

FACILITY CONDITION ASSESSMENT

East Central Lower Elementary | November 2020





Jackson CS - East Central Lower Elementary

Executive Summary

East Central Lower Elementary, located at 5621 Hwy 614 in Hurley, Mississippi, oldest building is 22 years old (at time of 2020 assessment). It comprises 73,400 gross square feet.

The findings contained within this report are the result of an assessment of building systems 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 \$1,208,938. 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 East Central Lower Elementary the ten-year need is \$7,786,555.

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 Index (FCI). A 5-year FCI was calculated by dividing the 5-year need by the total replacement cost. Costs associated with new construction are not included in the FCI calculation. The East Central Lower Elementary facility has a 5-year FCI of 23.46%.

Summary of Findings

The table below summarizes the condition findings at East Central Lower Elementary

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 FCI |
|--------------|--------------------------------------|-------------------------|---------------------------|-----------------------------|---|---|---------------------|---------------|
| Exterior Sit | e | | | | | | | |
| | Exterior Site | \$78,714 | \$0 | \$700,164 | \$78,714 | \$778,878 | \$0 | |
| Permanent | Building(s) | | | | | | | |
| 01 | class, library,café,ofc | \$1,130,224 | \$3,510,251 | \$2,367,202 | \$4,640,475 | \$7,007,677 | \$20,114,540 | 23.07% |
| | Sub Total for Permanent Building(s): | \$1,130,224 | \$3,510,251 | \$2,367,202 | \$4,640,475 | \$7,007,677 | \$20,114,536 | |
| | Total for Site: | \$1,208,938 | \$3,510,251 | \$3,067,366 | \$4,719,189 | \$7,786,555 | \$20,114,536 | 23.46% |



Jackson CS - East Central Lower Elementary

Approach and Methodology

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

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

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

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

Facility Deficiency Priority Levels

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

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

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

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

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

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

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

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

| | | | Priority | | | | |
|----------------------|-----------|-----------|-----------|-----------|---------|-------------|------------|
| System | 1 | 2 | 3 | 4 | 5 | Total | % of Total |
| Site | \$0 | \$0 | \$63,989 | \$15,724 | \$4,599 | \$84,313 | 7.01 % |
| Roofing | \$0 | \$0 | \$25,501 | \$0 | \$0 | \$25,501 | 2.12 % |
| Structural | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 0.00 % |
| Exterior | \$0 | \$251,392 | \$10,108 | \$114,665 | \$0 | \$376,166 | 31.28 % |
| Interior | \$0 | \$0 | \$1,325 | \$210,393 | \$0 | \$211,718 | 17.61 % |
| Mechanical | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 0.00 % |
| Electrical | \$0 | \$0 | \$97,509 | \$0 | \$0 | \$97,509 | 8.11 % |
| Plumbing | \$0 | \$0 | \$0 | \$82,081 | \$0 | \$82,081 | 6.83 % |
| Fire and Life Safety | \$305,836 | \$0 | \$0 | \$0 | \$0 | \$305,836 | 25.44 % |
| Conveyances | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 0.00 % |
| Specialties | \$0 | \$0 | \$288 | \$19,007 | \$0 | \$19,295 | 1.60 % |
| Total: | \$305,836 | \$251,392 | \$198,720 | \$441,871 | \$4,599 | \$1,202,418 | |

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

| Exterior - | \$376,166 |
|------------------------|-----------|
| Fire and Life Safety - | \$305,836 |
| Interior - | \$211,718 |

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

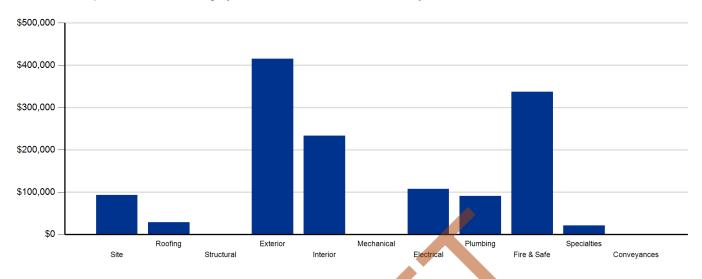


Figure 1: System Deficiencies



Jackson CS - East Central Lower Elementary

Life Cycle Capital Renewal Forecast

During the facility condition assessment, assessors inspected all major building systems. If an assessor identified a need for immediate replacement, a deficiency was created with the item's repair costs. The identified deficiency contributes to the facility's total current repair costs.

However, capital planning scenarios span multiple years, as opposed to being constrained to immediate repairs. Construction projects may begin several years after the initial facility condition assessment. Therefore, in addition to the current year repair costs, it is necessary to forecast the facility's future costs using a ten-year life cycle renewal forecast model.

Life cycle renewal is the projection of future building system costs based upon each individual system's expected serviceable life. Building systems and components age over time, eventually break down, reach the end of their useful lives, and may require replacement. While an item may be in good condition now, it might reach the end of its life before a planned construction project occurs.

The following tables show current deficiencies and the subsequent ten-year life cycle capital renewal projections. The projections outline costs for major building systems in which a component is expected to reach the end of its useful life and require capital funding for replacement.

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

| | | Life Cyc | e Capital Renewal Pr | ojections | | |
|----------------------|----------------|----------------|----------------------|----------------|----------------|-------------|
| System | Year 1 2021 | Year 2 2022 | Year 3 2023 | Year 4 2024 | Year 5 2025 | Total 1-5 |
| Site | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Roofing | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Exterior | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Interior | \$0 | \$0 | \$551,852 | \$206,658 | \$35,218 | \$793,728 |
| Mechanical | \$0 | \$0 | \$101,344 | \$545,777 | \$4,222 | \$651,343 |
| Electrical | \$0 | \$0 | \$0 | \$26,553 | \$1,230,830 | \$1,257,383 |
| Plumbing | \$0 | \$0 | \$17,839 | \$313,947 | \$130,435 | \$462,221 |
| Fire and Life Safety | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Conveyances | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Specialties | \$0 | \$345,576 | \$0 | \$0 | \$0 | \$345,576 |
| Total | \$0 | \$345,576 | \$671,035 | \$1,092,935 | \$1,400,705 | \$3,510,251 |

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

| | | | Life Cycle | Capital Renewal F | Projections | | | |
|----------------------|-------------|----------------|----------------|-------------------|----------------|-----------------|-------------|-------------|
| System | Total 1-5 | Year 6 2026 | Year 7 2027 | Year 8 2028 | Year 9 2029 | Year 10 2030 | Total 6-10 | Total 1-10 |
| Site | \$0 | \$200,658 | \$132,278 | \$0 | \$367,228 | \$0 | \$700,164 | \$700,164 |
| Roofing | \$0 | \$0 | \$0 | \$0 | \$0 | \$148,301 | \$148,301 | \$148,301 |
| Exterior | \$0 | \$0 | \$114,665 | \$0 | \$0 | \$72,080 | \$186,745 | \$186,745 |
| Interior | \$793,728 | \$92,570 | \$0 | \$208,374 | \$0 | \$286,017 | \$586,961 | \$1,380,689 |
| Mechanical | \$651,343 | \$518,230 | \$0 | \$45,905 | \$0 | \$17,371 | \$581,506 | \$1,232,849 |
| Electrical | \$1,257,383 | \$0 | \$0 | \$271,781 | \$0 | \$0 | \$271,781 | \$1,529,164 |
| Plumbing | \$462,221 | \$0 | \$0 | \$0 | \$0 | \$544,784 | \$544,784 | \$1,007,005 |
| Fire and Life Safety | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Conveyances | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Specialties | \$345,576 | \$0 | \$0 | \$47,124 | \$0 | \$0 | \$47,124 | \$392,700 |
| Total | \$3,510,251 | \$811,458 | \$246,943 | \$573,184 | \$367,228 | \$1,068,553 | \$3,067,366 | \$6,577,617 |

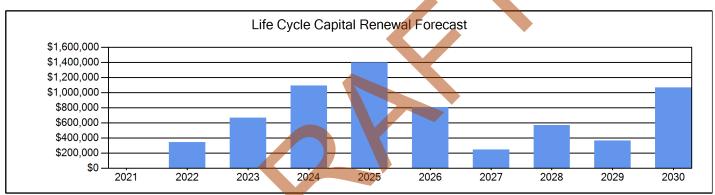


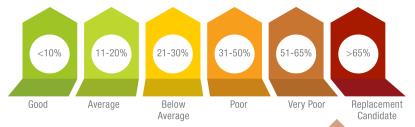
Figure 2: Ten Year Capital Renewal Forecast

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Facility Condition Index (FCI)

The Facility Condition Index (FCI) is used throughout the facility condition assessment industry as a general indicator of a building's health. Since 1991, the facility management industry has used an index called the FCI to benchmark the relative condition of a group of sites. The FCI is derived by dividing the total repair cost, including educational adequacy and site-related repairs, by the total replacement cost. A facility with a higher FCI percentage has more need, or higher priority, than a facility with a lower FCI. It should be noted that costs in the New Construction category are not included in the FCI calculation.



Financial modeling has shown that over a 30-year period, it is more cost effective to replace than repair sites with a FCI of 65 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 FCI 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, FCI 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.

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 FCI was calculated by dividing the 5-year need by the total replacement cost. Costs associated with new construction are not included in the FCI calculation.

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 Jackson, MS area. The estimated replacement cost for this facility is \$20,114,536. For planning purposes, the total 5-year need at the East Central Lower Elementary is \$4,719,189 (Life Cycle Years 1-5 plus the FCI deficiency cost). The East Central Lower Elementary facility has a 5-year FCI of 23.46%.

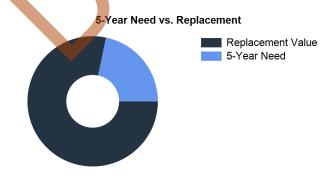


Figure 3: 5-Year FCI

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Repair Cost

Qty UoM Priority



East Central Lower Elementary - Deficiency Summary Site Level Deficiencies

SiteDeficiency

| Asphalt Drivavav Ba | | | | | | | |
|---|---|---|--------------------------------|---|--------------------------------|--|-----------------------|
| Asphalt Driveway Re | placement | Capital Renewal | 10,000 | SF | 3 | \$57,379 | 437 |
| Note: | Asphalt to be replaced to the North of cafeteria and in Southea | st corner of the main parking lot | | | | | |
| Concrete Walks Rep | lacement | Capital Renewal | 100 | SF | 3 | \$1,011 | 440 |
| Location | : Sidewalk to the East of main entry in the middle of ADA ramp to | o be replaced | | | | | |
| Fencing Replaceme | nt (8' - 10' high Chain Link Fence) | Capital Renewal | 200 | LF | 4 | \$13,982 | 407 |
| Note: | Top rail rusted throughout site and there are a few areas with d | lamaged sections to be replaced | | | | | |
| Gate Replacement | | Deferred Maintenance | 2 | Ea. | 4 | \$1,101 | 408 |
| Location | : 4 Ft walk gate to be replaced located in the Southwest corner of | of the playground area around H | /AC equip | ment | | | |
| Site Drainage Regra | ding | Deferred Maintenance | 500 | SF | 4 | \$642 | 439 |
| Location | : Area to the West of the cafeteria wing to be regraded | | | | | | |
| Paving Restriping | | Deferred Maintenance | 155 | CAR | 5 | \$4,599 | 438 |
| Note: | Faded throughout site | | | | | | |
| | | Sub Total for System | 6 | items | | \$78,714 | |
| | Sub Tot | tal for School and Site Level | 6 | items | | \$78,714 | |
| Buildina: 0 | 1 - class, library,café,ofc | | | | | | |
| Site | . • • • • • • • • • • • • • • • • • • • | | | | | | |
| Deficiency | | Category | Qty | UoM | Priority | Repair Cost | ID |
| • | Compliant - ADA Compliant Ramp Installation | ADA Compliance | | Ea. | 3 | \$5,599 | 810 |
| Note: | Ramp at stage does not exist. | | | | | | |
| | | Sub Total for System | 1 | items | | \$5,599 | |
| Roofing | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | *-, | |
| _ | | Cotogony | Otv | UoM | Driority | Panair Coat | ID |
| Deficiency Gutter Replacement | | Category Deferred | 1,300 | | Priority 3 | Repair Cost \$23,601 | 77 |
| Julier Replacement | | Maintenance | 1,500 | | 3 | Ψ20,001 | " " |
| | | | | | | | |
| Location | : Entire perimeter of building and south canopy gutters | | | | | | |
| Location Metal Downspout In: | | Deferred Maintenance | 90 | LF | 3 | \$1,900 | 78 |
| | | Maintenance | | | | | |
| Metal Downspout Ins | stallation At south drop off canopy there are dents in four downspouts. O | Maintenance | of the build | | | | |
| Metal Downspout In: Note: | stallation At south drop off canopy there are dents in four downspouts. O | Maintenance one downspout on the west side | of the build | ding is | | d one on the sou | |
| Metal Downspout In: Note: Exterior | stallation At south drop off canopy there are dents in four downspouts. O | Maintenance one downspout on the west side | of the build | ding is | | d one on the sou | |
| Metal Downspout In: Note: Exterior Deficiency | stallation At south drop off canopy there are dents in four downspouts. O of the building in the "U" shaped courtyard has fallen off. | Maintenance One downspout on the west side of Sub Total for System | of the build 2 Qty | ding is i | missing and | d one on the sou \$25,501 | th side |
| Metal Downspout In: Note: Exterior Deficiency | stallation At south drop off canopy there are dents in four downspouts. O of the building in the "U" shaped courtyard has fallen off. | Maintenance One downspout on the west side of Sub Total for System Category Capital Renewal | of the build 2 Qty 76 | ding is items | missing and | \$25,501 Repair Cost | th side |
| Note: Note: Exterior Deficiency Metal Exterior Door Note: | At south drop off canopy there are dents in four downspouts. O of the building in the "U" shaped courtyard has fallen off. Replacement Exterior doors are old, frames are worn, and hardware is const. | Maintenance One downspout on the west side of Sub Total for System Category Capital Renewal | of the build 2 Qty 76 | items UoM Door | missing and | \$25,501 Repair Cost | th side |
| Note: Note: Exterior Deficiency Metal Exterior Door Note: | At south drop off canopy there are dents in four downspouts. O of the building in the "U" shaped courtyard has fallen off. Replacement Exterior doors are old, frames are worn, and hardware is const. | Maintenance One downspout on the west side of Sub Total for System Category Capital Renewal antly requiring repair and replace Deferred Maintenance | Qty 76 ement. | items UoM Door | Priority 2 | \$25,501 Repair Cost \$251,392 | ID 187 |
| Note: Note: Exterior Deficiency Metal Exterior Door Note: Caulking Replaceme | At south drop off canopy there are dents in four downspouts. O of the building in the "U" shaped courtyard has fallen off. Replacement Exterior doors are old, frames are worn, and hardware is constant Every reveal/joint needs to be recaulked and repainted in the constant. | Maintenance One downspout on the west side of Sub Total for System Category Capital Renewal antly requiring repair and replace Deferred Maintenance | Qty 76 ement. | items UoM Door | Priority 2 | \$25,501 Repair Cost \$251,392 | ID 187 |
| Note: Note: Exterior Deficiency Metal Exterior Door Note: Caulking Replaceme | At south drop off canopy there are dents in four downspouts. O of the building in the "U" shaped courtyard has fallen off. Replacement Exterior doors are old, frames are worn, and hardware is constant Every reveal/joint needs to be recaulked and repainted in the constant. | Maintenance One downspout on the west side of Sub Total for System Category Capital Renewal antly requiring repair and replace Deferred Maintenance oncrete panel exterior wall. | 2 Qty 76 ement. 1,500 73,400 | items UoM Door | Priority 2 3 | \$25,501 Repair Cost \$251,392 \$10,108 | ID 187 80 |
| Note: Exterior Deficiency Metal Exterior Door Note: Caulking Replacement | At south drop off canopy there are dents in four downspouts. O of the building in the "U" shaped courtyard has fallen off. Replacement Exterior doors are old, frames are worn, and hardware is constant Every reveal/joint needs to be recaulked and repainted in the constant. | Maintenance One downspout on the west side of Sub Total for System Category Capital Renewal antly requiring repair and replace Deferred Maintenance oncrete panel exterior wall. Capital Renewal | 2 Qty 76 ement. 1,500 73,400 | items UoM Door LF | Priority 2 3 | \$25,501 Repair Cost \$251,392 \$10,108 | ID 187 80 |
| Note: Exterior Deficiency Metal Exterior Door Note: Caulking Replacement Note: Exterior Painting (Bleen | At south drop off canopy there are dents in four downspouts. O of the building in the "U" shaped courtyard has fallen off. Replacement Exterior doors are old, frames are worn, and hardware is constant Every reveal/joint needs to be recaulked and repainted in the constant. | Maintenance One downspout on the west side of Sub Total for System Category Capital Renewal antly requiring repair and replace Deferred Maintenance oncrete panel exterior wall. Capital Renewal | 2 Qty 76 ement. 1,500 73,400 3 | items UoM Door LF | Priority 2 3 4 Priority | \$25,501 Repair Cost \$251,392 \$10,108 | ID 187 80 |
| Note: Note: Exterior Deficiency Metal Exterior Door Note: Caulking Replacement Note: Exterior Painting (Bleen Contents) Interior Deficiency | At south drop off canopy there are dents in four downspouts. Of the building in the "U" shaped courtyard has fallen off. Replacement Exterior doors are old, frames are worn, and hardware is constent Every reveal/joint needs to be recaulked and repainted in the cody SF) | Maintenance One downspout on the west side of Sub Total for System Category Capital Renewal antly requiring repair and replace Maintenance oncrete panel exterior wall. Capital Renewal Sub Total for System | Qty 76 ement. 1,500 73,400 3 | items UoM Door LF SF items | Priority 2 3 | \$25,501 Repair Cost \$251,392 \$10,108 \$114,665 \$376,166 | ID 187 80 79 |
| Note: Note: Exterior Deficiency Metal Exterior Door Note: Caulking Replacement Note: Exterior Painting (Bleen Contents) Interior Deficiency | At south drop off canopy there are dents in four downspouts. Of the building in the "U" shaped courtyard has fallen off. Replacement Exterior doors are old, frames are worn, and hardware is constent Every reveal/joint needs to be recaulked and repainted in the cody SF) | Maintenance One downspout on the west side of Sub Total for System Category Capital Renewal antly requiring repair and replace Deferred Maintenance oncrete panel exterior wall. Capital Renewal Sub Total for System Category | Qty 76 ement. 1,500 73,400 3 | items UoM Door LF SF items | Priority 2 3 4 Priority | \$25,501 Repair Cost \$251,392 \$10,108 \$114,665 \$376,166 Repair Cost | ID 187 80 79 |
| Note: Note: Exterior Deficiency Metal Exterior Door Note: Caulking Replaceme Note: Exterior Painting (Ble Interior Deficiency Interior Door Hardwa | At south drop off canopy there are dents in four downspouts. Of the building in the "U" shaped courtyard has fallen off. Replacement Exterior doors are old, frames are worn, and hardware is constant Every reveal/joint needs to be recaulked and repainted in the codg SF) are Replacement Storage room door does not stay latched. | Maintenance One downspout on the west side of Sub Total for System Category Capital Renewal antly requiring repair and replace Deferred Maintenance oncrete panel exterior wall. Capital Renewal Sub Total for System Category | Qty 76 ement. 1,500 73,400 3 | items UoM Door LF SF items UoM Door | Priority 2 3 4 Priority | \$25,501 Repair Cost \$251,392 \$10,108 \$114,665 \$376,166 Repair Cost | ID 187 80 79 |
| Note: Exterior Deficiency Wetal Exterior Door Note: Caulking Replaceme Note: Exterior Painting (Ble Interior Deficiency Interior Door Hardwa Note: Acoustical Ceiling Ti | At south drop off canopy there are dents in four downspouts. Of the building in the "U" shaped courtyard has fallen off. Replacement Exterior doors are old, frames are worn, and hardware is constant Every reveal/joint needs to be recaulked and repainted in the codg SF) are Replacement Storage room door does not stay latched. | Maintenance One downspout on the west side of Sub Total for System Category Capital Renewal antly requiring repair and replace Maintenance oncrete panel exterior wall. Capital Renewal Sub Total for System Category Capital Renewal | 2 | items UoM Door LF SF items UoM Door | Priority 2 3 4 Priority 3 | \$25,501 Repair Cost \$251,392 \$10,108 \$114,665 \$376,166 Repair Cost \$1,325 | ID 187 80 79 ID 86 |

Category



Jackson CS - East Central Lower Elementary

Interior

| Interior Toilet Partition Repair | Deferred Maintenance | 2 E | =a | 4 | ©0.500 | |
|--|-------------------------------|------------|---------|----------|---------------|-----|
| | ivialiteriarice | | | 7 | \$3,599 | 83 |
| Note: Veneer is chipped | | | | | | |
| Vinyl Composition Tile Replacement | Capital Renewal | 5,200 \$ | SF | 4 | \$37,945 | 186 |
| Note: VCT is separating at seams and has large gaps of separation. VCT is | s cracking in cafeteria, kitc | hen and on | e class | sroom. | | |
| | Sub Total for System | 5 i | items | | \$211,718 | |
| Electrical | | | | | | |
| Deficiency | Category | Qty l | JoM | Priority | Repair Cost | ID |
| Lightning Protection System Installation | Functional Deficiency | 73,400 \$ | SF | 3 | \$51,146 | 76 |
| Public Address System Replacement, Non-main Building | Deferred Maintenance | 73,400 \$ | SF | 3 | \$46,363 | 88 |
| | Sub Total for System | 2 i | items | | \$97,509 | |
| Plumbing | | | | | | |
| Deficiency | Category | Qty l | UoM | Priority | Repair Cost | ID |
| Refrigerated Water Cooler Replacement | Capital Renewal | 6 E | | 4 | \$11,791 | 90 |
| Note: Update 6 water fountains - 3 on first hall and 3 on second hall | | | | | | |
| Restroom Lavatories Plumbing Fixtures Replacement | Capital Renewal | 29 E | Ēa. | 4 | \$70,289 | 72 |
| Note: The porcelain coating on the lavatories is peeling, causing the drain a | area to rust. | | | | | |
| | Sub Total for System | 2 i | items | | \$82,081 | |
| Fire and Life Safety | | | | | | |
| Deficiency | Category | Qty l | UoM | Priority | Repair Cost | ID |
| Emergency Lighting Installation | Functional Deficiency | 73,400 \$ | | 1 | \$51,084 | 75 |
| Fire Alarm Replacement | Capital Renewal | 73,400 \$ | SF | 1 | \$103,995 | 74 |
| Security Alarm Is Missing | Functional Deficiency | 73,400 \$ | SF | 1 | \$150,757 | 73 |
| | Sub Total for System | 3 i | items | | \$305,836 | |
| Technology | | | | | | |
| Deficiency | Category | Qty l | IIoM | Priority | Repair Cost | ID |
| Public Address System Head-End Requires Replacement | Functional Deficiency | 1 E | | 3 | \$6,520 | 89 |
| Table Address System Fload End Requires Replacement | Sub Total for System | | items | Ü | \$6,520 | 00 |
| Charinities | y cub rotal for cyclom | | | | ψ0,020 | |
| Specialties | • | 0 | | 5 | 5 . 6 . | |
| Deficiency Country Heights Forced Manipure ADA Heights Review and Manifer Fully | Category | Qty l | | Priority | Repair Cost | ID |
| Counter Heights Exceed Maximum ADA Height Requirements (Modify Full) | ADA Compliance | 5 L | _Ի | 3 | \$288 | 809 |
| Note: No ADA height counter present. | Deferred | 20.1 | Daam | 4 | ¢40.007 | 07 |
| Repair Cabinetry In Classes/Labs | Deferred Maintenance | 22 F | Room | 4 | \$19,007 | 87 |
| Note: Half of classrooms have chipped and peeling veneer. | | | | | | |
| | Sub Total for System | 2 i | items | | \$19,295 | |
| Sub Total for Building 01 | - class, library,café,ofc | 21 i | items | | \$1,130,224 | |
| | Total for Campus | | items | | \$1,208,938 | |

Repair Cost Remaining Life

\$148,301



East Central Lower Elementary - Life Cycle Summary Yrs 1-10 Site Level Life Cycle Items

LC Type Description

Metal Awning

Site

| Uniformat Description | LC Type Description | | Qty | UoM | Repair Cost | Remaining Life |
|-----------------------|--------------------------------|--------------------------|--------|-------|-------------|----------------|
| Parking Lot Pavement | Asphalt | | 155 | CAR | \$200,658 | 6 |
| Fences and Gates | Fencing - Chain Link (4 Ft) | | 70 | LF | \$2,948 | 7 |
| Fences and Gates | Fencing - Chain Link (8-10 Ft) | | 1,850 | LF | \$129,330 | 7 |
| Roadway Pavement | Asphalt Driveways | | 64,000 | SF | \$367,228 | 9 |
| | | Sub Total for System | 4 | items | \$700,163 | |
| | | Sub Total for Building - | 4 | items | \$700 163 | |

Building: 01 - class, library,café,ofc

Roofing

Canopy Roofing

Uniformat Description

| | | Sub Total for System | 1 items | \$148,301 |
|----------------------------|-----------------------------------|----------------------|-----------|----------------------------|
| Exterior | | | | |
| Uniformat Description | LC Type Description | | Qty UoM | Repair Cost Remaining Life |
| Exterior Wall Veneer | Exterior Painting - Bldg SF basis | | 73,400 SF | \$114,665 7 |
| Exterior Operating Windows | Aluminum - Windows per SF | | 810 SF | \$72,080 10 |
| | | Sub Total for System | 2 items | \$186,745 |

Qty UoM

4,100 SF

Interior

| Uniformat Description | LC Type Description | Qty | / UoM Repair Cos | Remaining Life |
|--|-----------------------------------|-------------------------|---------------------|----------------|
| Acoustical Suspended Ceilings | Ceilings - Acoustical Tiles | 58,720 | SF \$176,930 | 3 |
| Resilient Flooring | Vinyl Composition Tile Flooring | 51,380 | SF \$374,922 | 3 |
| Interior Door Supplementary Components | Door Hardware | 156 | 5 Door \$206,658 | 4 |
| Wall Painting and Coating | Painting/Staining (Bldg SF) | 8,808 | 3 SF \$35,218 | 5 |
| Tile Flooring | Ceramic Tile | 5,872 | 2 SF \$92,570 | 6 |
| Acoustical Suspended Ceilings | Ceilings - Acoustical Tiles | 13,212 | 2 SF \$39,809 | 8 |
| Suspended Plaster and | Painted ceilings | 1,468 | 3 SF \$2,728 | 8 |
| Carpeting | Carpet | 14,680 | SF \$165,837 | 8 |
| Acoustical Suspended Ceilings | Ceilings - Acoustical Grid System | 58,720 | SF \$218,191 | 10 |
| Interior Swinging Doors | Metal Door (Steel) | | 5 Door \$15,493 | 10 |
| Interior Swinging Doors | Wooden Door | 150 | Door \$52,333 | 10 |
| | | Sub Total for System 11 | l items \$1,380,689 |) |

Mechanical

| Uniformat Description | LC Type Description | | Qty | UoM | Repair Cost | Remaining Life |
|---|--|----------------------|--------|-------|-------------|----------------|
| Heating System Supplementary Components | Controls - Electronic (Bldg.SF) | | 73,400 | SF | \$101,344 | 3 |
| Decentralized Cooling | Condenser - Outside Air Cooled (8 Tons) | | 2 | Ea. | \$20,677 | 4 |
| Decentralized Cooling | Fan Coil - DX Cool w/Electric Heat (3 Ton) | | 40 | Ea. | \$70,314 | 4 |
| Decentralized Cooling | Heat Pump (5 Ton) | | 30 | Ea. | \$324,847 | 4 |
| Decentralized Cooling | Heat Pump (5 Ton) | | 12 | Ea. | \$129,939 | 4 |
| Exhaust Air | Wall Exhaust Fan | | 1 | Ea. | \$4,222 | 5 |
| HVAC Air Distribution | Ductwork (Bldg.SF) | | 73,400 | SF | \$518,230 | 6 |
| Decentralized Cooling | Heat Pump (12 Ton) | | 2 | Ea. | \$45,905 | 8 |
| Exhaust Air | Interior Ceiling Exhaust Fan | | 40 | Ea. | \$17,371 | 10 |
| | | Sub Total for System | a | itome | \$1 232 RAQ | |

Electrical

| Uniformat Description | LC Type Description | Qty UoM | Repair Cost Rem | aining Life |
|-----------------------|--|-----------|-----------------|-------------|
| Lighting Fixtures | Building Mounted Fixtures (Ea.) | 33 Ea. | \$26,553 | 4 |
| Lighting Fixtures | Canopy Mounted Fixtures (Ea.) | 16 Ea. | \$29,738 | 5 |
| Lighting Fixtures | Light Fixtures (Bldg SF) | 73,400 SF | \$1,201,092 | 5 |
| Electrical Service | Switchgear - Main Dist Panel (2000 Amps) | 1 Ea. | \$58,426 | 8 |
| Electrical Service | Transformer (112.5 KVA) | 1 Ea. | \$8,841 | 8 |
| Electrical Service | Transformer (30 KVA) | 1 Ea. | \$4,925 | 8 |
| Electrical Service | Transformer (75 KVA) | 1 Ea. | \$6,503 | 8 |
| Power Distribution | Distribution Panels (400 Amps) | 2 Ea. | \$30,169 | 8 |

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Jackson CS - East Central Lower Elementary

Electrical

| Uniformat Description | LC Type Description | | Qty | UoM | Repair Cost | Remaining Life |
|--------------------------|--|----------------------|--------|-------|-------------|----------------|
| Power Distribution | Panelboard - 120/208 400A | | 2 | Ea. | \$22,025 | 8 |
| Power Distribution | Panelboard - 120/208 100A | | 1 | Ea. | \$2,482 | 8 |
| Power Distribution | Panelboard - 120/208 225A | | 6 | Ea. | \$29,444 | 8 |
| Power Distribution | Panelboard - 277/480 600A | | 2 | Ea. | \$32,519 | 8 |
| Power Distribution | Panelboard - 277/480 100A | | 3 | Ea. | \$17,905 | 8 |
| Power Distribution | Panelboard - 277/480 225A | | 7 | Ea. | \$58,542 | 8 |
| | | Sub Total for System | 14 | items | \$1,529,164 | |
| Plumbing | | | | | | |
| Uniformat Description | LC Type Description | | Qty | UoM | Repair Cost | Remaining Life |
| Domestic Water Equipment | Water Heater - Electric - 20 gallon | , | 1 | Ea. | \$1,416 | 3 |
| Domestic Water Equipment | Water Heater - Gas - 300 Gallon | | 1 | Ea. | \$16,423 | 3 |
| Plumbing Fixtures | Refrigerated Drinking Fountain | | 3 | Ea. | \$5,896 | 4 |
| Plumbing Fixtures | Sink - Service / Mop Sink | | 4 | Ea. | \$2,841 | 4 |
| Plumbing Fixtures | Toilets | | 66 | Ea. | \$297,960 | 4 |
| Plumbing Fixtures | Urinals | | 6 | Ea. | \$7,250 | 4 |
| Plumbing Fixtures | Classroom Lavatory | | 57 | Ea. | \$130,435 | 5 |
| Domestic Water Equipment | Gas Piping System (BldgSF) | | 10,000 | SF | \$309,411 | 10 |
| Domestic Water Piping | Domestic Water Piping System (Bldg.SF) | | 73,400 | SF | \$235,373 | 10 |
| | | Sub Total for System | 9 | items | \$1,007,004 | |
| Specialties | | | | | | |
| Uniformat Description | LC Type Description | | Qty | UoM | Repair Cost | Remaining Life |
| Casework | Fixed Cabinetry | | 44 | Room | \$345,576 | 2 |
| Casework | Fixed Cabinetry | | 6 | Room | \$47,124 | 8 |
| | | Sub Total for System | 2 | items | \$392,700 | |
| | | | | | | |

Sub Total for Building 01 - class, library,café,ofc

Total for: East Central Lower Elementary

48 items

52 items

\$5,877,451

\$6,577,614

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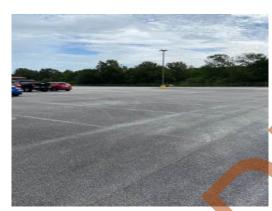
Supporting Photos



Cracked sidewalk east of main entry



Worn asphalt parking area



Faded striping, typical throughout parking lot



Elevation



Gutter rusted with holes



Missing downspout

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Jackson CS - East Central Lower Elementary





Concrete panel joint needs recaulking



Worn exterior doors



North side of building crack in wall at door



Water damaged carpet



VCT separating at seams



Peeling veneer in computer lab