



# FACILITY CONDITION ASSESSMENT

*Travis ECHS* | February 2022



## Executive Summary

Travis ECHS is located at 1301-1399 E Oltorf St in Austin, Texas. The oldest building is 67 years old (at time of 2020 assessment). It comprises 288,372 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 \$18,968,981. 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 Travis ECHS the ten-year need is \$49,014,543.

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 Travis ECHS facility has a 5-year FCA score of 61.19%.

## Summary of Findings

The table below summarizes the condition findings at Travis ECHS

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	\$2,626,135	\$974,579	\$167,592	\$3,600,714	\$3,768,306	\$0	
<b>Permanent Building(s)</b>								
007A	Main building includes Administration Offices, Classrooms, Cafeteria, Theater & Gym.	\$14,746,745	\$14,194,147	\$8,500,189	\$28,940,892	\$37,441,081	\$65,704,350	55.96%
007B	Stand-Alone Gym - Big, Small, & Dance gyms (includes Weight Room, Lockers & Showers)	\$1,250,509	\$1,658,356	\$2,656,796	\$2,908,865	\$5,565,661	\$23,368,340	87.55%
007C	Stand-Alone Weight Room	\$204,373	\$387,626	\$0	\$591,999	\$591,999	\$3,817,882	84.49%
007D	Mechanical Building (Pump Room)	\$39,613	\$129,889	\$10,350	\$169,502	\$179,852	\$179,516	5.58%
007E	Stand-Alone Boiler House	\$67,360	\$176,946	\$575,803	\$244,306	\$820,109	\$829,350	70.54%
007F	Mechanical Building	\$24,519	\$262,923	\$329,753	\$287,442	\$617,195	\$583,792	50.76%
007G	Restrooms and Storage	\$9,727	\$12,088	\$8,525	\$21,815	\$30,340	\$249,664	91.26%
<b>Sub Total for Permanent Building(s):</b>		<b>\$16,342,846</b>	<b>\$16,821,975</b>	<b>\$12,081,416</b>	<b>\$33,164,821</b>	<b>\$45,246,237</b>	<b>\$94,732,898</b>	
<b>Total for Site:</b>		<b>\$18,968,981</b>	<b>\$17,796,554</b>	<b>\$12,249,008</b>	<b>\$36,765,535</b>	<b>\$49,014,543</b>	<b>\$94,732,898</b>	<b>61.19%</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	\$111,889	\$108,594	\$2,392,742	\$2,613,225	13.78 %
Roofing	\$6,109,634	\$0	\$0	\$0	\$0	\$6,109,634	32.21 %
Structural	\$12,910	\$0	\$0	\$0	\$0	\$12,910	0.07 %
Exterior	\$0	\$368,231	\$11,610	\$6,748	\$913	\$387,501	2.04 %
Interior	\$0	\$0	\$289,771	\$1,540,145	\$573,364	\$2,403,281	12.67 %
Mechanical	\$0	\$3,231,999	\$73,454	\$253,170	\$37,359	\$3,595,983	18.96 %
Electrical	\$0	\$108,678	\$325,569	\$18,741	\$0	\$452,988	2.39 %
Plumbing	\$9,711	\$2,684	\$35,659	\$26,578	\$0	\$74,632	0.39 %
Fire and Life Safety	\$70,826	\$0	\$0	\$0	\$0	\$70,826	0.37 %
Conveyances	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Specialties	\$0	\$0	\$0	\$20,939	\$5,809	\$26,749	0.14 %
Crawlspace	\$0	\$0	\$0	\$0	\$3,221,253	\$3,221,253	16.98 %
<b>Total:</b>	\$6,203,081	\$3,711,592	\$847,953	\$1,974,915	\$6,231,440	\$18,968,981	

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

Roofing	-	\$6,109,634
Mechanical	-	\$3,595,983
Site	-	\$2,613,225

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

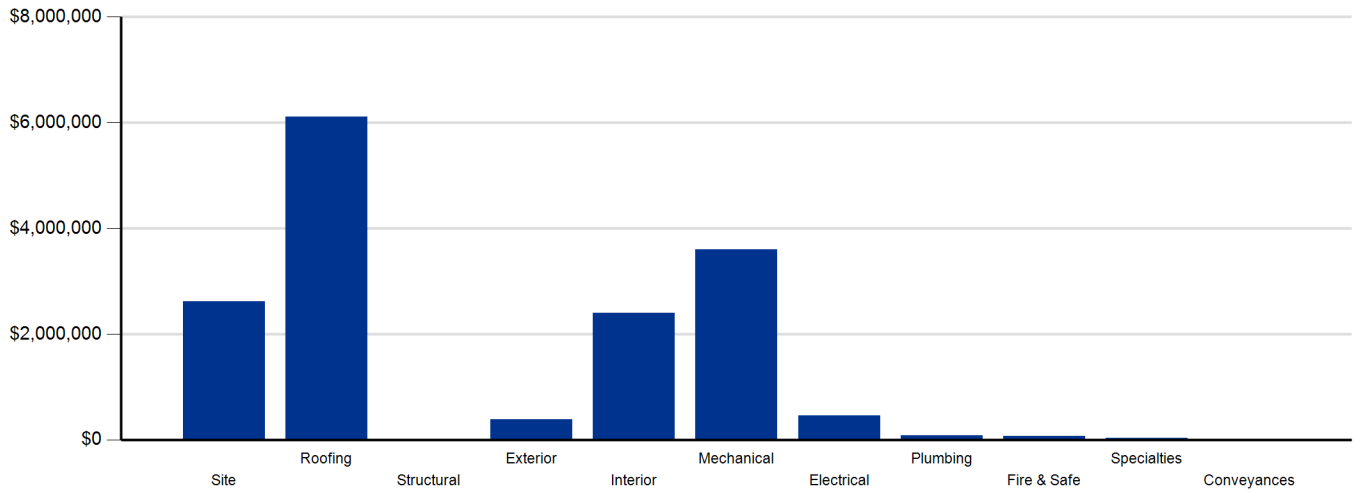


Figure 1: System Deficiencies

## 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	\$0	\$1,370,434	\$1,370,434
Roofing	\$0	\$0	\$0	\$0	\$0	\$0
Exterior	\$20,541	\$181,816	\$14,828	\$167,865	\$6,143,828	\$6,528,878
Interior	\$0	\$15,207	\$1,807,585	\$1,034,020	\$1,619,032	\$4,475,844
Mechanical	\$167,338	\$393,570	\$531,992	\$394,966	\$234,977	\$1,722,843
Electrical	\$0	\$36,494	\$0	\$307,860	\$453,773	\$798,127
Plumbing	\$8,885,614	\$27,389	\$560,992	\$53,159	\$594,608	\$10,121,760
Fire and Life Safety	\$0	\$0	\$0	\$49,294	\$518,096	\$567,390
Conveyances	\$0	\$0	\$0	\$0	\$204,405	\$204,405
Specialties	\$0	\$0	\$0	\$25,246	\$764,973	\$790,219
Crawlspace	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$9,073,493</b>	<b>\$654,476</b>	<b>\$2,915,397</b>	<b>\$2,032,410</b>	<b>\$11,904,126</b>	<b>\$26,579,902</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	\$1,370,434	\$0	\$0	\$0	\$0	\$167,592	\$167,592	\$1,538,026
Roofing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Exterior	\$6,528,878	\$0	\$0	\$12,655	\$0	\$2,227,288	\$2,239,943	\$8,768,821
Interior	\$4,475,844	\$173,672	\$110,379	\$547,814	\$80,575	\$650,332	\$1,562,772	\$6,038,616
Mechanical	\$1,722,843	\$309,245	\$0	\$1,024,493	\$210,814	\$3,396,691	\$4,941,243	\$6,664,086
Electrical	\$798,127	\$0	\$0	\$10,922	\$0	\$5,111,357	\$5,122,279	\$5,920,406
Plumbing	\$10,121,762	\$0	\$0	\$6,384	\$0	\$30,829	\$37,213	\$10,158,980
Fire and Life Safety	\$567,390	\$0	\$0	\$0	\$467,291	\$0	\$467,291	\$1,034,681
Conveyances	\$204,405	\$0	\$0	\$0	\$0	\$0	\$0	\$204,405
Specialties	\$790,219	\$0	\$0	\$0	\$0	\$227,209	\$227,209	\$1,017,428
Crawlspace	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$26,579,902</b>	<b>\$482,917</b>	<b>\$110,379</b>	<b>\$1,602,268</b>	<b>\$758,680</b>	<b>\$11,811,298</b>	<b>\$14,765,542</b>	<b>\$41,345,444</b>

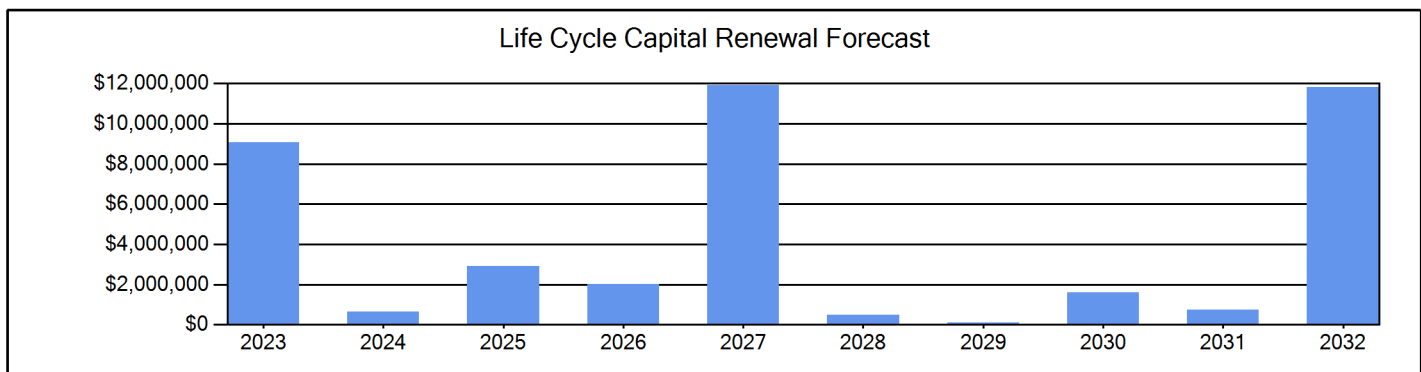


Figure 2: Ten Year Capital Renewal Forecast

## 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 \$94,732,898. For planning purposes, the total 5-year need at the Travis ECHS is \$36,765,535 (Life Cycle Years 1-5 plus the FCA deficiency cost). The Travis ECHS facility has a 5-year FCA of 61.19%.

5-Year Need vs. Replacement

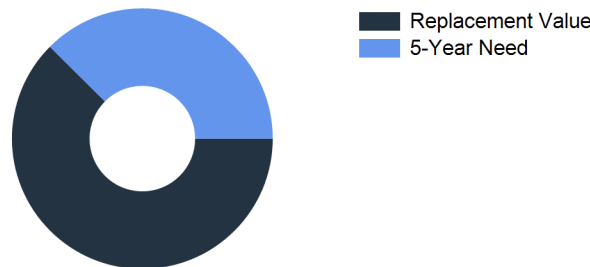


Figure 3: 5-Year FCA



## Travis ECHS - Deficiency Summary

### Site Level Deficiencies

#### Site

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Asphalt Driveway Replacement	Capital Renewal	17,400	SF	3	\$111,889	4885
<b>Note:</b> Asphalt drives around entire site is aged and weathered. See comments for S16. The two (2) drives adjacent to and parallel to east property line are extremely weathered and needs to be repaved and replaced. <b>Location:</b> Drive along east property line						
Asphalt Paving Replacement	Capital Renewal	1	CAR	4	\$1,451	4884
<b>Note:</b> Asphalt paving around entire site is aged and weathered. North parking areas and drop off loop appear to have been recently been resurfaced, but majority of paving will need replacement within the next Five (5) years. Area at southeast corner of band practice lot near portable building has large sediment buildup, needs to be regraded and repaved. <b>Location:</b> Southeast corner of band practice lot						
Backstop Replacement	Capital Renewal	1	Ea.	4	\$7,510	4883
<b>Note:</b> Baseball field batting cages north of baseball field are torn and ripped, needs repair.						
Exterior Basketball Goal Replacement	Capital Renewal	1	Ea.	4	\$6,653	4881
<b>Note:</b> Missing net on one hoop						
Fencing Replacement (4' Chain Link Fence)	Capital Renewal	20	LF	4	\$944	4879
<b>Location:</b> North Detention Pond Fencing						
Fencing Replacement (8' - 10' high Chain Link Fence)	Capital Renewal	100	LF	4	\$7,834	4880
<b>Note:</b> Several portions of chain link fence along the south property line of school are bent and leaning at angle due to damage cause by vegetation overgrowth, needs to be replaced. <b>Location:</b> Fence Along South Property Line						
Site Regrading And Gravel Fill	Deferred Maintenance	3,500	SF	4	\$9,924	4887
<b>Note:</b> Roof drains from building discharging into landscaped area north of basketball court are discharging at elevation lower than surrounding grade into small sump pits. Roof drain outlets should be reset and area should be regraded to direct flow to area grate inlet at center of lawn. Grate inlet needs to be cleaned to function properly. <b>Location:</b> Landscape North of basketball court						
Tennis Courts, Nets, And Equipment Replacement	Capital Renewal	1	Ea.	4	\$74,278	4882
<b>Note:</b> Tennis nets and equipment is in good condition but dirty.						
Bollard Replacement	Deferred Maintenance	1	Ea.	5	\$1,244	4889
<b>Note:</b> Bollard around one of the electrical poles in band practice lot is damaged. Needs to be repaired for safety. <b>Location:</b> Electrical pole in band practice lot.						
Paving Restriping	Deferred Maintenance	55	CAR	5	\$1,829	4886
<b>Note:</b> Striping in parking lot north of the practice band lot, as well as portions of the practice band lot are faded and confusing. Should be restriped. <b>Location:</b> Parking lot north of band practice lot						
PROGRAM DEFICIENCIES	ADA Compliance	647,086	EACH	5	\$1,111,034	4877
PUBLIC DEFICIENCIES	ADA Compliance	453,265	EACH	5	\$778,247	4876
Small Bench Replacement	Deferred Maintenance	1	Ea.	5	\$2,067	4888
<b>Note:</b> Bench seating in bleachers north of the track are in good conditions, but there is a tree growing through the benches and supports, causing a safety hazard. Tree should be removed and bleachers should be repaired. <b>Location:</b> Bleachers north of track						
TAS ACCESSIBILITY DEFICIENCIES	ADA Compliance	386,007	EACH	5	\$498,321	4878
		<b>Sub Total for System</b>	<b>14 items</b>		<b>\$2,613,225</b>	

#### Structural

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Structural Study Recommended	Deferred Maintenance	2	Job	1	\$12,910	6748
<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 items</b>		<b>\$12,910</b>	
		<b>Sub Total for School and Site Level</b>	<b>15 items</b>		<b>\$2,626,135</b>	

**Building: 007A - Main building includes Administration Offices, Classrooms, Cafeteria, Theater & Gym.**
**Roofing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
AISD ROOFING P1	Capital Renewal	288,357	EACH	1	\$303,265	4872
AISD ROOFING P2	Capital Renewal	1,790,220	EACH	1	\$1,882,776	4873
AISD ROOFING P3	Capital Renewal	778,019	EACH	1	\$818,243	4874
AISD ROOFING P4	Capital Renewal	2,952,692	EACH	1	\$3,105,349	4875
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$6,109,634</b>	

**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Aluminum Storefront Exterior Door Replacement <b>Note:</b> Rusted and do not shut completely	Capital Renewal	40	Door	2	\$158,759	2131
Aluminum Window Replacement <b>Note:</b> replace all 30 windows cause is deterioradion end of life <b>Location:</b> south side of building corridor to 200/300 block	Capital Renewal	840	SF	2	\$83,771	5946
Brick Exterior Replacement (Bldg SF) <b>Note:</b> cracked/kitchen. exterior door on north side; soffit height at south side of math wing (100 block)	Capital Renewal	100	SF	2	\$2,809	2123
Hardi-Plank Exterior Replacement (Bldg SF) <b>Note:</b> water damage, missing soffit, rusting/ kitchen soffit; southeast side of bldg soffit; exit on east by 500 block	Capital Renewal	1,200	SF	2	\$9,060	2126
Steel Window Replacement <b>Note:</b> Rusted, Library Courtyard	Capital Renewal	27	SF	2	\$3,903	2128
Wood Window Replacement <b>Note:</b> chipped and need to be refinished	Capital Renewal	84	SF	2	\$12,557	6028
Wood Window Repair <b>Note:</b> metal louvers, repaint <b>Location:</b> various on roof	Deferred Maintenance	4	Ea.	3	\$2,401	5947
Wood Window Repair <b>Note:</b> metal louvers, repaint <b>Location:</b> various on roof	Deferred Maintenance	5	Ea.	3	\$3,001	5948
CMU Wall Replacement (Bldg SF) <b>Note:</b> cracked window sill/various	Capital Renewal	300	SF	4	\$6,748	2125
<b>Sub Total for System</b>		<b>9</b>	<b>items</b>		<b>\$283,010</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Door Hardware Replacement <b>Note:</b> broken and loose (various)	Capital Renewal	34	Door	3	\$50,477	2155
Interior Door Replacement <b>Note:</b> broken and cracked	Capital Renewal	20	Door	3	\$37,512	2151
Interior Door Replacement <b>Note:</b> broken peeling	Capital Renewal	76	Door	3	\$142,546	2153
Acoustical Ceiling Tile Replacement <b>Note:</b> Broken, sagging and stained (various)	Capital Renewal	90,036	SF	4	\$304,029	2132
Acoustical Ceiling Tile Replacement <b>Note:</b> broken, sagging ands various are stained	Capital Renewal	45,018	SF	4	\$152,015	2133
Ceramic Tile Flooring Replacement <b>Note:</b> broken, cracked, lose (various)	Capital Renewal	3,376	SF	4	\$59,645	2140
Interior Ceramic Walls Repair or Replacement <b>Note:</b> cracked, loose, broken (various)	Capital Renewal	1,688	SF	4	\$14,013	2135
Interior Toilet Partition Repair	Deferred Maintenance	8	Ea.	4	\$16,132	2137
Metal Interior Door Replacement	Capital Renewal	14	Door	4	\$40,513	2148
Stone/Quarry Flooring Replacement <b>Note:</b> broken, cracked, lose (kitchen various)	Capital Renewal	1,500	SF	4	\$41,005	2141
Toilet Partition Replacement	Capital Renewal	10	Stall	4	\$20,165	2138

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Vinyl Composition Tile Replacement <b>Note:</b> broken, cracked, loose (various)	Capital Renewal	78,728	SF	4	\$643,815	2142
Wood Flooring Replacement <b>Note:</b> needs refreshing at stage 2	Capital Renewal	6,627	SF	4	\$142,745	2143
Interior Ceiling Repainting <b>Note:</b> peeling, flaking and fading	Deferred Maintenance	56,273	SF	5	\$117,194	2134
Interior Door Repainting	Deferred Maintenance	18	Door	5	\$803	2146
Interior Door Repainting	Deferred Maintenance	20	Door	5	\$892	2149
Interior Door Repainting	Deferred Maintenance	30	Door	5	\$1,338	2154
Interior Door Repair <b>Note:</b> repaint (corridors)	Deferred Maintenance	6	Door	5	\$3,873	2144
Interior Door Repair <b>Note:</b> broken and cracked	Deferred Maintenance	8	Door	5	\$5,164	2150
Interior Door Repair	Deferred Maintenance	7	Door	5	\$4,518	2152
Interior Doors Repair <b>Note:</b> Rusted and need adjustments	Deferred Maintenance	12	Door	5	\$7,746	2145
Interior Doors Repair <b>Note:</b> rusted and needs adjusting	Deferred Maintenance	6	Door	5	\$3,873	2147
Interior Toilet Partition Repainting <b>Note:</b> broken, refasten, rust (various)	Deferred Maintenance	800	SF Wall	5	\$8,345	2139
Interior Wall Repainting (Bldg SF) <b>Note:</b> peeling, fading, flaking (various)	Capital Renewal	86,660	SF	5	\$388,317	2136
<b>Sub Total for System</b>		<b>24</b>	<b>items</b>		<b>\$2,206,675</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Air Handler HVAC Component Replacement <b>Note:</b> obsolete past service	Capital Renewal	2	Ea.	2	\$345,591	6032
Air Handler HVAC Component Replacement <b>Note:</b> past serviceable life	Capital Renewal	3	Ea.	2	\$129,490	6033
Ductless Split System AC Replacement <b>Note:</b> broken/records	Capital Renewal	6	Ea.	2	\$28,481	2180
Ductwork Replacement (SF Basis)	Capital Renewal	112,000	SF	2	\$886,194	2189
Exterior Air Handler Replacement <b>Note:</b> past life/ roof	Capital Renewal	2	Ea.	2	\$202,681	2188
Exterior Air Handler Replacement <b>Note:</b> past serviceable life	Capital Renewal	2	Ea.	2	\$98,867	2197
Exterior Air Handler Replacement <b>Note:</b> past serviceable life	Capital Renewal	5	Ea.	2	\$720,632	6034
Exterior Air Handler Replacement <b>Note:</b> past serviceable life <b>Location:</b> roof	Capital Renewal	1	Ea.	2	\$101,341	6035
Fan Coil (Chilled Water) HVAC Component Replacement <b>Note:</b> broken/age/200 offices	Capital Renewal	3	Ea.	2	\$5,039	2181
HVAC VAV Box Replacement	Capital Renewal	5	Ea.	2	\$19,369	2193
HVAC VAV Box Replacement	Capital Renewal	15	Ea.	2	\$58,108	2194
Mechanical / HVAC Piping / System Is Beyond Its Useful Life	Capital Renewal	112,000	SF	2	\$271,004	2186
Package Roof Top Unit Replacement	Capital Renewal	1	Ea.	2	\$15,909	6031
Steam/HW Unit Heater Replacement <b>Note:</b> lounge RR/age	Capital Renewal	1	Ea.	2	\$1,079	2177

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Unit Ventilator Replacement <b>Note:</b> Teachers RR/age	Capital Renewal	1	Ea.	2	\$10,844	2176
Duct Damper Replacement	Deferred Maintenance	20	Ea.	3	\$2,955	2192
Replace Variable Frequency Drive <b>Note:</b> missing parts/ electrical room	Capital Renewal	1	Ea.	3	\$8,817	2182
Small Diameter Exhausts/Hoods Replacement <b>Note:</b> broken/roof	Capital Renewal	5	Ea.	3	\$9,798	2199
Ceiling Exhaust Fan Replacement <b>Note:</b> extremely old	Capital Renewal	1	Ea.	4	\$487	2200
Existing Controls Are Obsolete	Capital Renewal	71,000	SF	4	\$242,734	2178
Duct Grill Replacement	Deferred Maintenance	70	Ea.	5	\$6,922	2191
Duct Register Replacement	Deferred Maintenance	70	Ea.	5	\$29,198	2190
<b>Sub Total for System</b>		<b>22</b>	<b>items</b>		<b>\$3,195,539</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Exterior Electrical Enclosure Replacement <b>Note:</b> Age- outside small courtyard	Deferred Maintenance	1	Ea.	2	\$715	2164
Panelboard Replacement <b>Note:</b> obsolete	Capital Renewal	5	Ea.	2	\$7,294	2157
Panelboard Replacement	Capital Renewal	1	Ea.	2	\$5,500	2159
Panelboard Replacement <b>Note:</b> obsolete, age room 407	Capital Renewal	1	Ea.	2	\$18,222	2161
Panelboard Replacement <b>Note:</b> obsolete <b>Location:</b> room 407	Capital Renewal	1	Ea.	2	\$2,782	6029
Panelboard Replacement <b>Note:</b> obsolete/age <b>Location:</b> outside of rooms 405,402b,205, and 202	Capital Renewal	4	Ea.	2	\$21,998	6030
Switchgear Replacement	Capital Renewal	1	Ea.	2	\$38,387	2163
Interior Power Wiring Replacement <b>Note:</b> Original wiring has aged poorly	Deferred Maintenance	180,000	SF	3	\$213,783	2165
Remove Abandoned Equipment <b>Note:</b> abandoned conduit wire on exterior of bldg	Deferred Maintenance	3	Ea.	4	\$13,071	2166
<b>Sub Total for System</b>		<b>9</b>	<b>items</b>		<b>\$321,752</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Water Heater Replacement <b>Note:</b> Home ED/ Age	Capital Renewal	1	Ea.	2	\$2,684	2167
Gas Water Heater Replacement <b>Note:</b> kitchen/age	Capital Renewal	2	Ea.	3	\$12,768	2168
Non-Refrigerated Drinking Fountain Replacement <b>Note:</b> age/corridors	Capital Renewal	4	Ea.	4	\$9,535	2174
Restroom Lavatories Plumbing Fixtures Replacement <b>Note:</b> restrooms cracked	Capital Renewal	3	Ea.	4	\$8,149	2170
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$33,135</b>	

**Specialties**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Metal Student Locker Repainting <b>Note:</b> flacking, paint chipping	Deferred Maintenance	300	Ea.	5	\$5,809	2156
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$5,809</b>	

**Crawlspace**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	29,230	Ea.	5	\$34,341	6749
<b>Note:</b> SOIL/DRAINAGE BELOW BUILDING - Unclog drain basin 1 LS						
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	319,106	Ea.	5	\$374,902	6750
<b>Note:</b> CRAWL SPACE ACCESS/VENTILATION - Increase ventilation 163,754 GSF						
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	38,974	Ea.	5	\$45,789	6751
<b>Note:</b> CRAWL SPACE ACCESS/VENTILATION - repair hatches & add ladder 14 EA						
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	113,966	Ea.	5	\$133,893	6752
<b>Note:</b> STANDARD FOUNDATIONS - repair hatches & add ladder 14 minor column repairs 163,754						
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	113,966	Ea.	5	\$133,893	6753
<b>Note:</b> SPECIAL FOUNDATIONS - minor honeycombing & exposed reinforcing						
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	227,933	Ea.	5	\$267,787	6754
<b>Note:</b> SUSPENDED FLOOR BEAMS - minor-major honeycombing & exposed reinforcing 163,754						
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	455,866	Ea.	5	\$535,575	6755
<b>Note:</b> SUSPENDED FLOOR SLABS - honeycombing, spalling & exposed reinforcing-various slab systems 163,754 GSF						
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	153,112	Ea.	5	\$179,884	6756
<b>Note:</b> CRAWL SPACE, EXPOSED PIPES - Replace rusted pipe, hangers and missing insulation, repair pipe leaks 1 LS						
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	69,596	Ea.	5	\$81,765	6757
<b>Note:</b> CRAWL SPACE, EQUIPMENT - Upgrade electrical 1 LS						
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	683,799	Ea.	5	\$803,362	6758
<b>Note:</b> CRAWL SPACE, INSULATION - CRAWL SPACE, INSULATION 163,754 GSF						
	<b>Sub Total for System</b>		<b>10 items</b>		<b>\$2,591,190</b>	
<b>Sub Total for Building 007A - Main building includes Administration Offices, Classrooms, Cafeteria, Theater &amp; Gym.</b>			<b>83 items</b>		<b>\$14,746,745</b>	

**Building: 007B - Stand-Alone Gym - Big, Small, & Dance gyms (includes Weight Room, Lockers & Showers)**
**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Aluminum Window Replacement	Capital Renewal	126	SF	2	\$12,566	2207
<b>Note:</b> end of life/everywhere						
Aluminum Window Replacement	Capital Renewal	35	SF	2	\$3,490	2208
<b>Note:</b> end of life/ mrrgym						
Brick Exterior Replacement (Bldg SF)	Capital Renewal	200	SF	2	\$5,619	2202
<b>Note:</b> cracked/ east side of big gym						
Metal Exterior Door Replacement	Capital Renewal	4	Door	2	\$14,828	2212
<b>Note:</b> rust ahu 5+6 roof						
Steel Window Replacement	Capital Renewal	126	SF	2	\$18,212	2210
<b>Note:</b> end of life ahu 6, ahu 5, roof at small gym						
Wood Exterior Door Replacement	Capital Renewal	3	Door	2	\$9,491	2213
<b>Note:</b> chipped/AHU 4 entry at WCOFC+WSOCCOFC						
Wood Window Replacement	Capital Renewal	30	SF	2	\$4,485	2211
<b>Note:</b> end of life/ gtck rm 1+2						
Exterior Painting	Capital Renewal	700	SF Wall	5	\$913	2206
<b>Note:</b> chipping on south big gym						
	<b>Sub Total for System</b>		<b>8 items</b>		<b>\$69,603</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Door Replacement <b>Note:</b> broken, warped, delaminated	Capital Renewal	14	Door	3	\$26,258	2222
Interior Door Replacement	Capital Renewal	12	Door	3	\$22,507	2224
Acoustical Ceiling Tile Replacement <b>Note:</b> broken, sagging in various locations	Capital Renewal	4,310	SF	4	\$14,554	2214
Interior Toilet Partition Repair <b>Note:</b> rusted, broken	Deferred Maintenance	8	Ea.	4	\$16,132	2217
Toilet Partition Replacement <b>Note:</b> rusted, broken	Capital Renewal	28	Stall	4	\$56,462	2218
Vinyl Composition Tile Replacement <b>Note:</b> Loose, broken and cracked	Capital Renewal	1,478	SF	4	\$12,087	2220
Interior Ceiling Repainting <b>Note:</b> flaking, stained	Deferred Maintenance	6,158	SF	5	\$12,825	2215
Interior Door Repainting	Deferred Maintenance	12	Door	5	\$535	2223
Interior Door Repainting <b>Note:</b> broken, warped, delaminated, chipped, cracked	Deferred Maintenance	8	Door	5	\$357	2226
Interior Door Repair <b>Note:</b> broken, warped, delaminated	Deferred Maintenance	1	Door	5	\$645	2221
Interior Door Repair <b>Note:</b> broken, warped, delaminated, chipped, cracked	Deferred Maintenance	2	Door	5	\$1,291	2225
Interior Wall Repainting <b>Note:</b> flaking and chipping in various locations	Deferred Maintenance	4,926	SF Wall	5	\$11,065	2216
<b>Sub Total for System</b>		<b>12</b>	<b>items</b>		<b>\$174,718</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Air Handler HVAC Component Replacement <b>Note:</b> Age/ past serviceable life	Capital Renewal	3	Ea.	2	\$257,876	2238
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$257,876</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Panelboard Replacement <b>Note:</b> AHU-6 RM Obsolete	Capital Renewal	1	Ea.	2	\$2,782	2228
Panelboard Replacement <b>Note:</b> panel not locked and bus bar exposed - life safety- next to corridor	Capital Renewal	2	Ea.	2	\$10,999	2230
Electrical Receptacle Replacement <b>Note:</b> wall and boxes exposed	Capital Renewal	3	Ea.	3	\$401	2232
Interior Power Wiring Replacement <b>Note:</b> original wiring has aged	Deferred Maintenance	40,000	SF	3	\$47,507	2234
Lightning Protection System Installation	Functional Deficiency	49,266	SF	3	\$38,473	2233
Remove Abandoned Equipment <b>Note:</b> abandoned conduit	Deferred Maintenance	1	Ea.	4	\$4,357	2235
<b>Sub Total for System</b>		<b>6</b>	<b>items</b>		<b>\$104,519</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Custodial Mop Or Service Sink Replacement <b>Note:</b> age/janitor closet	Capital Renewal	2	Ea.	4	\$1,592	2236
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$1,592</b>	

**Specialties**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Metal Gym Locker Replacement	Capital Renewal	25	Ea.	4	\$12,137	2227
<b>Note:</b> women's loc 1+2 no functioning doors or locks						
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$12,137</b>	

**Crawlspace**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	58,020	Ea.	5	\$68,165	6759
<b>Note:</b> SOIL/DRAINAGE BELOW BUILDING - Improve grading as needed		37,894	GSF			
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	105,491	Ea.	5	\$123,936	6760
<b>Note:</b> CRAWL SPACE ACCESS/VENTILATION - Increase ventilation		37,894	GSF			
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	16,703	Ea.	5	\$19,624	6761
<b>Note:</b> CRAWL SPACE ACCESS/VENTILATION - repair hatches		6	EA			
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	52,746	Ea.	5	\$61,969	6762
<b>Note:</b> STANDARD FOUNDATIONS - minor column repairs		37,894	GSF			
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	52,746	Ea.	5	\$61,969	6763
<b>Note:</b> SPECIAL FOUNDATIONS - minor honeycombing & exposed reinforcing		37,894				
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	79,118	Ea.	5	\$92,952	6764
<b>Note:</b> minor honeycombing & exposed reinforcing		37,894	GSF			
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	105,491	Ea.	5	\$123,936	6765
<b>Note:</b> SUSPENDED FLOOR SLABS - honeycombing, spalling & exposed reinforcing		37,894	GSF			
CRAWL SPACE DEFICIENCIES - Estimate and Info by AISD	Deferred Maintenance	65,977	Ea.	5	\$77,513	6766
<b>Note:</b> CRAWL SPACE, EXPOSED PIPES - Replace rusted pipe, hangers and missing insulation		1	LS			
<b>Sub Total for System</b>		<b>8</b>	<b>items</b>		<b>\$630,063</b>	
<b>Sub Total for Building 007B - Stand-Alone Gym - Big, Small, &amp; Dance gyms (includes Weight Room, Lockers &amp; Showers)</b>		<b>37</b>	<b>items</b>		<b>\$1,250,509</b>	

**Building: 007C - Stand-Alone Weight Room**
**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Metal Exterior Door Replacement	Capital Renewal	4	Door	2	\$14,828	2258
<b>Note:</b> Rusted						
<b>Location:</b> East side						
Metal Panel Exterior Repair	Deferred Maintenance	100	SF Wall	3	\$896	2254
<b>Note:</b> Dented and rusted						
<b>Location:</b> West side						
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$15,724</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Door Replacement	Capital Renewal	4	Door	3	\$7,502	2247
<b>Note:</b> Chipped						
<b>Location:</b> Bathrooms and storage						
Ceramic Tile Flooring Replacement	Capital Renewal	30	SF	4	\$530	2246
<b>Note:</b> Missing						
<b>Location:</b> Girls restroom						
Interior Wood Wall Replacement (LC)	Capital Renewal	402	SF	4	\$6,304	2241
<b>Location:</b> Storage and restroom						
Interior Wall Repainting	Deferred Maintenance	2,000	SF Wall	5	\$4,493	2242
<b>Note:</b> Chipping						
<b>Location:</b> Storage NW and Main - South wall						
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$18,829</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Ductwork Replacement (SF Basis) <b>Note:</b> Age <b>Location:</b> Throughout building	Capital Renewal	6,000	SF	2	\$47,475	2272
Gas Piping Replacement (SF Basis) <b>Note:</b> Estimated	Capital Renewal	300	SF	2	\$10,403	2264
Gas Unit Heater Replacement <b>Note:</b> Very old <b>Location:</b> Weightroom	Capital Renewal	3	Ea.	2	\$9,938	2270
Thru Wall AC Replacement <b>Note:</b> Very old <b>Location:</b> South exterior	Capital Renewal	1	Ea.	2	\$7,591	2271
<b>Sub Total for System</b>		<b>4 items</b>			<b>\$75,406</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Power Wiring Replacement <b>Note:</b> Age, original wiring	Deferred Maintenance	6,500	SF	3	\$7,720	2262
Lightning Protection System Installation	Functional Deficiency	8,048	SF	3	\$6,285	2261
<b>Sub Total for System</b>		<b>2 items</b>			<b>\$14,005</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Fire Sprinklers Piping Replacement <b>Note:</b> Estimated	Capital Renewal	150	LF	1	\$9,711	2276
Gas Water Heater Replacement <b>Note:</b> Past service <b>Location:</b> East mechanical room	Capital Renewal	1	Ea.	3	\$3,458	2263
Plumbing / Domestic Water Piping System Is Beyond Its Useful Life <b>Note:</b> Estimated	Capital Renewal	800	SF	3	\$2,875	2265
Sanitary Sewer Piping Replacement	Capital Renewal	600	SF	3	\$666	2266
Shower Replacement <b>Note:</b> Very old <b>Location:</b> All bathrooms	Capital Renewal	5	Ea.	3	\$6,532	2267
Non-Refrigerated Drinking Fountain Replacement <b>Note:</b> Self constructed <b>Location:</b> West exterior	Capital Renewal	1	Ea.	4	\$2,384	2268
Refrigerated Water Cooler Replacement <b>Note:</b> Broken <b>Location:</b> Weightroom	Capital Renewal	1	Ea.	4	\$2,202	2269
<b>Sub Total for System</b>		<b>7 items</b>			<b>\$27,829</b>	

**Fire and Life Safety**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Fire Alarm Is Missing	Capital Renewal	8,048	SF	1	\$24,618	2260
Fire Sprinkler System Replacement (SF Basis) <b>Note:</b> Very old <b>Location:</b> Cart storage	Capital Renewal	2,000	SF	1	\$20,836	2273
Fire Sprinklers Head Replacement <b>Note:</b> Estimated	Capital Renewal	20	Ea.	1	\$7,126	2274
<b>Sub Total for System</b>		<b>3 items</b>			<b>\$52,580</b>	
<b>Sub Total for Building 007C - Stand-Alone Weight Room</b>		<b>22 items</b>			<b>\$204,373</b>	



**Building: 007D - Mechanical Building (Pump Room)**
**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Metal Exterior Door Replacement <b>Note:</b> Inoperable and rusted <b>Location:</b> Front entry	Capital Renewal	2	Door	2	\$7,414	2281
Metal Panel Exterior Replacement (Bldg SF) <b>Note:</b> Rusted <b>Location:</b> Base of entire structure	Capital Renewal	492	SF	2	\$1,757	2279
Aluminum Window Repair <b>Note:</b> Paint chipping and bent <b>Location:</b> West side	Deferred Maintenance	1	Ea.	3	\$602	2280
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$9,773</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Electric Unit Heater Replacement <b>Note:</b> Age	Capital Renewal	1	Ea.	2	\$938	1996
Circulation Pump Replacement <b>Note:</b> age <b>Location:</b> floor	Capital Renewal	1	Ea.	3	\$11,561	6021
Circulation Pump Replacement <b>Note:</b> age <b>Location:</b> floor	Capital Renewal	1	Ea.	3	\$14,381	6022
Ceiling Exhaust Fan Replacement <b>Note:</b> Age/Backwall	Capital Renewal	1	Ea.	4	\$487	1998
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$27,366</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Power Wiring Replacement <b>Note:</b> Age - original wiring	Deferred Maintenance	492	SF	3	\$584	2287
Lightning Protection System Installation	Functional Deficiency	492	SF	3	\$384	2286
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$969</b>	

**Fire and Life Safety**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Fire Alarm Is Missing	Capital Renewal	492	SF	1	\$1,505	2285
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$1,505</b>	
<b>Sub Total for Building 007D - Mechanical Building (Pump Room)</b>		<b>10</b>	<b>items</b>		<b>\$39,613</b>	

**Building: 007E - Stand-Alone Boiler House**
**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Aluminum Window Replacement <b>Note:</b> end of life/cracked glass/ replace all 4 windows	Capital Renewal	144	SF	2	\$399	2008
Aluminum Window Replacement <b>Note:</b> end of life/cracked glass	Capital Renewal	81	SF	2	\$100	2009
Aluminum Window Replacement <b>Note:</b> Broken/front entry	Capital Renewal	36	SF	2	\$100	2010
Brick Exterior Replacement (Bldg SF) <b>Note:</b> Chipped/ Corners of oldinc; Rusted metal at oldinc entry (20 LF) rusted metal at front entry (30 LF) Observed structural integrity, removed chipped paint w/ gov. paint	Capital Renewal	20	SF	2	\$562	2004
Metal Panel Exterior Replacement (Bldg SF) <b>Note:</b> dented throughout	Capital Renewal	100	SF	2	\$357	2057
Wood Exterior Door Replacement <b>Note:</b> chipped/front entry	Capital Renewal	1	Door	2	\$3,164	2011
<b>Sub Total for System</b>		<b>6</b>	<b>items</b>		<b>\$4,681</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Door Hardware Replacement <b>Note:</b> Missing and inoperable <b>Location:</b> Bathroom and storage	Capital Renewal	2	Door	3	\$2,969	2289
Interior Door Repainting <b>Note:</b> Scuffs, nicks, stains and fading <b>Location:</b> Bathroom and storage	Deferred Maintenance	2	Door	5	\$89	2288
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$3,058</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Mechanical / HVAC Piping / System Is Beyond Its Useful Life	Capital Renewal	120	SF	2	\$290	6025
Circulation Pump Replacement <b>Note:</b> Age/Wasterwall	Capital Renewal	1	Ea.	3	\$11,561	2045
Circulation Pump Replacement <b>Note:</b> Broken/Entry Way	Capital Renewal	1	Ea.	3	\$14,381	2047
Remove Abandoned Equipment <b>Note:</b> comments impossible to read	Deferred Maintenance	1	Ea.	5	\$1,239	2052
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$27,472</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Canopy Lighting Replacement <b>Note:</b> age/exposed	Capital Renewal	1	Ea.	3	\$2,083	6024
Interior Power Wiring Replacement <b>Note:</b> Age- Original Wiring	Deferred Maintenance	2,273	SF	3	\$2,700	2017
Incandescent Lighting Replacement <b>Note:</b> Age - Gates open room at back	Capital Renewal	2	Ea.	4	\$1,313	2018
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$6,095</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Sanitary Sewer Piping Replacement <b>Note:</b> estimated	Capital Renewal	2,273	SF	3	\$2,524	2019
Toilet Replacement <b>Note:</b> Condition/RR	Capital Renewal	1	Ea.	3	\$5,059	2021
Restroom Lavatories Plumbing Fixtures Replacement <b>Note:</b> Condition/ RR	Capital Renewal	1	Ea.	4	\$2,716	2020
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$10,299</b>	

**Fire and Life Safety**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Fire Alarm Is Missing	Capital Renewal	2,273	SF	1	\$6,953	6023
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$6,953</b>	

**Specialties**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Replace Cabinetry In Classes/Labs <b>Note:</b> Inoperable doors, beyond repair <b>Location:</b> Storage	Capital Renewal	1	Room	4	\$8,802	2290
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$8,802</b>	
<b>Sub Total for Building 007E - Stand-Alone Boiler House</b>		<b>20</b>	<b>items</b>		<b>\$67,360</b>	

**Building: 007F - Mechanical Building**
**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Exterior Metal Door Repainting <b>Note:</b> Sun bleached/ North Side	Deferred Maintenance	2	Door	3	\$230	2059

**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Metal Panel Exterior Repair	Deferred Maintenance	100	SF Wall	3	\$896	2084
<b>Note:</b> dents throughout						
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$1,126</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Gas Unit Heater Replacement	Capital Renewal	1	Ea.	2	\$2,861	2093
Wall Exhaust Fan Ventilation Replacement	Capital Renewal	2	Ea.	4	\$9,463	2094
<b>Note:</b> Age/East Wall						
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$12,324</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Power Wiring Replacement	Deferred Maintenance	1,600	SF	3	\$1,900	2091
<b>Note:</b> Aging, original wiring						
Lightning Protection System Installation	Functional Deficiency	1,600	SF	3	\$1,249	2090
Lightning Protection System Installation	Functional Deficiency	1,600	SF	3	\$1,249	6027
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$4,399</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Sanitary Sewer Piping Replacement	Capital Renewal	1,600	SF	3	\$1,776	2092
<b>Note:</b> estimated						
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$1,776</b>	

**Fire and Life Safety**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Fire Alarm Is Missing	Capital Renewal	1,600	SF	1	\$4,894	2089
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$4,894</b>	
<b>Sub Total for Building 007F - Mechanical Building</b>		<b>9</b>	<b>items</b>		<b>\$24,519</b>	

**Building: 007G - Restrooms and Storage**
**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Metal Panel Exterior Repair	Deferred Maintenance	400	SF Wall	3	\$3,584	2097
<b>Note:</b> repaint! Sunbleached; Eastside						
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$3,584</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Lightning Protection System Installation	Functional Deficiency	1,600	SF	3	\$1,249	2101
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$1,249</b>	

**Fire and Life Safety**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Fire Alarm Is Missing	Capital Renewal	1,600	SF	1	\$4,894	2099
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$4,894</b>	
<b>Sub Total for Building 007G - Restrooms and Storage</b>		<b>3</b>	<b>items</b>		<b>\$9,727</b>	
<b>Total for Campus</b>		<b>199</b>	<b>items</b>		<b>\$18,968,981</b>	

## Travis ECHS - 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)	2,775	LF	\$130,973	5
Fences and Gates	Fencing - Chain Link (8-10 Ft)	5,175	LF	\$405,435	5
Parking Lot Pavement	Asphalt	325	CAR	\$471,511	5
Roadway Pavement	Asphalt Driveways	56,375	SF	\$362,515	5
Roadway Pavement	Concrete Driveways	13,425	SF	\$167,592	10
<b>Sub Total for System</b>		<b>5</b>	<b>items</b>	<b>\$1,538,026</b>	

#### Electrical

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Parking Lot Lighting	Pole Lighting	13	Ea.	\$75,656	5
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$75,656</b>	
<b>Sub Total for Building -</b>		<b>6</b>	<b>items</b>	<b>\$1,613,682</b>	

### Building: 007A - Main building includes Administration Offices, Classrooms, Cafeteria, Theater & Gym.

#### Exterior

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Entrance Doors	Steel - Insulated and Painted	29	Door	\$107,503	2
Exterior Operating Windows	Aluminum - Windows per SF	216	SF	\$21,541	4
Exterior Operating Windows	Wood - Windows per SF	84	SF	\$12,557	4
<b>Note:</b> 3 of 4' X 7'					
Exterior Wall Veneer	Fiber Cement (Bldg SF)	11,255	SF	\$84,976	4
Exterior Entrance Doors	Wooden Door	6	Door	\$18,981	4
<b>Note:</b> Chipped/ front entry					
Exterior Wall Veneer	Brick - Bldg SF basis	168,818	SF	\$4,742,871	5
Exterior Operating Windows	Wood - Windows per SF	60	SF	\$8,970	5
Exterior Operating Windows	Wood - Windows per SF	350	SF	\$52,323	5
Exterior Operating Windows	Wood - Windows per SF	64	SF	\$9,568	5
Exterior Operating Windows	Wood - Windows per SF	320	SF	\$47,838	5
Exterior Wall Veneer	CMU - Bldg SF Basis	11,255	SF	\$253,159	10
Exterior Operating Windows	Aluminum - Windows per SF	1,152	SF	\$114,885	10
Exterior Operating Windows	Aluminum - Windows per SF	2,520	SF	\$251,312	10
Exterior Operating Windows	Aluminum - Windows per SF	12,996	SF	\$1,296,051	10
Exterior Operating Windows	Aluminum - Windows per SF	1,752	SF	\$174,722	10
Exterior Entrance Doors	Steel - Insulated and Painted	25	Door	\$92,675	10
<b>Sub Total for System</b>		<b>16</b>	<b>items</b>	<b>\$7,289,930</b>	

#### Interior

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	90,036	SF	\$304,029	3
Suspended Plaster and	Painted ceilings	56,273	SF	\$117,194	3
Resilient Flooring	Vinyl Composition Tile Flooring	78,782	SF	\$644,257	3
Interior Swinging Doors	Metal Door (Steel)	34	Door	\$98,390	3
Interior Swinging Doors	Wooden Door	113	Door	\$211,943	3
Interior Door Supplementary Components	Door Hardware	34	Door	\$50,477	3
Acoustical Suspended Ceilings	Ceilings - Acoustical Grid System	90,036	SF	\$374,932	3
Wall Painting and Coating	Painting/Staining (Bldg SF)	123,800	SF	\$554,738	4
Carpeting	Carpet	33,764	SF	\$427,458	4
Tile Flooring	Ceramic Tile	22,509	SF	\$397,673	5
Tile Flooring	Quarry Tile	11,255	SF	\$307,675	5
Interior Swinging Doors	Storefront door (Aluminum/Glass)	14	Door	\$50,696	5
Interior Swinging Doors	Metal Door (Steel)	50	Door	\$144,691	5
Interior Swinging Doors	Wooden Door	198	Door	\$371,369	5
Interior Coiling Doors	Interior Overhead Doors	4	Ea.	\$21,146	5
Carpeting	Carpet	11,255	SF	\$142,490	6
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	45,018	SF	\$152,015	8
Acoustical Suspended Ceilings	Ceilings - Acoustical Grid System	45,018	SF	\$187,466	8

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Compartments and Cubicles	Toilet Partitions	38	Stall	\$76,626	10
Wood Flooring	Wood Flooring - All Types	11,255	SF	\$242,432	10
<b>Sub Total for System</b>		<b>20</b>	<b>items</b>	<b>\$4,877,695</b>	

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Other HVAC Distribution Systems	VFD (7.5 HP)	2	Ea.	\$10,446	1
Decentralized Cooling	Condenser - Inside Air Cooled (3 ton)	3	Ea.	\$19,268	1
Other HVAC Distribution Systems	VFD (20 HP)	1	Ea.	\$8,817	1
Decentralized Cooling	Condenser - Inside Air Cooled (5 ton)	4	Ea.	\$39,891	2
Other HVAC Distribution Systems	VFD (5 HP)	3	Ea.	\$13,179	2
Exhaust Air	Roof Exhaust Fan - Large	15	Ea.	\$120,544	2
HVAC Air Distribution	AHU 5,000 CFM Interior	1	Ea.	\$43,163	3
HVAC Air Distribution	AHU 5,000 CFM Outdoor	1	Ea.	\$49,434	3
Other HVAC Distribution Systems	VFD (10 HP)	1	Ea.	\$5,707	3
HVAC Air Distribution	AHU 5,000 CFM Outdoor	2	Ea.	\$98,867	4
Exhaust Air	Roof Exhaust Fan - Small	3	Ea.	\$5,879	4
HVAC Air Distribution	Roof Top Unit - DX Gas (15 Ton)	1	Ea.	\$31,723	5
HVAC Air Distribution	Roof Top Unit - DX Gas (5 Ton)	2	Ea.	\$31,818	5
Exhaust Air	Roof Exhaust Fan - Small	8	Ea.	\$15,677	5
Exhaust Air	Roof Exhaust Fan - Large	1	Ea.	\$8,036	5
Other HVAC Distribution Systems	VFD (7.5 HP)	1	Ea.	\$5,223	6
HVAC Air Distribution	AHU 10,000 CFM Outdoor	3	Ea.	\$304,022	6
HVAC Air Distribution	AHU 5,000 CFM Outdoor	1	Ea.	\$49,434	8
HVAC Air Distribution	AHU 5,000 CFM Outdoor	9	Ea.	\$444,902	8
Other HVAC Distribution Systems	VFD (7.5 HP)	4	Ea.	\$20,893	10
HVAC Air Distribution	AHU 5,000 CFM Interior	2	Ea.	\$86,327	10
HVAC Air Distribution	AHU 15,000 CFM Outdoor	1	Ea.	\$144,126	10
Heating System Supplementary Components	Controls - Pneumatic (Bldg.SF)	71,000	SF	\$242,734	10
Heating System Supplementary Components	Controls - DDC (Bldg.SF)	71,000	SF	\$191,503	10
Heating System Supplementary Components	Controls - Electronic (Bldg.SF)	71,000	SF	\$109,862	10
Other HVAC Distribution Systems	VFD (20 HP)	1	Ea.	\$8,817	10
Facility Hydronic Distribution	4-Pipe System	225,091	SF	\$544,647	10
HVAC Air Distribution	AHU 10,000 CFM Interior	2	Ea.	\$171,918	10
HVAC Air Distribution	VAV Boxes / Terminal Device	225	Ea.	\$871,617	10
Exhaust Air	Roof Exhaust Fan - Large	15	Ea.	\$120,544	10
<b>Sub Total for System</b>		<b>30</b>	<b>items</b>	<b>\$3,819,019</b>	

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Packaged Generator Assemblies	Exterior Electrical Enclosure	1	Ea.	\$715	2
Power Distribution	Panelboard - 120/208 100A	1	Ea.	\$2,782	2
Power Distribution	Panelboard - 120/208 225A	4	Ea.	\$21,998	2
Power Distribution	Power Wiring	225,091	SF	\$267,337	4
Power Distribution	Panelboard - 120/208 225A	5	Ea.	\$27,498	4
Power Distribution	Panelboard - 120/208 225A	1	Ea.	\$5,500	4
Power Distribution	Panelboard - 120/208 125A	1	Ea.	\$1,459	4
Power Distribution	Panelboard - 120/208 100A	1	Ea.	\$2,782	4
Power Distribution	Distribution Panels (800 Amps)	1	Ea.	\$18,564	5
Power Distribution	Panelboard - 277/480 100A	4	Ea.	\$26,754	5
Audio-Video Systems	PA Communications No Head Unit (Bldg SF)	225,091	SF	\$159,337	5
Distributed Systems	Public Address System Head End Unit	1	Ea.	\$7,307	5
Power Distribution	Panelboard - 277/480 100A	1	Ea.	\$6,688	5
Electrical Service	Transformer (15 KVA)	1	Ea.	\$5,358	8
Power Distribution	Panelboard - 120/208 100A	1	Ea.	\$2,782	8
Power Distribution	Panelboard - 120/208 100A	1	Ea.	\$2,782	8
Lighting Fixtures	Light Fixtures (Bldg SF)	225,091	SF	\$4,127,841	10
<b>Sub Total for System</b>		<b>17</b>	<b>items</b>	<b>\$4,687,483</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Domestic Water Equipment	Backflow Preventers - 3/4 in. (Ea.)	3	Ea.	\$2,636	1
Domestic Water Equipment	Gas Piping System (BldgSF)	225,091	SF	\$7,805,090	1
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)	225,091	SF	\$808,916	1
Sanitary Sewerage Piping	Sanitary Sewer Piping	225,091	SF	\$249,902	1
Plumbing Fixtures	Classroom Lavatory	70	Ea.	\$179,515	3
Plumbing Fixtures	Sink - Service / Mop Sink	8	Ea.	\$6,367	3
Plumbing Fixtures	Toilets	10	Ea.	\$50,594	4
Domestic Water Equipment	Water Heater - Electric - 52 gallon	4	Ea.	\$10,736	5
Plumbing Fixtures	Classroom Lavatory	27	Ea.	\$69,241	5
Plumbing Fixtures	Showers	4	Ea.	\$5,226	5
Plumbing Fixtures	Toilets	2	Ea.	\$10,119	5
Plumbing Fixtures	Urinals	17	Ea.	\$23,022	5
Plumbing Fixtures	Restroom Lavatory	44	Ea.	\$119,517	5
Plumbing Fixtures	Toilets	58	Ea.	\$293,444	5
Plumbing Fixtures	Refrigerated Drinking Fountain	4	Ea.	\$8,810	5
Domestic Water Equipment	Water Heater - Gas - 100 Gallon	1	Ea.	\$6,384	8
Domestic Water Equipment	Water Heater - Electric - 52 gallon	1	Ea.	\$2,684	10
Domestic Water Equipment	Water Heater - Gas - 100 Gallon	2	Ea.	\$12,768	10
Plumbing Fixtures	Non-Refrigerated Drinking Fountain	4	Ea.	\$9,535	10
<b>Sub Total for System</b>		<b>19</b>	<b>items</b>	<b>\$9,674,504</b>	

**Fire and Life Safety**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Water-Based Fire-Suppression	Fire Pump	1	Ea.	\$49,294	4
Security System Component	Security Alarm System	225,091	SF	\$518,096	5
Fire Detection and Alarm	Fire Alarm	225,091	SF	\$357,404	9
Fire Detection and Alarm	Fire Alarm Panel	13	Ea.	\$89,283	9
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>	<b>\$1,014,077</b>	

**Conveyances**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Elevators	Traction (Passenger Elev)	1	Ea.	\$204,405	5
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$204,405</b>	

**Specialties**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Casework	Lockers	1,363	Ea.	\$726,133	5
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$726,133</b>	
<b>Sub Total for Building 007A - Main building includes Administration Offices, Classrooms, Cafeteria, Theater &amp; Gym.</b>		<b>108</b>	<b>items</b>	<b>\$32,293,246</b>	

**Building: 007B - Stand-Alone Gym - Big, Small, & Dance gyms (includes Weight Room, Lockers & Showers)**
**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Aluminum - Windows per SF	126	SF	\$12,566	1
Exterior Operating Windows	Aluminum - Windows per SF	35	SF	\$3,490	1
Exterior Operating Windows	Wood - Windows per SF	30	SF	\$4,485	1
Exterior Operating Windows	Steel - Windows per SF	126	SF	\$18,212	2
Exterior Entrance Doors	Steel - Insulated and Painted	7	Door	\$25,949	2
Exterior Wall Veneer	Exterior Painting - Bldg SF basis	985	SF	\$1,724	4
Exterior Wall Veneer	Brick - Bldg SF basis	39,413	SF	\$1,107,292	5
Exterior Wall Veneer	CMU - Bldg SF Basis	4,927	SF	\$110,823	5
Exterior Wall Veneer	Metal Panel - Bldg SF basis	4,927	SF	\$17,600	5
Exterior Entrance Doors	Wooden Door	3	Door	\$9,491	8
Exterior Entrance Doors	Steel - Insulated and Painted	12	Door	\$44,484	10
<b>Sub Total for System</b>		<b>11</b>	<b>items</b>	<b>\$1,356,115</b>	

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Interior Swinging Doors	Metal Door (Steel)	45	Door	\$130,222	5
Interior Swinging Doors	Wooden Door	58	Door	\$108,785	5
Carpeting	Carpet	2,463	SF	\$31,182	6
Wall Painting and Coating	Painting/Staining (Bldg SF)	24,633	SF	\$110,379	7

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	17,243	SF	\$58,225	8
Suspended Plaster and	Painted ceilings	24,633	SF	\$51,301	8
Compartments and Cubicles	Toilet Partitions	46	Stall	\$92,758	8
Resilient Flooring	Vinyl Composition Tile Flooring	9,853	SF	\$80,575	9
Athletic Flooring	Athletic/Sport Flooring	4,927	SF	\$75,587	10
Wood Flooring	Wood Flooring - All Types	9,853	SF	\$212,233	10
Interior Swinging Doors	Storefront door (Aluminum/Glass)	12	Door	\$43,454	10
<b>Sub Total for System</b>		<b>11</b>	<b>items</b>	<b>\$994,700</b>	

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Central Cooling	Chiller - Outdoor Air Cooled (175 Tons)	1	Ea.	\$191,385	2
HVAC Air Distribution	Ductwork (Bldg.SF)	30,000	SF	\$237,373	3
Heating System Supplementary Components	Controls - Pneumatic (Bldg.SF)	29,266	SF	\$100,054	3
HVAC Air Distribution	AHU 15,000 CFM Interior	2	Ea.	\$227,713	4
HVAC Air Distribution	AHU 2,000 CFM Interior	1	Ea.	\$29,014	4
Facility Hydronic Distribution	4-Pipe System	49,266	SF	\$119,208	5
Heating System Supplementary Components	Controls - Electronic (Bldg.SF)	20,000	SF	\$30,947	8
Central Cooling	Chiller - Outdoor Air Cooled (210 Tons)	1	Ea.	\$210,750	10
HVAC Air Distribution	AHU 5,000 CFM Outdoor	2	Ea.	\$98,867	10
HVAC Air Distribution	AHU 10,000 CFM Outdoor	4	Ea.	\$405,362	10
Exhaust Air	Roof Exhaust Fan - Small	9	Ea.	\$17,637	10
<b>Sub Total for System</b>		<b>11</b>	<b>items</b>	<b>\$1,668,311</b>	

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Power Distribution	Panelboard - 120/208 225A	2	Ea.	\$10,999	2
Power Distribution	Panelboard - 120/208 225A	2	Ea.	\$10,999	5
Audio-Video Systems	PA Communications No Head Unit (Bldg SF)	49,266	SF	\$34,874	5
Lighting Fixtures	Light Fixtures (Bldg SF)	49,266	SF	\$903,467	10
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>	<b>\$960,339</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Plumbing Fixtures	Non-Refrigerated Drinking Fountain	8	Ea.	\$19,070	1
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)	49,226	SF	\$176,905	3
Sanitary Sewerage Piping	Sanitary Sewer Piping	49,266	SF	\$54,697	3
Plumbing Fixtures	Showers	43	Ea.	\$56,178	3
Plumbing Fixtures	Toilets	1	Ea.	\$5,059	3
Plumbing Fixtures	Restroom Lavatory	14	Ea.	\$38,028	3
Plumbing Fixtures	Classroom Lavatory	1	Ea.	\$2,565	4
Plumbing Fixtures	Urinals	12	Ea.	\$16,251	5
Plumbing Fixtures	Refrigerated Drinking Fountain	2	Ea.	\$4,405	5
Plumbing Fixtures	Showers	7	Ea.	\$9,145	5
Plumbing Fixtures	Showers	16	Ea.	\$20,903	5
<b>Sub Total for System</b>		<b>11</b>	<b>items</b>	<b>\$403,205</b>	

**Fire and Life Safety**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Fire Detection and Alarm	Fire Alarm Panel	3	Ea.	\$20,604	9
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$20,604</b>	

**Specialties**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Casework	Lockers, Gym	80	Ea.	\$38,840	5
Fixed Multiple Seating	Bleachers	550	Seat	\$227,209	10
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>	<b>\$266,049</b>	
<b>Sub Total for Building 007B - Stand-Alone Gym - Big, Small, &amp; Dance gyms (includes Weight Room, Lockers &amp; Showers)</b>		<b>51</b>	<b>items</b>	<b>\$5,669,323</b>	

**Building: 007C - Stand-Alone Weight Room**
**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Aluminum - Windows per SF	228	SF	\$22,738	2
Exterior Entrance Doors	Steel - Insulated and Painted	2	Door	\$7,414	2
Exterior Utility Doors	Overhead Door	3	Door	\$24,922	4
Exterior Wall Veneer	Metal Panel - Bldg SF basis	4,829	SF	\$17,250	5
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>	<b>\$72,323</b>	

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Compartments and Cubicles	Toilet Partitions	2	Stall	\$4,033	2
Interior Door Supplementary Components	Door Hardware	5	Door	\$7,423	2
Acoustical Suspended Ceilings	Ceilings - Acoustical Grid System	402	SF	\$1,674	3
	<b>Note:</b> Broken, sagging, stained				
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	402	SF	\$1,357	3
	<b>Note:</b> Sagging and old				
Wall Painting and Coating	Painting/Staining (Bldg SF)	7,243	SF	\$32,455	4
Carpeting	Carpet	80	SF	\$1,013	4
Tile Flooring	Ceramic Tile	402	SF	\$7,102	4
Interior Swinging Doors	Wooden Door	6	Door	\$11,254	4
Athletic Flooring	Athletic/Sport Flooring	3,219	SF	\$49,384	5
Interior Swinging Doors	Metal Door (Steel)	4	Door	\$11,575	5
Interior Coiling Doors	Interior Overhead Doors	1	Ea.	\$5,286	5
Interior Door Supplementary Components	Door Hardware	9	Door	\$13,361	5
<b>Sub Total for System</b>		<b>12</b>	<b>items</b>	<b>\$145,919</b>	

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Decentralized Cooling	Condenser - Outside Air Cooled (5 Tons)	2	Ea.	\$19,945	2
Decentralized Cooling	Condenser - Outside Air Cooled (5 Tons)	1	Ea.	\$9,973	3
Exhaust Air	Wall Exhaust Fan	1	Ea.	\$4,731	4
Heat Generation	Furnace - Gas (45 MBH)	1	Ea.	\$1,859	5
Heating System Supplementary Components	Controls - Electronic (Bldg.SF)	8,048	SF	\$12,453	5
Heat Generation	Furnace - Gas (45 MBH)	3	Ea.	\$5,577	5
<b>Sub Total for System</b>		<b>6</b>	<b>items</b>	<b>\$54,538</b>	

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Electrical Service	Transformer (112.5 KVA)	1	Ea.	\$9,908	5
Power Distribution	Distribution Panels (200 Amps)	1	Ea.	\$16,712	5
Power Distribution	Panelboard - 120/208 400A	1	Ea.	\$12,342	5
Power Distribution	Power Wiring	8,048	SF	\$9,559	5
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>	<b>\$48,520</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Plumbing Fixtures	Toilets	5	Ea.	\$25,297	2
Plumbing Fixtures	Restroom Lavatory	5	Ea.	\$13,581	3
Plumbing Fixtures	Refrigerated Drinking Fountain	1	Ea.	\$2,202	5
Domestic Water Equipment	Water Heater - Gas - 60 gallon	1	Ea.	\$3,458	10
Plumbing Fixtures	Non-Refrigerated Drinking Fountain	1	Ea.	\$2,384	10
<b>Sub Total for System</b>		<b>5</b>	<b>items</b>	<b>\$46,923</b>	

**Specialties**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Casework	Lockers, Gym	52	Ea.	\$25,246	4
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$25,246</b>	
<b>Sub Total for Building 007C - Stand-Alone Weight Room</b>		<b>32</b>	<b>items</b>	<b>\$393,469</b>	

**Building: 007D - Mechanical Building (Pump Room)**
**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Aluminum - Windows per SF	27	SF	\$2,693	5
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$2,693</b>	



**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Facility Hydronic Distribution	Pump- 10HP (Ea.)	1	Ea.	\$11,561	1
Facility Hydronic Distribution	Pump- 25HP (Ea.)	1	Ea.	\$14,381	1
Other HVAC Distribution Systems	VFD (25 HP)	2	Ea.	\$21,249	1
Facility Hydronic Distribution	2-Pipe System (Cold)	492	SF	\$880	1
Facility Hydronic Distribution	Pump- 25HP (Ea.)	1	Ea.	\$14,381	4
Heating System Supplementary Components	Controls - DDC (Bldg.SF)	492	SF	\$1,327	8
Facility Hydronic Distribution	Pump- 10HP (Ea.)	1	Ea.	\$11,561	10
Facility Hydronic Distribution	Pump- 25HP (Ea.)	1	Ea.	\$14,381	10
<b>Sub Total for System</b>		<b>8</b>	<b>items</b>	<b>\$89,721</b>	

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Power Distribution	Power Wiring	492	SF	\$584	4
Electrical Service	Transformer (15 KVA)	1	Ea.	\$5,358	5
Power Distribution	Distribution Panel (1600 Amps)	2	Ea.	\$50,351	5
Power Distribution	Panelboard - 120/208 100A	1	Ea.	\$2,782	5
Lighting Fixtures	Light Fixtures (Bldg SF)	492	SF	\$9,023	10
<b>Sub Total for System</b>		<b>5</b>	<b>items</b>	<b>\$68,098</b>	
<b>Sub Total for Building 007D - Mechanical Building (Pump Room)</b>		<b>14</b>	<b>items</b>	<b>\$160,512</b>	

**Building: 007E - Stand-Alone Boiler House**
**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Entrance Doors	Steel - Insulated and Painted	2	Door	\$7,414	3
Exterior Entrance Doors	Wooden Door	1	Door	\$3,164	4
Exterior Wall Veneer	Metal Panel - Bldg SF basis	2,273	SF	\$8,119	5
<b>Note:</b> 100% is listed on form					
Exterior Entrance Doors	Wooden Door	1	Door	\$3,164	8
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>	<b>\$21,860</b>	

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Interior Swinging Doors	Wooden Door	2	Door	\$3,751	2
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$3,751</b>	

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Other HVAC Distribution Systems	VFD (25 HP)	2	Ea.	\$21,249	1
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)	2	Ea.	\$8,626	2
Facility Hydronic Distribution	Pump- 25HP (Ea.)	1	Ea.	\$14,381	4
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)	2	Ea.	\$8,626	5
Heat Generation	Boiler - Copper Tube (2400 MBH)	4	Ea.	\$389,742	8
Heat Generation	Boiler - Copper Tube (750 MBH)	3	Ea.	\$97,694	8
Heating System Supplementary Components	Controls - DDC (Bldg.SF)	2,273	SF	\$6,131	8
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)	2	Ea.	\$8,626	10
Facility Hydronic Distribution	Pump- 25HP (Ea.)	1	Ea.	\$14,381	10
Facility Hydronic Distribution	Pump- 25HP (Ea.)	1	Ea.	\$14,381	10
<b>Sub Total for System</b>		<b>10</b>	<b>items</b>	<b>\$583,838</b>	

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Power Distribution	Power Wiring	2,273	SF	\$2,700	4
Lighting Fixtures	Light Fixtures (Bldg SF)	2,273	SF	\$41,684	10
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>	<b>\$44,383</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Facility Potable-Water Storage Tanks	Water Storage Tank - 750 Gallon	1	Ea.	\$27,691	3
Domestic Water Equipment	Backflow Preventers - 2 in. (Ea.)	1	Ea.	\$2,092	3
Domestic Water Equipment	Backflow Preventers - 3/4 in. (Ea.)	1	Ea.	\$879	3
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>	<b>\$30,662</b>	
<b>Sub Total for Building 007E - Stand-Alone Boiler House</b>		<b>20</b>	<b>items</b>	<b>\$684,494</b>	

**Building: 007F - Mechanical Building**
**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Entrance Doors	Steel - Insulated and Painted	2	Door	\$7,414	3
Exterior Wall Veneer	Metal Panel - Bldg SF basis	1,600	SF	\$5,715	5
Exterior Operating Windows	Aluminum - Windows per SF	60	SF	\$5,984	5
Exterior Operating Windows	Aluminum - Windows per SF	8	SF	\$798	5
Exterior Operating Windows	Aluminum - Windows per SF	60	SF	\$5,984	5
<b>Sub Total for System</b>		<b>5</b>	<b>items</b>	<b>\$25,894</b>	

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Other HVAC Distribution Systems	VFD (75 HP)	2	Ea.	\$50,670	1
Other HVAC Distribution Systems	VFD (20 HP)	1	Ea.	\$8,817	1
Facility Hydronic Distribution	Pump- 25HP (Ea.)	2	Ea.	\$28,763	3
Facility Hydronic Distribution	Pump- 25HP (Ea.)	4	Ea.	\$57,525	3
Heating System Supplementary Components	Controls - DDC (Bldg.SF)	1,600	SF	\$4,316	8
Central Cooling	Cooling Tower - Metal (750 Tons)	2	Ea.	\$210,814	9
Facility Hydronic Distribution	Pump- 25HP (Ea.)	2	Ea.	\$28,763	10
Other HVAC Distribution Systems	VFD (20 HP)	4	Ea.	\$35,269	10
Other HVAC Distribution Systems	VFD (25 HP)	2	Ea.	\$21,249	10
<b>Sub Total for System</b>		<b>9</b>	<b>items</b>	<b>\$446,186</b>	

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Power Distribution	Panelboard - 120/208 100A	1	Ea.	\$2,782	5
Power Distribution	Power Wiring	1,600	SF	\$1,900	5
Power Distribution	Power Wiring	1,600	SF	\$1,900	5
Lighting Fixtures	Light Fixtures (Bldg SF)	1,600	SF	\$29,342	10
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>	<b>\$35,924</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Domestic Water Equipment	Backflow Preventers - 2 in. (Ea.)	1	Ea.	\$2,092	2
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$2,092</b>	
<b>Sub Total for Building 007F - Mechanical Building</b>		<b>19</b>	<b>items</b>	<b>\$510,097</b>	

**Building: 007G - Restrooms and Storage**
**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Suspended Plaster and	Painted ceilings	1,600	SF	\$3,332	3
	<b>Note:</b> Flaking, chipping on various panels; 100% listed on form				
Wall Painting and Coating	Painting/Staining (Bldg SF)	1,600	SF	\$7,169	5
	<b>Note:</b> 100% listed on form				
Compartments and Cubicles	Toilet Partitions	3	Stall	\$6,049	8
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>	<b>\$16,551</b>	

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Heating System Supplementary Components	Controls - Electronic (Bldg.SF)	1,600	SF	\$2,476	10
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$2,476</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Domestic Water Equipment	Water Heater - Electric - 20 gallon	1	Ea.	\$1,587	5
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$1,587</b>	
<b>Sub Total for Building 007G - Restrooms and Storage</b>		<b>5</b>	<b>items</b>	<b>\$20,613</b>	
<b>Total for: Travis ECHS</b>		<b>255</b>	<b>items</b>	<b>\$41,345,436</b>	

## Supporting Photos

### General Site Photos



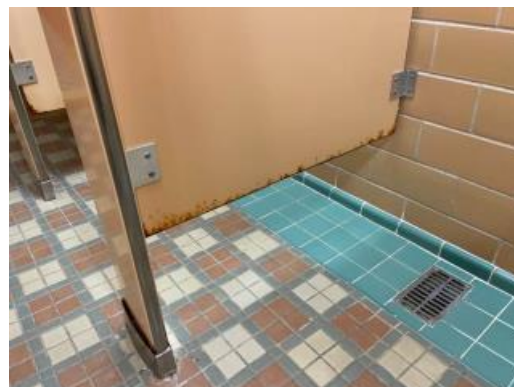
Electrical distribution panel is beyond its useful life.



Exposed bus bars



Damaged door



Rusted women's locker room partition



Damaged acoustical ceiling grid and tiles



Damaged Interior Door



Old Acoustical Ceiling Tile



Water stains on ceiling



Exterior aged electrical enclosure



Exterior Brick walls



Rusted metal panel



Chipped front wood door



Chipped brick at OLDINC room



Sun bleached front entry metal doors



Typical casework



Damaged wall



Holes and rust at base of metal panel



Rusted metal door



HVAC Unit is beyond its useful life



Pipes are showing signs of corrosion



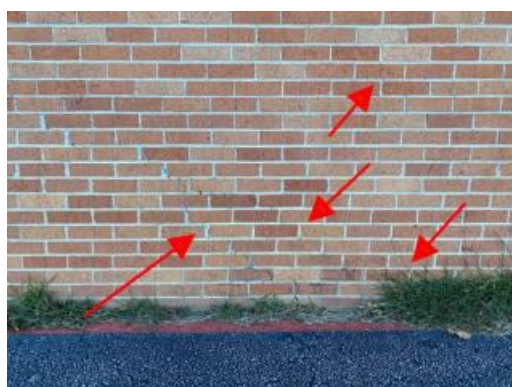
Aged unit ventilator



Exterior wood windows are beyond their useful life



Rusted and paint chipped steel door



Cracked brick