structural study to detail scope of work based on the 2017 crawlspace deficiencies provided by AISD						
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$12,910</b>	
<b>Sub Total for School and Site Level</b>		<b>12</b>	<b>items</b>		<b>\$132,754</b>	

### Building: 043A - Main building includes Administration Offices, Classrooms, & Theater.

#### Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Aluminum Window Replacement	Capital Renewal	210	SF	2	\$20,943	3324
<b>Note:</b> Old glazing, 21 ea - 5' x 2'						
Steel Window Replacement	Capital Renewal	520	SF	2	\$75,162	3325
<b>Note:</b> 5 ea - 13' x 8'						

**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Exterior Cleaning	Deferred Maintenance	800	SF Wall	5	\$3,098	3323
<b>Note:</b> Near gutters, particularly on east wall.						
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$99,203</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Door Hardware Replacement	Capital Renewal	109	Door	3	\$161,822	3333
Interior Door Replacement	Capital Renewal	2	Door	3	\$3,751	3332
<b>Note:</b> Doors to "chill room" in teachers lounge are original.						
Acoustical Ceiling Tile Replacement	Capital Renewal	58,203	SF	4	\$196,538	3327
<b>Note:</b> Water damaged tiles throughout building.						
Carpet Flooring Replacement	Capital Renewal	18,188	SF	4	\$230,263	3661
Ceiling Grid Replacement	Capital Renewal	58,203	SF	4	\$242,372	3326
Elevator Finishes Replacement	Capital Renewal	1	Ea.	4	\$7,985	3334
Interior Gypsum Board Wall Repair	Deferred Maintenance	500	SF Wall	4	\$15,752	3328
<b>Note:</b> Damage in hallways						
Terrazzo Flooring Replacement	Capital Renewal	100	SF	4	\$3,408	3329
<b>Note:</b> Cracks in hallways						
Vinyl Composition Tile Replacement	Capital Renewal	43,652	SF	4	\$356,977	3330
<b>Note:</b> Throughout the building						
Wood Flooring Replacement	Capital Renewal	1,455	SF	4	\$31,342	3331
<b>Note:</b> Stage floor is old and deteriorated						
<b>Sub Total for System</b>		<b>10</b>	<b>items</b>		<b>\$1,250,210</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Make Up Air Equipment Replacement	Capital Renewal	1	Ea.	3	\$8,888	3300
<b>Note:</b> Equipment uses R-22 refrigerant						
<b>Location:</b> Roof						
Ceiling Exhaust Fan Replacement	Capital Renewal	4	Ea.	4	\$1,947	3301
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$10,835</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Distribution Panel Replacement	Capital Renewal	1	Ea.	2	\$18,564	3307
Electrical Transformer Replacement	Capital Renewal	2	Ea.	2	\$19,816	3303
Electrical Transformer Replacement	Capital Renewal	1	Ea.	2	\$18,241	3304
Electrical Transformer Replacement	Capital Renewal	1	Ea.	2	\$7,287	3305
Electrical Transformer Replacement	Capital Renewal	1	Ea.	2	\$5,919	3306
<b>Note:</b> Unacceptable manufacturing						
Panelboard Replacement	Capital Renewal	6	Ea.	2	\$32,997	3308
Panelboard Replacement	Capital Renewal	2	Ea.	2	\$10,999	3309
<b>Note:</b> Unacceptable manufacturing						
Panelboard Replacement	Capital Renewal	6	Ea.	2	\$16,692	3310
Panelboard Replacement	Capital Renewal	1	Ea.	2	\$9,372	3311
<b>Note:</b> Unacceptable manufacturing						
Panelboard Replacement	Capital Renewal	1	Ea.	2	\$12,342	3312
<b>Note:</b> 120/208 600 Amps						
Panelboard Replacement	Capital Renewal	1	Ea.	2	\$1,459	3313
Panelboard Replacement	Capital Renewal	2	Ea.	2	\$8,471	3314
<b>Note:</b> 60 Amps						
Panelboard Replacement	Capital Renewal	1	Ea.	2	\$2,782	3315
Exterior Mounted Building Lighting Replacement	Capital Renewal	10	Ea.	3	\$9,017	3320
Interior Power Wiring Replacement	Deferred Maintenance	72,754	SF	3	\$86,409	3322
Lighting Fixtures Replacement	Capital Renewal	72,754	SF	3	\$1,334,202	3321
Lightning Protection System Installation	Functional Deficiency	72,754	SF	3	\$56,815	3319

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Public Address System Replacement, Non-main Building	Deferred Maintenance	72,754	SF	3	\$51,501	3316
<b>Sub Total for System</b>		<b>18</b>	<b>items</b>		<b>\$1,702,887</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Custodial Mop Or Service Sink Replacement	Capital Renewal	2	Ea.	4	\$1,592	3298
Non-Refrigerated Drinking Fountain Replacement	Capital Renewal	5	Ea.	4	\$11,919	3299
Replace classroom lavatory	Capital Renewal	17	Ea.	4	\$43,596	3296
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$57,107</b>	

**Fire and Life Safety**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Fire Alarm Replacement	Capital Renewal	72,754	SF	1	\$115,520	3318
Install Fire Sprinklers	Functional Deficiency	72,754	SF	1	\$533,011	3302
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$648,532</b>	

**Technology**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Public Address System Head-End Requires Replacement	Functional Deficiency	1	Ea.	3	\$7,307	3317
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$7,307</b>	
<b>Sub Total for Building 043A - Main building includes Administration Offices, Classrooms, &amp; Theater.</b>		<b>39</b>	<b>items</b>		<b>\$3,776,080</b>	

**Building: 043B - Stand-Alone Cafeteria, Band , Choir**
**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Aluminum Window Replacement <b>Note:</b> Old glazing	Capital Renewal	36	SF	2	\$3,590	3336
Metal Exterior Door Replacement <b>Note:</b> Rusted exterior doors	Capital Renewal	13	Door	2	\$48,191	3337
Brick Exterior Repair <b>Note:</b> Brick damage near loading dock	Deferred Maintenance	90	SF Wall	3	\$1,121	3335
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$52,902</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Door Hardware Replacement	Capital Renewal	68	Door	3	\$100,953	3343
Acoustical Ceiling Tile Replacement	Capital Renewal	11,028	SF	4	\$37,240	3338
Carpet Flooring Replacement	Capital Renewal	551	SF	4	\$6,976	3341
Ceramic Tile Flooring Replacement	Capital Renewal	551	SF	4	\$9,735	3342
Interior Ceramic Walls Repair or Replacement	Capital Renewal	2,206	SF	4	\$18,311	3339
Toilet Partition Replacement	Capital Renewal	7	Stall	4	\$14,115	3340
Interior Wall Repainting (Bldg SF)	Capital Renewal	47,422	SF	5	\$212,494	3662
<b>Sub Total for System</b>		<b>7</b>	<b>items</b>		<b>\$399,825</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Infrared Electric Radiant Heater Replacement	Capital Renewal	1	Ea.	2	\$1,018	3530
Circulation Pump Replacement	Capital Renewal	1	Ea.	4	\$4,313	3531
Wall Exhaust Fan Ventilation Replacement	Capital Renewal	2	Ea.	4	\$9,463	3532
Remove Abandoned Equipment <b>Note:</b> Remove abandoned condensing unit <b>Location:</b> Roof	Deferred Maintenance	1	Ea.	5	\$1,239	3534
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$16,033</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Electrical Transformer Replacement	Capital Renewal	1	Ea.	2	\$7,287	3535

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Panelboard Replacement	Capital Renewal	2	Ea.	2	\$5,564	3536
Panelboard Replacement	Capital Renewal	1	Ea.	2	\$12,342	3537
Panelboard Replacement	Capital Renewal	3	Ea.	2	\$16,499	3538
Panelboard Replacement	Capital Renewal	1	Ea.	2	\$6,688	3539
Panelboard Replacement	Capital Renewal	1	Ea.	2	\$9,372	3540
Interior Power Wiring Replacement	Deferred Maintenance	55,142	SF	3	\$65,491	3546
Lighting Fixtures Replacement	Capital Renewal	55,142	SF	3	\$1,011,224	3545
Lightning Protection System Installation	Functional Deficiency	55,142	SF	3	\$43,061	3544
Public Address System Replacement, Non-main Building	Deferred Maintenance	55,142	SF	3	\$39,034	3541
<b>Sub Total for System</b>		<b>10</b>	<b>items</b>		<b>\$1,216,563</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Backflow Preventer Replacement	Capital Renewal	1	Ea.	3	\$2,092	3526
Shower Replacement	Capital Renewal	15	Ea.	3	\$19,597	3528
Custodial Mop Or Service Sink Replacement	Capital Renewal	4	Ea.	4	\$3,184	3527
Non-Refrigerated Drinking Fountain Replacement	Capital Renewal	4	Ea.	4	\$9,535	3529
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$34,407</b>	

**Fire and Life Safety**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Fire Alarm Replacement	Capital Renewal	55,142	SF	1	\$87,555	3543
Install Fire Sprinklers	Functional Deficiency	55,142	SF	1	\$403,982	3533
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$491,538</b>	

**Specialties**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Replace Cabinetry In Classes/Labs <b>Note:</b> Band office cabinetry is damaged and missing hardware	Capital Renewal	1	Room	4	\$8,802	3344
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$8,802</b>	

**Crawlspace**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD <b>Note:</b> SOIL/DRAINAGE BELOW BUILDING - Improve drainage 1 LS	Deferred Maintenance	71,266	Ea.	5	\$83,727	6733
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD <b>Note:</b> CRAWL SPACE ACCESS/VENTILATION - Increase ventilation 4,725 SF	Deferred Maintenance	26,307	Ea.	5	\$30,907	6734
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD <b>Note:</b> SUSPENDED FLOOR SLABS - Structural updates for spalls, cracks and reinforcement 4,725 SF	Deferred Maintenance	328,842	Ea.	5	\$386,340	6735
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD <b>Note:</b> CRAWL SPACE, EXPOSED PIPES - Replace rusted pipes, hangers and damaged insulation 1 LS	Deferred Maintenance	69,596	Ea.	5	\$81,765	6736
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$582,739</b>	
<b>Sub Total for Building 043B - Stand-Alone Cafeteria, Band , Choir</b>		<b>35</b>	<b>items</b>		<b>\$2,802,809</b>	

**Building: 043C - Vocational / Art / Shop Building**
**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Metal Exterior Door Replacement <b>Note:</b> Rusted doors on west side of the building	Capital Renewal	10	Door	2	\$37,070	3562
Exterior Metal Door Repainting <b>Note:</b> 9 doors and 4 gates	Deferred Maintenance	13	Door	3	\$1,494	3563
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$38,564</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Door Hardware Replacement <b>Note:</b> Door hardware is sticking.	Capital Renewal	43	Door	3	\$63,838	3564
Carpet Flooring Replacement	Capital Renewal	3,330	SF	4	\$42,158	3663
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$105,996</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Ductless Split System AC Replacement <b>Location:</b> MDF Room	Capital Renewal	1	Ea.	2	\$5,425	3567
Package Roof Top Unit Replacement <b>Note:</b> Equipment uses R-22 refrigerant	Capital Renewal	2	Ea.	2	\$31,818	3568
Large Diameter Exhausts/Hoods Replacement	Capital Renewal	3	Ea.	3	\$24,109	3569
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$61,352</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Electrical Transformer Replacement <b>Note:</b> 150 KVA	Capital Renewal	1	Ea.	2	\$18,241	3572
Panelboard Replacement	Capital Renewal	1	Ea.	2	\$2,782	3573
Panelboard Replacement	Capital Renewal	4	Ea.	2	\$21,998	3574
Panelboard Replacement	Capital Renewal	1	Ea.	2	\$6,688	3575
Switchgear Replacement <b>Note:</b> 2500 Amps	Capital Renewal	1	Ea.	2	\$68,027	3571
Lighting Fixtures Replacement	Capital Renewal	18,499	SF	3	\$339,245	3579
Lightning Protection System Installation	Functional Deficiency	18,499	SF	3	\$14,446	3578
Public Address System Replacement, Non-main Building	Deferred Maintenance	18,499	SF	3	\$13,095	3576
<b>Sub Total for System</b>		<b>8</b>	<b>items</b>		<b>\$484,523</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Backflow Preventer Replacement	Capital Renewal	1	Ea.	3	\$2,092	3565
Sump Pump Replacement	Deferred Maintenance	1	Ea.	3	\$567	3566
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$2,659</b>	

**Fire and Life Safety**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Functional Deficiency	18,499	SF	1	\$135,528	3570
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$135,528</b>	

**Crawlspace**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD <b>Note:</b> CRAWL SPACE ACCESS/VENTILATION - Improve ventilation 18,200 sf	Deferred Maintenance	101,332	Ea.	5	\$119,050	6737
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD <b>Note:</b> SUSPENDED FLOOR SLABS - Improve structure for minimal cracks and spalls 18,200 SF	Deferred Maintenance	101,332	Ea.	5	\$119,050	6738
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD <b>Note:</b> CRAWL SPACE, EXPOSED PIPES - Replace degraded pipe insulation 1 LS	Deferred Maintenance	51,668	Ea.	5	\$60,702	6739
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD <b>Note:</b> CRAWL SPACE, EXPOSED DUCTWORK - Replace degraded duct insulation 1 LS	Deferred Maintenance	5,000	Ea.	5	\$5,874	6740
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$304,676</b>	
<b>Sub Total for Building 043C - Vocational / Art / Shop Building</b>		<b>22</b>	<b>items</b>		<b>\$1,133,299</b>	

**Building: 043D - Stand-Alone Classroom Building**
**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Acoustical Ceiling Tile Replacement <b>Note:</b> Several damaged tiles throughout	Capital Renewal	670	SF	4	\$2,262	3560
Toilet Partition Replacement <b>Note:</b> Replace rusted toilet partitions	Capital Renewal	1	Stall	4	\$2,016	3561
Interior Wall Repainting (Bldg SF)	Capital Renewal	13,392	SF	5	\$60,009	3664
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$64,287</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Heat Pump HVAC Component Replacement <b>Note:</b> 3.5 Ton - Equipment uses R-22 refrigerant	Capital Renewal	2	Ea.	2	\$17,815	3555
Heat Pump HVAC Component Replacement <b>Note:</b> Equipment uses R-22 refrigerant	Capital Renewal	1	Ea.	2	\$8,908	3556
Package Roof Top Unit Replacement <b>Note:</b> 4 Ton - Equipment uses R-22 refrigerant	Capital Renewal	5	Ea.	2	\$79,546	3558
Energy Recovery Unit Replacement <b>Note:</b> Equipment uses R-22 refrigerant	Capital Renewal	1	Ea.	3	\$17,176	3557
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$123,445</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Lighting Fixtures Replacement	Capital Renewal	13,392	SF	3	\$245,590	3553
Lightning Protection System Installation	Functional Deficiency	13,392	SF	3	\$10,458	3552
Public Address System Replacement, Non-main Building	Deferred Maintenance	13,392	SF	3	\$9,480	3547
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$265,528</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Non-Refrigerated Drinking Fountain Replacement	Capital Renewal	4	Ea.	4	\$9,535	3554
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$9,535</b>	

**Fire and Life Safety**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Fire Alarm Panel Replacement	Capital Renewal	1	Ea.	1	\$6,868	3551
Fire Alarm Replacement	Capital Renewal	13,392	SF	1	\$21,264	3550
Install Fire Sprinklers	Functional Deficiency	13,392	SF	1	\$98,113	3559
Security Alarm Replacement	Capital Renewal	13,392	SF	1	\$30,825	3549
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$157,069</b>	
<b>Sub Total for Building 043D - Stand-Alone Classroom Building</b>		<b>15</b>	<b>items</b>		<b>\$619,865</b>	
<b>Total for Campus</b>		<b>123</b>	<b>items</b>		<b>\$8,464,806</b>	



## Lively MS - 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	Competition Style Track	1	Ea.	\$294,838	4
Parking Lot Pavement	Asphalt	82	CAR	\$118,966	5
Roadway Pavement	Asphalt Driveways	22,130	SF	\$142,305	5
Fences and Gates	Fencing - Chain Link (4 Ft)	2,000	LF	\$94,395	8
Fences and Gates	Fencing - Chain Link (8-10 Ft)	700	LF	\$54,841	8
Pedestrian Pavement	Sidewalks - Concrete	40,090	SF	\$454,109	8
<b>Sub Total for System</b>		<b>6</b>	<b>items</b>	<b>\$1,159,454</b>	
<b>Sub Total for Building -</b>		<b>6</b>	<b>items</b>	<b>\$1,159,454</b>	

### Building: 043A - Main building includes Administration Offices, Classrooms, & Theater.

#### Exterior

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Aluminum - Windows per SF	1,260	SF	\$125,656	3
Exterior Operating Windows	Aluminum - Windows per SF	180	SF	\$17,951	3
Exterior Operating Windows	Aluminum - Windows per SF	960	SF	\$95,738	3
Exterior Operating Windows	Aluminum - Windows per SF	448	SF	\$44,678	3
Exterior Entrance Doors	Steel - Insulated and Painted	12	Door	\$44,484	5
Exterior Window Wall	Storefront / Curtain Wall (Bldg SF)	2,183	SF	\$52,779	6
<b>Sub Total for System</b>		<b>6</b>	<b>items</b>	<b>\$381,285</b>	

#### Interior

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Interior Swinging Doors	Wooden Door	90	Door	\$168,804	3
Wall Painting and Coating	Painting/Staining (Bldg SF)	67,661	SF	\$303,185	4
Suspended Plaster and	Painted ceilings	2,183	SF	\$4,546	5
Compartments and Cubicles	Toilet Partitions	15	Stall	\$30,247	5
Interior Swinging Doors	Metal Door (Steel)	17	Door	\$49,195	5
Carpeting	Carpet	18,189	SF	\$230,270	8
Terrazzo Flooring	Terrazzo	3,638	SF	\$123,960	9
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	58,203	SF	\$196,538	10
<b>Sub Total for System</b>		<b>8</b>	<b>items</b>	<b>\$1,106,743</b>	

#### Mechanical

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Heating System Supplementary Components	Controls - DDC (Bldg.SF)	72,754	SF	\$196,234	5
Air Distribution	Energy Recovery Unit (6,000 CFM)	1	Ea.	\$20,116	5
HVAC Air Distribution	Energy Recovery Unit (8,000 CFM)	1	Ea.	\$22,727	5
HVAC Air Distribution	Ductwork (Bldg.SF)	72,754	SF	\$575,662	5
Exhaust Air	Roof Exhaust Fan - Large	9	Ea.	\$72,326	5
Central Cooling	Chiller - Outdoor Air Cooled (210 Tons)	2	Ea.	\$421,499	8
Other HVAC Distribution Systems	VFD (5 HP)	2	Ea.	\$8,786	8
Other HVAC Distribution Systems	VFD (10 HP)	4	Ea.	\$22,829	8
Other HVAC Distribution Systems	VFD (7.5 HP)	3	Ea.	\$15,670	8
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)	1	Ea.	\$4,313	8
Facility Hydronic Distribution	2-Pipe System (Cold)	72,754	SF	\$130,096	10
Facility Hydronic Distribution	2-Pipe Steam System (Hot)	72,754	SF	\$309,498	10
<b>Sub Total for System</b>		<b>12</b>	<b>items</b>	<b>\$1,799,757</b>	

#### Electrical

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Electrical Service	Transformer (75 KVA)	2	Ea.	\$14,575	5
Power Distribution	Panelboard - 120/240 100A	3	Ea.	\$12,707	5
Power Distribution	Panelboard - 120/208 100A	1	Ea.	\$2,782	5
Power Distribution	Panelboard - 120/208 225A	3	Ea.	\$16,499	8
Lighting Fixtures	Canopy Mounted Fixtures (Ea.)	10	Ea.	\$20,830	10
<b>Sub Total for System</b>		<b>5</b>	<b>items</b>	<b>\$67,392</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Plumbing Fixtures	Restroom Lavatory	16	Ea.	\$43,461	4
Plumbing Fixtures	Toilets	17	Ea.	\$86,010	4
Plumbing Fixtures	Urinals	7	Ea.	\$9,480	4
Domestic Water Equipment	Water Heater - Electric - 30 gallon	1	Ea.	\$2,135	5
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)	72,754	SF	\$261,458	5
Sanitary Sewerage Piping	Sanitary Sewer Piping	72,754	SF	\$80,774	5
Domestic Water Equipment	Gas Piping System (BldgSF)	72,754	SF	\$2,522,764	10
Plumbing Fixtures	Non-Refrigerated Drinking Fountain	5	Ea.	\$11,919	10
		<b>Sub Total for System</b>		<b>8 items</b>	<b>\$3,018,000</b>

**Fire and Life Safety**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Security System Component	Security Alarm System	72,754	SF	\$167,459	4
		<b>Sub Total for System</b>		<b>1 items</b>	<b>\$167,459</b>

**Conveyances**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Elevators	Hydraulic (Passenger Elev)	1	Ea.	\$98,739	6
		<b>Sub Total for System</b>		<b>1 items</b>	<b>\$98,739</b>

**Specialties**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Casework	Fixed Cabinetry	18	Room	\$158,434	4
Casework	Lockers	1,106	Ea.	\$589,217	4
		<b>Sub Total for System</b>		<b>2 items</b>	<b>\$747,651</b>
<b>Sub Total for Building 043A - Main building includes Administration Offices, Classrooms, &amp; Theater.</b>		<b>43 items</b>		<b>\$7,387,026</b>	

**Building: 043B - Stand-Alone Cafeteria, Band , Choir**
**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Aluminum - Windows per SF	72	SF	\$7,180	5
Exterior Operating Windows	Aluminum - Windows per SF	99	SF	\$9,873	5
Exterior Entrance Doors	Steel - Insulated and Painted	16	Door	\$59,312	7
Exterior Window Wall	Storefront / Curtain Wall (Bldg SF)	7,720	SF	\$186,677	10
		<b>Sub Total for System</b>		<b>4 items</b>	<b>\$263,042</b>

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Interior Swinging Doors	Wooden Door	53	Door	\$99,407	4
Acoustical Suspended Ceilings	Ceilings - Acoustical Grid System	11,028	SF	\$45,925	5
Compartments and Cubicles	Toilet Partitions	6	Stall	\$12,099	5
Carpeting	Carpet	4,411	SF	\$55,849	5
Resilient Flooring	Vinyl Composition Tile Flooring	31,984	SF	\$261,556	5
Interior Swinging Doors	Metal Door (Steel)	15	Door	\$43,407	5
Interior Coiling Doors	Interior Overhead Doors	2	Ea.	\$10,573	5
Wall Painting and Coating	Painting/Staining (Bldg SF)	47,422	SF	\$212,495	7
Suspended Plaster and	Painted ceilings	11,028	SF	\$22,968	8
Carpeting	Carpet	551	SF	\$6,976	8
Resilient Flooring	Rubber Tile Flooring	1,654	SF	\$25,008	9
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	11,028	SF	\$37,240	10
Compartments and Cubicles	Toilet Partitions	7	Stall	\$14,115	10
		<b>Sub Total for System</b>		<b>13 items</b>	<b>\$847,617</b>

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
HVAC Air Distribution	AHU 2,000 CFM Interior	1	Ea.	\$29,014	4
Exhaust Air	Roof Exhaust Fan - Large	5	Ea.	\$40,181	5
Exhaust Air	Kitchen Exhaust Hoods	1	Ea.	\$11,191	5
Heating System Supplementary Components	Controls - DDC (Bldg.SF)	55,142	SF	\$148,730	8
Other HVAC Distribution Systems	VFD (5 HP)	1	Ea.	\$4,393	8
Other HVAC Distribution Systems	VFD (15 HP)	2	Ea.	\$15,117	8
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)	1	Ea.	\$4,313	10
		<b>Sub Total for System</b>		<b>7 items</b>	<b>\$252,941</b>

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Power Distribution	Panelboard - 120/208 100A	1	Ea.	\$2,782	5
Lighting Fixtures	Building Mounted Fixtures (Ea.)	7	Ea.	\$6,312	5
Lighting Fixtures	Canopy Mounted Fixtures (Ea.)	21	Ea.	\$43,742	10
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>	<b>\$52,837</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Plumbing Fixtures	Restroom Lavatory	10	Ea.	\$27,163	4
Plumbing Fixtures	Toilets	14	Ea.	\$70,831	4
Plumbing Fixtures	Urinals	2	Ea.	\$2,708	4
Domestic Water Equipment	Water Heater - Gas - 200 Gallon	2	Ea.	\$27,583	5
Domestic Water Equipment	Water Heater - Instant 6.4 GPM	6	Ea.	\$10,364	5
Plumbing Fixtures	Classroom Lavatory	8	Ea.	\$20,516	5
Domestic Water Equipment	Gas Piping System (BldgSF)	55,142	SF	\$1,912,063	10
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)	55,142	SF	\$198,165	10
Sanitary Sewerage Piping	Sanitary Sewer Piping	55,142	SF	\$61,220	10
Plumbing Fixtures	Non-Refrigerated Drinking Fountain	4	Ea.	\$9,535	10
<b>Sub Total for System</b>		<b>10</b>	<b>items</b>	<b>\$2,340,149</b>	

**Fire and Life Safety**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Security System Component	Security Alarm System	55,142	SF	\$126,921	4
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$126,921</b>	

**Specialties**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Fixed Multiple Seating	Bleachers	440	Seat	\$181,768	3
Casework	Lockers	54	Ea.	\$28,768	5
Casework	Lockers, Gym	256	Ea.	\$124,287	5
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>	<b>\$334,822</b>	
<b>Sub Total for Building 043B - Stand-Alone Cafeteria, Band , Choir</b>		<b>41</b>	<b>items</b>	<b>\$4,218,330</b>	

**Building: 043C - Vocational / Art / Shop Building**
**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Entrance Doors	Steel - Insulated and Painted	4	Door	\$14,828	5
Exterior Entrance Doors	Steel - Insulated and Painted	9	Door	\$33,363	10
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>	<b>\$48,191</b>	

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	13,874	SF	\$46,850	3
Resilient Flooring	Vinyl Composition Tile Flooring	10,914	SF	\$89,252	3
Interior Swinging Doors	Wooden Door	30	Door	\$56,268	4
Acoustical Suspended Ceilings	Ceilings - Acoustical Grid System	13,874	SF	\$57,776	5
Suspended Plaster and	Painted ceilings	925	SF	\$1,926	5
Wall Painting and Coating	Painting/Staining (Bldg SF)	17,759	SF	\$79,577	5
Compartments and Cubicles	Toilet Partitions	4	Stall	\$8,066	5
Interior Swinging Doors	Metal Door (Steel)	13	Door	\$37,620	5
Carpeting	Carpet	3,330	SF	\$42,156	8
<b>Sub Total for System</b>		<b>9</b>	<b>items</b>	<b>\$419,490</b>	

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Heat Generation	Boiler - Copper Tube (1600 MBH)	1	Ea.	\$71,293	5
Heating System Supplementary Components	Controls - DDC (Bldg.SF)	18,499	SF	\$49,896	8
Other HVAC Distribution Systems	VFD (20 HP)	2	Ea.	\$17,635	8
Other HVAC Distribution Systems	VFD (10 HP)	1	Ea.	\$5,707	8
Other HVAC Distribution Systems	VFD (5 HP)	1	Ea.	\$4,393	8
Facility Hydronic Distribution	Pump - 5HP	2	Ea.	\$13,700	8
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)	1	Ea.	\$4,313	8
Facility Hydronic Distribution	Pump- 25HP (Ea.)	2	Ea.	\$28,763	8
<b>Sub Total for System</b>		<b>8</b>	<b>items</b>	<b>\$195,700</b>	

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Lighting Fixtures	Building Mounted Fixtures (Ea.)	1	Ea.	\$902	4
Electrical Service	Transformer (30 KVA)	1	Ea.	\$5,519	5
Power Distribution	Distribution Panels (400 Amps)	1	Ea.	\$16,905	5
Power Distribution	Panelboard - 120/208 100A	1	Ea.	\$2,782	5
Lighting Fixtures	Building Mounted Fixtures (Ea.)	2	Ea.	\$1,803	8
Power Distribution	Power Wiring	18,499	SF	\$21,971	10
<b>Sub Total for System</b>		<b>6</b>	<b>items</b>	<b>\$49,882</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Plumbing Fixtures	Restroom Lavatory	5	Ea.	\$13,581	4
Plumbing Fixtures	Sink - Service / Mop Sink	1	Ea.	\$796	4
Plumbing Fixtures	Toilets	4	Ea.	\$20,238	4
Plumbing Fixtures	Urinals	2	Ea.	\$2,708	4
Domestic Water Equipment	Gas Piping System (BldgSF)	18,499	SF	\$641,458	5
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)	18,499	SF	\$66,480	5
Sanitary Sewerage Piping	Sanitary Sewer Piping	18,499	SF	\$20,538	5
Plumbing Fixtures	Classroom Lavatory	8	Ea.	\$20,516	5
<b>Sub Total for System</b>		<b>8</b>	<b>items</b>	<b>\$786,316</b>	

**Fire and Life Safety**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Fire Detection and Alarm	Fire Alarm	18,499	SF	\$29,373	6
Fire Detection and Alarm	Fire Alarm Panel	1	Ea.	\$6,868	6
Security System Component	Security Alarm System	18,499	SF	\$42,580	8
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>	<b>\$78,820</b>	

**Specialties**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Casework	Fixed Cabinetry	5	Room	\$44,009	3
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$44,009</b>	
<b>Sub Total for Building 043C - Vocational / Art / Shop Building</b>		<b>37</b>	<b>items</b>	<b>\$1,622,409</b>	

**Building: 043D - Stand-Alone Classroom Building**
**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Entrance Doors	Steel - Insulated and Painted	5	Door	\$18,535	5
Exterior Operating Windows	Aluminum - Windows per SF	312	SF	\$31,115	10
Exterior Operating Windows	Aluminum - Windows per SF	104	SF	\$10,372	10
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>	<b>\$60,021</b>	

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	10,714	SF	\$36,177	3
Suspended Plaster and	Painted ceilings	1,071	SF	\$2,230	5
Compartments and Cubicles	Toilet Partitions	12	Stall	\$24,198	5
Resilient Flooring	Vinyl Composition Tile Flooring	11,383	SF	\$93,089	6
Acoustical Suspended Ceilings	Ceilings - Acoustical Grid System	10,714	SF	\$44,614	7
Wall Painting and Coating	Painting/Staining (Bldg SF)	13,392	SF	\$60,009	7
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	1,339	SF	\$4,522	8
Interior Door Supplementary Components	Door Hardware	25	Door	\$37,115	8
Compartments and Cubicles	Toilet Partitions	1	Stall	\$2,016	10
<b>Sub Total for System</b>		<b>9</b>	<b>items</b>	<b>\$303,970</b>	

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Heating System Supplementary Components	Controls - Electronic (Bldg.SF)	13,392	SF	\$20,722	3
Exhaust Air	Roof Exhaust Fan - Large	10	Ea.	\$80,362	5
Exhaust Air	Interior Ceiling Exhaust Fan	2	Ea.	\$973	5
HVAC Air Distribution	Ductwork (Bldg.SF)	13,392	SF	\$105,963	7
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>	<b>\$208,021</b>	

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Electrical Service	Transformer (45 KVA)	1	Ea.	\$5,919	8
Electrical Service	Transformer (15 KVA)	1	Ea.	\$5,358	8
Power Distribution	Panelboard - 120/208 125A	2	Ea.	\$2,918	8
Power Distribution	Panelboard - 277/480 225A	2	Ea.	\$18,745	8
Lighting Fixtures	Building Mounted Fixtures (Ea.)	3	Ea.	\$2,705	8
<b>Sub Total for System</b>		<b>5</b>	<b>items</b>	<b>\$35,644</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Domestic Water Equipment	Water Heater - Electric - 40 gallon	1	Ea.	\$2,684	3
Plumbing Fixtures	Restroom Lavatory	9	Ea.	\$24,447	4
Plumbing Fixtures	Sink - Service / Mop Sink	1	Ea.	\$796	4
Plumbing Fixtures	Toilets	14	Ea.	\$70,831	4
Plumbing Fixtures	Urinals	3	Ea.	\$4,063	4
Plumbing Fixtures	Classroom Lavatory	21	Ea.	\$53,854	5
Plumbing Fixtures	Non-Refrigerated Drinking Fountain	4	Ea.	\$9,535	10
<b>Sub Total for System</b>		<b>7</b>	<b>items</b>	<b>\$166,210</b>	

**Conveyances**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Elevators	Passenger elevator cab finishes	1	Ea.	\$7,985	5
Elevators	Hydraulic (Passenger Elev)	1	Ea.	\$98,739	6
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>	<b>\$106,724</b>	

**Specialties**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Casework	Fixed Cabinetry	9	Room	\$79,217	8
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$79,217</b>	
<b>Sub Total for Building 043D - Stand-Alone Classroom Building</b>		<b>31</b>	<b>items</b>	<b>\$959,808</b>	
<b>Total for: Lively MS</b>		<b>158</b>	<b>items</b>	<b>\$15,347,027</b>	

**Supporting Photos**

**General Site Photos**



Aged roof top unit



Parking lot concrete stops are damaged or missing



Stained exterior wall



Metal locker deficient



Stained acoustic tiles



Damaged tile floors





Damaged interior wall



Wooden casework deficient hardware



Damaged carpet floor



Damaged brick along walkway