# LONG RANGE FACILITIES PLAN

Dall

2Na+Uz

#### AUGUST 2023

#### **Prepared For:**

Sierra Sands Unified School District 113 W. Felspar Avenue Ridgecrest, CA 93555



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### A C K N O W L E D G M E N T S

On behalf of Cooperative Strategies, we would like to extend our appreciation to the Sierra Sands Unified School District for the opportunity to assist them in the review and update of their Long-range Facilities Plan Report. As a planning team, we hope that this document will serve the Sierra Sands Unified School District for years to come.

#### COOPERATIVE STRATEGIES

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### EXECUTIVE SUMMARY

#### PROCESS

#### 1. Building Analysis

In 2019, Cooperative Strategies, with the assistance of JACOBS Engineering, assessed all the Sierra Sands Unified School District facilities. The assessments included an evaluation of the physical school building systems, as identified with Uniformat Level III. This non-destructive assessment evaluated such major building systems as: foundations, roofing, flooring, doors, windows, walls, electrical, HVAC, plumbing, fire protection, communication systems, furniture, fixtures, and equipment. The facility site was also assessed to identify the condition of the following: school site roadways, parking lots, pedestrian walkways, fencing, site lighting, and utilities.

In addition to the physical condition assessments, a school safety audit and ADA assessment were performed. The safety audit focused on whether there were clearly defined drop-off / pick-up areas, appropriate levels of lighting and clear lines of sight for administration to monitor main entrances to the buildings. The ADA assessment focused on ADA accessibility into the school, as well as ADA compliance throughout the facility.

In July 2019, Sierra Sands Unified School District experienced an earthquake that impacted several district facilities. Richmond Elementary School and Gateway Elementary School both suffered damage from the earthquake. Richmond Elementary remains vacant. Ground has been broken for the construction of a new Richmond Elementary School. Completion of facility is targeted for January 2025.

Therefore, in response to the earthquake and its impact on district facilities, the Sierra Sands Unified School District requested Cooperative Strategies to review and update the 2019 Facilities Master Plan recommendations. The Sierra Sands Unified School District also requested an update to the Facilities Condition Assessments of all district facilities.

Facilities' issues were clearly identified and are included in this update and are aligned with the revised final recommendations section of this report. Comprehensive assessment findings can be found in Appendix A.

#### 2. Enrollment Projections

In May 2019, Cooperative Strategies developed 10-year enrollment projections for the Sierra Sands Unified School District using the cohort survival methodology. The cohort survival method is a widely used methodology used to project TK-12 enrollment. This methodology uses historical live birth data and historical student enrollment to age a

known population throughout the school grades. The percentage of students who move from grade to grade, year to year (survival ratios) are analyzed to determine a projection ratio that is applied to current and future enrollment to develop the enrollment projections. The cohort survival methodology inherently considers the net effects of historical trends in migration, housing, dropouts, transfers to and from charter schools, open enrollment, and deaths. This methodology does not assume changes in policies, program offerings, or future changes in housing and migration patterns.

Enrollment in the Sierra Sands Unified School District decreased by 293 students from 2009-10 to the 2018-19 school year. Enrollment for grades TK – 12 was 5,118 students in the 2018-19 school year.

It was projected at the time of the enrollment study that the district would experience flat to a slight decline in enrollment through 2028-29. Sierra Sands School District did experience a COVID loss in students during the 2020-21 school year, with a total enrollment of 4,940 but rebounded this school year 2022-23, with an enrollment level of 5,100. Based on the cohort survival methodology, TK – 12 enrollment is projected to decrease over the next ten years to 4,765 students in the 2028-29 school year.

There are many factors that can influence student enrollment including, but not limited to, changes or additions in program offerings, attendance boundary changes. student transfer policy changes, housing activity, school openings and/or closures, etc. It is important to keep a close eye on these trends as they are difficult to predict, and they do have an impact on projected enrollment. For a more in-depth summary of the enrollment projections, please see Appendix B.

#### 3. Capacity and Utilization Analysis

A capacity was calculated for each educational facility in the Sierra Sands Unified School District. This analysis involved analyzing all spaces within each facility, and allocating the number of students that can fit in each space. This information was then used to determine the utilization of each building. Utilization is determined by dividing the enrollment by the calculated capacity value. The Enrollment Report may be found in Appendix B.

#### 4. Board Presentation

The updated facilities master plan was provided to staff in May 2023. It is planned for the board to receive the update to the facilities master plan in September 2023.

### **RECOMMENDATIONS**

#### FACILITIES MASTER PLAN 2019

The following were the over-arching facility recommendations for the Sierra Sands Unified School District in 2019. Recommendations were based on District Vision, Facilities Master Plan Committee feedback, and Board input.

- Close James Monroe Middle School due to condition needs
- Renovate Monroe site for District administration offices
- Add a 250 student-station addition to Murray Middle School to accommodate all the district's 7th and 8th grade students
- 6<sup>th</sup> graders will attend their zoned elementary schools with additional administrators at each building
- The Vieweg site will be used as elementary space if needed
- One classroom at each elementary school will be reclaimed as a music classroom
- Relocatable units will be added to elementary campuses if necessary
- Elementary schools will be redistricted to balance utilization among schools
- Renovate the Performing Arts Center (PAC) at the High School
- Renovate athletic facilities
- Renovate Mesquite High School due to condition needs

#### **2023 UPDATE FACILITIES MASTER PLAN**

The following are the updated Facilities Master Plan recommendations on the Sierra Sands Unified School District's facilities and realign the Facilities Master Plan to support student learning.

- ESSER III fund (\$5.5 million) provided for upgrades to air handlers and replacement of HVAC at Los Flores, Faller, Pierce, and Inyokern Elementary Schools. Completed summer, 2023.
- Richmond Elementary School to be rebuilt with Federal dollars:
  - 505 Capacity TK-5 grade
     77,583 sq feet five one-story buildings
     \$97 million estimated cost. Expect 80% of funding from Department of
     Defense Office of Local Defense Community Cooperation (OLDCC)
     Completion date is January 2025
- Fall, 2026-27, Pierce Elementary School or Vieweg Elementary School will be replaced. Expected funding includes both federal and local support.

- Current construction costs are approximately \$1,210 per sq. ft. Assuming a 100,000 sq. ft. facility, the current cost to build a one story, 5 building facility, is estimated at \$121 million dollars. Expect 80% of funding from Department of Defense Office of Local Defense Community Cooperation (OLDCC) In this example, the federal government's portion would be approximately \$96.8 million, with \$24.2 million to be provided by the district through a bond initiative.
   \*Escalation of cost should be considered in the budget process. For example, if costs increase 5% a year over three years, the estimated cost of the facility would increase to approximately \$140 million dollars. The percentage share of project costs at the federal and local levels would adjust accordingly.
- Fall, 2025, Close James Monroe Middle School.
- Fall, 2025, Add 175-student station addition to Murray Middle School to accommodate all the district's 7th and 8th grade students.
  - Option 1: Add 5 relocatables to provide additional classroom space. This option's cost ranges from \$2 to \$3 million dollars.
  - Option 2: Add 5 permanent modulars to provide additional classroom space. This option's cost ranges from \$6 to \$10 million dollars.
- Fall, 2025, Redistrict across all grade levels to rebalance utilization.
- Continue to add relocatables on permanent foundation at elementary schools to support universal TK implementation.
  - Cost of relocatables to accommodate TK classrooms currently ranges from \$500,000 to \$750,000 per unit.

As the district moves forward with the implementation of its long-range plan, adjustments to costs of projects will be necessary to ensure adequate local funding support is secured.

#### Risk Mitigation Strategy - Risk of Systemic Failure at Monroe Middle School

Monroe Middle School, built in 1950, has a current Facility Condition Index of 97.5%. It is well past the replacement window with significant system needs. Many of the integral systems have reached the end of their life cycle. Those systems well past their life cycles include domestic water distribution and sanitary waste systems, water supply, electrical service and distribution switchgear, and lighting/wiring systems, all in need of full replacement. If one or more of the major systems were to fail, the school would no longer be available to serve students.

Should a systemic failure take place at Monroe Middle School, the plan is to put the 6<sup>th</sup> graders at Richmond Elementary School and the 7<sup>th</sup> and 8<sup>th</sup> graders at Burroughs High School.

### FACILITIES ASSESSMENTS

**Overview.** CS reassessed all the district's facilities in the Spring of 2022. The following detail by school reflects the assessments and the identified facility needs by school. The assessments identified the immediate needs for each facility, those upgrades that are necessary within the next 2-5 years and the long-range need within the next ten years. The priorities for each of the facilities are categorized within that framework. The total Condition Budget to address the deficiencies at each site incorporates development costs.

In addition to the facility needs identified for each school on the following pages, Sierra Sands School District has a number of priorities at the elementary level. The district seeks to move the sixth graders from the middle schools to the elementary schools, to provide for a TK-6 structure across the district. This reconfiguration would reduce the number of students that will need to be served at the middle school level. Monroe Middle School is in the greatest need of replacement, with a facility condition index of 97%. By shifting sixth grade students to elementary schools, a new Monroe Middle School similar to Murray Middle School would alleviate the over utilization level at Murray Middle School and provide a quality learning space for all middle school students in the district.

There are a few challenges associated with the reconfiguration of elementary schools. One issue is the certification of teachers to teach at the primary level versus the secondary level. Another is the increased utilization level at the elementary level that may impact students' learning experiences. This may be alleviated by rebuilding Pierce Elementary School to serve a similar population size as planned for at the new Richmond Elementary School. Boundary reconfiguration may also be used to alleviate overcrowding issues at elementary schools should sixth grade shift to the elementary schools.

Another component for consideration is the district's priority to provide music at the elementary level. This priority requires a dedicated music classroom at each of the elementary schools.

The costs associated with the repurposing of a classroom to a dedicated music room at each school and the reconfiguration of elementary to TK-6 are not incorporated in the costs identified to address the individual school's current facility deficiencies.

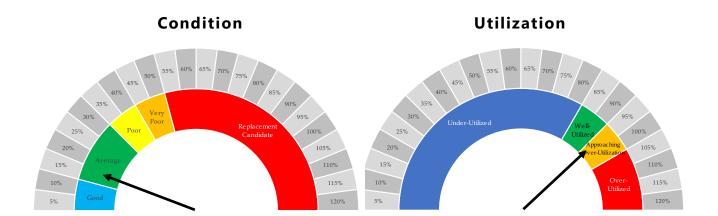
#### Faller Elementary School

Faller Elementary School is 43,108 square feet and is 56 years old. The facility is in average condition, with an FCI of 17.9% and is well utilized at a 97% level and projected to stay at that level through 2028-29.

It is recommended that Faller Elementary School change grade configuration from K-5 to TK-6. Additional relocatable units were added to the site since 2019, providing for a total portable capacity of 224 spaces. For consideration is a boundary adjustment for Faller to balance utilization among all elementary schools.

The following page provides a table with the projects necessary to bring the facilities condition index down to zero, as well as summary of the condition of each major system within the facility. The facility projects are separated into three distinctive categories: immediate need("I"), short term("S") (2-5 years) and long-term("L"), beyond 5 years. The full assessment can be found in Appendix A.

School	Faller Elementary School
Address	1500 West Upjohn Ave.
Year Built	1966
GSF	43,108 sq ft
Replacement Cost	\$56,277,239
Condition Budget	\$10,071,517
Facility Condition Index (FCI)	17.9%
Grade Configuration	K-5
2022-23 Student Enrollment	543
Permanent Program Capacity	336
Relocatable Capacity	224 - 5 portables
Utilization w/portables	97%



## Based on facility assessment data, the following projects are prioritized and recommended for Faller Elementary School:

			Necessity	
Level	Туре	Amount	Ranking (I,S,L)	Notes
B2030 Exterior Doors	Hollow Metal	\$26,034	I	Hardware poor- 15, 16, 19, 20. Restroom door grill rusty.
B3020 Roof Openings	Access Hatch	\$990	I	Replace fall protection rails around access hatch, actual hatch is ok
D3020 Heat Generating Systems		\$853,538	I	Original electrical distribution that has reached its end of life. Parts will be difficult to obtain and repair faulted equipment.
D5020 Lighting and Branch Wiring		\$1,280,308	I	Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the offices and portables for evacuation. Circuits in Room 2 under the boards are not functional
G2040 Site Development		\$142	1	Push bar near preschool was not functional
G4020 Site Lighting		\$240,058	I	Exterior lighting controls does not comply with the current Title 24 for lighting throughout the campus. Additional lighting is suggested in unlit areas for security purposes, such as between buildings and behind modulars. It is suggest to furnish the exterior egress lighting above doors with photocell (auto control) and emergency battery pack for emergency purposes. Exterior soffit lights at the entrance of the main building are not functional.
B2010 Exterior Walls	Framed w/Panel Siding	\$400,096	S	Portable exteriors aging
	Framed w/Stucco	\$3,628	S	Minor issue; small crack above restroom door near rm 8
B2020 Exterior Windows	Aluminum/Steel	\$2,133,846	S	Single pane
B3010 Roof Coverings	Asphalt Shingle	\$5,668	S	Lounge has several leaks and has no spray foam.
	Metal	\$1,226,961	S	Leaks occurring, portables are 8 years old but exterior is aging
C3020 Floor Finishes	Carpet / Soft Surface	\$25,278	S	Replace carpet in Lounge
C3030 Ceiling Finishes	Lay-In Ceiling Tile	\$51,012	S	Stained tiles various rooms including 4, 9, 11, 12, 13, 17, 22, 23, 24,
D2020 Domestic Water Distribution		\$800,192	S	Low water pressure.
G2010 Roadways		\$72,982	S	Some cracking, uneven in areas
G2020 Parking Lots		\$143,859	S	Some cracking, uneven in areas
B30 Roofing	Single Ply	\$33,608	L	Very good condition, only concern is at penetrations of the foam around equipment. And 19% was assumed for café roofing with spray foam on top.
Total Immediate (I)		\$2,401,070		
Total Short-tem (S)		\$4,863,523		
Total Long-tem (L)		\$33,608		
Tota		\$7,298,201		

#### **Gateway Elementary School**

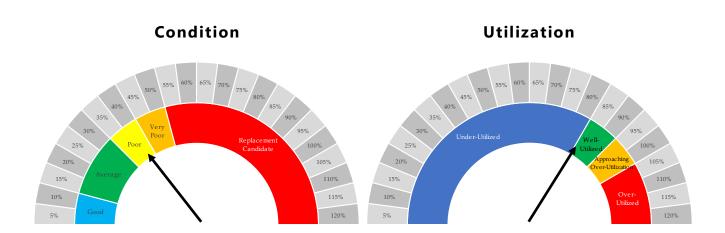
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Gateway Elementary School is 39,708 square feet and is 31 years old. The facility is in poor condition and has a utilization level of 82%. Utilization level is projected to decline to 73% in 2028-29.

It is recommended that Gateway Elementary School change its grade configuration from K-5 to TK-6. The permanent capacity of the building is 392. Relocatable capacity provides for an additional 56 spaces. Relocatable units can be added on the site if necessary to address 6th grade students. The boundary for Gateway should be adjusted as to balance utilization among all elementary schools.

The following page provides a table with the projects necessary to bring the facilities condition index down to zero, as well as summary of the condition of each major system within the facility. The facility projects are separated into three distinctive categories: immediate need("I"), short term("S") (2-5 years) and long-term("L"), beyond 5 years. The full assessment can be found in Appendix A.

School	Gateway Elementary School		
Address	501 South Gateway Blvd.		
Year Built	1991		
GSF	39,708 sq ft		
Replacement Cost	\$51,838,559		
Condition Budget	\$18,033,540		
Facility Condition Index (FCI)	34.8%		
Grade Configuration	К-5		
2022-23 Student Enrollment	367 *this number includes 16 TK		
Permanent Program Capacity	392		
Relocatable Capacity	56 students – 3 portables		
Utilization	83%		



## Based on facility assessment data, the following projects are prioritized and recommended at Gateway Elementary School:

			Necessity	
Level	Type	Amount	Ranking (I,S,L)	Notes
B2010 Exterior Walls	Framed w/Stucco	\$43,242	I	Sporadic stucco cracking throughout the facility. March 2022.
				The heat pumps in the modular have reached their end of life. No heat in the
				staff restrooms plan southwest of the building attached south of the Library.
D3010 Energy Supply	Air Handler (RTUs', Heat F	\$294,832	I	Foul smell in the men's restroom in the staff restroom.
	Component of AHU			
	(RTU's, Heat Pumps, Split			
D3030 Cooling Generating Systems	Sys)	\$294,832	I	The heat pumps in the modular have reached their end of life.
D3040 Distribution Systems	Ductwork	\$393,109	I	
				Air issue in the Principals Office and the three adjoining offices plan south of
D3070 Systems Testing & Balancing		\$49,139	I	the Principal's Office, too hot
D4010 Sprinklers		\$552,810		Required in other buildings, except multipurpose building
D4020 Standpipes		\$294,832	I	Required in other buildings, except multipurpose building
D5020 Lighting and Branch Wiring		\$2,948,319	I	Lights are old T-8s, controls need replaced.
				Additional security cameras are needed in areas of the campus for securioty
D5030 Communications & Security	Closed Circuit Surveillance	\$12,285	I	purposes. March 2022.
E2020 Movable Furnishings		\$2,211,239	I	Replace old desks that slam shut
				Additional lighting is suggested in unlit areas for security purposes, such as
				between buildings and behind modulars. It is suggest to furnish the exterior
				egress lighting above doors with photocell (auto control) and emergency
G4020 Site Lighting		\$147,416	I	battery pack for emergency purposes.
C3030 Ceiling Finishes	Lay-In Ceiling Tile	\$82,921	S	Stain Rm 15c, 20 c, 12b, 13b, 11b, 10b, 9b (and missing tile), K rooms, 14a, 6a
D3020 Heat Generating Systems	Boiler (Water Htrs)	\$393,109	S	Water heaters in the individual buildings are reaching their end of life.
E2010 Fixed Furnishings		\$184,270	S	Original countertops
G2010 Roadways		\$93,122	S	Parking lot/roadway needs sand and slurry coat to fill cracks throughout.
G2020 Parking Lots		\$79,819	S	Parking lot/roadway needs sand and slurry coat to fill cracks throughout.
B2020 Exterior Windows	Aluminum/Steel	\$1,965,546	L	Single Pane
B3010 Roof Coverings	Single Ply	\$3,026,941	L	Reaching end of life, leaks occurring
Total Immediate (I)		\$7,242,054		
Total Short-tem (S)		\$833,241		
Total Long-tem (L)		\$4,992,487		
Tota	1	\$13,067,782		

Costs are based on 2022 estimates.

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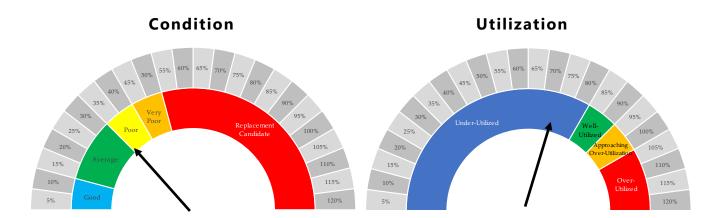
#### Inyokern Elementary School

Inyokern Elementary School is 25,918 square feet and is 73 years old. The facility is in poor condition with an FCI of 32.5% and is underutilized at 73%. Projected utilization level is expected to reach 92% in 2028-29.

It is recommended that Inyokern Elementary School change its grade configuration from K-5 to TK-6. The permanent capacity of the building is 224. Relocatable units can be added on the site if necessary to address 6th grade students. The boundary for Inyokern should be adjusted as to balance utilization among all elementary schools.

The following page provides a table with the projects necessary to bring the facilities condition index down to zero, as well as summary of the condition of each major system within the facility. The facility projects are separated into three distinctive categories: immediate need("I"), short term("S") (2-5 years) and long-term("L"), beyond 5 years. The full assessment can be found in Appendix A.

School	Inyokern Elementary School		
Address	6601 Locust St		
Year Built	1949		
GSF	25,918		
Replacement Cost	\$33,835,796		
Condition Budget	\$10,994,882		
Facility Condition Index (FCI)	32.5%		
Grade Configuration	K-5		
2022-23 Student Enrollment	164 *this number includes 2 TK		
Permanent Program Capacity	224		
Relocatable Capacity	3 portables		
Utilization	78%		



## Based on facility assessment data, the following projects are prioritized and recommended at Inyokern Elementary School:

Level	Туре	Amount	Necessity Ranking (I,S,L)	Notes
				Sporadic stucco cracking throughout the facility. Patch and paint
B2010 Exterior Walls	Framed w/Stucco	\$12,829	I.	recommended. March 2022.
B3020 Roof Openings	Access Hatch	\$11,602	I	Very poor condition. Cost update March 2022.
D2010 Plumbing Fixtures		\$280,643	I	Non public fixtures are not ADA compliant.
		,		Sanitary lines running under building 15, the city lines need to be replaced due
D2030 Sanitary Waste		\$481,103	I	to deterioration.
D2040 Rain Water Drainage		\$48,110	I	Roof leaks in the Library ceiling
D5010 Electrical Service & Distribution		\$64,147	I	Panel board 'DR' on the roof of the library has reached its end of life. Blank filler plates are missing and upon future failures, parts will be difficult to locate and repair.
D5020 Lighting and Branch Wiring		\$1,539,529	I	Repair fixture in Classroom 4, fixture lens cover has come off hinges. Additional exit signs suggested in classrooms for optional egress exiting and emergency lighting on battery packs upon the loss of normal in the event of emergencies. Upgrade to LED lighting system throughout the campus - March 2022.
G3020 Sanitary Sewer		\$160,368	I	Sanitary lines running under building 15, the city lines need to be replaced due to deterioration.
B2010 Exterior Walls	Framed w/Panel Siding	\$962,206	S	Wood wall paneling is worn
B2020 Exterior Windows	Wood	\$641,471	S	Café building windows poor condition
B2020 Exterior Windows	Aluminum/Steel	\$1,026,353	S	Single Pane
B3010 Roof Coverings	Asphalt Shingle	\$48,110	S	Some leaks in library and rm 12
B3010 Roof Coverings	Single Ply	\$117,870	S	Rollup above room 15 end of life. Wood flashing/eave is deteriorating across multiple areas of the campus - March 2022.
B3010 Roof Coverings	Metal	\$1,443,309	S	Offices and buildings perpendicular
C3020 Floor Finishes	Resilient Tile	\$4,009	S	Room 1 has stained worn tiles
C3020 Floor Finishes	Wood Sports Floor	\$182,819	S	Stage flooring
C3030 Ceiling Finishes	Lay-In Ceiling Tile	\$51,719	S	Stains in Nurse office, room 1, 4, 5, classroom 12,14, 15, library
E2010 Fixed Furnishings	, ,	\$673,544	S	Café and stage fixed equipment outdated. Majority of casework is beyond useful life, needs to be replaced - March 2022.
				Additional lighting is suggested in unlit areas for security purposes, such as between buildings and behind modulars. It is suggest to furnish the exterior egress lighting above doors with photocell (auto control) and emergency
G4020 Site Lighting	VA ( a a d	\$24,055	S	battery pack for emergency purposes.
B1010 Floor Construction	Wood	\$48,110	L	Very creaky floor rm 6, disruptive to class
C2010 Stair Construction	Wood	\$123,750	L	Wood stair to roof
C3010 Wall Finishes E2010 Fixed Furnishings	Wallboard	\$21,650	L	Hole in wall in mechanical closet near access hatch, some worn in café
Total Immediate (I)		\$2,598,331		
Total Short-tem (S)		\$5,175,464		
Total Long-tem (L)		\$193,510		
Tota	al	\$7,967,305		

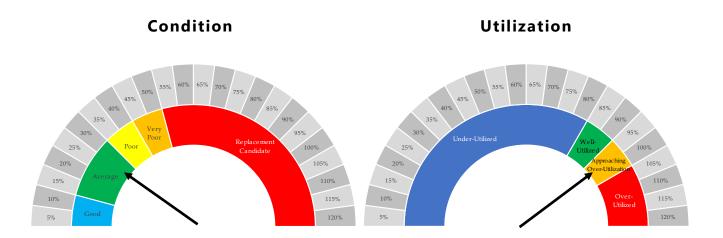
#### Las Flores Elementary School

Las Flores Elementary School is 37,436 square feet and is 62 years old. The facility is in average condition with an FCI of 26.8% and is well utilized, at 94%. Utilization level is projected to decline to 71% for 2028-29.

It is recommended that Las Flores Elementary School change its grade configuration from K-5 to TK-6. The permanent capacity of the building to 392. Relocatable units provide an additional 140 spaces. The boundary for Las Flores should be adjusted as to balance utilization among all elementary schools.

The following page provides a table with the projects necessary to bring the facilities condition index down to zero, as well as summary of the condition of each major system within the facility. The facility projects are separated into three distinctive categories: immediate need("I"), short term("S") (2-5 years) and long-term("L"), beyond 5 years. The full assessment can be found in Appendix A.

School	Las Flores Elementary School
Address	720 West Las Flores Ave.
Year Built	1960
GSF	37,436
Replacement Cost	\$48,872,476
Condition Budget	\$13,108,654
Facility Condition Index (FCI)	26.8%
Grade Configuration	K-5
2022-23 Student Enrollment	503 *this number includes 14 TK
Permanent Program Capacity	392
Additional Capacity	140 – 0 portables
Utilization- w/portables	94%



### Based on facility assessment data, the following projects are recommended at Las Flores Elementary School:

			Necessity	
Level	Туре	Amount	Ranking (I,S,L)	Notes
B1020 Roof Construction	Wood	\$347,453		Major leaks at connection between Media Center and Cafe
D2010 Plumbing Fixtures		\$972,868	I	Old plumbing fixtures reached end of life. Some restrooms are not ADA compliant. Few plumbing issues in the MPR building where fixtures need to be replaced.
D2030 Sanitary Waste		\$138,981	I	MPR sewer issues remain. Some partial repairs were made but other issues remained to be repaired or system replaced.
D5010 Electrical Service & Distribution		\$370,616	I	New electrical service was brought into the campus but the existing electrical for the MPR remained and has reached its end of life. Parts will be difficult to locate when the electrical panels start to fail.
D5030 Communications & Security	Clock / Intercom System	\$579,088	1	PA system is beyond useful life and should be replaced - March 2022.
	Closed Circuit Surveillance	\$165,619	I	Some of the cameras are outdated. Surveillance video is fuzzy and not legible. Additional security cameras in specific sections of the facility are needed - March 2022.
	Lighting Control System	\$231,635	I	There is no lighting control system for the classrooms, there is only site lighting control of the site lighting.
G4020 Site Lighting		\$555,925	I	Exterior lighting controls does not comply with the current Title 24 for lighting throughout the campus. Additional lighting is suggested in unlit areas for security purposes, such as between buildings and behind modulars. It is suggest to furnish the exterior egress lighting above doors with photocell (auto control) and emergency battery pack for emergency purposes in lieu of being controlled manually with a switch.
B2020 Exterior Windows	Wood	\$1,667,774	s	Single pane
B2020 Exterior Windows	Aluminum/Steel	\$667,110	s	Most single pane except in admin space
C3030 Ceiling Finishes	Lay-In Ceiling Tile	\$20,847	S	Stains: 16, 19, 20, Staff lounge, 22. Major leak stain in Media Center.
D3020 Heat Generating Systems	Boiler (Water Htrs)	\$926,541	s	The kitchen water heater is reaching its end of life, no pan furnished underneath water heater. Replace entire system.
E1020 Institutional Equipment	Stage Performance	\$1,905,750	s	Curtains are not fire rated, the lighting is outdated.
G2030 Pedestrian Paving		\$533,264	S	Grates in front of doors to clear shoes have been filled with concrete, as walkways settle, the grate blocks become uneven and a tripping hazard in front of doors. Also, approximately 200 sf of concrete is damaged at the outdoor seating/classroom space behind the Media Center
B3010 Roof Coverings	Single Ply	\$68,101	L	Wood with spray on foam. Ok condition, appears to have had repairs. Some areas along edges where spray on is lifting up. Main concern is at connection between café and media center.
E2010 Fixed Furnishings		\$347,453	L	Aged, finishes in areas beginning to lift/peel
Total Immediate (I)		\$3,362,186		
Total Short-tem (S)		\$5,721,285		
Total Long-tem (L)		\$415,554		
Tota		\$9,499,024		

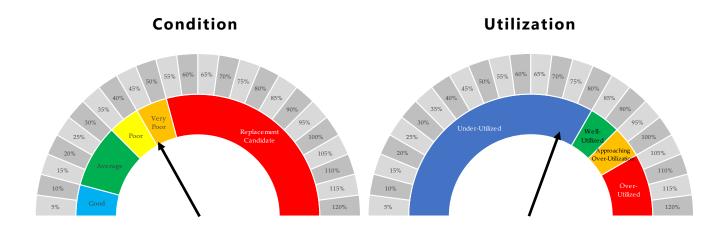
#### **Pierce Elementary School**

Pierce Elementary School is 40,279 square feet and is 63 years old. The facility is in very poor condition with an FCI of 43.5% and is underutilized at 75%. Projected utilization level is expected to increase to 79% by 2028-29.

It is recommended that Pierce Elementary School change grade configuration from K-5 to TK-6. The permanent capacity of the building is 308. Relocatable units provide an additional 112 spaces. The boundary for Pierce should be adjusted as to balance utilization among all elementary schools.

The following page provides a table with the projects necessary to bring the facilities condition index down to zero, as well as summary of the condition of each major system within the facility. The facility projects are separated into three distinctive categories: immediate need("I"), short term("S") (2-5 years) and long-term("L"), beyond 5 years. The full assessment can be found in Appendix A.

School	Pierce Elementary School
Address	674 North Gold Canyon St.
Year Built	1959
GSF	40,279
Replacement Cost	\$52,583,996
Condition Budget	\$22,883,728
Facility Condition Index (FCI)	43.5%
Grade Configuration	K-5
2022-23 Student Enrollment	317
Permanent Program Capacity	308
Relocatable Capacity	112 – 7 portables
Utilization	75%



### Based on facility assessment data, the following projects are recommended at Pierce Elementary School:

			Necessity	
Level	Туре	Amount	Ranking (I,S,L)	Notes
B2020 Exterior Windows	Aluminum/Steel	\$2,915,948	I	Should adjust \$ because there are very few windows on campus, replace
			I	windows in rooms 9-11
C3030 Ceiling Finishes	Lay-In Ceiling Tile	\$29,309	I	Minor leak damage in room 9-12, 14
			I	Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the offices and portables for evacuation. It is suggested to provide wall switches in the pre-school restrooms for safety in
D5020 Lighting and Branch Wiring		\$2,990,716		lieu of occupancy sensors and include emergency battery packs for light fixtures.
			I.	Intermittent issues, nuisance tripping of fire alarm devices throughout the
D5030 Communications & Security	Fire Alarm / Detection	\$420,569		campus.
D5030 Communications & Security	Lighting Control System	\$249,226	I	Lighting controls does not comply with the current Title 24 for lighting throughout the campus.
			I	Exterior lighting controls does not comply with the current Title 24 for lighting throughout the campus. Additional lighting is suggested in unlit areas for security purposes, such as between buildings and behind modulars. It is suggest to furnish the exterior egress lighting above doors with photocell (auto control) and
G4020 Site Lighting		\$373,839		emergency battery pack for emergency purposes.
			1	Site communication and security up to the campus is insufficient for additional
G4030 Site Communications & Security		\$249,226	-	load added to the campus
B1020 Roof Construction	Wood	\$1,495,358	S	Assumes main structure is wood, leaks in portables
B2010 Exterior Walls	Concrete Formed / Tilt	\$348,917	S	Paint very deformed and some cracking near bathrooms of the main building
B2010 Exterior Walls	Framed w/Panel Siding	\$897,215	S	Paint worn in areas of portables. Room 12 damage near sign.
B3010 Roof Coverings	Metal	\$1,395,667	S	Portable roofs (rm 9-11) need to be replaced.
C1020 Interior Doors	Hollow Metal	\$11,602	S	Hardware damaged rooms 9-11
C3020 Floor Finishes	Resilient Sheet	\$44,861	S	Some bubbling, especially worn near main entrance
C3020 Floor Finishes	Polished Concrete	\$2,804	S	Fridge floor uneven
C3030 Ceiling Finishes	Painted Structure	\$448,607	S	Dirty due to vents, room 4 may need more investigation as it appeared to be damage that was all repaired
D3020 Heat Generating Systems	Boiler (Water Heaters)	\$74,768	S	Water heater in Kitchen has no overflow pan. Some modular units do not have any source of hot water.
G2010 Roadways		\$272,250	S	Slurry coating and striping needed
G2020 Parking Lots		\$426,009	S	Slurry coating and striping needed. Repave playground areas - March 2022.
A1010 Standard Foundations		\$24,923	L	Stem wall foundation (Room 12+13) minor cracking observed
B2030 Exterior Doors	Hollow Metal	\$144,788	L	Doors damaged aesthetically at rooms 9-11
B3010 Roof Coverings	Built-Up	\$1,794,429	L	End of life, severity adjusted due to very few leaks on large building.
C3010 Wall Finishes	Wallboard	\$37,384	L	Minor wear at corners of walls around campus due to age
		<i></i>		Food service equipment is reaching it end of life and is suggested to replace food
E1010 Commercial Equipment	Food Service	\$64,799	L	service equipment.
E1020 Institutional Equipment	Restroom Accessories/Stalls	\$1,869,197	L	Non public restrooms are not ADA compliant.
Total Immediate (I)		\$7,228,834		
Total Short-tem (S)		\$5,418,058		
Total Long-tem (L)		\$3,935,520		
Total Long-tem (L)		\$3,935,520 \$16,582,411		

#### **Richmond Elementary School**

Richmond Elementary School is 52,615 square feet and 69 years old. The facility was damaged beyond recovery in the July 2019 earthquake. The facility is vacant and will be demolished and replaced with a new facility for the 2024-25 school year. Pertinent details of the New Richmond Elementary School are included in the following table.

School	New Richmond Elementary School
Address	100 Richmond Road
Year Built	2024
GSF	99,850
Replacement Cost	
Condition Budget	
Facility Condition Index (FCI)	
Grade Configuration	ТК-6
2022-23 Student Enrollment	See Vieweg Facility
Permanent Program Capacity	822
Relocatable Capacity	0
Utilization	

#### Vieweg Elementary School

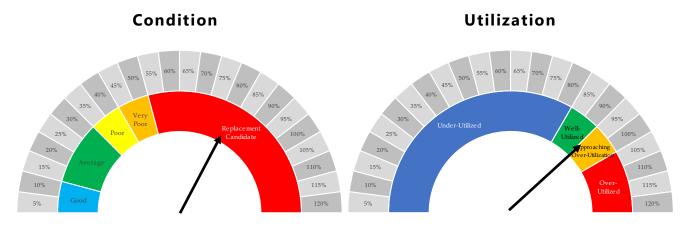
Vieweg Elementary School is 34,618 square feet and is 70 years old. The facility is overall in very poor condition with an FCI of 81.4% and a utilization level of 103%. It currently supports the Richmond Elementary School students that were displaced by the 2019 earthquake. Once the new Richmond Elementary School is completed, the students will attend the new facility.

**Recommendation:** It is envisioned that the Vieweg Elementary School will be rebuilt in 2028 and serve TK-6 in alignment with the district's plan to move 6<sup>th</sup> graders to elementary school. Should the district follow that path, the boundary for the new Vieweg Elementary School should be adjusted to balance utilization among all elementary schools.

The following page provides a table with the projects necessary to bring the facilities condition index down to zero, as well as summary of the condition of each major system within the facility. The facility projects are separated into three distinctive categories: immediate need("I"), short term("S") (2-5 years) and long-term("L"), beyond 5 years. The full assessment can be found in Appendix A.

School	Vieweg Elementary School
Address	
Year Built	1952
GSF	34,618
Replacement Cost	\$53,567,701
Condition Budget	\$43,588,240
Facility Condition Index (FCI)	81.4%
Grade Configuration	TK-5
2022-23 Student Enrollment	403
Permanent Program Capacity	392
Relocatable Capacity	0
Utilization	103%

\*Student data is for Richmond Elementary School, 2022-23 school year.



### Based on facility assessment data, the following projects are recommended at the Vieweg Facility:

Level	Type	Amount	Necessity Ranking (I,S,L)	Notes
	Туре	\$1,785,640	Kanking (I,S,L)	The plumbing fixtures have reached their end of life in the restrooms, kitchen and
D2010 Plumbing Fixtures		\$1,785,640		
			I	janitor closets. In addition, the fixtures in the restrooms are non compliant per
				ADA.
			I	The domestic waster distribution system has reached its end of life through the
D2020 Domestic Water Distribution		\$765,274		campus.
				The sanitary waste system has reached is its end of life through the campus.
			I	Grease trap line was clogged, it was rerouted to the sanitary waste line in the
D2030 Sanitary Waste		\$765,274		Kitchen.
			I	Connections to the RTUs, are rusting and deteriorating. Suggest painting the
D3010 Energy Supply		\$765,274	1	piping to inhibit rusting and possible failure and staining the roof coating.
D3020 Heat Generating Systems	Boiler (Water Heaters)	\$1,020,366	I	Water heater (50 gal) have reached end of life for the kitchen and Janitor closet
				The units have reached their end of life. The units on the roof for the kitchen are
D3020 Heat Generating Systems	Air Handler (RTUs)	\$765,274	I	not functional and there is not heating or cooling in the building.
	Component of air handler			The units have reached their end of life. The units on the roof for the kitchen are
D3030 Cooling Generating Systems	(RTU)	\$765,274	I	not functional and there is not heating or cooling in the building.
D3040 Distribution Systems	Ductwork	\$510,183	I	The ductwork is dirty due to the age of the RTU units and grills and diffusers
D3060 Controls & Instrumentation	Bucchon	\$510,183		Local thermostats are not functional. RTU units temperature do not change.
D3070 Systems Testing & Balancing		\$255,091		The RTU units are not balanced.
DS070 Systems resting & balancing		\$235,091	1	Kitchen has fire suppression system and classrooms have fire extinguishers. The
D4020 Size Destantia Continuit		6202 52-	I	outdoor open areas do not have fire extinguishers and hose reel cabinets are
D4030 Fire Protection Specialties		\$382,637		welded shut.
				Electrical equipment and distribution has reached it end of life. Parts will be
			I	difficult and replace upon a failure. In the Kitchen, circuits are tripping and office
D5010 Electrical Service & Distribution		\$2,040,731		in kitchen has no power due to circuit breakers tripping.
				Lighting is not efficient, classrooms, offices and exterior lighting does not comply
			I	with the current Title 24 for lighting and controls throughout the campus. No
D5020 Lighting and Branch Wiring		\$3,061,097		emergency lighting for egress lighting in the classrooms for evacuation.
D3020 Lighting and Branch Winnig		\$3,001,097		
	5 AL (5 A )	4572.056	1	Additional devices needed throughout the campus. Missing fire alarm devices and
D5030 Communications & Security	Fire Alarm / Detection	\$573,956		outdated and damaged fire alarm devices.
E1020 Institutional Equipment	Restroom Accessories/Stalls		I	Not compliant with ADA
G3010 Water Supply	Domestic	\$255,091	I	The domestic water has reached its end of life up to the campus.
G3020 Sanitary Sewer		\$255,091	I	The sanitary sewer has reached its end of life up to the campus.
G3060 Fuel Distribution		\$255,091	1	The fuel distribution (natural gas) has reached its end of life up to the campus.
				Electrical service up to the campus is insufficient for additional load added to the
G4010 Electrical Distribution	Service	\$765,274	I	campus
		<i></i>		Insufficient site lighting for security and site lighting control is not in compliant
G4020 Site Lighting		\$765,274	I	with Title 24.
B2020 Exterior Windows	Aluminum/Steel	\$3,316,188	S	Single pane and draft enters long term severity, café windows leak immediate
B2030 Exterior Doors	Hollow Metal	\$238,011	S	
B2030 Exterior Doors	Hollow Metal	\$256,011	3	Hardware very poor functionality
		4	S	Listed it as built up, it is plywood rolled up foam then spray on. Spray on foam had
B3010 Roof Coverings	Built-Up	\$1,785,640		blistering, exposed chipped areas, bubbling in areas.
C3020 Floor Finishes	Carpet / Soft Surface	\$1,044,599	S	Octagon areas have temporary (not framed) partitions that may be a
				Several missing tiles in the vacant kindergarten space and few more missing
			S	panels throughout campus, several leak stains.
C3030 Ceiling Finishes	Lay-In Ceiling Tile	\$6,122		Several areas of the portable buildings still have stained ceiling tiles. March 2022
D5030 Communications & Security	Lighting Control System	\$255,091	S	Lighting controls does not comply with the current Title 24 for lighting throughout
E1020 Institutional Equipment	Stage Performance	\$552,656	S	Lighting and rigging has reached its end of life.
G2010 Roadways		\$5,158	S	Some slurry coat needed
G2010 Roadways G2020 Parking Lots		\$5,527	S	Some slury coat needed
		12د,دډ	3	
C2020 De de strie e De			S	Cracking and uneven tiles in pathways especially connecting buildings. Most along
G2030 Pedestrian Paving		\$66,319		buildings and entrance are ok.
G2050 Landscaping		\$630,028	S	Poor irrigation, vast majority of campus is harsh sand.
			s	Site communication and security up to the campus is insufficient for additional
G4030 Site Communications & Security		\$510,183	3	load added to the campus
B2010 Exterior Walls	Concrete Formed / Tilt	\$30,611	L	Little visible damage, some paint damage throughout campus
	Masonry	\$11,479	L	Little visible damage, some paint damage throughout campus
	Framed w/Panel Siding	\$84,180	L	Little visible damage, some paint damage throughout campus
	Framed w/Stucco	\$20,407	L	Little visible damage, some paint damage throughout campus
		÷20,.07		Sporadic wall paint damage, damages within mechanical spaces, significant water
C3010 Wall Finishes	Wallboard	\$68,875	L	damage near windows of café.
				-
C3010 Wall Finishes	Wood Sports Floor	\$79,716	L	Stage aging (wood flooring but not sports floor)
			L	Wheel chair lift wall control was dangling (Cafeteria Building) on the right hand
D1010 Elevators & Lifts		\$44,213		side of the stage. Currently it is not in use.
E2010 Fixed Furnishings		\$191,319	L	Cabinets under counters need resurfacing
Total Immediate (I)		\$22,639,361		
Total Short-tem (S)		\$8,415,522		
Total Long-tem (L)		\$530,799		
Total Long-tem (L)		\$31,585,682		

#### James Monroe Middle School

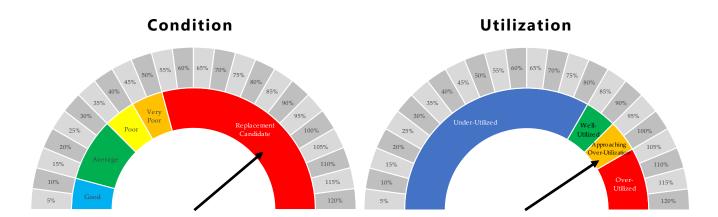
James Monroe Middle School is 55,606 square feet and is 72 years old. The facility is in poor condition with an FCI of 97.5% and is a replacement candidate. Utilization level is 100% and is projected to decline slightly to 92% in 2028-29. It is recommended that James Monroe Middle School be closed as a middle school and a new Monroe Middle School facility be considered. Once Monroe is no longer needed as a school, areas of the building should be renovated for District administration use.

Based on the success of the primary grade re-configuration of K-5 to TK-6 and boundaries, the need for a new Monroe Middle should be evaluated. Additional space could be placed at Murray Middle School for grades 7 and 8, but this option may cause crowding and may not provide the educational experience envisioned by the district for middle school students. Therefore, this option should be monitored.

The following page provides a table with the projects necessary to bring the facilities condition index down to zero, as well as summary of the condition of each major system within the facility. The facility projects are separated into three distinctive categories: immediate need("I"), short term("S") (2-5 years) and long-term("L"), beyond 5 years. The full assessment can be found in Appendix A.

**Risk Mitigation, System Failure.** Monroe Middle School is well past the replacement window with significant systems' needs. Many of the integral systems have reached the end of their life cycle. Should one of those systems fail the school would no longer be viable to serve students and staff.

School	James-Monroe Middle School
Address	340 West Church St.
Year Built	1950
GSF	55,606
Replacement Cost	\$76,436,479
Condition Budget	\$74,487,3555
Facility Condition Index (FCI)	97.5%
Grade Configuration	6-8
2022-23 Student Enrollment	513
Permanent Program Capacity	513
Relocatable Capacity	206 – 7 portables
Utilization without portables	100%



## Based on facility assessment data, the following projects are recommended at James Monroe Middle School, should funds become available:

			Necessity	
Level	Туре	Amount	Ranking (I,S,L)	Notes
D2010 Plumbing Fixtures		\$2,536,885	I	Don't meet ADA
D2020 Domestic Water Distribution		\$1,087,236	I	Reached end of life
D2030 Sanitary Waste		\$1,087,236	I	Reached end of life
D3070 Systems Testing & Balancing		\$289,930		Some areas were not functional
D4030 Fire Protection Specialties		\$724,824	I	Recertify/confirm system, all fire hose cabinets are welded shut, required
D5010 Electrical Service & Distribution		\$2,319,437	I	Main switchgear obsolete
D5020 Lighting and Branch Wiring		\$4,348,945	I	End of life, not in compliance to Title 24
D5020 Lighting and Branch Wiring	Fire Alarm / Detection	\$815,427	I	Inadequate system
	Lighting Control System	\$362,412	I	End of life, not in compliance to Title 24
G2020 Parking Lots		\$1,577,753	I	Very evident heaving
G3010 Water Supply	Domestic	\$362,412	I	Reached end of life
G3020 Sanitary Sewer		\$362,412	I	The sanitary sewer systems is original installation and has deteriorated over time and is in need of being replaced.
			I	The storm sewer system is original installation and has deteriorated over time and
G3030 Storm Sewer		\$906,030	1	is in need of being replaced.
G3060 Fuel Distribution		\$362,412	I	Lines to units on roof are deteriorating
G4010 Electrical Distribution	Service	\$1,087,236	I	Insufficient service for additional load of campus
G4020 Site Lighting		\$1,087,236	I	Very minimal lighting, safety/security concern
G4030 Site Communications & Security		\$724,824	I	Insufficient service for additional load of campus
B2020 Exterior Windows	Aluminum/Steel	\$4,711,357	S	Teachers do not open windows, all single pane, fogging evident
B2030 Exterior Doors	Hollow Metal	\$415,491	S	Water and dust enters under doors, hardware damaged in several locations
B3010 Roof Coverings	Metal	\$5,436,182	S	Metal covered by spray foam, bubbling, holes
C3010 Wall Finishes	Paint on Masonry	\$32,617	S	Surfaces mostly ok, some age and deterioration
	Wallboard	\$260,937	S	Surfaces mostly ok, some age and deterioration
C3020 Floor Finishes	Carpet / Soft Surface	\$1,272,066	S	End of life, some damage
	Resilient Tile	\$27,181	S	Minor damage, sporadically
	Polished Concrete	\$27,181	S	Needs resealing
	Ceramic Tile	\$54,362	S	Grout damage
	Wood Sports Floor	\$226,508	S	Gym/stage worn
C3030 Ceiling Finishes	Lay-In Ceiling Tile	\$130,468	S	Some stained tiles
	Glued-Up Ceiling Tile	\$40,228	S	Some stained tiles
D3010 Energy Supply		\$724,824	S	Gas piping is rusting attached to RTUs
D3020 Heat Generating Systems	Air Handler	\$869,789	s	Reaching end of life, package RTUs not AHU
D3030 Cooling Generating Systems	Component of air handler	\$869,789	S	Reaching end of life, package RTUs not AHU
D3040 Distribution Systems	Ductwork	\$724,824	s	Deterioration
D3060 Controls & Instrumentation	Ductwork	\$724,824	S	Cannot replace parts
D5030 Communications & Security	Voice / Data System	\$217,447	S	Rodents chewing cable
E1020 Institutional Equipment	Science	\$228,113	s	Outdated system
L 1020 Histitutional Equipment	Art	\$4,888	S	Broken cabinets/cabinet tops
	Stage Performance	\$6,999,795	S	Inadequate/almost nonexistent stage equipment
	Restroom Accessories/Stalls		S	
E2010 Fixed Furnishings	Restroom Accessories/ stails		S	Gym restrooms were at end of life, rest were adequate
E2010 Fixed Furnishings		\$4,348,945		Very damaged interior and exterior, several locations not used.
C2040 Site Development		\$978,513	S	Some furniture needed to be replaced
G2040 Site Development		\$1,270,913	S	Also the gate for parking lot is broken.
G2050 Landscaping		\$84,516	S	Irrigation is not used and land is a very harsh sandy surface
B2010 Exterior Walls	Masonry	\$260,937	L	Main central buildings, some areas need painting
	Framed w/Panel Siding	\$271,809	L	Some panels need replacing at modulars
	Framed w/Stucco	\$304,426	L	Some patching and paintwork needed at gym building.
			L	Some closets have padlocks such as space across from office instead of hardware,
C1020 Interior Doors	Wood	\$7,821		issues opening sometimes
	Lin Harry Marka I	65.000	L	Some closets have padlocks such as space across from office instead of hardware,
51010 Commonial 5	Hollow Metal	\$5,866		issues opening sometimes
E1010 Commercial Equipment	Vocational	\$144,965	L	Vocational space/equipment not in use
G2030 Pedestrian Paving		\$897,069	L	Minor cracking
Total Immediate (I)		\$20,042,650		
Total Short-tem (S)		\$32,040,802		
Total Long-tem (L)		\$1,892,892		
Tot		\$53,976,344		

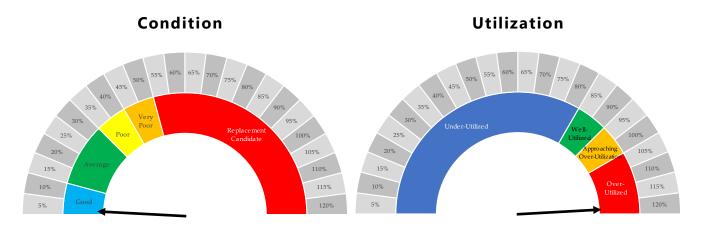
#### New Murray Middle School

New Murray Middle School is 82,436 square feet built in 2017 and is 5 years old. The facility is in great condition with an FCI of 0.4% and has a utilization level of 128%. Utilization is projected to decline to 103% by 2028-29.

It is recommended that Murray Middle School change its grade configuration and be considered the district's only 7th and 8th grade building once James Monroe Middle School is closed. (See Monroe Middle School Assessment for option consideration). All 6th grade students will return to their zoned elementary schools that will shift from K-5 grade configuration to TK-6. A 250 student-station addition is necessary at this building to house all District 7th and 8th grade students.

The following page provides a table with the projects necessary to bring the facilities condition index down to zero, as well as summary of the condition of each major system within the facility. The facility projects are separated into three distinctive categories: immediate need("I"), short term("S") (2-5 years) and long-term("L"), beyond 5 years. The full assessment can be found in Appendix A.

School	New Murray Middle School
Address	921 E. Inyokern Rd.
Year Built	2012
GSF	82,436
Replacement Cost	\$113,317,224
Condition Budget	\$432,627
Facility Condition Index (FCI)	0.4%
Grade Configuration	6-8
2022-23 Student Enrollment	703
Permanent Program Capacity	550
Relocatable Capacity	2
Utilization	128%



### Based on facility assessment data, the following projects are recommended at New Murray Middle School, should funds become available:

			Necessity	
Level	Туре	Amount	Ranking (I,S,L)	Notes
B2020 Exterior Windows	Aluminum/Steel	\$60,075		Sporadic sections of the campus have water intrusion from the window systems.
			I	Check and reseal throughout.
B2030 Exterior Doors				Minor: doorstop broken rm 1, Electrical 3 needs doorstop because door slams into
			I	fire riser 3. Doors, especially along exterior sides should have threshold seal to
	Hollow Metal	\$46,458		block sand blowing in. IDF 1 has a lot of sand blowing in.
G2010 Roadways		\$10,203	S	Minor cracking and splitting found throughout.
G2020 Parking Lots		\$196,763	S	Minor cracking and splitting found throughout.
Total Immediate (I)		\$106,533		
Total Short-tem (S)		\$206,965		
Total Long-tem (L)		\$0		
Total		\$313,498		

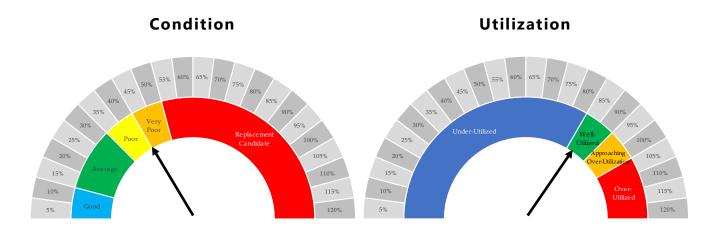
#### **Burroughs High School**

Burroughs High School is 215,429 square feet and is 64 years old. The facility is in poor condition with an FCI of 40.4% and a utilization level of 91%. Utilization is projected to increase to 98% by 2028-29. Please note that the PAC building is driving a high level of deficiency in several categories. If the PAC building is removed, the overall facilities condition index would drop down to approximately 30%.

It is recommended the PAC building be replaced, and renovations/additions are made to the athletic facilities.

The following pages provide a table with the projects necessary to bring the facilities condition index down to zero, as well as a summary of the condition of each major system within the facility. The facility projects are separated into three distinctive categories: immediate need("I"), short term("S") (2-5 years) and long-term("L"), beyond 5 years. The full assessment can be found in Appendix A.

School	Burroughs High School
Address	500 East French Avenue
Year Built	1958
GSF	215,429
Replacement Cost	\$323,427,476
Condition Budget	\$130,721,925
Facility Condition Index (FCI)	40.4%
Grade Configuration	9-12
2022-23 Student Enrollment	1,480
Permanent Program Capacity	1,633
Relocatable Capacity	7
Utilization	91%



Based on facility assessment data, the following projects are recommended at Burroughs High School:

#### SECTION III: FACILITIES ASSESSMENTS

Level	Туре	Amount	Necessity Rankir (I,S,L)	ng Notes
B2030 Exterior Doors	Hollow Metal	\$60,328	1	Sand entering under door; AD-19, replace door in PAC near classroom safety and
				security concern. Damaged in Multipurpose kitchen near sink (covered by sheet metal) and mice holes
C1010 Partitions	Framed	\$2,144,713	I	need to be covered.
D2040 Rain Water Drainage		\$602,688	I	Damaged ceiling tiles in PAC building due to leaking roof and poor roof drainage.
D4010 Sprinklers		\$22,308,847	I	Not all buildings are sprinkled except for the PAC Bldg, New Admin Bldg CTE Bldg and Gym.
D5010 Electrical Service & Distribution		\$2,898,138	I	PAC Building electrical system has reached its end of life. Parts will be difficult to replace upon failure of the electrical systems.
			I	PAC Building electrical system has reached its end of life. Safety issues with the stage lighting not properly grounded per code. Auditorium stair lighting not in compliance, utilizing rope lighting attached with tape for pathway lighting. Lighting in the Auditorium is not per IESNA light level recommendations. Life safety issue for exiting the building upon emergencies, no egress lighting with battery emergency packs to illuminate paths to exits. Dimmer cabinet for stage lighting has reached it end of life. No emergency lighting system in the Band Bldg and Music Bldg and modular units.
D5020 Lighting and Branch Wiring		\$6,432,365		Boy Locker Bldg lighting is not energy compliant and does not meet IESNA recommended lighting levels. Modular J-1 unit smoke detector initiates in the kitchenette due to cooking, it is
	Fire Alexes ( Detection	675 020		suggested to replace the device with a heat detector and reprogram the fire alarm
D5030 Communications & Security	Fire Alarm / Detection	\$75,938		control panel for the changed device.
E1010 Commercial Equipment	Food Service	\$804,046	I	Walk-in refrigerator refrigerant is not current. 2-3 pieces of equipment in the auto shop and woodworking shop require
	Vocational	\$2,834,184	I	replacement.
E1020 Institutional Equipment	Science	\$1,424,709	I	Science equipment not connected in Room D-29B
	Art	\$4,129,125	1	Equipment reached end of life.
	Stage Performance	\$1,689,188	I	Stage flooring, lighting and sound systems have reched the end of life. Replacement is required. Seating is new.
	Restroom Accessories/Stalls	\$1,015,593	I	Old Admin Bldg, Pac Bldg, Art Building, Multipurpose Bldg, Boys Locker Bldg, Bldg N
G3030 Storm Sewer		\$1,155,238	I	New Admin Bldg, G5 Bldg and K wing, the sewer flow is not good. The system backs up.
B2010 Exterior Walls	Framed w/Panel Siding	\$3,683,765	S	Portables are worn and aged.
B2020 Exterior Windows	Aluminum/Steel	\$3,080,635	S	Single pane
B3010 Roof Coverings	Single Ply	\$3,062,042	S	Appears decent but leaks occurring campus wide, connections are worn at penetrations such as equipment and skylights. Metal lab has roof leak from penetration of mechanical equipment.
C3010 Wall Finishes	Paint on Masonry	\$1,148,954	S	Very damaged wall in locker rooms. Worn and damaged; kiln room in art room (including a hole), paint cracking and
	Wallboard	\$2,976,610	S	several damages along walls in paint booth, hole in wall in BB-1, Mice enter in C-18 kitchen spaces inspect walls for mice holes. Very damaged paint in janitor/ storage closet in PAC.
	Ceramic Tile	\$12,464	S	Damaged/missing tiles in locker rooms.
C3020 Floor Finishes	Carpet / Soft Surface	\$1,736,356	s	Carpet at end of life for most spaces. Admin building modernized bldgs ok. Stained tile in H-3, H-4, C bldg hallway tile needs re-polishing from tire skid, damaged
	Resilient Tile	\$1,244,700	3	or missing tile in Sherman's Shack. Very worn and damaged tiles in closet near Gym-6 entrance.
	Polished Concrete	\$172,685	S	Most spaces need to be re-polished except in modernized classroom spaces. Re-polish around Gym space. Cracked and needs re-polished in locker room.
C3030 Ceiling Finishes	Wallboard	\$1,600,328	S	Several leaks, holes, and damage in storage backroom of wood shop. Holes in costume room of PAC, paint very damaged in janitor/storage space in PAC
		\$256,463	S	Missing tile in AD-22, Small leak damages in BB-6, BB-1 (and missing tile), H-2, H-3, H- 4, I-6 (and a damaged tile), K-5, M-46, various leaks in K-4, K-2, I-2, I-1, P portables, in PAC; CR, halls and auditorium. Dirty from vents in J portables and some cracked. Kitchen ceiling damaged around vents. Very damaged in backroom of wrestling space.
	Lay-In Ceiling Tile	\$250,405	S	Several missing tiles in inner campus admin bldg, N-52. Some leak damage in section of auditorium. Several damaged in PAC halls, near ladder to roof. Several missing and
	Glued-Up Ceiling Tile	\$28,895	S	damaged tiles near Gym-6 entrance. Many worn, about to fall in weightlifting room. PAC Building restrooms not ADA compliant. Boys locker Bldg plumbing fixtures have reached end of life and sinks are not ADA compliant. PAC Building is driving the level
D2010 Plumbing Fixtures		\$4,312,889	c	of def. in this category. Boilers were recently replaced 8yrs & 2ys in the PAC Building. Water heaters reached
D3020 Heat Generating Systems	Boiler, Water Heaters Air Handler, RTU's, Heat Pump	\$5,322,967 \$2,169,445	S	end of life. PAC Building is driving the level of def. in this category. Bldg N - AHU (20 yrs old), PAC Building is driving the level of def. in this category.
D3040 Distribution Systems	Ductwork	\$3,839,395	S	Duct work in Band Bldg, Art Bldg, Music Bldg, Old Admin Bldg, PAC Bldg grills and diffuser dirty.
E2010 Fixed Furnishings		\$1,800,246	S	Some missing cabinet doors in kitchen aread in C-18. Damaged counter in Sherman Shack
G2010 Roadways		\$6,182,732	S	Some in new condition and others are cracking and should be replaced.
G2020 Parking Lots		\$1,727,219	S	Some in new condition and others are cracking and should be replaced.
G2030 Pedestrian Paving		\$2,785,712	S	Some in new condition and others are cracking and should be replaced.
B3020 Roof Openings	Skylights	\$6,435	L	At CTE, roof coverings around is cracking. (6) at approximately 2 sf each
Total Immediate (I)		\$47,575,099		
Total Short-tem (S)		\$47,144,499		cost are based on 2022 estimates
Total Long-tem (L)		\$6,435		
То	tal	\$94,726,033		

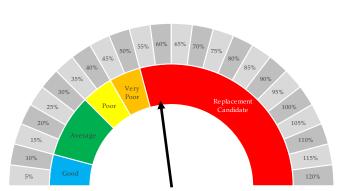
#### **Mesquite High School**

Mesquite High School, an alternative high school, is 14,506 square feet and is 44 years old. The facility is a replacement candidate, with an FCI of 56.6%.

It is recommended that Mesquite High School be renovated due to condition needs, and the adult school also be housed at this building. Relocatable units should be added to the site as needed.

The following page provides a table with the projects necessary to bring the facilities condition index down to zero, as well as a summary of the condition of each major system within the facility. The facility projects are separated into three distinctive categories: immediate need("I"), short term("S") (2-5 years) and long-term("L"), beyond 5 years. The full assessment can be found in Appendix A.

School	Mesquite High School
Address	140 West Drummond Ave.
Year Built	1978
GSF	14,506
Replacement Cost	\$21,778,122
Condition Budget	\$12,329,849
Facility Condition Index (FCI)	56.6%
Grade Configuration	9-12
2022-23 Student Enrollment	98
Permanent Program Capacity	
Relocatable Capacity	
Utilization	



Condition

## Based on facility assessment data, the following projects are recommended at Mesquite High School:

			Necessity Ranking	
Level	Туре	Amount	(I,S,L)	Notes
B3010 Roof Coverings	Asphalt Shingle	\$46,494	I	Gutter system is rusting and showing signs of useful life. Recommended for replacement - March 2022
				The plumbing fixtures have reached their end of life in the restrooms, kitchen and
D2010 Plumbing Fixtures		\$723,233	I	janitor closets. In addition, the fixtures in the restrooms are non compliant per ADA.
D2020 Domestic Water Distribution		\$309,957	I	The domestic waster distribution system has reached its end of life through the campus.
D2040 Rain Water Drainage		\$309,957	I	The sanitary waste system has reached is its end of life through the campus.
D4030 Fire Protection Specialties		\$206,638	I	Electrical equipment and distribution has reached it end of life. Parts will be difficult and replace upon a failure. Exterior transformer is rusting and deteriorating. Panel boards in classroom cannot be secured.
D5010 Electrical Service & Distribution		\$826,552	I	Electrical equipment and distribution has reached it end of life. Parts will be difficult and replace upon a failure. Exterior transformer is rusting and deteriorating. Panel boards in classroom cannot be secured.
D5020 Lighting and Branch Wiring		\$1,239,828	I	Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation.
D5030 Communications & Security	Fire Alarm / Detection	\$232,468	I	Additional devices needed throughout the campus. Missing fire alarm devices and outdated and damaged fire alarm devices.
	Lighting Control System	\$103,319	I	Lighting controls does not comply with the current Title 24 for lighting throughout the campus.
E1020 Institutional Equipment	Restroom Accessories/Stalls	\$1,291,487	I	Not compliant with ADA
G3010 Water Supply	Domestic	\$103,319	I	The domestic water has reached its end of life up to the campus.
G3020 Sanitary Sewer		\$103,319	I	The sanitary sewer has reached its end of life up to the campus.
G4010 Electrical Distribution	Service	\$309,957	I	The domestic water has reached its end of life up to the campus.
G4020 Site Lighting		\$309,957	I	Insufficient site lighting for security and site lighting control is not in compliant with Title 24.
G4030 Site Communications & Security		\$123,983	I	Site communication and security up to the campus is insufficient for additional load added to the campus
B2020 Exterior Windows	Aluminum/Steel	\$1,343,147	S	Single pane, poor condition, fixed
E1010 Commercial Equipment	Food Service	\$206,638	S	Kitchen equipment has reached it end of life and parts will be difficult to repair due age of equipment.
G2020 Parking Lots		\$12,821	S	Some cracking, appears to have ongoing sealing/repairing
G3060 Fuel Distribution		\$103,319	S	The fuel distribution (natural gas) has reached its end of life up to the campus.
B2010 Exterior Walls	Framed w/Panel Siding	\$464,935	L	Replace wooden storage space attached to building. Metal paneling wall surface is deteriorating and rusting across sporadic portions of the campus March 2022.
C3020 Floor Finishes	Carpet / Soft Surface	\$392,870	L	Worn, aged
	Polished Concrete	\$38,745	L	Worn storage flooring, replace art room kiln/art storage floor
	Ceramic Tile	\$92,987	L	Replace art room kiln/art storage floor (was a mixture of concrete and ceramic tile)
C3030 Ceiling Finishes	Lay-In Ceiling Tile	\$23,247	L	Some leak damage in various locations such as bathroom, multiuse room, art room
E2010 Fixed Furnishings		\$15,498	L	Minor damage, non-utilized kitchen style furniture in music room
Total Immediate (I)		\$6,240,467		
Total Short-tem (S)		\$1,665,924		
Total Long-tem (L)		\$1,028,282		
Tot	al	\$8,934,673		

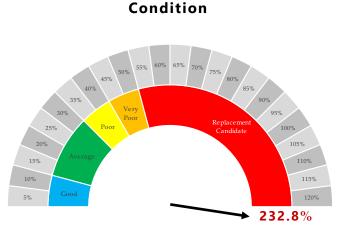
#### **Burroughs High School Stadium**

Burroughs High School Stadium is 4,500 square feet and is 64 years old. The facility is a replacement candidate due to condition needs. Replace cost is well below the identified deficiency needs, FCI is 232.8%

It is recommended that the Burroughs High School Stadium be renovated/replaced.

The following page provides a table with the projects necessary to bring the facilities condition index down to zero, as well as summary of the condition of each major system within the facility. The facility projects are separated into three distinctive categories: immediate need("I"), short term("S") (2-5 years) and long-term("L"), beyond 5 years. The full assessment can be found in Appendix A.

School	Burroughs Stadium
Address	500 East French Avenue
Year Built	1958
GSF	4,500
Replacement Cost	\$4,665,221
Condition Budget	\$10,859,927
Facility Condition Index (FCI)	232.8%



### Based on facility assessment data, the following projects are recommended for the Burrough High School Stadium:

			Necessity Ranking	
Level	Туре	Amount	(I,S,L)	Notes
				The home bleachers' foundation is a structural concern. Confirmed - settlement is
A1020 Special Foundations		\$351,698	I	obvious across several sections of the foundation under the home bleacher system (March 2022).
B1010 Floor Construction		\$31,402	1	Pressbox is very damaged and exposed to outside elements.
			1	Pressbox is very damaged and exposed to outside elements as well as some damage
B1020 Roof Construction	Wood	\$50,243		to other small structures assumed for sports storage/closets.
B2010 Exterior Walls	Framed w/Panel Siding	\$150,728	I	Pressbox is very damaged and exposed to outside elements as well as some damage to other small structures assumed for sports storage/closets.
B2030 Exterior Doors	Wood	\$8,290	I	Restrooms that appear abandoned have very poor damaged openings.
B3020 Roof Openings	Access Hatch	\$1,005	I	Pressbox hatch very damaged, chained down but still opened because it cannot latch. 9 sf
C2010 Stair Construction	Metal	\$3,572,800	I	About 10,000 sf of bleachers seating and stairways between, according to District, the gaps of the bleachers are too wide and not ADA.
C3010 Wall Finishes	Paint on Masonry	\$23,865	1	Abandoned restroom areas very damaged.
	Wallboard	\$7,536	1	Pressbox walls very damaged.
C3020 Floor Finishes		\$7,348	1	Pressbox floor very damaged.
C3020 Floor Finishes	Carpet / Soft Surface	\$7,348		Irrigation pump does not have a VFD to regulate the flow of the water to the sports
D4010 Sprinklers		\$94,205		fields. Potential of burning out the irrigation pump motor.
D5010 Electrical Service & Distribution		\$30,146	I	At the new concession building, the electrical service installed outdoors is not NEMA 3R rated equipment. The equipment is not secured and there will be a potential for severe injury if it is not replaced with the correctly rated equipment.
G2030 Pedestrian Paving		\$649,133	1	Major shifting in areas, tiles mostly in ok condition but moved.
B10 Superstructure	Steel	\$298,315	s	Cracking and damage to restrooms and concession stands that appear abandoned, newer space is ok.
B3010 Roof Coverings	Single Ply	\$18,464	S	Assumed rooftop type, unable to observe, newer area is ok rest is aging. Replace press box area (only about 5% of total area.)
C30 Interior Finishes	Polished Concrete	\$29,831	S	Some damage most spaces except newer concession and restroom area.
C3030 Ceiling Finishes	Wallboard	\$160,148	S	Ceilings within observed interior spaces are damaged especially pressbox. Worn paint and damage observed within abandoned concession space.
D2010 Plumbing Fixtures		\$175,849	S	Abandoned restrooms and old concession building
D2020 Domestic Water Distribution		\$75,364	S	Abandoned restrooms and old concession building
D2030 Sanitary Waste		\$75,364	S	Abandoned restrooms and old concession building
E1010 Commercial Equipment	Food Service	\$50,243	S	Abandoned concession building equipment not used.
E1020 Institutional Equipment	Restroom Accessories/Stalls	\$628,031	S	Abandoned restroom partitions deterioating
E2010 Fixed Furnishings		\$30,146	S	Replace pressbox furnishings, abandoned restroom stall walls should be replaced.
G2040 Site Development		\$1,641	S	Chainlink fence in ok condition, rust and damage evident on the railings along bleachers (not chainlink fencing).
G3020 Sanitary Sewer		\$502		Clean dirt covering the sanitary grill outside of the new concession building.
		\$22,609		There is no heating system or distribution in the presss box. Install new.
		\$22,609		There is no cooling system or distibution in the press box. Install new.
Total Immediate (I)		\$4,978,397		
Total Short-tem (S)		\$1,589,116		
Total Long-tem (L)				
Tota	al	\$6,567,513		

#### Sierra Vista Center

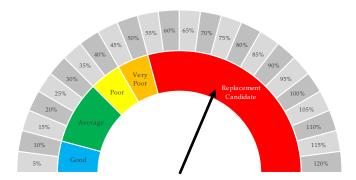
The Sierra Vista Center is 119,188 square feet and is 22 years old. The facility is a replacement candidate due to condition needs, with a current FCI of 78.7%.

It is recommended that suites 1317 and 1319 be renovated, as well as the area within the building that is being used for District storage.

The following page provides a table that identifies the projects necessary to bring the facilities condition index down to zero, as well as summary of the condition of each major system within the facility. The facility projects are separated into three distinctive categories: immediate need("I"), short term("S") (2-5 years) and long-term("L"), beyond 5 years. The full assessment can be found in Appendix A.

School	Sierra Vista Center	
Address	1301 North Norma St.	
Year Built	2000	
GSF	119,188	
Replacement Cost	\$146,446,332	
Condition Budget	\$115,189,684	
Facility Condition Index (FCI)	78.6%	





### Based on facility assessment data, the following projects are recommended for the Sierra Vista Center:

			Necessity Ranking	
Level	Туре	Amount	(I,S,L)	Notes
B1020 Roof Construction	Wood	\$2,778,272	<u> </u>	According to maintenance; end of life (1319,1317)
	Single Ply	\$2,430,988	i	End of life (1319,1317)
C1010 Partitions	Framed	\$2,778,272	<u> </u>	Vacant space partitions need to replace, not many partitions in there.
	Hollow Metal Wallboard	\$64,103 \$3,286,002	I	Vacant space doors
D2040 Rain Water Drainage		\$260,463	I	Replace vacant space Vacant space (Suite 1317 and 1319), the roof material deteriorated and caused extreme water intrusion into the building damaging walls, insulation, ceilings and carpet. Possible growth of harmful substance due to the water intrusion.
D3010 Energy Supply		\$173,642	I	Vacant space (Suite 1317 and 1319), the roof could not be accessed due to the severe water damage. The possibility that the gas lines to the to roof mounted may be damaged.
D3020 Heat Generating Systems	Boiler (Wtr Htr)	\$694,568	I	Vacant space (Suite 1317 and 1319), the water heaters have reached their end of life and are no longer functional.
	Air Handler (RTUs)	\$520,926	I	Vacant space (Suite 1317 and 1319), the units have reached their end of life and are no longer functional.
	Furnace (Radiant Htr)	\$347,284	I	Radiant heaters have reached their end of life in the vacant space (Suite 1317 and 1319) and the open vacant space used for storage for the district.
D3030 Cooling Generating Systems	Component of AHU (RTUs)	\$520,926	I	Vacant space (Suite 1317 and 1319), the units have reached their end of life and are no longer functional.
D3040 Distribution Systems	Ductwork	\$1,041,852	I	The ductwork in the vacant space (Suite 1317 and 1319) is severely damaged due to water intrusion. There is not ductwork in the open vacant space used for storage for the district.
	Hot water return & supply	\$2,604,630	Ι	There is no hot water return and supply for the vacant space (Suite 1317 and 1319) and the open vacant space used for district storage
D3060 Controls & Instrumentation		\$1,041,852	I	
D3070 Systems Testing & Balancing		\$520,926	I	The systems installed in the newly renovated space (8yrs) have not been properly tested and balanced.
D4010 Sprinklers		\$1,953,473	I	The sprinklers for the vacant space (Suite 1317 and 1319) and the open vacant space used for district storage can't be determined if they are functional and up to code.
D4020 Standpipes		\$1,041,852	I	The standpipes for the vacant space (Suite 1317 and 1319) and the open vacant space used for district storage can't be determined if they are functional and up to code.
D4030 Fire Protection Specialties		\$1,041,852	I	The fire protection specialties for the vacant space (Suite 1317 and 1319) and the open vacant space used for district storage can't be determined if they are functional and up to code.
D5010 Electrical Service & Distribution		\$4,167,408	I	Electrical equipment and distribution has reached it end of life. Parts will be difficult and replace upon a failure.
D5020 Lighting and Branch Wiring		\$6,251,113	I	Lighting is not efficient in the vacant spaces and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the shopping strip. No emergency lighting for egress lighting in the open vacant space for evacuation.
D5020 Lighting and Branch Wiring	Closed Circuit Surveillance	\$573,019	Ι	Additional closed circuit system is suggested for the equipment and supplies stored in the open vacant space used for the district.
	Fire Alarm / Detection	\$1,172,084	I	The fire alarm/detection system for the vacant space (Suite 1317 and 1319) and the open vacant space used for district storage can't be determined if the devices are functional or code compliant.
	Lighting Control System	\$520,926	I	Lighting controls does not comply with the current Title 24 for lighting throughout the campus.
G4010 Electrical Distribution	Service	\$2,083,704	I	Electrical service up to the campus is insufficient for additional load added to the campus.
G4020 Site Lighting		\$2,083,704	I	Exterior lighting controls does not comply with the current Title 24 for lighting throughout the campus. Additional lighting is suggested in unlit areas for security purposes, such as between buildings and behind modulars. It is suggest to furnish the exterior egress lighting above doors with photocell (auto control) and emergency battery pack for emergency purposes.
G4030 Site Communications & Security		\$1,389,136	Ι	Site communication and security up to the campus is insufficient for additional load added to the campus
C3020 Floor Finishes	Polished Concrete	\$1,250,223	s	Vacant space
D2010 Plumbing Fixtures		\$1,215,494	s	Vacant space plumbing fixtures are not functional and have reached their end of life.
D2020 Domestic Water Distribution		\$520,926	s	Low water pressure.
E1020 Institutional Equipment	Restroom Accessories/Stalls	\$13,023,151	s	The Restroom Accessories/Stalls for the vacant space (Suite 1317 and 1319) and the open vacant space used for district storage are not ADA compliant.
E2010 Fixed Furnishings		\$6,917,898	S	Replace in vacant space
E2020 Movable Furnishings		\$10,376,847	S	Much of outdated storage in vacant space
G2010 Roadways		\$61,597	s	Space needs slurry and restriping, sqft measurement was based on entire parking lot
G2020 Parking Lots		\$340,035	s	Space needs slurry and restriping, sqft measurement was based on entire parking lot
B2020 Exterior Windows	Aluminum/Steel	\$5,556,545	L	Adjust \$, very few windows in facility
D5030 Communications & Security	Voice / Data System	\$2,865,093	L	The voice/data system for the vacant space (Suite 1317 and 1319) and the open vacant space used for district storage can't be determined if the devices are
Total Immediate (I)		\$41,342,977		
Total Short-tem (S)		\$33,706,170		
Total Long-tem (L)		\$8,421,638		
Tot	al	\$83,470,786		

# **District Office**

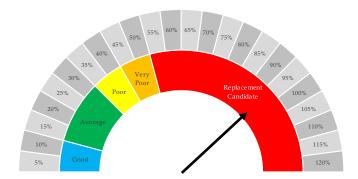
The SSUSD District Office is 10,144 square feet and is 77 years old. The facility is a replacement candidate due to condition needs. The FCI is 95.1%

It is recommended that the District Office be moved to the James Monroe Middle School site when that facility closes as a school.

The following page provides a table with the projects necessary to bring the facilities condition index down to zero, as well as summary of the condition of each major system within the facility. The facility projects are separated into three distinctive categories: immediate need("I"), short term("S") (2-5 years) and long-term("L"), beyond 5 years. The full assessment can be found in Appendix A.

School	District Office
Address	133 West Felspar Avenue.
Year Built	1945
GSF	10,144
Replacement Cost	\$12,463,936
Condition Budget	\$11,858,310
Facility Condition Index (FCI)	95.1%





# Based on facility assessment data, the following projects are recommended for the District Office:

			Necessity Ranking	
Level	Туре	Amount	(I,S,L)	Notes
B1020 Roof Construction	Steel	\$534,082	1	Replace Huts exterior
B2010 Exterior Walls	Framed w/Panel Siding	\$640,898	I	Replace Huts exterior
				The plumbing fixtures have reached their end of life in the restrooms. In addition, the
D2010 Plumbing Fixtures		\$415,397	1	fixtures in the restrooms are non compliant per ADA.
D2020 Domestic Water Distribution				The domestic waster distribution system has reached its end of life through the
D2020 Domestic water Distribution		\$178,027	1	campus.
D2030 Sanitary Waste		\$178,027	I.	The sanitary waste system has reached is its end of life through the campus.
D3010 Energy Supply		\$59,342	I	Connections to the RTUs, are rusting and deteriorating. Suggest painting the piping to inhibit rusting and possible failure and staining the roof coating.
D3020 Heat Generating Systems	Boiler (Water Heater)	\$237,370	1	Water heaters in the buildings. There are a total of 3 water heaters.
	Air Handler (RTUs)	\$178,027	1	The units have reached their end of life.
D3030 Cooling Generating Systems	Component of air handler (RTU	\$178,027	I	The units have reached their end of life.
D2040 Distribution Sustants	Duratura ale	¢110.005	1	The ductwork is dirty due to the age of the RTU units and grills and diffusers
D3040 Distribution Systems	Ductwork	\$118,685	· ·	indicating stained ceilings.
D3060 Controls & Instrumentation		\$118,685	1	
D3070 Systems Testing & Balancing		\$59,342	I	The RTU units are not balanced.
D5010 Electrical Service & Distribution			1	Electrical equipment and distribution has reached it end of life. Parts will be difficult
Distribution		\$474,739	'	and replace upon a failure.
				Lighting is not efficient, classrooms, offices and exterior lighting does not comply with
D5020 Lighting and Branch Wiring			1	the current Title 24 for lighting and controls throughout the campus. No emergency
		\$712,109		lighting for egress lighting in the offices and portables for evacuation.
D5030 Communications & Security	Fire Alarm / Detection	\$133,520	1	Additional devices needed throughout the campus. Missing fire alarm devices and
,	,	+,		outdated and damaged fire alarm devices.
	Lighting Control System	\$59,342	I	Lighting controls does not comply with the current Title 24 for lighting throughout the campus.
E1020 Institutional Equipment	Restroom Accessories/Stalls	\$1,483,560	I.	Not compliant with ADA
G3010 Water Supply	Domestic	\$59,342	I	The domestic water has reached its end of life up to the campus.
G3020 Sanitary Sewer		\$59,342	1	The sanitary sewer has reached its end of life up to the campus.
G3060 Fuel Distribution		\$59,342	I	The fuel distribution (natural gas) has reached its end of life up to the campus. Gas line is deteriorating stubbing up into the gas meter.
G4010 Electrical Distribution	Service	\$178,027	I	Electrical service up to the campus is insufficient for additional load added to the campus
G4020 Site Lighting		\$178,027	I	Insufficient site lighting for security and site lighting control is not in compliant with Title 24.
G4030 Site Communications & Security		\$118,685	I	Site communication and security up to the campus is insufficient for additional load added to the campus
A1030 Slab on Grade		\$71,211	S	Settling occurring at addition of business office
B2010 Exterior Walls	Framed w/Stucco	\$60,767	S	Cracking visible, especially along business office
B2020 Exterior Windows	Aluminum/Steel	\$632,590	S	All single pane, huts should be replaced
B3010 Roof Coverings	Metal	\$593,424	S	Replace hut roofing, spray foam on permanent buildings beginning to bubble
C3020 Floor Finishes	Carpet / Soft Surface	\$295,080	S	End of life
G2020 Parking Lots		\$414,636	S	Slurry needed
G2030 Pedestrian Paving		\$104,423	S	Paving reeds to be re-graded especially in front of superintendent/human resources
C3030 Ceiling Finishes	Wallboard	\$8,901	L	Poor in closets
-				
Total Immediate (I)		\$7,176,514		
Total Short-tem (S)		\$2,172,130		
Total Long-tem (L)		\$8,901		
Tota	al	\$9,357,546		

Costs are based on 2022 estimates.

# LONG RANGE

# **FACILITIES PLAN**

SIERRA SANDS UNIFIED SCHOOL DISTRICT

**APPRENDIX A: FACILITY ASSESSMENT** 

-	Sierra Sands Unified Scl Faller Elementary Schoo 0 0	bl		An unus	FILL OUT ALL IN ed cell or system natically popula	that sh	ould not rec	eive direct ι	ser in	put		<mark>RING DATA ON THIS SHE</mark> te	ET	
						LEVEL	OF ACTION				1			
Level 1 Level 2		Type (as applicable)	% of Building or Number	None	Minor	N	Aoderate	Major		Replace	% of System or Finish	Automated Budget Estimate	Necessity Rank (I, S, L)	Notes
A SUBSTRUCTUR														
	A1010 Standard Found A1020 Special Foundati A1030 Slab on Grade ment Construction		9% 91%	o None x None x None	Minor Minor Minor	Ν	Noderate Noderate Noderate	Major Major Major		Replace Replace Replace		\$0 \$0 \$0		Wood foundation
	A2010 Basement Excav	NOT USED		None	Minor	Ν	/loderate	Major		Replace				
	A2020 Basement Walls			o None	Minor		/loderate			Replace		\$0		
B SHELL			-		<u> </u>								- -	•
B10 Supe	erstructure									_				
	B1010 Floor Construction	Wood	25%	x None	Minor	N	/loderate	Major		Replace		\$0		
		Steel		o None	Minor	N	/loderate	Major		Replace		\$0		
		Concrete	75%	x None	Minor	N	/loderate	Major		Replace		\$0		
	B1020 Roof Constructic	) Wood	100%	x None	Minor		/loderate	Major		Replace		\$0		Patio damage - was addressed. No observed issues.
		Steel	100/0	o None	Minor		/oderate	Major		Replace		\$0		
		Concrete		o None	Minor		/loderate	Major		Replace		\$0		
B20 Exter	rior Enclosure							<b>-</b> .,.						
		Concrete Formed / Tilt		o None	Minor		/loderate	Major		Replace		\$0		
		Masonry	58%	x None	Minor		/loderate	Major		Replace		\$0		
		Framed w/Panel Siding	25%	x None	Minor		/loderate	Major		Replace	100%	\$400,096	S	Portable exteriors aging
		Framed w/Stucco	17%	x None	Minor			x Major		Replace	1%	\$3,628	S	Minor issue; small crack above restroom door near rm 8
		Framed w/Masonry Veneer		o None	Minor		/loderate	Major		Replace		\$0		
	B2020 Exterior Window			o None	Minor		/loderate	Major		Replace		\$0		
		Aluminum/Steel	100%	x None	Minor			x Major		Replace	100%	\$2,133,846	S	Single pane
		Clad	L	o None	Minor		/loderate	Major		Replace	$\vdash$	\$0		
		Curtain Wall		o None	Minor		/loderate	Major		Replace		\$0		
	B2030 Exterior Doors	Wood		o None	Minor		/loderate	Major		Replace		\$0		Useduran aser 15, 10, 10, 20, Destroyer days
		Hollow Metal	33	x None	Minor			x Major		Replace	15%	\$26,034 \$0	I	Hardware poor- 15, 16, 19, 20. Restroom door grill rusty.
B30 Roofi	ing	Storefront	I	o None	Minor		/loderate	Major		Replace		ŞU		1
BSU ROUT	ing			<b>—</b>			Г	-						
	B3010 Roof Coverings	Asphalt Shingle	17%	x None	Minor	Y N	/loderate	Major		Replace	5%	\$5,668	S	Lounge has several leaks and has no spray foam.
	Secto Roor Coverings	Built-Up	1770	o None	Minor		/oderate	Major	$\vdash$	Replace	570	\$0		
										Replace				Very good condition, only concern is at penetrations of the foam around equipment. And 19% was assumed for café roofing with spray
		Single Ply	60%	x None	x Minor		/loderate	Major		Replace	10%	\$33,608	L	foam on top.
		Metal	23%	x None	Minor	N	Noderate	Major	x	Replace	100%	\$1,226,961	S	Leaks occurring, portables are 8 years old but exterior is aging

**Cooperative Strategies** School Facilities Assessment

		Conservator Tilla		L . News	h dia an	b de devete	N 4=1=1			ćo		1
		Concrete Tile		o None	Minor	Moderate	Major	Replace		\$0		
	B3020 Roof Openings	Skylights		o None	Minor	Moderate	Major	Replace		\$0		Devices fall anotaction will around a second bat
										4000		Replace fall protection rails around access hat
		Access Hatch	16	x None	Minor	Moderate	Major	x Replace	50%	\$990		actual hatch is ok
NTERIORS	erior Construction											
	C1010 Partitions	Framed	80%	x None	Minor	Moderate	Major	Replace		\$0		
		Masonry	20%	x None	Minor		Major	Replace		\$0		
	C1020 Interior Deere	Wood	20%	o None	Minor					\$0		
	C1020 Interior Doors		22				Major	Replace				
	C4020 5'U'	Hollow Metal	33	x None	Minor		Major	Replace		\$0		
620.61	C1030 Fittings	NOT USED		None	Minor	Moderate	Major	Replace			-	
C20 Stai							T			60		
	C2010 Stair Construction			o None	Minor		Major	Replace		\$0		
		Metal		o None	Minor	Moderate	Major	Replace		\$0		
		Concrete		o None	Minor		Major	Replace		\$0		
	C2020 Stair Finishes	Concrete Fill		o None	Minor		Major	Replace		\$0		
		Resilient		o None	Minor	Moderate	Major	Replace		\$0		
C30 Inte	erior Finishes		1.00/	<u> </u>	<b>—</b> 1			<b>—</b>		40		
	C3010 Wall Finishes	Paint on Masonry	10%	x None	Minor	Moderate	Major	Replace		\$0		
		Wallboard	80%	x None	Minor	Moderate	Major	Replace		\$0		_
		Wainscot		o None	Minor	Moderate	Major	Replace		\$0		
		Ceramic Tile	10%	x None	Minor	Moderate	Major	Replace		\$0		
	C3020 Floor Finishes	Carpet / Soft Surface	81%	x None	Minor	Moderate	Major	x Replace	2%	\$25,278	S	Replace carpet in Lounge
		Resilient Tile		o None	Minor	Moderate	Major	Replace		\$0		
		Resilient Sheet	14%	x None	Minor	Moderate	Major	Replace		\$0		
		Polished Concrete	1%	x None	Minor	Moderate	Major	Replace		\$0		
		Ceramic Tile	4%	x None	Minor	Moderate	Major	Replace		\$0		
		Liquid Applied		o None	Minor	Moderate	Major	Replace		\$0		
		Wood Sports Floor		o None	Minor	Moderate	Major	Replace		\$0		
	C3030 Ceiling Finishes	Wallboard		o None	Minor	Moderate	Major	Replace		\$0		
												Stained tiles various rooms including 4, 9, 11
		Lay-In Ceiling Tile	85%	x None	x Minor	Moderate	Major	Replace	15%	\$51,012	S	13, 17, 22, 23, 24,
		Glued-Up Ceiling Tile		o None	Minor	Moderate	Major	Replace		\$0		
		Painted Structure	15%	x None	Minor	Moderate	Major	Replace		\$0		
SERVICES												
D10 Cor					—	— —		-				
	D1010 Elevators & Lift			o None	Minor	Moderate		Replace		\$0		
	D1020 Escalators & Mo	-		o None	Minor		Major	Replace		\$0		
	D1090 Other Conveyin	g Systems		o None	Minor	Moderate	Major	Replace		\$0		
D20 Plu					_			_				
	D2010 Plumbing Fixtur		100%	x None	Minor	Moderate	Major	Replace		\$0		
	D2020 Domestic Wate	r Distribution	100%	x None	Minor	Moderate	Major	x Replace	100%	\$800,192	S	Low water pressure.
	D2030 Sanitary Waste			o None	Minor	Moderate	Major	Replace		\$0		
	D2040 Rain Water Dra	-		o None	Minor	Moderate	Major	Replace		\$0		
	D2090 Other Plumbing	NOT USED		None	Minor	Moderate	Major	Replace			-	
D30 HV					_			_				
	D3010 Energy Supply		100%	x None	Minor		Major	Replace		\$0		
	D3020 Heat Generatin		100%	x None	Minor	Moderate	Major	Replace		\$0		
		Air Handler (RTUs, Heat										
		Pumps, Split Sys, Swamp	1	1 1								Scheduled to e replaced Summer 2022 with
		Coolers)	100%	None	Minor	Moderate	Major	Replace		\$0	1	ESSER funds.

	Furnace		o None	Minor	Moderate	Major	Replace		\$0	1	
	Heat Exchanger		o None	Minor	Moderate	Major	Replace		\$0		
						1					
	Component of AHU (RTUs,										
	D3030 Cooling Generati Heat Pumps, Split Sys)	100%	x None	Minor	Moderate	Major	Replace		\$0		
	Stand alone chiller		o None	Minor	Moderate	Major	Replace		\$0		
	D3040 Distribution Syst Ductwork	100%	x None	Minor	Moderate	Major	Replace		\$0		
	Hot water return & supply	100%	x None	Minor	Moderate	Major	Replace		\$0		
	D3050 Terminal & Pack; Above ceiling VAV unit	100/0	o None	Minor	Moderate	Major	Replace		\$0		
	In-room ventilator unit		o None	Minor	Moderate	Major	Replace		\$0		
	In-room radiant unit		o None	Minor	Moderate	Major	Replace		\$0		
	D3060 Controls & Instrumentation	100%	x None	Minor	Moderate	Major	Replace		\$0	1	
		10070			moderate	major			ψu		
	D3070 Systems Testing & Balancing	100%	x None	Minor	Moderate	Major	Replace		\$0		
-	D3090 Other HVAC Syst NOT USED	100%	None	Minor	Moderate	Major	Replace		ŲÇ	1	
D40 Fire	Protection	_	None	IVIIII01	Widdenate	wajor	Replace		-		
DHOTHE	D4010 Sprinklers		o None	Minor	Moderate	Major	Replace		\$0		Required
	D4020 Standpipes		o None	Minor	Moderate	Major	Replace		\$0		Required
	D4030 Fire Protection Specialties	100%	x None	Minor	Moderate	Major	Replace		\$0		
-	D4090 Other Fire Protection Speciatiles	10070	None	Minor	Moderate	Major	Replace		ψŲ		
D50 Elec			None		Woderate	widjoi	Replace			_	
000 2100						Т			1		Original electrical distribution that has reache
											its end of life. Parts will be difficult to obtain
	D5010 Electrical Service & Distribution	100%	x None	Minor	Moderate	Major	x Replace	40%	\$853,538		repair faulted equipment.
		100/0			moderate		x nephace	.070	<i>\$655,556</i>		she see she base
											Lighting is not efficient, classrooms, offices a
											exterior lighting does not comply with the
											current Title 24 for lighting and controls
											throughout the campus. No emergency ligh
											for egress lighting in the offices and portabl
											evacuation. Circuits in Room 2 under the bo
	D5020 Lighting and Branch Wiring	100%	x None	Minor	Moderate	Major	x Replace	40%	\$1,280,308	1	are not functional
	D5030 Communications Voice / Data System	100%	x None	Minor	Moderate	Major	Replace		\$0		
	Clock / Intercom System	100%	x None	Minor	Moderate	Major	Replace		\$0		
	Closed Circuit Surveillance	100%	x None	Minor	Moderate	Major	Replace		\$0		
	Access Control System		o None	Minor	Moderate	Major	Replace		\$0		
	Intrusion Alarm System		o None	Minor	Moderate	Major	Replace		\$0		
	Fire Alarm / Detection	100%	x None	Minor	Moderate	Major	Replace		\$0		
	Lighting Control System	100%	x None	Minor	Moderate	Major	Replace		\$0		
	D5090 Other Electrical SNOT USED		None	Minor	Moderate	Major	Replace				
		-				_					
QUIPMENT &	FURNISHINGS										
E10 Equi	ipment			_							
	E1010 Commercial Equi Food Service	100%	x None	Minor	Moderate	Maior	Replace	1	\$0		

E1010 Commercial Equi Food Service	100%	None	Minor	Moderate Major	Replace	\$0	
Vocational	(	None	Minor	Moderate Major	Replace	\$0	
E1020 Institutional EquiScience	(	None	Minor	Moderate Major	Replace	\$0	
Art	(	None	Minor	Moderate Major	Replace	\$0	
Stage Performance	300 >	None	Minor	Moderate Major	Replace	\$0	
Restroom Accessories/Stalls	100% >	None	Minor	Moderate Major	Replace	\$0	

Cooperative Strategies School Facilities Assessment

E1030 Vehicular Equipn NOT USED	None	Minor	Moderate Ma	ajor	Replace		· · · · · · ·		
E1090 Other EquipmentNOT USED	None	Minor		ajor	Replace				
E20 Furnishings				,					
E2010 Fixed Furnishings	100% x None	Minor	Moderate Ma	ajor	Replace		\$0		
E2020 Movable Furnishings	100% x None	Minor		ajor	Replace		\$0		
ECIAL CONSTRUCTION & DEMOLITION - NOT USED		_		· _			· · ·		
LDING SITE WORK									
G10 Site Preparation NOT USED									
G20 Site Improvements									
G2010 Roadways	16850 x None	x Minor	Moderate Ma	ajor	Replace	50%	\$72,982	S	Some cracking, uneven in areas
G2020 Parking Lots	15500 x None	x Minor	Moderate Ma	ajor	Replace	50%	\$143,859	S	Some cracking, uneven in areas
G2030 Pedestrian Paving	40000 x None	Minor	Moderate Ma	ajor	Replace		\$0		
				É F					
G2040 Site Development	23000 x None	Minor	Moderate x Ma	aior	Replace	0%	\$142	1	Push bar near preschool was not functional
G2050 Landscaping	2500 x None	Minor		ajor	Replace		\$0		
G30 Site Mechanical Utilities				.). L					- <b>I</b>
G3010 Water Supply Domestic	100% x None	Minor	Moderate	ajor	Replace		\$0		
Fire	o None	Minor		ajor	Replace		\$0		Required
G3020 Sanitary Sewer	100% x None	Minor		ajor	Replace		\$0		
G3030 Storm Sewer	100% x None	Minor		ajor	Replace		\$0		
G3040 Heating Distribution	o None	Minor		ajor	Replace		\$0		
G3050 Cooling Distribution	o None	Minor		ajor	Replace		\$0		
G3060 Fuel Distribution	100% x None	Minor		ajor	Replace		\$0		
G3090 Other Site Mech NOT USED	None	Minor		ajor	Replace				
G40 Site Electrical Utilities				-)					
G4010 Electrical DistribiService	100% x None	Minor	Moderate Ma	ajor	Replace		\$0		
Generator	o None	Minor		ajor	Replace		\$0		
Generator		IVIII IOI	Widderute		Replace		ψŪ		Exterior lighting controls does not comply with
									the current Title 24 for lighting throughout th
									campus. Additional lighting is suggested in
									areas for security purposes, such as between
									buildings and behind modulars. It is suggest
									furnish the exterior egress lighting above do
									with photocell (auto control) and emergence
									battery pack for emergency purposes. Exter
									soffit lights at the entrance of the main build
G4020 Site Lighting	100% x None	Minor	Moderate Ma	ajor	x Replace	30%	\$240,058	1	are not functional.
G4030 Site Communications & Security	100% x None	Minor		ajor	Replace		\$0		
G4090 Other Site Electr NOT USED	None	Minor		ajor	Replace				
G90 Other Site Construction NOT USED	None				nepidee				
R									
			Unit of		Unit				
Description of System				Quantity	Budget		Extended		Notes
Main complaint from maintenance is from climate	e damages to playgrounds			.,			\$0		
No lightning protection system installed for the ca		age upon lightnir					ψŪ		
strikes.		Se apon ignum	.°				ćo		
			┥┝──┤┝				\$0 \$0		
			┥┝──┥┝				\$0 \$0		
			┥┝━━┥┝						
			┥┝━━┥┝				\$0		
							\$0		

Physical Condition Budget Sub-Total	\$7,298,201
Budgeted Development Costs	\$2,773,316
Physical Condition Budget TOTAL	\$10,071,517
Replacement Budget	\$56,277,239
Facility Condition Index (FCI)	17.9%

Cooperative Strategies School Facilities Assessment

District Name:	Sierra Sands Unified School District
Site Name:	Gateway Elementary School
Building Name:	0
Building ID:	0

REMINDER: FILL OUT ALL INFORMATION ON 'BASE INFORMATION SHEET' BEFORE ENTERING DATA ON THIS SHEET

An unused cell or system that should not receive direct user input

An automatically populated cell from user input elsewhere in the file - do not overwrite

	LEVEL OF ACTION												
	Level 2		Type (as applicable)	% of Building or Number	None	Minor	Moderate	Major	Replace	% of System or Finish	· Automated Budget Estimate	Necessity Rank (I, S, L)	Notes
A SUB	TRUCTUR												
	A10 Four				-	<u> </u>	-	-		r	1		
		A1010 Standard Founda	ations		o None	Minor	Moderate	Major	Replace		\$0		Wood flooring creaky and uneven connections
		A1020 Special Foundati		25%	Nono	Minor	Moderate	Major	Replace		\$0		between slab on grade and wood foundation
		A1020 Special Foundation	UIIS		x None x None	Minor Minor	Moderate	Major Major	Replace		\$0		between slab on grade and wood roundation
	A20 Base	ement Construction		73%	x None	WITTOT	Widderate	IVIAJOI	Replace		ŞU		1
	-	A2010 Basement Excava	at NOT LISED		None	Minor	Moderate	Major	Replace				
		A2020 Basement Walls		1	o None	Minor	Moderate	Major	Replace		\$0		
B SHEL	L			<u> </u>						· · · · ·			
		erstructure											
		B1010 Floor Constructio	or Wood	25%	x None	Minor	Moderate	Major	Replace		\$0		
			Steel		o None	Minor	Moderate	Major	Replace		\$0		
			Concrete	75%	x None	Minor	Moderate	Major	Replace		\$0		
		B1020 Roof Constructio	n Wood	100%	x None	Minor	Moderate	Major	Replace		\$0		
			Steel		o None	Minor	Moderate	Major	Replace		\$0		
			Concrete		o None	Minor	Moderate	Major	Replace		\$0		
	B20 Exte	rior Enclosure			_			_	_		-	-	
		B2010 Exterior Walls	Concrete Formed / Tilt		o None	Minor	Moderate	Major	Replace		\$0		
			Masonry		o None	Minor	Moderate	Major	Replace		\$0		
			Framed w/Panel Siding	12%	x None	Minor	Moderate	Major	Replace		\$0		
										===	410.010		Sporadic stucco cracking throughout the facility. March 2022.
			Framed w/Stucco Framed w/Masonry Veneer		x None	Minor Minor	x Moderate	Major	Replace	5%	\$43,242 \$0		March 2022.
		B2020 Exterior Window			o None o None	Minor	Moderate Moderate	Major Major	Replace Replace		\$0 \$0		
		B2020 EXterior Window	Aluminum/Steel		x None	Minor		x Major	Replace	100%	\$0	1	Single Pane
			Clad		o None	Minor	Moderate	Major	Replace	100%	\$1,965,546	L	
			Curtain Wall		o None	Minor	Moderate	Major	Replace		\$0		
		B2030 Exterior Doors	Wood		o None	Minor	Moderate	Major	Replace		\$0		
		DEGGG Exterior Doors	Hollow Metal		x None	Minor	Moderate	Major	Replace		\$0		
			Storefront		o None	Minor	Moderate	Major	Replace		\$0		
	B30 Roof	fing				<b></b> , ``		<b></b> ,		I			
		B3010 Roof Coverings	Asphalt Shingle		o None	Minor	Moderate	Major	Replace		\$0		
			Built-Up		o None	Minor	Moderate	Major	Replace		\$0		1
			Single Ply	88%	x None	Minor	Moderate	Major	x Replace	100%	\$3,026,941	L	Reaching end of life, leaks occurring
			Metal	12%	x None	Minor	Moderate	Major	Replace		\$0		
			Concrete Tile		x None	Minor	Moderate	Major	Replace		\$0		
													There were at least 22 very large skylights that
													were covered and sealed with sheet metal and
		B3020 Roof Openings	Skylights		o None	Minor	Moderate	Major	Replace		\$0		finished on the inside due to leaks

	Access Hatch	1 × None	Minor	Moderate Major	Replace		\$0		There was a roof hatch each major building but closed off during modernization. One hatch accessible at main central building but we were unable to unlock and assess. Not used by maintenance but in decent observed condition.
C INTERIORS									
C10 Interior Construction C1010 Partitions C1020 Interior Door	Framed Masonry s Wood Hollow Metal	100%         x         None           0         None         0           57         x         None	Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major	Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0		
C1030 Fittings	NOT USED	None	Minor	Moderate Major	Replace		ψŪ		
C20 Stairs	NOT USED	None	WIIIIO	woderate wajor	Replace				
C2010 Stair Constru	ction Wood Metal Concrete	o None o None o None	Minor Minor Minor	Moderate Major Moderate Major Moderate Major	Replace Replace Replace		\$0 \$0 \$0		
C2020 Stair Finishes	Concrete Fill	o None	Minor	Moderate Major	Replace		\$0		
	Resilient	o None	Minor	Moderate Major	Replace		\$0		
C30 Interior Finishes									
C3010 Wall Finishes	Paint on Masonry Wallboard	o None 90% x None	Minor Minor	Moderate Major Moderate Major	Replace Replace		\$0 \$0		
							\$0		
	Wainscot	o None	Minor	Moderate Major	Replace				
	Ceramic Tile	10% x None	Minor	Moderate Major	Replace		\$0		
C3020 Floor Finishe		75% x None	Minor	Moderate Major	x Replace	100%	\$1,077,979	S	End of life
	Resilient Tile	20% x None	x Minor	Moderate Major	Replace	2%	\$2,457	L	Rm 14a chipped tile,
	Resilient Sheet	o None	Minor	Moderate Major	Replace		\$0		
	Polished Concrete	o None	Minor	Moderate Major	Replace		\$0		
	Ceramic Tile	5% x None	Minor	Moderate Major	Replace		\$0		
	Liquid Applied	o None	Minor	Moderate Major	Replace		\$0		
	Wood Sports Floor	o None	Minor	Moderate Major	Replace		\$0		
C3030 Ceiling Finish	•	o None	Minor	Moderate Major	Replace		\$0		
CS050 Cening Finish	es wandoard			Woderate	Replace		ΟÇ		Stain Rm 15c, 20 c, 12b, 13b, 11b, 10b, 9b (and
	Lay-In Ceiling Tile	90% x None	x Minor	Moderate Major	Replace	25%	\$82,921	S	missing tile), K rooms, 14a, 6a
	Glued-Up Ceiling Tile	o None	Minor	Moderate Major	Replace		\$0		
	Painted Structure	10% x None	Minor	Moderate Major	Replace		\$0		
D SERVICES									
D10 Conveying								-	
D1010 Elevators & L	ifts	o None	Minor	Moderate Major	Replace		\$0		
D1020 Escalators &	Moving Walks	o None	Minor	Moderate Major	Replace		\$0		
D1090 Other Conve	ying Systems	o None	Minor	Moderate Major	Replace		\$0		
D20 Plumbing		·							•
D2010 Plumbing Fix	tures	100% x None	Minor	Moderate Major	Replace		\$0		
D2020 Domestic Wa		100% x None	Minor	Moderate Major	Replace		\$0		
D2030 Sanitary Was		100% x None	Minor	Moderate Major	Replace		\$0		
D2040 Rain Water D		100% x None	Minor	Moderate Major	Replace		\$0		
D2090 Other Plumb		None	Minor	Moderate Major	Replace		÷2	·	
D30 HVAC	115 3 1131 0320	None	WIIIIO	widderate wiajor	Replace			-	
D3010 Energy Suppl	У	100% x None	Minor	Moderate Major	Replace		\$0		

		-						-	1	1	Water heaters in the individual buildings are
	D3020 Heat Generating S Boiler (Water Htrs)	100%	x None	Minor	Moderat	e Majo	r x Replace	40%	\$393,109	S	reaching their end of life.
	DS020 Heat Generating S Boller (Water Hirs)	100%	x inone	WIIIIO	Iviouerat		x Replace	40%	\$232,103	3	The heat pumps in the modular have reached
											their end of life. No heat in the staff restrooms
	Air Handler (PTHe' Heat										plan southwest of the building attached south of
	Air Handler (RTUs', Heat								400.000		the Library. Foul smell in the men's restroom in
	Pumps, Split Sys)	100%	x None	Minor	Moderat			40%	\$294,832		the staff restroom.
	Furnace		o None	Minor	Moderat				\$0		
	Heat Exchanger		o None	Minor	Moderat	e Majo	r Replace		\$0		
	Component of AHU (RTU's,										The heat pumps in the modular have reached
	D3030 Cooling Generatin Heat Pumps, Split Sys)	100%	x None	Minor	Moderat	e Majo	r x Replace	40%	\$294,832	1	their end of life.
	Stand alone chiller		o None	Minor	Moderat	e Majo	r Replace		\$0		
	D3040 Distribution Syste Ductwork	100%	x None	Minor	Moderat	e Majo	r x Replace	80%	\$393,109	1	
	Hot water return & supply	100%	x None	Minor	Moderat	e Majo	r Replace		\$0		
	D3050 Terminal & Packa <sub>l</sub> Above ceiling VAV unit		o None	Minor	Moderat	e Majo	r Replace		\$0		
	In-room ventilator unit		o None	Minor	Moderat	e Majo	r Replace		\$0		
	In-room radiant unit		o None	Minor	Moderat	-			\$0		
	D3060 Controls & Instrumentation	100%	x None	Minor	Moderat				\$0		Local thermostat controls.
			-						7-		Air issue in the Principals Office and the three
											adjoining offices plan south of the Principal's
	D3070 Systems Testing & Balancing	100%	x None	Minor	Moderat	e Majo	r x Replace	20%	\$49,139	1	Office, too hot
_	D3090 Other HVAC Syste NOT USED	100%	None	Minor	Moderat	-		2070	J4J,1JJ	· ·	
D40 Fire	re Protection		None	WIIIIOI	Woderat	lviaju	Keplace		-		
<u></u>		1							1	-	Required in other buildings, except multipurpose
	D4010 Sprinklers	100%	x None	Minor	Moderat	e Majo	r x Replace	60%	\$552.810		building
	D4010 Sprinkers	10070	X None		Widderat	c iviajo	x neplace	00/0	\$332,010	· · ·	Required in other buildings, except multipurpose
	D4020 Standpipes	100%	x None	Minor	Mederat	e Majo	r V Doplaca	60%	\$294,832		building
		100%			Moderat			00%	\$294,852	· · ·	bullung
_	D4030 Fire Protection Specialties	100%	x None	Minor	Moderat	-			ŞU		
D50 Ele	D4090 Other Fire Protect NOT USED		None	Minor	Moderat	e Majo	r Replace		-	_	
DSUEIE		100%	None	Minor	Madarat				\$0		
	D5010 Electrical Service & Distribution	100%	x None	Minor	Moderat	e Majo	r Replace		ŞU		
		1000							40.040.040		Liebte and ald T.O., controls accel and series
	D5020 Lighting and Branch Wiring	100%	x None	Minor	Moderat			100%	\$2,948,319		Lights are old T-8s, controls need replaced.
	D5030 Communications ¿Voice / Data System	100%	x None	Minor	Moderat				\$0		
	Clock / Intercom System	100%	x None	Minor	Moderat	e Majo	r Replace		\$0		
											Additional security cameras are needed in areas
											of the campus for securioty purposes. March
	Closed Circuit Surveillance	100%	x None	Minor	x Moderat			20%	\$12,285		2022.
	Access Control System		o None	Minor	Moderat	e Majo	r Replace		\$0		
	Intrusion Alarm System		o None	Minor	Moderat	e Majo	r Replace		\$0		
	Fire Alarm / Detection	100%	x None	Minor	Moderat	e Majo	r Replace		\$0		
	Lighting Control System	100%	x None	Minor	Moderat	e Majo	r Replace		\$0		
	D5090 Other Electrical Sy NOT USED		None	Minor	Moderat	e Majo	r Replace				
									_	_	
E EQUIPMENT	& FURNISHINGS										
<u>E10 Equ</u>	ui <mark>pment</mark>								_		
	E1010 Commercial Equip Food Service	100%	x None	Minor	Moderat	e Majo	r Replace		\$0		
	Vocational		o None	Minor	Moderat	e Majo	r Replace		\$0		
	E1020 Institutional Equip Science		o None	Minor	Moderat	e Majo	r Replace		\$0		
	Art		o None	Minor	Moderat				\$0	1	
	Stage Performance	400	x None	Minor	Moderat				\$0	i	
	Restroom Accessories/Stalls	100%	x None	Minor	Moderat				\$0	<u> </u>	
	nest som nessones/ stans	100/0							ŶŸ	1	

E1030 Vehicular Equipm(NOT USED E1090 Other Equipment NOT USED	No	ne Minor ne Minor	Moderate Moderate	Major Major	Replace Replace				
E20 Furnishings	NO	wittor	wouerate	WidjUi	Replace			-	
E2010 Fixed Furnishings	100% x No		Moderate	Major	Bonlage	E 09/	\$184,270	S	Original countertops
-				Major	Replace	50%	. ,	5	Replace old desks that slam shut
E2020 Movable Furnishings	100% x No	ne Minor	Moderate	Major	x Replace	50%	\$2,211,239	1	Replace old desks that slam shut
CIAL CONSTRUCTION & DEMOLITION - NOT USED									
DING SITE WORK									
G10 Site Preparation NOT USED									
G20 Site Improvements									
									Parking lot/roadway needs sand and slurry
G2010 Roadways	21500 x No	ne x Minor	Moderate	Major	Replace	50%	\$93,122		to fill cracks throughout.
				- ~			1/		Parking lot/roadway needs sand and slurry
G2020 Parking Lots	8600 x No	ne x Minor	Moderate	Major	Replace	50%	\$79,819		to fill cracks throughout.
G2030 Pedestrian Paving	42400 x No		Moderate	Major	Replace		\$0		
G2040 Site Development	2300 x No		Moderate	Major	Replace		\$0		
G2050 Landscaping	10600 x No		Moderate	Major	Replace		\$0		Estimated square footage
G30 Site Mechanical Utilities	10000 X 110	Willion	Woderate	Iviajoi	Replace		ΟĘ		Estimated square rootage
	100% x No	ne Minor	Madarata	Major	Replace		\$0		
		-	Moderate	Major			\$0		
Fire	100% x No		Moderate	Major	Replace				
G3020 Sanitary Sewer	100% x No		Moderate	Major	Replace		\$0		
G3030 Storm Sewer	100% x No		Moderate	Major	Replace		\$0		
G3040 Heating Distribution	o No		Moderate	Major	Replace		\$0		
G3050 Cooling Distribution	o No		Moderate	Major	Replace		\$0		
G3060 Fuel Distribution	100% x No	ne Minor	Moderate	Major	Replace		\$0		
G3090 Other Site Mechai NOT USED	No	ne Minor	Moderate	Major	Replace		-		
G40 Site Electrical Utilities									
G4010 Electrical Distribut Service	100% x No		Moderate	Major	Replace		\$0		
Generator	o No	ne Minor	Moderate	Major	Replace		\$0		
									Additional lighting is suggested in unlit are
									security purposes, such as between buildir
									behind modulars. It is suggest to furnish t
									exterior egress lighting above doors with
									photocell (auto control) and emergency ba
G4020 Site Lighting	100% x No	ne Minor	Moderate	Major	x Replace	20%	\$147,416	I	pack for emergency purposes.
G4030 Site Communications & Security	100% x No	ne Minor	Moderate	Major	Replace		\$0		
G4090 Other Site Electric NOT USED	No	ne Minor	Moderate	Major	Replace				
G90 Other Site Construction NOT USED									
			Unit of		Unit				
Description of System			Measure	Quantity	Budget		Extended		Notes
No lightning protection system installed for the car	mpus. Potential equipment da	amage upon lightnin	g						
strikes.							\$0		
						1	\$0		1
						1	\$0		
						1	\$0		
						1	ŚŊ		
							\$0 \$0		

Physical Condition Budget Sub-Total	\$14,148,218
Budgeted Development Costs	\$5,376,323
Physical Condition Budget TOTAL	\$19,524,541
Replacement Budget	\$51,838,559
Facility Condition Index (FCI)	37.7%

Cooperative Strategies School Facilities Assessment

-	Sierra Sands Unified Sc											FORE ENTE	RING DATA ON THIS SHE	ET	
Name: ling Name:	Inyokern Elementary So 0	chool							eive direct u			not overwrit	0		
ling ID:	0				tomaticali	y populate	u cen no	in user inp	out else whe	i e in u	le file - do i	lot over write	e		
-												-			
							LEVEL OF	ACTION				% of			
			% of Building									System or	Automated Budget	Necessity Rank	
1 Level 2	Level 3	Type (as applicable)	or Number	No	ne	Minor	Mo	derate	Major		Replace	Finish	Estimate	(I, S, L)	Notes
UBSTRUCTURI															
A10 Found				<b>—</b>				–	<b>-</b>		L .		4.		
	A1010 Standard Found A1020 Special Foundat		10% 30%	x None x None		Minor Minor		derate derate	Major Major		Replace Replace		\$0 \$0		Sub basement under café Portables
	A1020 Special Foundat	IOTIS	60%	x None		Minor		derate	Major		Replace		\$0		Fortables
	ment Construction		00/0						inajoi		neplace	<u> </u>	φo		Į
	A2010 Basement Exc N	OT USED		None		Minor	Mo	derate	Major		Replace				
	A2020 Basement Walls		100%	x None		Minor	Mo	derate	Major		Replace		\$0		
HELL									_						
B10 Super							_			_					
	B1010 Floor Construe W		60%	x None		Minor		derate	Major		Replace	5%	\$48,110	L	Very creaky floor rm 6, disruptive to class
		eel oncrete	40%	o None o None		Minor Minor		derate derate	Major Major	$\vdash$	Replace Replace	┝──┤	\$0 \$0		1
	B1020 Roof Construc W		100%	x None		Minor		derate	Major		Replace	$\vdash$	\$0 \$0		
		eel	10070	o None		Minor		derate	Major		Replace		\$0		
		oncrete		o None		Minor		derate	Major		Replace		\$0		
B20 Exter	rior Enclosure		-						_						•
1	B2010 Exterior Walls Co	oncrete Formed / Tilt		o None		Minor	Mo	derate	Major		Replace		\$0		
		lasonry	60%	x None		Minor		derate	Major		Replace		\$0		
	Fr	amed w/Panel Siding	20%	x None		Minor	Mo	derate	Major	х	Replace	100%	\$962,206	S	Wood wall paneling is worn
															Sporadic stucco cracking throughout the fa
	Fr	amed w/Stucco	20%	x None		Minor	x Mo	derate	Major		Replace	10%	\$12,829		Patch and paint recommended. March 202
		amed w/Masonry Veneer		o None		Minor		derate	Major		Replace		\$0		
1	B2020 Exterior Wind W		20%	x None		Minor		derate	Major	х	Replace	100%	\$641,471	S	Café building windows poor condition
	A	luminum/Steel	80%	x None		Minor	Mo	derate	k Major		Replace	100%	\$1,026,353	S	Single Pane
		ad		o None		Minor		derate	Major		Replace		\$0		
		urtain Wall		o None		Minor		derate	Major		Replace		\$0		
	B2030 Exterior Door: W		20	o None		Minor		derate	Major		Replace		\$0 \$0		
		ollow Metal orefront	29	x None o None		Minor Minor		derate derate	Major Major		Replace Replace		\$0 \$0		
B30 Roofi		orenonic		0 None		IVITIO		uerate	Iviajoi		Replace		ŞU		<u> </u>
	B3010 Roof Covering A	sphalt Shingle	10%	x None		Minor	Мо	derate	K Major		Replace	75%	\$48,110	S	Some leaks in library and rm 12
		uilt-Up		o None		Minor		derate	Major		Replace		\$0		
							$\square$		7						Rollup above room 15 end of life. Wood
														_	flashing/eave is deteriorating across multip
		ngle Ply	15%	x None		Minor		derate	Major	X	Replace	35%	\$117,870	S	areas of the campus - March 2022.
		letal ancrete Tile	75%	x None o None		Minor Minor		derate	Major Major	×	Replace	60%	\$1,443,309 \$0		Offices and buildings perpendicular
	B3020 Roof Opening Sk	oncrete Tile sylights		o None		Minor		derate derate	Major		Replace Replace	┝──┤	\$0		+
	SSSED ROOF Opening Sr	1					1410		wiajoi		replace		ŶŬ		1
		score Hatch	1	V Nor-		Minor	N # -	dorata	Maior		Poplass	100%	\$11,602		Very poor condition. Cost update March 20
ITERIORS	A	ccess Hatch		x None		WITTOT	IVIO	derate	Major	x	Replace	100%	\$11,002	1	very poor condition. cost update March 20
	ior Construction														
		amed	100%	x None		Minor	Mo	derate	Major		Replace		\$0		
		lasonry		o None		Minor		derate	Major		Replace		\$0		
	C1020 Interior Doors W			o None		Minor		derate	Major		Replace		\$0		
		ollow Metal	16	x None		Minor		derate	Major		Replace		\$0		
	-	OT USED		None		Minor	Mo	derate	Major		Replace				
C20 Stairs	<u>s</u> C2010 Stair Construc W	lood	1	o Nora		Minor	N40	dorato 🗖	Major	r	Poplace	100%	\$123,750		Wood stair to roof
	CZOTO STAIL COURTER M	letal		o None o None		Minor Minor		derate derate	Major Major		Replace Replace	100%	\$123,750	L	

			_	_	_	_	_					
	Concrete		o None	Minor	Moderate	Major		Replace		\$0		
	C2020 Stair Finishes Concrete Fill		o None	Minor	Moderate	Major		Replace		\$0		
	Resilient		o None	Minor	Moderate	Major		Replace		\$0		
	ior Finishes		_									
	C3010 Wall Finishes Paint on Masonry		o None	Minor	Moderate	Major		Replace		\$0		
												Hole in wall in mechanical closet near access
	Wallboard	90%	x None	Minor	x Moderate	Major		Replace	5%	\$21,650	L	hatch, some worn in café
	Wainscot		o None	Minor	Moderate	Major		Replace		\$0		
	Ceramic Tile	10%	x None	Minor	Moderate	Major		Replace		\$0		
	C3020 Floor Finishes Carpet / Soft Surface	81%	x None	Minor	Moderate	Major		Replace		\$0		
	Resilient Tile	10%	x None	x Minor	Moderate	Major		Replace	10%	\$4,009	S	Room 1 has stained worn tiles
	Resilient Sheet		o None	Minor	Moderate	Major		Replace		\$0		
	Polished Concrete	2%	x None	Minor	Moderate	Major		Replace		\$0		
	Ceramic Tile	3%	o None	Minor	Moderate	Major		Replace		\$0		
	Liquid Applied	570	o None	Minor	Moderate	Major		Replace		\$0		
	Wood Sports Floor	4%	x None	Minor	Moderate	Major		Replace	100%	\$182,819	S	Stage flooring
		7%		Minor		-		-	100%	\$182,819	3	Stage nooning
	C3030 Ceiling Finishe Wallboard	1%	x None	IVIINOF	Moderate	Major		Replace		ŞU		Stains in Nurse office years 1.4.5 alassroa
		0.001							250/	454 740		Stains in Nurse office, room 1, 4, 5, classroo
	Lay-In Ceiling Tile	86%	x None	x Minor	Moderate	Major		Replace	25%	\$51,719	S	12,14, 15, library
	Glued-Up Ceiling Tile		o None	Minor	Moderate	Major		Replace		\$0		
	Painted Structure	7%	x None	Minor	Moderate	Major		Replace		\$0		
ERVICES												
D10 Conv	veying											
												Wheel chair lift for the stage located in the
	D1010 Elevators & Lifts	1	x None	Minor	Moderate	Major		Replace		\$0		Cafeteria.
	D1020 Escalators & Moving Walks		o None	Minor	Moderate	Major		Replace		\$0		
	D1090 Other Conveying Systems		o None	Minor	Moderate	Major		Replace		\$0		
D20 Plum	nbing		_							-		
	D2010 Plumbing Fixtures	100%	x None	Minor	Moderate	Major	х	Replace	25%	\$280,643	1	Non public fixtures are not ADA compliant.
	D2020 Domestic Water Distribution	100%	x None	Minor	Moderate	Major		Replace		\$0	S	Low water pressure throughout campus.
				H							-	
												Sanitary lines running under building 15, the
	D2030 Sanitary Waste	100%	x None	Minor	Moderate	Major	x	Replace	100%	\$481,103	1	lines need to be replaced due to deteriorati
	D2040 Rain Water Drainage	100%	x None	Minor	Moderate	Major		Replace	20%	\$48,110	· · ·	Roof leaks in the Library ceiling
	D2090 Other Plumbi NOT USED	100%	None	Minor	Moderate	Major		Replace	2070	Ş48,110	1	noor leaks in the Library delining
D30 HVA			None	WIIIO	Widdenate	wiajoi		Replace				
DSURVAG		<b></b>										HVAC system renovations planned for summ
	D2010 Frank	100%	x None	Minor	Moderate	Major		Replace		\$0		2022 from ESSER funds - March 2022.
	D3010 Energy Supply										-	
	D3020 Heat Generat Boiler (Water Heaters)	100%	x None	Minor	Moderate	Major		Replace		\$0	_	
	Air Handler (RTUs and Heat									4.4		
	Pumps)	100%	x None	Minor	Moderate	Major		Replace		\$0		
	Furnace		o None	Minor	Moderate	Major		Replace		\$0		
	Heat Exchanger		o None	Minor	Moderate	Major		Replace		\$0		
	Component of AHU (RTUs,						]					
	D3030 Cooling Gene Heat Pumps, Split Sys)	100%	x None	Minor	Moderate	Major		Replace		\$0		
	Stand alone chiller		o None	Minor	Moderate	Major		Replace		\$0		
	D3040 Distribution S Ductwork	100%	x None	Minor	Moderate	Major		Replace		\$0		
	Hot water return & supply	100%	x None	Minor	Moderate	Major		Replace		\$0		
	D3050 Terminal & Pa Above ceiling VAV unit		o None	Minor	Moderate	Major		Replace		\$0		
	In-room ventilator unit		o None	Minor	Moderate	Major		Replace		\$0		
	In-room radiant unit		o None	Minor	Moderate	Major		Replace		\$0		
	D3060 Controls & Instrumentation	100%	x None	Minor	Moderate	Major		Replace		\$0		
	D3070 Systems Testing & Balancing	100%	x None	Minor	Moderate	Major		Replace		\$0		
	D3090 Other HVAC S NOT USED	10070	None	Minor	Moderate	Major		Replace		υç		
			NOTE	IVIIIIOF	woderate	iviajor		vehigce				
DAO Eiro P		-	A N	A 41	Mariant	N/		Donle		ćo		Required
D40 Fire F			o None	Minor	Moderate	Major		Replace		\$0	_	Required
	D4010 Sprinklers		A North									
	D4020 Standpipes		o None	Minor	Moderate	Major		Replace		\$0	-	Required
		100%	o None x None None	Minor Minor Minor	Moderate Moderate Moderate	Major Major Major		Replace Replace Replace		\$0 \$0		Required

D50 Electrical

	D5010 Electrical Service & Distribution	100% x None	Minor	Moderate Major	x Replace	5%	\$64,147	1	Panel board 'DR' on the roof of the library has reached its end of life. Blank filler plates are missing and upon future failures, parts will be difficult to locate and repair.
									Repair fixture in Classroom 4, fixture lens cover has come off hinges. Additional exit signs suggested in classrooms for optional egress exiting and emergency lighting on battery packs upon the loss of normal in the event of emergencies. Upgrade to LED lighting system
	D5020 Lighting and Branch Wiring	100% x None	Minor	Moderate Major	x Replace	80%	\$1,539,529	I	throughout the campus - March 2022.
	D5030 Communicati Voice / Data System	100% x None	Minor	Moderate Major	Replace		\$0		
	Clock / Intercom System	100% x None	Minor	Moderate Major	Replace		\$0		
	Closed Circuit Surveillance Access Control System	100% x None o None	Minor Minor	Moderate Major Moderate Major	Replace Replace		\$0 \$0		
	Intrusion Alarm System	o None	Minor	Moderate Major	Replace		\$0 \$0		
	Fire Alarm / Detection	100% x None	Minor	Moderate Major	Replace		\$0		
	Lighting Control System	100% x None	Minor	Moderate Major	Replace		\$0		
	D5090 Other Electric NOT USED	None	Minor	Moderate Major	Replace				
E EQUI	PMENT & FURNISHINGS E10 Equipment								
	E1010 Commercial E Food Service	100% x None	Minor	Moderate Major	Replace		\$0		
	Vocational	o None	Minor	Moderate Major	Replace		\$0		
	E1020 Institutional E Science	o None	Minor	Moderate Major	Replace		\$0		
	Art	o None	Minor	Moderate Major	Replace		\$0		
	Stage Performance	500 x None	Minor	Moderate Major	Replace		\$0		
	Restroom Accessories/Stalls	100% x None	Minor	Moderate Major	Replace		\$0		
	E1030 Vehicular Equ NOT USED E1090 Other Equipm NOT USED	None None	Minor Minor	Moderate Major Moderate Major	Replace Replace				
	E20 Furnishings	None	WIIIO	Widderate	Replace		-	_	
			$\square$	ΠΠ	$\square$				Café and stage fixed equipment outdated. Majority of casework is beyond useful life, needs
	E2010 Fixed Furnishings	100% x None	Minor	Moderate Major	x Replace	35%	\$673,544	S	to be replaced - March 2022.
	E2020 Movable Furnishings	100% x None	Minor	Moderate Major	Replace		\$0		Concern with wood bench in rm 1 without rounded corners
F SPEC	CIAL CONSTRUCTION & DEMOLITION - NOT USED	100% X None	MINOR	Woderate	Replace		ŞU	L	rounded comers
G BUILD	DING SITE WORK								
	G10 Site Preparation NOT USED								
	G2010 Roadways	15000 x None	Minor	Moderate Major	Replace		\$0		
	G2010 Roadways	10400 x None	Minor	Moderate Major	Replace		\$0		
	G2030 Pedestrian Paving	28800 x None	Minor	Moderate Major	Replace		\$0 \$0		
	G2040 Site Development	2750 x None	Minor	Moderate Major	Replace		\$0		
	G2050 Landscaping	15000 x None	Minor	Moderate Major	Replace		\$0		
	G30 Site Mechanical Utilities							-	
	G3010 Water Supply Domestic	100% x None	Minor	Moderate Major	Replace		\$0		Low water pressure
	Fire	o None	Minor	Moderate Major	Replace		\$0		Required
	G3020 Sanitary Sewer	100% x None	Minor	Moderate Major	x Replace	100%	\$160,368		Sanitary lines running under building 15, the city lines need to be replaced due to deterioration.
	G3030 Storm Sewer	100% x None	Minor	Moderate Major	Replace	100/0	\$0		
	G3040 Heating Distribution	o None	Minor	Moderate Major	Replace		\$0		
	G3050 Cooling Distribution	o None	Minor	Moderate Major	Replace		\$0		
	G3060 Fuel Distribution	100% x None	Minor	Moderate Major	Replace		\$0		
	G3090 Other Site M€ NOT USED	None	Minor	Moderate Major	Replace				
	G40 Site Electrical Utilities	100%	Min-r	Madarata Mai-i	Deplet		ćo		· · · · · · · · · · · · · · · · · · ·
	G4010 Electrical Dist Service Generator	100% x None o None	Minor Minor	Moderate Major Moderate Major	Replace Replace	$\vdash$	\$0 \$0		4
	Generator	o none		inioaciate inidjul	Teplace		ΨŪ	1	

OTHER	G4020 Site Lighting G4030 Site Communications & Security G4090 Other Site Ele NOT USED G90 Other Site Construction NOT USED	100% x None Minor 100% x None Minor None Minor	Mod	lerate lerate lerate	Major Major Major	Re	eplace eplace eplace	5%	\$24,055 \$0	S	Additional lighting is suggested in unlit areas for security purposes, such as between buildings and behind modulars. It is suggest to furnish the exterior egress lighting above doors with photocell (auto control) and emergency battery pack for emergency purposes.
				it of	Quantity		Unit		Extended.		Neter
	Description of System	and shows had been a CAT/A CAO building. Used	-	asure	Quantity		Budget		Extended		Notes
	Fume hood with exhaust fan required for gas powe detector in lieu of a smoke detector is suggested to										
	cooking.								\$0		
	No lightning protection system installed for the car equipment upon lightning strikes.	npus. Potential to equipment damage to	1 [			[			\$0		
						1 C			\$0		
						1			\$0		
			┥┝──			┥┝			\$0		
			┥┝─			┥┝			\$0 \$0		

Physical Condition Budget Sub-Total	\$7,967,305
Budgeted Development Costs	\$3,027,576
Physical Condition Budget TOTAL	\$10,994,882
Replacement Budget	\$33,835,796
Facility Condition Index (FCI)	32.5%

District Name: Site Name: Building Name: Building ID:		0 0	R	An unuse	ed cell or syster	IFORMATION ON n that should not ated cell from use	receive direct	user input		RING DATA ON THIS SHEET	r	•
			Г			LEVEL OF ACTI	ON					
			% of Building						% of System or		Necessity Rank	
Level 1 Level 2 A SUBSTRUCTU		Type (as applicable)	or Number	None	Mino	r Moderat	e Majo	r Replac	e Finish	Estimate	(I, S, L)	Notes
	undations											
	A1010 Standard Foundations			None	Minor	Moderat	e Major	Replace		\$0		
	A1020 Special Foundations		30%		Minor	Moderat	·	Replace		\$0		Portables
420 B	A1030 Slab on Grade		70%	x None	Minor	Moderat	e Major	Replace		\$0		
AZU Bas	A2010 Basement Excavation	NOT USED		None	Minor	Moderat	e Major	Replace		-		
	A2020 Basement Walls	1010525		o None	Minor	Moderat		Replace		\$0		
B SHELL			<b>-</b>									
<u>B10 Sup</u>	perstructure			-				<b>—</b>				· · · · · · · · · · · · · · · · · · ·
	B1010 Floor Construction	Wood Steel	30%	x None None	Minor Minor	Moderat Moderat		Replace		\$0 \$0		
		Concrete	70%		Minor	Moderat		Replace Replace		\$0 \$0		+
		condicte	7070	K None	WIIIIOI	Woderat	e Iviajoi	Replace		ψŪ		Major leaks at connection between Media Center
	B1020 Roof Construction	Wood	100%	x None	Minor	Moderat	e x Major	Replace	10%	\$347,453	I	and Cafe
		Steel		o None	Minor	Moderat		Replace		\$0		
530 F 1	to produce as	Concrete		o None	Minor	Moderat	e Major	Replace		\$0		
B20 Exte	erior Enclosure B2010 Exterior Walls	Concrete Formed / Tilt	<u>г</u>	None	Minor	Moderat	e Major	Replace		\$0		
	bzoro Exterior Walls	Masonry	70%	x None	Minor	Moderat		Replace		\$0		
		Framed w/Panel Siding	30%		Minor	Moderat		Replace		\$0		
		Framed w/Stucco		o None	Minor	Moderat		Replace		\$0		
		Framed w/Masonry Veneer		-	Minor	Moderat		Replace		\$0		
	B2020 Exterior Windows	Wood	60% 40%		Minor	Moderat		Replace	100% 90%	\$1,667,774	S S	Single pane Most single pane except in admin space
		Aluminum/Steel Clad	40%	x None None	Minor	Moderat Moderat		Replace Replace	90%	\$667,110 \$0	5	Nost single parle except in admin space
		Curtain Wall		o None	Minor	Moderat		Replace		\$0		
	B2030 Exterior Doors	Wood		o None	Minor	Moderat	e Major	Replace		\$0		
		Hollow Metal	27		Minor	Moderat		Replace		\$0		
530 B		Storefront	2	x None	Minor	Moderat	e Major	Replace		\$0		
<u>B30 Roc</u>	B3010 Roof Coverings	Asphalt Shingle		None	Minor	Moderat	e Major	Replace		\$0		1 1
	bioto noor covernigs	Built-Up			Minor	Moderat		Replace		\$0		
							Π					Wood with spray on foam. Ok condition, appears to have had repairs. Some areas along edges where spray on is lifting up. Main concern is at
		Single Ply	70% 30%	x None	x Minor	Moderat		Replace	20%	\$68,101 \$0	L	connection between café and media center.
		Metal Concrete Tile		x None D None	Minor Minor	Moderat Moderat		Replace Replace		\$0 \$0		+
	B3020 Roof Openings	Skylights		o None	Minor	Moderat		Replace		\$0		
		Access Hatch		o None	Minor	Moderat	e Major	Replace		\$0		
C INTERIORS	erior Construction											
<u>C10 III.</u>	C1010 Partitions	Framed	70%	x None	Minor	Moderat	e Major	Replace		\$0		
		Masonry	30%		Minor	Moderat		Replace		\$0 \$0		
	C1020 Interior Doors	Wood	5	x None	Minor	Moderat	e Major	Replace		\$0		
		Hollow Metal	17	x None	Minor	Moderat		Replace		\$0		
620 St. 1	C1030 Fittings	NOT USED		None	Minor	Moderat	e Major	Replace				
C20 Stai	C2010 Stair Construction	Wood	<u>г</u>	None	Minor	Moderat	e Major	Replace		\$0		
		Metal			Minor	Moderat	· · ·	Replace		\$0		+
		Concrete			Minor	Moderat		Replace		\$0		1 1
	C2020 Stair Finishes	Concrete Fill		o None	Minor	Moderat	e Major	Replace		\$0		
		Resilient		None	Minor	Moderat	e Major	Replace		\$0		
C30 Inte	c3010 Wall Finishes	Paint on Masonry	25%	K None	Minor	Moderat	e Major	Replace		\$0		· · · · · · · · · · · · · · · · · · ·
		Wallboard	65%		Minor	Moderat		Replace		\$0 \$0		

			<b></b> ]	<b>—</b> ]				4.0		1
		Wainscot	o None	Minor	Moderate Major	Replace		\$0		
		Ceramic Tile	10% x None	Minor	Moderate Major	Replace		\$0		Rooms where carpet meets polished concrete
										appears to be beginning to lift but minor long
	C3020 Floor Finishes	Carpet / Soft Surface	87% x None	Minor	Moderate Major	Replace		\$0		term issue.
	C3020 Hoor Hillshes	Resilient Tile	4% x None	Minor	Moderate Major	Replace		\$0		term ibbder
		Resilient Sheet	3% x None	Minor	Moderate Major	Replace		\$0		
		Polished Concrete	3% x None	Minor	Moderate Major	Replace		\$0		
		Ceramic Tile	3% x None	Minor	Moderate Major			\$0		
		Liquid Applied	o None	Minor	Moderate Major	Replace		\$0		
		Wood Sports Floor	o None	Minor	Moderate Major			\$0		
	C3030 Ceiling Finishes	Wallboard	10% x None	Minor	Moderate Major	Replace		\$0		
	cooo cening misries	Wallboard	10/0 / / // // //		moderate			ψŪ		Stains: 16, 19, 20, Staff lounge, 22. Major leak
		Lay-In Ceiling Tile	60% x None	x Minor	Moderate Major	Replace	10%	\$20,847	s	stain in Media Center.
		Glued-Up Ceiling Tile	30% x None	Minor	Moderate Major	Replace		\$0		
		Painted Structure	o None	Minor	Moderate Major	Replace		\$0		
D SERVICES										•
	onveying									
	D1010 Elevators & Lifts		o None	Minor	Moderate Major	Replace		\$0		
	D1020 Escalators & Moving Walks		o None	Minor	Moderate Major	Replace		\$0		
	D1090 Other Conveying Systems		o None	Minor	Moderate Major	Replace		\$0		
D20 Plu	umbing									
										Old plumbing fixtures reached end of life. Some
										restrooms are not ADA compliant. Few plumbing
										issues in the MPR building where fixtures need to
	D2010 Plumbing Fixtures		100% x None	Minor	Moderate Major	x Replace	60%	\$972,868	1	be replaced.
	D2020 Domestic Water Distribution		100% x None	Minor	Moderate Major	Replace		\$0		
										MPR sewer issues remain. Some partial repairs
										were made but other issues remained to be
	D2030 Sanitary Waste		100% x None	Minor	Moderate Major	x Replace	20%	\$138,981	1	repaired or system replaced.
	D2040 Rain Water Drainage		o None	Minor	Moderate Major			\$0		
	D2090 Other Plumbing Systems	NOT USED	None	Minor	Moderate Major	Replace				
					moderate	Replace				
<u>D30 HV</u>	VAC			_					_	
<u>D30 HV</u>			100% x None	Minor	Moderate Major			\$0		
<u>D30 HV</u>	VAC		100% x None	Minor			$\square$	\$0	-	The kitchen water heater is reaching its end of
<u>D30 HV</u>	D3010 Energy Supply			Π	Moderate Major	Replace		· · · ·		life, no pan furnished underneath water heater.
<u>D30 HV</u>	VAC	Boiler (Water Htrs)	100% x None	Minor Minor		Replace	100%	\$0 \$926,541	S	
<u>D30 HV</u>	D3010 Energy Supply	Boiler (Water Htrs)		Π	Moderate Major	Replace	100%	· · · ·	s	life, no pan furnished underneath water heater.
<u>D30 HV</u>	D3010 Energy Supply			Π	Moderate Major	Replace	100%	· · · ·	s	life, no pan furnished underneath water heater. Replace entire system.
<u>D30 Hv</u>	D3010 Energy Supply	Air Handler (RTU's, Heat	100% x None	Minor	Moderate Major	Replace x Replace	100%	\$926,541	s	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 HV</u>	D3010 Energy Supply	Air Handler (RTU's, Heat Pumps, Split Systems)	100% x None	Minor	Moderate Major Moderate Major	Replace	100%	\$926,541 \$0	s	life, no pan furnished underneath water heater. Replace entire system.
<u>D30 HV</u>	D3010 Energy Supply	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace	100% x None 100% x None o None	Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major	x Replace Replace Replace	100%	\$926,541 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 HV</u>	D3010 Energy Supply	Air Handler (RTU's, Heat Pumps, Split Systems)	100% x None	Minor	Moderate Major Moderate Major	x Replace Replace Replace	100%	\$926,541 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 HV</u>	D3010 Energy Supply	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger	100% x None 100% x None o None	Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major	x Replace Replace Replace	100%	\$926,541 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 Hv</u>	D3010 Energy Supply	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace	100% x None 100% x None o None	Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major	x Replace Replace Replace	100%	\$926,541 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 HV</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split	100%         x         None           100%         x         None           0         None         None           0         None         None	Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace	100%	\$926,541 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 HV</u>	D3010 Energy Supply	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems)	100% x None 100% x None 0 None 100% x None	Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace Replace Replace Replace Replace Replace	100%	\$926,541 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 HV</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller	100%         x         None           100%         x         None           0         None         None           100%         x         None           0         None         None           100%         x         None	Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace	100%	\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 Hv</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems)	100%         x         None           100%         x         None           0         None         None           100%         x         None           100%         x         None           100%         x         None           100%         x         None	Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace Replace Replace Replace Replace Replace	100%	\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
D30 HV	VAC D3010 Energy Supply D3020 Heat Generating Systems	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller	100%         x         None           100%         x         None           0         None         None           100%         x         None	Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 HV</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit	100%         x         None           100%         x         None           0         None         None           100%         x         None	Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 Hv</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generating Systems D3040 Distribution Systems	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit	100%         x         None           100%         x         None           o         None           100%         x         None           o         None           100%         x         None           100%         x         None           100%         x         None           100%         x         None           00%         x         None           00%         x         None           0         None         O	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 Hv</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generating Systems D3040 Distribution Systems	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit	100%         x         None           100%         x         None           0         None         None           100%         x         None	Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 HV</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generating Systems D3040 Distribution Systems	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit	100%         x         None           100%         x         None           o         None           100%         x         None           o         None           100%         x         None           100%         x         None           100%         x         None           100%         x         None           00%         x         None           00%         x         None           0         None         O	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 HV</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generating Systems D3040 Distribution Systems	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit	100%         x         None           100%         x         None           o         None           100%         x         None           o         None           100%         x         None           100%         x         None           100%         x         None           100%         x         None           00%         x         None           00%         x         None           0         None         O	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 Hv</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generating Systems D3040 Distribution Systems	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit	100%         x         None           100%         x         None           o         None           100%         x         None           o         None           100%         x         None           100%         x         None           100%         x         None           100%         x         None           00%         x         None           00%         x         None           0         None         O	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 HV</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generating Systems D3040 Distribution Systems	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit	100%         x         None           100%         x         None           o         None           100%         x         None           o         None           100%         x         None           100%         x         None           100%         x         None           100%         x         None           00%         x         None           00%         x         None           0         None         O	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
D30 HV	VAC D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generating Systems D3040 Distribution Systems	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit	100%         x         None           100%         x         None           o         None           100%         x         None           o         None           100%         x         None           100%         x         None           100%         x         None           100%         x         None           00%         x         None           00%         x         None           0         None         O	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 HV</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generating Systems D3040 Distribution Systems D3050 Terminal & Package Units	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit	100%         x         None           0         0         None           0         0         None           100%         x         None           0         None         0           0         None         0           0         None         0           0         None         0	Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 Hv</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generating Systems D3040 Distribution Systems	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit	100%         x         None           100%         x         None           o         None           100%         x         None           o         None           100%         x         None           100%         x         None           100%         x         None           100%         x         None           00%         x         None           00%         x         None           0         None         O	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 HV</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generating Systems D3040 Distribution Systems D3050 Terminal & Package Units	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit	100%         x         None           0         0         None           0         0         None           100%         x         None           0         None         0           0         None         0           0         None         0           0         None         0	Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
D30 HV	VAC D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generating Systems D3040 Distribution Systems D3050 Terminal & Package Units	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit	100%         x         None           0         0         None           0         0         None           100%         x         None           0         None         0           0         None         0           0         None         0           0         None         0	Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 Hv</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generating Systems D3040 Distribution Systems D3050 Terminal & Package Units D3060 Controls & Instrumentation	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit	100%         x         None           100%         x         None           0         None         None           100%         x         None           100%         x         None           100%         x         None           0         None         None           100%         x         None           0         None         None           0         None         None           100%         x         None           0         None         None           100%         x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
<u>D30 Hv</u>	VAC D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generating Systems D3040 Distribution Systems D3050 Terminal & Package Units D3060 Controls & Instrumentation D3070 Systems Testing & Balancing	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit In-room radiant unit	100%         x         None           100%         x         None           0         None         0           100%         x         None           100%         x         None           100%         x         None           100%         x         None           0         None         0           100%         x         None           0         None         0           100%         x         None           100%         x         None           100%         x         None           100%         x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
	VAC         D3010 Energy Supply         D3010 Energy Supply         D3020 Heat Generating Systems         D3030 Cooling Generating Systems         D3040 Distribution Systems         D3050 Terminal & Package Units         D3060 Controls & Instrumentation         D3060 Systems Testing & Balancing         D3090 Other HVAC Systems & Equipment	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit	100%         x         None           100%         x         None           0         None         None           100%         x         None           100%         x         None           100%         x         None           0         None         None           100%         x         None           0         None         None           0         None         None           100%         x         None           0         None         None           100%         x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer
	VAC D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generating Systems D3040 Distribution Systems D3050 Terminal & Package Units D3060 Controls & Instrumentation D3070 Systems Testing & Balancing	Air Handler (RTU's, Heat Pumps, Split Systems) Furnace Heat Exchanger Component of air handler (RTU's, Heat Pumps, Split Systems) Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit In-room radiant unit	100%         x         None           100%         x         None           0         None         0           100%         x         None           100%         x         None           100%         x         None           100%         x         None           0         None         0           100%         x         None           0         None         0           100%         x         None           100%         x         None           100%         x         None           100%         x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Major Moderate Major	x Replace x Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$926,541 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	life, no pan furnished underneath water heater. Replace entire system. HVAC systems prepared to be replaced summer

D4020 Standpipes		o None	Minor	Moderate	Major	Replace		\$0		Required
D4030 Fire Protection Specialties		100% x None	Minor	Moderate	Major	Replace		\$0		
D4090 Other Fire Protection Systems	NOT USED	None	Minor	Moderate	Major	Replace				
D50 Electrical			_		-					
										New electrical service was brought into the
										campus but the existing electrical for the
										remained and has reached its end of life.
										will be difficult to locate when the electric
D5010 Electrical Service & Distribution		100% x None	Minor	Moderate	Major	x Replace	20%	\$370,616	1	panels start to fail.
D5020 Lighting and Branch Wiring	ŀ	100% x None	Minor	Moderate	Major	Replace	2076	\$0		puncis start to rail.
					-					
D5030 Communications & Security	Voice / Data System	100% x None	Minor	Moderate	Major	Replace		\$0		DA sustant is housed useful life and should
										PA system is beyond useful life and shoul
	Clock / Intercom System	100% x None	Minor	Moderate x	Major	Replace	100%	\$579,088		replaced - March 2022.
										Some of the cameras are outdated. Surve
										video is fuzzy and not legible. Additional s
										cameras in specific sections of the facility
	Closed Circuit Surveillance	100% x None	Minor	Moderate	Major	x Replace	65%	\$165,619	1	needed - March 2022.
	Access Control System	o None	Minor	Moderate	Major	Replace		\$0		
	Intrusion Alarm System	o None	Minor	Moderate	Major	Replace		\$0		1
	Fire Alarm / Detection	100% x None	Minor	Moderate	Major	Replace		\$0		
						-		+-		There is no lighting control system for the
										classrooms, there is only site lighting con
	Lighting Control System	100% x None	Minor	Moderate	Major	x Replace	100%	\$231,635		the site lighting.
D5090 Other Electrical Systems	NOT USED	100% X None	Minor	Moderate	Major	Replace	100%	\$251,055	1	the site lighting.
D5050 Other Electrical Systems	NOT USED	None	WIIIIOI	Widderate	Iviajoi	Replace				
MENT & FURNISHINGS										
E10 Equipment										
E1010 Commercial Equipment	Food Service	100% x None	Minor	Moderate	Major	Replace		\$0		1
E1010 Commercial Equipment	Vocational	o None	Minor	Moderate	Major	Replace		\$0		-
										_
E1020 Institutional Equipment	Science	o None	Minor	Moderate	Major	Replace		\$0		
	Art	o None	Minor	Moderate	Major	Replace		\$0		
										Curtains are not fire rated, the lighting is
	Stage Performance	800 x None	Minor	x Moderate	Major	Replace	70%	\$1,905,750	S	outdated.
	Restroom Accessories/Stalls	100% x None	Minor	Moderate	Major	Replace		\$0		
E1030 Vehicular Equipment	NOT USED	None	Minor	Moderate	Major	Replace				
E1090 Other Equipment	NOT USED	None	Minor	Moderate	Major	Replace				
E20 Furnishings	-									
E2010 Fixed Furnishings	Г	100% x None	x Minor	Moderate	Major	Replace	100%	\$347,453	L	Aged, finishes in areas beginning to lift/p
E2020 Movable Furnishings	T T	100% x None	Minor	Moderate	Major	Replace		\$0		1
AL CONSTRUCTION & DEMOLITION - NOT USED			_		- ·	· · ·	<u> </u>			
ING SITE WORK										
G10 Site Preparation	NOT USED									
G20 Site Improvements										
G2010 Roadways	r	21000 x None	Minor	Moderate	Major	Replace		\$0		
G2020 Parking Lots	ŀ	11650 x None	Minor	Moderate	Major	Replace		\$0		
GLOZO I DI KING LOG	ŀ	11000	i viinoi	Woderate		- Incplace	┝──┤	ψŪ		-
					1					
										Grates in front of doors to clear shoes ha
										filled with concrete, as walkways settle, t
										blocks become uneven and a tripping haz
					1					front of doors. Also, approximately 200 sf
		11			1		I			concrete is demaged at the outdoor

	G2030 Pedestrian Paving		34200	x None	Minor	Moderate	x Maior	Replace	21%	\$533,264	s	front of doors. Also, approximately 200 sf of concrete is damaged at the outdoor seating/classroom space behind the Media Center
	G2040 Site Development		2550	x None	Minor	Moderate		Replace		\$0		
	G2050 Landscaping		50560	x None	Minor	Moderate	Major	Replace		\$0		
G30 Site	Mechanical Utilities											
	G3010 Water Supply	Domestic	100%	x None	Minor	Moderate	Major	Replace		\$0		
		Fire		o None	Minor	Moderate	Major	Replace		\$0		Required
	G3020 Sanitary Sewer		100%	x None	Minor	Moderate	Major	Replace		\$0		
	G3030 Storm Sewer		100%	x None	Minor	Moderate	Major	Replace		\$0		
	G3040 Heating Distribution			o None	Minor	Moderate	Major	Replace		\$0		
	G3050 Cooling Distribution			o None	Minor	Moderate	Major	Replace		\$0		
	G3060 Fuel Distribution		100%	x None	Minor	Moderate	Major	Replace		\$0		
	G3090 Other Site Mechanical Utilities	NOT USED		None	Minor	Moderate	Major	Replace				

<u>G40 Sit</u>	e Electrical Utilities			_				_		_		_		
	G4010 Electrical Distribution	Service	100%	x None	Minor	Mode	ate	Major		Replace		\$0		
		Generator		o None	Minor	Mode	ate	Major		Replace		\$0		
						п								
			1 1											
			1 1											
			1 1											Exterior lighting controls does not comply with
			1 1											the current Title 24 for lighting throughout the
			1 1											campus. Additional lighting is suggested in unlit
			1 1											areas for security purposes, such as between
			1 1											buildings and behind modulars. It is suggest to
			1 1											furnish the exterior egress lighting above doors
			1 1											with photocell (auto control) and emergency
			1 1											battery pack for emergency purposes in lieu of
	G4020 Site Lighting		100%	x None	Minor	Mode	ate	Major	x	Replace	80%	\$555,925	1	being controlled manually with a switch.
	G4030 Site Communications & Security		100%	x None	Minor	Mode	ate	Major		Replace		\$0		
	G4090 Other Site Electrical Utilities	NOT USED		None	Minor	Mode	ate	Major		Replace				
<u>G90 Ot</u>	her Site Construction	NOT USED			_			-						
OTHER														
						Unit				Unit				
Descrip	tion of System					Meas	ure	Quantity		Budget		Extended		Notes
	No lightning protection system installed for t	he campus. Potential equipment o	amage upon lightr	ning strikes.								\$0		
												\$0		
												\$0		
												\$0		
						┥┝━━	_					\$0		ļ
									I I			\$0		

Physical Condition Budget Sub-Total	\$9,499,024
Budgeted Development Costs	\$3,609,629
Physical Condition Budget TOTAL	\$13,108,654
Replacement Budget	\$48,872,476
Facility Condition Index (FCI)	26.8%

District N	ame:	Sierra Sands Unified School Di	strict		REMINDER:	FILL O	JT ALL INFO	ORMATION	I ON ' <u>BA</u>	E INFORMA	TION SHEET ' B	EFORE ENTER	ING DATA ON THIS SHE	<b>T</b>
Site Nam		Pierce Elementary School			An unu	sed cell	or system t	hat should	l not rece	ive direct us	er input			-
Building I		(	)								e in the file - do	not overwrite		
Building I		(		-		Sinatioa	iy populate		, aber mp					
			-	-								_		
		1	1					LEVEL OF A	ACTION		<del> </del>		\$ 16,582,411	
												% of		
				% of Building								System or	Current Deficiency	
Level 1	Level 2	Level 3	Type (as applicable)	or Number	Non	e	Minor	Mod	derate	Major	Replace		Budget Estimate	Notes
A SUBS				•										
	A10 Four	ndations			_	_	T		_	-				Stem wall foundation (Room 12+13) minor
		A1010 Standard Foundations		10%	x None	×	Minor	Mod	erate	Major	Replace	100%	\$24,923	cracking observed
		A1020 Special Foundations		10%	o None	Ĥ	Minor		erate	Major	Replace	100%	\$24,923	
		A1030 Slab on Grade		90%	x None		Minor		erate	Major	Replace		\$0	
	A20 Base	ment Construction		50%	X Hone	_				indjoi	Replace		ψŪ	4
		A2010 Basement Excavation	NOT USED		None		Minor	Mod	erate	Major	Replace			
		A2020 Basement Walls			o None		Minor	Mode	erate	Major	Replace		\$0	
B SHELL							-							
	B10 Supe	erstructure			_			_			<u> </u>			
		B1010 Floor Construction	Wood		o None		Minor		erate	Major	Replace		\$0	
			Steel	100%	o None		Minor		erate	Major	Replace		\$0 \$0	
			Concrete	100%	x None		Minor	IVIOU	erate	Major	Replace		ŞU	Assumes main structure is wood, leaks in
		B1020 Roof Construction	Wood	100%	x None		Minor	Mode	erate	Major	Replace	40%	\$1,495,358	portables
			Steel	100/0	o None		Minor		erate	Major	Replace	1070	\$0	
			Concrete		o None		Minor		erate	Major	Replace		\$0	
	B20 Exte	rior Enclosure												
									Г					Paint very deformed and some cracking near
		B2010 Exterior Walls	Concrete Formed / Tilt	80%	x None		Minor		erate		Replace	25%	\$348,917	bathrooms of the main building
			Masonry		o None		Minor	Mode	erate	Major	Replace		\$0	
			Freedow (Developing	2001								600/	6007.045	Paint worn in areas of portables. Room 12 damage
			Framed w/Panel Siding Framed w/Stucco	20%	x None o None		Minor Minor		erate erate	Major Major	x Replace Replace	60%	\$897,215 \$0	near sign.
			Framed w/Masonry Veneer		o None		Minor		erate	Major	Replace		\$0	
		B2020 Exterior Windows	Wood		o None		Minor		erate	Major	Replace		\$0	
					-			H	-				7-	Should adjust \$ because there are very few
														windows on campus, replace windows in rooms 9
			Aluminum/Steel	100%	x None		Minor	Mode	erate	Major	x Replace	90%	\$2,915,948	11
			Clad		o None		Minor		erate	Major	Replace		\$0	
			Curtain Wall		o None		Minor		erate	Major	Replace		\$0	
		B2030 Exterior Doors	Wood		o None		Minor		erate	Major	Replace		\$0	Describer of a stability of the state of the
			Hollow Metal Storefront	24	x None x None		Minor Minor		erate	Major Major	x Replace	75%	\$144,788 \$0	Doors damaged aesthetically at rooms 9-11 Single pane
	<u>B30 Roof</u>	ling	storemont	1	x None		winor	IVIOU	erate	iviajor	Replace		ŞU	Single pane
	50 KUUI	B3010 Roof Coverings	Asphalt Shingle		o None		Minor	Mode	erate	Major	Replace		\$0	
		20010 1001 004011160	, sprint onligic							1110,01	Replace		ΟÇ	End of life, severity adjusted due to very few leaks
			Built-Up	72%	x None		Minor	Mode	erate	Major	x Replace	100%	\$1,794,429	on large building.
			Single Ply		o None		Minor		erate	Major	Replace		\$0	
							ľ	$\square$						
			Metal	28%	x None		Minor		erate	Major	x Replace	100%	\$1,395,667	Portable roofs (rm 9-11) need to be replaced.
		P2020 Poof Oreasian	Concrete Tile		o None		Minor		erate	Major	Replace		\$0	
		B3020 Roof Openings	Skylights Access Hatch		o None o None		Minor Minor		erate erate	Major Major	Replace Replace		\$0 \$0	
		l .			o none		WIIIO	IVIOU	ciale	wiajui	Replace		υç	

CTO IIICCI	rior Construction										
	C1010 Partitions	Framed	100% x	None	Minor	Moderate	Major	Replace		\$0	
		Masonry	0	None	Minor	Moderate	Major	Replace		\$0	
	C1020 Interior Doors	Wood	0	None	Minor	Moderate	Major	Replace		\$0	
		Hollow Metal	25 x	None	Minor	Moderate	x Major	Replace	10%	\$11,602	Hardware damaged rooms 9-11
	C1030 Fittings	NOT USED		None	Minor	Moderate	Major	Replace			
C20 Stair	<u>'s</u>			•							-
	C2010 Stair Construction	Wood	0	None	Minor	Moderate	Major	Replace		\$0	
		Metal	0	None	Minor	Moderate	Major	Replace		\$0	
		Concrete	0	None	Minor	Moderate	Major	Replace		\$0	
	C2020 Stair Finishes	Concrete Fill	0	None	Minor	Moderate	Major	Replace		\$0	
		Resilient	0	None	Minor	Moderate	Major	Replace		\$0	
C30 Inter	rior Finishes			_	_			_			
	C3010 Wall Finishes	Paint on Masonry	0	None	Minor	Moderate	Major	Replace		\$0	
											Minor wear at corners of walls around cam
		Wallboard	100% x	None	x Minor	Moderate	Major	Replace	10%	\$37,384	due to age
		Wainscot	0	None	Minor	Moderate	Major	Replace		\$0	
		Ceramic Tile	0	None	Minor	Moderate	Major	Replace		\$0	
	C3020 Floor Finishes	Carpet / Soft Surface	82% x	None	Minor	Moderate	Major	Replace		\$0	
		Resilient Tile		None	Minor	Moderate	Major	Replace		\$0	
				1							Some bubbling, especially worn near main
		Resilient Sheet	15% x	None	Minor	Moderate	Major	x Replace	20%	\$44,861	entrance
		Polished Concrete	3% x	None	Minor	Moderate	Major	x Replace	5%	\$2,804	Fridge floor uneven
		Ceramic Tile	o	None	Minor	Moderate	Major	Replace		\$0	
		Liquid Applied	0	None	Minor	Moderate	Major	Replace		\$0	
		Wood Sports Floor	0	None	Minor	Moderate	Major	Replace		\$0	
	C3030 Ceiling Finishes	Wallboard	0	None	Minor	Moderate	Major	Replace		\$0	
	-	Lay-In Ceiling Tile	28% x	None	x Minor	Moderate	Major	Replace	28%	\$29,309	Minor leak damage in room 9-12, 14
		Glued-Up Ceiling Tile	0	None	Minor	Moderate	Major	Replace		\$0	
				1							Dirty due to vents, room 4 may need more
											investigation as it appeared to be damage
		Painted Structure	72% x	None	Minor	Moderate	Major	x Replace	100%	\$448,607	was all repaired
CES											
D10 Con	veying D1010 Elevators & Lifts			None	Minor	Moderate	Major	Banlasa		\$0	
		Malles.		None				Replace			
	D1020 Escalators & Moving		0	None	Minor	Moderate	Major	Replace		\$0	
020 0100	D1090 Other Conveying Sys	items	0	None	Minor	Moderate	Major	Replace		\$0	
D20 Plun			100%	None	Minor	Madarata	Major	Banlasa	<u> </u>	ćo	[
	D2010 Plumbing Fixtures	21. 19			Minor	Moderate	Major	Replace		\$0	
	D2020 Domestic Water Dist	ribution	100% x	None	Minor	Moderate	Major	Replace		\$0	
	D2030 Sanitary Waste				Minor	Moderate	Major	Replace		\$0	
	D2040 Rain Water Drainage		0		Minor	Moderate	Major	Replace		\$0	
D30 HVA	D2090 Other Plumbing Syst	em NUT USED		None	Minor	Moderate	Major	Replace			
0001111	D3010 Energy Supply		100% x	None	Minor	Moderate	Major	Replace		\$0	
										7.	Water heater in Kitchen has no overflow pa
											Some modular units do not have any sourc
	D3020 Heat Generating Sys	ten Boiler (Water Heaters)	100% x	None	x Minor	Moderate	Major	Replace	20%	\$74,768	hot water.
						moderate			2070	<i>φ, τ</i> ,/00	
		Air Handling Units (RTUS, Hea									
		Air Handling Units (RTUs, Hea Pumps)		None	Minor	Moderate	Major	Replace		\$0	All HVAC prepared to be replaced summer

# Cooperative Strategies School Facilities Assessment

Heat Exchanger	o None	Minor	Moderate Major	Replace	\$0	
Component of AHU (RTUs, He						
D3030 Cooling Generating Syst Pumps)	100% x None	Minor	Moderate Major	Replace	\$0	
Stand alone chiller	o None	Minor	Moderate Major	Replace	\$0	
D3040 Distribution Systems Ductwork	100% x None	Minor	Moderate Major	Replace	\$0	
Hot water return & supply	100% x None	Minor	Moderate Major	Replace	\$0	
D3050 Terminal & Package Uni Above ceiling VAV unit	o None	Minor	Moderate Major	Replace	\$0	
In-room ventilator unit	o None	Minor	Moderate Major	Replace	\$0	
In-room radiant unit	o None	Minor	Moderate Major	Replace	\$0	
D3060 Controls & Instrumentation	100% x None	Minor	Moderate Major	Replace	\$0	
D3070 Systems Testing & Balancing	100% x None	Minor	Moderate Major	Replace	\$0	
D3090 Other HVAC Systems & NOT USED	None	Minor	Moderate Major	Replace		
D40 Fire Protection						
D4010 Sprinklers	o None	Minor	Moderate Major	Replace	\$0	Required
D4020 Standpipes	o None	Minor	Moderate Major	Replace	\$0	Required
D4030 Fire Protection Specialties	100% x None	Minor	Moderate Major	Replace	\$0	
D4090 Other Fire Protection Sy NOT USED	None	Minor	Moderate Major	Replace		
D50 Electrical						
D5010 Electrical Service & Distribution	100% x None	Minor	Moderate Major	Replace	\$0	
						exterior lighting does not comply with the cur Title 24 for lighting and controls throughout tl campus. No emergency lighting for egress ligh in the offices and portables for evacuation. It suggested to provide wall switches in the pre- school restrooms for safety in lieu of occupany sensors and include emergency battery packs
D5020 Lighting and Branch Wiring	100% x None	Minor	Moderate Major	x Replace	100% \$2,990,716	light fixtures.
D5030 Communications & Sect Voice / Data System	100% x None	Minor	Moderate Major	Replace	\$0	
Clock / Intercom System	100% x None	Minor	Moderate Major	Replace	\$0	
Closed Circuit Surveillance	100% x None	Minor	Moderate Major	Replace	\$0	
Access Control System	o None	Minor	Moderate Major	Replace	\$0	
Intrusion Alarm System	o None	Minor	Moderate Major	Replace	\$0	
Fire Alarm / Detection	100% x None	Minor	Moderate Major	x Replace	75% \$420,569	Intermittent issues, nuisance tripping of fire a devices throughout the campus.
Lighting Control System	100% x None	Minor	Moderate Major	x Replace	100% \$249,226	Lighting controls does not comply with the current Title 24 for lighting throughout the campus.
D5090 Other Electrical System: NOT USED	None	Minor	Moderate Major	Replace	·	
QUIPMENT & FURNISHINGS		_				
E10 Equipment						
	100% x None	Minor		Doplace	40% \$64,799	Food service equipment is reaching it end of and is suggested to replace food service equipment.
E1010 Commercial Equipment Food Service			x Moderate Major	Replace	40% \$64,799 \$0	equipment.
Vocational	o None	Minor	Moderate Major	Replace		
E1020 Institutional Equipment Science	o None	Minor	Moderate Major	Replace	\$0	

		E1020 Institutional Equipment	t Science		o None	Minor	Moderate	Major	Repla	ace	\$0	
			Art		o None	Minor	Moderate	Major	Repla	ace	\$0	
			Stage Performance		o None	Minor	Moderate	Major	Repla	ace	\$0	
			Restroom Accessories/Stalls	100%	x None	Minor	Moderate	Major	x Repla	ace 30%	\$1,869,197	Non public restrooms are not ADA compliant.
		E1030 Vehicular Equipment	NOT USED		None	Minor	Moderate	Major	Repla	ace		
		E1090 Other Equipment	NOT USED		None	Minor	Moderate	Major	Repla	ace		
	E20 F	urnishings				_						
		E2010 Fixed Furnishings		100%	x None	Minor	Moderate	Major	Repla	ace	\$0	
		E2020 Movable Furnishings		100%	x None	Minor	Moderate	Major	Repla	ace	\$0	
F	SPECIAL CO	NSTRUCTION & DEMOLITION - NO	OT USED									

G BUILDING SITE WORK

G10 Site Preparation	NOT USED									
G20 Site Improvements										
G2010 Roadways		20000	x None	Minor	Moderate	x Major	Replace	20%	\$272,250	Slurry coating and striping needed
										Slurry coating and striping needed. Repave
G2020 Parking Lots		10200	x None	Minor	Moderate	x Major	Replace	75%	\$426,009	playground areas - March 2022.
										Good condition, areas near portables could g
G2030 Pedestrian Pavin	g	20000	x None	Minor	Moderate	Major	Replace		\$0	some minor repairs
G2040 Site Developmen	it	2600	x None	Minor	Moderate	Major	Replace		\$0	
G2050 Landscaping		16600	x None	Minor	Moderate	Major	Replace		\$0	
G30 Site Mechanical Utilities										
G3010 Water Supply	Domestic	100%	x None	Minor	Moderate	Major	Replace		\$0	Replaced 8 years ago (2011)
	Fire		o None	Minor	Moderate	Major	Replace		\$0	
G3020 Sanitary Sewer		100%	x None	Minor	Moderate	Major	Replace		\$0	Replaced 8 years ago (2011)
G3030 Storm Sewer		100%	x None	Minor	Moderate	Major	Replace		\$0	Replaced 8 years ago (2011)
G3040 Heating Distribu	tion		o None	Minor	Moderate	Major	Replace		\$0	
G3050 Cooling Distribut	ion		o None	Minor	Moderate	Major	Replace		\$0	
G3060 Fuel Distribution		100%	x None	Minor	Moderate	Major	Replace		\$0	
G3090 Other Site Mech	anical L NOT USED		None	Minor	Moderate	Major	Replace			
G40 Site Electrical Utilities										
G4010 Electrical Distrib	ution Service	100%	x None	Minor	Moderate	Major	Replace		\$0	
	Generator		o None	Minor	Moderate	Major	Replace		\$0	
										Exterior lighting controls does not comply w
										the current Title 24 for lighting throughout t
										campus. Additional lighting is suggested in u
										areas for security purposes, such as between
										buildings and behind modulars. It is suggest
										furnish the exterior egress lighting above do
										with photocell (auto control) and emergence
G4020 Site Lighting		100%	x None	Minor	x Moderate	Major	Replace	100%	\$373,839	battery pack for emergency purposes.
										Site communication and security up to the
										campus is insufficient for additional load add
G4030 Site Communica	tions & Security	100%	x None	Minor	Moderate	Major	x Replace	50%	\$249,226	the campus
G4090 Other Site Electr	ical Util NOT USED		None	Minor	Moderate	Major	Replace			
G90 Other Site Construction	NOT USED									
ER										
					Unit of		Unit			
Description of System					Measure	Quantity	Budget		Extended	Notes
										\$0
No lightning protection	system installed for the campus.	Potential equipment of	damage upon	lightning strikes.						Potential equipment damage due to lightnin
										\$0 strikes.
Abandoned HVAC in me	zzanine of main building to be re	emoved and additional	abatement re	equired to be						\$0 Health safety concern.
										\$0
										\$0
										\$0

\$16,582,411 \$6,301,316		
\$22,883,728 heavy reno		
	75% CRV	
<b>\$52,583,996</b> \$		39,437,996.96
43.5%		
	\$6,301,316 \$22,883,728 heavy reno \$52,583,996 \$	\$6,301,316 \$22,883,728 heavy reno 75% CRV \$52,583,996 \$

trict Name: e Name: ilding Name:	Sierra Sands Unified School Vieweg Education Center 0			An unuse	d cell or system	that should not rec ed cell from user in	eive direct us	er input			ING DATA ON THIS SHEE	I	
ilding ID:	0	<u>-</u>								-			
	Г				<u> </u>	LEVEL OF ACTION	-	<u> </u>		% of			
			% of Building							System or	Automated Budget	Necessity Rank	
Vel 1 Level 2 SUBSTRUCTU		Type (as applicable)	or Number	None	Minor	Moderate	Major	F	Replace	Finish	Estimate	(I, S, L)	Notes
	indations												
<u>/10100</u>	A1010 Standard Foundatio	ns		None	Minor	Moderate	Major	Re	eplace		\$0		
	A1020 Special Foundations		0		Minor	Moderate	Major		eplace		\$0		
	A1030 Slab on Grade			None	Minor	Moderate	Major	Re	eplace		\$0		
A20 Bas	ement Construction				_	_ :		_					
	A2010 Basement Excavatio	r NOT USED		None	Minor	Moderate	Major		eplace				
	A2020 Basement Walls		c	None	Minor	Moderate	Major	Re	eplace		\$0		
SHELL	and the set of the												
<u>B10 Sup</u>	B1010 Floor Construction	Wood		None	Minor	Moderate	Major		eplace	<u> </u>	\$0		T
		Steel			Minor	Moderate	Major		eplace		\$0		
		Concrete	100%		Minor	Moderate	Major		eplace		\$0		
	B1020 Roof Construction	Wood		None	Minor	Moderate	Major		eplace		\$0		
		Steel		None	Minor	Moderate	Major		eplace		\$0		
		Concrete	C	None	Minor	Moderate	Major		eplace		\$0		
B20 Exte	erior Enclosure		_		_			_					
	B2010 Exterior Walls	Concrete Formed / Tilt	20%	None	Minor	x Moderate	Major	Re	eplace	15%	\$30,611	L	Little visible damage, some paint damage throughout campus
		Masonry	5%	None	Minor	x Moderate	Major	Re	eplace	15%	\$11,479	L	Little visible damage, some paint damage throughout campus
		Framed w/Panel Siding	55%	None	Minor	x Moderate	Major	Re	eplace	10%	\$84,180	L	Little visible damage, some paint damage throughout campus
		Francisco de la Characteria	2004				Malan			1.00/	¢20.407		Little visible damage, some paint damage
		Framed w/Stucco Framed w/Masonry Veneer	20%	None None	Minor Minor	x Moderate Moderate	Major Major		eplace eplace	10%	\$20,407 \$0	L	throughout campus
	B2020 Exterior Windows	Wood		None	Minor	Moderate	Major		eplace		\$0		
		Aluminum/Steel	100%	1	Minor	Moderate	Major	П	eplace	100%	\$3,316,188	S	Single pane and draft enters long term severi café windows leak immediate severity
		Clad	100/0 /		Minor	Moderate	Major		eplace	100/0	\$0	5	
		Curtain Wall	C		Minor	Moderate	Major		eplace		\$0		
	B2030 Exterior Doors	Wood	c		Minor	Moderate	Major		eplace		\$0		
		Hollow Metal	38 >	None	Minor	Moderate	x Major	Re	eplace	100%	\$238,011	S	Hardware very poor functionality
		Storefront	c	None	Minor	Moderate	Major	Re	eplace		\$0		
<u>B30 Roc</u>				-	—			_					-
	B3010 Roof Coverings	Asphalt Shingle	c	None	Minor	Moderate	Major	Re	eplace		\$0		
												_	Listed it as built up, it is plywood rolled up for then spray on. Spray on foam had blistering,
		Built-Up Single Div	100%		Minor	Moderate	x Major		eplace	100%	\$1,785,640	S	exposed chipped areas, bubbling in areas.
		Single Ply		None	Minor	Moderate	Major		eplace	┝───┥	\$0 \$0		1
		Metal Concrete Tile		None None	Minor Minor	Moderate Moderate	Major Major		eplace eplace	┝───┤	\$0 \$0		+
	B3020 Roof Openings	Skylights		None	Minor	Moderate	Major		eplace		\$0		
	boozo noor openings	Access Hatch		None	Minor	Moderate	Major		eplace		\$0		
INTERIORS										· · · · ·			•
	erior Construction												
				7									
													Octagon areas have temporary (not framed)
	C1010 Partitions	Framed	100%	None	Minor	Moderate	Major		eplace		\$0		partitions that may be a soundproofing conce
		Masonry	0		Minor	Moderate	Major		eplace		\$0		
	C1020 Interior Doors	Wood	19 >	-	Minor	Moderate	Major		eplace	$\vdash$	\$0		
		Hollow Metal	2 >	None	Minor	Moderate	Major	Re	eplace		\$0		

C20 Stairs

			· · · · · ·	٦.,			<b>—</b>			40		1
C2	2010 Stair Construction	Wood		None	Minor	Moderate	Major	Replace		\$0		
		Metal		None	Minor	Moderate	Major	Replace		\$0		
		Concrete		None	Minor	Moderate	Major	Replace		\$0		
C2	2020 Stair Finishes	Concrete Fill		o None	Minor	Moderate	Major	Replace		\$0		
		Resilient		o None	Minor	Moderate	Major	Replace		\$0		
C30 Interior				-	_	_	—			-		
C3	3010 Wall Finishes	Paint on Masonry		o None	Minor	Moderate	Major	Replace		\$0		
												Sporadic wall paint damage, damages within
												mechanical spaces, significant water damage near
		Wallboard		K None	Minor	x Moderate	Major	Replace	10%	\$68,875	L	windows of café.
		Wainscot		o None	Minor	Moderate	Major	Replace		\$0		
		Ceramic Tile	10%	k None	Minor	Moderate	Major	Replace		\$0		
C	3020 Floor Finishes	Carpet / Soft Surface	70%	x None	Minor	Moderate	Major	x Replace	100%	\$1,044,599	S	End of life
		Resilient Tile		< None	Minor	Moderate	Major	Replace		\$0		
		Resilient Sheet		None	Minor	Moderate	Major	Replace		\$0		
		Polished Concrete		None	Minor	Moderate	Major	Replace		\$0		
		Ceramic Tile		K None	Minor	Moderate	Major	Replace		\$0		
		Liquid Applied		None	Minor	Moderate	Major	Replace		\$0		
				-						· · ·		
		Wood Sports Floor	5%	k None	Minor	x Moderate	Major	Replace	100%	\$79,716	L	Stage aging (wood flooring but not sports floor)
CE	3030 Ceiling Finishes	Wallboard	10%	k None	Minor	Moderate	Major	Replace		\$0		
		Lay-In Ceiling Tile		< None	x Minor Minor	Moderate	Major Major	Replace	2%	\$6,122 \$0	S	Several missing tiles in the vacant kindergarten space and few more missing panels throughout campus, several leak stains. Several areas of the portable buildings still have stained ceiling tiles. March 2022
		Glued-Up Ceiling Tile				Moderate	Major	Replace				
		Painted Structure		None	Minor	Moderate	Major	Replace		\$0		
SERVICES	- da =											
D10 Convey	ying		<b></b>							1	r	Wheel chair lift wall control was dangling
												(Cafeteria Building) on the right hand side of the
D'	1010 Elevators & Lifts		1	k None	x Minor	Moderate	Major	Replace	100%	\$44,213	ι .	stage. Currently it is not in use.
	1020 Escalators & Moving	Walks		None None	Minor	Moderate	Major	Replace	10070	\$0		
	1090 Other Conveying Sys			None None	Minor	Moderate	Major	Replace		\$0		
D20 Plumbi			L			moderate	major	hepidde		ψŪ	I	ļ
	2010 Plumbing Fixtures		100%	k None	Minor	Moderate	Major	x Replace	100%	\$1,785,640		The plumbing fixtures have reached their end of life in the restrooms, kitchen and janitor closets. In addition, the fixtures in the restrooms are non compliant per ADA.
						H						The domestic waster distribution system has
D;	2020 Domestic Water Dist	tribution	100%	k None	Minor	Moderate	Major	x Replace	100%	\$765,274	1	reached its end of life through the campus.
D.	2030 Sanitary Waste		100%	x None	Minor	Moderate	Major	x Replace	100%	\$765,274	1	The sanitary waste system has reached is its end of life through the campus. Grease trap line was clogged, it was rerouted to the sanitary waste line in the Kitchen.
D2	2040 Rain Water Drainage	2		o None	Minor	Moderate	Major	Replace		\$0		
	2090 Other Plumbing Syst	NOT USED		None	Minor	Moderate	Major	Replace				
<u>D30 HVAC</u> D3	3010 Energy Supply		100%	x None	x Minor	Moderate	Major	x Replace	100%	\$765,274	1	Connections to the RTUs, are rusting and deteriorating. Suggest painting the piping to inhibit rusting and possible failure and staining the roof coating.
				1								
D	3020 Heat Generating Sys	Boiler (Water Heaters)	100%	k None	Minor	Moderate	Major	x Replace	100%	\$1,020,366		Water heater (50 gal) have reached end of life for the kitchen and Janitor closet outside building 5.

			-	_						1		The units have reached their and of life. The
												The units have reached their end of life. The units on the roof for the kitchen are not
												functional and there is not heating or cooling in
			4000/						40000	4765.074		
		Air Handler (RTUs)	100%	x Nor		Moderate	Major	x Replace	100%	\$765,274		the building.
		Furnace		o Nor		Moderate	Major	Replace		\$0		
		Heat Exchanger		o Nor	ne Minor	Moderate	Major	Replace		\$0		
												The units have reached their end of life. The
												units on the roof for the kitchen are not
												functional and there is not heating or cooling in
	D3030 Cooling Gener	rating S Component of air handler (RTL	100%	x Nor	ne Minor	Moderate	Major	x Replace	100%	\$765,274	1	the building.
		Stand alone chiller		o Nor	ne Minor	Moderate	Major	Replace		\$0		
			-									The ductwork is dirty due to the age of the RTU
												units and grills and diffusers indicating stained
	D3040 Distribution S	vstems Ductwork	100%	x Nor	ne Minor	Moderate	Major	x Replace	100%	\$510,183	L	ceilings.
		Hot water return & supply		o Nor		Moderate	Major	Replace		\$0		
	D30E0 Terminal & Ba	ackage   Above ceiling VAV unit		o Nor		Moderate	Major	Replace		\$0		
	D3030 Terminar & Fa	In-room ventilator unit		o Nor		Moderate				\$0		
							Major	Replace		1.1	-	
		In-room radiant unit		o Nor	ne Minor	Moderate	Major	Replace	<b>—</b>	\$0		Local thermostats are not functional. RTU units
			4000/						40000	4540.400		
	D3060 Controls & Ins		100%	x Nor		Moderate	Major	x Replace	100%	\$510,183		temperature do not change.
	D3070 Systems Testi	0 0	100%	x Nor	ne Minor	Moderate	Major	x Replace	100%	\$255,091		The RTU units are not balanced.
	D3090 Other HVAC S	ystems NOT USED		Nor	ne Minor	Moderate	Major	Replace				
	D40 Fire Protection											
	D4010 Sprinklers			o Nor	ne Minor	Moderate	Major	Replace		\$0		Required
	D4020 Standpipes			o Nor	ne Minor	Moderate	Major	Replace		\$0		Required
						П						
												Kitchen has fire suppression system and
												classrooms have fire extinguishers. The outdoor
												open areas do not have fire extinguishers and
	D4030 Fire Protection	n Specialties	100%	x Nor	ne Minor	x Moderate	Major	Replace	100%	\$382,637	L	hose reel cabinets are welded shut.
	D4090 Other Fire Pro			Nor		Moderate	Major	Replace		,		
	D50 Electrical									_		
	<u>boo ciccuricar</u>									1		Electrical equipment and distribution has reached
												it end of life. Parts will be difficult and replace
												upon a failure. In the Kitchen, circuits are
												upon a failure. In the Kitchen, circuits are tripping and office in kitchen has no power due to
	DE010 Electrical Son	ico & Distribution	100%	V Nor	Minor	Mederate	Major	v Poplaco	100%	\$2,040,721		tripping and office in kitchen has no power due to
	D5010 Electrical Serv	vice & Distribution	100%	x Nor	ne Minor	Moderate	Major	x Replace	100%	\$2,040,731	1	
	D5010 Electrical Serv	rice & Distribution	100%	x Nor	ne Minor	Moderate	Major	x Replace	100%	\$2,040,731		tripping and office in kitchen has no power due to circuit breakers tripping.
	D5010 Electrical Serv	vice & Distribution	100%	x Nor	ne Minor	Moderate	Major	x Replace	100%	\$2,040,731		tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and
	D5010 Electrical Serv	rice & Distribution	100%	x Nor	ne Minor	Moderate	Major	x Replace	100%	\$2,040,731		tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current
	D5010 Electrical Serv	rice & Distribution	100%	x Nor	ne Minor	Moderate	Major	x Replace	100%	\$2,040,731	1	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the
											1	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress
	D5020 Lighting and B	Branch Wiring	100%	x Nor	ne Minor	Moderate	Major	x Replace	100%	\$3,061,097	1	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the
	D5020 Lighting and B				ne Minor						1	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress
	D5020 Lighting and B	Branch Wiring	100%	x Nor	ne Minor ne Minor	Moderate	Major	x Replace		\$3,061,097	1	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress
	D5020 Lighting and B	Branch Wiring ons & S Voice / Data System	100%	x Nor x Nor	ne Minor ne Minor ne Minor	Moderate Moderate	Major Major	x Replace Replace		\$3,061,097 \$0	1	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress
	D5020 Lighting and B	Branch Wiring ons & S Voice / Data System Clock / Intercom System	100% 100%	x Nor x Nor o Nor	ne Minor ne Minor ne Minor ne Minor	Moderate Moderate Moderate	Major Major Major	x Replace Replace Replace		\$3,061,097 \$0 \$0	1	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress
	D5020 Lighting and B	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System	100% 100%	x Nor x Nor o Nor x Nor o Nor	ne Minor ne Minor ne Minor ne Minor	Moderate Moderate Moderate Moderate	Major Major Major Major Major	x Replace Replace Replace Replace Replace		\$3,061,097 \$0 \$0 \$0	1	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress
	D5020 Lighting and B	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance	100% 100%	x Nor x Nor o Nor x Nor o Nor	ne Minor ne Minor ne Minor ne Minor	Moderate Moderate Moderate Moderate	Major Major Major Major Major	x Replace Replace Replace Replace Replace		\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0	1 1	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress
	D5020 Lighting and B	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System	100% 100%	x Nor x Nor o Nor x Nor o Nor	ne Minor ne Minor ne Minor ne Minor	Moderate Moderate Moderate Moderate	Major Major Major Major Major	x Replace Replace Replace Replace Replace		\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0		tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation.
	D5020 Lighting and B	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System Intrusion Alarm System	100% 100% 100%	x Nor x Nor o Nor x Nor o Nor	ne Minor ne Minor ne Minor ne Minor ne Minor ne Minor	Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major	x Replace Replace Replace Replace Replace Replace	100%	\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0 \$0		tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation. Additional devices needed throughout the campus. Missing fire alarm devices and outdated
	D5020 Lighting and B	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System	100% 100%	x Nor x Nor o Nor x Nor o Nor o Nor	ne Minor ne Minor ne Minor ne Minor ne Minor ne Minor	Moderate Moderate Moderate Moderate	Major Major Major Major Major	x Replace Replace Replace Replace Replace Replace		\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0		tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation. Additional devices needed throughout the campus. Missing fire alarm devices and outdated and damaged fire alarm devices.
	D5020 Lighting and B	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System Intrusion Alarm System	100% 100% 100%	x Nor x Nor o Nor x Nor o Nor	ne Minor ne Minor ne Minor ne Minor ne Minor ne Minor	Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major	x Replace Replace Replace Replace Replace Replace	100%	\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0 \$0		tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation.
	D5020 Lighting and B	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System Intrusion Alarm System Fire Alarm / Detection	100% 100% 100%	x Nor x Nor o Nor o Nor x Nor x Nor	ne Minor ne Minor ne Minor ne Minor ne Minor ne Minor	Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major	x Replace Replace Replace Replace Replace Replace x Replace	100%	\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation. Additional devices needed throughout the campus. Missing fire alarm devices and outdated and damaged fire alarm devices. Lighting controls does not comply with the current Title 24 for lighting throughout the
	D5020 Lighting and B D5030 Communicatio	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System Intrusion Alarm System Fire Alarm / Detection Lighting Control System	100% 100% 100%	x Nor x Nor o Nor x Nor x Nor x Nor	ne Minor ne Minor ne Minor ne Minor ne Minor ne Minor	Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major	x Replace Replace Replace Replace Replace Replace x Replace x Replace	100%	\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0 \$0	         	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation.
_	D5020 Lighting and B	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System Intrusion Alarm System Fire Alarm / Detection Lighting Control System	100% 100% 100%	x Nor x Nor o Nor o Nor x Nor x Nor	ne Minor ne Minor ne Minor ne Minor ne Minor ne Minor	Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major	x Replace Replace Replace Replace Replace Replace x Replace	100%	\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	1 1	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation. Additional devices needed throughout the campus. Missing fire alarm devices and outdated and damaged fire alarm devices. Lighting controls does not comply with the current Title 24 for lighting throughout the
	D5020 Lighting and E D5030 Communication	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System Intrusion Alarm System Fire Alarm / Detection Lighting Control System	100% 100% 100%	x Nor x Nor o Nor x Nor x Nor x Nor	ne Minor ne Minor ne Minor ne Minor ne Minor ne Minor	Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major	x Replace Replace Replace Replace Replace Replace x Replace x Replace	100%	\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	1 1	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation. Additional devices needed throughout the campus. Missing fire alarm devices and outdated and damaged fire alarm devices. Lighting controls does not comply with the current Title 24 for lighting throughout the
E EQUIT	D5020 Lighting and E D5030 Communication D5090 Other Electric PMENT & FURNISHINGS	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System Intrusion Alarm System Fire Alarm / Detection Lighting Control System	100% 100% 100%	x Nor x Nor o Nor x Nor x Nor x Nor	ne Minor ne Minor ne Minor ne Minor ne Minor ne Minor	Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major	x Replace Replace Replace Replace Replace Replace x Replace x Replace	100%	\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	         	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation. Additional devices needed throughout the campus. Missing fire alarm devices and outdated and damaged fire alarm devices. Lighting controls does not comply with the current Title 24 for lighting throughout the
e equir	D5020 Lighting and E D5030 Communication D5090 Other Electric PMENT & FURNISHINGS E10 Equipment	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System Intrusion Alarm System Fire Alarm / Detection Lighting Control System al Syste NOT USED	100% 100% 100% 100%	x Nor x Nor x Nor x Nor x Nor x Nor	ne Minor ne Minor ne Minor ne Minor ne Minor ne Minor ne Minor	Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major	x Replace Replace Replace Replace Replace x Replace x Replace Replace	100%	\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0 \$573,956 \$255,091	I I I I S	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation. Additional devices needed throughout the campus. Missing fire alarm devices and outdated and damaged fire alarm devices. Lighting controls does not comply with the current Title 24 for lighting throughout the
E EQUIT	D5020 Lighting and E D5030 Communication D5090 Other Electric PMENT & FURNISHINGS	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System Intrusion Alarm System Fire Alarm / Detection Lighting Control System al Syste NOT USED	100% 100% 100%	x Nor x Nor o Nor x Nor o Nor x Nor o Nor x Nor	ne Minor Minor ne Minor ne Minor ne Minor ne Minor ne Minor ne Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major	x Replace Replace Replace Replace Replace x Replace x Replace x Replace x Replace	100%	\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$573,956 \$255,091 \$0		tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation. Additional devices needed throughout the campus. Missing fire alarm devices and outdated and damaged fire alarm devices. Lighting controls does not comply with the current Title 24 for lighting throughout the
E EQUI	D5020 Lighting and E D5030 Communication D5090 Other Electric PMENT & FURNISHINGS E10 Equipment E1010 Commercial Ed	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System Intrusion Alarm System Fire Alarm / Detection Lighting Control System al Syste NOT USED	100% 100% 100% 100%	x Nor x Nor o Nor x Nor o Nor x Nor o Nor x Nor x Nor x Nor	he Minor he Minor he Minor he Minor he Minor he Minor he Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major	x Replace Replace Replace Replace Replace x Replace x Replace x Replace x Replace Replace	100%	\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$573,956 \$255,091 \$255,091	I	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation. Additional devices needed throughout the campus. Missing fire alarm devices and outdated and damaged fire alarm devices. Lighting controls does not comply with the current Title 24 for lighting throughout the
E EQUI	D5020 Lighting and E D5030 Communication D5090 Other Electric PMENT & FURNISHINGS E10 Equipment	Sranch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System Intrusion Alarm System Fire Alarm / Detection Lighting Control System al Syste NOT USED quipme Food Service Vocational quipme Science	100% 100% 100% 100%	x Nor v Nor o Nor o Nor x Nor	he Minor he Minor he Minor he Minor he Minor he Minor he Minor he Minor he Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major	x Replace Replace Replace Replace Replace Replace x Replace x Replace x Replace Replace Replace Replace Replace	100%	\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$573,956 \$255,091 \$255,091 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	I	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation. Additional devices needed throughout the campus. Missing fire alarm devices and outdated and damaged fire alarm devices. Lighting controls does not comply with the current Title 24 for lighting throughout the
E EQUIR	D5020 Lighting and E D5030 Communication D5090 Other Electric PMENT & FURNISHINGS E10 Equipment E1010 Commercial Ed	Branch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System Intrusion Alarm System Fire Alarm / Detection Lighting Control System al Syste NOT USED quipme Food Service Vocational quipme Science Art	100% 100% 100% 100%	x Nor x Nor o Nor o Nor x Nor x Nor x Nor x Nor x Nor x Nor 0 Nor 0 Nor 0 Nor 0 Nor	he Minor he Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major	x Replace Replace Replace Replace Replace x Replace x Replace Replace	100%	\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0 \$573,956 \$255,091 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation. Additional devices needed throughout the campus. Missing fire alarm devices and outdated and damaged fire alarm devices. Lighting controls does not comply with the current Title 24 for lighting throughout the campus.
E EQUIR	D5020 Lighting and E D5030 Communication D5090 Other Electric PMENT & FURNISHINGS E10 Equipment E1010 Commercial Ed	Sranch Wiring ons & S Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System Intrusion Alarm System Fire Alarm / Detection Lighting Control System al Syste NOT USED quipme Food Service Vocational quipme Science	100% 100% 100% 100%	x Nor v Nor o Nor o Nor x Nor	he Minor he Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major	x Replace Replace Replace Replace Replace Replace x Replace x Replace x Replace Replace Replace Replace Replace	100%	\$3,061,097 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$573,956 \$255,091 \$255,091 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	I I I I S S	tripping and office in kitchen has no power due to circuit breakers tripping. Lighting is not efficient, classrooms, offices and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the campus. No emergency lighting for egress lighting in the classrooms for evacuation. Additional devices needed throughout the campus. Missing fire alarm devices and outdated and damaged fire alarm devices. Lighting controls does not comply with the current Title 24 for lighting throughout the

Restroom Accessories/Stalls 100% x None Minor Moderate	Major x Replace 100% \$6,377,285	Not compliant with ADA
IO30 Vehicular Equipment NOT USED         None         Minor         Moderate	Major Replace	
1090 Other Equipment NOT USED None Minor Moderate	Major Replace	
hings		
2010 Fixed Furnishings 100% x None x Minor Moderate	Major Replace 50% \$191,319	L Cabinets under counters need resurfacing
2020 Movable Furnishings 100% x None Minor Moderate	Major Replace \$0	
RUCTION & DEMOLITION - NOT USED		· · · · · · · · · · · · · · · · · · ·
/ORK		
reparation NOT USED		
nprovements		
2010 Roadways 2000 x None x Minor Moderate	Major Replace 25% \$5,158	S Some slurry coat needed
2020 Parking Lots 1000 x None x Minor Moderate	Major Replace 25% \$5,527	S Some slurry coat needed
		Cracking and uneven tiles in pathways espe
		connecting buildings. Most along buildings
52030 Pedestrian Paving 1500 x None Minor Moderate	Major Replace 50% \$66,319	S entrance are ok.
22040 Site Development 2600 x None Minor Moderate	Major Replace \$0	Chain-link did not surround the school
		Poor irrigation, vast majority of campus is h
52050 Landscaping 30000 x None Minor Moderate	Major x Replace 100% \$630,028	s sand.
lechanical Utilities		
		The domestic water has reached its end of
3010 Water Supply Domestic 100% x None Minor Moderate	Major x Replace 100% \$255,091	to the campus.
Fire O None Minor Moderate	Major Replace \$0	Required
		The sanitary sewer has reached its end of I
53020 Sanitary Sewer 100% x None Minor Moderate	Major x Replace 100% \$255,091	to the campus.
33030 Storm Sewer o None Minor Moderate		
63040 Heating Distribution o None Minor Moderate	Major Replace \$0	
63050 Cooling Distribution o None Minor Moderate	Major Replace \$0	
		The fuel distribution (natural gas) has reach
63060 Fuel Distribution 100% x None Minor Moderate	Major x Replace 100% \$255,091	I end of life up to the campus.
i3090 Other Site Mechanic NOT USED None Minor Moderate	Major Replace	
lectrical Utilities		
		Electrical service up to the campus is insuf
64010 Electrical Distribution Service 100% x None Minor Moderate	Major x Replace 100% \$765,274	I for additional load added to the campus
Generator o None Minor Moderate	Major Replace \$0	
		Insufficient site lighting for security and sit
64020 Site Lighting 100% x None Minor Moderate	Major x Replace 100% \$765,274	I lighting control is not in compliant with Tit
		Site communication and security up to the
		campus is insufficient for additional load a
54030 Site Communications & Security 100% x None Minor Moderate	Major x Replace 100% \$510,183	s to the campus
64090 Other Site Electrical NOT USED None Minor Moderate	Major Replace	- Internet in the second secon
Site Construction NOT USED	include	
Unit of	Unit	
n of System Measure	Quantity Budget Extended	Notes
	Exchucu	Notes
Io lightning protection system installed for the campus. Potential equipment damage upon lightning		
trikes.	\$0	
	\$0	
	\$0	
	\$0	
	\$0	
	\$0	
	\$0	

 Physical Condition Budget Sub-Total
 \$31,585,682

 Budgeted Development Costs
 \$12,002,559

 Physical Condition Budget TOTAL
 \$43,588,241

 Replacement Budget
 \$53,567,701

Facility Condition Index (FCI)

81.4%

ict Name: Sierra Sa	nds Unified School District	F	EMINDER:	FILL OUT ALL INF	ORMATION ON '	BASE INFORI	MATION	SHEET' B	EFORE ENTE	RING DATA ON THIS SHE	ET	
Name: James M	onroe Middle School		An unus	ed cell or system	that should not re	eceive direct	user inp	ut				
ing Name:	0	_	An autor	natically populate	ed cell from user	input elsewh	ere in th	e file - do	not overwrit	e		
ling ID:	0	_										
		_							-			
					LEVEL OF ACTIO	N						7
									% of			
		% of Building							System or	Automated Budget	Necessity Rank	
1 Level 2 Level 3	Type (as applicable)	or Number	None	Minor	Moderate	Majo	r	Replace	Finish	Estimate	(I, S, L)	Notes
UBSTRUCTURE												
A10 Foundations												
	andard Foundations		o None	Minor	Moderate	Major		Replace		\$0		
	pecial Foundations		o None	Minor	Moderate	Major		Replace		\$0		
A1030 SI	ab on Grade	100%	x None	Minor	Moderate	Major		Replace		\$0		
A20 Basement Cor	nstruction		_									-
A2010 Ba	asement Exca NOT USED		None	Minor	Moderate	Major		Replace				
A2020 Ba	asement Walls		o None	Minor	Moderate	Major		Replace		\$0		
HELL			_				_					
B10 Superstructur	e											
B1010 FI	oor Construct Wood	20%	x None	Minor	Moderate	Major		Replace		\$0		
	Steel		o None	Minor	Moderate	Major		Replace		\$0		
	Concrete	80%	x None	Minor	Moderate	Major		Replace		\$0		
B1020 R	oof Construct Wood	30%	x None	Minor	Moderate	Major		Replace		\$0		Modular
	Steel	70%	x None	Minor	Moderate	Major		Replace		\$0		Main structures
	Concrete		o None	Minor	Moderate	Major		Replace		\$0		
<b>B20 Exterior Enclo</b>	sure											•
B2010 Ex	terior Walls Concrete Formed / Tilt		o None	Minor	Moderate	Major		Replace		\$0		
	Masonry	40%	x None	Minor	x Moderate	Major		Replace	30%	\$260,937	L	Main central buildings, some areas need pa
	Framed w/Panel Siding	25%	x None	Minor	Moderate	x Major		Replace	30%	\$271,809	L	Some panels need replacing at modulars
					H		н					Some patching and paintwork needed at gy
	Framed w/Stucco	35%	x None	Minor	Moderate	x Major		Replace	30%	\$304,426	L	building.
	Framed w/Masonry Veneer		o None	Minor	Moderate	Major	H	Replace		\$0		
B2020 Ex	kterior Windo Wood		o None	Minor	Moderate	Major		Replace		\$0		
			-				н			+-		Teachers do not open windows, all single pa
	Aluminum/Steel	100%	x None	Minor	Moderate	Major	x	Replace	100%	\$4,711,357	S	fogging evident
	Clad		o None	Minor	Moderate	Major		Replace		\$0		
	Curtain Wall		o None	Minor	Moderate	Major		Replace		\$0		
B2030 Ex	sterior Doors Wood		x None	Minor	Moderate	Major		Replace		\$0		
			_				н			+-		Water and dust enters under doors, hardwa
	Hollow Metal	75	x None	Minor	Moderate	x Major		Replace	100%	\$415,491	S	damaged in several locations
	Storefront		o None	Minor	Moderate	Major		Replace	100/0	\$0	0	
B30 Roofing	storenone	L	o none			major		nepiace		ψū		
	oof Coverings Asphalt Shingle		o None	Minor	Moderate	Major		Replace		\$0		
501010	Built-Up		o None	Minor	Moderate	Major		Replace		\$0		1
			o None	Minor	Moderate	Major		Replace		\$0		
	Single Ply Metal		x None	Minor	Moderate			Replace	75%	\$5,436,182	S	Metal covered by spray foam, bubbling, ho
	Concrete Tile			Minor	Moderate	Major		-	/ 5%	\$5,430,182	3	Wetar covered by spray roam, bubbling, no
D2020 D			o None o None			Major		Replace		\$0 \$0		
B3020 R0	oof Openings Skylights			Minor	Moderate	Major		Replace		\$0		
TENODE	Access Hatch		o None	Minor	Moderate	Major		Replace		ŞU		
ITERIORS	ruction											
C10 Interior Const		100%	North	A	Mandanat	N 4-1-		Dople		ćo.		1
C1010 Pa			x None	Minor	Moderate	Major		Replace	H	\$0		
	Masonry		0	Minor	Moderate	Major	$\square$	Replace		\$0		Come alagate have as the time with an
												Some closets have padlocks such as space a
										47.00		from office instead of hardware, issues ope
C1020 In	terior Doors Wood	20	x None	Minor	x Moderate	Major	$\square$	Replace	20%	\$7,821	L	sometimes
												Some closets have padlocks such as space a
										45.000		from office instead of hardware, issues oper
	Hollow Metal	15	x None	Minor	x Moderate	Major		Replace	20%	\$5,866	L	sometimes

C20 Stairs

	F		_	_			-				
C2010 Stair Constructi			o None	Minor	Moderate Majo		Replace		\$0		
	/letal		o None	Minor	Moderate Majo		Replace		\$0		
	Concrete		o None	Minor	Moderate Majo		Replace		\$O		
C2020 Stair Finishes	Concrete Fill	(	o None	Minor	Moderate Majo		Replace		\$0		
	tesilient	(	o None	Minor	Moderate Majo		Replace		\$0		
C30 Interior Finishes	_										
C3010 Wall Finishes	Paint on Masonry	20%	x None	x Minor	Moderate Majo		Replace	30%	\$32,617	S	Surfaces mostly ok, some age and deterioration
	Vallboard	80%	x None	Minor	x Moderate Majo		Replace	30%	\$260,937	S	Surfaces mostly ok, some age and deterioration
	Vainscot	(	o None	Minor	Moderate Majo		Replace		\$0		
	Ceramic Tile	(	o None	Minor	Moderate Majo		Replace		\$0		
C3020 Floor Finishes	arpet / Soft Surface	60%	x None	Minor	Moderate Majo	×	Replace	100%	\$1,272,066	S	End of life, some damage
	tesilient Tile		x None	x Minor	Moderate Majo		Replace	30%	\$27,181	S	Minor damage, sporadically
	sesilient Sheet		o None	Minor	Moderate Majo		Replace		\$0	-	371 7
	olished Concrete		x None	x Minor	Moderate Majo		Replace	30%	\$27,181	S	Needs resealing
	Ceramic Tile		x None	x Minor	Moderate Majo	. –	Replace	30%	\$54,362	S	Grout damage
								30%		3	Grout durinage
	iquid Applied		o None	Minor	Moderate Majo		Replace		\$0		Curra lata ana sua an
	Vood Sports Floor		x None	Minor	x Moderate Majo		Replace	100%	\$226,508	S	Gym/stage worn
C3030 Ceiling Finishes			o None	Minor	Moderate Majo		Replace		\$0		
	ay-In Ceiling Tile		x None	x Minor	Moderate Majo		Replace	30%	\$130,468	S	Some stained tiles
	Glued-Up Ceiling Tile	20%	x None	x Minor	Moderate Majo		Replace	30%	\$40,228	S	Some stained tiles
	ainted Structure	1	o None	Minor	Moderate Majo		Replace		\$0		
VICES							_				
D10 Conveying											
D1010 Elevators & Lifts	Г	(	o None	Minor	Moderate Majo		Replace		\$0		
D1020 Escalators & Mo	ving Walks		o None	Minor	Moderate Majo		Replace		\$0		
D1090 Other Conveying			o None	Minor	Moderate Majo		Replace		\$0		
D20 Plumbing	systems		0 None	NULL OF	wioderate		Replace		ŞU		
D2010 Plumbing Fixture		100%	x None	Minor	Moderate Majo	×	Replace	100%	\$2,536,885		Don't meet ADA
											Reached end of life
D2020 Domestic Water	Distribution		x None	Minor	Moderate Majo		-	100%	\$1,087,236		
D2030 Sanitary Waste	L		x None	Minor	Moderate Majo			100%	\$1,087,236		Reached end of life
D2040 Rain Water Drai	-	(	o None	Minor	Moderate Majo		Replace		\$O		
D2090 Other Plumbinį I	IOT USED		None	Minor	Moderate Majo		Replace				
D30 HVAC	_						_				
D3010 Energy Supply	L L L L L L L L L L L L L L L L L L L	100%	x None	x Minor	Moderate Majo		Replace	100%	\$724,824	S	Gas piping is rusting attached to RTUs
D3020 Heat Generatir I	oiler	(	o None	Minor	Moderate Majo		Replace		\$0		
	Air Handler	100%	x None	Minor	Moderate Majo	×	Replace	80%	\$869,789	S	Reaching end of life, package RTUs not AHU
	urnace		o None	Minor	Moderate Majo		Replace		\$0		
	leat Exchanger		o None	Minor	Moderate Majo		Replace		\$0		
	Component of air handler		x None	Minor	Moderate Majo	×	Replace	80%	\$869,789	S	Reaching end of life, package RTUs not AHU
	tand alone chiller		o None	Minor	Moderate Majo	Ĥ	Replace	0070	\$0		neuening end er me, paenage mes netrine
D3040 Distribution Sy: I			x None	Minor		×		100%		S	Deterioration
					Moderate Majo		Replace	100%	\$724,824	5	Detenoration
	lot water return & supply		o None	Minor	Moderate Majo		Replace		\$0		
D3050 Terminal & Pac			o None	Minor	Moderate Majo		Replace		\$0		
	n-room ventilator unit		o None	Minor	Moderate Majo		Replace		\$0		
	n-room radiant unit		o None	Minor	Moderate Majo	Ľ	Replace		\$O		
D3060 Controls & Instru	mentation	100%	x None	Minor	Moderate Majo	×	Replace	100%	\$724,824	S	Cannot replace parts
D3070 Systems Testing	& Balancing	100%	x None	Minor	Moderate Majo	x	Replace	80%	\$289,930		Some areas were not functional
D3090 Other HVAC Sy I	IOT USED		None	Minor	Moderate Majo		Replace			1	
D40 Fire Protection											•
D4010 Sprinklers	Г		o None	Minor	Moderate Majo		Replace		\$0		Required
D4020 Standpipes	F		o None	Minor	Moderate Majo		Replace		\$0		Required
D4020 Standpipes	ŀ	—— <u> </u>	- None	i viii o	Widju	- I		┝──┤	ΨŪ		Recertify/confirm system, all fire hose cabine
D4030 Fire Protection S	necialties	100%	x None	Minor	Moderate Majo	×	Replace	100%	\$724,824		are welded shut, required
		100%						100%	<i>Ş12</i> 4,024	· · ·	are welded shut, required
D4090 Other Fire Prot I	010320		None	Minor	Moderate Majo		Replace				
D50 Electrical			_			_	<b>-</b> .			r	
D5010 Electrical Service			x None	Minor	Moderate Majo			80%	\$2,319,437		Main switchgear obsolete
D5020 Lighting and Bra			x None	Minor	Moderate Majo			100%	\$4,348,945		End of life, not in compliance to Title 24
D5030 Communication	oice / Data System	100%	x None	Minor	x Moderate Majo		Replace	40%	\$217,447	S	Rodents chewing cable
	Clock / Intercom System	100%	x None	Minor	Moderate Majo		Replace		\$0		
	· · · · · · · · · · · · · · · · · · ·	4000/	x None	Minor	Moderate Majo		Replace		\$0		
	losed Circuit Surveillance	100%									
(	Closed Circuit Surveillance		o None	Minor	Moderate Majo		Replace		\$0		

	Interview Alarma Contains			h dia an		D.4-Ser			\$0		I
	Intrusion Alarm System Fire Alarm / Detection	100%	o None x None	Minor Minor	Moderate Moderate	Major Major	Replace x Replace	100%	\$0 \$815,427		Inadequate system
		100%		Minor				100%			End of life, not in compliance to Title 24
	Lighting Control System	100%	x None		Moderate	Major	x Replace	100%	\$362,412	1	End of life, not in compliance to fittle 24
D5090 Other Electrica	NOT USED		None	Minor	Moderate	Major	Replace		-		
PMENT & FURNISHINGS											
E10 Equipment						_					
E1010 Commercial Eq	Food Service	100%	x None	Minor	Moderate	Major	Replace		\$0		
	Vocational	100%	x None	x Minor	Moderate	Major	Replace	100%	\$144,965	L	Vocational space/equipment not in use
E1020 Institutional Eq	Science	10000	x None	Minor	Moderate	Major	x Replace	100%	\$228,113	S	Outdated system
	Art	1000	x None	Minor	Moderate		Replace	50%	\$4,888	S	Broken cabinets/cabinet tops
			H			- 1	H		,		
	Stage Performance	1432	x None	Minor	Moderate	Major	x Replace	100%	\$6,999,795	S	Inadequate/almost nonexistent stage equip
											Gym restrooms were at end of life, rest w
	Restroom Accessories/Stalls	100%	x None	Minor	Moderate	Major	x Replace	15%	\$1,359,045	S	adequate
E1030 Vehicular Equip	NOT USED		None	Minor	Moderate	Major	Replace				
E1090 Other Equipme	NOT USED	1 1	None	Minor	Moderate	Major	Replace				
E20 Furnishings		4	_						-		
											Very damaged interior and exterior, sever
E2010 Fixed Furnishin	gs	100%	x None	Minor	Moderate	Major	x Replace	100%	\$4,348,945	S	locations not used.
E2020 Movable Furnis		100%	x None	Minor	Moderate	Major	x Replace	15%	\$978,513	S	Some furniture needed to be replaced
AL CONSTRUCTION & DEMOLIT											
ING SITE WORK											
G10 Site Preparation	NOT USED	4									
G20 Site Improvements			<b></b> _	<b>—</b>	<b>—</b> ———————————————————————————————————	<b>-</b> 1					
G2010 Roadways		5500	x None	Minor	Moderate	Major	Replace		\$0		
G2020 Parking Lots		37243	x None	Minor	Moderate	Major	x Replace	100%	\$1,577,753	I	Very evident heaving
G2030 Pedestrian Pav	ing	11470	x None	Minor	Moderate	x Major	Replace	100%	\$897,069	L	Minor cracking
G2040 Site Developm	ent	3000	x None	Minor	Moderate	Major	x Replace	100%	\$1,270,913	S	Also the gate for parking lot is broken.
											Irrigation is not used and land is a very ha
G2050 Landscaping		4550	x None	Minor	Moderate	Major	x Replace	100%	\$84,516	S	sandy surface
G30 Site Mechanical Utilities									-	-	
G3010 Water Supply	Domestic	100%	x None	Minor	Moderate	Major	x Replace	100%	\$362,412	I	Reached end of life
	Fire		o None	Minor	Moderate	Major	Replace		\$0		Required
											The sanitary sewer systems is original ins
											and has deteriorated over time and is in r
G3020 Sanitary Sewe		100%	x None	Minor	Moderate	Major	x Replace	100%	\$362,412	- I	being replaced.
			<u>+</u>						+ + + + + + + + + + + + + + + + + + + +		The storm sewer system is original install
											and has deteriorated over time and is in r
G3030 Storm Sewer		100%	x None	Minor	Moderate	Major	x Replace	100%	\$906,030		being replaced.
	ution	10070	o None	Minor	Moderate	Major	Replace	10070	\$500,030		
G3040 Heating Distrib		L									
G3050 Cooling Distrib		L	o None	Minor	Moderate	Major	Replace		\$0		Lines to write an applying data in the
G3060 Fuel Distributio		100%	x None	Minor	Moderate	Major	x Replace	100%	\$362,412		Lines to units on roof are deteriorating
G3090 Other Site Me	NOT USED		None	Minor	Moderate	Major	Replace				
G40 Site Electrical Utilities			<b>T</b> 1		_	_	_		1		1
G4010 Electrical Distr		100%	x None	Minor	Moderate	Major	x Replace	100%	\$1,087,236	1	Insufficient service for additional load of
	Generator		o None	Minor	Moderate	Major	Replace		\$0		
G4020 Site Lighting		100%	x None	Minor	Moderate	Major	x Replace	100%	\$1,087,236	1	Very minimal lighting, safety/security cor
			17								
G4030 Site Communio	ations & Security	100%	o None	Minor	Moderate	Major	x Replace	100%	\$724,824	1	Insufficient service for additional load of c
	NOT USED		None	Minor	Moderate	Major	Replace				
G4090 Other Site Elec	NOT USED					-					
G4090 Other Site Elec					Unit of		Unit			1	
					Measure	Quantit			Extended		Notes
G90 Other Site Construction						quantit	, buuget		Enternacia		Notes
G90 Other Site Construction           Description of System	ijens				Weasure				ćn		
G90 Other Site Construction           Description of System           No lit emergency exit					Wiedsure		_	_	\$0 \$0		
G90 Other Site Construction           Description of System								-	\$0	0	
G90 Other Site Construction           Description of System           No lit emergency exit									\$0 \$0		
G90 Other Site Construction           Description of System           No lit emergency exit									\$0	) )	

		\$0	
		\$0	

Physical Condition Budget Sub-Total	\$53,976,344
Budgeted Development Costs	\$20,511,011
Physical Condition Budget TOTAL	\$74,487,355
Replacement Budget	\$76,436,479

Facility Condition Index (FCI) 97.5%

District Name Site Name: Building Nam Building ID:	New Murray Middle	School		A	n unused c	ell or systen	n that s	ATION ON 's should not re Il from user i	eceive direct	user in	put		RING DATA ON THIS SHE	ET	
							LEVE	L OF ACTIO	N			1			
	el 2 Level 3	Type (as applicable)	% of Building or Number		None	Minor		Moderate	Majo	or	Replace	% of System or Finish	Automated Budget Estimate	Necessity Rank (I, S, L)	Notes
A SUBSTRU															
<u>A10</u>	Foundations A1010 Standard Fou	ndations		o N	one	Minor		Moderate	Major		Replace		\$0		
	A1020 Special Found			0 N		Minor		Moderate	Major		Replace		\$0		1
	A1030 Slab on Grade		100%	X N	one	Minor		Moderate	Major		Replace		\$0		
<u>200</u>	East Drummond Avenue				_	_				_	-				-
	A2010 Basement Exc				one	Minor		Moderate	Major		Replace				
	A2020 Basement Wa	lls		o N	one	Minor		Moderate	Major		Replace		\$0		
SHELL	Superstructure														
BIU	Superstructure B1010 Floor Constru-	Wood		o N	one	Minor		Moderate	Major		Replace		\$0		T
		Steel			one	Minor		Moderate	Major		Replace		\$0		
		Concrete	100%	X N		Minor		Moderate	Major		Replace		\$0		
	B1020 Roof Construc	Wood	100%	X N		Minor		Moderate	Major		Replace		\$0		
		Steel		o N	one	Minor		Moderate	Major		Replace		\$0		
		Concrete		o No	one	Minor		Moderate	Major		Replace		\$0		
<u>B20</u>	Exterior Enclosure			<u> </u>			_	1	<b>—</b>						1
	B2010 Exterior Walls	Concrete Formed / Tilt	L	o N		Minor		Moderate	Major		Replace		\$0		
		Masonry Framed w/Papel Siding	100%	o No X No	one	Minor Minor		Moderate Moderate	Major Major		Replace		\$0 \$0		
		Framed w/Panel Siding Framed w/Stucco	100%			Minor	-	Moderate	Major		Replace Replace		\$0		
		Framed w/Masonry Veneer		0 N		Minor		Moderate	Major		Replace		\$0 \$0		
	B2020 Exterior Wind			o No		Minor		Moderate	Major		Replace		\$0		
								1			1				Sporadic sections of the campus have water
															intrusion from the window systems. Check and
		Aluminum/Steel	100%	x N		Minor	х	Moderate	Major		Replace	2%	\$60,075		reseal throughout.
		Clad	L	O N		Minor		Moderate	Major		Replace		\$0		
	B2030 Exterior Doors	Curtain Wall		0 N	one	Minor Minor		Moderate Moderate	Major Major		Replace Replace		\$0 \$0		
				<u> </u>	one			moderate	indjor		neplace				Minor: doorstop broken rm 1, Electrical 3 needs doorstop because door slams into fire riser 3. Doors, especially along exterior sides should ha threshold seal to block sand blowing in. IDF 1 ha
		Hollow Metal	75		one	Minor		Moderate	x Major		Replace	10%	\$46,458		a lot of sand blowing in.
		Storefront		o N	one	Minor		Moderate	Major		Replace		\$0		
<u>B30</u>	Roofing B3010 Roof Covering	Acobalt Shingle		o N		Minor		Moderate	Major		Replace		\$0		1
	booto noor covering	Built-Up	100%	X N		Minor		Moderate	Major		Replace		\$0		
		Single Ply	100/0		one	Minor		Moderate	Major		Replace		\$0		
		Metal			one	Minor		Moderate	Major		Replace		\$0		
		Concrete Tile		o N	one	Minor		Moderate	Major		Replace		\$0		
	B3020 Roof Opening	Skylights		o N	one	Minor		Moderate	Major		Replace		\$0		
		Access Hatch	6	x N	one	Minor		Moderate	Major		Replace		\$0		
INTERIOR															
<u>c10</u>	Interior Construction C1010 Partitions	Framed	100%	X N	one	Minor		Moderate	Major		Replace		\$0		ſ
	CTOTO P di LILIONS	Masonry	100%			Minor		Moderate	Major		Replace		\$0 \$0		+
	C1020 Interior Doors					Minor		Moderate	Major		Replace		\$0		<u> </u>
		Hollow Metal	70	X N		Minor		Moderate	Major		Replace		\$0		1
100	C1030 Fittings	NOT USED			one	Minor		Moderate	Major		Replace				• •
<u>C20</u>	Stairs						_	- '		_	_				
	C2010 Stair Construc			o N		Minor		Moderate	Major		Replace		\$0		
		Metal		o No	one	Minor		Moderate	Major		Replace		\$0		

	Concrete		o None		Moderate	Major	Replace		\$0		
	C2020 Stair Finishes Concrete Fill		o None	Minor	Moderate	Major	Replace		\$0		
	Resilient		o None	Minor	Moderate	Major	Replace		\$0		
C30 Inte	erior Finishes	-		_						-	-
	C3010 Wall Finishes Paint on Masonry		o None	Minor	Moderate	Major	Replace		\$0		
	Wallboard	100%	x None	Minor	Moderate	Major	Replace		\$0		
	Wainscot		o None	Minor	Moderate	Major	Replace		\$0		
	Ceramic Tile		o None	Minor	Moderate	Major	Replace		\$0		
	C3020 Floor Finishes Carpet / Soft Surface	70%	x None	Minor	Moderate	Major	Replace		\$0	1	
	Resilient Tile		o None	Minor	Moderate		Replace		\$0		
	Resilient Sheet		o None	Minor	Moderate		Replace		\$0		
	Polished Concrete	15%	x None		Moderate		Replace		\$0		
	Ceramic Tile	15%	x None	Minor	Moderate	-	Replace		\$0		
	Liquid Applied		o None		Moderate	Major	Replace		\$0		
	Wood Sports Floor		o None		Moderate		Replace		\$0		
	C3030 Ceiling Finishe Wallboard	100%	x None		Moderate	-	Replace		\$0		
	Lay-In Ceiling Tile		o None		Moderate		Replace		\$0		
	Glued-Up Ceiling Tile		o None		Moderate		Replace		\$0		
	Painted Structure		o None	Minor	Moderate		Replace		\$0		
SERVICES	i diffeed structure		0 None		Moderate	iviajoi	Incplace		ŲŲ	<u> </u>	
D10 Cor	overving										
010 001	D1010 Elevators & Lifts		o None	Minor	Moderate	Major	Replace		\$0		Ī
	D1020 Escalators & Moving Walks		o None	Minor	Moderate		Replace		\$0		
	D1020 Escalators & Moving Walks D1090 Other Conveying Systems		o None		Moderate	-	Replace		\$0		
D20 Dhu			0 NOTE	WIIIIOI	wouerate	iviajoi	Replace		ŞU	<u> </u>	
D20 Plui	-	100%		Minor	Madarata	Major	Damlaga		\$0		
	D2010 Plumbing Fixtures D2020 Domestic Water Distribution	100%	x None x None	Minor Minor	Moderate Moderate	Major Major	Replace Replace		\$0		
	D2030 Sanitary Waste	100%	x None	Minor	Moderate	-	Replace		\$0		
	D2040 Rain Water Drainage	100%	o None			-			\$0		
	_				Moderate	-	Replace		ŞU		
D30 HV	D2090 Other Plumbir NOT USED		None	Minor	Moderate	Major	Replace				
								-			
030 1107		100%	None	Minor	Madarata	Major	Danlass		ć0		
030 117	D3010 Energy Supply	100%	x None		Moderate	-	Replace		\$0		
030 117		100% 100%	x None x None		Moderate Moderate	Major Major	Replace Replace		\$0 \$0		PTU unit couring Poom 12 is sattling (vibration)
<u>030 HW</u>	D3010 Energy Supply					-					RTU unit serving Room 12 is rattling (vibrating),
<u>550 HV</u>	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater)	100%	x None	Minor	Moderate	Major	Replace		\$0		unit is not properly balanced and/or component
230 117	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs)		x None X None	Minor Minor	Moderate Moderate	Major Major	Replace Replace		\$0 \$0		
230 114	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace	100%	x None X None o None	Minor Minor Minor	Moderate Moderate Moderate	Major Major Major	Replace Replace Replace		\$0 \$0 \$0		unit is not properly balanced and/or component
<u>55 TW</u>	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger	100%	x None X None o None o None	Minor Minor Minor Minor	Moderate Moderate Moderate Moderate	Major Major Major Major	Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
<u>55 TW</u>	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Genei Component of air handler (RTUs	100%	X None X None O None O None X None	Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major	Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
55 10	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTU: Stand alone chiller	100%	X None O None O None X None O None	Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
55 10	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTU: Stand alone chiller D3040 Distribution S <sup>,</sup> Ductwork	100%	X None O None O None X None X None X None	Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
<u> 230 AV</u>	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTUs Stand alone chiller D3040 Distribution 5 <sup>-</sup> Ductwork Hot water return & supply	100%	X None O None O None X None O None X None O None	Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
<u> 230 M</u>	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Genet Component of air handler (RTUs Stand alone chiller D3040 Distribution S: Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit	100%	X None O None O None X None O None X None O None O None O None	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTU: Stand alone chiller D3040 Distribution S <sup>1</sup> Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room ventilator unit	100%	X None X None 0 None 0 None X None 0 None 0 None 0 None 0 None 0 None 0 None	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
220111	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTU: Stand alone chiller D3040 Distribution S: Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room ventilator unit In-room radiant unit	100% 100% 100% 100%	X None O None O None O None X None O None O None O None O None O None	Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
230111	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTUs Stand alone chiller D3040 Distribution S <sup>-</sup> Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room rentilator unit In-room radiant unit D3060 Controls & Instrumentation	100% 100% 100% 100%	X None X None O None O None X None O None O None O None O None X None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTUs Stand alone chiller D3040 Distribution 5 <sup>°</sup> Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room ventilator unit In-room radiant unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing	100% 100% 100% 100%	X None O None O None V None O None X None O None O None O None O None O None X None O None X None None X None None X None None X None None X None None None X None None None None X None None None None X None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTUs Stand alone chiller D3040 Distribution S: Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room ventilator unit In-room ventilator unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing D3090 Other HVAC S NOT USED	100% 100% 100% 100%	X None X None O None O None X None O None O None O None O None X None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTUs Stand alone chiller D3040 Distribution S: Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room ventilator unit In-room ventilator unit In-room radiant unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing D3090 Other HVAC S NOT USED Protection	100% 100% 100% 100% 100%	X None O None O None O None X None O None O None O None X None X None X None X None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTUs Stand alone chiller D3040 Distribution S <sup>1</sup> Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room ventilator unit In-room ventilator unit In-room radiant unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing D3090 Other HVAC S NOT USED Protection D4010 Sprinklers	100% 100% 100% 100% 100% 100%	x         None           x         None           o         None           o         None           x         None           o         None           x         None           x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Genei Component of air handler (RTUs Stand alone chiller D3040 Distribution S <sup>1</sup> Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room retilator unit In-room retilator unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing D3090 Other HVAC S NOT USED Protection D4010 Sprinklers D4020 Standpipes	100% 100% 100% 100% 100% 100% 100%	x         None           x         None           o         None           x         None           x         None           x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTUs Stand alone chiller D3040 Distribution S Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room ventilator unit In-room radiant unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing D3090 Other HVAC S NOT USED Protection D4010 Sprinklers D4020 Standpipes D4030 Fire Protection Specialties	100% 100% 100% 100% 100% 100%	x         None           x         None           o         None           o         None           x         None           o         None           x         None           x         None           x         None           x         None           x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
D40 Fire	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTUs Stand alone chiller D3040 Distribution S: Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room ventilator unit In-room ventilator unit In-room ventilator unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing D3090 Other HVAC S NOT USED Protection D4010 Sprinklers D4030 Fire Protection Specialties D4090 Other Fire Prc NOT USED	100% 100% 100% 100% 100% 100% 100%	x         None           x         None           o         None           x         None           x         None           x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTUs Stand alone chiller D3040 Distribution S: Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room ventilator unit In-room ventilator unit In-room ventilator unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing D3090 Other HVAC S NOT USED Protection D4010 Sprinklers D4030 Fire Protection Specialties D4090 Other Fire Prc NOT USED	100% 100% 100% 100% 100% 100% 100%	x         None           x         None           o         None           o         None           x         None           o         None           x         None           x         None           x         None           x         None           x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
D40 Fire	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTUs Stand alone chiller D3040 Distribution S: Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room ventilator unit In-room ventilator unit In-room ventilator unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing D3090 Other HVAC S NOT USED Protection D4010 Sprinklers D4030 Fire Protection Specialties D4090 Other Fire Prc NOT USED	100% 100% 100% 100% 100% 100% 100%	x         None           x         None           o         None           o         None           x         None           o         None           x         None           x         None           x         None           x         None           x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
D40 Fire	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTU: Stand alone chiller D3040 Distribution S <sup>1</sup> Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room radiator unit In-room radiator unit In-room radiator unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing D3090 Other HVAC S NOT USED Protection D4010 Sprinklers D4020 Standpipes D4030 Fire Protection Specialties D4030 Other Fire Pro NOT USED Ctrical	100% 100% 100% 100% 100% 100% 100% 100%	x     None       x     None       o     None       o     None       x     None       o     None       o     None       o     None       o     None       o     None       o     None       x     None       x     None       x     None       x     None       x     None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
D40 Fire	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTUs Stand alone chiller D3040 Distribution S <sup>1</sup> Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room ventilator unit In-room ventilator unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing D3090 Other HVAC S NOT USED Protection D4010 Sprinklers D4030 Fire Protection Specialties D4030 Fire Prote NOT USED D4090 Other Fire Pro NOT USED Chical D5010 Electrical Service & Distribution	100% 100% 100% 100% 100% 100% 100% 100%	x     None       x     None       o     None       o     None       x     None       o     None       o     None       o     None       o     None       o     None       x     None       x     None       x     None       x     None       x     None       x     None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
D40 Fire	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Genei Component of air handler (RTUs Stand alone chiller D3040 Distribution S <sup>1</sup> Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room radiant unit D3050 Terminal & Pa Above ceiling VAV unit In-room radiant unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing D3090 Other HVAC S NOT USED P4010 Sprinklers D4020 Standpipes D4030 Fire Protection Specialties D4030 Other Fire Pro NOT USED Ctrical D5010 Electrical Service & Distribution D5020 Lighting and Branch Wiring	100% 100% 100% 100% 100% 100% 100% 100% 100% 100%	x         None           x         None           o         None           o         None           x         None           o         None           o         None           o         None           o         None           o         None           x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
D40 Fire	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTUs Stand alone chiller D3040 Distribution 5 Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room ventilator unit In-room ventilator unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing D3090 Other HVAC S NOT USED Protection D4010 Sprinklers D4020 Standpipes D4030 Fire Protection Specialties D4030 Other Fire Pro NOT USED ctrical D5010 Electrical Service & Distribution D5020 Lighting and Branch Wiring D5030 Communicatic Voice / Data System	100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100%	x         None           x         None           o         None           o         None           x         None           x         None           o         None           x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate	Major Major	Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
D40 Fire	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTUs Stand alone chiller D3040 Distribution S <sup>-</sup> Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room ventilator unit In-room ventilator unit In-room ventilator unit In-room ventilator unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing D3090 Other HVAC S NOT USED 2 Protection D4010 Sprinklers D4020 Standpipes D4030 Fire Protection Specialties D4090 Other Fire Pro NOT USED Ctrical D5010 Electrical Service & Distribution D5020 Lighting and Branch Wiring D5030 Communicatik Voice / Data System Clock / Intercom System	100% 100% 100% 100% 100% 100% 100% 100%	x         None           x         None           o         None           o         None           x         None           o         None           x         None           o         None           o         None           o         None           o         None           x         None	Minor Minor	Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component
D40 Fire	D3010 Energy Supply D3020 Heat Generat Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger D3030 Cooling Gener Component of air handler (RTU: Stand alone chiller D3040 Distribution S <sup>1</sup> Ductwork Hot water return & supply D3050 Terminal & Pa Above ceiling VAV unit In-room rentilator unit In-room rentilator unit In-room rentilator unit D3060 Controls & Instrumentation D3070 Systems Testing & Balancing D3090 Other HVAC S NOT USED Protection D4010 Sprinklers D4020 Standpipes D4030 Fire Protection Specialties D4030 Other Fire Pro NOT USED Ctrical D5010 Electrical Service & Distribution D5020 Lighting and Branch Wiring D5030 Communicatic Voice / Data System Clock / Intercom System	100% 100% 100% 100% 100% 100% 100% 100%	x         None           x         None           o         None           x         None	Minor Minor	Moderate Moderate	Major Major	Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		unit is not properly balanced and/or component

Fire Alarm / Detection Lighting Control System D5090 Other Electric NOT USED	100% x None	Minor Moderate	Major Replace Major Replace Major Replace	\$0 \$0	Fire smoke detector failed in server area in the Cafeteria. Fire Department trucks (3) arrive on site during assessment. Fire alarm indicating nuisance alarms and is affecting the security system for the campus. Fire alarm and Security annunciation panels are located in the main office. Repaird March 2022
E EQUIPMENT & FURNISHINGS					
E10 Equipment E1010 Commercial Et Food Service Vocational E1020 Institutional Et Science Art Stage Performance Restroom Accessories/Stalls E1030 Vehicular Equi NOT USED E1090 Other Equipm NOT USED	100%         x         None           10000         x         None           1500         x         None           500         x         None           100%         x         None           None         None         None	Minor Moderate Minor Moderate Minor Moderate Minor Moderate Minor Moderate Minor Moderate	Major Replace Major Replace Major Replace Major Replace Major Replace Major Replace Major Replace	\$0           \$0           \$0           \$0           \$0           \$0           \$0           \$0           \$0           \$0           \$0           \$0           \$0	
E20 Furnishings E2010 Fixed Furnishings E2020 Movable Furnishings F SPECIAL CONSTRUCTION & DEMOLITION - NOT USED			Major Replace Major Replace	\$0 \$0	
G BUILDING SITE WORK G10 Site Preparation NOT USED G20 Site Improvements					
G2010 Roadways	20000 x None x	Minor Moderate	Major Replace	5% \$10,203	Minor cracking and splitting found throughout.
G2020 Parking Lots G2030 Pedestrian Paving G2040 Site Development G2050 Landscaping	1000000 x None 5655 x None	Minor Moderate Minor Moderate	Major Replace Major Replace Major Replace Major Replace	5% \$196,763 \$0 \$0 \$0 \$0	Minor cracking and splitting found throughout.
G30 Site Mechanical Utilities	400%	Ninen Distante			-
G3010 Water Supply Domestic Fire G3020 Sanitary Sewer G3030 Storm Sewer G3040 Heating Distribution G3050 Cooling Distribution G3050 Fuel Distribution G3090 Other Site Me NOT USED	100%         x         None           100%         x         None           100%         x         None           0         None         0           0         None         100%           100%         x         None	Minor Moderate Minor Moderate Minor Moderate Minor Moderate Minor Moderate Minor Moderate	Major Replace Major Replace Major Replace Major Replace Major Replace Major Replace Major Replace Major Replace	\$0           \$0           \$0           \$0           \$0           \$0           \$0           \$0           \$0           \$0           \$0           \$0	
G40 Site Electrical Utilities G4010 Electrical Disti Service Generator G4020 Site Lighting G4030 Site Communications & Security	o         None           100%         x         None	Minor Moderate Minor Moderate	Major Replace Major Replace Major Replace Major Replace	\$0 \$0 \$0 \$0 \$0	
G4090 Other Site Ele NOT USED G90 Other Site Construction NOT USED	None	Minor Moderate	Major Replace		
OTHER		Unit of	Unit		
Description of System		Measure	Quantity Budget	Extended	Notes
Umbrella shade structure are unstable during high w winds. Potential hazard for staff and students.	winds. Umbrella shades torque during	high		\$0	Fixed - March 2022
No lightning protection system installed for the cam lightning strikes.	pus. Potential equipment damage up	on		\$0 \$0	
				\$0	

I I	[			\$0	
[ [	[			\$0	
				\$0	

Physical Condition Budget Sub-Total	\$313,498
Budgeted Development Costs	\$119,129
Physical Condition Budget TOTAL	\$432,627

Replacement Budget\$113,317,224Facility Condition Index (FCI)0.4%

District Name:	Sierra Sands Unified School District
Site Name:	Burroughs High School - Stadium
Building Name:	(
Building ID:	(

REMINDER: FILL OUT ALL INFORMATION ON '<u>BASE INFORMATION SHEET</u>' BEFORE ENTERING DATA ON THIS SHEET
An unused cell or system that should not receive direct user input

An automatically populated cell from user input elsewhere in the file - do not overwrite

							LEVEL OF ACTION	1						
											% of			
				% of Building							System or	Automated Budget	Necessity Rank	
	Level 2		Type (as applicable)	or Number	None	Minor	Moderate	Majo	or	Replace	Finish	Estimate	(I, S, L)	Notes
A SUBS	A10 Four													
	AIDTOU	A1010 Standard Foundations			None	Minor	Moderate	Major		Replace		\$0		
		A1010 Standard Foundations		- · · ·	None		Wioderate	Iviajoi		neplace		çõ		
				1 1										The home bleachers' foundation is a structural
				1 1										concern. Confirmed - settlement is obvious across
				1 1										several sections of the foundation under the
		A1020 Special Foundations		40% x	None	Minor	Moderate	x Major		Replace	100%	\$351,698	1	home bleacher system (March 2022).
					1									Assumed SOG for the restrooms and concession
		A1030 Slab on Grade		60% x	None	Minor	Moderate	Major		Replace		\$0		stands
		ment Construction			_	_	_		_	-				
			NOT USED		None	Minor	Moderate	Major		Replace				
		A2020 Basement Walls		0	None	Minor	Moderate	Major		Replace		\$0		
B SHEL														
	<u>B10 Supe</u>	rstructure		· · · · ·	7					1				Pressbox is very damaged and exposed to outside
		B1010 Floor Construction	Wood	5% x	None	Minor	Moderate	Major	x	Replace	100%	\$31,402	1	elements.
			Steel		None	Minor	Moderate	Major	Ĥ	Replace	10070	\$0		
														Cracking and damage to restrooms and
				1										concession stands that appear abandoned, newer
			Concrete	95% x	None	Minor	x Moderate	Major		Replace	50%	\$298,315	S	space is ok.
					7									
				1										Pressbox is very damaged and exposed to outside
			14/l	4000/	News		h da sharada			0	4.000	650.242		elements as well as some damage to other small structures assumed for sports storage/closets.
		B1020 Roof Construction	Wood Steel		None None	Minor Minor	Moderate Moderate	Major Major	x	Replace Replace	10%	\$50,243 \$0	1	structures assumed for sports storage/closets.
			Concrete		None	Minor	Moderate	Major		Replace		\$0		
	B20 Exte	rior Enclosure	concrete	ļ ,	None		Woderate	Iviajoi		Replace		Şõ		
	<u>DEO ERIC</u>		Concrete Formed / Tilt	0	None	Minor	Moderate	Major		Replace		\$0		
			Masonry		None	Minor	Moderate	Major		Replace		\$0		
			-		1									
														Pressbox is very damaged and exposed to outside
				1										elements as well as some damage to other small
			Framed w/Panel Siding			Minor	Moderate	Major	×		100%	\$150,728	1	structures assumed for sports storage/closets.
			Framed w/Stucco		None	Minor	Moderate	Major		Replace		\$0		
			Framed w/Masonry Veneer Wood		None None	Minor Minor	Moderate Moderate	Major		Replace		\$0 \$0		No observed windows
			Aluminum/Steel		None	Minor	Moderate	Major Major		Replace Replace		\$0		NO OBSETVED WINDOWS
			Clad		None	Minor	Moderate	Major	_	Replace		\$0		
			Curtain Wall		None	Minor	Moderate	Major		Replace		\$0		
					-									Restrooms that appear abandoned have very
		B2030 Exterior Doors	Wood	3 x	None	Minor	Moderate	Major	х	Replace	33%	\$8,290	I.	poor damaged openings.
			Hollow Metal	7 x	None	Minor	Moderate	Major		Replace		\$0		Minor wear occuring
			Storefront	0	None	Minor	Moderate	Major		Replace		\$0		
	B30 Roof				-	_		_	_					
		B3010 Roof Coverings	Asphalt Shingle		None	x Minor	Moderate	Major		Replace		\$0	S	Tiles lifting and damaged.
			Built-Up	0	None	Minor	Moderate	Major		Replace		\$0		<u> </u>

		Single Ply	70% x None	x Minor	Moderate Major	Replace	50%	\$18,464	S	Assumed rooftop type, unable to observe, newer area is ok rest is aging. Replace press box area (only about 5% of total area.)
		Metal	o None	Minor	Moderate Major	Replace		\$0		
		Concrete Tile	o None	Minor	Moderate Major	Replace		\$0		
	B3020 Roof Openings	Skylights	o None	Minor	Moderate Major	Replace		\$0		
		Access Hatch	9 x None	Minor	Moderate Major	x Replace	100%	\$1,005	1	Pressbox hatch very damaged, chained down but still opened because it cannot latch. 9 sf
C INTERIOR	S		·					·		
<u>C10</u>	Interior Construction									
	C1010 Partitions	Framed	o None	Minor	Moderate Major	Replace		\$0		
		Masonry	o None	Minor	Moderate Major	Replace		\$0		
	C1020 Interior Doors	Wood	1 x None	Minor	Moderate Major	Replace		\$0		
		Hollow Metal	o None	Minor	Moderate Major	Replace		\$0		
	C1030 Fittings	NOT USED	None	Minor	Moderate Major	Replace				
<u>C20</u>	<u>Stairs</u>								_	
	C2010 Stair Construction	Wood	o None	Minor	Moderate Major	Replace		\$0		
										About 10,000 sf of bleachers seating and
										stairways between, according to District, the gaps
		Metal	16 x None	Minor	Moderate Major	x Replace	100%	\$3,572,800	1	of the bleachers are too wide and not ADA.
		Concrete	o None	Minor	Moderate Major	Replace		\$0		
	C2020 Stair Finishes	Concrete Fill	o None	Minor	Moderate Major	Replace		\$0		
		Resilient	o None	Minor	Moderate Major	Replace		\$0		
<u>C30</u>	Interior Finishes								-	
	C3010 Wall Finishes	Paint on Masonry	95% x None	Minor	Moderate Major	x Replace	50%	\$23,865	I	Abandoned restroom areas very damaged.
		Wallboard	5% x None	Minor	Moderate Major	x Replace	100%	\$7,536	1	Pressbox walls very damaged.
		Wainscot	o None	Minor	Moderate Major	Replace		\$0		
		Ceramic Tile	o None	Minor	Moderate Major	Replace		\$0	1	
	C3020 Floor Finishes	Carpet / Soft Surface	5% x None	Minor	Moderate Major	x Replace	100%	\$7,348		Pressbox floor very damaged.
		Resilient Tile	o None	Minor	Moderate Major	Replace		\$0		
		Resilient Sheet	o None	Minor	Moderate Major	Replace		\$0		
								· · ·		Some damage most spaces except newer
		Polished Concrete	95% x None	x Minor	Moderate Major	Replace	50%	\$29,831	S	concession and restroom area.
		Ceramic Tile	o None	Minor	Moderate Major	Replace		\$0		
		Liquid Applied	o None	Minor	Moderate Major	Replace		\$0		
		Wood Sports Floor	o None	Minor	Moderate Major	Replace		\$0		
		·						· · ·		Ceilings within observed interior spaces are
										damaged especially pressbox. Worn paint and
										damage observed within abandoned concession
	C3030 Ceiling Finishes	Wallboard	100% x None	Minor	Moderate Major	x Replace	75%	\$160,148	S	space.
		Lay-In Ceiling Tile	o None	Minor	Moderate Major	Replace		\$0	1	
		Glued-Up Ceiling Tile	o None	Minor	Moderate Major	Replace		\$0		
		Painted Structure	o None	Minor	Moderate Major	Replace		\$0	1	
D SERVICES										
D10	Conveying									
	D1010 Elevators & Lifts		o None	Minor	Moderate Major	Replace		\$0		
	D1020 Escalators & Moving Walks		o None	Minor	Moderate Major	Replace		\$0		
	D1090 Other Conveying Systems		o None	Minor	Moderate Major	Replace		\$0		
D20	Plumbing		·							
										Abandoned restrooms and old concession
	D2010 Plumbing Fixtures		100% x None	Minor	Moderate Major	x Replace	100%	\$175,849	S	building
									1	Abandoned restrooms and old concession
	D2020 Domestic Water Distribution		100% x None	Minor	Moderate Major	x Replace	100%	\$75,364	S	building
				H		H				Abandoned restrooms and old concession
	D2030 Sanitary Waste		100% x None	Minor	Moderate Major	x Replace	100%	\$75,364	S	building
			·	<u> </u>						•

Page 2 of 4

D30 HVAC D30 D30 D30 D30 D30 D30 D30 D30 D40 Fire Prote D40 D40 D40 D40 D40 D40 D40 D40 D40 D40	2090 Other Plumbing Systems 2010 Energy Supply 2020 Heat Generating Systems 2030 Cooling Generating Systems 2040 Distribution Systems 2050 Terminal & Package Units 2060 Controls & Instrumentation 2070 Systems Testing & Balancing 2090 Other HVAC Systems & Equipment 2020 Sprinklers	NOT USED Boiler Air Handler Furnace Heat Exchanger Component of air handler Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit In-room radiant unit	o     None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		
D30 D30 D30 D30 D30 D30 D30 D30 D30 D30	1020 Heat Generating Systems 1030 Cooling Generating Systems 1040 Distribution Systems 1050 Terminal & Package Units 1060 Controls & Instrumentation 1070 Systems Testing & Balancing 1090 Other HVAC Systems & Equipment 1050 Other HVAC Systems & Equipment	Air Handler Furnace Heat Exchanger Component of air handler Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit In-room radiant unit	o         None           o         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$		
D30 D30 D30 D30 D30 D30 D30 D30 D30 D30	1020 Heat Generating Systems 1030 Cooling Generating Systems 1040 Distribution Systems 1050 Terminal & Package Units 1060 Controls & Instrumentation 1070 Systems Testing & Balancing 1090 Other HVAC Systems & Equipment 1050 Other HVAC Systems & Equipment	Air Handler Furnace Heat Exchanger Component of air handler Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit In-room radiant unit	o         None           o         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$		
D30 D30 D30 D30 D30 D30 D30 D30 D30 D30	1020 Heat Generating Systems 1030 Cooling Generating Systems 1040 Distribution Systems 1050 Terminal & Package Units 1060 Controls & Instrumentation 1070 Systems Testing & Balancing 1090 Other HVAC Systems & Equipment 1050 Other HVAC Systems & Equipment	Air Handler Furnace Heat Exchanger Component of air handler Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit In-room radiant unit	o         None           o         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$		
D30 D30 D30 D30 D30 D30 D30 D30 D30 D30	3030 Cooling Generating Systems 3040 Distribution Systems 3050 Terminal & Package Units 3060 Controls & Instrumentation 3070 Systems Testing & Balancing 3090 Other HVAC Systems & Equipment 3050 Other HVAC Systems & Equipment	Air Handler Furnace Heat Exchanger Component of air handler Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit In-room radiant unit	0         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$		
D30 D30 D30 D30 D30 D30 D30 D30 D30 D30	0040 Distribution Systems 0050 Terminal & Package Units 0060 Controls & Instrumentation 0070 Systems Testing & Balancing 0090 Other HVAC Systems & Equipment <u>stection</u>	Furnace Heat Exchanger Component of air handler Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit In-room radiant unit	0         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$		
D30 D30 D30 D30 D30 D30 D30 D30 D30 D30	0040 Distribution Systems 0050 Terminal & Package Units 0060 Controls & Instrumentation 0070 Systems Testing & Balancing 0090 Other HVAC Systems & Equipment <u>stection</u>	Heat Exchanger Component of air handler Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit In-room radiant unit	o         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		
D30 D30 D30 D30 D30 D30 D30 D30 D30 D30	0040 Distribution Systems 0050 Terminal & Package Units 0060 Controls & Instrumentation 0070 Systems Testing & Balancing 0090 Other HVAC Systems & Equipment <u>stection</u>	Component of air handler Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit In-room radiant unit	0         None	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		
D30 D30 D30 D30 D30 D30 D30 D30 D30 D30	0040 Distribution Systems 0050 Terminal & Package Units 0060 Controls & Instrumentation 0070 Systems Testing & Balancing 0090 Other HVAC Systems & Equipment <u>stection</u>	Stand alone chiller Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit In-room radiant unit	o         None	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		
D30 D30 D30 D30 D40 Fire Prote D40 D40 D40 D40 D40 D40 D40 D40 D40	0050 Terminal & Package Units 0060 Controls & Instrumentation 1070 Systems Testing & Balancing 1090 Other HVAC Systems & Equipment <u>tection</u>	Ductwork Hot water return & supply Above ceiling VAV unit In-room ventilator unit In-room radiant unit	0         None	Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		
D30 D30 D30 D30 D40 Fire Prote D40 D40 D40 D40 D40 D40 D40 D40 D40	0050 Terminal & Package Units 0060 Controls & Instrumentation 1070 Systems Testing & Balancing 1090 Other HVAC Systems & Equipment <u>tection</u>	Hot water return & supply Above ceiling VAV unit In-room ventilator unit In-room radiant unit	o         None	Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major	Replace Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0 \$0		
D30 D30 D30 D40 Fire Prote D40 D40 D40 D40 D40 D40	0060 Controls & Instrumentation 070 Systems Testing & Balancing 090 Other HVAC Systems & Equipment stection	Above ceiling VAV unit In-room ventilator unit In-room radiant unit	0         None           0         None           0         None           0         None           0         None           0         None	Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major	Replace Replace Replace Replace Replace Replace		\$0 \$0 \$0 \$0 \$0		
D30 D30 D30 D40 Fire Prote D40 D40 D40 D40 D40 D40	0060 Controls & Instrumentation 070 Systems Testing & Balancing 090 Other HVAC Systems & Equipment stection	In-room ventilator unit In-room radiant unit	o None o None o None o None	Minor Minor Minor Minor	Moderate Moderate Moderate Moderate	Major Major Major Major	Replace Replace Replace Replace		\$0 \$0 \$0		
D30 D30 D40 Fire Prot D40 D40 D40 D40 D40 D40	1070 Systems Testing & Balancing 1090 Other HVAC Systems & Equipment <u>stection</u>	In-room radiant unit	o None o None o None	Minor Minor Minor	Moderate Moderate Moderate	Major Major Major	Replace Replace Replace		\$0 \$0		
D30 D30 D40 Fire Prot D40 D40 D40 D40 D40 D40	1070 Systems Testing & Balancing 1090 Other HVAC Systems & Equipment <u>stection</u>		o None o None	Minor Minor	Moderate Moderate	Major Major	Replace Replace		\$0		-
D30 D30 D40 Fire Prot D40 D40 D40 D40 D40 D40	1070 Systems Testing & Balancing 1090 Other HVAC Systems & Equipment <u>stection</u>	NOT USED	o None	Minor	Moderate	Major	Replace				
D30 D40 Fire Prot D40 D40 D40 D40 D40 D40	8090 Other HVAC Systems & Equipment stection	NOT USED				Major	Replace		\$0		
D30 D40 Fire Prot D40 D40 D40 D40 D40 D40	8090 Other HVAC Systems & Equipment stection	NOT USED									
<u>D40 Fire Prote</u> D40 D40 D40 D40	tection	NOTOLD				Major	Replace				
D40 D40 D40											<u> </u>
D40 D40	1010 Sprinklers										Irrigation nume door not have a VED to regulate
D40 D40	1010 Sprinklers										Irrigation pump does not have a VFD to regulate the flow of the water to the sports fields.
D40 D40	010 Sprinklers										
D40 D40	1010 Sprinklers										Potential of burning out the irrigation pump
D40			100% x None	Minor	Moderate		x Replace	100%	\$94,205	I	motor.
	1020 Standpipes		o None	Minor	Moderate	-	Replace		\$0		
D40	1030 Fire Protection Specialties		100% x None	Minor	Moderate	Major	Replace		\$0		
	1090 Other Fire Protection Systems	NOT USED	None	Minor	Moderate	Major	Replace				
D50 Electrical	al									-	
DEC	i010 Electrical Service & Distribution		100% x None	Minor	Moderate	Major	x Replace	15%	\$30,146		At the new concession building, the electrical service installed outdoors is not NEMA 3R rated equipment. The equipment is not secured and there will be a potential for severe injury if it is not replaced with the correctly rated equipment
050	oto Electrical service & Distribution		100% X None	MINOR	Moderate	IVIAJOr	x Replace	15%	\$30,140	1	Lighitng inverter system is in good working condition. It is located in the stadium field
									**		storage building.
	5020 Lighting and Branch Wiring		100% x None	Minor	Moderate	·	Replace		\$0		storage building.
D50	6030 Communications & Security	Voice / Data System	100% x None	Minor	Moderate	Major	Replace		\$0		
			1 11								Score board was replaced in the last two years.
		Clock / Intercom System	100% x None	Minor	Moderate	·	Replace		\$0		March 2022.
		Closed Circuit Surveillance	100% x None	Minor	Moderate		Replace		\$0		
		Access Control System	o None	Minor	Moderate	Major	Replace		\$0		
		Intrusion Alarm System	o None	Minor	Moderate	Major	Replace		\$0		
		Fire Alarm / Detection	100% x None	Minor	Moderate	Major	Replace		\$0		
		Lighting Control System	100% x None	Minor	Moderate		Replace		\$0		1
D50	090 Other Electrical Systems	NOT USED	None	Minor	Moderate		Replace			·	
E EQUIPMENT & FURI	RNISHINGS										
E10 Equipmen	ent		· · · · · · · · · · · · · · · · · · ·							r	Abandanad concession building any inment not
	010 Commercial Faultaneat	Food Convine	100%					100%	650.242	-	Abandoned concession building equipment not
E10	010 Commercial Equipment	Food Service	100% x None	Minor	Moderate	·	x Replace	100%	\$50,243	S	used.
		Vocational	o None	Minor	Moderate		Replace		\$0		
E10	020 Institutional Equipment	Science	o None	Minor	Moderate	Major	Replace		\$0		
		Art	o None	Minor	Moderate	Major	Replace		\$0		
		Stage Performance	o None	Minor	Moderate	Major	Replace		\$0		
		Restroom Accessories/Stalls	100% x None	Minor	Moderate	Major	x Replace	4000			And the second s
								100%	\$628,031	S	Abandoned restroom partitions deterioating

	E1090 Other Equipment	NOT USED	None	Minor	Moderate Major	Replace		·		
	E20 Furnishings							_		
										Replace pressbox furnishings, abandoned
	E2010 Fixed Furnishings		100% x None	Minor	Moderate Major	x Replace	10%	\$30,146		restroom stall walls should be replaced.
	E2020 Movable Furnishings		100% x None	Minor	Moderate Major	Replace		\$0		
F SPECI/	L CONSTRUCTION & DEMOLITION - NOT USED									-
	NG SITE WORK									
	G10 Site Preparation	NOT USED								
	G20 Site Improvements			_		_				
	G2010 Roadways		o None	Minor	Moderate Major	Replace		\$0		Accounted for in BHS assessment
	G2020 Parking Lots		o None	Minor	Moderate Major	Replace		\$0		
										Major shifting in areas, tiles mostly in ok
	G2030 Pedestrian Paving		19000 x None	Minor	Moderate x Major	Replace	51%	\$649,133	1	condition but moved.
										Chainlink fence in ok condition, rust and damage
										evident on the railings along bleachers (not
	G2040 Site Development		1400 x None	Minor	Moderate x Major	Replace	21%	\$1,641	S	chainlink fencing).
	G2050 Landscaping		95000 x None	Minor	Moderate Major	Replace		\$0		
	G30 Site Mechanical Utilities									
	G3010 Water Supply	Domestic	100% x None	Minor	Moderate Major	Replace		\$0		
		Fire	o None	Minor	Moderate Major	Replace		\$0		
										Clean dirt covering the sanitary grill outside of the
	G3020 Sanitary Sewer		100% x None	Minor	Moderate Major	x Replace	2%	\$502	S	new concession building.
	G3030 Storm Sewer		100% x None	Minor	Moderate Major	Replace		\$0		
										There is no heating system or distribution in the
	G3040 Heating Distribution		100% x None	Minor	Moderate Major	x Replace	30%	\$22,609	S	presss box. Install new.
	Ŭ					H				There is no cooling system or distibution in the
	G3050 Cooling Distribution		100% x None	Minor	Moderate Major	x Replace	30%	\$22,609	S	press box. Install new.
	G3060 Fuel Distribution		o None	Minor	Moderate Major	Replace		\$0		
	G3090 Other Site Mechanical Utilities	NOT USED	None	Minor	Moderate Major	Replace				
_	G40 Site Electrical Utilities									
	G4010 Electrical Distribution	Service	100% x None	Minor	Moderate Major	Replace		\$0		
		Generator	o None	Minor	Moderate Major	Replace		\$0		
	G4020 Site Lighting		100% x None	Minor	Moderate Major	Replace	0%	\$0		
	G4030 Site Communications & Security		100% x None	Minor	Moderate Major	Replace	070	\$0		
	G4090 Other Site Electrical Utilities	NOT USED	None	Minor	Moderate Major	Replace		φo		
	G90 Other Site Construction	NOT USED	None	N III O	Moderate	neplace		_		
OTHER	oo other one construction	NOT USED								
OTTER					Unit of	Unit				
	Description of System				Measure Quanti			Extended		Notes
	Replacement of synthetic grass surfacing w	hich is beyond it's useful life			sf ft 100000	13.02		\$1,302,000		
	Replacement of synthetic grass surfacing w				3110 100000	13.02	4	\$0		
					-1  1		4	\$0		
							-	\$0		
					┥┝━┥┝━	┥┝━━━	-	\$0 \$0		1
					┥┝━─┥┝━		-	\$0 \$0		
					┥┝━━┥┝━━		4	\$0 \$0		
							J .	ŞU		

Physical Condition Budget Sub-Total	\$7,869,513
Budgeted Development Costs	\$2,990,415
Physical Condition Budget TOTAL	\$10,859,927
Replacement Budget	\$4,665,221
Facility Condition Index (FCI)	232.8%

Cooperative Strategies School Facilities Assessment

District Name:	Sierra Sands Unified School District
Site Name:	Burroughs High School
Building Name:	0
Building ID:	0

REMINDER: FILL OUT ALL INFORMATION ON 'BASE INFORMATION SHEET' BEFORE ENTERING DATA ON THIS SHEET

An unused cell or system that should not receive direct user input

An automatically populated cell from user input elsewhere in the file - do not overwrite

							LEVEL OF ACTION								
Level 1	Level 2	Level 3	Type (as applicable)	% of Building or Number	None		Minor	Moderate	Major	Repl		% of System or Finish	Automated Budget Estimate	Necessity Rank (I, S, L)	Notes
A SUBS	TRUCTUR	E	· · · · · · · · · · · · · · · · · · ·						· · · · · ·	<u> </u>					
	A10 Foun	idations													
		A1010 Standard Foundations			o None	N	∕linor	Moderate	Major	Repla	ce		\$0		
		A1020 Special Foundations		2%	x None	N	/linor	Moderate	Major	Repla	ce		\$0		Portables
		A1030 Slab on Grade		98%	x None	Ν	Лinor	Moderate	Major	Repla	ce		\$0		
	A20 Base	ment Construction						_							
		A2010 Basement Excavation	NOT USED		None	N	/linor	Moderate	Major	Repla	ce				-
		A2020 Basement Walls			o None		Лinor	Moderate	Major	Repla	ce		\$0		
B SHELI	L			-						-	-				
	-	rstructure								_	_				
		B1010 Floor Construction	Wood	2%	x None		Лinor	Moderate	Major	Repla	ce		\$0		Portables
			Steel		o None		Лinor	Moderate	Major	Repla			\$0		
			Concrete	98%	x None		Лinor	Moderate	Major	Repla			\$0		
		B1020 Roof Construction	Wood	100%	x None		Лinor	Moderate	Major	Repla			\$0		
			Steel		o None		Лinor	Moderate	Major	Repla			\$0		
			Concrete		o None	Ν	Лinor	Moderate	Major	Repla	ce		\$0		
		rior Enclosure											4.4		·
		B2010 Exterior Walls	Concrete Formed / Tilt		o None		/linor	Moderate	Major	Repla			\$0		
			Masonry	65%	x None		/linor	Moderate	Major	Repla		5.00/	\$0		D. Dentables and used
			Framed w/Panel Siding	15%	x None		/linor	Moderate	Major	x Repla		50%	\$3,683,765	S	P Portables are worn and aged.
			Framed w/Stucco	20%	x None		/linor	Moderate	Major	Repla			\$0		
		P2020 Foto sing Mile davas	Framed w/Masonry Veneer		o None		/linor	Moderate	Major	Repla			\$0		
		B2020 Exterior Windows	Wood	100%	o None		/linor	Moderate	Major	Repla		250/	\$0	C.	Single pape
			Aluminum/Steel Clad	100%	x None o None		Лinor Лinor	Moderate	x Major	Repla		25%	\$3,080,635 \$0	S	Single pane
			Curtain Wall		o None		/inor /inor	Moderate Moderate	Major Major	Repla			\$0 \$0		
		B2030 Exterior Doors	Wood		o None		/inor /inor	Moderate	Major	Repla			\$0		
		B2030 Exterior Doors	Wood		0 None	I. I	/11101	widderate	Iviajoi	Repla	le -		οĢ		
															Sand entering under door; AD-19, replace door in
			Hollow Metal	135	x None	N	Лinor	x Moderate	Major	Repla	re l	5%	\$60,328	1	PAC near classroom safety and security concern.
			Storefront	5	x None		Лinor	Moderate	Major	Repla			\$0		
	B30 Roof	ing		-		- ·									
		B3010 Roof Coverings	Asphalt Shingle		o None		/linor	Moderate	Major	Repla	ce		\$0		
			Built-Up		o None		/linor	Moderate	Major	Repla			\$0		
			-			Н		H I		H					
															Appears decent but leaks occurring campus wide,
															connections are worn at penetrations such as
															equipment and skylights. Metal lab has roof leak
			Single Ply	85%	x None		Лinor	x Moderate	Major	Repla	ce	45%	\$3,062,042	S	from penetration of mechanical equipment.
			Metal	15%	x None		Лinor	Moderate	Major	Repla			\$0		
			Concrete Tile		o None	Ν	Лinor	Moderate	Major	Repla	ce		\$O		
															At CTE, roof coverings around is cracking. (6) at
		B3020 Roof Openings	Skylights	12	x None	N	∕linor	Moderate	Major	x Repla	ce	100%	\$6,435	L	approximately 2 sf each

		Access Hatch	36	x	None		Minor	M	oderate	Major		Replace		\$0		3 at PAC and 1 at CTE observed. Press box hat mentioned in other with rest of stadium items sf each
IORS C10 Interior Construct																
CIO Interior Construct	1011											1				Damaged in Multipurpose kitchen near sink
																(covered by sheet metal) and mice holes need
C1010 Partiti	ions	Framed	80%	х	None		Minor	M	oderate	Major	х	Replace	10%	\$2,144,713	I.	be covered.
		Masonry	20%	х	None		Minor	M	oderate	Major		Replace		\$0		
C1020 Interio	or Doors	Wood	150	х	None		Minor	M	oderate	Major		Replace		\$0		Estimated quantity
		Hollow Metal	45	х	None		Minor	M	oderate	Major		Replace		\$0		Estimated quantity
C1030 Fitting	şs	NOT USED			None		Minor	M	oderate	Major		Replace				
C20 Stairs															-	
C2010 Stair C	Construction	Wood		0	None		Minor	M	oderate	Major		Replace		\$0		
		Metal	2	х	None		Minor	M	oderate	Major		Replace		\$0		Spiral staircase for light controls in PAC,
		Concrete	2		None		Minor		oderate	Major	_	Replace		\$0		Assumed concrete; Gym stairs with carpet fini
C2020 Stair F	inishes	Concrete Fill		0	None		Minor	M	oderate	Major		Replace		\$0		
			4000/											40		Minimal area of a spiral staircase treads and n
		Resilient	100%	х	None		Minor		oderate	Major		Replace		\$0		risers.
C30 Interior Finishes C3010 Wall F	inichoc	Paint on Masonry	30%		None	~	Minor	M	oderate	Major	-	Replace	100%	\$1,148,954	S	Very damaged wall in locker rooms.
CSOTO Wall P	inisties	Paint on Masonry	30%	^	None	~	WIIIOI		ouerate	IVIAJUI	-	Replace	100%	\$1,140,554	3	Worn and damaged; kiln room in art room
																(including a hole), paint cracking and several
																damages along walls in paint booth, hole in w
																in BB-1, Mice enter in C-18 kitchen spaces ins
																walls for mice holes. Very damaged paint in
		Wallboard	60%	х	None		Minor	M	oderate	Major	х	Replace	36%	\$2,976,610	S	janitor/ storage closet in PAC.
		Wainscot		0	None		Minor	M	oderate	Major		Replace		\$0		
		Ceramic Tile	10%	х	None		Minor	M	oderate	Major	х	Replace	3%	\$12,464	S	Damaged/missing tiles in locker rooms.
																Carpet at end of life for most spaces. Admin
C3020 Floor	Finishes	Carpet / Soft Surface	45%	х	None		Minor	M	oderate	Major	х	Replace	26%	\$1,736,356	S	building modernized bldgs ok.
																Stained tile in H-3, H-4, C bldg hallway tile ne
																re-polishing from tire skid, damaged or missi
																tile in Sherman's Shack. Very worn and dama
		Resilient Tile	20%		None		Minor		oderate	Major	х	Replace	26%	\$1,244,700	S	tiles in closet near Gym-6 entrance.
		Resilient Sheet	5%	х	None		Minor	M	oderate	Major		Replace		\$0		
																Most spaces need to be re-polished except in
																modernized classroom spaces. Re-polish aro
																Gym space. Cracked and needs re-polished in
		Polished Concrete	20%		None	х	Minor	M	oderate	Major		Replace	25%	\$172,685	S	locker room.
		Ceramic Tile	5%		None		Minor		oderate	Major		Replace		\$0		
		Liquid Applied			None		Minor		oderate	Major		Replace		\$0		
		Wood Sports Floor	5%	х	None		Minor	M	oderate	Major		Replace		\$0		
			1													
			1													Several leaks, holes, and damage in storage
			1													backroom of wood shop. Holes in costume r
			1													of PAC, paint very damaged in janitor/storag

								_					
			Lay-In Ceiling Tile	60%	x None	<u>×</u> Minor	Moderate	Major	Replace	25%	\$256,463	S	Missing tile in AD-22, Small leak damages in BB-6, BB-1 (and missing tile), H-2, H-3, H-4, I-6 (and a damaged tile), K-5, M-46, various leaks in K-4, K- 2, I-2, I-3, P portables, in PAC; CR, halls and auditorium. Dirty from vents in J portables and some cracked. Kitchen ceiling damaged around vents. Very damaged in backroom of wrestling space.
			Glued-Up Ceiling Tile Painted Structure	10%	x None o None	x Minor Minor	Moderate Moderate	Major Major	Replace Replace	26%	\$28,895 \$0	s	Several missing tiles in inner campus admin bldg, N-52. Some leak damage in section of auditorium. Several damaged in PAC halls, near ladder to roof. Several missing and damaged tiles near Gym-6 entrance. Many worn, about to fall in weightlifting room.
D SERVI	CES									·			
l	D10 Con	veying											
		D1010 Elevators & Lifts			o None	Minor	Moderate	Major	Replace		\$0		
		D1020 Escalators & Moving Walks			o None	Minor	Moderate	Major	Replace		\$0		
		D1090 Other Conveying Systems			o None	Minor	Moderate	Major	Replace		\$O		
<u> </u>	D20 Plun	nbing						_					
		D2010 Plumbing Fixtures		100%	x None	Minor	Moderate	Major	x Replace	40%	\$4,312,889	s	PAC Building restrooms not ADA compliant. Boys locker Bldg plumbing fixtures have reached end of life and sinks are not ADA compliant. PAC Building is driving the level of def. in this category.
							_		H			-	
		D2020 Domestic Water Distribution		100%	x None	Minor	Moderate	Major	Replace		\$0	S	Low water pressure throughout the campus
		D2030 Sanitary Waste		100%	x None	Minor	Moderate	Major	Replace		\$0	5	
		S2000 Bankary Waste		100/0	X None		moderate	inajoi	hepiace		ψu		
		D2040 Rain Water Drainage		100%	x None	Minor	Moderate	Major	x Replace	15%	\$602,688	I	Damaged ceiling tiles in PAC building due to leaking roof and poor roof drainage.
	D30 HVA	D2090 Other Plumbing Systems	NOT USED		None	Minor	Moderate	Major	Replace				
				100%	V Nono	Minor	Moderate	Major	Replace		\$0		
		D3010 Energy Supply		100%	x None	Minor	Moderate	Major	Replace		ŞU		Boilers were recently replaced 8yrs & 2ys in the PAC Building. Water heaters reached end of life. PAC Building is driving the level of def. in this
		D3020 Heat Generating Systems	Boiler, Water Heaters	100%	x None	Minor	Moderate	Major	x Replace	30%	\$5,322,967	S	category.
			Air Handler, RTU's, Heat Pumps, Split Systems	100%	x None	Minor	Moderate	Major	x Replace	20%	\$2,169,445	S	Bldg N - AHU (20 yrs old), PAC Building is driving the level of def. in this category.
			Furnace	L	o None	Minor	Moderate	Major	Replace		\$0		
			Heat Exchanger		o None	Minor	Moderate	Major	Replace		\$0		
		D3030 Cooling Generating Systems	Component of Air Handler, RTU's, Heat Pumps, Split Sys	100%	x None	Minor	Moderate	Major	Replace		\$0		These shills a surface of 40 surgers are (2000)
			Stand alone chiller	100%	x None	Minor	Moderate	Major	Replace		\$0		Three chillers replaced 10 years ago (2009). Working in good condition.

									1		
											Duct work in Band Bldg, Art Bldg, Music Bldg, Old
	D3040 Distribution Systems	Ductwork	100% x N 100% x N		Moderate	Major	x Replace	40%	\$3,839,395	S	Admin Bldg, PAC Bldg grills and diffuser dirty.
	D3050 Terminal & Package Units	Hot water return & supply Above ceiling VAV unit		one Minor one Minor	Moderate Moderate	Major Major	Replace Replace		\$0 \$0		
	DS050 Terminal & Fackage Onits	In-room ventilator unit		one Minor	Moderate	Major	Replace		\$0		
		In-room radiant unit		one Minor	Moderate	Major	Replace		\$0 \$0		
	D3060 Controls & Instrumentation			one Minor	Moderate	Major	Replace		\$0		
	D3070 Systems Testing & Balancing			one Minor	Moderate	Major	Replace		\$0		
	D3090 Other HVAC Systems & Equip	m NOT USED	N	one Minor	Moderate	Major	Replace				
D40 Fit	re Protection			_			_			-	
	D4010 Sprinklers		100% × N	one Minor	Madamta	Major	v Devlere	70%	\$22,308,847		Not all buildings are sprinkled except for the PAC Bldg, New Admin Bldg CTE Bldg and Gym.
	D4010 Spinikers D4020 Standpipes			one Minor	Moderate Moderate	Major	x Replace Replace	70%	\$22,508,847	· ·	bidg, New Admin bidg ere bidg and Gym.
	D4020 Standpipes D4030 Fire Protection Specialties			one Minor	Moderate	Major	Replace		\$0		
	D4090 Other Fire Protection System:	s NOT USED		one Minor	Moderate	Major	Replace		ŞŪ	1	
D50 El	ectrical		· · · · · · · · · · · · · · · · · · ·						_		-
	D5010 Electrical Service & Distribution	on	100% x N	one Minor	Moderate	Major	x Replace	20%	\$2,898,138	I	PAC Building electrical system has reached its end of life. Parts will be difficult to replace upon failure of the electrical systems.
	D5020 Lighting and Branch Wiring D5030 Communications & Security	Voice / Data System Clock / Intercom System Closed Circuit Surveillance Access Control System Intrusion Alarm System	100% X N 100% X N	one Minor one Minor one Minor one Minor	Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major	× Replace Replace Replace Replace Replace Replace	20%	\$6,432,365 \$0 \$0 \$0 \$0 \$0 \$0		PAC Building electrical system has reached its end of life. Safety issues with the stage lighting not properly grounded per code. Auditorium stair lighting not in compliance, utilizing rope lighting attached with tape for pathway lighting. Lighting in the Auditorium is not per IESNA light level recommendations. Life safety issue for exiting the building upon emergencies, no egress lighting with battery emergency packs to illuminate paths to exits. Dimmer cabinet for stage lighting has reached it end of life. No emergency lighting system in the Band Bldg and Music Bldg and modular units. Boy Locker Bldg lighting is not energy compliant and does not meet IESNA recommended lighting levels.
		Fire Alarm / Detection	100% x N	one Minor	Moderate	Major	x Replace	1%	\$75,938	I	reprogram the fire alarm control panel for the changed device.

	Lighting Control System	100% x None	Minor	Moderate Major	Replace		\$0		
D5090 Other Electrical Systems	NOT USED	None	Minor	Moderate Major	Replace				
E EQUIPMENT & FURNISHINGS									
E1010 Commercial Equipment	Food Service	100% x None	x Minor	Moderate Major	Replace	100%	\$804,046	1	Walk-in refrigerator refrigerant is not current.
							· · · · · ·		
									2-3 pieces of equipment in the auto shop and
	Vocational	100% x None	x Minor	Moderate Major	Replace	100%	\$2,834,184	1	woodworking shop require replacement.
E1020 Institutional Equipment	Science	30000 x None	Minor	Moderate Major	x Replace	20%	\$1,424,709		Science equipment not connected in Room D-29B
	Art	21000 x None	Minor	Moderate Major	x Replace	100%	\$4,129,125	1	Equipment reached end of life.
				н н	H I				Stage flooring, lighting and sound systems have
									reched the end of life. Replacement is required.
	Stage Performance	10000 x None	Minor	Moderate x Major	Replace	75%	\$1,689,188	-	Seating is new. Old Admin Bldg, Pac Bldg, Art Building,
	Restroom Accessories/Stalls	100% x None	Minor	Moderate Major	x Replace	30%	\$1.015.593		Multipurpose Bldg, Boys Locker Bldg, Bldg N
E1030 Vehicular Equipment	NOT USED	None	Minor	Moderate Major	Replace		, ,,	1	
E1090 Other Equipment	NOT USED	None	Minor	Moderate Major	Replace			_	
E20 Furnishings								i	
E2010 Fixed Furnishings		100% x None	Minor	Moderate x Major	Replace	25%	\$1,800,246	s	Some missing cabinet doors in kitchen aread in C- 18. Damaged counter in Sherman Shack
E2010 Hixed Furnishings		100% x None	Minor	Moderate Major	Replace	2.370	\$0	5	
F SPECIAL CONSTRUCTION & DEMOLITION - NOT L	JSED					LI			
G BUILDING SITE WORK									
G10 Site Preparation	NOT USED								
	NOT USED								Some in new condition and others are cracking
G10 Site Preparation	NOT USED	235000 x None	Minor	Moderate x Major	Replace	51%	\$6,182,732	s	and should be replaced.
G10 Site Preparation G20 Site Improvements G2010 Roadways	NOT USED		H		H I				and should be replaced. Some in new condition and others are cracking
G10 Site Preparation G20 Site Improvements	NOT USED	235000 x None 65650 x None	Minor Minor	Moderate x Major Moderate x Major	Replace Replace	51%	\$6,182,732 \$1,727,219	s s	and should be replaced. Some in new condition and others are cracking and should be replaced.
G10 Site Preparation G20 Site Improvements G2010 Roadways	NOT USED		H		H I				and should be replaced. Some in new condition and others are cracking
G10 Site Preparation G20 Site Improvements G2010 Roadways G2020 Parking Lots	NOT USED	65650 x None	Minor	Moderate x Major	Replace	51%	\$1,727,219	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced.
G10 Site Preparation G20 Site Improvements G2010 Roadways G2020 Parking Lots G2030 Pedestrian Paving G2040 Site Development	NOT USED	65650         x         None           150000         x         None           5692         x         None	Minor Minor Minor	Moderate x Major Moderate x Major Moderate Major	Replace Replace Replace	51%	\$1,727,219 \$2,785,712 \$0	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced. Sports fields irrigation good but rest of space not
G10 Site Preparation G20 Site Improvements G2010 Roadways G2020 Parking Lots G2030 Pedestrian Paving G2040 Site Development G2050 Landscaping	NOT USED	65650 x None 150000 x None	Minor	Moderate x Major Moderate x Major	Replace Replace	51%	\$1,727,219 \$2,785,712	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced.
G10 Site Preparation G20 Site Improvements G2010 Roadways G2020 Parking Lots G2030 Pedestrian Paving G2040 Site Development G2050 Landscaping G30 Site Mechanical Utilities		65650         x         None           150000         x         None           5692         x         None           400000         x         None	Minor Minor Minor Minor	Moderate x Major Moderate x Major Moderate Major Moderate Major	Replace Replace Replace Replace	51%	\$1,727,219 \$2,785,712 \$0 \$0	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced. Sports fields irrigation good but rest of space not
G10 Site Preparation G20 Site Improvements G2010 Roadways G2020 Parking Lots G2030 Pedestrian Paving G2040 Site Development G2050 Landscaping	NOT USED Domestic Fire	65650         x         None           150000         x         None           5692         x         None	Minor Minor Minor	Moderate x Major Moderate x Major Moderate Major	Replace Replace Replace Replace Replace	51%	\$1,727,219 \$2,785,712 \$0	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced. Sports fields irrigation good but rest of space not
G10 Site Preparation G20 Site Improvements G2010 Roadways G2020 Parking Lots G2030 Pedestrian Paving G2040 Site Development G2050 Landscaping G30 Site Mechanical Utilities	Domestic	65650         x         None           150000         x         None           5692         x         None           400000         x         None           100%         x         None	Minor Minor Minor Minor	Moderate x Major Moderate x Major Moderate Major Moderate Major	Replace Replace Replace Replace	51%	\$1,727,219 \$2,785,712 \$0 \$0 \$0 \$0	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced. Sports fields irrigation good but rest of space not used.
G10 Site Preparation G20 Site Improvements G2010 Roadways G2020 Parking Lots G2030 Pedestrian Paving G2040 Site Development G2050 Landscaping G30 Site Mechanical Utilities G3010 Water Supply G3020 Sanitary Sewer	Domestic	65650         x         None           150000         x         None           5692         x         None           400000         x         None           100%         x         None           100%         x         None           100%         x         None	Minor Minor Minor Minor Minor Minor	Moderate x Major Moderate x Major Moderate Major Moderate Major Moderate Major Moderate Major	Replace Replace Replace Replace Replace Replace Replace	51%	\$1,727,219 \$2,785,712 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced. Sports fields irrigation good but rest of space not used.
G10 Site Preparation G20 Site Improvements G2010 Roadways G2020 Parking Lots G2030 Pedestrian Paving G2040 Site Development G2050 Landscaping G305 Site Mechanical Utilities G3010 Water Supply G3020 Sanitary Sewer G3030 Storm Sewer	Domestic	65650         x         None           150000         x         None           5692         x         None           400000         x         None           100%         x         None	Minor Minor Minor Minor Minor Minor Minor	Moderate x Major Moderate x Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	Replace Replace Replace Replace Replace Replace Replace X Replace	51%	\$1,727,219 \$2,785,712 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,155,238	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced. Sports fields irrigation good but rest of space not used.
G10 Site Preparation         G20 Site Improvements         G2010 Roadways         G2020 Parking Lots         G2030 Pedestrian Paving         G2040 Site Development         G2050 Landscaping         G3010 Water Supply         G3020 Sanitary Sewer         G3030 Storm Sewer         G3040 Heating Distribution	Domestic	65650         x         None           150000         x         None           5692         x         None           400000         x         None           100%         x         None           00%         x         None	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate × Major Moderate × Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	Replace Replace Replace Replace Replace Replace Replace Replace x Replace	51%	\$1,727,219 \$2,785,712 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced. Sports fields irrigation good but rest of space not used.
G10 Site Preparation G20 Site Improvements G2010 Roadways G2020 Parking Lots G2030 Pedestrian Paving G2040 Site Development G2050 Landscaping G305 Site Mechanical Utilities G3010 Water Supply G3020 Sanitary Sewer G3030 Storm Sewer	Domestic	65650         x         None           150000         x         None           5692         x         None           400000         x         None           100%         x         None	Minor Minor Minor Minor Minor Minor Minor	Moderate x Major Moderate x Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	Replace Replace Replace Replace Replace Replace Replace X Replace	51%	\$1,727,219 \$2,785,712 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,155,238	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced. Sports fields irrigation good but rest of space not used.
G10 Site Preparation         G20 Site Improvements         G2010 Roadways         G2020 Parking Lots         G2030 Pedestrian Paving         G2040 Site Development         G2050 Landscaping         G3010 Water Supply         G3030 Storm Sewer         G3030 Storm Sewer         G3040 Heating Distribution         G3050 Cooling Distribution         G3060 Fuel Distribution	Domestic Fire	65650         x         None           150000         x         None           5692         x         None           400000         x         None           100%         x         None           100%         x         None           100%         x         None           100%         x         None           00%         x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate × Major Moderate × Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace	51%	\$1,727,219 \$2,785,712 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced. Sports fields irrigation good but rest of space not used.
G10 Site Preparation         G20 Site Improvements         G2010 Roadways         G2020 Parking Lots         G2030 Pedestrian Paving         G2040 Site Development         G2050 Landscaping         G300 Site Mechanical Utilities         G3010 Water Supply         G3030 Storm Sewer         G3030 Cooling Distribution         G3050 Cooling Distribution         G3090 Other Site Mechanical Utilities	Domestic Fire ties NOT USED	65650         x         None           150000         x         None           5692         x         None           400000         x         None           100%         x         None           0         None         None           0         None         None           00%         x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate x Major Moderate x Major Moderate Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace	51%	\$1,727,219 \$2,785,712 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced. Sports fields irrigation good but rest of space not used.
G10 Site Preparation         G20 Site Improvements         G2010 Roadways         G2020 Parking Lots         G2030 Pedestrian Paving         G2040 Site Development         G2050 Landscaping         G3010 Water Supply         G3030 Storm Sewer         G3030 Storm Sewer         G3040 Heating Distribution         G3050 Cooling Distribution         G3060 Fuel Distribution	Domestic Fire ties NOT USED Service	65650         x         None           150000         x         None           5692         x         None           400000         x         None           100%         x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate × Major Moderate × Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace	51%	\$1,727,219 \$2,785,712 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced. Sports fields irrigation good but rest of space not used.
G10 Site Preparation         G20 Site Improvements         G2010 Roadways         G2020 Parking Lots         G2030 Pedestrian Paving         G2040 Site Development         G2050 Landscaping         G30 Site Mechanical Utilities         G3030 Storm Sewer         G3030 Storm Sewer         G3030 Storm Sewer         G3050 Cooling Distribution         G3050 Cooling Distribution         G3090 Other Site Mechanical Utilities         G4010 Electrical Distribution	Domestic Fire ties NOT USED	65650         x         None           150000         x         None           5692         x         None           400000         x         None           100%         x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate × Major Moderate × Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace	51%	\$1,727,219 \$2,785,712 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced. Sports fields irrigation good but rest of space not used.
G10 Site Preparation         G20 Site Improvements         G2010 Roadways         G2020 Parking Lots         G2030 Pedestrian Paving         G2040 Site Development         G2050 Landscaping         G300 Site Mechanical Utilities         G3010 Water Supply         G3030 Storm Sewer         G3030 Cooling Distribution         G3050 Cooling Distribution         G3090 Other Site Mechanical Utilities	Domestic Fire ties NOT USED Service Generator	65650         x         None           150000         x         None           5692         x         None           400000         x         None           100%         x         None	Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor Minor	Moderate × Major Moderate × Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major Moderate Major	Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace Replace	51%	\$1,727,219 \$2,785,712 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	S	and should be replaced. Some in new condition and others are cracking and should be replaced. Some in new condition and others are cracking and should be replaced. Sports fields irrigation good but rest of space not used.

G90 Other Site Construction NOT USED							
OTHER						 	
	Unit of			U			
Description of System	Measure		Quantity	Buc	lget	Extended	 Notes
Glass partitions in CTE (only about 1%, not counted in other finishes and partitions totals)		1				\$0	
P Portables ramps need to be replaced, safety concern, See ADA		Ι				\$0	
	T F	T					
No lightning protection system installed for the campus. Potential equipment damage upon lightning strikes.							
		Т					
No fume hoods in the culinary building. Suggest heat detectors in the culinary area in lieu of smoke detectors.							
Building D - room D-24, teacher indicated a strange smell in her classroom Jan 7, 2019.	1	1					
Building D - room D-22, teacher having issues with ceiling mounted speakers.	i I	ī –					
Sporting field irrigation pump not furnished with VFD to reduce the speed. Possible damage if left running with	I I	ī –					
lower water pressure resulting in cavitation.							
		1					
		1				\$0	
	4 L						•

Physical Condition Budget Sub-Total Budgeted Development Costs Physical Condition Budget TOTAL \$94,726,033 \$35,995,893 \$130,721,926

Replacement Budget Facility Condition Index (FCI) \$323,427,476 PAC building is driving a high level of def. in several categories. If PAC is re 40.4%

Cooperative Strategies School Facilities Assessment

rict Name: Name: ding Name:		2	An	DER: FILL OUT ALL IN unused cell or system automatically popula	that should not reco	eive direct u	ser input		RING DATA ON THIS SHE	ET	
ding ID:		0						-			
el 1 Level 2		Type (as applicable)	% of Building or Number N	None Minor	LEVEL OF ACTION Moderate	Major	Replace	% of System or Finish	Automated Budget Estimate	Necessity Rank (I, S, L)	Notes
A10 For	JRE undations										
<u>A10100</u>	A1010 Standard Foundatio	ns	o Nor	ne Minor	Moderate	Major	Replace		\$0		
	A1020 Special Foundations		o Nor	ne Minor	Moderate	Major	Replace		\$0		
	A1030 Slab on Grade		100% x Nor	ne Minor	Moderate	Major	Replace		\$0		
<u>A20 Bas</u>	sement Construction		Nor	Minor	Madarata	Majar	Danlaga				
_	A2010 Basement Excavatio A2020 Basement Walls	n NUT USED	Nor o Nor		Moderate Moderate	Major Major	Replace Replace		\$0		
HELL	ALOLO DASCINCIL WAID				moderate	major	nepidee		ψu		
<u>B10 Sup</u>	perstructure					_					
	B1010 Floor Construction	Wood	o Nor		Moderate	Major	Replace		\$0		
		Steel	o Nor 100% x Nor		Moderate	Major	Replace		\$0		
		Concrete	100% x Nor	ne Minor	Moderate	Major	Replace		\$0		
			1 11								
			1 11								According to maintenance; end of life
	B1020 Roof Construction	Wood	100% x Nor	ne Minor	Moderate	Major	x Replace	20%	\$2,778,272	1	(1319,1317)
		Steel	o Nor		Moderate	Major	Replace		\$0		
		Concrete	o Nor	ne Minor	Moderate	Major	Replace		\$0		
<u>B20 Ext</u>	B2010 Exterior Walls	Concrete Formed / Tilt	o Nor	ne Minor	Moderate	Major	Replace	<b></b>	\$0		
	B2010 EXterior waits	Masonry	o Nor		Moderate	Major	Replace		\$0		
		Framed w/Panel Siding	o Nor		Moderate	Major	Replace		\$0		
		Framed w/Stucco	100% x Nor		Moderate	Major	Replace		\$0		
		Framed w/Masonry Veneer	o Nor	ne Minor	Moderate	Major	Replace		\$0		
	B2020 Exterior Windows	Wood	o Nor		Moderate	Major	Replace		\$0		
		Aluminum/Steel	100% x Nor		Moderate	x Major	Replace	100%	\$5,556,545	L	Adjust \$, very few windows in facility
		Clad Curtain Wall	o Nor o Nor		Moderate Moderate	Major Major	Replace Replace		\$0 \$0		
	B2030 Exterior Doors	Wood	o Nor		Moderate	Major	Replace		\$0		
	BEOSO EXterior Boord	Hollow Metal	13 x Nor		Moderate	Major	Replace		\$0		
		Storefront	8 x Nor		Moderate	Major	Replace		\$0		
B30 Roc	ofing			_		_	_				-
	B3010 Roof Coverings	Asphalt Shingle	o Nor		Moderate	Major	Replace		\$0		
		Built-Up	o Nor	ne Minor	Moderate	Major	Replace		\$0		
			1 11								
		Single Ply	100% x Nor	ne Minor	Moderate	Major	x Replace	25%	\$2,430,988	1	End of life (1319,1317)
		Metal	o Nor		Moderate	Major	Replace		\$0	· · · ·	
		Concrete Tile	o Nor	ne Minor	Moderate	Major	Replace		\$0		
	B3020 Roof Openings	Skylights	o Nor		Moderate	Major	Replace		\$0		
		Access Hatch	1 x Nor	ne Minor	Moderate	Major	Replace		\$0		
TERIORS	erior Construction										
<u>C10 III.</u>	enor construction										Vacant space partitions need to replace, no
	C1010 Partitions	Framed	100% x Nor	ne Minor	Moderate	Major	x Replace	20%	\$2,778,272	I.	many partitions in there.
		Masonry	o Nor	ne Minor	Moderate	Major	Replace		\$0		
	C1020 Interior Doors	Wood	o Nor		Moderate	Major	Replace		\$0		
		Hollow Metal	50 x Nor		Moderate	Major	x Replace	20%	\$64,103	I	Vacant space doors
C20 Ct-	C1030 Fittings	NOT USED	Nor	Minor	Moderate	Major	Replace				
<u>C20 Sta</u>						7	Π				Stairs don't fit criteria of major or replace b likely be replaced during modernization. Wo
	C2010 Stair Construction	Wood	1 x Nor	ne Minor	Moderate	Major	Replace		\$0		staircase with no finish

		Metal	<b></b>	o None	Minor	Moderate	Major	Repla			\$0		
		Concrete		o None	Minor	Moderate	Major	Repla			\$0		
	C2020 Stair Finishes	Concrete Fill		o None	Minor	Moderate	Major	Repla			\$0		
	CZOZO Stali Timshes	Resilient		o None	Minor	Moderate	Major	Repla			\$0		
C30 In	terior Finishes			o none		moderate	major	Repla			φõ		
	C3010 Wall Finishes	Paint on Masonry		o None	Minor	Moderate	Major	Repla	ce		\$0		
		Wallboard	95%	x None	Minor	Moderate	Major	x Repla		83%	\$3,286,002	1	Replace vacant space
		Wainscot		o None	Minor	Moderate	Major	Repla			\$0		
		Ceramic Tile	5%	x None	Minor	Moderate	Major	Repla			\$0		
	C3020 Floor Finishes	Carpet / Soft Surface	15%	x None	Minor	Moderate	Major	Repla			\$0		
	0002011001111151105	Resilient Tile	10/0	o None	Minor	Moderate	Major	Repla			\$0		
		Resilient Sheet	4%	x None	Minor	Moderate	Major	Repla			\$0		
		Polished Concrete	80%	x None	x Minor	Moderate	Major	Repla		90%	\$1,250,223	S	Vacant space
		Ceramic Tile	1%	x None	Minor	Moderate	Major	Repla		5070	\$0	5	
		Liquid Applied	170	o None	Minor	Moderate	Major	Repla			\$0		
		Wood Sports Floor		o None	Minor	Moderate	Major	Repla			\$0		
	C3030 Ceiling Finishes	Wallboard			Minor		-				\$0		
	C3030 Celling Finishes		200/	o None		Moderate	Major	Repla			\$0 \$0		
		Lay-In Ceiling Tile	20%	x None	Minor	Moderate	Major	Repla					
		Glued-Up Ceiling Tile		o None	Minor	Moderate	Major	Repla	ce		\$0		Majority of building has no ceiling finish, only in
		Deinted Structure	80%	Nene	Minor	Madarata	Major	Donlo			\$0		modernized space.
D SERVICES		Painted Structure	80%	x None	Minor	Moderate	IVIAJOI	Repla	Le		ŞU		modernized space.
	an warden a												
<u>D10 C</u>	onveying			<b>.</b>			<b>-</b>				40		
	D1010 Elevators & Lifts	14/-11		o None	Minor	Moderate	Major	Repla			\$0		
	D1020 Escalators & Movi			o None	Minor	Moderate	Major	Repla			\$0		
	D1090 Other Conveying S	ystems		o None	Minor	Moderate	Major	Repla	ce		\$0		
D20 P	lumbing				_				_				
													Vacant space plumbing fixtures are not functional
	D2010 Plumbing Fixtures		100%	x None	Minor	Moderate	Major	x Repla		25%	\$1,215,494	S	and have reached their end of life.
	D2020 Domestic Water D	istribution	100%	x None	Minor	Moderate	Major	x Repla		25%	\$520,926	S	Low water pressure.
	D2030 Sanitary Waste		100%	x None	Minor	Moderate	Major	Repla	ce		\$0		
													Vacant space (Suite 1317 and 1319), the roof
													material deteriorated and caused extreme water
													intrusion into the building damaging walls,
													insulation, ceilings and carpet. Possible growth of
_	D2040 Rain Water Draina	-	100%	x None	Minor	Moderate	Major	x Repla		25%	\$260,463		harmful substance due to the water intrusion.
	D2090 Other Plumbing Sy	rste NOT USED		None	Minor	Moderate	Major	Repla	ce				
<u>D30 H</u>	VAC								_				Vacant space (Suite 1317 and 1319), the roof
													could not be accessed due to the severe water damage. The possibility that the gas lines to the
	500405 G I		1000/							2501	A170 C10		to roof mounted may be damaged.
	D3010 Energy Supply		100%	x None	Minor	Moderate	Major	x Repla	ce	25%	\$173,642	1	
													Vacant space (Suite 1317 and 1319), the water heaters have reached their end of life and are no
	D2020 Uset Conservice C		100%	. News		Madamata				250/	6004 FC0		longer functional.
	D3020 Heat Generating S	ysti Boller (wtr Htr)	100%	x None	Minor	Moderate	Major	x Repla	ce	25%	\$694,568	I	Vacant space (Suite 1317 and 1319), the units
													have reached their end of life and are no longer
		Air Llondlor (DTLlo)	100%	Nene	Minor	Madarata	Majar	V Domin		25%	\$520,926		functional.
		Air Handler (RTUs)	100%	x None	Minor	Moderate	Major	x Repla	e –	25%	\$520,920	1	Radiant heaters have reached their end of life in
													the vacant space (Suite 1317 and 1319) and the
													open vacant space (suite 1517 and 1519) and the
		Frances (Dedlerst Utr)	100%			Manda under				250/	6247 204		district.
		Furnace (Radiant Htr)	100%	x None	Minor	Moderate	Major	x Repla		25%	\$347,284	1	usuit.
		Heat Exchanger	<b>I</b>	o None	Minor	Moderate	Major	Repla	ce –		\$0		Vacant chaco (Suito 1017 and 1010) the unit-
													Vacant space (Suite 1317 and 1319), the units
			1000/							2521	4500.005	I .	have reached their end of life and are no longer
	D3030 Cooling Generating	g S Component of AHU (RTUs)	100%	x None	Minor	Moderate	Major	x Repla		25%	\$520,926		functional.
		Stand alone chiller	L	o None	Minor	Moderate	Major	Repla	ce		\$0		The dust work in the user is a factor of the table
													The ductwork in the vacant space (Suite 1317 and
													1319) is severely damaged due to water
										7541	A		intrusion. There is not ductwork in the open
	D3040 Distribution System	ns Ductwork	100%	x None	Minor	Moderate	Major	x Repla	ce	75%	\$1,041,852		vacant space used for storage for the district.

				Π		Π				There is no hot water return and supply for the vacant space (Suite 1317 and 1319) and the open
		Hot water return & supply	100% x None	Minor	Moderate Maj		75%	\$2,604,630	1	vacant space used for district storage
		D3050 Terminal & Package L Above ceiling VAV unit	100% x None	Minor	Moderate Maj			\$0		
		In-room ventilator unit	o None	Minor	Moderate Maj			\$0		
		In-room radiant unit	o None	Minor	Moderate Maj			\$0		
		D3060 Controls & Instrumentation	100% x None	Minor	Moderate Ma	jor x Replace	75%	\$1,041,852	1	
		D3070 Systems Testing & Balancing D3090 Other HVAC Systems NOT USED	100% x None None	Minor Minor	Moderate Maj Moderate Maj		75%	\$520,926	I	The systems installed in the newly renovated space (8yrs) have not been properly tested and balanced.
		Protection						_		
		D4010 Sprinklers	100% x None	Minor	Moderate Maj	jor x Replace	75%	\$1,953,473	1	The sprinklers for the vacant space (Suite 1317 and 1319) and the open vacant space used for district storage can't be determined if they are functional and up to code.
		D4020 Standpipes	100% x None	Minor	Moderate Maj	jor x Replace	75%	\$1,041,852	I	The standpipes for the vacant space (Suite 1317 and 1319) and the open vacant space used for district storage can't be determined if they are functional and up to code.
										The fire protection specialties for the vacant space (Suite 1317 and 1319) and the open vacant space used for district storage can't be
		D4030 Fire Protection Specialties	100% x None	Minor	Moderate Maj	jor x Replace	75%	\$1,041,852	I.	determined if they are functional and up to code.
		D4090 Other Fire Protection NOT USED	None	Minor	Moderate Maj	jor Replace				
	D50 Elect	trical								
		D5010 Electrical Service & Distribution	100% x None	Minor	Moderate Maj	jor <u>x</u> Replace	75%	\$4,167,408	I	Electrical equipment and distribution has reached it end of life. Parts will be difficult and replace upon a failure.
		D5020 Lighting and Branch Wiring	100% × None	Minor	Moderate Ma	jor x Replace	75%	\$6,251,113	I	Lighting is not efficient in the vacant spaces and exterior lighting does not comply with the current Title 24 for lighting and controls throughout the shopping strip. No emergency lighting for egress lighting in the open vacant space for evacuation.
										The voice/data system for the vacant space (Suite 1317 and 1319) and the open vacant space used for district storage can't be determined if the
		D5030 Communications & Se Voice / Data System	100% x None	Minor	Moderate Ma	jor x Replace	75%	\$2,865,093	L	devices are functional.
		Clock / Intercom System	o None	Minor	Moderate Maj	jor Replace		\$0		
		Closed Circuit Surveillance	100% x None	Minor	ModerateMaj		75%	\$573,019	I	Additional closed circuit system is suggested for the equipment and supplies stored in the open vacant space used for the district.
		Access Control System	o None	Minor	Moderate Maj			\$0		
		Intrusion Alarm System	o None	Minor	Moderate Maj	jor Replace		\$0		The five classe (detection water for the set
		Fire Alarm / Detection	100% x None	Minor	Moderate Maj	jor x Replace	75%	\$1,172,084	1	The fire alarm/detection system for the vacant space (Suite 1317 and 1319) and the open vacant space used for district storage can't be determined if the devices are functional or code compliant.
		•								Lighting controls does not comply with the
	_	Lighting Control System D5090 Other Electrical Syste NOT USED	100% x None	Minor	Moderate Maj Moderate Maj		75%	\$520,926	I	current Title 24 for lighting throughout the campus.
			None		in ouclute in a	nepiace		-		
E EQUIP	MENT &	FURNISHINGS								
	E10 Equi									
		E1010 Commercial Equipme Food Service	o None	Minor	Moderate Ma	jor Replace		\$0		
		Vocational	o None	Minor	Moderate Ma			\$0		
		E1020 Institutional Equipme Science	o None	Minor	Moderate Ma			\$0		1
		Art	o None	Minor	Moderate Maj			\$0		
		Stage Performance	o None	Minor	Moderate Ma			\$0		
							-			

								\$0 \$0		
							1	\$0		
						1	1 1	\$0		+
No lightening protection				┥┝━━┥│		┥┝───		\$0 \$0		+
Roll up garage doors				┥┝━━┥╵	6			\$0		Ok condition
Description of System				Measure	Quantity	Budget		Extended		Notes
1				Unit of		Unit	, i			
G90 Other Site Construction	NOT USED									
G4090 Other Site Electrica	-	None	Minor	Moderate	Major	Replace		+=,===,===,===	•	· · ·
G4030 Site Communicatio	ns & Security	100% x None	Minor	Moderate	Major	x Replace	100%	\$1,389,136	I	campus is insufficient for additional load added to the campus
G4020 Site Lighting		100% x None	Minor	Moderate	Major	x Replace	100%	\$2,083,704	I	battery pack for emergency purposes. Site communication and security up to the
										with photocell (auto control) and emergency
										buildings and behind modulars. It is suggest to furnish the exterior egress lighting above door
										areas for security purposes, such as between
										campus. Additional lighting is suggested in un
							7			Exterior lighting controls does not comply with the current Title 24 for lighting throughout the
	Generator	o None	Minor	Moderate		Replace		\$0		
G4010 Electrical Distributi	on Service	100% x None	Minor	Moderate	Major	x Replace	100%	\$2,083,704	I	Electrical service up to the campus is insufficie for additional load added to the campus.
G3090 Other Site Mechan G40 Site Electrical Utilities	Canor USED	None	winor	Widderate	ividjur	Replace				
G3060 Fuel Distribution G3090 Other Site Mechan		100% x None None	Minor	Moderate Moderate	Major Major	Replace Replace		\$0		Newly installed.
G3050 Cooling Distribution	1	o None	Minor	Moderate	Major	Replace		\$0		Newkeinstelled
G3040 Heating Distributio	n	o None	Minor	Moderate	Major	Replace		\$0		
G3020 Sanitary Sewer G3030 Storm Sewer		100% x None	Minor		Major Major	Replace Replace		\$0 \$0		+
C2020 Sanitary Sauce	Fire	100% x None 100% x None	Minor	Moderate Moderate	Major Major	Replace		\$0 \$0		+
G3010 Water Supply	Domestic	100% x None	Minor	Moderate	Major	Replace		\$0		
G30 Site Mechanical Utilities			_		· ·		<u> </u>			-
G2050 Landscaping		o None	Minor	Moderate	Major	Replace		\$0		
G2030 Pedestrian Paving G2040 Site Development		5000 x None o None	Minor		Major Major	Replace Replace		\$0 \$0		+
G2020 Parking Lots		19450 x None	x Minor	Moderate	Major	Replace	100%	\$340,035		measurement was based on entire parking lo
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			H		-,					Space needs slurry and restriping, sqft
G2010 Roadways		7550 x None	x Minor	Moderate	Major	Replace	100%	\$61,597		Space needs slurry and restriping, sqft measurement was based on entire parking lo
G20 Site Improvements		-	—			_				<b>1</b>
G10 Site Preparation	NOT USED									
LDING SITE WORK										
ECIAL CONSTRUCTION & DEMOLITION	- NOT USED				-					
E2020 Movable Furnishing	S	100% x None	Minor		Major	x Replace	83%	\$10,376,847	S	Much of outdated storage in vacant space
E2010 Fixed Furnishings		100% x None	Minor	Moderate	Major	x Replace	83%	\$6,917,898	S	Replace in vacant space
E1090 Other Equipment E20 Furnishings	NOT USED	None	Minor	Moderate	Major	Replace				
E1030 Vehicular Equipmer		None	Minor		Major	Replace				
	Restroom Accessories/Stalls	100% x None	Minor	Moderate	Major	x Replace	75%	\$13,023,151	S	compliant.
										space used for district storage are not ADA
										The Restroom Accessories/Stalls for the vaca space (Suite 1317 and 1319) and the open va

Physical Condition Budget Sub-Total

Budgeted Development Costs	\$31,718,899
Physical Condition Budget TOTAL	\$115,189,684
Replacement Budget Facility Condition Index (FCI)	\$146,446,332 78.7%

	0									
				LEVEL OF ACTION			1			
Level 2 Level 3	Type (as applicable)	% of Building or Number None	e Minor	r Moderate	Major	Replace	% of System or Finish	Automated Budget Estimate	Necessity Rank (I, S, L)	Notes
STRUCTURE A10 Foundations										
A1010 Standard Found	lations	o None	Minor	Moderate	Major	Replace		\$0		
A1020 Special Founda		o None	Minor	Moderate	Major	Replace		\$0		
A1030 Slab on Grade		100% x None	Minor	Moderate >		Replace	10%	\$71,211	S	Settling occurring at addition of business of
A20 Basement Construction								. ,		
A2010 Basement Exca	vation NOT USED	None	Minor	Moderate	Major	Replace				
A2020 Basement Wall	5	o None	Minor	Moderate	Major	Replace		\$0		
LL										
B10 Superstructure			_		_					
B1010 Floor Construct		o None	Minor	Moderate	Major	Replace		\$0		
	Steel	o None	Minor	Moderate	Major	Replace		\$0		
	Concrete	100% x None	Minor	Moderate	Major	Replace		\$0		
B1020 Roof Construct		64% x None	Minor	Moderate	Major	Replace		\$0		Permanent structures (assumed wood)
	Steel	36% x None	Minor	Moderate	Major	x Replace	100%	\$534,082		Replace Huts exterior
	Concrete	o None	Minor	Moderate	Major	Replace		\$0		
B20 Exterior Enclosure					<b>-</b>			60		
B2010 Exterior Walls	Concrete Formed / Tilt	o None	Minor	Moderate	Major	Replace		\$0		
	Masonry	o None	Minor	Moderate	Major	Replace	1000/	\$0		Deplace Units outeries
	Framed w/Panel Siding	36% x None 64% x None	Minor Minor	Moderate	Major	x Replace	100%	\$640,898		Replace Huts exterior Cracking visible, especially along business
	Framed w/Stucco Framed w/Masonry Veneer	64% x None o None	Minor	Moderate >	Major Major	Replace Replace	20%	\$60,767 \$0	S	cracking visible, especially along busiliess
B2020 Exterior Windo		o None	Minor	Moderate				\$0 \$0		
B2020 Exterior Willuo	Aluminum/Steel	100% x None	Minor	Moderate	Major Major	Replace x Replace	82%	\$632,590	S	All single pane, huts should be replaced
	Clad	o None	Minor	Moderate	Major	Replace	0270	\$032,390	3	An single parte, nats should be replaced
	Curtain Wall	o None	Minor	Moderate	Major	Replace		\$0		-
B2030 Exterior Doors	Wood	o None	Minor	Moderate	Major	Replace		\$0		
b2030 Exterior b0013	Hollow Metal	100 x None	Minor	Moderate	Major	Replace		\$0		Aesthetics poor
	Storefront	o None	Minor	Moderate	Major	Replace		\$0		
B30 Roofing										
B3010 Roof Coverings	Asphalt Shingle	o None	Minor	Moderate	Major	Replace		\$0		
	Built-Up	o None	Minor	Moderate	Major	Replace		\$0		
	Single Ply	o None	Minor	Moderate	Major	Replace		\$0		1
										Replace hut roofing, spray foam on perma
	Metal	100% x None	Minor	Moderate	Major	x Replace	50%	\$593,424	S	buildings beginning to bubble
	Concrete Tile	o None	Minor	Moderate	Major	Replace		\$0		
B3020 Roof Openings	Skylights	o None	Minor	Moderate	Major	Replace		\$0		
	Access Hatch	o None	Minor	Moderate	Major	Replace		\$0		
RIORS						-				
C10 Interior Construction			_			<u> </u>				
C1010 Partitions	Framed	100% x None	Minor	Moderate	Major	Replace		\$0		
	Masonry	o None	Minor	Moderate	Major	Replace		\$0		
C1020 Interior Doors	Wood	21 x None	Minor	Moderate	Major	Replace		\$0		<u> </u>
	Hollow Metal	o None	Minor	Moderate	Major	Replace	1	\$0		

	030 Fittings	NOT USED	_	None	Minor	Moderate	Major	Replace			-	
C20 Stairs					_		-	_				
C20:	010 Stair Construction	Wood		o None	Minor	Moderate	Major	Replace		\$0		
		Metal		o None	Minor	Moderate	Major	Replace		\$0		
		Concrete		o None	Minor	Moderate	Major	Replace		\$0		
C202	020 Stair Finishes	Concrete Fill		o None	Minor	Moderate	Major	Replace		\$0		
		Resilient		o None	Minor	Moderate	Major	Replace		\$0		
C30 Interior F					—			—				
C30:	010 Wall Finishes	Paint on Masonry		o None	Minor	Moderate	Major	Replace		\$0		
		Wallboard	100%	x None	Minor	Moderate	Major	Replace		\$0		
		Wainscot		o None	Minor	Moderate	Major	Replace		\$0		
		Ceramic Tile		o None	Minor	Moderate	Major	Replace		\$0		
C30	020 Floor Finishes	Carpet / Soft Surface	85%	o None	Minor	Moderate	Major	x Replace	100%	\$295,080	S	End of life
		Resilient Tile	10%	x None	Minor	Moderate	Major	Replace		\$0		
		Resilient Sheet		o None	Minor	Moderate	Major	Replace		\$0		
		Polished Concrete		o None	Minor	Moderate	Major	Replace		\$0		
		Ceramic Tile		o None	Minor	Moderate	Major	Replace		\$0		
		Liquid Applied		o None	Minor	Moderate	Major	Replace		\$0		
		Wood Sports Floor	5%	x None	Minor	Moderate	Major	Replace		\$0		Wood floor in break room (not sports floo
C30	030 Ceiling Finishes	Wallboard	100%	o None	x Minor	Moderate	Major	Replace	10%	\$8,901	L	Poor in closets
		Lay-In Ceiling Tile		o None	Minor	Moderate	Major	Replace		\$0		
		Glued-Up Ceiling Tile		o None	Minor	Moderate	Major	Replace		\$0		
		Painted Structure		o None	Minor	Moderate	Major	Replace		\$0		
/ICES						_	_				- <b>B</b>	
D10 Conveyin	ng											
D10	010 Elevators & Lifts			o None	Minor	Moderate	Major	Replace		\$0		
D10	020 Escalators & Moving	Walks		o None	Minor	Moderate	Major	Replace		\$0		
D10	090 Other Conveying Syst	tems		o None	Minor	Moderate	Major	Replace		\$0		
D20 Plumbing	<u>ig</u>							<u> </u>				•
												The plumbing fixtures have reached their
												life in the restrooms. In addition, the fixtu
D20	010 Plumbing Fixtures		100%	x None	Minor	Moderate	Major	x Replace	100%	\$415,397	1	
D20	010 Plumbing Fixtures		100%	x None	Minor	Moderate	Major	x Replace	100%	\$415,397	1	life in the restrooms. In addition, the fixtu the restrooms are non compliant per ADA The domestic waster distribution system l
	010 Plumbing Fixtures 020 Domestic Water Dist	ribution	100%	x None	Minor	Moderate Moderate			100%	\$415,397 \$178,027	1	the restrooms are non compliant per ADA The domestic waster distribution system
	-	ribution					Major Major				1	the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu
D20	020 Domestic Water Dist	ribution					Major	x Replace				the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu
D20:	- 020 Domestic Water Dist 030 Sanitary Waste		100%	x None x None	Minor Minor	Moderate	Major Major	x Replace x Replace	100%	\$178,027	1 1	the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu The sanitary waste system has reached is
D20. D20. D20.	020 Domestic Water Dist 030 Sanitary Waste 040 Rain Water Drainage		100%	x None	Minor	Moderate	Major	x Replace	100%	\$178,027 \$178,027	I I I	the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu The sanitary waste system has reached is
D203 D203 D204 D204 D204	- 020 Domestic Water Dist 030 Sanitary Waste		100%	x None x None o None	Minor Minor Minor	Moderate Moderate Moderate	Major Major Major	x Replace x Replace Replace	100%	\$178,027 \$178,027		the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu The sanitary waste system has reached is
D20. D20. D20.	020 Domestic Water Dist 030 Sanitary Waste 040 Rain Water Drainage		100%	x None x None o None	Minor Minor Minor	Moderate Moderate Moderate	Major Major Major	x Replace x Replace Replace	100%	\$178,027 \$178,027		the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu The sanitary waste system has reached is
D203 D203 D204 D204 D204	020 Domestic Water Dist 030 Sanitary Waste 040 Rain Water Drainage		100%	x None x None o None	Minor Minor Minor	Moderate Moderate Moderate	Major Major Major	x Replace x Replace Replace	100%	\$178,027 \$178,027		the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu The sanitary waste system has reached is of life through the campus.
D203 D203 D204 D204 D204	020 Domestic Water Dist 030 Sanitary Waste 040 Rain Water Drainage		100%	x None x None o None	Minor Minor Minor	Moderate Moderate Moderate	Major Major Major	x Replace x Replace Replace	100%	\$178,027 \$178,027		the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu The sanitary waste system has reached is of life through the campus.
D20. D20: D20- D20- D20- D20- D20- D20- D20- D20-	200 Domestic Water Dist 030 Sanitary Waste 040 Rain Water Drainage 090 Other Plumbing Syste		100%	x None x None o None None	Minor Minor Minor Minor	Moderate Moderate Moderate Moderate	Major Major Major Major	x Replace x Replace Replace Replace	100%	\$178,027 \$178,027 \$0		the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu The sanitary waste system has reached is of life through the campus.
D20. D20: D20- D20- D20- D20- D20- D20- D20- D20-	020 Domestic Water Dist 030 Sanitary Waste 040 Rain Water Drainage		100%	x None x None o None	Minor Minor Minor	Moderate Moderate Moderate	Major Major Major	x Replace x Replace Replace	100%	\$178,027 \$178,027		the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu The sanitary waste system has reached is of life through the campus. Connections to the RTUs, are rusting and deteriorating. Suggest painting the piping inhibit rusting and possible failure and sta the roof coating.
D20: D20: D20: D20: D20: D20: D20: D20:	2 020 Domestic Water Dist 030 Sanitary Waste 040 Rain Water Drainage 090 Other Plumbing Syste 090 Other Plumbing Syste	er NOT USED	100%	x None x None o None None	Minor Minor Minor Minor	Moderate Moderate Moderate Moderate	Major Major Major Major	x Replace x Replace Replace Replace x Replace	100%	\$178,027 \$178,027 \$0		the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu The sanitary waste system has reached is of life through the campus. Connections to the RTUs, are rusting and deteriorating. Suggest painting the piping inhibit rusting and possible failure and sta the roof coating.
D20: D20: D20: D20: D20: D20: D20: D20:	200 Domestic Water Dist 030 Sanitary Waste 040 Rain Water Drainage 090 Other Plumbing Syste	er NOT USED	100% 100% 100%	x None x None o None None x None	Minor Minor Minor Minor	Moderate Moderate Moderate Moderate	Major Major Major Major Major	x Replace x Replace Replace Replace x Replace x Replace	100% 100% 100%	\$178,027 \$178,027 \$0 \$59,342		the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu The sanitary waste system has reached is of life through the campus. Connections to the RTUs, are rusting and deteriorating. Suggest painting the piping inhibit rusting and possible failure and sta the roof coating. Water heaters in the buildings. There are
D20: D20: D20: D20: D20: D20: D20: D20:	2 020 Domestic Water Dist 030 Sanitary Waste 040 Rain Water Drainage 090 Other Plumbing Syste 090 Other Plumbing Syste	er NOT USED te Boiler (Water Heater) Air Handler (RTUs)	100% 100% 100%	x None x None o None None x None x None x None x None	Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major	x Replace x Replace Replace Replace x Replace x Replace x Replace x Replace x Replace	100% 100% 100%	\$178,027 \$178,027 \$0 \$59,342 \$237,370 \$178,027		the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu The sanitary waste system has reached is of life through the campus.
D20: D20: D20: D20: D20: D20: D20: D20:	2 020 Domestic Water Dist 030 Sanitary Waste 040 Rain Water Drainage 090 Other Plumbing Syste 090 Other Plumbing Syste	er NOT USED te Boiler (Water Heater) Air Handler (RTUs) Furnace	100% 100% 100%	x None x None 0 None None x None x None x None x None x None None	Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major	x Replace x Replace Replace Replace x Replace x Replace x Replace x Replace x Replace	100% 100% 100%	\$178,027 \$178,027 \$0 \$59,342 \$237,370 \$178,027 \$0		the restrooms are non compliant per AD/ The domestic waster distribution system reached its end of life through the campu. The sanitary waste system has reached is of life through the campus. Connections to the RTUs, are rusting and deteriorating. Suggest painting the pipin, inhibit rusting and possible failure and st the roof coating. Water heaters in the buildings. There are of 3 water heaters.
D20. D20 D20 D20 D20 D20 D20 D20 D20 D20 D20	2020 Domestic Water Dist 030 Sanitary Waste 040 Rain Water Drainage 090 Other Plumbing Syste 090 Energy Supply 010 Energy Supply	er NOT USED te Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger	100% 100% 100% 100%	x None x None o None None x None x None x None x None o None o None	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major	x Replace x Replace Replace x Replace x Replace x Replace x Replace x Replace x Replace Replace Replace	100% 100% 100% 100%	\$178,027 \$178,027 \$0 \$59,342 \$237,370 \$178,027 \$0 \$0		the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu The sanitary waste system has reached is of life through the campus.
D20. D20 D20 D20 D20 D20 D20 D20 D20 D20 D20	2020 Domestic Water Dist 030 Sanitary Waste 040 Rain Water Drainage 090 Other Plumbing Syste 090 Energy Supply 010 Energy Supply	er NOT USED te Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger y Component of air handler (RTU	100% 100% 100%	x None x None o None None x None x None x None x None o None x None x None	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major	<ul> <li>x Replace</li> <li>x Replace</li> <li>Replace</li> <li>Replace</li> <li>Replace</li> <li>x Replace</li> </ul>	100% 100% 100%	\$178,027 \$178,027 \$0 \$59,342 \$237,370 \$178,027 \$0 \$0 \$178,027		the restrooms are non compliant per ADA The domestic waster distribution system reached its end of life through the campu The sanitary waste system has reached is of life through the campus.
D20. D20 D20 D20 D20 D20 D20 D20 D20 D20 D20	2020 Domestic Water Dist 030 Sanitary Waste 040 Rain Water Drainage 090 Other Plumbing Syste 090 Energy Supply 010 Energy Supply	er NOT USED te Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger	100% 100% 100% 100%	x None x None o None None x None x None x None x None o None o None	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major	x Replace x Replace Replace x Replace x Replace x Replace x Replace x Replace x Replace Replace Replace	100% 100% 100% 100%	\$178,027 \$178,027 \$0 \$59,342 \$237,370 \$178,027 \$0 \$0		the restrooms are non compliant per ADA The domestic waster distribution system H reached its end of life through the campu. The sanitary waste system has reached is of life through the campus. Connections to the RTUS, are rusting and deteriorating. Suggest painting the piping inhibit rusting and possible failure and sta the roof coating. Water heaters in the buildings. There are of 3 water heaters. The units have reached their end of life. The units have reached their end of life.
D20. D20 D20 D20 D20 D20 D20 D20 D20 D20 D20	2020 Domestic Water Dist 030 Sanitary Waste 040 Rain Water Drainage 090 Other Plumbing Syste 090 Energy Supply 010 Energy Supply	er NOT USED te Boiler (Water Heater) Air Handler (RTUs) Furnace Heat Exchanger y Component of air handler (RTU	100% 100% 100% 100%	x None x None o None None x None x None x None x None o None x None x None	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	Major Major Major Major Major Major Major Major Major	<ul> <li>x Replace</li> <li>x Replace</li> <li>Replace</li> <li>Replace</li> <li>Replace</li> <li>x Replace</li> </ul>	100% 100% 100% 100%	\$178,027 \$178,027 \$0 \$59,342 \$237,370 \$178,027 \$0 \$0 \$178,027		the restrooms are non compliant per ADA The domestic waster distribution system H reached its end of life through the campu: The sanitary waste system has reached is of life through the campus. Connections to the RTUs, are rusting and deteriorating. Suggest painting the piping inhibit rusting and possible failure and sta the roof coating. Water heaters in the buildings. There are of 3 water heaters. The units have reached their end of life.

Cooperative Strategies School Facilities Assessment

		<b>—</b> 1	<b>—</b>	<u> </u>		**	-	
Hot water return & suppl	· ·	Minor	Moderate Major	Replace		\$0 \$0		
D3050 Terminal & Package U Above ceiling VAV unit In-room ventilator unit	o None	Minor Minor	Moderate Major Moderate Major	Replace		\$0		
In-room radiant unit		Minor		Replace		\$0		
D3060 Controls & Instrumentation	o None 100% x None	Minor	Moderate Major Moderate Major	Replace	100%	\$118,685		
				x Replace				The RTU units are not balanced.
D3070 Systems Testing & Balancing		Minor	Moderate Major	x Replace	100%	\$59,342	I.	The KTO units are not balanced.
D3090 Other HVAC Systems & NOT USED D40 Fire Protection	None	Minor	Moderate	Replace				
D4010 Sprinklers	o None	Minor	Moderate Major	Replace		\$0		
D4020 Standpipes	o None	Minor	Moderate Major	Replace		\$0		
D4030 Fire Protection Specialties	100% x None	Minor	Moderate Major	Replace		\$0		
D4090 Other Fire Protection SNOT USED	None	Minor	Moderate Major	Replace				
D50 Electrical			moderate	nepide				
								Electrical equipment and distribution has
					1 1			reached it end of life. Parts will be difficult
D5010 Electrical Service & Distribution	100% x None	Minor	Moderate Major	x Replace	100%	\$474,739	1	replace upon a failure.
								Lighting is not efficient, classrooms, offices
								exterior lighting does not comply with the
								current Title 24 for lighting and controls
								throughout the campus. No emergency light
								for egress lighting in the offices and portab
D5020 Lighting and Branch Wiring	100% x None	Minor	Moderate Major	x Replace	100%	\$712,109	I	evacuation.
D5030 Communications & Se Voice / Data System	100% x None	Minor	Moderate Major	Replace		\$0		
Clock / Intercom System		Minor	Moderate Major	Replace		\$0		
Closed Circuit Surveilland	ce 100% x None	Minor	Moderate Major	Replace		\$0		
Access Control System	o None	Minor	Moderate Major	Replace		\$0		
Intrusion Alarm System	o None	Minor	Moderate Major	Replace		\$0		
								Additional devices needed throughout the
								campus. Missing fire alarm devices and out
Fire Alarm / Detection	100% x None	Minor	Moderate Major	x Replace	100%	\$133,520	I	and damaged fire alarm devices.
								Lighting controls does not comply with the
								current Title 24 for lighting throughout the
Lighting Control System	100% x None	Minor	Moderate Major	x Replace	100%	\$59,342		campus.
D5090 Other Electrical Systen NOT USED	None	Minor	Moderate	Replace				
UIPMENT & FURNISHINGS								
E10 Equipment								
E1010 Commercial Equipmen Food Service	o None	Minor	Moderate Major	Replace		\$0		
Vocational	o None	Minor	Moderate Major	Replace		\$0		
E1020 Institutional Equipmen Science	o None	Minor	Moderate Major	Replace		\$0		
Art	o None	Minor	Moderate Major	Replace		\$0		
Stage Performance	o None	Minor	Moderate Major	Replace		\$0		
Restroom Accessories/St	talls 100% x None	Minor	Moderate Major	x Replace	100%	\$1,483,560	I	Not compliant with ADA
E1030 Vehicular Equipment NOT USED	None	Minor	Moderate Major	Replace				
E1090 Other Equipment NOT USED	None	Minor	Moderate Major	Replace				
E20 Furnishings	1000/					60		
E2010 Fixed Furnishings	100% x None	Minor	Moderate Major	Replace		\$0		
E2020 Movable Furnishings	100% x None	Minor	Moderate	Replace		\$0		
PECIAL CONSTRUCTION & DEMOLITION - NOT USED								
IILDING SITE WORK								
G10 Site Preparation NOT USED								

G20 Site Improvements

Cooperative Strategies School Facilities Assessment

	G2010 Roadways	5000 x None	Minor	Moderate	Major	Replace		\$0		
	G2020 Parking Lots	23626 x None	x Minor	Moderate	Major	Replace	100%	\$414,636	S	Slurry needed
										Paving reeds to be re-graded especially in front
	G2030 Pedestrian Paving	3500 x None	Minor	Moderate	Major	x Replace	51%	\$104,423	S	of superintendent/human resources
	G2040 Site Development	o None	Minor	Moderate	Major	Replace		\$0		
	G2050 Landscaping	o None	Minor	Moderate	Major	Replace		\$0		
G30 Sit	te Mechanical Utilities									•
										The domestic water has reached its end of life up
	G3010 Water Supply Domestic	100% x None	Minor	Moderate	Major	x Replace	100%	\$59,342	I	to the campus.
	Fire	o None	Minor	Moderate	Major	Replace		\$0		
										The sanitary sewer has reached its end of life up
	G3020 Sanitary Sewer	100% x None	Minor	Moderate	Major	x Replace	100%	\$59,342	I	to the campus.
	G3030 Storm Sewer	o None	Minor	Moderate	Major	Replace		\$0		
	G3040 Heating Distribution	o None	Minor	Moderate	Major	Replace		\$0		
	G3050 Cooling Distribution	o None	Minor	Moderate	Major	Replace		\$0		
	C C C C C C C C C C C C C C C C C C C				-					The fuel distribution (natural gas) has reached its
										end of life up to the campus. Gas line is
	G3060 Fuel Distribution	100% x None	Minor	Moderate	Major	x Replace	100%	\$59,342	I	deteriorating stubbing up into the gas meter.
	G3090 Other Site Mechanical NOT USED	None	Minor	Moderate	Major	Replace				·
G40 Sit	te Electrical Utilities							-		
										Electrical service up to the campus is insufficient
	G4010 Electrical Distribution Service	100% x None	Minor	Moderate	Major	x Replace	100%	\$178,027	1	for additional load added to the campus
	Generator	o None	Minor	Moderate	Major	Replace		\$0		
										Insufficient site lighting for security and site
	G4020 Site Lighting	100% x None	Minor	Moderate	Major	x Replace	100%	\$178,027	1	lighting control is not in compliant with Title 24.
								1		Site communication and security up to the
										campus is insufficient for additional load added
	G4030 Site Communications & Security	100% x None	Minor	Moderate	Major	x Replace	100%	\$118,685	1	to the campus
	G4090 Other Site Electrical UINOT USED	None	Minor	Moderate	Major	Replace				Ч
G90 Ot	ther Site Construction NOT USED				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
OTHER										
				Unit of		Unit				
Descrip	ption of System			Measure	Quantity	Budget		Extended		Notes
	No lightning protection system installed for the campus. Po	tential equipment damage ι	upon lightning							
	strikes.							\$0		
				┥┝━━━┥			1 '	\$0		
							1	\$0		
				┥┝━━━┥			1	\$0		
				1				\$0		+
				1				\$0		+
				1				\$0		+
	L				L		J .	ŶŬ		<u> </u>

Physical Condition Budget Sub-Total	\$8,592,978
Budgeted Development Costs	\$3,265,332
Physical Condition Budget TOTAL	\$11,858,310
Replacement Budget	\$12,463,936
Facility Condition Index (FCI)	95.1%

## LONG RANGE

## **FACILITIES PLAN**

SIERRA SANDS UNIFIED SCHOOL DISTRICT

**APPRENDIX B: ENROLLMENT REPORT 2019** 

# COMPLETE FINANCIAL & DEMOGRAPHIC PLANNING FOR EDUCATION

## SIERRA SANDS UNIFIED SCHOOL DISTRICT

## ENROLLMENT PROJECTIONS REPORT

## MAY 14, 2019

### **PREPARED FOR:**

Sierra Sands Unified School District 113 W. Felspar Avenue Ridgecrest, CA 93555 T 760.499.1600

## PREPARED BY:

**Cooperative Strategies** 3325 Hilliard Rome Road Hilliard, OH 43026 T 614.798.8828



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## ACKNOWLEDGMENTS

On behalf of Cooperative Strategies, we would like to extend our appreciation to the Sierra Sands Unified School District for the opportunity to assist them in developing this Enrollment Projections Report. As a planning team, we hope that this document will serve the Sierra Sands Unified School District for years to come.

### **COOPERATIVE STRATEGIES**

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SIERRA SANDS UNIFIED SCHOOL DISTRICT ENROLLMENT PROJECTIONS REPORT

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## **EXECUTIVE SUMMARY**

The enrollment projection for the Sierra Sands Unified School District included in this report was developed using the cohort survival methodology and Cooperative Strategies' custom enrollment projection software, S.T.E.P. [Student Trends & Enrollment Projections]. This custom software was developed in collaboration with The Ohio State University and is based on industry best practices as well as the national experience Cooperative Strategies has with schools, school districts, and state agencies.



The Sierra Sands Unified School District is a school district serving all of Indian Wells Valley. There are 5 elementary, 2 middle, and 1 high schools serving 5,118 students in the 2018-19 school year.

The projection presented in this report is meant to serve as a planning tool for the future, and represents the most likely direction of the District. The enrollment projection was developed based on students living within the 2018-19 attendance boundaries by analyzing the following data using the cohort survival methodology:

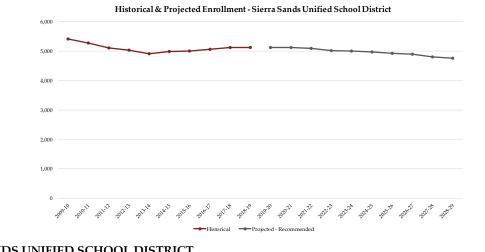
• Live birth data

Census data

• Historical enrollment by boundary, by grade

Building permits

Enrollment in the Sierra Sands Unified School District has decreased by 293 students since the 2009-10 school year. Based on the cohort survival methodology, enrollment is projected to decrease over the next ten years.



SIERRA SANDS UNIFIED SCHOOL DISTRICT ENROLLMENT PROJECTIONS REPORT

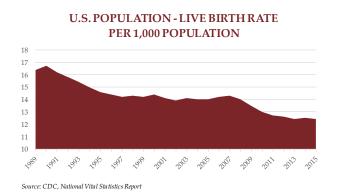
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As with any projection, the District should pay close attention to the variables associated with the determining enrollment projection discussed in this document. Any one or more of these factors can increase or decrease enrollment within the Sierra Sands Unified School District. It is recommended that the data contained in this report be reviewed on an annual basis to determine how more recent trends will impact both the enrollment and any new housing development.

### ENROLLMENT PROJECTION METHODOLOGY

### Introduction

Tracing the landscape of the country's public school enrollment back over the past fifty years reveals demographic, economic, and social changes. The United States as a whole continues to undergo major shifts in public student enrollment, due in large part to past events including the baby boom, the availability and use of birth control, and the development of suburbs. The baby boom of the late 1940s and 50s was followed by the baby bust of the 1960s and 70s. This gave rise to the echo baby boom of the 1980s.



### 4,500,000 4,000,000 Echo Echo Boom Bust 3,500,000 Bust 3,000,000 2,500,000 2,000,000 1970 1940 .95<sup>0</sup> 1960 2014 Source: CDC, National Vital Statistics Report

**U.S. TOTAL LIVE BIRTHS** 

Nationwide, districts have experienced the effects of the echo baby bust of the 1990s. From the 1950s to the 1970s, a dramatic downsizing of the family unit occurred. A direct result was the declining school enrollment of the 1970s and 1980s. As of the 2010 Census, the size of a family was at an all-time low of 3.14 persons. The live birth rate increased for the first time in several years in 1998 and increased again in 2000. However, the birth rate resumed a descending pattern in 2001 and reached an all-time low of 11.8 (per 1,000) in 2017.

When projecting future enrollments, it is vital to track the number of live births, the amount of new housing activity, and the change in household composition. In addition, any of the following factors could cause a significant change in projected student enrollment:

- Boundary adjustments
- New school openings
- Changes / additions in program offerings
- Preschool programs
- Change in grade configuration
- Interest rates / unemployment shifts
- Intra- and inter-district transfer

- Magnet / charter / private school opening or closure
- Zoning changes
- Unplanned new housing activity
- Planned, but not built, housing
- School voucher programs
- School closures

Obviously, certain factors can be gauged and planned for far better than others. For instance, it may be relatively straightforward to gather housing data from local builders regarding the total number of lots in a planned subdivision and calculate the potential student yield. However, planning for changes in the unemployment rate, and how these may either boost or reduce public school enrollment, proves more difficult. In any case, it is essential to gather a wide variety of information in preparation for producing enrollment projections.

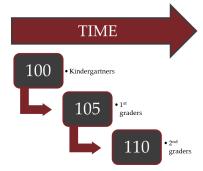
When looking ahead at a school district's enrollment over the next two, five, or ten years, it is helpful to approach the process from a global perspective. For example: How many new homes have been constructed each year? How many births have occurred each year in relation to the resident population? Is housing experiencing a turnover—if so, what is the composition of families moving in/out? Are more or less students attending private school or being home-schooled? What has the unemployment rate trend been over the past ten years? What new educational policies are in place that could affect student enrollment figures?

The cohort survival methodology is often used to answer these questions and is standard throughout the educational planning industry. The enrollment projection developed for the Sierra Sands Unified School District was developed using the cohort survival method.

### **Cohort Survival Method**

The cohort survival methodology (sometimes referred to as the grade progression ratio method) is a widely used enrollment projection model that is used by many school districts and state and federal agencies to project K-12 enrollment.

A cohort is a group of persons [in this case, students]. The cohort survival enrollment projection methodology uses historic live birth data and historic student enrollment to "age" a known population or cohort throughout the school grades. For instance, a cohort begins when a group of kindergarteners enrolls in grade K and moves to first grade the following year, second grade the next year, and so on.



A "survival ratio" is developed to track how this group of students increased or decreased in number as they moved through the grade levels. By developing survival ratios for each grade transition [i.e. 2nd to 3rd grade] over a ten year period of time, patterns emerge. A projection ratio for each grade transition is developed based on analysis of the survival ratios. The projections are used as a multiplier in determining future enrollment.

For example, if student enrollment has consistently increased from the 8th to the 9th grade over the past ten years, the survival ratio would be greater than 100% and could be multiplied by the current 8th grade to develop a projection for next year's 9th grade. This methodology can be carried through to develop ten years of projection figures. Because there is not a grade cohort to follow for students coming into kindergarten, resident live birth counts are used to develop a birth-to-kindergarten survival ratio. Babies born five years previous to the kindergarten class are compared in number, and a ratio can be developed to project future kindergarten enrollments.

The cohort survival method is useful in areas where population is stable [relatively flat, growing steadily, or declining steadily], and where there have been no significant fluctuations in enrollment, births, and housing patterns from year to year. The cohort survival methodology inherently considers the net effects of factors such as migration, housing, dropouts, transfers to and from charter schools, open enrollment, and deaths. This methodology does not assume changes in policies, program offerings, or future changes in housing and migration patterns.

## **U.S. CENSUS**

According to the U.S. Census Bureau, the population in Kern County increased from 661,645 to 839,631, or approximately 27 percent, between the 2000 and 2010 Census.

In terms of school-aged children [5-19], the population increased by 33,233, or approximately 19 percent. The under-age -5 population increased from 55,707 to 72,885, or approximately 31 percent.

The median age of a Kern County resident is 30.7, an increase of 0.1 years since the 2000 Census.

The average household size increased from 3.03 to 3.15. The average family size increased from 3.5 to 3.61.

The number of total housing units increased in tandem with the number of occupied and vacant housing units.

The table to the right provides a comparison of the 2000 and 2010 U.S. Census data.

### KERN COUNTY U.S. CENSUS

U.S. CENSUS		
Subject	2000	2010
Total population	661,645	839,631
SEX AND AGE		
Male	339,382	433,108
Female	322,263	406,523
Under 5 years	55,707	72,885
5 to 19 years	176,427	209,660
20 to 64 years	367,457	481,649
65 years and over	62,054	75,437
Median age (years)	30.6	30.7
RACE	•	
One Race	95.9%	95.5%
White	61.6%	59.5%
Black or African American	6.0%	5.8%
American Indian and Alaska Native	1.5%	1.5%
Asian	3.4%	4.2%
Native Hawaiian and Other Pacific Islander	0.1%	0.1%
Some Other Race	23.2%	24.3%
Two or More Races	4.1%	4.5%
Hispanic or Latino	38.4%	49.2%
DEMOGRAPHICS		
Average household size	3.03	3.15
Average family size	3.50	3.61
HOUSING OCCUPANCY		
Total housing units	231,564	284,367
Occupied housing units	208,652	254,610
Vacant housing units	22,912	29,757

Source: U.S. Census

According to the U.S. Census Bureau, the population in Ridgecrest City increased from 24,927 to 27,616, or approximately 11 percent, between the 2000 and 2010 Census.

In terms of school-aged children [5-19], the population decreased by 26, or less than 1 percent. The under-age -5 population increased from 1,845 to 2,265, or approximately 23 percent.

The median age of a Ridgecrest City resident is 33.8, a decrease of 1.7 years since the 2000 Census.

The average household size increased from 2.51 to 2.54. The average family size increased from 3.06 to 3.1.

The number of total and occupied housing units increased while the number of vacant housing units decreased.

The table to the right provides a comparison of the 2000 and 2010 U.S. Census data.

U.S. CENSUS Subject	2000	2010
	2000	2010
Total population	24 027	27,616
	24,927	27,010
SEX AND AGE		
Male	12,441	13,832
Female	12,486	13,784
Under 5 years	1,845	2,265
5 to 19 years	6,111	6,085
20 to 64 years	14,148	15,849
65 years and over	2,823	3,417
Median age (years)	35.5	33.8
RACE		
One Race	96.0%	94.3%
White	82.0%	77.4%
Black or African American	3.5%	4.0%
American Indian and Alaska Native	1.1%	1.2%
Asian	3.9%	4.4%
Native Hawaiian and Other Pacific Islander	0.6%	0.5%
Some Other Race	4.9%	6.6%
Two or More Races	4.0%	5.7%
Hispanic or Latino	12.0%	17.9%
DEMOGRAPHICS		
Average household size	2.51	2.54
Average family size	3.06	3.10
HOUSING OCCUPANCY		
Total housing units	11,309	11,915
Occupied housing units	9,826	10,781
Vacant housing units	1,483	1,134

Source: U.S. Census

According to the U.S. Census Bureau, the population in China Lake Acres CDP increased from 1,761 to 1,876, or approximately 7 percent, between the 2000 and 2010 Census.

In terms of school-aged children [5-19], the population decreased by 56, or approximately 14 percent. The under-age -5 population increased from 92 to 121, or approximately 32 percent.

The median age of a China Lake Acres CDP resident is 44, an increase of 3.2 years since the 2000 Census.

The average household size decreased from 2.51 to 2.48. The average family size remained the same at 2.95.

The number of total and occupied housing units increased while the number of vacant housing units decreased.

The table to the right provides a comparison of the 2000 and 2010 U.S. Census data.

CHINA LAKE ACRES CDP U.S. CENSUS				
Subject	2000	2010		
Total population	1,761	1,876		
SEX AND AGE				
Male	884	948		
Female	877	928		
Under 5 years	92	121		
5 to 19 years	397	341		
20 to 64 years	979	1,101		
65 years and over	293	313		
Median age (years)	40.8	44.0		
RACE				
One Race	96.5%	94.5%		
White	89.5%	85.3%		
Black or African American	1.2%	1.9%		
American Indian and Alaska Native	0.8%	1.5%		
Asian	0.9%	0.9%		
Native Hawaiian and Other Pacific Islander	0.2%	0.4%		
Some Other Race	3.9%	4.5%		
Two or More Races	3.5%	5.5%		
Hispanic or Latino	9.4%	14.1%		
DEMOGRAPHICS	0.51	0.10		
Average household size	2.51	2.48		
Average family size	2.95	2.95		
HOUSING OCCUPANCY	0.477	000		
Total housing units	847	855		
Occupied housing units	702	755		
Vacant housing units	145	100		

Source: U.S. Census

According to the U.S. Census Bureau, the population in Inyokern CDP increased from 984 to 1099, or approximately 12 percent, between the 2000 and 2010 Census.

In terms of school-aged children [5-19], the population decreased by 14, or approximately 7 percent. The under-age-5 population remained the same at 49.

The median age of a Inyokern CDP resident is 48.2, an increase of 6.1 years since the 2000 Census.

The average household size decreased from 2.35 to 2.27. The average family size increased from 2.96 to 3.01.

The number of total and occupied housing units increased while the number of vacant housing units decreased.

The table to the right provides a comparison of the 2000 and 2010 U.S. Census data.

INYOKERN CDP U.S. CENSUS		
Subject	2000	2010
Total population	984	1,099
SEX AND AGE		
Male	502	572
Female	482	527
Under 5 years	49	49
5 to 19 years	213	49 199
20 to 64 years	595	655
65 years and over	127	196
05 years and over	127	190
Median age (years)	42.1	48.2
RACE		
One Race	96.2%	95.0%
White	87.7%	84.6%
Black or African American	0.4%	1.3%
American Indian and Alaska Native	4.9%	2.2%
Asian	2.2%	2.3%
Native Hawaiian and Other Pacific Islander	0.0%	0.2%
Some Other Race	1.0%	4.5%
Two or More Races	3.8%	5.0%
Hispanic or Latino	6.5%	10.6%
DEMOGRAPHICS		
Average household size	2.35	2.27
Average family size	2.96	3.01
HOUSING OCCUPANCY		
Total housing units	519	537
Occupied housing units	418	484
Vacant housing units	101	53
		50

Source: U.S. Census

According to the U.S. Census Bureau, the population in Johannesburg CDP decreased from 176 to 172, or approximately 2 percent, between the 2000 and 2010 Census.

In terms of school-aged children [5-19], the population decreased by 9, or approximately 30 percent. The under-age -5 population decreased from 7 to 4, or approximately 43 percent.

The median age of a Johannesburg CDP resident is 55, an increase of 6.7 years since the 2000 Census.

The average household size decreased from 2.07 to 1.81. The average family size increased from 2.7 to 2.76.

The number of total and occupied housing units increased while the number of vacant housing units decreased.

The table to the right provides a comparison of the 2000 and 2010 U.S. Census data.

JOHANNESBURG CDP U.S. CENSUS					
Subject	2000	2010			
Total population	176	172			
SEX AND AGE					
Male	86	90			
Female	90	82			
Under 5 years	7	4			
5 to 19 years	30	21			
20 to 64 years	101	101			
65 years and over	38	46			
Median age (years)	48.3	55.0			
RACE					
One Race	96.0%	95.3%			
White	91.5%	88.4%			
Black or African American	0.6%	1.2%			
American Indian and Alaska Native	1.1%	1.2%			
Asian	0.0%	4.7%			
Native Hawaiian and Other Pacific Islander	0.0%	0.0%			
Some Other Race	2.8%	0.0%			
Two or More Races	4.0%	4.7%			
Hispanic or Latino	5.7%	4.7%			
DEMOGRAPHICS					
Average household size	2.07	1.81			
Average family size	2.70	2.76			
HOUSING OCCUPANCY					
Total housing units	133	139			
Occupied housing units	85	95			
Vacant housing units	48	93 44			
	40	44			

Source: U.S. Census

According to the U.S. Census Bureau, the population in Kernville CDP decreased from 1,736 to 1,395, or approximately 20 percent, between the 2000 and 2010 Census.

In terms of school-aged children [5-19], the population decreased by 173, or approximately 54 percent. The under-age -5 population increased from 59 to 60, or approximately 2 percent.

The median age of a Kernville CDP resident is 55.8, an increase of 3.7 years since the 2000 Census.

The average household size decreased from 1.99 to 1.92. The average family size remained the same at 2.5.

The number of total housing units decreased in tandem with the number of occupied and vacant housing units.

The table to the right provides a comparison of the 2000 and 2010 U.S. Census data.

KERNVILLE CDP U.S. CENSUS		
Subject	2000	2010
Total population	1,736	1,395
SEX AND AGE		
Male	916	688
Female	820	707
Under 5 years	59	60
5 to 19 years	319	146
20 to 64 years	827	770
65 years and over	531	419
Median age (years)	52.1	55.8
RACE		
One Race	96.8%	94.4%
White	90.6%	90.1%
Black or African American	1.2%	0.1%
American Indian and Alaska Native	2.1%	1.4%
Asian	0.7%	0.5%
Native Hawaiian and Other Pacific Islander	0.1%	0.0%
Some Other Race	2.2%	2.4%
Two or More Races	3.2%	5.6%
Hispanic or Latino	8.2%	5.9%
DEMOGRAPHICS		
Average household size	1.99	1.92
Average family size	2.50	2.50
	2.50	2.50
HOUSING OCCUPANCY		
Total housing units	1,210	1,072
Occupied housing units	800	723
Vacant housing units	410	349

Source: U.S. Census

## **GENERAL DEMOGRAPHICS**

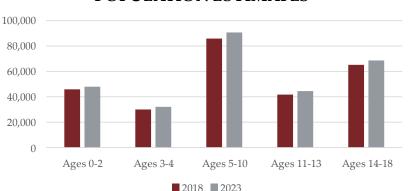
The following information represents block group estimates and projections created from market research and U.S. Census data obtained from the Environmental Systems Research Institute [ESRI]. ESRI provides a yearly update to their demographic data in increments of five years. To make updates to their demographic data set, they use American Community Survey [ACS] data that takes a series of monthly sample surveys but only from areas with populations of 65,000 or more. One year of ACS data is a period estimate as a twelve-month average, rather than a single point in time.

According to the ESRI estimates, the total population of Kern County, California is projected to increase over the next five years. As illustrated in the table below, the number of children, ages 5-18, is projected to increase by 10,527 children.

Age	2018	2023
Ages 0-2	45,622	47,963
Ages 3-4	30,272	31,866
Ages 5-10	85,931	90,469
Ages 11-13	41,395	44,269
Ages 14-18	65,191	68,306
Ages 5-18	192,517	203,044
Total Population	902,474	946,722

### KERN COUNTY POPULATION ESTIMATES

Source: ESRI BIS



## KERN COUNTY POPULATION ESTIMATES

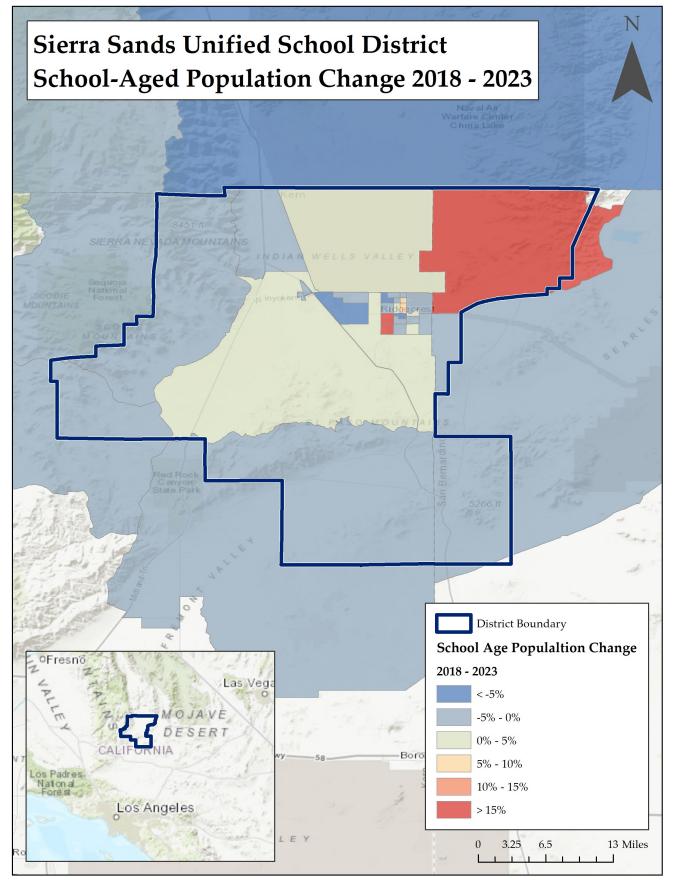
### SIERRA SANDS UNIFIED SCHOOL DISTRICT ENROLLMENT PROJECTIONS REPORT

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# SIERRA SANDS UNIFIED SCHOOL DISTRICT ESTIMATED SCHOOL AGED POPULATION GROWTH 2018-2023

The map on the following page shows school age population change in the U.S. Census block groups within / around the Sierra Sands Unified School District boundary. Population changes are based on 2018 and 2023 estimates.

A block group is defined by the U.S. Census Bureau as, "a statistical division of a census tract, generally defined to contain between 600 and 3,000 people and 240 and 1,200 housing units, and the smallest geographic unit for which the Census Bureau tabulates sample data."



# HOUSING DATA

Housing development and building permits are tracked to determine their effect on student enrollment. The tables and graphs below illustrates the number of single- and multi-family building permits issued in Ridgecrest and Kern County since 2000.

	BUILDING PER	MITS
Year	Single-Family	Multi-Family
2000	11	0
2001	12	0
2002	12	0
2003	13	0
2004	14	0
2005	15	0
2006	11	0
2007	48	80
2008	29	63
2009	36	0
2010	38	0
2011	51	0
2012	31	32
2013	8	0
2014	8	0
2015	21	0
2016	60	0
2017	63	0

**RIDGECREST, CA** 

KERN COUNTY BUILDING PERMITS

BUILDING PERMITS											
Year	Single-Family	Multi-Family									
2000	2,862	208									
2001	3,408	86									
2002	4,496	13									
2003	5,546	267									
2004	6,174	620									
2005	7,666	1,191									
2006	5,731	1,260									
2007	3,318	884									
2008	1,610	983									
2009	1,585	192									
2010	1,211	445									
2011	712	257									
2012	1,428	577									
2013	1,795	523									
2014	1,885	412									
2015	2,098	102									
2016	2,141	115									
2017	2,378	262									
2018*	1,607	215									

 $Source: SOCDS \ Building \ Permits \ Database$ 

Source: SOCDS Building Permits Database

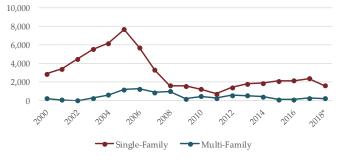
\*preliminary



**RIDGECREST, CA** 

### SIERRA SANDS UNIFIED SCHOOL DISTRICT ENROLLMENT PROJECTIONS REPORT

### KERN COUNTY BUILDING PERMITS



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## **RESIDENT LIVE BIRTH DATA**

Utilization of resident live birth data is recommended when projecting future kindergarten enrollments. This data provides a helpful overall trend. Large bubbles in birth counts, either up or down, can also be planned for or anticipated by the District.

In addition, the live birth counts are used in determining a birth-to-kindergarten and birth-to-first grade survival ratio. This ratio identifies the percentage of children born in a representative area who attend kindergarten and first grade in the District five and six years later. The survival ratios for birth-to-kindergarten, birth-to-first grade, as well as grades 1-12 can be found on the page 15 of this report.

Data is arranged by the residence of the mother. For example, if a mother lives in Kern County but delivers her baby in Los Angeles County, the birth is counted in Kern County. Live birth counts are different from live birth rates. The live birth count is simply the actual number of live births. A birth rate is the number of births per 1,000 women in a specified population group.

The table and graph include the resident live birth counts for zip codes 93255, 93283, 93505, 93519, 93527, 93528, 93554, and 93555. Upon analysis of the map on the following page, only live birth counts for zip codes 93527 and 93555 were used in the development of the enrollment projection.

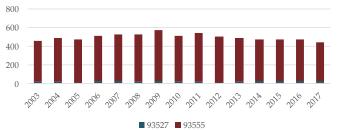
	]	RESIDE	NT LIV	E BIRTI	H COUN	NTS		
Year	93255	93283	93505	93519	93527	93528	93554	93555
2003	0	5	111	0	16	0	0	441
2004	0	10	130	0	17	0	0	470
2005	0	14	139	0	11	0	0	464
2006	0	18	178	0	27	0	0	484
2007	0	18	171	0	23	0	0	508
2008	5	20	181	0	20	0	0	509
2009	0	19	181	0	25	0	0	551
2010	0	13	173	0	19	0	0	490
2011	0	13	177	0	18	0	0	526
2012	5	16	192	0	15	0	0	493
2013	0	10	196	0	16	0	0	470
2014	3	19	178	0	23	0	0	452
2015	0	18	193	0	27	0	0	448
2016	0	12	179	0	23	0	0	452
2017	4	18	179	1	23	1	0	421

#### SIERRA SANDS UNIFIED SCHOOL DISTRICT RESIDENT LIVE BIRTH COUNTS

Source: California Department of Public Health

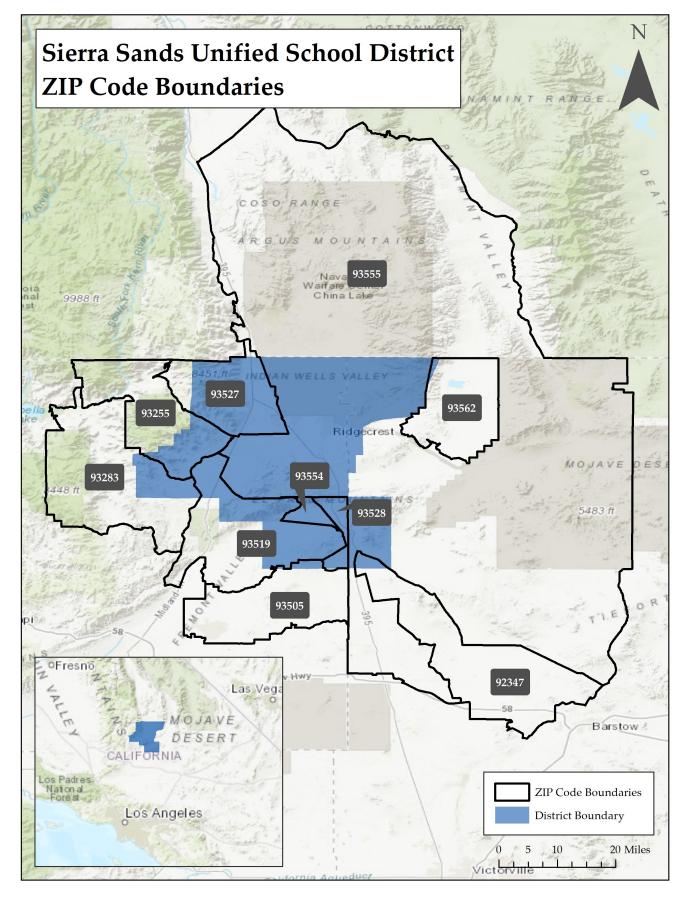
### SIERRA SANDS UNIFIED SCHOOL DISTRICT ENROLLMENT PROJECTIONS REPORT

### SIERRA SANDS UNIFIED SCHOOL DISTRICT ZIP CODES RESIDENT LIVE BIRTH COUNTS



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### SURVIVAL RATIOS

The chart below demonstrates the ten-year changes in enrollment as students move through the system. Percentages greater than 100 indicate that there are more students than there were in the previous grade the previous year. In other words, there was an increase in student population where new students were added to the system. Percentages less than 100 indicate that there was decline or students left the system. If the exact number of students in 1st grade during the 2010-11 school year were present in 2nd grade for the 2011-12 school year, the survival ratio would be 100 percent.

Birth-to-Kindergarten and Birth-to-First Grade: This ratio indicates the number of children born in the area who attend kindergarten and first grade in the District five and six years later. What is important to note is the trend in survival ratios, not necessarily the actual number.

Grades 8 to 9: The higher than usual percentage is a result of school district promotion policies. Often in school districts, students are promoted from 8th to 9th grade and after one year in 9th grade do not have sufficient credits to be classified as a 10th grader and are counted again as 9th graders the following year. There may also be students who are attending private or charter schools or are home schooled through grade 8 and then attend public schools for high school education.

 over the past ten years by grade level.

 survival Ratios - District-wide

 from
 to
 Birth to K
 K to 1
 Birth to 1
 1 to 2
 2 to 3
 3 to 4
 4 to 5
 5 to 6
 6 to 7
 7 to 8
 8 to 9
 9 to 10
 10 to 11
 11 to 12

 2009
 2010
 83.79%
 107.13%
 95.69%
 86.60%
 98.21%
 95.06%
 93.99%
 100.28%
 99.49%
 103.02%
 103.89%
 91.18%
 94.29%
 98.16%

 2010
 2011
 82.00%
 107.54%
 90.11%
 87.55%
 94.29%
 96.88%
 98.21%
 94.68%
 96.67%
 103.41%
 95.32%
 91.60%
 98.48%

The following table illustrates the historical survival ratios in the Sierra Sands Unified School District

from	to	Birth to K	K to 1	Birth to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12
2009	2010	83.79%	107.13%	95.69%	86.60%	98.21%	95.06%	93.99%	100.28%	99.49%	103.02%	103.89%	91.18%	94.29%	98.16%
2010	2011	82.00%	107.54%	90.11%	87.55%	94.59%	94.29%	96.88%	98.21%	94.68%	96.67%	103.41%	95.32%	91.60%	98.48%
2011	2012	77.97%	99.28%	81.41%	92.99%	100.00%	98.70%	98.62%	98.66%	100.26%	101.18%	109.02%	88.21%	96.07%	100.83%
2012	2013	77.88%	94.93%	74.01%	93.27%	94.72%	97.30%	97.89%	98.60%	96.20%	97.14%	107.02%	95.86%	98.13%	84.40%
2013	2014	79.51%	90.29%	70.32%	95.93%	95.88%	97.88%	100.00%	102.96%	101.70%	99.72%	107.22%	94.26%	96.70%	102.72%
2014	2015	71.71%	90.17%	71.70%	101.08%	95.23%	100.27%	100.54%	103.02%	100.52%	96.66%	111.61%	94.76%	101.74%	98.69%
2015	2016	71.69%	104.11%	74.66%	99.76%	97.07%	105.01%	100.00%	97.04%	99.76%	101.56%	113.83%	98.98%	96.84%	101.42%
2016	2017	77.17%	103.59%	74.26%	103.42%	95.39%	100.82%	103.18%	100.80%	100.28%	100.74%	106.91%	100.25%	95.90%	98.10%
2017	2018	69.96%	100.51%	77.56%	98.27%	96.69%	105.09%	100.00%	100.51%	99.20%	103.88%	109.49%	100.00%	95.20%	96.26%
mean simple a	ill years	76.85%	99.73%	78.86%	95.43%	96.42%	99.38%	99.01%	100.01%	99.12%	100.06%	108.04%	95.43%	96.27%	97.67%
std. dev. simp	le all years	4.80%	6.65%	8.69%	5.85%	1.79%	3.85%	2.59%	2.08%	2.24%	2.72%	3.37%	4.02%	2.76%	5.36%
mean simple 5	years	74.01%	97.74%	73.70%	99.69%	96.05%	101.81%	100.75%	100.87%	100.29%	100.51%	109.81%	97.65%	97.28%	99.44%
std. dev. simp	le 5 years	4.10%	6.99%	2.81%	2.83%	0.81%	3.16%	1.38%	2.44%	0.94%	2.64%	2.95%	2.91%	2.58%	2.61%
mean simple 3	years	72.94%	102.74%	75.49%	100.48%	96.38%	103.64%	101.06%	99.45%	99.75%	102.06%	110.08%	99.75%	95.98%	98.59%
std. dev. simp	le 3 years	3.76%	1.95%	1.80%	2.65%	0.88%	2.44%	1.84%	2.10%	0.54%	1.63%	3.50%	0.67%	0.82%	2.62%
mean simple 2	years	73.56%	102.05%	75.91%	100.84%	96.04%	102.96%	101.59%	100.66%	99.74%	102.31%	108.20%	100.13%	95.55%	97.18%
std. dev. simp	le 2 years	5.10%	2.18%	2.33%	3.64%	0.92%	3.02%	2.25%	0.21%	0.76%	2.22%	1.83%	0.18%	0.49%	1.30%
mean weighte	d all years	73.88%	99.87%	75.79%	98.90%	96.24%	102.08%	100.44%	100.27%	99.63%	101.15%	109.27%	98.07%	96.48%	97.83%
std. dev. weig	hted all years	4.16%	5.40%	4.51%	3.99%	1.15%	3.35%	1.89%	1.94%	1.39%	2.61%	2.78%	3.20%	2.20%	3.95%
mean weighte	d 5 years	72.37%	100.87%	75.84%	99.86%	96.30%	103.52%	100.84%	100.38%	99.69%	102.27%	109.41%	99.49%	95.99%	97.66%
std. dev. weig	hted 5 years	3.62%	4.00%	2.29%	2.53%	0.74%	2.48%	1.54%	1.57%	0.68%	2.25%	2.34%	1.71%	1.70%	2.11%
mean weighte	d 3 years	71.29%	101.19%	76.87%	99.23%	96.48%	104.34%	100.56%	100.43%	99.41%	103.24%	109.21%	100.00%	95.39%	96.78%
std. dev. weig	hted 3 years	3.34%	1.60%	1.62%	2.39%	0.62%	1.99%	1.48%	0.85%	0.51%	1.52%	1.66%	0.28%	0.48%	1.43%
mean weighte	d 2 years	70.30%	100.66%	77.40%	98.51%	96.63%	104.89%	100.15%	100.53%	99.25%	103.73%	109.37%	100.01%	95.24%	96.34%
std dev weig	hted 2 years	2.17%	0.93%	0.99%	1.55%	0.39%	1.29%	0.96%	0.09%	0.32%	0.95%	0.78%	0.08%	0.21%	0.55%

# SIERRA SANDS UNIFIED SCHOOL DISTRICT HISTORICAL ENROLLMENT

As indicated in the table below, over the past ten years, student enrollment in the Sierra Sands Unified School District has decreased by 293 students.

Historical Enrollment - District-wic	le									
Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
SPED PS	NA	NA	NA	NA	NA	NA	43	37	34	NA
TK	NA	NA	NA	NA	NA	NA	64	55	49	82
K	435	398	419	414	412	458	365	390	392	340
1	470	466	428	416	393	372	413	380	404	394
2	392	407	408	398	388	377	376	412	393	397
3	405	385	385	408	377	372	359	365	393	380
4	416	385	363	380	397	369	373	377	368	413
5	356	391	373	358	372	397	371	373	389	368
6	392	357	384	368	353	383	409	360	376	391
7	398	390	338	385	354	359	385	408	361	373
8	411	410	377	342	374	353	347	391	411	375
9	431	427	424	411	366	401	394	395	418	450
10	420	393	407	374	394	345	380	390	396	418
11	435	396	360	391	367	381	351	368	374	377
12	431	427	390	363	330	377	376	356	361	360
SELPA non-district Infant/Toddler	NA	7	9	3	NA	NA	3	11	6	NA
SELPA non-district	19	40	38	23	33	39	NA	NA	4	NA
Grand Total	5,411	5,279	5,103	5,034	4,910	4,983	5,009	5,068	5,129	5,118

Source: Sierra Sands Unified School District

#### Historical Enrollment - District-wide

Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
SPED PS	NA	NA	NA	NA	NA	NA	43	37	34	NA
TK/K - 5	2,474	2,432	2,376	2,374	2,339	2,345	2,321	2,352	2,388	2,374
6 - 8	1,201	1,157	1,099	1,095	1,081	1,095	1,141	1,159	1,148	1,139
9 - 12	1,717	1,643	1,581	1,539	1,457	1,504	1,501	1,509	1,549	1,605
Other	19	47	47	26	33	39	3	11	10	0
TK/K - 12	5,392	5,232	5,056	5,008	4,877	4,944	4,963	5,020	5,085	5,118
Grand Total	5,411	5,279	5,103	5,034	4,910	4,983	5,009	5,068	5,129	5,118

Source: Sierra Sands Unified School District

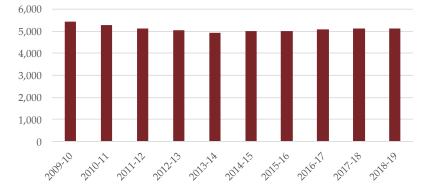
The varying shades of color in the table represent significant cohort sizes. The darker blue represents smaller cohorts, while the darker red represents larger cohorts, comparatively.

#### Historical Enrollment - by Boundary

Boundary	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Trend
Faller ES	651	652	638	632	625	609	589	588	596	575	</td
Gateway ES	401	395	359	331	358	361	378	369	390	364	$\sim$
Inyokern ES	288	268	308	290	267	268	265	288	274	258	$\sim \sim$
Las Flores ES	425	410	388	445	433	463	449	445	462	430	$\sim$
Pierce ES	311	333	301	297	302	312	325	312	314	329	$\sim$
Richmond ES	414	418	426	401	382	371	358	397	396	418	$\langle \rangle$
James Monroe MS	557	544	511	516	527	528	572	563	518	508	$\sim$
Murray MS	644	613	588	578	551	566	567	594	629	631	$\mathbf{i}$
Burroughs HS	1,712	1,640	1,580	1,535	1,455	1,501	1,500	1,507	1,548	1,604	$\langle$
Unmatched	0	0	0	1	2	0	0	0	0	0	
Out of District	8	6	4	8	8	4	6	5	2	1	$\sim \sim$
Total	5,411	5,279	5,103	5,034	4,910	4,983	5,009	5,068	5,129	5,118	And and a second

Source: Sierra Sands Unified School District

## HISTORICAL ENROLLMENT -DISTRICT-WIDE



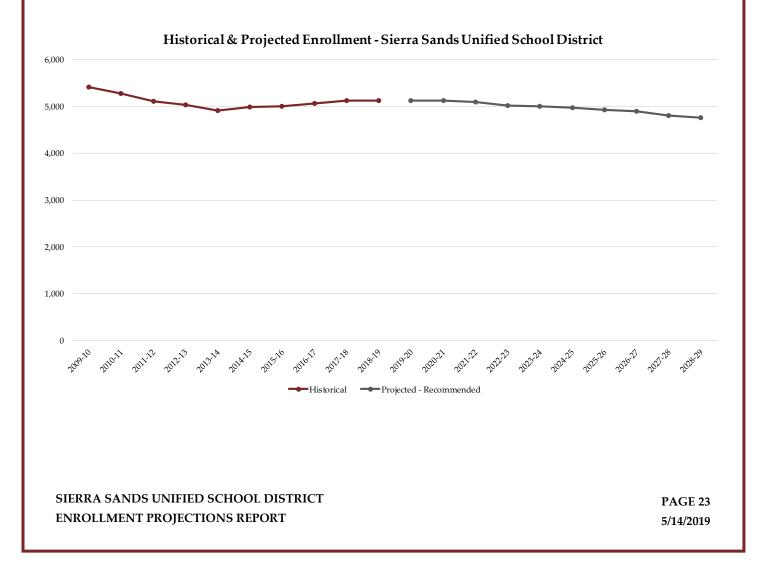
### SIERRA SANDS UNIFIED SCHOOL DISTRICT ENROLLMENT PROJECTIONS REPORT

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# **PROJECTED ENROLLMENT**

Cooperative Strategies developed recommended enrollment projections for the Sierra Sands Unified School District. The recommended enrollment projection is based on a detailed analysis of historical enrollment and resulting survival ratios over the past 10 years. Significant shifts in survival ratio patterns are realized and accounted for in determining projection ratios independently for each grade level. The projection illustrates the most likely direction of the District based on more recent trends.

It should be noted that actual live birth counts are available through 2017 and project kindergarten enrollment through 2023-24. To project kindergarten through 2028-29, an average of the last 3 years of live birth counts was used. TK enrollment is kept flat at the current amount of 82 students.



# SIERRA SANDS UNIFIED SCHOOL DISTRICT PROJECTED ENROLLMENT-RECOMMENDED

Based on the recommended projected enrollment, the student enrollment in the Sierra Sands Unified School District is projected to decrease from 5,118 in 2018-19 to 4,765 students in 2028-29.

Projected Enrol	liment - Kee	commended	1 - District-	wide						
Grade	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
TK	82	82	82	82	82	82	82	82	82	82
K	344	339	344	320	334	334	334	334	334	334
1	344	347	346	347	324	338	338	338	338	338
2	401	350	353	352	353	328	344	344	344	344
3	388	388	339	342	339	342	319	333	333	333
4	390	399	402	349	351	349	351	328	343	343
5	417	396	403	407	353	354	353	354	331	348
6	367	414	389	402	399	352	352	349	352	329
7	390	365	416	387	403	401	348	352	349	352
8	379	400	373	422	396	413	404	355	357	355
9	414	415	438	409	463	431	454	437	385	390
10	443	405	407	430	401	454	425	446	431	380
11	405	427	391	393	417	387	438	411	429	417
12	366	396	417	382	385	410	380	428	401	420
Grand Total	5,130	5,123	5,100	5,024	5,000	4,975	4,922	4,891	4,809	4,765

### Projected Enrollment - Recommended - District-wide

Source: Cooperative Strategies

#### Projected Enrollment - Recommended - District-wide

Grade	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
TK/K - 5	2,366	2,301	2,269	2,199	2,136	2,127	2,121	2,113	2,105	2,122
6 - 8	1,136	1,179	1,178	1,211	1,198	1,166	1,104	1,056	1,058	1,036
9 - 12	1,628	1,643	1,653	1,614	1,666	1,682	1,697	1,722	1,646	1,607
TK/K - 12	5,130	5,123	5,100	5,024	5,000	4,975	4,922	4,891	4,809	4,765
Grand Total	5,130	5,123	5,100	5,024	5,000	4,975	4,922	4,891	4,809	4,765

Source: Cooperative Strategies

The varying shades of color in the table represent significant cohort sizes. The darker blue represents smaller cohorts, while the darker red represents larger cohorts, comparatively.

SIERRA SANDS UNIFIED SCHOOL DISTRICT ENROLLMENT PROJECTIONS REPORT

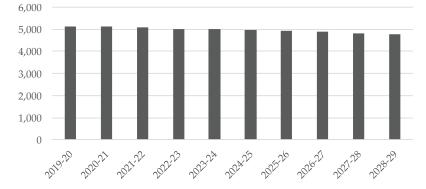
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#### Projected Enrollment - Recommended - by Boundary

Boundary	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	Trend
Faller ES	584	561	569	541	528	533	531	529	527	531	~
Gateway ES	360	355	343	334	329	330	329	328	327	329	$\overline{}$
Inyokern ES	239	228	221	205	207	206	205	204	203	205	~
Las Flores ES	419	409	395	386	373	376	375	374	374	376	
Pierce ES	343	344	344	349	345	332	331	329	327	331	$\overline{}$
Richmond ES	421	404	397	384	354	350	350	349	347	350	<
James Monroe MS	495	525	521	546	538	524	496	479	479	470	$\sim$
Murray MS	641	654	657	665	660	642	608	577	579	566	
Burroughs HS	1,628	1,643	1,653	1,614	1,666	1,682	1,697	1,722	1,646	1,607	$\sim \sim$
Total	5,130	5,123	5,100	5,024	5,000	4,975	4,922	4,891	4,809	4,765	- All Contractions

Source: Cooperative Strategies

## PROJECTED ENROLLMENT -RECOMMENDED - DISTRICT-WIDE



### SIERRA SANDS UNIFIED SCHOOL DISTRICT ENROLLMENT PROJECTIONS REPORT

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# ENROLLMENT BY SCHOOL

The following pages illustrate historical and projected enrollment by school.

Faller ES	27
Gateway ES	
Inyokern ES	29
Las Flores ES	
Pierce ES	31
Richmond ES	
James Monroe MS	
Murray MS	
Burroughs HS	
Unmatched	
Out of District	

# FALLER ES

#### Historical Enrollment - Faller ES Boundary

Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
SPED PS	0	0	0	0	0	0	16	13	14	0
TK	0	0	0	0	0	0	16	11	12	20
К	119	104	108	106	108	124	86	107	92	81
1	124	122	101	97	102	82	107	80	108	95
2	110	107	101	108	91	105	86	106	80	106
3	98	102	105	111	107	81	87	89	111	78
4	99	109	102	102	111	103	84	95	82	113
5	93	93	106	99	94	101	107	84	96	82
SELPA non-district Infant/Toddler	0	3	4	1	0	0	0	3	0	0
SELPA non-district	8	12	11	8	12	13	0	0	1	0
Grand Total	651	652	638	632	625	609	589	588	596	575

Source: Sierra Sands Unified School District

#### Projected Enrollment - Recommended - Faller ES Boundary

Grade	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
ТК	20	20	20	20	20	20	20	20	20	20
К	87	86	87	81	84	84	84	84	84	84
1	80	86	85	86	80	84	84	84	84	84
2	94	79	85	85	85	79	84	84	84	84
3	105	93	79	85	84	85	79	82	82	82
4	82	111	98	83	89	89	89	83	87	87
5	116	86	115	101	86	92	91	92	86	90
Grand Total	584	561	569	541	528	533	531	529	527	531

Source: Cooperative Strategies

The varying shades of color in the table represent significant cohort sizes. The darker blue represents smaller cohorts, while the darker red represents larger cohorts, comparatively.

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# **GATEWAY ES**

#### Historical Enrollment - Gateway ES Boundary

Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
SPED PS	0	0	0	0	0	0	11	11	6	0
TK	0	0	0	0	0	0	10	8	7	13
K	76	61	69	53	66	70	64	63	62	57
1	67	83	58	72	56	59	61	68	66	58
2	53	58	74	41	74	48	61	50	73	57
3	69	55	69	61	41	74	59	48	52	66
4	70	63	41	51	59	43	66	58	60	54
5	65	67	42	47	57	59	45	61	62	59
SELPA non-district Infant/Toddler	0	1	1	0	0	0	1	2	0	0
SELPA non-district	1	7	5	6	5	8	0	0	2	0
Grand Total	401	395	359	331	358	361	378	369	390	364

Source: Sierra Sands Unified School District

#### Projected Enrollment - Recommended - Gateway ES Boundary

Grade	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
TK	13	13	13	13	13	13	13	13	13	13
К	60	58	60	55	58	58	58	58	58	58
1	54	56	56	56	52	54	54	54	54	54
2	54	50	52	52	52	48	50	50	50	50
3	57	53	50	52	51	52	49	51	51	51
4	67	57	54	51	52	52	52	49	51	51
5	55	68	58	55	51	53	53	53	50	52
Grand Total	360	355	343	334	329	330	329	328	327	329

Source: Cooperative Strategies

The varying shades of color in the table represent significant cohort sizes. The darker blue represents smaller cohorts, while the darker red represents larger cohorts, comparatively.

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# **INYOKERN ES**

#### Historical Enrollment - Inyokern ES Boundary

Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
SPED PS	0	0	0	0	0	0	3	1	3	0
TK	0	0	0	0	0	0	12	3	8	5
К	37	32	53	51	48	53	46	49	32	34
1	58	40	53	52	43	54	38	50	54	34
2	45	54	42	46	43	42	52	43	44	51
3	53	44	54	47	37	40	39	57	40	39
4	44	46	41	55	45	35	43	39	53	45
5	49	44	57	38	45	39	32	45	40	50
SELPA non-district Infant/Toddler	0	1	0	0	0	0	0	1	0	0
SELPA non-district	2	7	8	1	6	5	0	0	0	0
Grand Total	288	268	308	290	267	268	265	288	274	258

Source: Sierra Sands Unified School District

#### Projected Enrollment - Recommended - Inyokern ES Boundary

Grade	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
TK	5	5	5	5	5	5	5	5	5	5
К	35	35	35	33	34	34	34	34	34	34
1	36	37	37	37	35	36	36	36	36	36
2	32	34	35	35	35	33	34	34	34	34
3	48	30	32	33	33	33	31	32	32	32
4	39	48	30	32	33	33	33	31	32	32
5	44	39	47	30	32	32	32	32	30	32
Grand Total	239	228	221	205	207	206	205	204	203	205

Source: Cooperative Strategies

The varying shades of color in the table represent significant cohort sizes. The darker blue represents smaller cohorts, while the darker red represents larger cohorts, comparatively.

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# LAS FLORES ES

#### Historical Enrollment - Las Flores ES Boundary

Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
SPED PS	0	0	0	0	0	0	4	3	4	0
TK	0	0	0	0	0	0	11	14	7	18
К	75	68	68	79	75	81	69	71	82	58
1	84	80	71	70	76	76	79	75	69	74
2	65	71	69	82	67	75	64	80	85	73
3	64	66	61	72	74	76	71	66	70	75
4	81	52	64	71	65	79	77	65	70	66
5	53	71	50	67	71	72	73	68	71	66
SELPA non-district Infant/Toddler	0	0	0	0	0	0	1	3	4	0
SELPA non-district	3	2	5	4	5	4	0	0	0	0
Grand Total	425	410	388	445	433	463	449	445	462	430

Source: Sierra Sands Unified School District

#### Projected Enrollment - Recommended - Las Flores ES Boundary

Grade	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
TK	18	18	18	18	18	18	18	18	18	18
К	63	63	63	59	61	61	61	61	61	61
1	55	60	60	60	57	59	59	59	59	59
2	82	62	68	67	68	63	66	66	66	66
3	64	73	55	60	59	60	56	59	59	59
4	74	63	71	54	59	59	59	55	58	58
5	63	70	60	68	51	56	56	56	53	55
Grand Total	419	409	395	386	373	376	375	374	374	376

Source: Cooperative Strategies

The varying shades of color in the table represent significant cohort sizes. The darker blue represents smaller cohorts, while the darker red represents larger cohorts, comparatively.

SIERRA SANDS UNIFIED SCHOOL DISTRICT ENROLLMENT PROJECTIONS REPORT

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# **PIERCE ES**

#### Historical Enrollment - Pierce ES Boundary

Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
SPED PS	0	0	0	0	0	0	5	5	4	0
TK	0	0	0	0	0	0	8	10	5	12
К	52	61	47	54	48	51	45	43	50	58
1	65	52	65	51	53	43	52	45	49	54
2	47	54	45	54	46	54	55	55	56	45
3	50	49	43	43	61	46	50	49	54	57
4	55	47	51	43	46	62	49	55	41	56
5	39	64	45	50	46	52	61	49	54	47
SELPA non-district Infant/Toddler	0	1	2	0	0	0	0	1	0	0
SELPA non-district	3	5	3	2	2	4	0	0	1	0
Grand Total	311	333	301	297	302	312	325	312	314	329

Source: Sierra Sands Unified School District

#### Projected Enrollment - Recommended - Pierce ES Boundary

Grade	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
ТК	12	12	12	12	12	12	12	12	12	12
К	48	47	48	45	47	47	47	47	47	47
1	64	54	54	54	50	52	52	52	52	52
2	57	68	57	57	57	53	55	55	55	55
3	49	57	66	56	56	56	52	54	54	54
4	56	48	58	66	56	55	56	52	55	55
5	57	58	49	59	67	57	57	57	52	56
Grand Total	343	344	344	349	345	332	331	329	327	331

Source: Cooperative Strategies

The varying shades of color in the table represent significant cohort sizes. The darker blue represents smaller cohorts, while the darker red represents larger cohorts, comparatively.

SIERRA SANDS UNIFIED SCHOOL DISTRICT ENROLLMENT PROJECTIONS REPORT

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# **RICHMOND ES**

#### Historical Enrollment - Richmond ES Boundary

Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
SPED PS	NA	NA	NA	NA	NA	NA	4	4	3	NA
TK	NA	NA	NA	NA	NA	NA	7	9	10	14
К	76	71	74	71	66	79	55	56	74	52
1	71	89	80	73	62	58	74	62	58	79
2	71	63	77	66	65	53	57	78	55	65
3	70	68	53	73	57	55	53	56	66	65
4	67	67	63	57	71	47	54	65	62	79
5	57	52	71	57	58	74	53	66	66	64
SELPA non-district Infant/Toddler	NA	1	2	2	NA	NA	1	1	2	NA
SELPA non-district	2	7	6	2	3	5	NA	NA	NA	NA
Grand Total	414	418	426	401	382	371	358	397	396	418

Source: Sierra Sands Unified School District

#### Projected Enrollment - Recommended - Richmond ES Boundary

Grade	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
TK	14	14	14	14	14	14	14	14	14	14
K	51	50	51	47	50	50	50	50	50	50
1	55	54	54	54	50	53	53	53	53	53
2	82	57	56	56	56	52	55	55	55	55
3	65	82	57	56	56	56	52	55	55	55
4	72	72	91	63	62	61	62	58	60	60
5	82	75	74	94	66	64	64	64	60	63
Grand Total	421	404	397	384	354	350	350	349	347	350

Source: Cooperative Strategies

The varying shades of color in the table represent significant cohort sizes. The darker blue represents smaller cohorts, while the darker red represents larger cohorts, comparatively.

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# JAMES MONROE MS

#### Historical Enrollment - James Monroe MS Boundary

Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
6	166	168	174	173	179	176	211	164	155	182
7	191	174	166	184	165	178	186	209	159	152
8	200	202	171	159	183	174	175	190	204	174
Grand Total	557	544	511	516	527	528	572	563	518	508

Source: Sierra Sands Unified School District

#### Projected Enrollment - Recommended - James Monroe MS Boundary

Grade	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
6	161	182	177	184	176	159	160	159	160	150
7	179	157	182	175	182	176	156	158	157	158
8	155	186	162	187	180	189	180	162	162	162
Grand Total	495	525	521	546	538	524	496	479	479	470

Source: Cooperative Strategies

The varying shades of color in the table represent significant cohort sizes. The darker blue represents smaller cohorts, while the darker red represents larger cohorts, comparatively.

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# MURRAY MS

#### Historical Enrollment - Murray MS Boundary

Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
6	226	189	210	195	173	206	196	196	221	209
7	207	216	172	201	188	181	199	198	202	221
8	211	208	206	182	190	179	172	200	206	201
Grand Total	644	613	588	578	551	566	567	594	629	631

Source: Sierra Sands Unified School District

#### Projected Enrollment - Recommended - Murray MS Boundary

Grade	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
6	206	232	212	218	223	193	192	190	192	179
7	211	208	234	212	221	225	192	194	192	194
8	224	214	211	235	216	224	224	193	195	193
Grand Total	641	654	657	665	660	642	608	577	579	566

Source: Cooperative Strategies

The varying shades of color in the table represent significant cohort sizes. The darker blue represents smaller cohorts, while the darker red represents larger cohorts, comparatively.

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# **BURROUGHS HS**

#### Historical Enrollment - Burroughs HS Boundary

Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
9	430	425	424	411	365	401	394	395	417	450
10	418	393	406	374	394	344	380	389	396	418
11	434	396	360	390	367	380	351	367	374	377
12	430	426	390	360	329	376	375	356	361	359
Grand Total	1,712	1,640	1,580	1,535	1,455	1,501	1,500	1,507	1,548	1,604

Source: Sierra Sands Unified School District

#### Projected Enrollment - Recommended - Burroughs HS Boundary

Grade	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
9	414	415	438	409	463	431	454	437	385	390
10	443	405	407	430	401	454	425	446	431	380
11	405	427	391	393	417	387	438	411	429	417
12	366	396	417	382	385	410	380	428	401	420
Grand Total	1,628	1,643	1,653	1,614	1,666	1,682	1,697	1,722	1,646	1,607

Source: Cooperative Strategies

The varying shades of color in the table represent significant cohort sizes. The darker blue represents smaller cohorts, while the darker red represents larger cohorts, comparatively.

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# UNMATCHED

### Historical Enrollment - Unmatched

Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
6	0	0	0	0	1	0	0	0	0	0
7	0	0	0	0	1	0	0	0	0	0
8	0	0	0	1	0	0	0	0	0	0
Grand Total	0	0	0	1	2	0	0	0	0	0

Source: Sierra Sands Unified School District

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# OUT OF DISTRICT

### Historical Enrollment - Out of District

Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
K	0	1	0	0	1	0	0	1	0	0
1	1	0	0	1	1	0	2	0	0	0
2	1	0	0	1	2	0	1	0	0	0
3	1	1	0	1	0	0	0	0	0	0
4	0	1	1	1	0	0	0	0	0	0
5	0	0	2	0	1	0	0	0	0	0
6	0	0	0	0	0	1	2	0	0	0
7	0	0	0	0	0	0	0	1	0	0
8	0	0	0	0	1	0	0	1	1	0
9	1	2	0	0	1	0	0	0	1	0
10	2	0	1	0	0	1	0	1	0	0
11	1	0	0	1	0	1	0	1	0	0
12	1	1	0	3	1	1	1	0	0	1
Grand Total	8	6	4	8	8	4	6	5	2	1

Source: Sierra Sands Unified School District

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## CONCLUSION

As with any projection, the District should pay close attention to live birth counts, enrollment in elementary schools, open enrollment, non-public enrollment, in / out migration patterns, and any housing growth. It is recommended that this document be reviewed on an annual basis to determine how more recent growth and enrollment trends will impact the enrollment projections.

Cooperative Strategies is pleased to have had the opportunity to provide the District with enrollment projection services. We hope this document will provide the necessary information to make informed decisions about the future of the Sierra Sands Unified School District.