



# FACILITY CONDITION ASSESSMENT

*Northeast ECHS* | February 2022



## Executive Summary

Northeast ECHS is located at 7104 Berkman Drive in Austin, Texas. The oldest building is 55 years old (at time of 2020 assessment). It comprises 253,124 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 \$6,774,178. 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 Northeast ECHS the ten-year need is \$32,268,458.

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 Northeast ECHS facility has a 5-year FCA score of 81.71%.

## Summary of Findings

The table below summarizes the condition findings at Northeast 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	\$4,513,245	\$2,895,158	\$1,798,689	\$7,408,403	\$9,207,092	\$0	
<b>Permanent Building(s)</b>								
006A	Administrative Building	\$208,730	\$458,733	\$61,380	\$667,463	\$728,843	\$1,921,410	65.26%
006B	Stand-Alone Classroom Building (includes Library)	\$169,103	\$1,847,097	\$4,126,178	\$2,016,200	\$6,142,378	\$20,198,610	90.02%
006C	Stand-Alone Gym - Big, Small, & Dance gyms (includes Weight Room, Lockers & Showers)	\$143,693	\$976,731	\$3,157,805	\$1,120,424	\$4,278,229	\$22,560,080	95.03%
006D	Stand-Alone Dance Hall	\$157,456	\$137,441	\$26,097	\$294,897	\$320,994	\$979,259	69.89%
006E	Vocational / Art / Shop Building	\$81,315	\$337,894	\$714,387	\$419,209	\$1,133,596	\$5,894,273	92.89%
006F	Mechanical Building	\$630,728	\$493,452	\$321,514	\$1,124,180	\$1,445,694	\$1,659,794	32.27%
006G	Stand-Alone Cafeteria, Choir	\$81,535	\$265,613	\$2,300,140	\$347,148	\$2,647,288	\$8,189,719	95.76%
006H	Stand-Alone Classroom Building	\$53,392	\$340,470	\$1,007,184	\$393,862	\$1,401,046	\$14,176,270	97.22%
006I	Automotive Mechanics, JROTC, Theater, & Band Hall	\$734,979	\$1,675,919	\$2,552,398	\$2,410,898	\$4,963,296	\$13,023,120	81.49%
<b>Sub Total for Permanent Building(s):</b>		<b>\$2,260,933</b>	<b>\$6,533,350</b>	<b>\$14,267,083</b>	<b>\$8,794,283</b>	<b>\$23,061,366</b>	<b>\$88,602,537</b>	
<b>Total for Site:</b>		<b>\$6,774,178</b>	<b>\$9,428,508</b>	<b>\$16,065,772</b>	<b>\$16,202,686</b>	<b>\$32,268,458</b>	<b>\$88,602,537</b>	<b>81.71%</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	\$21,104	\$156,875	\$4,335,266	\$4,513,245	66.62 %
Roofing	\$0	\$0	\$1,581	\$17,428	\$0	\$19,009	0.28 %
Structural	\$6,455	\$0	\$0	\$0	\$0	\$6,455	0.10 %
Exterior	\$0	\$3,989	\$17,016	\$6,619	\$0	\$27,625	0.41 %
Interior	\$0	\$0	\$135,502	\$12,896	\$15,466	\$163,865	2.42 %
Mechanical	\$0	\$1,198,658	\$156,231	\$162,831	\$24,107	\$1,541,827	22.76 %
Electrical	\$0	\$181,872	\$201,950	\$6,629	\$0	\$390,451	5.76 %
Plumbing	\$0	\$2,850	\$11,196	\$41,879	\$0	\$55,926	0.83 %
Fire and Life Safety	\$1,231	\$0	\$0	\$0	\$0	\$1,231	0.02 %
Conveyances	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
Specialties	\$0	\$0	\$0	\$54,544	\$0	\$54,544	0.81 %
Crawlspace	\$0	\$0	\$0	\$0	\$0	\$0	0.00 %
<b>Total:</b>	\$7,686	\$1,387,370	\$544,581	\$459,702	\$4,374,840	\$6,774,178	

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

Site	-	\$4,513,245
Mechanical	-	\$1,541,827
Electrical	-	\$390,451

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

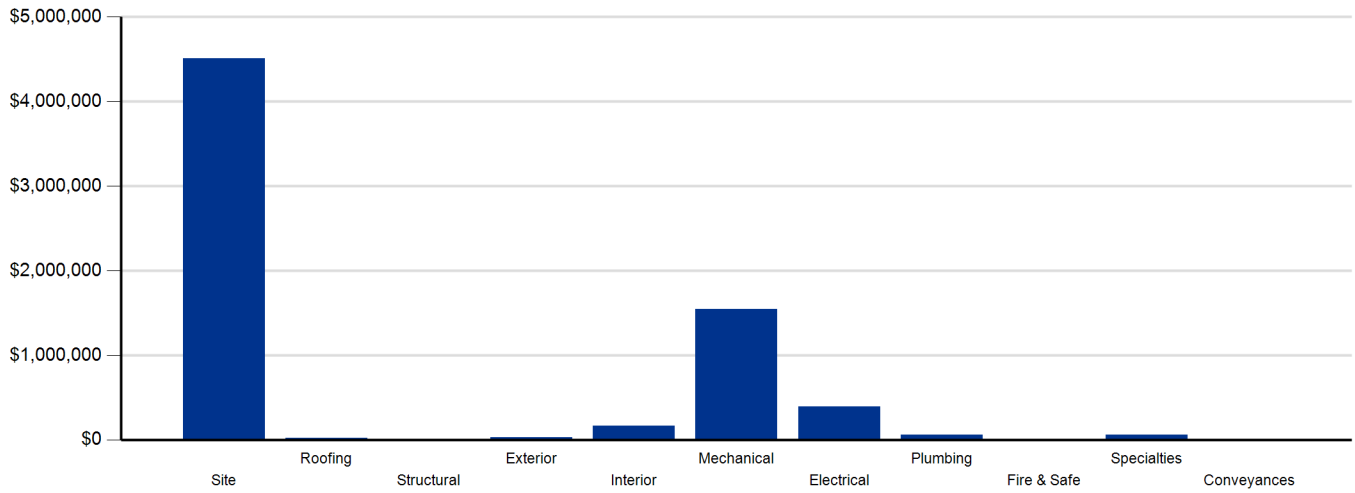


Figure 1: System Deficiencies

## 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	\$298,040	\$2,597,118	\$2,895,158
Roofing	\$0	\$0	\$0	\$0	\$0	\$0
Exterior	\$0	\$1,751	\$0	\$192,525	\$13,571	\$207,847
Interior	\$0	\$0	\$49,134	\$346,252	\$1,030,305	\$1,425,691
Mechanical	\$0	\$86,327	\$1,262,209	\$503,028	\$1,669,695	\$3,521,259
Electrical	\$0	\$0	\$0	\$0	\$326,697	\$326,697
Plumbing	\$0	\$0	\$207,988	\$19,911	\$689,494	\$917,393
Fire and Life Safety	\$0	\$0	\$0	\$0	\$25,059	\$25,059
Conveyances	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$17,604	\$89,412	\$107,016
Crawlspace	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$88,078</b>	<b>\$1,519,331</b>	<b>\$1,377,360</b>	<b>\$6,441,351</b>	<b>\$9,426,120</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	\$2,895,158	\$0	\$0	\$0	\$0	\$93,440	\$93,440	\$2,988,598
Roofing	\$0	\$0	\$0	\$0	\$0	\$1,705,249	\$1,705,249	\$1,705,249
Exterior	\$207,847	\$0	\$0	\$0	\$1,751	\$528,410	\$530,161	\$738,008
Interior	\$1,425,691	\$0	\$207,563	\$131,010	\$0	\$535,813	\$874,386	\$2,300,077
Mechanical	\$3,521,259	\$0	\$0	\$466,817	\$0	\$1,759,133	\$2,225,950	\$5,747,209
Electrical	\$326,697	\$0	\$0	\$0	\$0	\$3,692,377	\$3,692,377	\$4,019,074
Plumbing	\$917,393	\$0	\$173,546	\$3,174	\$0	\$7,481,533	\$7,658,253	\$8,575,646
Fire and Life Safety	\$25,059	\$0	\$0	\$0	\$0	\$0	\$0	\$25,059
Conveyances	\$0	\$0	\$0	\$0	\$0	\$7,985	\$7,985	\$7,985
Specialties	\$107,016	\$0	\$0	\$0	\$0	\$0	\$0	\$107,016
Crawlspace	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$9,426,120</b>	<b>\$0</b>	<b>\$381,109</b>	<b>\$601,001</b>	<b>\$1,751</b>	<b>\$15,803,940</b>	<b>\$16,787,801</b>	<b>\$26,213,921</b>

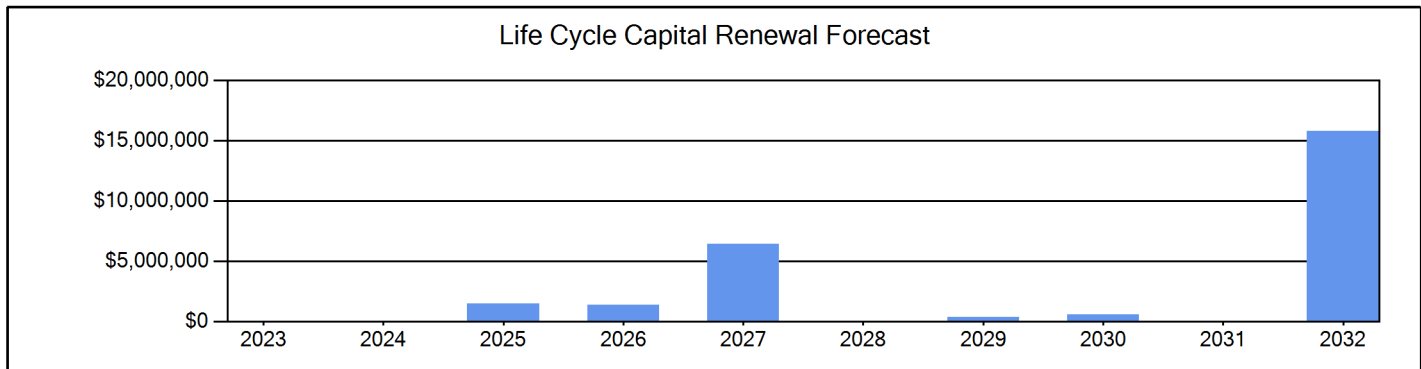


Figure 2: Ten Year Capital Renewal Forecast

## 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 \$88,602,537. For planning purposes, the total 5-year need at the Northeast ECHS is \$16,202,686 (Life Cycle Years 1-5 plus the FCA deficiency cost). The Northeast ECHS facility has a 5-year FCA of 81.71%.

5-Year Need vs. Replacement

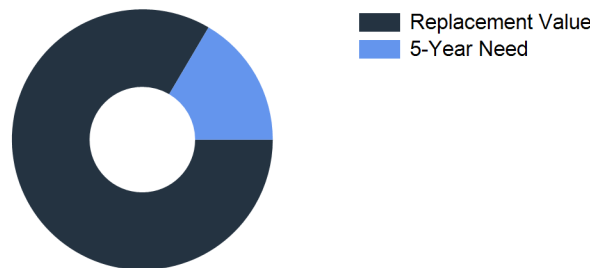


Figure 3: 5-Year FCA



## Northeast ECHS - Deficiency Summary

### Site Level Deficiencies

#### Site

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Asphalt Driveway Replacement <b>Note:</b> Broken / loose pavement and some areas of ponding.	Capital Renewal	3,000	SF	3	\$19,291	308
Concrete Walks Replacement <b>Note:</b> Broken concrete	Capital Renewal	160	SF	3	\$1,812	310
Asphalt Paving Resurfacing <b>Note:</b> Broken / loose pavement	Deferred Maintenance	2,000	SF	4	\$8,319	307
Tennis Courts, Nets, And Equipment Replacement <b>Note:</b> Tennis courts need to be resurfaced. Tennis backboards are warped from weathering. Tennis court surfaces are cracked.	Capital Renewal	2	Ea.	4	\$148,556	306
Paving Restriping <b>Note:</b> Some of the "No Parking" areas (hatched striping) have striping that has worn off.	Deferred Maintenance	30	CAR	5	\$998	309
PROGRAM DEFICIENCIES	ADA Compliance	1,395,538	EACH	5	\$2,396,112	6008
PUBLIC DEFICIENCIES	ADA Compliance	606,770	EACH	5	\$1,041,812	6007
TAS ACCESSIBILITY DEFICIENCIES	ADA Compliance	521,513	EACH	5	\$895,428	6009
Tree Trimming <b>Note:</b> Several trees in the main parking lot have limbs that are hanging low enough to touch vehicles. <b>Location:</b> Main parking lot	Deferred Maintenance	5	Ea.	5	\$917	311
<b>Sub Total for System</b>		<b>9</b>	<b>items</b>		<b>\$4,513,245</b>	
<b>Sub Total for School and Site Level</b>		<b>9</b>	<b>items</b>		<b>\$4,513,245</b>	

### Building: 006A - Administrative Building

#### Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Door Hardware Replacement	Capital Renewal	33	Door	3	\$48,992	351
Interior Door Replacement	Capital Renewal	31	Door	3	\$58,144	350
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$107,136</b>	

#### Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Air Cooled Condenser Replacement <b>Note:</b> 4 ton heat pump units on roof; HP2A and HP2B	Capital Renewal	2	Ea.	2	\$19,945	352
Heat Pump HVAC Component Replacement <b>Note:</b> 15 ton heat pump unit, roof, HP1	Capital Renewal	1	Ea.	2	\$25,722	353
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$45,668</b>	

#### Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Distribution Panel Replacement <b>Note:</b> 225A 120/208 V	Capital Renewal	1	Ea.	2	\$16,712	354
Electrical Transformer Replacement	Capital Renewal	1	Ea.	2	\$5,519	356
Panelboard Replacement	Capital Renewal	1	Ea.	2	\$1,459	355
Lightning Protection System Installation	Functional Deficiency	5,850	SF	3	\$4,568	86
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$28,258</b>	

#### Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Water Heater Replacement <b>Note:</b> Under break room sink	Capital Renewal	1	Ea.	2	\$1,264	357
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$1,264</b>	

**Specialties**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Replace Cabinetry In Classes/Labs	Capital Renewal	3	Room	4	\$26,406	417
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$26,406</b>	
<b>Sub Total for Building 006A - Administrative Building</b>		<b>10</b>	<b>items</b>		<b>\$208,730</b>	

**Building: 006B - Stand-Alone Classroom Building (includes Library)**
**Roofing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Awning Or Canopy Roofing Cracked Or Spalled	Deferred Maintenance	500	SF	4	\$17,428	300
<b>Note:</b> Spalling concrete on building beams; Buildings B, H, and I						
<b>Location:</b> Building exteriors on B, H, and I						
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$17,428</b>	

**Structural**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Structural Study Recommended	Deferred Maintenance	1	Job	1	\$6,455	194
<b>Note:</b> Structural Engineering Study, evaluate delamination of concrete on the bottom of the support beams, spalling.						
<b>Location:</b> multiple locations, concrete frame and beams over entrances						
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$6,455</b>	

**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
CMU Wall Replacement (Bldg SF)	Capital Renewal	200	SF	4	\$4,499	193
<b>Note:</b> spalling, several locations on exterior and courtyard						
Exterior Painting (Bldg SF)	Capital Renewal	1,000	SF	4	\$1,751	219
<b>Note:</b> Deteriorated coating on concrete frame elements, prep and re-coat/paint						
<b>Location:</b> exterior						
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$6,249</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Door Replacement	Capital Renewal	1	Door	3	\$1,876	195
<b>Note:</b> Door is broken and should be replaced						
<b>Location:</b> Room 211						
Interior Door Repair	Deferred Maintenance	1	Door	5	\$645	196
<b>Note:</b> door drags on the floor						
<b>Location:</b> room 217						
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$2,521</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Air Handler HVAC Component Replacement	Capital Renewal	2	Ea.	2	\$58,029	222
<b>Note:</b> AHU's making unusual noise, investigate replace or repair						
<b>Location:</b> Above rooms 130 and 140						
Heat Pump HVAC Component Replacement	Capital Renewal	1	Ea.	2	\$12,135	223
<b>Note:</b> 4 ton unit a hole has been cut in the side of this unit. water source heat pump in classroom.						
Ductwork Repair	Deferred Maintenance	50	LF	4	\$287	204
<b>Note:</b> Ductwork insulation is full of water						
<b>Location:</b> room 110A						
Wall Exhaust Fan Ventilation Replacement	Capital Renewal	1	Ea.	4	\$4,731	205
<b>Note:</b> age and poor condition						
<b>Location:</b> roof						
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$75,182</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Canopy Lighting Replacement	Capital Renewal	1	Ea.	3	\$2,083	213
<b>Location:</b> canopy near 114, open box without fixture						

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Lightning Protection System Installation	Functional Deficiency	61,508	SF	3	\$48,033	211
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$50,116</b>	

**Fire and Life Safety**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Emergency Exit Signage Repair	Deferred Maintenance	1	Ea.	1	\$594	212
<b>Note:</b> not working, light						
<b>Location:</b> corridor by 211						
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$594</b>	

**Specialties**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Metal Student Lockers Replacement	Capital Renewal	18	Ea.	4	\$9,589	197
<b>Note:</b> broken lockers / latches / locks						
<b>Location:</b> throughout the building						
Repair Cabinetry In Classes/Labs	Deferred Maintenance	1	Room	4	\$968	217
<b>Note:</b> Repair the steel supports on the lavatory cabinets, rusted						
<b>Location:</b> Restrooms						
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$10,558</b>	
<b>Sub Total for Building 006B - Stand-Alone Classroom Building (includes Library)</b>		<b>15</b>	<b>items</b>		<b>\$169,103</b>	

**Building: 006C - Stand-Alone Gym - Big, Small, & Dance gyms (includes Weight Room, Lockers & Showers)**
**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Brick Exterior Repair	Deferred Maintenance	40	SF Wall	3	\$498	237
<b>Note:</b> stair step cracking in bricks, exterior						
Caulking Replacement	Deferred Maintenance	2,000	LF	3	\$15,104	238
<b>Note:</b> Replace exterior joint sealant at each side of concrete columns and louvers						
<b>Location:</b> exterior						
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$15,603</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Toilet Partition Replacement	Capital Renewal	1	Stall	4	\$2,016	239
<b>Note:</b> Broken door						
<b>Location:</b> men's locker room						
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$2,016</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Boiler Replacement	Capital Renewal	2	Ea.	2	\$49,186	360
Mechanical / HVAC Piping / System Is Beyond Its Useful Life	Capital Renewal	40	SF	2	\$97	244
<b>Note:</b> leaking pipes						
<b>Location:</b> Weight Room						
Steam/HW Unit Heater Replacement	Capital Renewal	12	Ea.	2	\$12,951	362
Make Up Air Equipment Replacement	Capital Renewal	1	Ea.	3	\$8,888	359
Duct Grill Replacement	Deferred Maintenance	10	Ea.	5	\$989	245
<b>Note:</b> Replace damaged, dirty grills throughout building.						
Remove Abandoned Equipment	Deferred Maintenance	1	Ea.	5	\$1,239	246
<b>Note:</b> Heat exchanger, abandoned unit						
<b>Sub Total for System</b>		<b>6</b>	<b>items</b>		<b>\$73,350</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Electrical Receptacle Replacement <b>Note:</b> Broken <b>Location:</b> Small Gym	Capital Renewal	1	Ea.	3	\$134	247
Lightning Protection System Installation	Functional Deficiency	47,561	SF	3	\$37,141	248
1 X 4 Interior Fluorescent Light Fixture Replacement <b>Note:</b> T-12 lamps should be replaced <b>Location:</b> Electrical room and men's gym	Capital Renewal	6	Ea.	4	\$1,704	249
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$38,979</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Toilet Replacement <b>Note:</b> Broken at floor <b>Location:</b> Women's RR	Capital Renewal	1	Ea.	3	\$5,059	241
Urinal Replacement <b>Note:</b> Broken urinal <b>Location:</b> Men's RR	Capital Renewal	1	Ea.	3	\$1,354	242
Refrigerated Water Cooler Replacement <b>Note:</b> not functional	Capital Renewal	1	Ea.	4	\$2,202	243
Replace classroom lavatory <b>Note:</b> Broken <b>Location:</b> coach office	Capital Renewal	2	Ea.	4	\$5,129	240
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$13,745</b>	
<b>Sub Total for Building 006C - Stand-Alone Gym - Big, Small, &amp; Dance gyms (includes Weight Room, Lockers &amp; Showers)</b>		<b>16</b>	<b>items</b>		<b>\$143,693</b>	

**Building: 006D - Stand-Alone Dance Hall**
**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Aluminum Window Replacement	Capital Renewal	40	SF	2	\$3,989	418
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$3,989</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Door Hardware Replacement <b>Note:</b> Locker room double doors to the AHUB1 room <b>Location:</b> Locker Room / AHUB1 doors	Capital Renewal	2	Door	3	\$2,969	104
Interior Door Hardware Replacement	Capital Renewal	6	Door	3	\$8,908	366
Interior Door Replacement	Capital Renewal	6	Door	3	\$11,254	365
Acoustical Ceiling Tile Replacement	Capital Renewal	597	SF	4	\$2,016	363
Ceiling Grid Replacement	Capital Renewal	597	SF	4	\$2,486	420
Exposed Ceiling Replacement	Capital Renewal	2,385	SF	4	\$2,063	419
Interior Wood Wall Replacement (LC)	Capital Renewal	150	SF	4	\$2,352	421
Vinyl Composition Tile Replacement <b>Note:</b> Water damage to locker room and hallway floor <b>Location:</b> locker room and hallway	Capital Renewal	240	SF	4	\$1,963	103
Interior Wall Repainting (Bldg SF)	Capital Renewal	2,831	SF	5	\$12,685	422
<b>Sub Total for System</b>		<b>9</b>	<b>items</b>		<b>\$46,696</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Air Handler HVAC Component Replacement	Capital Renewal	1	Ea.	2	\$85,959	423
Mechanical / HVAC Piping / System Is Beyond Its Useful Life <b>Note:</b> Leaking Chill Water pipe at AHUB1 <b>Location:</b> AHUB1	Capital Renewal	1	SF	2	\$904	115
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$86,863</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Lightning Protection System Installation	Functional Deficiency	2,981	SF	3	\$2,328	113
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$2,328</b>	

**Specialties**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Metal Student Lockers Replacement	Capital Renewal	33	Ea.	4	\$17,581	105
<b>Note:</b> Lockers are old, broken, damaged						
<b>Location:</b> Locker Room						
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$17,581</b>	
<b>Sub Total for Building 006D - Stand-Alone Dance Hall</b>		<b>14</b>	<b>items</b>		<b>\$157,456</b>	

**Building: 006E - Vocational / Art / Shop Building**
**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Air Cooled Condenser Replacement	Capital Renewal	2	Ea.	2	\$19,945	271
<b>Note:</b> beyond service life and damaged						
<b>Location:</b> roof						
Component Insulation Replacement	Capital Renewal	60	LF	3	\$1,305	272
<b>Note:</b> Roof drain lines are sweating, insulate drain lines in classrooms						
<b>Location:</b> Rooms 16 and 17						
Large Diameter Exhausts/Hoods Replacement	Capital Renewal	1	Ea.	3	\$8,036	424
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$29,287</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Electrical Transformer Replacement	Capital Renewal	1	Ea.	2	\$7,287	298
<b>Note:</b> ITE Equipment, deficient						
<b>Location:</b> In crawl space						
Electrical Transformer Replacement	Capital Renewal	1	Ea.	2	\$18,241	299
<b>Note:</b> ITE Equipment, deficient						
<b>Location:</b> in crawl space						
Lightning Protection System Installation	Functional Deficiency	17,948	SF	3	\$14,016	273
1 X 4 Interior Fluorescent Light Fixture Replacement	Capital Renewal	2	Ea.	4	\$568	274
<b>Note:</b> Lights not functional						
<b>Location:</b> Kiln room						
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$40,113</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Urinal Replacement	Capital Renewal	1	Ea.	3	\$1,354	367
Replace classroom lavatory	Capital Renewal	2	Ea.	4	\$5,129	269
<b>Location:</b> Rooms 16 and 17						
Restroom Lavatories Plumbing Fixtures Replacement	Capital Renewal	2	Ea.	4	\$5,433	270
<b>Note:</b> Repair / replace unit are loose on the wall						
<b>Location:</b> Faculty RR						
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$11,916</b>	
<b>Sub Total for Building 006E - Vocational / Art / Shop Building</b>		<b>10</b>	<b>items</b>		<b>\$81,315</b>	

**Building: 006F - Mechanical Building**
**Roofing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Concrete Column Repair	Deferred Maintenance	1	Ea.	3	\$1,581	179
<b>Note:</b> Deficiency – Cooling tower basin, Bldg F, observed fractured concrete at the southeast corner of the cooling tower basin where an anchor bolt had been drilled into the concrete basin to secure the steel wide flange support beam. The steel beam is the support for the fairly new cooling tower. Failure of this connection could compromise the structural support of the beam and tower. Recommend immediate temporary shoring support be installed adjacent to the damaged concrete area until further engineering evaluations are complete and a permanent solution determined.						
<b>Location:</b> Cooling Tower						
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$1,581</b>	

**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Steel Window Repair	Deferred Maintenance	1	Ea.	3	\$1,414	136
<b>Note:</b> broken glass						
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$1,414</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Ceiling Repainting	Deferred Maintenance	227	SF	5	\$473	425
Interior Wall Repainting (Bldg SF)	Capital Renewal	227	SF	5	\$1,017	368
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$1,490</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Boiler Replacement	Capital Renewal	2	Ea.	2	\$200,293	169
<b>Note:</b> RayPak boilers not operational						
Boiler Replacement	Capital Renewal	1	Ea.	2	\$100,146	174
<b>Note:</b> 1750 MBH Benchmark/Aerco boiler						
Boiler Replacement	Capital Renewal	1	Ea.	2	\$100,146	369
Circulation Pump Replacement	Capital Renewal	1	Ea.	3	\$84,816	370
<b>Note:</b> CHWP-2 very noisy						
Ceiling Exhaust Fan Replacement	Capital Renewal	2	Ea.	4	\$973	159
<b>Note:</b> beyond service life						
Remove Abandoned Equipment	Deferred Maintenance	1	Ea.	5	\$1,239	149
<b>Note:</b> abandoned air compressor						
<b>Sub Total for System</b>		<b>6</b>	<b>items</b>		<b>\$487,615</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Panelboard Replacement	Capital Renewal	1	Ea.	2	\$6,688	371
Switchgear Replacement	Capital Renewal	1	Ea.	2	\$84,797	160
<b>Note:</b> Powell Equipment, deficient						
Switchgear Replacement	Capital Renewal	1	Ea.	2	\$38,387	161
<b>Note:</b> ITE Equipment, deficient						
Lightning Protection System Installation	Functional Deficiency	4,549	SF	3	\$3,552	164
Remove Abandoned Equipment	Deferred Maintenance	1	Ea.	4	\$4,357	167
<b>Note:</b> 15KVA transformer abandoned in place						
<b>Sub Total for System</b>		<b>5</b>	<b>items</b>		<b>\$137,782</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Condensate Drain Repair	Deferred Maintenance	3	Ea.	3	\$847	176
<b>Note:</b> RayPak boilers are discharging chemical treated condensate on the floor of the building. Pipe the condensate drains in approved pipe material and install neutralization kit.						
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$847</b>	
<b>Sub Total for Building 006F - Mechanical Building</b>		<b>16</b>	<b>items</b>		<b>\$630,728</b>	

**Building: 006G - Stand-Alone Cafeteria, Choir**
**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Door Hardware Replacement	Capital Renewal	1	Door	3	\$1,485	275
<b>Note:</b> Door hardware missing						
<b>Location:</b> AV Room						
Interior Door Repair	Deferred Maintenance	1	Door	5	\$645	276
<b>Note:</b> Door sticks, trim						
<b>Location:</b> AV Room						
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$2,130</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Ductwork Replacement (SF Basis)	Capital Renewal	800	SF	2	\$6,330	278
<b>Note:</b> rusted ductwork <b>Location:</b> Cafeteria and Stage						
Package Roof Top Unit Replacement	Capital Renewal	2	Ea.	2	\$48,472	426
		<b>2</b>	<b>items</b>		<b>\$54,802</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Lightning Protection System Installation	Functional Deficiency	24,938	SF	3	\$19,474	280
		<b>1</b>	<b>items</b>		<b>\$19,474</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Replace classroom lavatory	Capital Renewal	2	Ea.	4	\$5,129	277
<b>Note:</b> Cracked hand wash sinks <b>Location:</b> Kitchen hand wash sinks						
		<b>1</b>	<b>items</b>		<b>\$5,129</b>	
<b>Sub Total for Building 006G - Stand-Alone Cafeteria, Choir</b>		<b>6</b>	<b>items</b>		<b>\$81,535</b>	

**Building: 006H - Stand-Alone Classroom Building**
**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Concrete/CMU Exterior Repair	Deferred Maintenance	25	LF	4	\$370	282
<b>Note:</b> Repair cracks in the concrete frame <b>Location:</b> exterior						
		<b>1</b>	<b>items</b>		<b>\$370</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior Door Replacement	Capital Renewal	1	Door	3	\$1,876	283
<b>Note:</b> Door does not latch, replace/repair <b>Location:</b> Room 431						
		<b>1</b>	<b>items</b>		<b>\$1,876</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Duct Grill Replacement	Deferred Maintenance	40	Ea.	5	\$3,956	288
<b>Note:</b> Door grills are rusted and broken throughout the building. <b>Location:</b> Classrooms						
Duct Register Replacement	Deferred Maintenance	20	Ea.	5	\$8,342	287
<b>Note:</b> registers are rusted <b>Location:</b> throughout the building						
		<b>2</b>	<b>items</b>		<b>\$12,298</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Panelboard Replacement	Capital Renewal	1	Ea.	2	\$2,782	289
<b>Note:</b> ITE panelboard is deficient <b>Location:</b> CC310						
Electrical Receptacle Replacement	Capital Renewal	1	Ea.	3	\$134	295
<b>Note:</b> Rusted and broken <b>Location:</b> Boys RR by CC130						
Lightning Protection System Installation	Functional Deficiency	43,168	SF	3	\$33,711	296
		<b>3</b>	<b>items</b>		<b>\$36,626</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Water Heater Replacement <b>Note:</b> 15 gallon	Capital Renewal	1	Ea.	2	\$1,587	373
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$1,587</b>	

**Fire and Life Safety**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Emergency Exit Signage Replacement <b>Note:</b> Broken exit sign <b>Location:</b> Corridor by room 410	Capital Renewal	1	Ea.	1	\$636	297
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$636</b>	
<b>Sub Total for Building 006H - Stand-Alone Classroom Building</b>		<b>9</b>	<b>items</b>		<b>\$53,392</b>	

**Building: 006I - Automotive Mechanics, JROTC, Theater, & Band Hall**
**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Ductwork Replacement (SF Basis) <b>Note:</b> Aged and dirty, with visible rot. <b>Location:</b> Throughout building	Capital Renewal	44,614	SF	2	\$353,006	263
Exterior Air Handler Replacement	Capital Renewal	2	Ea.	2	\$98,867	374
Steam/HW Unit Heater Replacement	Capital Renewal	2	Ea.	2	\$6,525	376
Air Compressor Replacement	Capital Renewal	1	Ea.	3	\$3,601	378
Circulation Pump Replacement <b>Note:</b> Key is loose / failing on shaft <b>Location:</b> Mechanical Room	Capital Renewal	1	Ea.	3	\$11,561	262
Large Diameter Exhausts/Hoods Replacement	Capital Renewal	4	Ea.	3	\$32,145	427
Small Diameter Exhausts/Hoods Replacement <b>Note:</b> broken and disassembled on roof <b>Location:</b> roof	Capital Renewal	1	Ea.	3	\$1,960	265
Small Diameter Exhausts/Hoods Replacement	Capital Renewal	2	Ea.	3	\$3,919	428
Circulation Pump Replacement	Capital Renewal	1	Ea.	4	\$4,313	377
Existing Controls Are Obsolete	Capital Renewal	44,614	SF	4	\$152,526	375
Duct Register Replacement <b>Note:</b> Dirty and damaged registers <b>Location:</b> Mechanical shops	Deferred Maintenance	20	Ea.	5	\$8,342	264
<b>Sub Total for System</b>		<b>11</b>	<b>items</b>		<b>\$676,763</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Electrical Receptacle Replacement <b>Note:</b> broken, exposed wiring <b>Location:</b> JROTC	Capital Renewal	1	Ea.	3	\$134	266
Exterior Mounted Building Lighting Replacement <b>Note:</b> non functional	Capital Renewal	2	Ea.	3	\$1,803	268
Lightning Protection System Installation	Functional Deficiency	44,614	SF	3	\$34,840	267
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$36,777</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Condensate Drain Repair <b>Note:</b> Boiler flue condensate dripping on the concrete floor Pie the condensate drains in approved pipe material and install neutralization kit. <b>Location:</b> Mechanical Room	Deferred Maintenance	1	Ea.	3	\$2,582	260
Refrigerated Water Cooler Replacement <b>Note:</b> Leaking and rusting	Capital Renewal	2	Ea.	4	\$4,405	259
Refrigerated Water Cooler Replacement	Capital Renewal	3	Ea.	4	\$6,607	380
Replace classroom lavatory	Capital Renewal	2	Ea.	4	\$5,129	379



**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Restroom Lavatories Plumbing Fixtures Replacement	Capital Renewal	1	Ea.	4	\$2,716	261
<b>Note:</b> cracked						
<b>Location:</b> welding shop						
	<b>Sub Total for System</b>	<b>5</b>	<b>items</b>		<b>\$21,439</b>	
	<b>Sub Total for Building 0061 - Automotive Mechanics, JROTC, Theater, &amp; Band Hall</b>	<b>19</b>	<b>items</b>		<b>\$734,979</b>	
	<b>Total for Campus</b>	<b>124</b>	<b>items</b>		<b>\$6,774,178</b>	

## Northeast 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 - Wood	106	LF	\$3,202	4
Fences and Gates	Competition Style Track	1	Ea.	\$294,838	4
Fences and Gates	Fencing - Chain Link (4 Ft)	6,530	LF	\$308,199	5
Fences and Gates	Fencing - Chain Link (8-10 Ft)	1,913	LF	\$149,874	5
Parking Lot Pavement	Asphalt	471	CAR	\$683,328	5
Roadway Pavement	Asphalt Driveways	148,151	SF	\$952,675	5
Pedestrian Pavement	Sidewalks - Concrete	44,410	SF	\$503,042	5
Roadway Pavement	Concrete Driveways	7,485	SF	\$93,440	10
<b>Sub Total for System</b>		<b>8</b>	<b>items</b>	<b>\$2,988,597</b>	

#### Roofing

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Canopy Roofing	Steel panels	33,611	SF	\$1,705,249	10
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$1,705,249</b>	
<b>Sub Total for Building -</b>		<b>9</b>	<b>items</b>	<b>\$4,693,846</b>	

### Building: 006A - Administrative Building

#### Exterior

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Wall Veneer	Exterior Painting - Bldg SF basis	1,000	SF	\$1,751	2
Exterior Wall Veneer	Exterior Painting - Bldg SF basis	1,000	SF	\$1,751	9
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>	<b>\$3,501</b>	

#### Interior

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Wall Painting and Coating	Painting/Staining (Bldg SF)	5,558	SF	\$24,905	3
Acoustical Suspended Ceilings	Ceilings - Acoustical Grid System	5,733	SF	\$23,874	5
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	5,733	SF	\$19,359	5
Tile Wall Finish	Ceramic Tile wall	292	SF	\$2,424	5
<b>Note:</b> Restrooms					
Carpeting	Carpet	2,867	SF	\$36,297	5
Tile Flooring	Ceramic Tile	300	SF	\$5,300	5
Resilient Flooring	Vinyl Composition Tile Flooring	2,340	SF	\$19,136	5
Interior Swinging Doors	Metal Door (Steel)	2	Door	\$5,788	5
Wall Painting and Coating	Painting/Staining (Bldg SF)	5,558	SF	\$24,905	10
<b>Sub Total for System</b>		<b>9</b>	<b>items</b>	<b>\$161,987</b>	

#### Mechanical

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
HVAC Air Distribution	AHU 5,000 CFM Interior	2	Ea.	\$86,327	2
<b>Note:</b> estimated CFM, 1999 unit					
Heating System Supplementary Components	Controls - DDC (Bldg.SF)	5,850	SF	\$15,779	5
HVAC Air Distribution	Ductwork (Bldg.SF)	5,850	SF	\$46,288	5
Exhaust Air	Roof Exhaust Fan - Large	1	Ea.	\$8,036	10
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>	<b>\$156,429</b>	

#### Electrical

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Power Distribution	Panelboard - 120/208 125A	1	Ea.	\$1,459	5
Power Distribution	Panelboard - 120/240 400A	1	Ea.	\$10,347	5
<b>Note:</b> 250 A					
Lighting Fixtures	Canopy Mounted Fixtures (Ea.)	4	Ea.	\$8,332	5
Lighting Fixtures	Building Mounted Fixtures (Ea.)	1	Ea.	\$902	5
Lighting Fixtures	Light Fixtures (Bldg SF)	5,850	SF	\$107,280	5
<b>Sub Total for System</b>		<b>5</b>	<b>items</b>	<b>\$128,320</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Plumbing Fixtures	Refrigerated Drinking Fountain	1	Ea.	\$2,202	3
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)	5,850	SF	\$21,023	5
Sanitary Sewerage Piping	Sanitary Sewer Piping	5,850	SF	\$6,495	5
Plumbing Fixtures	Classroom Lavatory	1	Ea.	\$2,565	7
	<b>Note:</b> Break Room				
Plumbing Fixtures	Restroom Lavatory	3	Ea.	\$8,149	7
Plumbing Fixtures	Sink - Service / Mop Sink	1	Ea.	\$796	7
Plumbing Fixtures	Toilets	3	Ea.	\$15,178	7
Domestic Water Equipment	Water Heater - Electric - 5 to 10 gallon	1	Ea.	\$1,264	10
	<b>Note:</b> Under break room sink				
		<b>Sub Total for System</b>		<b>8 items</b>	<b>\$57,672</b>

**Fire and Life Safety**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Security System Component	Security Alarm System	5,850	SF	\$13,465	5
		<b>Sub Total for System</b>		<b>1 items</b>	<b>\$13,465</b>
		<b>Sub Total for Building 006A - Administrative Building</b>		<b>29 items</b>	<b>\$521,375</b>

**Building: 006B - Stand-Alone Classroom Building (includes Library)**

**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Aluminum - Windows per SF	1,800	SF	\$179,508	4
	<b>Note:</b> 90 ea 2' x 10' windows				
Exterior Operating Windows	Aluminum - Windows per SF	120	SF	\$11,967	4
	<b>Note:</b> 4 ea 3' x 10' windows				
Exterior Entrance Doors	Steel - Insulated and Painted	4	Door	\$14,828	10
		<b>Sub Total for System</b>		<b>3 items</b>	<b>\$206,304</b>

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Suspended Plaster and	Painted ceilings	6,151	SF	\$12,810	5
Wall Painting and Coating	Painting/Staining (Bldg SF)	57,818	SF	\$259,078	5
Compartments and Cubicles	Toilet Partitions	28	Stall	\$56,462	5
Carpeting	Carpet	6,150	SF	\$77,860	5
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	55,357	SF	\$186,927	10
		<b>Sub Total for System</b>		<b>5 items</b>	<b>\$593,137</b>

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Decentralized Cooling	Condenser - Outside Air Cooled (8 Tons)	2	Ea.	\$23,173	3
	<b>Note:</b> 7.5 ton units				
Decentralized Cooling	Heat Pump (5 Ton)	53	Ea.	\$643,158	3
	<b>Note:</b> 4 ton units				
Decentralized Cooling	Thru-Wall AC (2 Ton)	1	Ea.	\$5,493	3
Air Distribution	Make-up Air Unit	4	Ea.	\$35,553	3
HVAC Air Distribution	Roof Top Unit - DX Gas (10 Ton)	1	Ea.	\$24,236	3
	<b>Note:</b> 7.5 ton unit				
Decentralized Cooling	Heat Pump (10 Ton)	3	Ea.	\$72,133	3
Heating System Supplementary Components	Controls - Electronic (Bldg.SF)	61,508	SF	\$95,174	4
Exhaust Air	Roof Exhaust Fan - Small	4	Ea.	\$7,839	4
Exhaust Air	Interior Ceiling Exhaust Fan	1	Ea.	\$487	4
Exhaust Air	Roof Exhaust Fan - Large	10	Ea.	\$80,362	5
Other HVAC Distribution Systems	VFD (20 HP)	1	Ea.	\$8,817	8
Facility Hydronic Distribution	4-Pipe System	61,508	SF	\$148,829	10
		<b>Sub Total for System</b>		<b>12 items</b>	<b>\$1,145,254</b>

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Lighting Fixtures	Building Mounted Fixtures (Ea.)	15	Ea.	\$13,526	5
	<b>Note:</b> courtyard				
Lighting Fixtures	Light Fixtures (Bldg SF)	61,508	SF	\$1,127,967	10
		<b>Sub Total for System</b>		<b>2 items</b>	<b>\$1,141,493</b>

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Plumbing Fixtures	Classroom Lavatory	12	Ea.	\$30,774	3
Plumbing Fixtures	Restroom Lavatory	16	Ea.	\$43,461	5
Plumbing Fixtures	Sink - Service / Mop Sink	6	Ea.	\$4,775	5
Plumbing Fixtures	Toilets	28	Ea.	\$141,663	5
Plumbing Fixtures	Urinals	9	Ea.	\$12,188	5
Plumbing Fixtures	Refrigerated Drinking Fountain	7	Ea.	\$15,417	5
Domestic Water Equipment	Water Heater - Gas - 100 Gallon	1	Ea.	\$6,384	10
Domestic Water Equipment	Gas Piping System (BldgSF)	61,508	SF	\$2,132,806	10
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)	61,508	SF	\$221,043	10
Sanitary Sewerage Piping	Sanitary Sewer Piping	61,508	SF	\$68,288	10
Plumbing Fixtures	Classroom Lavatory	82	Ea.	\$210,289	10
		<b>Sub Total for System</b>		<b>\$2,887,087</b>	
<b>Sub Total for Building 006B - Stand-Alone Classroom Building (includes Library)</b>		<b>33</b>	<b>items</b>	<b>\$5,973,275</b>	

**Building: 006C - 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	220	SF	\$21,940	10
<b>Note:</b> 11 ea 2' x 10' windows					
Exterior Entrance Doors	Steel - Insulated and Painted	18	Door	\$66,726	10
		<b>Sub Total for System</b>		<b>\$88,666</b>	

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Suspended Plaster and	Painted ceilings	9,037	SF	\$18,820	5
Wall Painting and Coating	Painting/Staining (Bldg SF)	22,829	SF	\$102,295	5
Compartments and Cubicles	Toilet Partitions	9	Stall	\$18,148	8
Carpeting	Carpet	2,880	SF	\$36,461	8
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	9,512	SF	\$32,120	10
Wall Paneling	Wood Panel wall	476	SF	\$7,465	10
Resilient Flooring	Rubber Tile Flooring	476	SF	\$7,196	10
		<b>Sub Total for System</b>		<b>\$222,505</b>	

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Decentralized Cooling	Condenser - Outside Air Cooled (3 Tons)	3	Ea.	\$19,268	3
Decentralized Cooling	Ductless Split System (3 Ton)	3	Ea.	\$16,274	3
Decentralized Cooling	Heat Pump (10 Ton)	1	Ea.	\$24,044	3
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)	1	Ea.	\$4,313	3
HVAC Air Distribution	AHU 5,000 CFM Interior	7	Ea.	\$302,143	3
<b>Note:</b> 4,000 CFM unit					
Other HVAC Distribution Systems	VFD (10 HP)	1	Ea.	\$5,707	5
Other HVAC Distribution Systems	VFD (40 HP)	1	Ea.	\$13,936	5
Exhaust Air	Roof Exhaust Fan - Small	9	Ea.	\$17,637	5
Exhaust Air	Roof Exhaust Fan - Large	15	Ea.	\$120,544	5
Heating System Supplementary Components	Controls - DDC (Bldg.SF)	47,561	SF	\$128,283	8
Heat Generation	Boiler - Steel Tube (750 MBH)	2	Ea.	\$49,186	10
Decentralized Cooling	Heat Pump (25 Ton)	2	Ea.	\$91,787	10
<b>Note:</b> 15 ton units					
		<b>Sub Total for System</b>		<b>\$793,122</b>	

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Power Distribution	Motor Controller (Loads)	9	Ea.	\$16,533	5
Lighting Fixtures	Light Fixtures (Bldg SF)	47,561	SF	\$872,199	10
		<b>Sub Total for System</b>		<b>\$888,733</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Plumbing Fixtures	Showers	68	Ea.	\$88,839	3
Plumbing Fixtures	Toilets	14	Ea.	\$70,831	3
Plumbing Fixtures	Urinals	5	Ea.	\$6,771	3

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Plumbing Fixtures	Showers	13	Ea.	\$16,984	5
Plumbing Fixtures	Refrigerated Drinking Fountain	4	Ea.	\$8,810	5
Facility Potable-Water Storage Tanks	Water Heater Storage Tank - 500 Gallon	1	Ea.	\$25,118	5
	<b>Note:</b> 750 gallon tank				
Plumbing Fixtures	Restroom Lavatory	16	Ea.	\$43,461	5
Plumbing Fixtures	Sink - Service / Mop Sink	2	Ea.	\$1,592	5
Domestic Water Equipment	Gas Piping System (BldgSF)	47,561	SF	\$1,649,190	10
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)	47,561	SF	\$170,921	10
Sanitary Sewerage Piping	Sanitary Sewer Piping	47,561	SF	\$52,804	10
Plumbing Fixtures	Classroom Lavatory	1	Ea.	\$2,565	10
	<b>Sub Total for System</b>	<b>12</b>	<b>items</b>	<b>\$2,137,885</b>	

**Specialties**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Casework	Fixed Cabinetry	6	Room	\$52,811	5
	<b>Sub Total for System</b>	<b>1</b>	<b>items</b>	<b>\$52,811</b>	
	<b>Sub Total for Building 006C - Stand-Alone Gym - Big, Small, &amp; Dance gyms (includes Weight Room, Lockers &amp; Showers)</b>	<b>36</b>	<b>items</b>	<b>\$4,183,723</b>	

**Building: 006D - Stand-Alone Dance Hall**
**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Wall Veneer	Exterior Painting - Bldg SF basis	600	SF	\$1,050	4
	<b>Note:</b> Concrete frame of building				
	<b>Sub Total for System</b>	<b>1</b>	<b>items</b>	<b>\$1,050</b>	

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Wall Painting and Coating	Painting/Staining (Bldg SF)	2,831	SF	\$12,685	7
Resilient Flooring	Vinyl Composition Tile Flooring	2,654	SF	\$21,704	7
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	597	SF	\$2,016	10
	<b>Sub Total for System</b>	<b>3</b>	<b>items</b>	<b>\$36,405</b>	

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Facility Hydronic Distribution	4-Pipe System	2,981	SF	\$7,213	4
Heating System Supplementary Components	Controls - DDC (Bldg.SF)	2,981	SF	\$8,040	5
HVAC Air Distribution	Ductwork (Bldg.SF)	2,981	SF	\$23,587	5
Exhaust Air	Roof Exhaust Fan - Large	1	Ea.	\$8,036	5
Other HVAC Distribution Systems	VFD (5 HP)	1	Ea.	\$4,393	8
	<b>Sub Total for System</b>	<b>5</b>	<b>items</b>	<b>\$51,270</b>	

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Audio-Video Systems	PA Communications No Head Unit (Bldg SF)	2,981	SF	\$2,110	5
Lighting Fixtures	Light Fixtures (Bldg SF)	2,981	SF	\$54,667	5
Power Distribution	Power Wiring	2,981	SF	\$3,540	5
	<b>Sub Total for System</b>	<b>3</b>	<b>items</b>	<b>\$60,318</b>	

**Fire and Life Safety**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Security System Component	Security Alarm System	2,981	SF	\$6,861	5
Fire Detection and Alarm	Fire Alarm	2,981	SF	\$4,733	5
	<b>Sub Total for System</b>	<b>2</b>	<b>items</b>	<b>\$11,595</b>	

**Specialties**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Casework	Fixed Cabinetry	2	Room	\$17,604	4
	<b>Sub Total for System</b>	<b>1</b>	<b>items</b>	<b>\$17,604</b>	
	<b>Sub Total for Building 006D - Stand-Alone Dance Hall</b>	<b>15</b>	<b>items</b>	<b>\$178,242</b>	

**Building: 006E - Vocational / Art / Shop Building**
**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Aluminum - Windows per SF	600	SF	\$59,836	10
<b>Note:</b> 30 each 2' x 10' windows					
			<b>Sub Total for System</b>	<b>1 items</b>	<b>\$59,836</b>

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	10,769	SF	\$36,364	4
Suspended Plaster and	Painted ceilings	179	SF	\$373	4
Compartments and Cubicles	Toilet Partitions	6	Stall	\$12,099	4
Acoustical Suspended Ceilings	Ceilings - Acoustical Grid System	10,769	SF	\$44,845	5
Wall Painting and Coating	Painting/Staining (Bldg SF)	17,232	SF	\$77,215	5
Carpeting	Carpet	358	SF	\$4,532	8
			<b>Sub Total for System</b>	<b>6 items</b>	<b>\$175,428</b>

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exhaust Air	Roof Exhaust Fan - Small	1	Ea.	\$1,960	4
HVAC Air Distribution	VAV Boxes / Terminal Device	18	Ea.	\$69,729	5
<b>Note:</b> estimated quantity					
Exhaust Air	Roof Exhaust Fan - Small	2	Ea.	\$3,919	5
Exhaust Air	Roof Exhaust Fan - Large	4	Ea.	\$32,145	5
Heating System Supplementary Components	Controls - Electronic (Bldg.SF)	17,948	SF	\$27,772	8
Other HVAC Distribution Systems	VFD (15 HP)	1	Ea.	\$7,559	8
HVAC Air Distribution	AHU 20,000 CFM Outdoor	1	Ea.	\$199,048	10
Exhaust Air	Interior Ceiling Exhaust Fan	1	Ea.	\$487	10
			<b>Sub Total for System</b>	<b>8 items</b>	<b>\$342,619</b>

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Electrical Service	Transformer (45 KVA)	1	Ea.	\$5,919	5
Lighting Fixtures	Light Fixtures (Bldg SF)	17,948	SF	\$329,140	10
			<b>Sub Total for System</b>	<b>2 items</b>	<b>\$335,059</b>

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Plumbing Fixtures	Sink - Service / Mop Sink	1	Ea.	\$796	3
Plumbing Fixtures	Classroom Lavatory	1	Ea.	\$2,565	4
Plumbing Fixtures	Restroom Lavatory	6	Ea.	\$16,298	5
Plumbing Fixtures	Toilets	1	Ea.	\$5,059	5
Plumbing Fixtures	Refrigerated Drinking Fountain	1	Ea.	\$2,202	5
Domestic Water Equipment	Water Heater - Electric - 20 gallon	1	Ea.	\$1,587	8
<b>Note:</b> 15 Gallon					
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)	17,948	SF	\$64,500	10
Sanitary Sewerage Piping	Sanitary Sewer Piping	17,948	SF	\$19,926	10
			<b>Sub Total for System</b>	<b>8 items</b>	<b>\$112,933</b>

**Specialties**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Casework	Fixed Cabinetry	3	Room	\$26,406	5
			<b>Sub Total for System</b>	<b>1 items</b>	<b>\$26,406</b>
			<b>Sub Total for Building 006E - Vocational / Art / Shop Building</b>	<b>26 items</b>	<b>\$1,052,281</b>

**Building: 006F - Mechanical Building**
**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Steel - Windows per SF	72	SF	\$10,407	5
<b>Note:</b> 2 ea 6' x 6' windows					
			<b>Sub Total for System</b>	<b>1 items</b>	<b>\$10,407</b>

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Compartments and Cubicles	Toilet Partitions	1	Stall	\$2,016	4

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Interior Swinging Doors	Wooden Door	4	Door	\$7,502	5
Interior Door Supplementary Components	Door Hardware	4	Door	\$5,938	5
Wall Painting and Coating	Painting/Staining (Bldg SF)	227	SF	\$1,017	7
Suspended Plaster and	Painted ceilings	227	SF	\$473	10
<b>Sub Total for System</b>		<b>5</b>	<b>items</b>	<b>\$16,947</b>	

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Decentralized Cooling	Fan Coil - Water Cool/Water Heat ( 2 Ton)	1	Ea.	\$2,131	3
Facility Hydronic Distribution	Pump- 25HP (Ea.)	1	Ea.	\$14,381	3
	<b>Note:</b> 15 HP				
Other HVAC Distribution Systems	VFD (75 HP)	2	Ea.	\$50,670	4
Facility Hydronic Distribution	Pump - 75HP (Ea.)	1	Ea.	\$84,816	4
Exhaust Air	Interior Ceiling Exhaust Fan	2	Ea.	\$973	4
Decentralized Heating Equipment	Unit Heater Gas (80 MBH)	1	Ea.	\$3,313	5
Central Cooling	Chiller - Indoor Water Cooled (450 Ton)	1	Ea.	\$265,143	5
Other HVAC Distribution Systems	VFD (15 HP)	2	Ea.	\$15,117	8
Other HVAC Distribution Systems	VFD (20 HP)	2	Ea.	\$17,635	8
Facility Hydronic Distribution	Pump- 25HP (Ea.)	2	Ea.	\$28,763	8
Facility Hydronic Distribution	Pump- 10HP (Ea.)	2	Ea.	\$23,121	8
Facility Hydronic Distribution	Pump- 25HP (Ea.)	1	Ea.	\$14,381	8
	<b>Note:</b> 15HP				
Heating System Supplementary Components	Controls - DDC (Bldg.SF)	4,549	SF	\$12,270	10
Central Cooling	Cooling Tower - Metal (750 Tons)	1	Ea.	\$105,407	10
	<b>Note:</b> 1,200 to cooling tower				
Facility Hydronic Distribution	Pump - 75HP (Ea.)	1	Ea.	\$84,816	10
	<b>Note:</b> CHWP-2 very noisy				
Heat Generation	Boiler - Steel Tube (2400 MBH)	2	Ea.	\$200,293	10
Heat Generation	Boiler - Steel Tube (2400 MBH)	1	Ea.	\$100,146	10
Heat Generation	Boiler - Steel Tube (2400 MBH)	1	Ea.	\$100,146	10
	<b>Note:</b> 1750 MBH Benchmark/Aerco boiler				
<b>Sub Total for System</b>		<b>18</b>	<b>items</b>	<b>\$1,123,524</b>	

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Electrical Service	Switchgear - Main Dist Panel (1200 Amps)	1	Ea.	\$38,387	5
Lighting Fixtures	Light Fixtures (Bldg SF)	4,549	SF	\$83,422	10
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>	<b>\$121,809</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Plumbing Fixtures	Restroom Lavatory	1	Ea.	\$2,716	3
Plumbing Fixtures	Toilets	1	Ea.	\$5,059	3
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)	4,549	SF	\$16,348	10
Sanitary Sewerage Piping	Sanitary Sewer Piping	4,549	SF	\$5,050	10
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>	<b>\$29,174</b>	
<b>Sub Total for Building 006F - Mechanical Building</b>		<b>30</b>	<b>items</b>	<b>\$1,301,861</b>	

**Building: 006G - Stand-Alone Cafeteria, Choir**
**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Entrance Doors	Wooden Door	1	Door	\$3,164	5
Exterior Operating Windows	Aluminum - Windows per SF	80	SF	\$7,978	10
	<b>Note:</b> 4 ea 2' x 10' Windows				
Exterior Entrance Doors	Steel - Insulated and Painted	27	Door	\$100,089	10
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>	<b>\$111,231</b>	

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Suspended Plaster and	Painted ceilings	250	SF	\$521	5
Wall Painting and Coating	Painting/Staining (Bldg SF)	17,955	SF	\$80,455	5
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	24,439	SF	\$82,524	10
Wall Paneling	Wood Panel wall	1,248	SF	\$19,571	10

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Compartments and Cubicles	Toilet Partitions	8	Stall	\$16,132	10
<b>Sub Total for System</b>		<b>5</b>	<b>items</b>	<b>\$199,203</b>	

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Other HVAC Distribution Systems	VFD (20 HP)	1	Ea.	\$8,817	4
Other HVAC Distribution Systems	VFD (40 HP)	1	Ea.	\$13,936	4
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)	1	Ea.	\$4,313	4
HVAC Air Distribution	VAV Boxes / Terminal Device	20	Ea.	\$77,477	4
Heating System Supplementary Components	Controls - DDC (Bldg.SF)	24,938	SF	\$67,263	8
Facility Hydronic Distribution	4-Pipe System	24,938	SF	\$60,342	10
HVAC Air Distribution	AHU 30,000 CFM Outdoor	1	Ea.	\$229,560	10
HVAC Air Distribution	AHU 15,000 CFM Outdoor	1	Ea.	\$144,126	10
Exhaust Air	Roof Exhaust Fan - Large	7	Ea.	\$56,254	10
<b>Sub Total for System</b>		<b>9</b>	<b>items</b>	<b>\$662,089</b>	

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Power Distribution	Panelboard - 120/208 225A	1	Ea.	\$5,500	5
Lighting Fixtures	Light Fixtures (Bldg SF)	24,938	SF	\$457,327	10
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>	<b>\$462,826</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Domestic Water Equipment	Water Heater - Electric - 120 gallon	1	Ea.	\$5,719	4
<b>Note:</b> 100 gallon					
Plumbing Fixtures	Classroom Lavatory	1	Ea.	\$2,565	4
Facility Potable-Water Storage Tanks	Water Heater Storage Tank - 250 Gallon	1	Ea.	\$16,598	5
Plumbing Fixtures	Sink - Service / Mop Sink	2	Ea.	\$1,592	5
Plumbing Fixtures	Toilets	6	Ea.	\$30,356	5
Plumbing Fixtures	Refrigerated Drinking Fountain	2	Ea.	\$4,405	5
Domestic Water Equipment	Gas Piping System (BldgSF)	24,938	SF	\$864,732	10
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)	24,938	SF	\$89,620	10
Sanitary Sewerage Piping	Sanitary Sewer Piping	24,938	SF	\$27,687	10
Plumbing Fixtures	Classroom Lavatory	30	Ea.	\$76,935	10
<b>Sub Total for System</b>		<b>10</b>	<b>items</b>	<b>\$1,120,208</b>	

**Specialties**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Casework	Lockers, Gym	21	Ea.	\$10,195	5
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$10,195</b>	
<b>Sub Total for Building 006G - Stand-Alone Cafeteria, Choir</b>		<b>30</b>	<b>items</b>	<b>\$2,565,753</b>	

**Building: 006H - Stand-Alone Classroom Building**
**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Aluminum - Windows per SF	1,500	SF	\$149,590	10
<b>Note:</b> 75 ea 2' x 10' windows					
Exterior Operating Windows	Aluminum - Windows per SF	320	SF	\$31,913	10
<b>Note:</b> 8 ea 4' x 10' windows					
Exterior Entrance Doors	Steel - Insulated and Painted	1	Door	\$3,707	10
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>	<b>\$185,210</b>	

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Wall Painting and Coating	Painting/Staining (Bldg SF)	38,420	SF	\$172,157	7
Suspended Plaster and	Painted ceilings	12,518	SF	\$26,070	8
Carpeting	Carpet	432	SF	\$5,469	8
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	30,218	SF	\$102,039	10
Compartments and Cubicles	Toilet Partitions	27	Stall	\$54,445	10
<b>Sub Total for System</b>		<b>5</b>	<b>items</b>	<b>\$360,180</b>	



**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Decentralized Cooling	Thru-Wall AC (4 Ton)	10	Ea.	\$75,909	3
HVAC Air Distribution	VAV Boxes / Terminal Device	44	Ea.	\$170,450	5
Exhaust Air	Roof Exhaust Fan - Small	2	Ea.	\$3,919	5
Exhaust Air	Roof Exhaust Fan - Large	3	Ea.	\$24,109	5
Exhaust Air	Wall Exhaust Fan	1	Ea.	\$4,731	5
Heating System Supplementary Components	Controls - Electronic (Bldg.SF)	43,168	SF	\$66,796	8
Other HVAC Distribution Systems	VFD (10 HP)	1	Ea.	\$5,707	8
Other HVAC Distribution Systems	VFD (15 HP)	3	Ea.	\$22,676	8
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)	1	Ea.	\$4,313	8
<b>Sub Total for System</b>		<b>9</b>	<b>items</b>	<b>\$378,610</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.)	16	Ea.	\$14,428	5
	<b>Note:</b> Courtyard				
Lighting Fixtures	Canopy Mounted Fixtures (Ea.)	2	Ea.	\$4,166	10
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>	<b>\$21,376</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Domestic Water Equipment	Water Heater - Instant 3.2 GPM	1	Ea.	\$1,405	4
Plumbing Fixtures	Classroom Lavatory	11	Ea.	\$28,209	5
Plumbing Fixtures	Showers	1	Ea.	\$1,306	5
Plumbing Fixtures	Urinals	8	Ea.	\$10,834	5
Plumbing Fixtures	Restroom Lavatory	4	Ea.	\$10,865	7
Plumbing Fixtures	Toilets	24	Ea.	\$121,425	7
Plumbing Fixtures	Refrigerated Drinking Fountain	6	Ea.	\$13,214	7
Domestic Water Equipment	Water Heater - Electric - 20 gallon	1	Ea.	\$1,587	8
	<b>Note:</b> 15 gallon				
Domestic Water Equipment	Water Heater - Electric - 20 gallon	1	Ea.	\$1,587	10
	<b>Note:</b> 15 gallon				
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)	43,168	SF	\$155,134	10
Sanitary Sewerage Piping	Sanitary Sewer Piping	43,168	SF	\$47,926	10
<b>Sub Total for System</b>		<b>11</b>	<b>items</b>	<b>\$393,493</b>	

**Conveyances**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Elevators	Passenger elevator cab finishes	1	Ea.	\$7,985	10
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$7,985</b>	
<b>Sub Total for Building 006H - Stand-Alone Classroom Building</b>		<b>32</b>	<b>items</b>	<b>\$1,346,853</b>	

**Building: 006I - Automotive Mechanics, JROTC, Theater, & Band Hall**
**Exterior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Aluminum - Windows per SF	720	SF	\$71,803	10
	<b>Note:</b> 36 ea 2' x 10' windows				
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$71,803</b>	

**Interior**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Suspended Plaster and	Painted ceilings	8,923	SF	\$18,583	3
Carpeting	Carpet	446	SF	\$5,646	3
Acoustical Suspended Ceilings	Ceilings - Acoustical Tiles	33,014	SF	\$111,480	4
Wall Painting and Coating	Painting/Staining (Bldg SF)	41,045	SF	\$183,920	4
Wall Paneling	Acoustical Panel Wall	1,338	SF	\$6,565	5
Interior Door Supplementary Components	Door Hardware	113	Door	\$167,761	5
Compartments and Cubicles	Toilet Partitions	20	Stall	\$40,330	8
<b>Sub Total for System</b>		<b>7</b>	<b>items</b>	<b>\$534,284</b>	

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
HVAC Air Distribution	AHU 20,000 CFM Interior	1	Ea.	\$145,040	4

**Mechanical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)	1	Ea.	\$4,313	4
Central Cooling	Chiller - Outdoor Air Cooled (210 Tons)	1	Ea.	\$210,750	5
Facility Hydronic Distribution	4-Pipe System	44,614	SF	\$107,951	5
HVAC Air Distribution	AHU 20,000 CFM Interior	1	Ea.	\$145,040	5
HVAC Air Distribution	AHU 5,000 CFM Interior	2	Ea.	\$86,327	5
Exhaust Air	Roof Exhaust Fan - Small	1	Ea.	\$1,960	5
Heat Generation	Boiler - Steel Tube (2400 MBH)	2	Ea.	\$200,293	5
	<b>Note:</b> 1500 MBH				
Other HVAC Distribution Systems	VFD (15 HP)	1	Ea.	\$7,559	8
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)	2	Ea.	\$8,626	8
Exhaust Air	Roof Exhaust Fan - Large	1	Ea.	\$8,036	8
Heating System Supplementary Components	Controls - Pneumatic (Bldg.SF)	44,614	SF	\$152,526	10
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)	1	Ea.	\$4,313	10
Facility Hydronic Distribution	Pump- 10HP (Ea.)	1	Ea.	\$11,561	10
	<b>Sub Total for System</b>	<b>14</b>	<b>items</b>	<b>\$1,094,293</b>	

**Electrical**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Power Distribution	Motor Controller (Loads)	14	Ea.	\$25,719	5
Electrical Service	Transformer (112.5 KVA)	1	Ea.	\$9,908	5
Electrical Service	Transformer (15 KVA)	1	Ea.	\$5,358	5
Lighting Fixtures	Light Fixtures (Bldg SF)	44,614	SF	\$818,156	10
	<b>Sub Total for System</b>	<b>4</b>	<b>items</b>	<b>\$859,140</b>	

**Plumbing**

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Plumbing Fixtures	Restroom Lavatory	1	Ea.	\$2,716	4
Plumbing Fixtures	Sink - Service / Mop Sink	4	Ea.	\$3,184	4
Domestic Water Equipment	Backflow Preventers - 3/4 in. (Ea.)	2	Ea.	\$1,757	4
	<b>Note:</b> 1" Backflow				
Plumbing Fixtures	Refrigerated Drinking Fountain	4	Ea.	\$8,810	5
Domestic Water Equipment	Water Heater - Gas - 100 Gallon	2	Ea.	\$12,768	5
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)	44,614	SF	\$160,331	5
Plumbing Fixtures	Classroom Lavatory	2	Ea.	\$5,129	5
Plumbing Fixtures	Restroom Lavatory	10	Ea.	\$27,163	5
Plumbing Fixtures	Sink - Service / Mop Sink	1	Ea.	\$796	5
Plumbing Fixtures	Showers	5	Ea.	\$6,532	5
Plumbing Fixtures	Toilets	2	Ea.	\$10,119	5
Plumbing Fixtures	Urinals	1	Ea.	\$1,354	7
Domestic Water Equipment	Gas Piping System (BldgSF)	44,614	SF	\$1,547,002	10
Sanitary Sewerage Piping	Sanitary Sewer Piping	44,614	SF	\$49,532	10
	<b>Sub Total for System</b>	<b>14</b>	<b>items</b>	<b>\$1,837,192</b>	
	<b>Sub Total for Building 0061 - Automotive Mechanics, JROTC, Theater, &amp; Band Hall</b>	<b>40</b>	<b>items</b>	<b>\$4,396,713</b>	
	<b>Total for: Northeast ECHS</b>	<b>280</b>	<b>items</b>	<b>\$26,213,919</b>	

## Supporting Photos

### General Site Photos



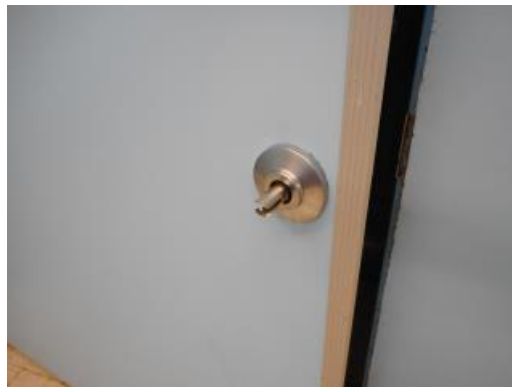
Damaged and broken lockers



Broken asphalt pavement



Damaged vinyl composition tiles



Interior door hardware damaged.