



MOUNTAIN STRONG!

Sierra Unified School District
**2021 Long Range
Facility Master Plan**



OPEN SPACES. CLEAR MINDS.

Sierra Unified School District
2020 Long Range Facility Master Plan
June 2021

Prepared for

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An investment in knowledge
pays the best interest.

— Benjamin Franklin

October 2020

In February 2020, Sierra Unified School District (SUSD) authorized SIM-PBK Architects, Inc. (SIM-PBK) to develop a District-wide Long Range Facility Master Plan (LRFMP) in order to evaluate and document the general conditions of existing District-owned facility assets and to provide planning recommendations. This LRFMP provides SUSD administrators and staff with the knowledge and information needed to make well-informed decisions with regard to facility needs — both near and long-term. This document is intended to be a living “roadmap” for the future of SUSD schools, easily updated as circumstances change and evolve.

SIM-PBK extends particular thanks to the following participants for making this happen:

Sierra Unified School District

- Sierra Unified School District Board of Trustees
- Superintendent – Alan Harris
- Chief Business Official – Janelle Bryson
- Director of Facilities and Maintenance/Bus Services – Craig Barnes

Here is to the future success of Sierra Unified School District.

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Jeffrey Berrios, AIA
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01 Executive Summary

Acknowledgments

The success of any project is dependent on the individuals participating and their commitment and support. In the development of a Long Range Facilities Master Plan (LRFMP), it was particularly important to have not only widespread involvement from the Sierra Unified School District (SUSD) community, but leadership from key members of the District. SIM-PBK wishes to thank SUSD's Board members, administrative staff, teachers, site administrations, and parents who participated by giving many hours to the process because of their devotion and dedication to the District. We would like to thank and acknowledge those noted below for their outstanding contributions.

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Financial Eligibility

Introduction

Sierra USD has many aging facilities that make up their campuses. Many of the structures on the Sierra HS/ JR HS are over 50 years old. This campus is over 100 years old. There have been some improvements to the facilities on this campus, but minor in comparison to its overall needs. The district's newest campus, Foothill ES is over 25 years old. This campus is also in need of facility upgrades. A LRFMP is the needed road-map to improve the district facilities.

The LRFMP for SUSD is a multi-faceted approach to the development of a building and maintenance plan that meets the changing needs of the District. By assessing the current conditions and anticipated future needs of the facilities, the LRFMP provides a long-term facilities strategy to support the mission of the changing needs and goals of a growing District and its students, staff, and community.

The specific purposes and goals of the SUSD LRFMP are as follows:

- To assess the current conditions of buildings and grounds at all District sites and determine the needs of repair, reconditioning, or replacement of facilities to ensure the safety and security of their occupants
- To assess the adequacy of the physical state of facilities as they relate to the educational functionality of each site
- To assess the usage and equitability of facilities for each site and their grounds
- To identify growth of District sites related to projected enrollment increases
- To determine the cost of physical facility and educational functionality improvements
- To prioritize the needs based on the critical nature and urgency of improvements
- Seek community engagement and input through outreach to the sites and District through in-person and online efforts
- To create a living document detailing future project developments that is easily updated, altered, and interpreted for continued use by the succeeding generation of District governance

The LRFMP shall lay the foundation for SUSD in making responsible fiscal choices in implementing new projects and maintenance of their existing schools. Through the use of the District's potential future General Obligation Bond and available funding from the State of California, the LRFMP shall prioritize those projects that can maximize funding opportunities.



Long Range Facilities Master Plan Process Overview

A thorough and accurate facility assessment relies on both an organized structure and a detailed process in which the quality and reliability of data are priorities. This approach to the LRFMP for SUSD allowed the team to systematically acquire precise information from the appropriate source, enabling us to produce reports that will be valuable to the District. The process is outlined in the following steps.



Internal Kick-Off Workshop

The process began with a discussion between the SIM-PBK team and SUSD to review expectations and set a schedule for key events including:

- Develop assessment criteria
- Field assessment orientation
- Inspection of all properties
- Database development requirements
- Final assessment report content



District Input

To understand the characteristics of each property beyond what is recorded in existing archive materials, the SIM-PBK team sought input from SUSD to capture their input, perspective, and historical knowledge. Feedback from the LRFMP Executive Planning Committee, sites, focus groups and community on concerns at each school was crucial in the process. Input on when work was completed on each site and historical knowledge was vital to establishing urgency prioritization of projects.



Develop Assessment Criteria

The criteria were developed to create a consistent informational database of needed repairs and replacements based on building areas and components. An accounting spreadsheet to identify costs for repairs and priority timeline was created for use at each site. The priority was developed based on what year in the future that work needed to be accomplished.



Field Physical Facility Assessments

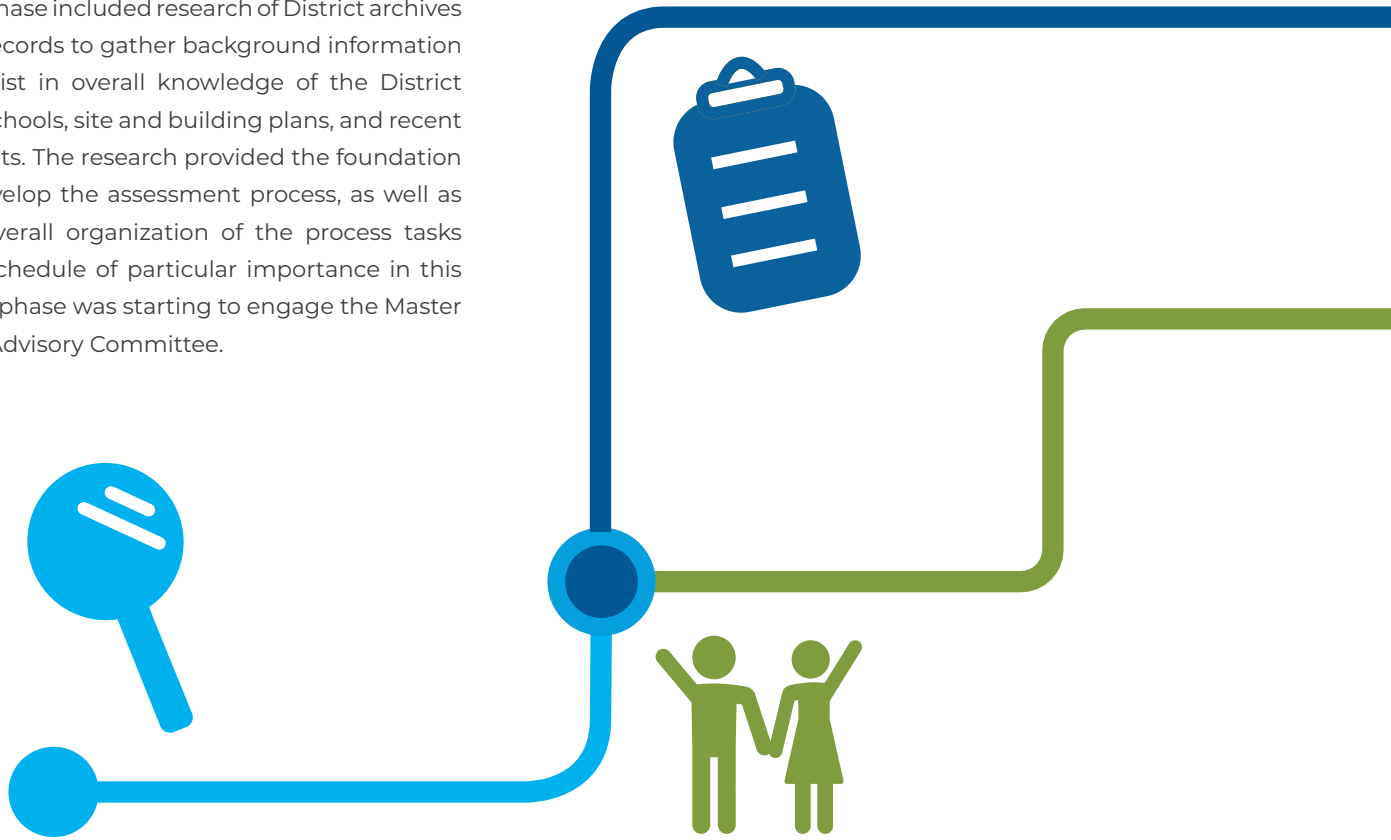
All sites were assessed based on seven major areas: civil, building envelope, architecture, mechanical, electrical, technology, and life safety and security. Sites were photographed to record existing conditions and District staff accompanied the SIM-PBK team in the review of each site. This also allowed the team to accurately depict conditions on site plans used in the final LRFMP development.

Step 2: Facility Condition and Needs Assessment

A team of trained field assessors visited every site within the District with District staff to review, photograph, and note physical condition deficiencies. Those observations were translated into a report noting urgency and costs. Initially, the team visited all school sites to study and analyze educational adequacy, functionality, and 21st century learning opportunities for future projects.

Step 1: Research and Discovery

This phase included research of District archives and records to gather background information to assist in overall knowledge of the District and schools, site and building plans, and recent projects. The research provided the foundation to develop the assessment process, as well as the overall organization of the process tasks and schedule of particular importance in this initial phase was starting to engage the Master Plan Advisory Committee.



Step 3: District/Community Outreach

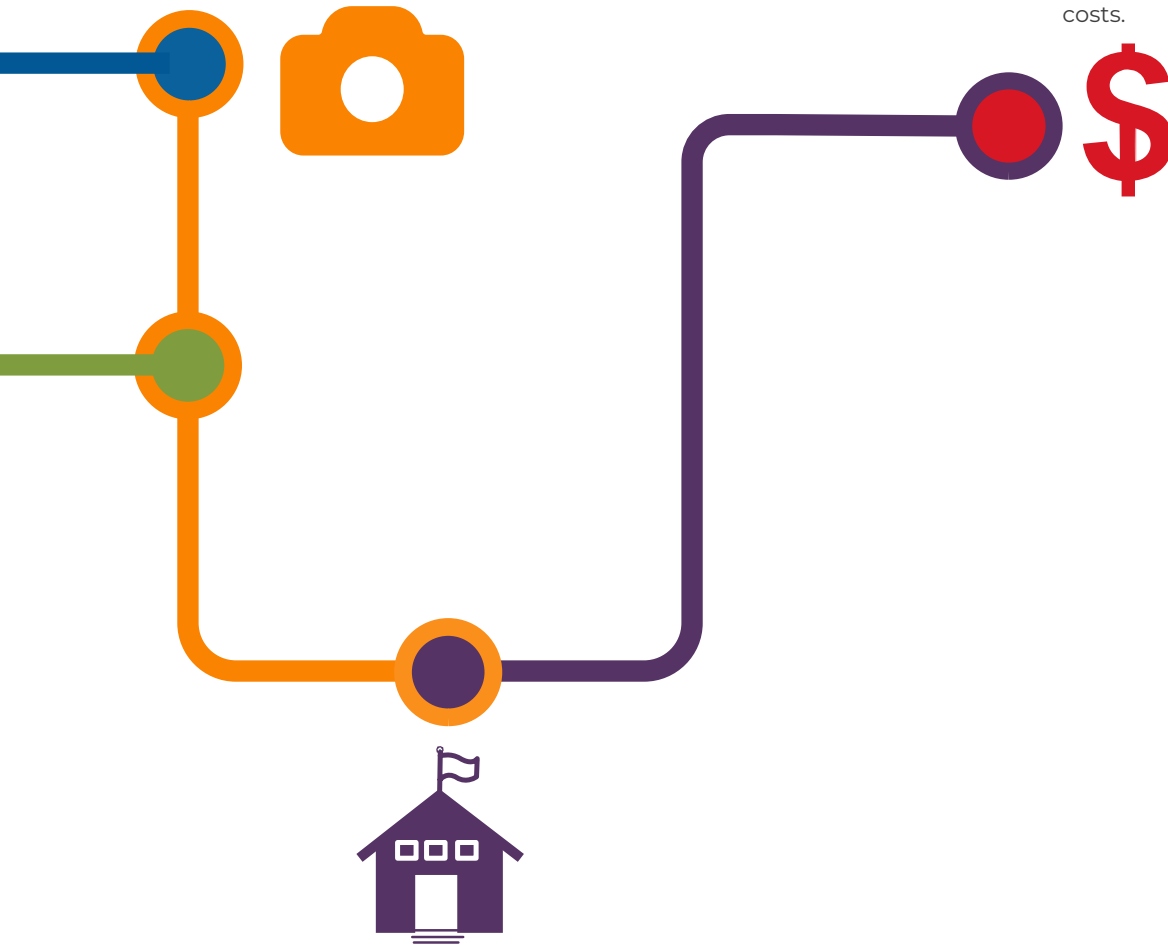
SIM-PBK met with the District's Executive Planning Committee to kick-off the process. SIM-PBK also met with the focus groups that were created. The information gathered in each meeting, along with site walks with staff and principals, provided the initial information to develop the LRFMP.

Step 4: Master Planning

Drawing upon input from the school board, staff, community, physical assessments, and educational adequacy site walks, a LRFMP was produced for each school site. The LRFMP identifies the proposed repair and renovation projects, as well as new building and site enhancement projects. Using a color-coded identification system for categories of projects, the master plan was developed for each school site.

Step 6: Implementation

Costs were developed for all projects resulting from the assessments as well as new components. Funding was analyzed and measured against costs.



Step 5: The Sites

Step 5 draws upon all the work done in Steps 1 through 4 to develop a comprehensive planning document for each school site. Prioritization of projects, based on available funding, final project costing of all categories, and funding opportunities are presented.

Figure 1-1
Long Range Facility Master Plan Process Roadmap

Guiding Principles for Design

The guiding principles for design are an integral part of a LRFMP. They were developed by the district's LRFMP Planning Committee. They identify current and future needs, prioritize those needs, and provide direction to how projects progress. Guiding principles will also be used to provide clarity in decision making when conflicts in personal desires over project goals arise. The following guiding principles were developed for SUSD and are presented by order of priority.

1. Safety and Security

Safety and Security needs are of primary importance District-wide. Ensuring the safety of students, staff, and the community while using District facilities is of utmost concern. Addressing how people safely enter, exit, and navigate throughout a facility should always be at the forefront of design decisions.

2. Student Learning

The outcomes of student learning are precisely what guides the functions of schools. Learning needs will be addressed through design decisions relating to collaboration, positive and supportive learning environments, flexibility and adaptability of student spaces, and the incorporation of the natural environment and current technology to facilitate learning.

3. Long-Term Planning

While addressing current needs may take priority, looking toward the future can greatly impact design decisions. Providing recommendations based on both current needs and future growth opportunities will provide the best long-term value. Long-term planning places a high emphasis on infrastructure needs, including updating and replacing antiquated or inadequate facilities and creating equitable facilities to foster better use, all while improving the overall aesthetics of school buildings and grounds.

4. Fiscal Responsibility

While the needs and wants of the District, students, staff, and community all play a part in the design of a LRFMP, the simple truth is that all facility projects are limited by budgetary constraints. To help create the greatest ability to provide necessary improvements, an understanding of the District's current budget, as well as the potential to maximize state funding, will aid in the creation of a financial plan that will maximize results.

5. Community

Schools have long been a staple for any community and can greatly attribute to the community's culture and desirability. Because of this, an emphasis must be placed on how a school integrates with and is used within a community, while being both a community haven and a good neighbor.

6. Marketability

It is quite common parents and students have choices of school districts to attend. SUSD must be competitive and a district the community wants to be a part of. The district shall strive to provide academic and athletic programs with facilities that are competitive with the neighboring districts.

7. Sustainability

The district should aim to provide facilities that promote long term solutions for energy usage, building systems, and materials. Sustainability principles shall be applied to facilities, existing and future.



Findings and Recommendations Summary

Summary of Assessment Findings

Based on the results of community feedback, District leadership input, and SIM-PBK master planning team site assessments, a list of facility needs was identified. These needs formed the basis for the SUSD LRFMP. Major concerns included:

- **Aging existing buildings and site/ utility infrastructure** — Aesthetics and physical conditions/performance
- **Safety and Security** — safety and security needs identified included fencing, access, and site safety
- **Future Growth** — future growth needs identified included use of facilities and infrastructure needs, such as building additions and renovations
- **Student Learning** — student learning needs identified included improved teaching environment and technology
- **Fiscal Responsibility** — fiscal responsibility needs identified included equability of facilities and fiscal conservation

Summary of What is Being Proposed in Master Plans

SIM-PBK has established a LRFMP to address the use of District facilities to better accommodate current and future conditions. As a result of facility and prioritization of needs assessments, and with guidance and direction provided by District leadership, site proposals were developed to address the items below.

- Sierra High School and Sierra Junior High School: In an effort to get the high school and junior high school to have separate campus entities while continuing to share some facilities, thoughtful reconfiguration of existing buildings and providing new facilities should be considered. Light and medium modernizations shall be implemented as funding allows.
- Foothill Elementary School: Parking and traffic circulation shall be a top priority in the Foothill Elementary School Master Plan. Additional student restrooms, particularly for transitional kindergarten and kindergarten students. Light modernizations shall be implemented as funding allows.
- Sierra Elementary School: Medium to heavy modernizations to all facilities and the site are required to utilize this closed campus as an elementary school.

Cost Summary Overview

Developing the cost of the components identified by the LRFMP is critical to the implementation of projects. Based on items noted during facility condition assessments, community outreach, and by District/Board direction, each item was input into SmartSheets for individual costing. Priorities were established in discussions with the District and Board. Cost summaries by site, priorities, and the established categories noted below are presented in the LRFMP.

- Civil
- Building Envelope
- Architecture
- Electrical
- Plumbing
- Technology
- Life Safety & Security
- Athletics/Activities
- Food Service
- New Portables/Classrooms
- New Restrooms
- New Shade/Outdoor Structures

Costs that are included in each line item:

- Labor
- Materials
- General Contractor's Overhead and Profit
- Insurance and Bonds
- Escalation

The resources used to determine the cost and prices are noted below. Project costing is subject to fluctuations depending on current economic trends and economy.

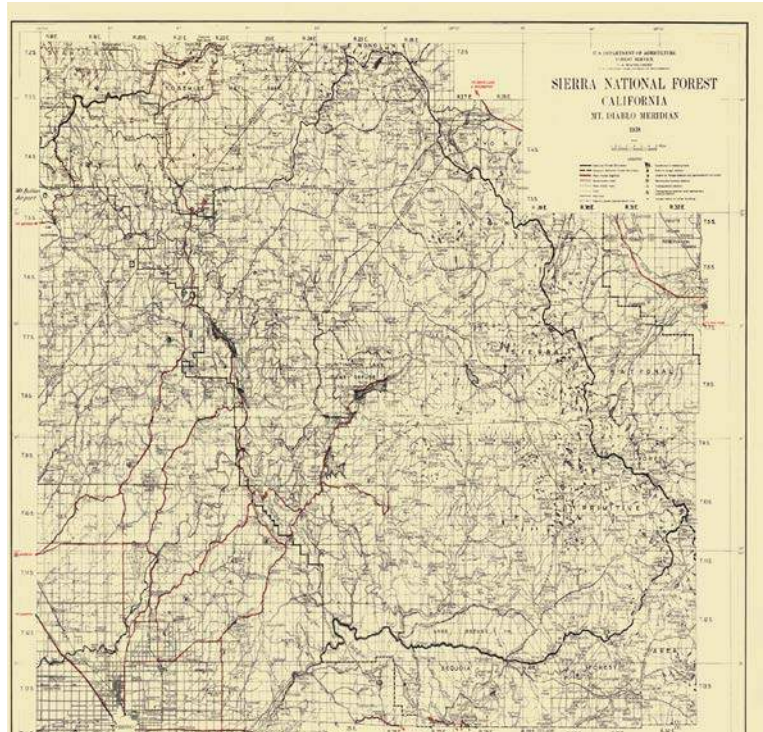
Resource Information

1. SIM-PBK Database
2. Reference Book:
 - Current Construction Remodeling/Repair Costs, 2020
 - 55th Annual Edition, Sierra West Publishing. ISBN 979-1-937984-32-8

02 General Information

Regional Information of Sierra USD

Sierra Unified School District is located approximately 35 miles northeast of Fresno in Prather (the foothills). The District covers a large region, approximately 2,000 square miles. Three Native American Rancherias are located within the district: Table Mountain Rancheria, Big Sandy Rancheria, and Cold Springs Rancheria. As of July 2019, the US Census estimates a total county population of 999,101. Prather, California has an estimated population of 1,569.



Sierra Unified School District Mission Statement

“Our mission is to inspire, engage, challenge, and support all students to reach their highest level of learning and personal development.”



The county was established in 1872, drawing farmers from across the globe. Early on the county became diverse and now has more than 70 ethnic groups in the metropolitan area. In the foothills of Fresno County, a road system was developed in the 1880s connecting settlements. Today Fresno County is ranked first in the nation for agricultural production and the Sierra National Forest is recognized for providing wood, water, electricity and recreation for the public.

District History

January 7, 1964 - Annexation of Picayune Unit of Coarsegold Union School District of Madera County to Sierra Joint Union High School District of Fresno and Madera Counties.

July 1, 1988 - All of Friant Union Elementary School District's territory annexed to Clovis Unified School District (was a component of the Sierra Joint Union High School District of Fresno/Madera Counties and the transfer reduced the territory of the Sierra Joint Union High School District)

North Fork Elementary School District of Madera County ceased to exist. That territory was annexed to the Chawanakee School District of Madera County. (both are component school districts of Sierra Joint Union High School District of Fresno/Madera Counties; therefore, no change in SJUHSD boundaries). Madera became the county of jurisdiction for the reorganized Chawanakee Joint Elementary School District.

July 1, 1989 - The territories of Auberry Union (Elementary) School District (Fresno), Sierra Union (Elementary) School District (Fresno), and Spring Valley School District (Madera) transferred to Chawanakee Joint School District (Fresno/Madera).

July 1, 1990 - Old Auberry Union (Elem) School District territory and old Sierra Union (Elementary) School District territory withdrew from the Chawanakee Joint (Elementary) School District (Fresno/Madera Counties, under Madera County jurisdiction) as

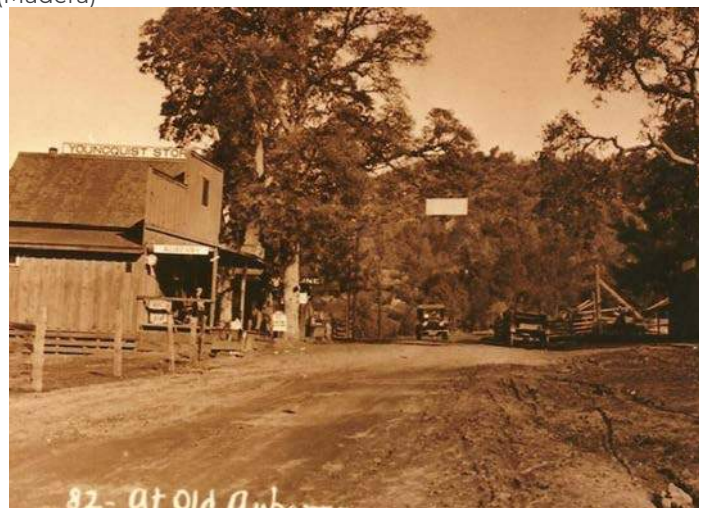
Golden Hills School District Fresno County (under Fresno County jurisdiction).

July 1, 1990 - Transfer of jurisdiction of the Sierra Joint Union High School District from Fresno County to Madera County. Name also changed to Minarets Joint Union High School District (so it won't be confused with Sierra Unified School District).

July 1, 1992 - Unification of Golden Hills School District. The territory ceased being a part of the Sierra Joint Union High School District (Fresno/Madera Counties, under the jurisdiction of Fresno County). Name changed from Golden Hills to Sierra Unified School District of Fresno County (under Fresno County jurisdiction).

July 1, 1998 - Transfer of territory from Sierra Unified School District to Clovis Unified School District. (40 acres-Donovan Harris). Technical error discovered 2003 and correction incorporated in 2003 Sierra map and legal description.

July 1, 2000 - Transfer of territory from Sierra Unified School District to Clovis Unified School District. (Millerton Specific Plan)



July 1, 2003 - Transfer from Chawanakee (Madera) to Sierra Unified School District (Fresno) the K-12 territory of the Chawanakee Bulge (i.e., all of its territory in Fresno County).

Also, transfer to Sierra Unified School District, for purposes of property tax assessment by the State Board of Equalization, of 9-12 territory of Big Creek (Fresno) and Pine Ridge (Fresno) elementary school districts to Sierra Unified School District.

Auberry Union/Auberry Elementary School

The Auberry Union School District was formed January 30, 1947, when the Big Sandy, Auberry, and Millerton districts united. Trustees of the new district were George Killen, Dr. William Winter, William Jackson, Annabelle Austin, and Lawrence Root, clerk.

The campus of Big Sandy became the campus of Auberry Union and the address currently is 33367 North Auberry Road, Auberry.

On January 31, 1950, voters of the district approved a \$100,000 bond issue to add a new classroom building in the south end of campus.



In 1955 a bond issue for \$150,000 passed. A two-story building with 9,400 square feet was completed in 1960 to house a music room and cafeteria. The same year a 1,700 square foot kindergarten was ready for use. More space was obtained when the Wish-i-ah Sanitarium was closed (1958) and the schoolhouse was moved to the campus. The Myers Building, with four classrooms and a library, was completed in 1970 and dedicated to Roberta S. Myers, who served the Big Sandy School as principal (1924-1947) and, later, Auberry Union (1947-54).

In 1975 a building similar in size and design was constructed next to the Myers Building to provide six classrooms with a total of 7,000 square feet. Phillip R. Bates, Fresno, was the architect, and Walker and Walker Inc. was the contractor for both buildings.

In addition to the permanent buildings, some classes were housed in portable buildings.

Since July 1, 1992, Auberry Elementary School has been part of the Sierra Unified School District. It became a kindergarten through fifth grade school in January 1994 when the sixth, seventh, and eighth grades were transferred to the new Foothill Middle School at Prather. Enrollment in 1995-96 at Foothill Middle School was between 450 and 500 students.

The fifty-nine acre campus is at 33367 North Auberry Road, Auberry. Forty acres were acquired for \$72,000 when the Big Sandy School District first developed the site as a campus in 1924. Later, at a date not confirmed, nineteen additional acres were acquired for \$76,000.

Sierra Unified District sold this campus to California Conservation Corps in 2011.

Foothill Middle School / Elementary School

In the fall of 1992 parents of fifth-, sixth-, and seventh-graders at Auberry and Sierra elementary schools met to help unify and set goals for sixth to eighth grade students to form a middle school. Barbara Cowan, principal, outlined the middle school concept preparation of students “to achieve their highest personal potential.” Students are given in-depth understanding of subjects and aided in seeking information and applying this to further learning.

To house the 450 to 500 students, the Sierra Unified School District trustees procured property at 29147 Auberry Road at Thunderbird Lane in Prather. The fifty-six acres was purchased for \$170,000. The Steinberg Group of San Jose was the architect, and Tech 5 Corporation of Mountain View was the contractor. Cost of the 86,414-square-foot structure was approximately \$11 million.

The school is on a hillside terrace with classrooms and multipurpose room forming a half wheel against the hill. The library is the hub of the wheel. The administration building is on one side of the library, and an industrial tech building and a gymnasium are on the other side. The multipurpose room houses the cafeteria, kitchen, auditorium, theater storage rooms, dressing rooms, music lab with practice rooms, and restrooms. A glass front extends over the recessed amphitheater. A wood shop, metal shop, electronics lab with sound booths, a darkroom, and a home economics lab with cooking and sewing areas are in the industrial tech building.

Weather delayed the opening from September 1993 until January 3, 1994. To integrate classes before moving, sixth and eighth grades from Auberry and Sierra elementary schools met at Sierra Elementary the beginning of the 1993 fall semester. Seventh grades from each school met at Auberry Elementary. Foothill listed 465 students at the end of the first semester, May 26, 1994. The school has the potential for 1,300 students.

April 28, 1994, was the official dedication. Fresno County Superintendent of Schools Dr. Peter Mehas was a special guest with trustees and superintendents of the former Golden Hills School District. Foothill Middle School is in the Sierra Unified School District, which includes Sierra High School and Auberry and Sierra Union elementary schools.

Foothill Middle School was closed and converted to Foothill Elementary School in Summer 2011.



Sierra Elementary School

Sierra Elementary has been part of the Sierra Unified School District since July 1, 1992. The campus consists of twenty acres at a 2,000-foot elevation. The address is 27444 East Tollhouse Road, Tollhouse.

With the decline of the logging and trucking industry, residents chose to retain their residency there, but sought jobs in nearby cities. Some service industries have been developed.

Sierra Elementary became a kindergarten through fifth grade school in January 1994, when the sixth-, seventh-, and eighth-graders were transferred to the new Foothill Middle School in Prather. With fewer students to accommodate, relocatable buildings on the upper level were removed so the space could be developed into a playground. The library-classroom unit on the upper level was remodeled to provide a larger library. At the lower level the parking area has been redesigned and landscaped. The bus garage has been removed.

On June 1, 1993, student, teachers, and principals, both past and present, gathered



Auberry Elementary School, 1995. Upper story is cafeteria; lower story is a music room to reminisce about past events at this site.

Principals honored were Geraldine Erickson (1942-43), Wally Barcus (1948-77), Clifford Sparrow (1977-90), and Joyce Harper (1990-93).

Due to declining enrollment in the district, Sierra Elementary School was closed in Summer 2011. It remains closed today.

Sierra High School

The Sierra High School campus can claim several structures that have contributed over the years to its distinctive character including water tower, student dormitory, and an award-winning classroom and administration building. When Sierra Union High District was organized in 1922, classes were held in two tents with teachers Robert Sturges and Mary B. Riley. The first trustees were W.E. Marshall of Academy, R.E. Moncrief and C.S. Scott of Prather, and W.B. Weldon and W.E. Yancey of Tollhouse. The first building was completed in 1923 providing three classrooms and an assembly room. Girls' and boys' anterooms and washrooms provided sinks, but other facilities were outside.

The 1926 Commencement program listed M.A. Harrison as principal and Muriel Wilkinson and Marguerite Wible as faculty. The "small gymnasium" was added in 1934. The original structure was plain and functional with a stage at one end and gym floor at the other. It was used as a community center as well as for school activities. The many additions have maintained a vertical design which fits the school's mountain environment. The original redwood siding has been covered with metal siding.

A new classroom and administration building, completed in 1938, was given national recognition in Architectural record,

May 1939. The five-page article describes the building in detail including glare control, solar heat, earthquake resistance, and integration of outdoor and indoor spaces for maximum use. The building was designed by architects Franklin and Kump of Fresno. The cost was approximately \$65,000, which was financed by current funds and a one-year bond issue for \$30,000. The building is still in use today and is the focus of the campus. The first classroom building (1923) was converted in 1938 for use in agriculture, forestry, and industrial arts classes. In the early 1960s the building was sold at public bid to Benny Marshall, who dismantled it, hauled it to Oakhurst, and made it into a private residence.

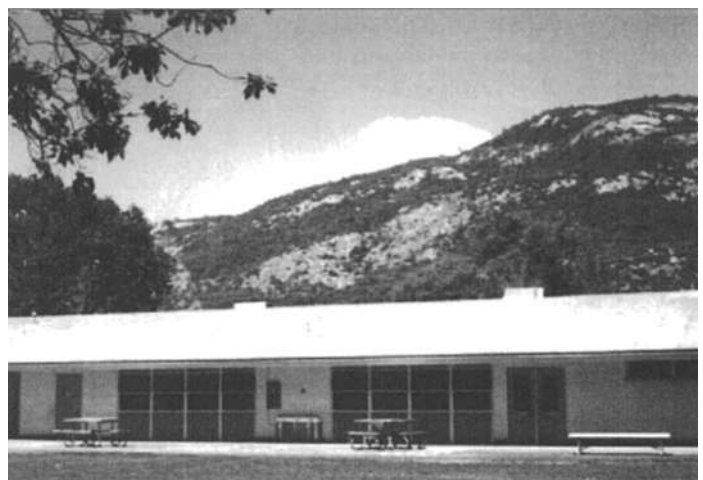
A water tower was a distinctive landmark until the early 1950s, when it was demolished. Located near the “small gym,” it may have played a part in the early water system. Currently water is piped from two wells on nearby Black Mountain, which can be seen from the campus on a clear day.

A dormitory was constructed on campus in 1948 to accommodate students from outlying areas of Big Creek, Balch Camp, and Shaver Lake. During the winter months bus trips could be treacherous. Students were housed Monday through Friday at a cost of \$1.25 per day including two meals. The L-shaped dormitory contained twenty apartments, each two rooms—one for sleeping and one for study. Forty students could be housed with boys in one wing and girls in the other. The elbow of the building was a living and service center which included a massive social hall with rustic ceiling beams and a large

fireplace, dining room and kitchen, as well as living quarters for the caretakers.

At the time the dormitory was built, a new class-room wing was added near the southwest corner of the main classroom building (1938). The new wing included three classrooms with warehouse storage underneath the entire length of the building. The louvered windows on the north side provide almost perfect intensity of daylight to the classrooms. A covered corridor connects this wing to the main classroom building. The cost of the dormitory and classroom addition was \$303,000. Franceschi of Fresno was the architect. Housing of students was discontinued at the end of the 1965-66 school year when roads were improved and parents preferred having their children at home. The dormitory was rented to groups on a temporary basis. On April 5, 1991, part of the dormitory became the Sierra Oaks Senior Center.

The “big gym,” dedicated in 1952, was a major addition to the campus. Built at a cost of about \$373,000, it has a seating capacity of 1,370. Architects were Franklin and Simpson. At that time the cantilevered construction was innovative, and the building was regarded as one of the finest gymnasiums



in California. Features included a vertical skylight and radiant heating. It was renamed the Merritt Gilbert Gymnasium in 1983 to honor the teacher-coach-superintendent who served from 1953 to 1984.

In 1954, Sierra High had fourteen buildings on a campus of 450 acres which included the 240-acre school farm. On December 10, 1965, the farm was renamed Bert Weldon Memorial Farm in honor of W. Bert Weldon, who served as a board member from 1922 until his death on March 15, 1961. He was a leader in the development of educational facilities in eastern Fresno County.

In 1956, a swimming pool, diving pool, and children's wading pool were added for use by the community as well as the school. A larger library was built in 1959, and the old one-room library (1938) was converted to other uses. In 1967 the Presentation Center (auditorium) and new classrooms for home economics and business education were added. Other buildings on campus include the art center, music building, auto shop, wood shop, agriculture building, and the Sandy Bluffs Educational Center. The campus has tennis courts, a softball and baseball field, and the

Frantz football stadium, named for former principal Clifford D. Frantz. Fall of 2011 the site became Sierra Junior High School and Sierra High School.

The new Sandy Bluffs Educational Center was completed in 1993 at a cost of \$350,000. This and other continuation centers in the district provide alternative educational opportunities including independent study and adult education.

The Sierra High School campus has always been at the same site-33326 North Lodge Road, Tollhouse.

Sierra Unified School District Today

Currently Sierra Unified School District serves 1,204 students, in grades TK through 12, based on California Basic Education Data System (CBEDS), October 2020.



Sierra High School opened in tents in 1922.

This information comes from a variety of sources, including "Public Schools of Fresno County 1860-1998", documents obtained from the Fresno County Office of Education, the local history section of the Fresno County Library - Auberry branch and territory transfer documents from the files of Sierra Unified School District."

District Mission, Vision, and Goals

Mission Statement

“Our mission is to inspire, engage, challenge, and support all students to reach their highest level of learning and personal development.”

Vision Statement

“Our vision is to be an exemplary, student-focused school district, that is highly regarded for the competence and character of our students, the rich connection to our mountain community, and the excellence of our people, programs, and learning environment.”



District Profile

Pre-K






through 12th

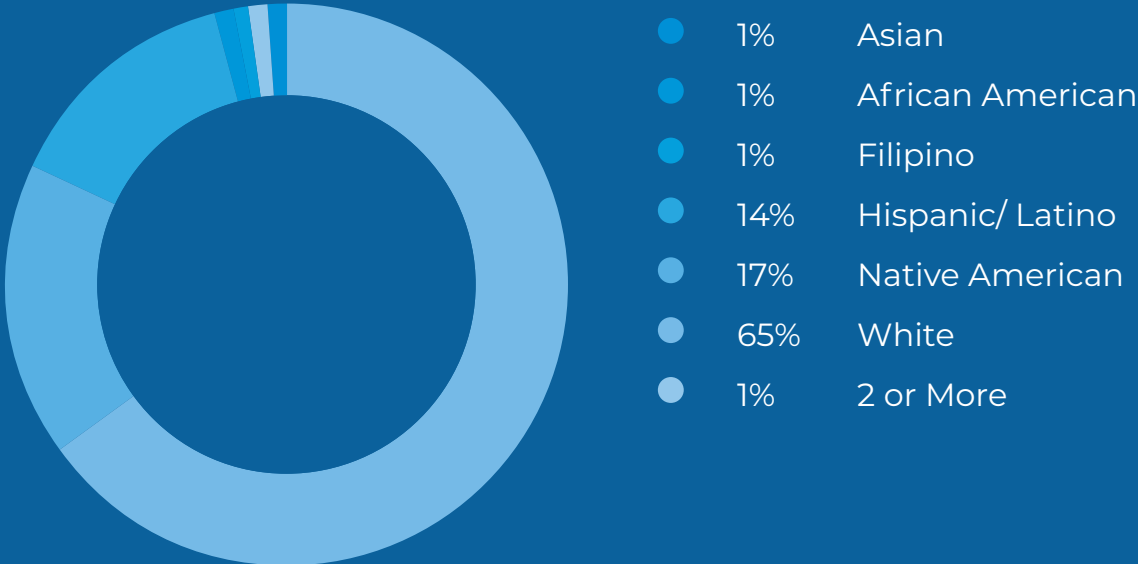


1,204

Total Enrollment



| | | |
|--|--|--|
| <p>Foothill Elementary</p>  <p>Elementary School</p> | <p>Sierra Junior High</p>  <p>Junior High School</p> | <p>Sierra High</p>  <p>High School</p> <p>(Students from Pine Ridge Elementary & Big Creek Elementary feed into Sierra High)</p> |
| <p>Sierra Alternative High & Sierra @ Home</p>  <p>Alternative Schools</p> | <p>Sierra Preschool</p>  <p>Preschool</p> | |

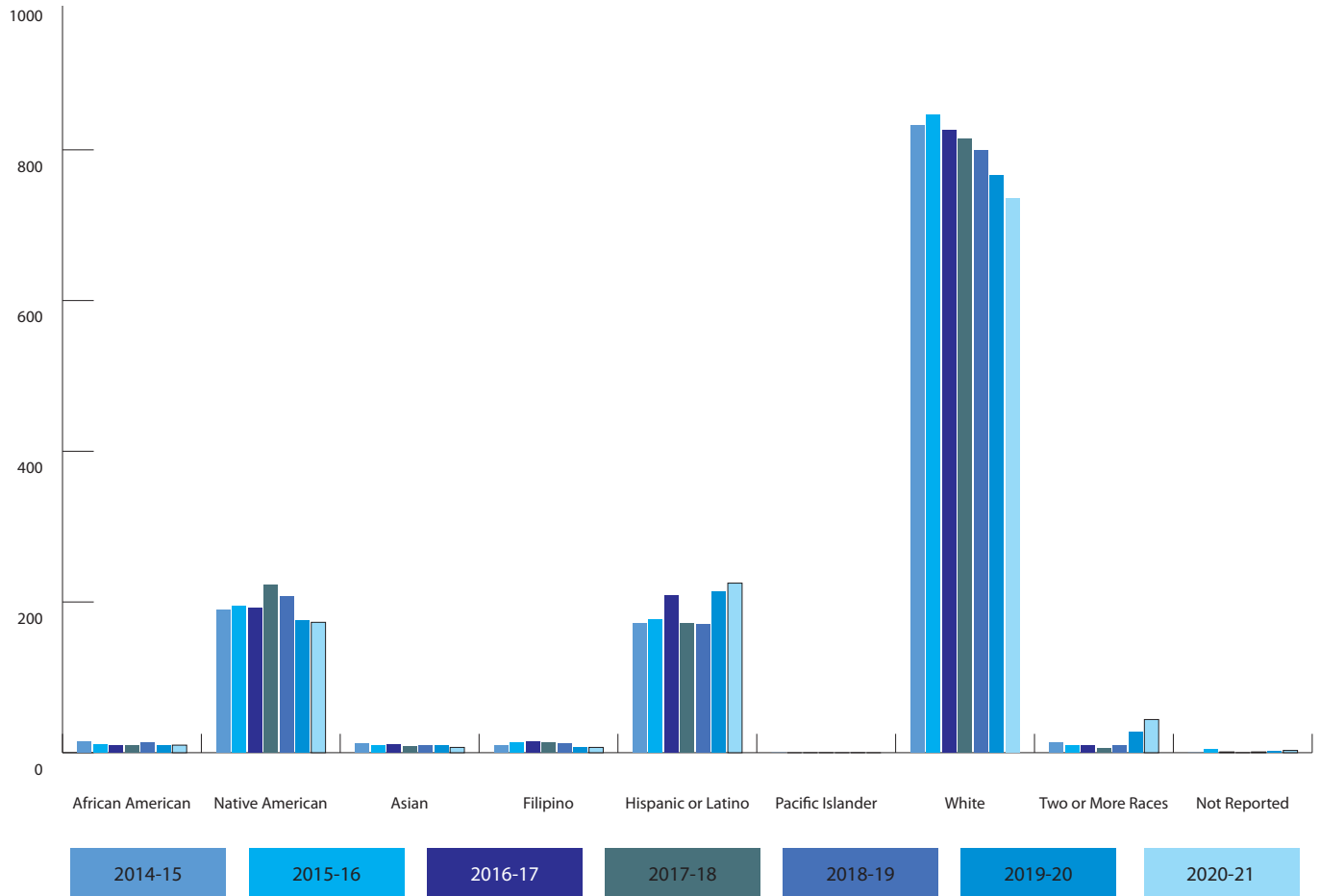


Community of the School District

Sierra Unified School District encompasses approximately 2,200 square miles of San Joaquin Valley and Sierra Foothills. With Shaver Lake at the heart, the district spans from the foothills of Clovis to Huntington Lake, Wishon Reservoir and Pine Flat at elevations up to 7,600'. Three Native American Rancherias, Table Mountain, Big Sandy and Cold Springs are within district boundaries and Prather, Auberry, Tollhouse, Shaver, Big Creek and Millerton are predominant areas of housing and population.

District Enrollment and Demographics

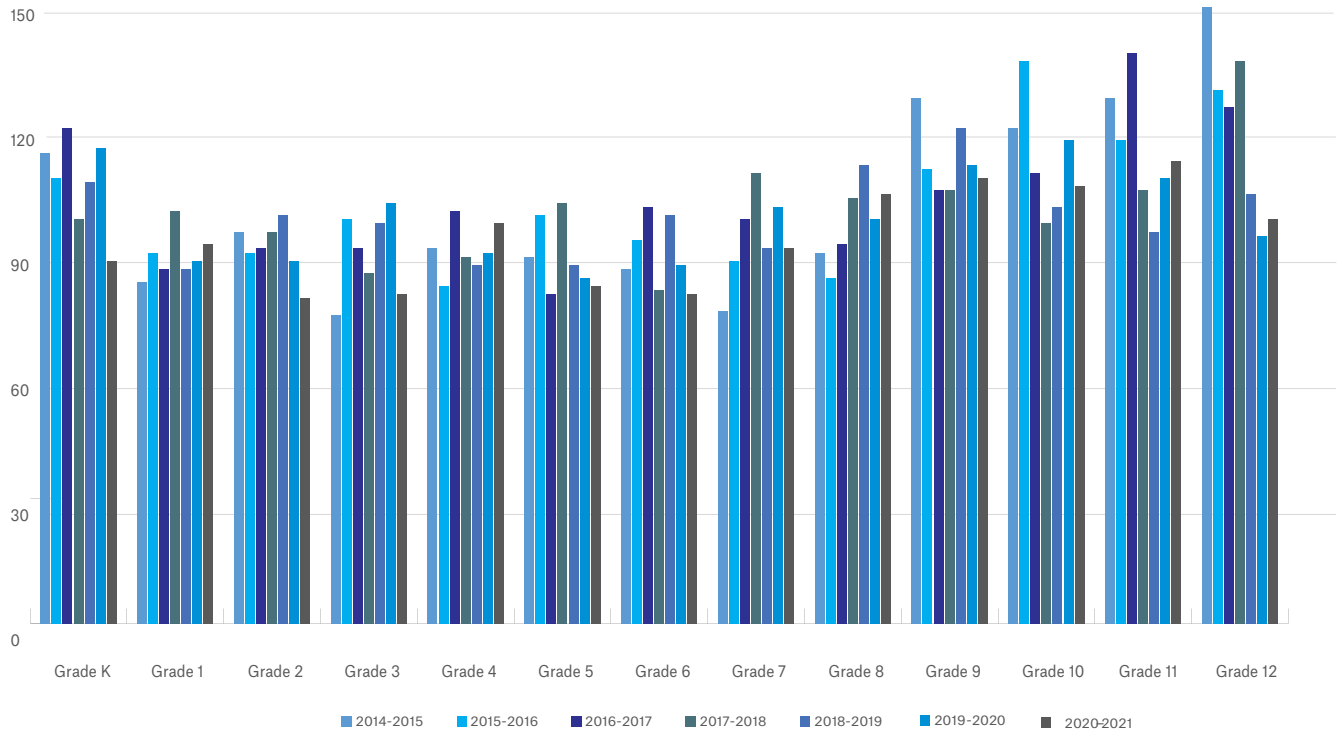
Ethnicity District-Wide By Year



Ethnicity By School (October 2020 CBEDS)

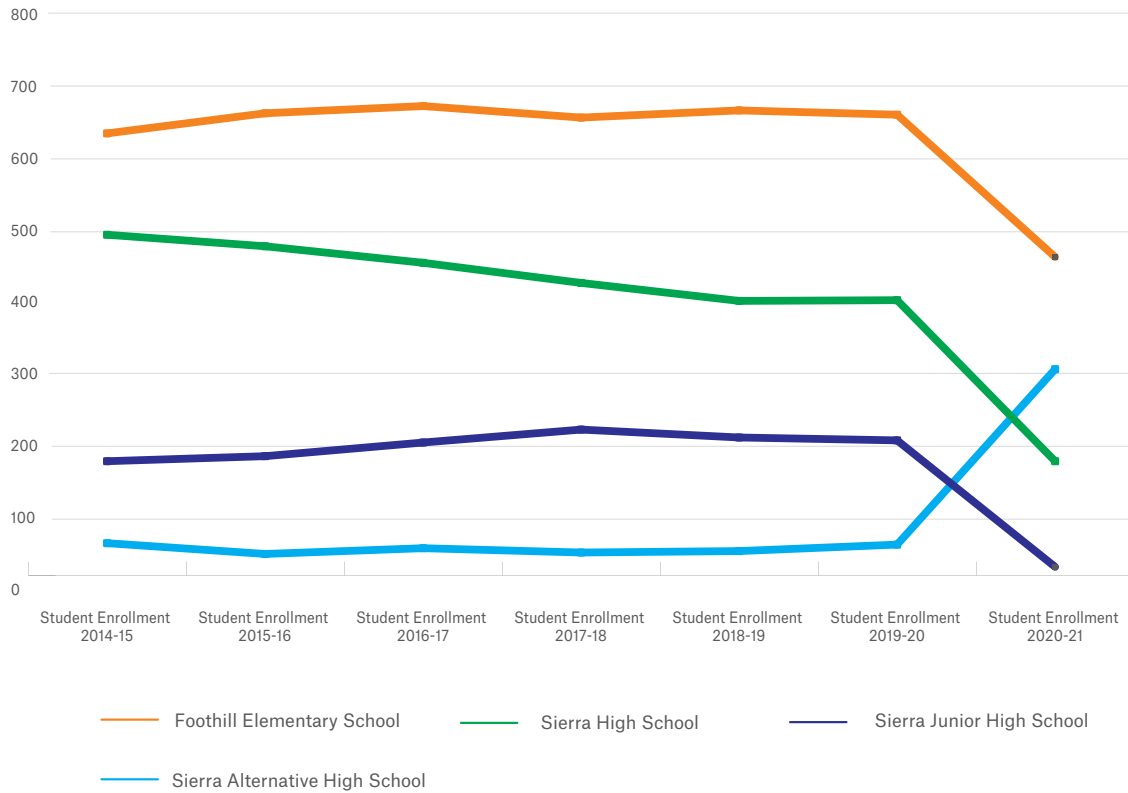
| School | Total | African American | American Indian or Alaska Native | Asian | Filipino | Hispanic or Latino | Pacific Islander | White | Two or More Races | Not Reported |
|-------------------------|--------------|------------------|----------------------------------|-------|----------|--------------------|------------------|-------|-------------------|--------------|
| Foothill Elementary | 443 | 4 | 77 | 3 | 1 | 91 | 0 | 354 | 12 | 1 |
| Sierra High | 315 | 0 | 33 | 1 | 4 | 54 | 0 | 215 | 7 | 1 |
| Sierra Junior High | 147 | 5 | 27 | 0 | 0 | 23 | 0 | 88 | 3 | 1 |
| Sierra Alternative High | 12 | 0 | 3 | 0 | 0 | 3 | 0 | 6 | 0 | 0 |
| Sierra @ Home | 287 | 1 | 33 | 3 | 2 | 54 | 0 | 172 | 22 | 0 |
| District Total | 1,204 | 10 | 173 | 7 | 7 | 225 | 0 | 735 | 44 | 3 |
| | | 1% | 14% | 1% | 1% | 19% | | 61% | 3% | |

District Enrollment By Year and Grade (October 2020 CBEDS)



| School Year | Total | Grade K | Grade 1 | Grade 2 | Grade 3 | Grade 4 | Grade 5 | Grade 6 | Grade 7 | Grade 8 | Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|-------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|
| 2014 - 2015 | 1,309 | 113 | 82 | 94 | 74 | 90 | 88 | 85 | 75 | 89 | 126 | 119 | 126 | 148 |
| 2015 - 2016 | 1,311 | 107 | 89 | 89 | 97 | 81 | 98 | 92 | 87 | 83 | 109 | 135 | 116 | 128 |
| 2016 - 2017 | 1,323 | 119 | 85 | 90 | 90 | 99 | 79 | 100 | 97 | 91 | 104 | 108 | 137 | 124 |
| 2017 - 2018 | 1,292 | 97 | 99 | 94 | 84 | 88 | 101 | 80 | 108 | 102 | 104 | 96 | 104 | 135 |
| 2018 - 2019 | 1,271 | 106 | 85 | 98 | 96 | 86 | 86 | 98 | 90 | 110 | 119 | 100 | 94 | 103 |
| 2019 - 2020 | 1,273 | 114 | 87 | 87 | 101 | 89 | 83 | 86 | 100 | 97 | 110 | 116 | 107 | 96 |
| 2020 - 2021 | 1,204 | 87 | 91 | 78 | 79 | 96 | 81 | 79 | 90 | 103 | 107 | 105 | 111 | 97 |

District Enrollment By Year and School

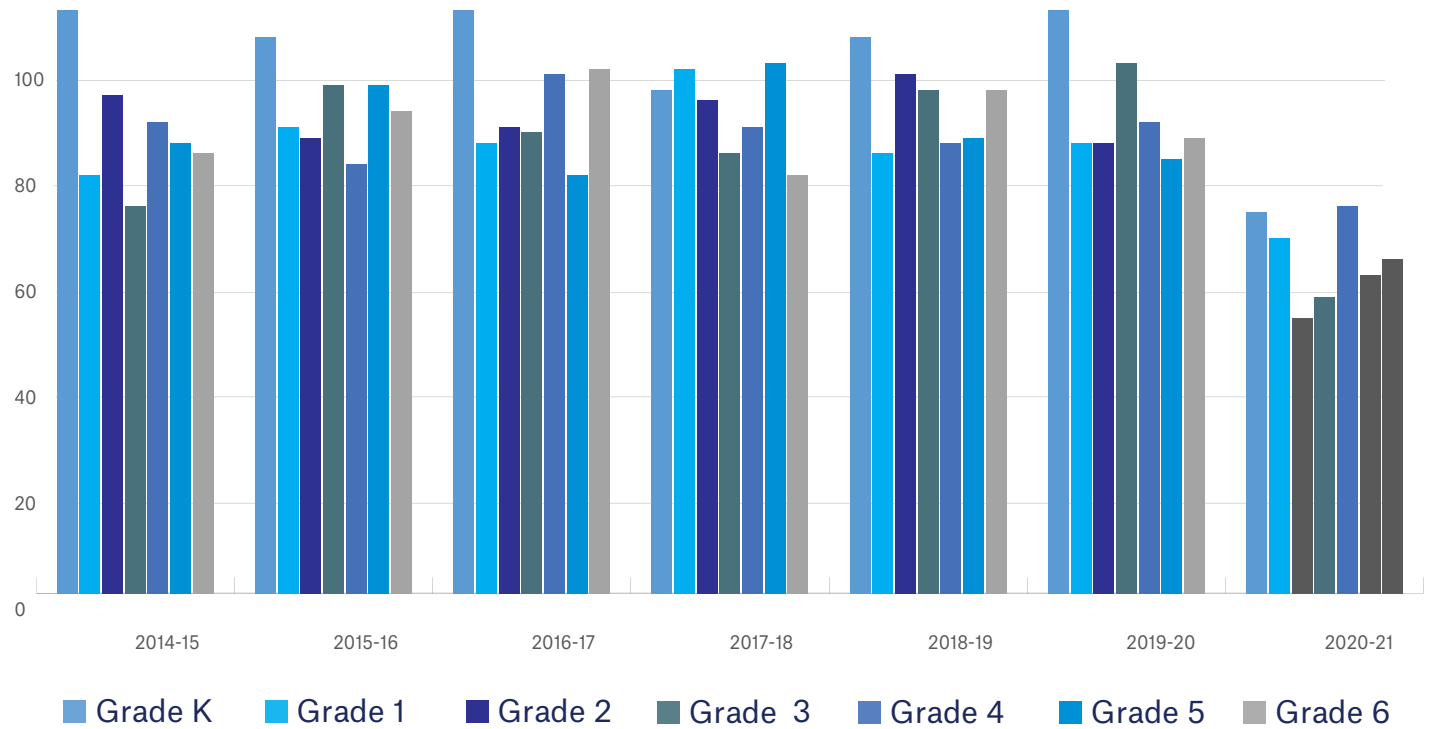


(CBEDS)

| School | 2014 - 2015 | 2015 - 2016 | 2016 - 2017 | 2017 - 2018 | 2018 - 2019 | 2019- 2020 | 2020- 2021 | Seven-Year Change | Percent Change |
|-------------------------|-------------|-------------|-------------|-------------|-------------|------------|------------|-------------------|----------------|
| Foothill Elementary | 615 | 643 | 653 | 637 | 647 | 641 | 443 | (172) | (28%) |
| Sierra High | 474 | 458 | 435 | 407 | 382 | 386 | 315 | (159) | (34%) |
| Sierra Junior High | 159 | 166 | 185 | 203 | 192 | 188 | 147 | (12) | (8%) |
| Sierra Alternative High | 45 | 30 | 38 | 32 | 34 | 43 | 12 | (33) | (73%) |
| Sierra @ Home | 0 | 0 | 0 | 0 | 0 | 0 | 287 | 287 | 100% |
| Lodge Pole | 8 | 9 | 9 | 6 | 13 | 15 | 0 | (8) | (100%) |
| Oak Meadows | 4 | 1 | 1 | 0 | 0 | 0 | 0 | (4) | (100%) |
| Pole Corral | 4 | 4 | 4 | 6 | 0 | 0 | 0 | (4) | (100%) |
| Totals | 1309 | 1311 | 1323 | 1292 | 1271 | 1273 | 1204 | (105) | (8%) |

School Enrollment History By Grade

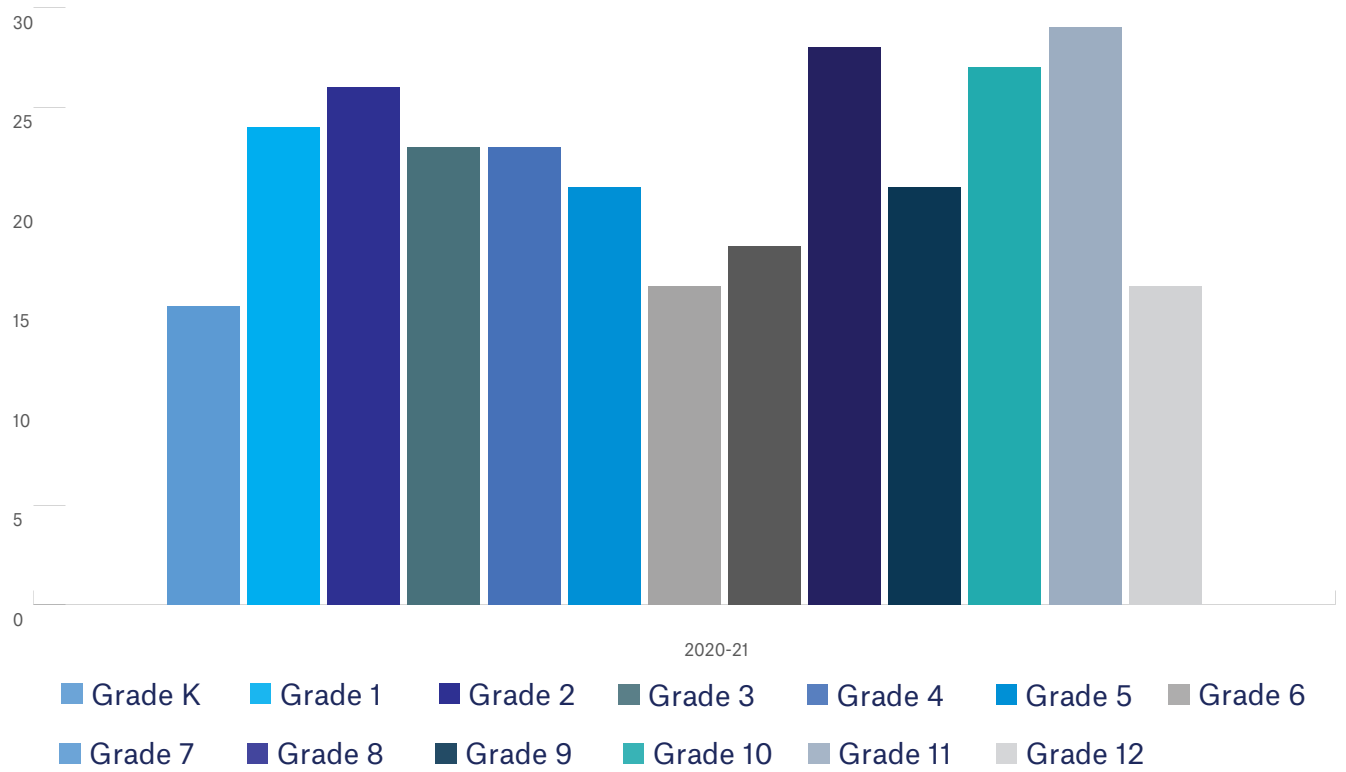
Foothill Elementary School Enrollment History by Grade



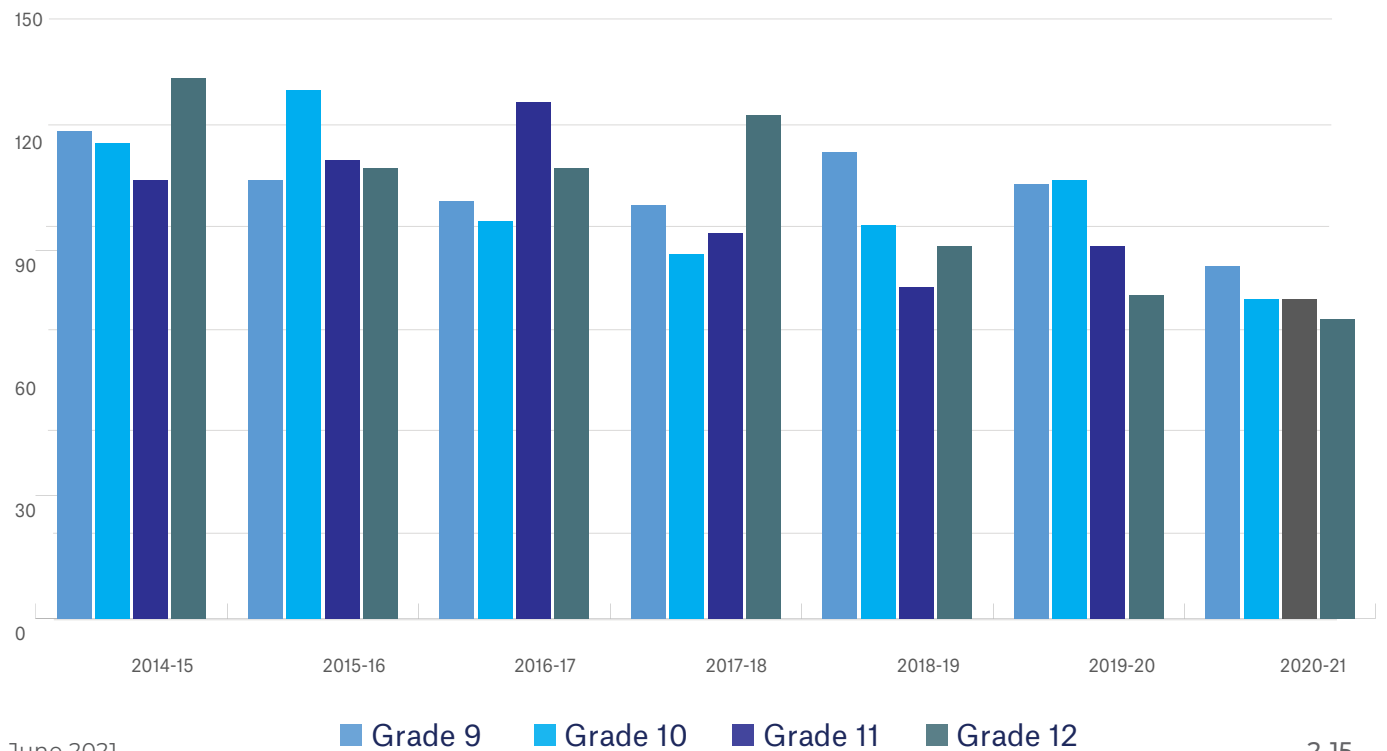
Sierra Junior High School Enrollment History by Grade



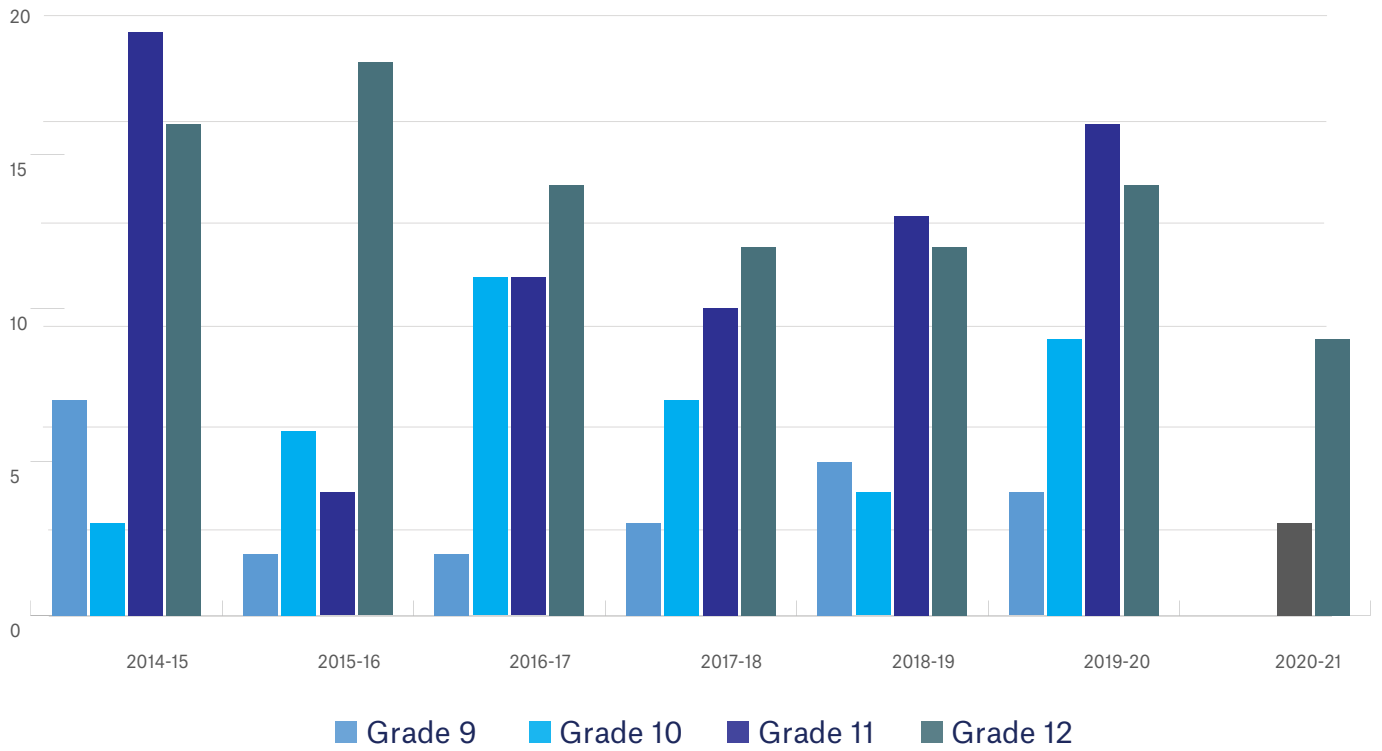
Sierra @ Home School Enrollment History by Grade



Sierra High School Enrollment History by Grade



Sierra Alternative High School Enrollment History by Grade



03 District / Community Outreach



District Planning Committee

There are many components and entities from the district and their community that contribute to the Long Range Facility Master Plan (LRFMP). One of them is the Planning Committee. This committee was the executive steering committee for the entire process. The Planning Committee for our LRFMP was made up of (14) members, which included District administrators, faculty and community members. The purpose of this committee was to:

- Assist in establishing the LRFMP process in assessing the districts needs and vision.
- Creating the Guiding Principles and goals of the LRFMP
- Validating the Focus Groups that were to be part of the District and community outreach
- Reviewing and validating the input and feedback we heard from all the focus groups.

The SIM-PBK updated and reported back to the planning Committee monthly. We received vital feedback from this committee throughout the process.

Focus Groups

In an effort to reach out to many different specific groups throughout the district and the community, we created and met with a Focus groups to gather thoughts and perspectives about the district's current facility needs and master plan growth of the campuses.

Please refer to Appendix for Focus Group Meeting Notes

- Athletics
- CTE
- Technology / IT
- Administration
- Food Service
- Pre-School Day Care Teachers
- K thru 6 Teachers
- 7 thru 12 Teachers
- Students
- Visual Arts Performing Arts
- Special Ed
- Agriculture
- Safety / Parking
- Maintenance / Operations
- Rancherias
- Community



Sierra High School/ Sierra Middle School



For each Focus Group, we conducted a RED - YELLOW - GREEN Light Exercise. We asked every group to tell us, relative to facilities.

- What has the district been doing that they should STOP doing - RED LIGHT
- What has the district been doing that they should continue to do with modifications - YELLOW LIGHT
- What has the district NOT been doing that they should START doing.... thinking big picture - GREEN LIGHT

A number of good ideas came from these groups using this exercise. Some of them have been incorporated into the Master Plan designs in this LRFMP. A complete record of thoughts / comments from all of the Focus Groups can be found in the Appendix of this LRFMP

Master Plan of Foothill Elementary School

After all the conversations and meetings with the Planning Committee and Focus Groups, a few big picture master plan concepts were developed. These ideas are as follows:

- Convert Locker Rooms at the Gym to wrestling room.
- Add Kindergarten Workroom and restroom solely dedicated to Kindergarten
- Add new parking lot with parent drop of near the front of the campus, separate from bus and staff parking.
- Add new pre-school campus with day care for before and after school program..

Refer to Master Site Plan drawings in this LRFMP reflecting these master plan concepts at Foothill Elementary School.



Master Plan of Sierra Elementary School

After all the conversations and meetings with the Planning Committee and Focus Groups, two big picture master plan concepts were developed. These concepts / options are as follows:

Elementary School Modernization

- Modernize / remodel all of the existing buildings to get the buildings finishes, equipment and infrastructure to current and useable order.
- Convert / relocate the Administration building to be located near the main parking lot / campus entry.
- Add new classroom buildings as needed.

Experiential Learning Center

- Create a campus that could be used by 4th thru 6th grade students within the district to experience first-hand and learn about; Forestry, Natural environment, Native American curriculum / culture and engineering such as hydrology.
- Experiential Learning Center campus could be made available to other districts to send their 4th thru 6th grade students to this campus for this experience, like that of Clovis USD's Sierra Outdoor School in Sonora, CA. This could be an overnight experience for these students.
- The following facility conversions and additions are proposed for this Experiential Learning Center campus:
 - Remove buildings to create more open spaces including outdoor amphitheater and shade shelters.
 - Convert building to dormitories.
 - Modernize / remodel classroom building to include science classrooms.
 - Create outdoor learning opportunities with outdoor learning paths, pavilions and observation huts

Refer to Master Site Plan drawings in this LRFMP reflecting these master plan concepts at Sierra Elementary School.

Master Plan of Sierra Junior High School and High School

After all the conversations and meetings with the Planning Committee and Focus Groups, a few big picture master plan concepts were developed. These ideas are as follows:

New Administration Building

- Replace the Administration Building with a new building. The new building will continue to serve both the Junior High School and High School. The proposed new location should be close to the original / current location, but better situated to create a more suitable front of campus appearance and approach. Its proposed location will also better serve the new proposed Junior High School campus buildings. The new location will preserve most of the existing large trees west of the existing Administration building. The architectural aesthetic of the new Administration building shall reflect much of the existing historic architectural vernacular relative to finishes, style of architectural and scale. Maintaining the existing trees will also help preserve the historic nature of the campus.

New Junior High School campus

- Provide a new Junior High School campus near the original / current location. The new campus will have new classroom buildings, new courtyard, new turf playfields, new hardcourts and new bus drop off all dedicated to only Junior HS. This new campus shall have its own campus identity.

New track and major Stadium upgrades

- The existing track is undersized and in disrepair. A new regulation track is proposed around the football field. The Stadium needs structural repairs, and architectural upgrades and infrastructure improvements. The current / existing stadium location continues to be the best location of an improved stadium.

New Event Center

- The new Event Center would be a large new building that would house the main gym for varsity indoor sports such as basketball, volleyball and wrestling. The event center would be large enough to have four full size basketball courts and built in bleachers in the main gym area. The Event Center will also house locker rooms, fitness center, and other support spaces. The location should be adjacent to the Football stadium. A new Snack bar / Ticket Sales building should be located in between the two for shared service.
- A new Event Center will allow for significant conversions to the two current existing gyms.
 - The current large gym should be converted to a gym dedicated to the Junior High School and other sports use. This master plan phase will further support the junior high School have its own identity and facilities. Medium to major renovations will be required at this gym. These include new HVAC for air conditioning, new gym flooring, new gym bleachers.



- The current small gym should be converted to a Multipurpose building dedicated to Junior High School. This master plan phase will further support the Junior High School have its own identity and facilities. The conversion to a Multipurpose building could be a facility for Junior High School cafeteria and other indoor gathering activities. Medium renovations will be required at this gym. These include new HVAC for air conditioning, many architectural upgrades as well as infrastructure improvements. Much of the original architectural integrity shall be preserved due to the age and history of this building.

New varsity Baseball field and new varsity Softball field

- A new varsity Baseball field is proposed at a new location south of the football stadium adjacent to existing practice ballfields. This is proposed due to the age and condition of the existing / current varsity baseball field. The proposed new location will allow for the new Event Center and will be adjacent to existing and enlarged parking lot near the Senior Center.
- The current existing varsity baseball field would be converted to junior varsity Baseball field.
- A new varsity Softball field is proposed at the current and existing junior varsity Softball field. This location will be adjacent to the new varsity Baseball field.
- The current existing varsity Softball field would be converted to junior varsity Softball field.

New added parking lots throughout the campus

- New added and enlarged existing parking lots are proposed throughout the campus. These include:
 - New parking lot at the northwest corner of the campus adjacent to the new Junior high School. This could serve the junior highs School as well as the Performing Arts Building.
 - New parking lot in between the bus building and the warehouse. This parking lot will be modest in size to preserve the memorial park. It will provide adjacent parking for maintenance staff, junior varsity baseball games and Performing Arts building.
 - New parking lot adjacent to the new Event Center. This will serve events at this new facility as well as events at the other sports venues.

Refer to Master Site Plan drawings in this LRFMP reflecting these master plan concepts at Sierra Junior High School and High School.



04 Facility Needs Assessments



Process Overview

In order to conduct a thorough review of District facilities, the Long Range Facilities Master Plan (LRFMP) team completed several steps related to the development of a comprehensive facilities evaluation. These included:

- 1. Conducting an initial site walk with District and SIM-PBK site staff.** This allowed the team to get to know each campus and the concerns regarding them. The team focused their efforts on both physical and functional issues, looking at building interiors and exteriors, classroom and space functionality, parking and drop-offs, and playfields, playgrounds, and hard courts.
- 2. Coordination and participation with Community and District.** The team conducted meetings to solicit information regarding ideas and priorities of community members, and staff, and what they felt each facility needed. The information assessed was then compiled, interpreted, presented, and used for continued investigations.
- 3. Physical assessments.** The SIM-PBK team of specialists walked each site with District personnel. Assessments were conducted by architectural, mechanical, electrical, and plumbing engineer team member reviewers to note concerns using a systematic approach.
- 4. Populating Needs Assessment Master Spreadsheet/ Database.** Team members imputed their field notes into the Needs Assessment Master Spreadsheet/ Database working document following the developed assessment categories, where the information was then used to determine quantities and unit costs of proposed actions. This document produced cost totals per site while priorities were added based on discussions with the District.



Assessment Categories



As part of the LRFMP process, the SIM-PBK team of architects, engineers, and specialists conducted site assessments for each facility, considering current and future needs in several areas. Categorized facility needs were then used to aid in project cost estimation for each school. The categories assessed included the following:

- **Civil.** Civil works refer to needed improvements on exterior site areas that will improve safety, accessibility, and building foundation stability. Civil items include:
 - Outdoor learning areas and shaded structures
 - Site walks
 - Site utility infrastructure
 - Playfield improvements
 - Parking lots and pavement additions, extensions, and improvement of traffic flow, including site signage

- **Architecture.** Architecture works refer to interior and exterior aesthetic and ease of use improvements, including meeting ADA compliance requirements. Architecture items include:
 - Interior improvements including flooring, ceilings, walls, trim, casework, teaching surfaces, and general aesthetics
 - Exterior improvements including roofs, doors, windows and general aesthetics
 - ADA compliance

- **Mechanical.** Mechanical works refer to heating, ventilating, and air conditioning improvements. Mechanical items include:
 - HVAC unit replacement

- **Electrical.** Electrical works refer to interior and exterior electrical components and applications, including upgrades for code compliance. Electrical items include:
 - Electrical panels
 - Interior and exterior lighting and controls
 - Code updates



- **Plumbing.** Plumbing works refer to interior and exterior water utility improvements. Plumbing items include:
 - Sinks and toilet fixtures
 - Piping upgrades
 - Code updates
 - Water fountains
- **Technology.** Technology works refer to improvements to communications. Technology items include:
 - Clock systems
 - Sound and PA systems
- **Life Safety and Security.** Life safety and security works refer to general site security and prevention of potentially dangerous incidences. Life safety and security items include:
 - Code compliance
 - Fire, gas, and security detection and prevention
- **Athletics/Activities.** Athletics/activity works refer to construction and/or improvements to facilities related to sports and fitness. Athletics/activities items include:
 - Locker room improvements
 - Track and field additions and improvements
 - Addition of storage areas for sports equipment
- **Food Service.** Food service works refer to improvements in food handling, preparation, and service. Food service items include:
 - Cafeteria facility improvements
 - Cooking and food preparation equipment upgrades



Priority Overview

In order to better facilitate the best use of District funds to improve facilities, projects were placed into priority categories based on information acquired from meetings with the District and facility site assessment by the SIM-PBK team. The priority categories are divided into time frames for action and certain type projects were identified for each. Figure 4-1 illustrates the category levels followed by more detailed explanation of each category. The priorities for each assessed item are reflected in the Needs Assessment Master Spreadsheet / Database.

Prioritization Summary

- **Priority 1 (Top Priority)** – Projects that will have the highest immediate impact using available funds.
 - **Priority 1A** Projects are a few categorical project types that are at the very top of the priority 1 projects. The Priority 1A projects were identified by the District.
- **Priority 2 (High Priority)** – Required maintenance and repair projects to ensure safety of occupants and protection of assets. These need to be completed as soon as funds are available.
- **Priority 3 (Medium Priority)** – Comprehensive building/classroom modernizations to enhance learning environments.
- **Priority 4 (Low Priority)** – Growth driven projects, including new classrooms and buildings based on projected long-term enrollment growth in the District.

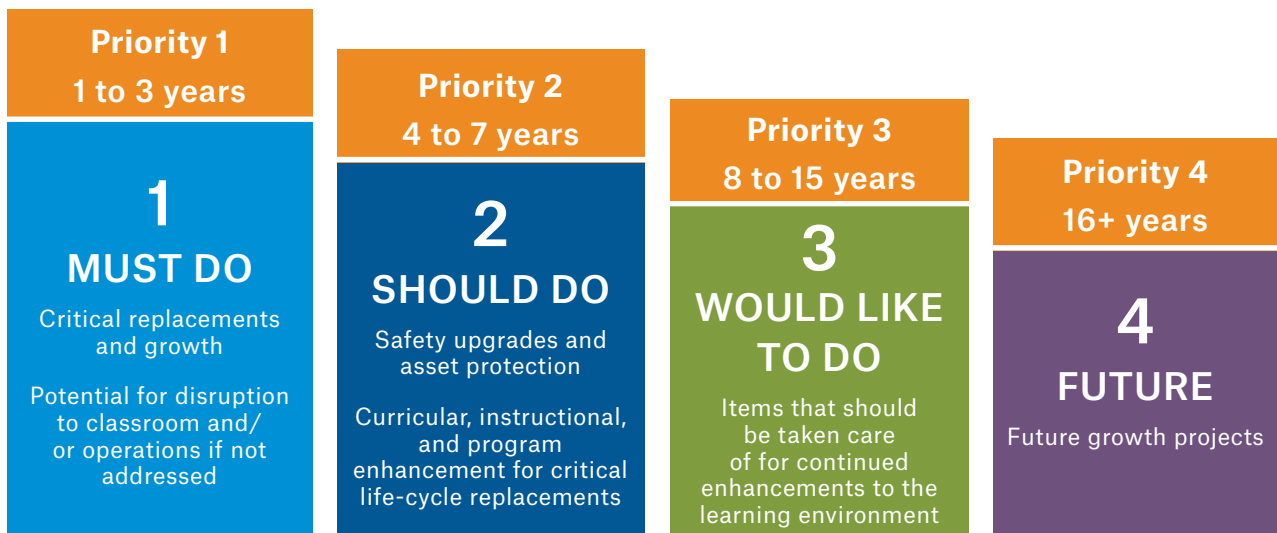


Figure 4-1
Priority Category Levels

A large number of Needs Assessment items were identified as Priority 1 projects. The LRFMP committees and the Board identified a number of Priority 1 projects that should be done before any other projects identified in the Needs Assessment. These projects are identified as Priority 1A projects. They can be grouped in the following project categories:

- Electrical Switchgear replacement at Sierra HS / JrHS
- New Well at Foothill ES
- Roof Replacement at Sierra HS / Jr HS and Foothill ES
- Restroom & Drinking Fountain upgrades at Sierra HS / Jr HS and Foothill ES
- HVAC upgrades at Sierra HS / Jr HS and Foothill ES
- Funding for Priority 1A projects could come from district facility funds and the sale of Auberry ES.

The Needs Assessment Master Spreadsheet is a living document that can be changed by the district any time. This Master Spreadsheet prioritizes all of the identified needs assessment items in priorities as mentioned above. These priorities were assessed by the LRFMP team at the time of the assessment. These priorities can be changed whenever the district sees appropriate as the needs may change. There are many reasons that could cause the district to change the priorities. This includes, grouping projects together to address the needs assessment and specific funding opportunities to do certain needs assessment items sooner than originally planned.

How Cost Estimates Were Developed

After gathering data and information from the district meetings, onsite inspections, and community, we were able to determine individual components needed to be incorporated into the LRFMP project for the SUSD. In the cost estimating, each line item identifies components of work needed and is categorized.

As presented in the cost documents, we have categorized and noted priorities of each line item for each school facility. Furthermore, we listed each area of every facility into the work that needs to be done with its corresponding priority. The priority was established at the initial phases of the project during district and community meetings as outlined in the Community Outreach section of the LRFMP. Each priority includes an accompanying percentage cost of escalation based on timeline into the future.

Each line item cost included in the SmartSheets located in the Appendix is based on a larger, DSA approval, contractor design-bid-build project delivery where each item is part of a larger project. Each line item cost includes the following:

- Labor
- Materials
- General Contractor’s Overhead and Profit
- General Conditions
- Insurance and Bonds
- Soft Costs (including architectural/engineering fees, DSA fees, testing, inspector fees, legal fees, reimbursables, furniture, and equipment)
- Contingency
- Escalation

The resources used in order to determine the cost and prices of the project is mentioned in the listed below Resource Information. Disclaimer to the project costing are fluctuations of prices depending on current economic trend and economy.

Resources Information:

1. SIM-PBK Database
2. Book: Current Construction Remodeling/Repair Costs 2020
55th Annual Edition, Sierra West Publishing ISBN 979-1-937984-32-8



05 School Facilities - Master Plans

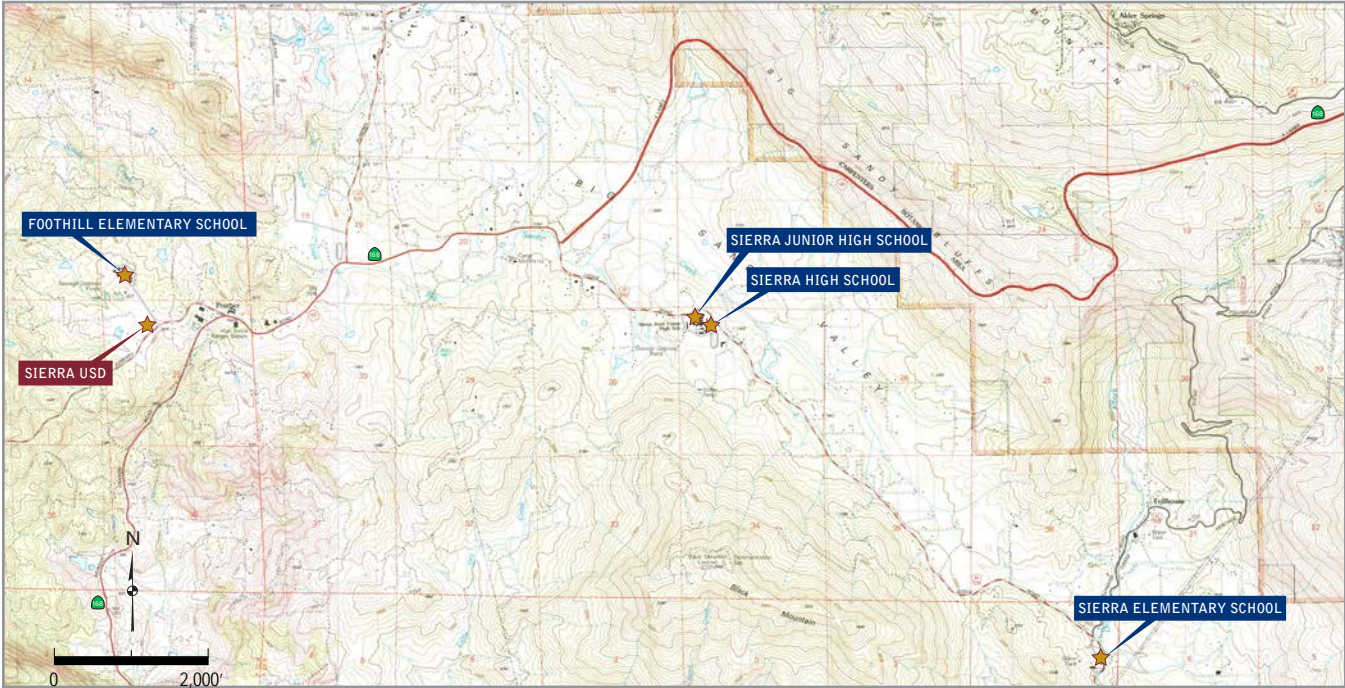


The Sites

This section includes the individual school and district sites of Sierra Unified School District (SUSD) and provides site information, assessment findings, community comments, existing site plans, proposed master site plans, and projected costs by categories.

The sites included are:

- 1. Sierra High School / Sierra Junior High School
- 2. Foothill Elementary School
- 3. Sierra Elementary School



Source: USGS, 7-Minute Quadrangle

Figure 5-1
School Site Locations

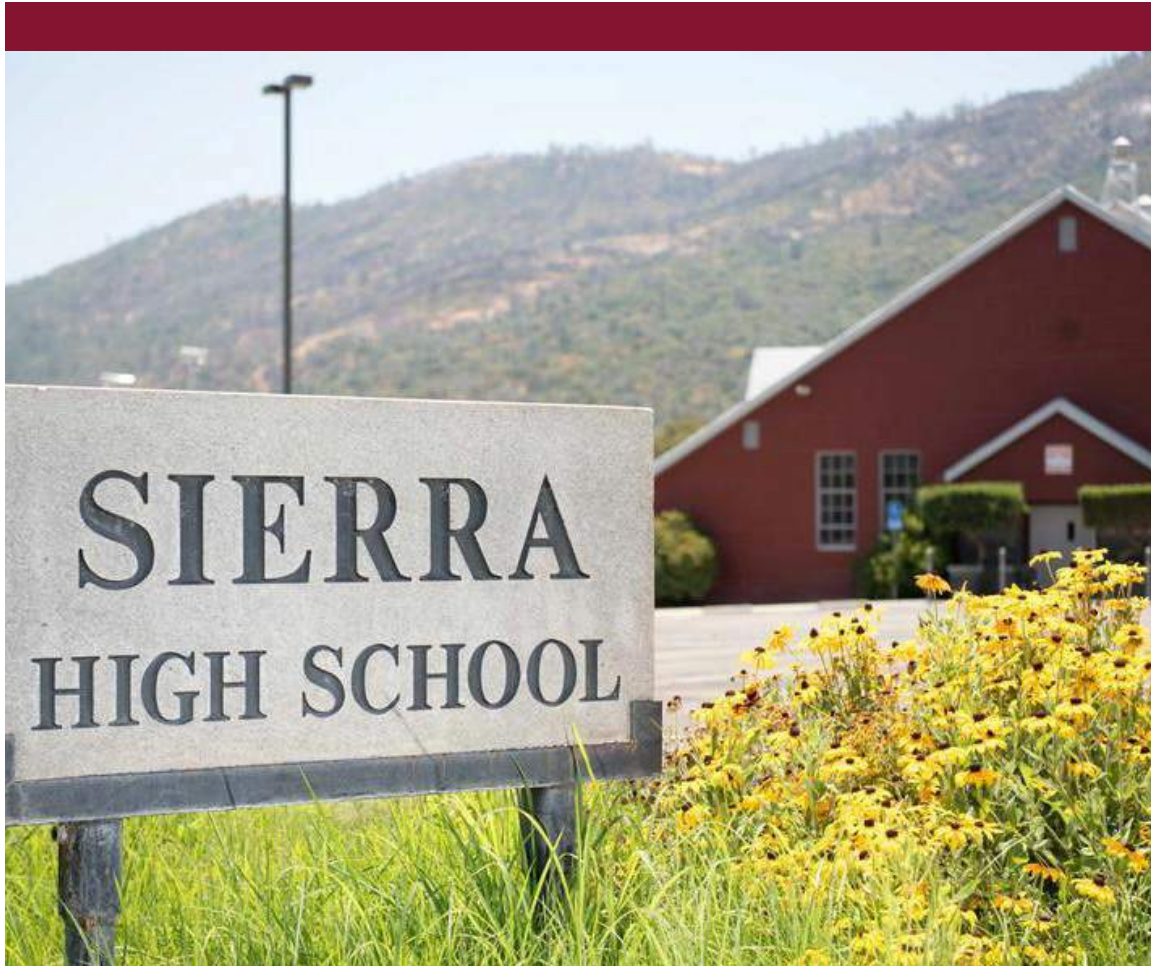
SIERRA

HIGH SCHOOL

SIERRA

JUNIOR HIGH

SIERRA UNIFIED SCHOOL DISTRICT



About the School:

Address:
 33326 Lodge Rd.
 Tollhouse , CA 93667
 Phone: (559) 855-8311
 Principal: Sean Osterberg

Statistics

| | |
|------------------------------|--------------------------|
| Classification Grades | High/Middle School, 7-12 |
| Original Building Completedv | 1933 |
| Building Area | 68,982 square feet |
| Current Enrollment | 462 (as of 2020/2021) |

SIERRA HIGH SCHOOL & SIERRA JUNIOR HIGH

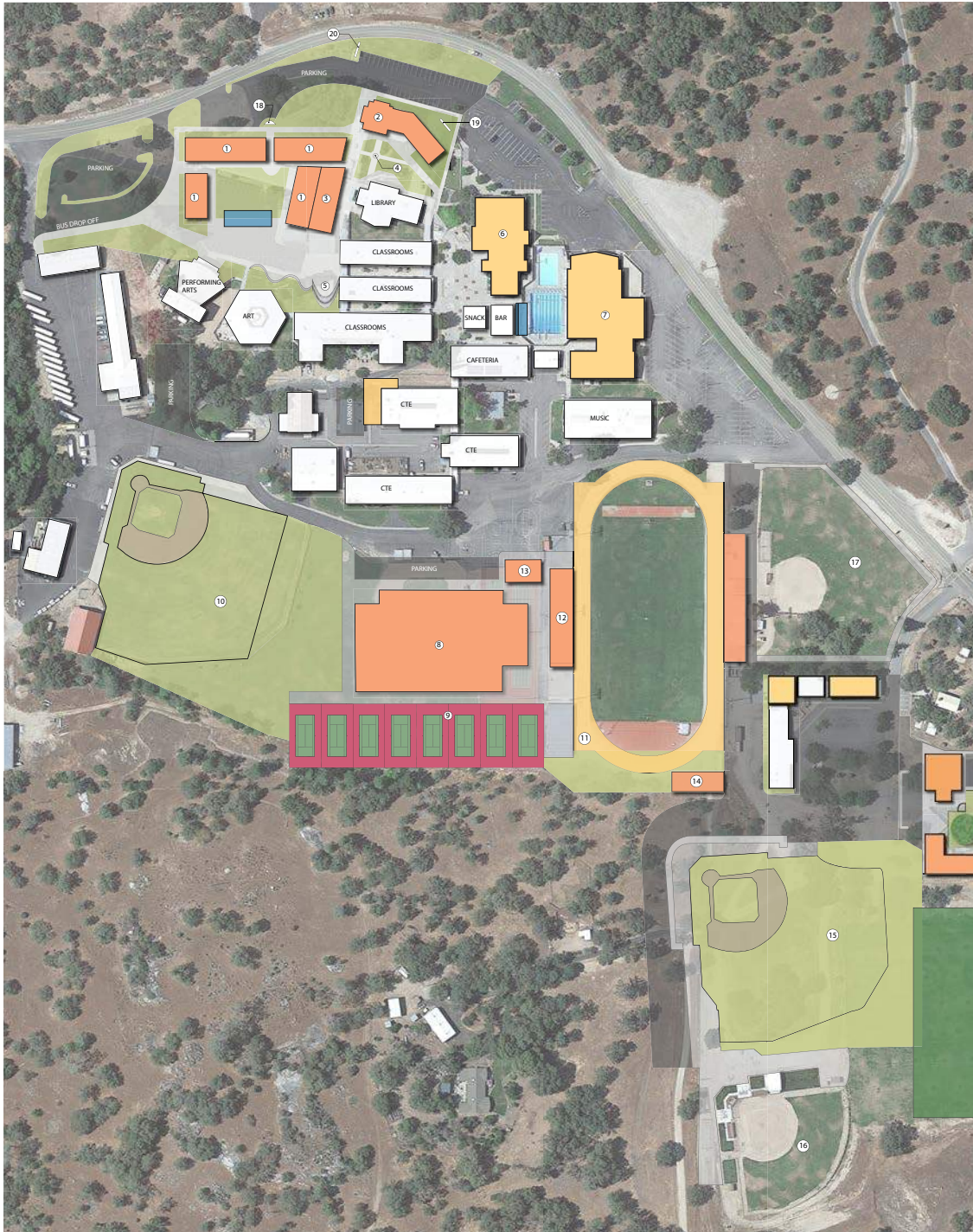
SITE MAP - EXISTING CAMPUS



LEGEND
 □ EXISTING BUILDING

SIERRA HIGH SCHOOL & SIERRA JUNIOR HIGH

PROPOSED SITE PLAN



LEGEND

- | | | | |
|-----------------------------------|-----------------------------|--------------------------------|------------------------------|
| NEW BUILDINGS & ADDITIONS | ① NEW JRHS CLASSROOMS | ⑨ NEW TENNIS COURTS | ⑱ NEW JRHS MARQUEE SIGN |
| SHADE STRUCTURES & COVERED SPACES | ② NEW ADMINISTRATION | ⑩ CONVERSION TO JV BASEBALL | ⑲ NEW HS MARQUEE SIGN |
| MAJOR REMODEL OF (E) SPACES | ③ NEW CLASSROOMS BLDGS (HS) | ⑪ NEW TRACK | ⑳ NEW JRHS & HS MARQUEE SIGN |
| AC PAVING | ④ RELOCATED CHIEFTAIN HEAD | ⑫ NEW STADIUM GRANDSTANDS | |
| CONCRETE | ⑤ NEW AMPHITHEATER | ⑬ NEW SNACK BAR / TICKET BOOTH | |
| TURF | ⑥ CONVERSION TO JRHS MPR | ⑭ NEW FIELD HOUSE | |
| EXISTING BUILDING MODERNIZATION | ⑦ CONVERSION TO JRHS GYM | ⑮ NEW VARSITY BASEBALL STADIUM | |
| NEW PLAYFIELDS | ⑧ NEW EVENT CENTER | ⑯ NEW VARSITY SOFTBALL STADIUM | |
| | | ⑰ CONVERSION TO JV SOFTBALL | |



SIERRA ALTERNATIVE EDUCATION

SITE MAP - EXISTING CAMPUS



LEGEND
□ EXISTING BUILDING

SIERRA ALTERNATIVE EDUCATION

SITE MAP - PROPOSED



| LEGEND | |
|--------|---------------------------------|
| | NEW BUILDINGS & ADDITIONS |
| | MAJOR REMODEL OF (E) SPACES |
| | AC PAVING |
| | CONCRETE |
| | TURF |
| | EXISTING BUILDING MODERNIZATION |
| | NEW PLAYFIELDS |
| ① | NEW PRACTICE FIELDS / SOCCER |
| ② | NEW ALT ED ADMIN / LIBRARY |
| ③ | NEW ALT ED CLASSROOM BLDG |
| ④ | NEW ALT ED RESTROOM BLDG |
| ⑤ | COURTYARD |
| ⑥ | PLAYCOURTS |
| ⑦ | ALT ED CTE (CULINARY ARTS) |
| ⑧ | REFURISHED TO MEETING SPACES |

SIERRA ADULT CENTER

SITE MAP - EXISTING CAMPUS



LEGEND
□ EXISTING BUILDING

SIERRA ADULT CENTER

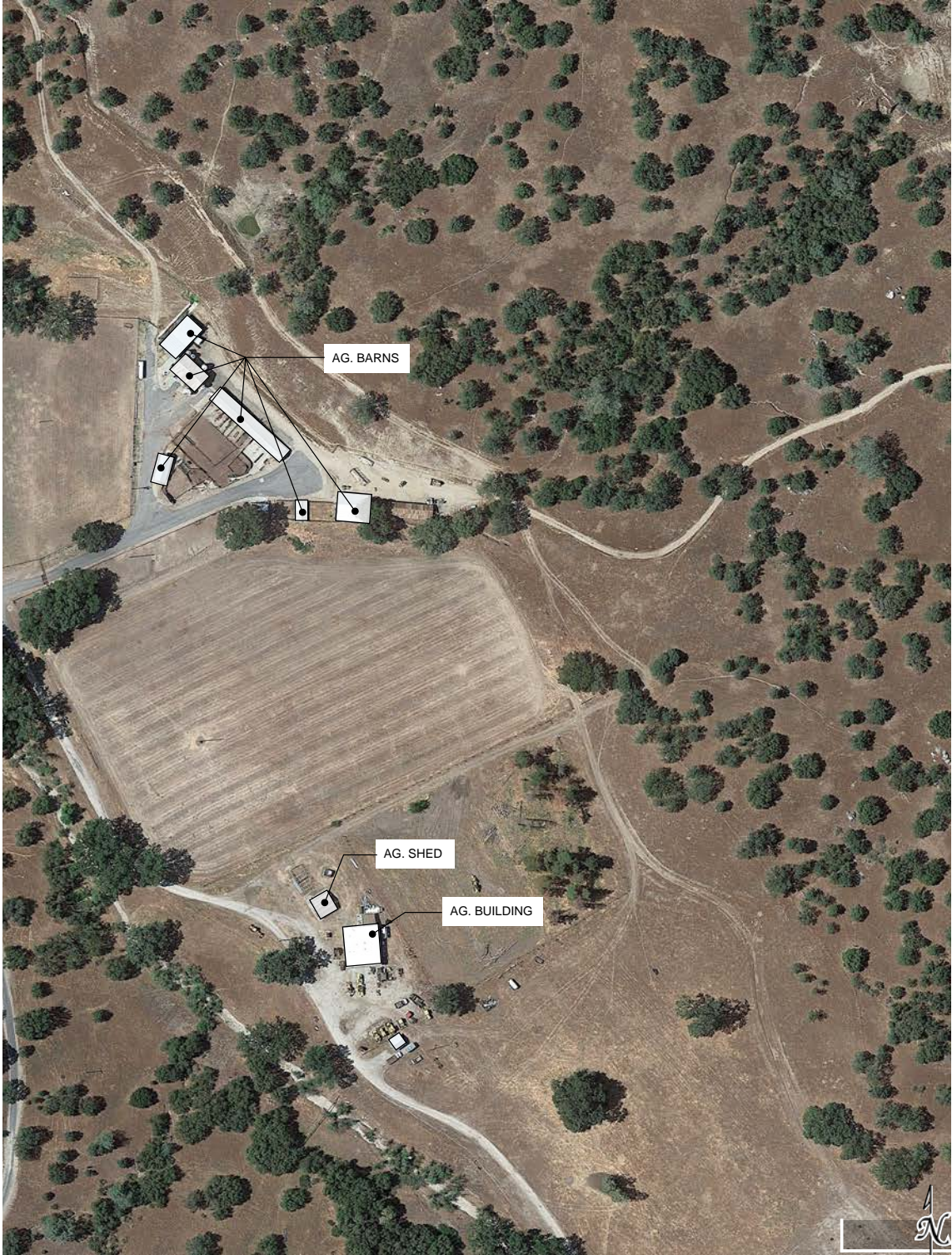
SITE MAP - PROPOSED



| LEGEND | |
|---|---------------------------|
|  | NEW BUILDINGS & ADDITIONS |
|  | AC PAVING |
|  | CONCRETE |
|  | TURF |
|  | CLASSROOMS |
|  | CTE |
|  | ADMINISTRATION |
|  | MPR |

SIERRA AGRICULTURE FARM

SITE MAP - EXISTING CAMPUS



LEGEND
□ EXISTING BUILDING

SIERRA AGRICULTURE FARM

SITE MAP - EXISTING CAMPUS



LEGEND

- NEW BUILDINGS & ADDITIONS
- SHADE STRUCTURES & COVERED SPACES
- MAJOR REMODEL OF (E) SPACES
- CONCRETE

- ① MODERNIZE CLASSROOM / SHOP
- ② NEW JUDGING PAVILLION & MEATS LAB CLASSROOM
- ③ MODERNIZE BARN
- ④ MODERNIZE FEED MILL
- ⑤ NEW BARN
- ⑥ NEW TRACTOR SHED

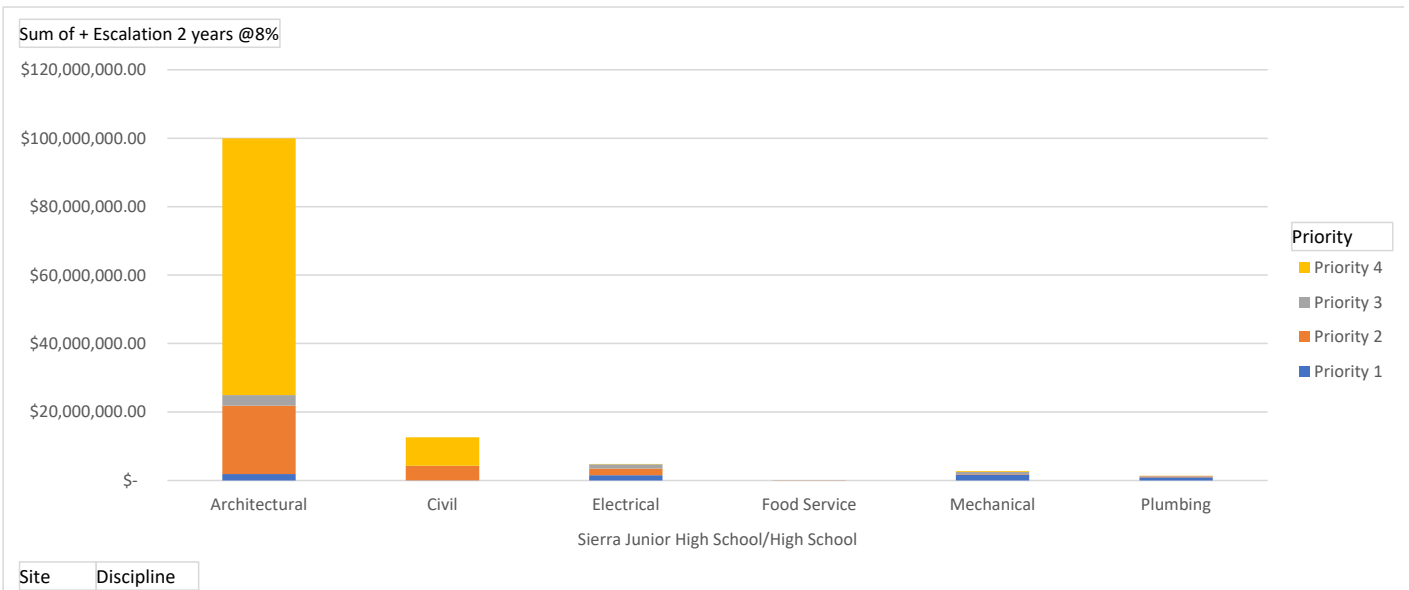
- ⑦ NEW GREEN HOUSE
- ⑧ NEW SHADE HOUSE
- ⑨ NEW POLE BARN



SIERRA HIGH SCHOOL SIERRA JUNIOR HIGH



Sierra Unified School District Long Range Facility Master Plan



Summary of Costs By Site and Priority

| Sum of + Escalation 2 years @8% | Column Labels | | | | |
|--|------------------------|-------------------------|------------------------|-------------------------|--------------------------|
| School Site | Priority 1 | Priority 2 | Priority 3 | Priority 4 | Grand Total |
| Sierra Junior High School/High School | \$ 6,004,024.49 | \$ 26,564,391.65 | \$ 5,089,420.56 | \$ 83,771,717.31 | \$ 121,429,554.01 |
| Architectural | \$ 1,853,222.07 | \$ 19,989,457.36 | \$ 3,061,368.66 | \$ 75,065,108.91 | \$ 99,969,157.00 |
| Civil | \$ 21,298.99 | \$ 4,235,595.00 | \$ 0 | \$ 8,309,834.00 | \$ 12,566,727.99 |
| Electrical | \$ 1,525,620.98 | \$ 1,929,010.98 | \$ 1,234,212.04 | \$ 83,582.41 | \$ 4,772,426.41 |
| Food Service | \$ 0 | \$ 9,681.36 | \$ 40,339.00 | \$ 0 | \$ 50,020.36 |
| Mechanical | \$ 1,716,263.09 | \$ 103,267.84 | \$ 644,617.22 | \$ 271,884.86 | \$ 2,736,033.01 |
| Plumbing | \$ 887,619.36 | \$ 297,379.11 | \$ 108,883.63 | \$ 41,307.14 | \$ 1,335,189.23 |
| Grand Total | \$ 6,004,024.49 | \$ 26,564,391.65 | \$ 5,089,420.56 | \$ 83,771,717.31 | \$ 121,429,554.01 |

FOOTHILL ELEMENTARY

SIERRA UNIFIED SCHOOL DISTRICT



About the School:

Address:
29147 Auberry Road
Prather, CA 93651
Phone: (559) 855-3551
Principal: Danielle Amundsen

Statistics

| | |
|-----------------------------|-----------------------------------|
| Classification Grades | Elementary School, Grades TK-6 |
| Original Building Completed | 1993 |
| Building Area | 42,950 square feet |
| Current Enrollment | 443 (as of 2020-2021) |

FOOTHILL ELEMENTARY

SITE MAP - EXISTING CAMPUS



LEGEND
□ EXISTING BUILDING

FOOTHILL ELEMENTARY

SITE MAP - PROPOSED



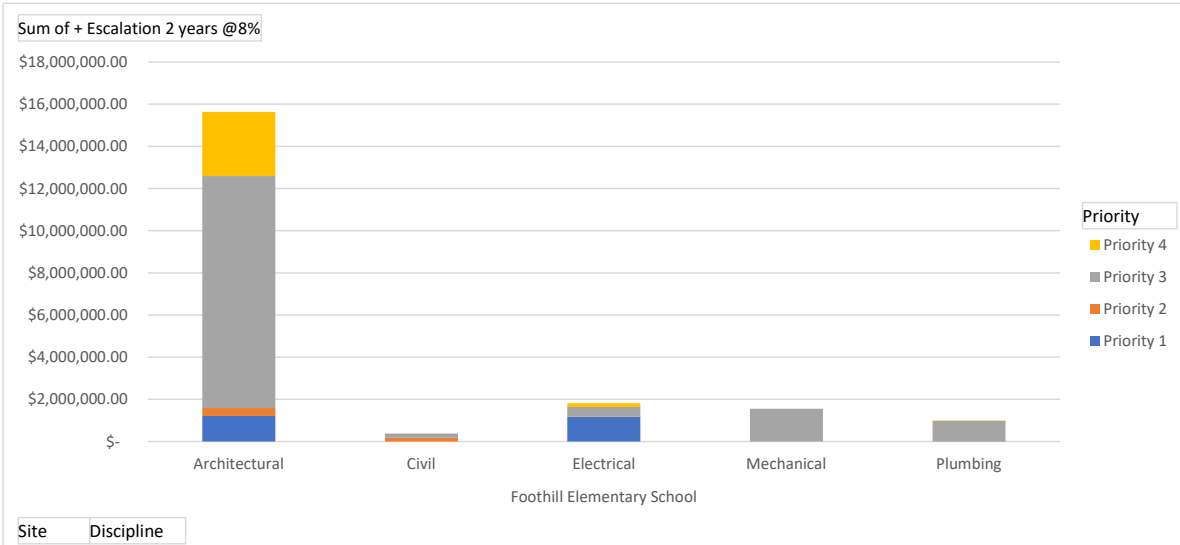
LEGEND

- | | |
|---|--|
|  NEW BUILDINGS & ADDITIONS | ① ADDED KINDERGARTEN CLASSROOM & REMODEL FOR NEW WORK ROOM & WORK ROOM - RESTROOMS |
|  SHADE STRUCTURES & COVERED SPACES | |
|  MAJOR REMODEL OF (E) SPACES | ② NEW PRESCHOOL - TK BUILDINGS (5) CLASSROOMS |
|  AC PAVING | ③ WRESTLING ROOM CONVERSION |
|  CONCRETE | |
|  TURF | |
|  EXISTING BUILDING | |

FOOTHILL ELEMENTARY



Sierra Unified School District Long Range Facility Master Plan



Summary of Costs By Site and Priority

| Sum of + Escalation 2 years @8% | Column Labels | | | | | |
|-----------------------------------|------------------------|----------------------|-------------------------|------------------------|-------------------------|--|
| School Site | Priority 1 | Priority 2 | Priority 3 | Priority 4 | Grand Total | |
| Foothill Elementary School | \$ 2,390,182.56 | \$ 577,092.96 | \$ 14,174,511.36 | \$ 3,234,866.70 | \$ 20,376,653.58 | |
| Architectural | \$ 1,210,670.20 | \$ 378,947.79 | \$ 11,002,697.83 | \$ 3,036,721.53 | \$ 15,629,037.36 | |
| Civil | | \$ 177,491.60 | \$ 201,695.00 | | \$ 379,186.60 | |
| Electrical | \$ 1,178,221.51 | \$ 12,908.48 | \$ 446,723.77 | \$ 179,105.16 | \$ 1,816,958.92 | |
| Mechanical | | | \$ 1,556,294.76 | | \$ 1,556,294.76 | |
| Plumbing | \$ 1,290.85 | \$ 7,745.09 | \$ 967,100.00 | \$ 19,040.01 | \$ 995,175.95 | |
| Grand Total | \$ 2,390,182.56 | \$ 577,092.96 | \$ 14,174,511.36 | \$ 3,234,866.70 | \$ 20,376,653.58 | |

SIERRA ELEMENTARY SCHOOL

SIERRA UNIFIED SCHOOL DISTRICT



About the School:

Address:
Tollhouse Road
Tollhouse, CA 93667

Statistics

| | |
|-----------------------------|-------------------------------|
| Classification Grades | Elementary School, Grades 1-6 |
| Original Building Completed | 1960's |
| Building Area | 38,523 square feet?? |
| Current Enrollment | 0 (as of 2018/2019) |

SIERRA ELEMENTARY SCHOOL

SITE MAP - EXISTING CAMPUS



LEGEND
□ EXISTING BUILDING

SIERRA ELEMENTARY SCHOOL

SITE MAP - PROPOSED MODERNIZATION



| LEGEND | |
|--|------------------|
| NEW BUILDINGS & ADDITIONS | ① CLASSROOMS |
| SHADE STRUCTURES & COVERED SPACES | ② VEHICULAR GATE |
| MAJOR REMODEL OF (E) SPACES | ③ ADMINISTRATION |
| AC PAVING | |
| CONCRETE | |
| TURF | |
| EXISTING BUILDING MODERNIZATION | |

06 Implementation



District has not ever passed a local G.O. bond as a unified district

Sierra USD is looking to go after a G.O. bond in November 2022.

Funding Overview

State School Building Program/Federal

Sierra Unified School District (SUSD) has previously been active in the State School Building Program, bringing to the District for the modernization of Auberry ES, Sierra ES, and Sierra HS under the current State School Facilities Program (SFP). The District does not currently collect developer fees. Should development occur within our district boundaries that would necessitate adding additional schools, developer fees would be collected and utilized for projects impacted by such developments.

The State Building Program funding comes from statewide facility bonds passed from 1982 to 2020. There have been 16 propositions attempted and 15 propositions passed statewide for facility funding bringing \$61.68 billion in facility funding. The current SFP was implemented in 1998 under Proposition 1A with funding provided in the form of per-pupil grants, with supplemental grants for site acquisition, multi-level construction, service site, off-site utilities, small school, and 50-year-old buildings. The total amount of facility funding needed for California schools during the next decade for new construction and modernization is expected to be \$117 billion (in 2018 dollars); according to recent studies in California, we pay the highest cost-per-square-foot and have the smallest schools of the 10 most populous states.

The State Allocation Board (SAB) is responsible for determining the allocation of state resources including proceeds from General Obligation Bond issues and other designated state funds used for the new construction and modernization of state school facilities. The SAB is also charged with the responsibility for the administration of the state SFP. The SAB is the policy level body for the programs administered by the Office of Public School Construction (OPSC).





The OPSC, as staff to the SAB, implements and administers the SFP and other programs. The OPSC is charged with the responsibility of verifying that all applicant school districts meet specific criteria based on the type of funding that is being requested. The OPSC prepares recommendations for the SAB's review and approval.

The SFP provides state funding assistance for two major types of facilities construction projects: new construction and modernization. The process for accessing the state assistance for this funding is divided into two steps which include 1) an application for eligibility and 2) an application for funding.

Applications for Eligibility

Applications for eligibility are approved by the SAB and this approval establishes that a school district meets the criteria under law to receive assistance for new construction or modernization. Eligibility applications do not result in state funding. In order to receive the funding for eligible projects, a district must file a funding application with the OPSC for approval by the SAB.

For modernizations, it is site specific with the building age — 20-year-old portables and 25-year-old permanent classrooms to become eligible. For new construction, a district must demonstrate that existing seating capacity is insufficient to house the pupils existing and anticipated in the district using a five-year projection of enrollment. Once the new construction eligibility is determined, a “baseline” is created that remains in place as the basis of all future applications. The baseline is adjusted for changes in enrollment and for facilities added by the district. Projecting enrollment into the future involves using current and historical California Basic Educational Data System (CBEDS) enrollment data for the district. The data collected is then projected into the future for five years using a method known as Cohort Survival Projection.

Applications for Funding

Applications for funding occur after a district has established eligibility for a project and has the required 50 percent match for new construction and 40 percent match for modernization. The SAB 50.04 application for funding is approved after the district has acquired a site for a project and after the plans are approved by the Division of the State Architect (DSA) and the California Department of Education (CDE). For any new construction application, the request for funding must be submitted prior to occupancy of any classroom and there is no timeline for site-specific modernization applications. Although the State will only reimburse applications contracted after August 1996 provided the district has all documents to support an audit of the project.

Passed on November 8, 2016, Proposition 51 funds are oversubscribed by almost \$2+ billion of new construction and modernization. Although Proposition

51 bond authority is exhausted, the state is still accepting applications for placement on their “acknowledgment list”. Applications placed on this list are simply reviewed to ensure the packages contain the required elements, but they are not reviewed in any detail nor are they approved by the SAB. Historically, when additional state bond funds became available to the SFP, and even when the state facilities funding program has changed, this “backlog” is reviewed and approved for funding. While there is no guarantee that this practice will continue, it is highly recommended that districts continue to apply for funding as long as the state is accepting applications.

Funding for school facilities is always in a state of flux at the state level, especially during these current times. There currently is no state program for funding as there has been in the past. A state program for school facility funding will be considered in 2022 and possibility on the ballot. Until then, school districts need to look for alternative funding sources. Many school districts utilize funding consultants to help them identify these alternate funding sources. Funding consultants can also assist the districts when there is a state funding program. Its is recommended Sierra USD utilize a funding consultant to assist in identifying funding opportunities.



- General Obligation Bonds
- Capital Outlay Funds



- Developer Fees



- State School Facility Program (SFP)
 - New Construction
 - Modernization
 - Specialized Programs
- Competitive Federal and State Grants

District/Developer

SUSD summaries in Table 6-1 (dated June 2021) show possible funds available for facility upgrades in the District.

Table 6-1
Project Fund Balance (as of June 2021)

| Fund* | Balance | Notes |
|--------------|--------------------|--|
| 01 | \$1,574,079 | General Fund (less 3 percent plus 6 percent state and board required reserves) |
| 17 | \$78,238 | Special Reserve |
| 40 | \$2,489,055 | Special Reserve |
| 25 | \$22,268 | Developer Fees |
| Total | \$4,160,640 | |



State Funding Eligibility

The following charts, prepared by Jack Schreder & Associates, Inc., include both modernization and new construction funding that the District is eligible to receive. The current programs require a 50 percent District contribution on new construction and 40 percent District contribution on modernizations. Those sites with higher eligibility dollars should be considered first to be matched by limited District dollars to maximize project opportunities.

Table 6-2
2019/2020 State New Construction Funding Estimate

| School Name | Estimated Eligibility Totals ^[1] | Base Grant | Fire Detection Alarm | Project Assistance | State Share (50%) | District Share (50%) | Total Project Eligibility ^[2] | 60% Commensurate |
|--------------|---|-------------|----------------------|--------------------|-------------------|----------------------|--|------------------|
| Districtwide | 441 | \$5,412,999 | \$6,761 | \$7,460 | \$5,427,220 | \$5,427,220 | \$10,854,440 | \$6,512,664 |

Source: Jack Schreder & Associates, Inc., 2019/2020

Table 6-3
2019/2020 State Modernization Funding Estimate

| School Site | Grant Estimates Based on 2019 Pupil Grants ^[1] | | | | Facility Information | |
|------------------------------|---|----------------------|-------------------------|----------------------|---------------------------|---------------------------|
| | Minimum | | Maximum | | Date Permanent Elig Again | Date Portables Elig Again |
| | Total State Grant @ 60% | District Share @ 40% | Total State Grant @ 60% | District Share @ 40% | | |
| Foothill Elementary | \$3,339,343 | \$2,226,229 | \$5,019,889 | \$3,346,593 | n/a | n/a |
| Sierra Junior High | \$1,376,472 | \$917,648 | \$1,892,736 | \$1,261,824 | n/a | n/a |
| Sierra High School | \$0 | \$0 | \$0 | \$0 | n/a | n/a |
| Sierra Alternate High School | \$395,277 | \$263,518 | \$536,818 | \$357,878 | n/a | n/a |
| Sierra @ Home | \$0 | \$0 | \$0 | \$0 | | |
| Totals | \$5,111,092 | \$3,407,394 | \$7,449,443 | \$4,966,295 | | |

[1] The actual amount received from the state is dependent upon how much access compliance (ADA) and fire/life safety (FLS) work is required by DSA. The more ADA and FLS work required by DSA in the project, the more the state grant will be up to the maximum. In addition, if there are permanent buildings over 50 years old and the utilities (water, sewer, gas, electric, and communications for TV and telephone) serving those buildings are being repaired or replaced, the District may qualify for additional funds..

[2] Modernization Eligible in 2021.

Appendix A

Focus Groups - Meeting Notes

For each Focus Group, we conducted a RED - YELLOW - GREEN Light Exercise. We asked every group to tell us, relative to facilities.

- What has the district been doing that they should STOP doing - RED LIGHT
- What has the district been doing that they should continue to do with modifications - YELLOW LIGHT
- What has the district NOT been doing that they should START doing....thinking big picture - GREEN LIGHT

A number of good ideas came from these groups using this exercise. Some of them have been incorporated into the Master Plan designs in this LRFMP. A complete record of thoughts / comments from all of the Focus Groups can be found in the Appendix of this LRFMP

Athletics

Focus Group meeting date: 6/10/2020

Attendees:

- Dylan Gault – track coach- teacher 18 years – tennis.
- Jeanette Blunt – secretary
- Sean Osterberg- principal of junior high school
- John Hendrix – district athletic director – high school coach
- Danielle Amundsen – Newly appointed interim principal at Foothill
- Bobie Begaye – girls basketball coach – PE teacher – volleyball/softball – junior high sports
- Jeff Berrios & Paris Alshaif (SIM-PBK)

Locker rooms are not being utilized. Supervision issue with kids changing clothes in the stadiums.

The area located in not convenient. Too far to walk. Closer to practice areas. All fields are in the same area south side of school. Swimming and basketball are where the lockers rooms are being used.

Elementary is on the same boat. Bathrooms and big areas are not being utilized in Gym at Foothill. It's being used as storage.

Elementary PE- lockers is not being utilized.

Security for storage is needed. (Field House) – C-trains are being broken into.

High school Track Is not being used. Track is used for 8th grade PE. Usually it's a mud track. Hard to Maintain.

If we add the all weather track, stadium should be updated as well.

Gym has no AC- Volleyball games will be an issue.

Both stadiums and the gym used for the community especially the senior citizens.

Different location for the Track?

Size of stadium? Sean says it can be full at home side. Visitors side is not so much. Definitely not go smaller.

Gym's floors and Bleachers needs updating.

Foothill Gym bleachers needs to be updating.

HS Small Gym (older gym) is useless for games. Used only for PE, Junior high assemblies. Used as MPR instead of a Gym. Not safe for students. Bleachers are in the way. Used for wrestling tournaments. Used for smaller kids. Community events.

Size of the newer Gym is not big enough either.

Sean: down in the fields- have a larger Gym with lockers.

Keep the current Big gym used for junior high, and have a NEW Large gym for high schoolers next to the fields with weight room - By the stadium

Rearrange the existing big gym -replace the lockers for a training room.

Existing Fitness center is not great. Build a new one. Falling apart.

Example of the Texas of stadium/gym might be a good option on a smaller scale.

Dylan: Built temporary building, low quality structures. – Doesn't want to do temp building. Wants to add a quality building.

The community utilize these buildings (GYM) for everything.

Change the existing small gym into a cafeteria for the junior high.

Tennis courts are in rough shape. Looks good from far but up close, not good. There's no shade. Split courts to walk in between. 6 courts , but would be nice to have 2 more. 8 total. With 8, you could host league tournaments. Need different setup for viewing.

Basketball, paving for outdoors sports- Don't use them for PE. Nice to have a couple. Used for the community mostly. 4-6 outdoor courts. The paving is not flat.

All the fields to drain properly. Soccer and football fields. When it rains, it becomes a lake literally. Foothill has the same issue as well.

For junior high, Outdoor courts for basketball are used. Figure out how to cut the courts ??? Didn't understand Amundsen

Athletic offices would be nice to have. Ryan is the only one who uses the existing office. Showers near the offices are not good.

Foothill Parking are horrible. HS parking is okay but can be better.

Pool complex-Water polo is pretty big in this school. Swimming as well. Stands are needed around the pool. Seating is needed. Add some shade structure. Place a scoreboard. Storage is needed. Olympic size pool. It was rebuilt in 2004. The small pool is not used only PE (for fun) not for laps.

CTE

Focus Group meeting date: 6/10/2020

Attendees:

- Jeanette Blunt
- Sean Osterberg
- Robert Brookey – Teacher Engineering Design Program / Manufacturing
- Richard Vandenack – Agriculture/Welding teacher- 7th IP industrial and Debate coach
- Brad Wimen- Ag mechanics – Vet science – intro to auto shop and mechanics
- Jeff Berrios & Paris Alshaif (SIM-PBK)

The 3 programs (5 Programs?)

1. Engineering /Manufacturing Design Program
2. Natural resources (evolution of the heavy equipment course in natural forest) working with Fresno county. – heavy equipment not relevant so they blend it with a natural resources- the funding is rotating between this and welding.
3. Medical Careers- General classroom – entry level medical careers taught by Shannon Taylor.
4. 4th pathway CTE – animal science
5. 5th pathway- welding

Engineering Design pathway – Autocad- creating electronics & microelectronics – students are interested in programming- Drone racing –

Robert: The existing building is lacking in infrastructure – building needs updating- it has swamp coolers. Needs better ventilation

- size (15,000 sq feet) of building is good, just needs updating.

Robert is writing grants (jeff asked about the grant writing with floorplans, Robert and Sean haven't started)

- The old auto shop was cleaned out to become the new CTE building for Can Manufacturing Engineering pathway.
- The lays and CNC mills are needed. Classroom is good (board and projector)...biggest need is project storage. Remove the lockers for storage. Roll in tools storage is needed.
- Currently there are three rooms, one of them is the equipment storage, computer server, and something else. Coiling doors are jamming. Electric coiling doors is needed. Electrical overhaul. Need a class for each type of engineering. No heaters.
- Wood shop being an extension and then it will be its own pathway.

Richard: Welding shop- fully functional. Need new equipment. Power shortages on one side of the shop. Update the look of the shop. Some machines need updating. There are some old machines still working.

- Classroom is too small. Animal science class (room 48) is utilized sometimes if there are too many students. 24 students are pretty tight. The classroom in the welding shop needs TV screen, projector, etc. The heating does not work. Add a tool room. Eliminate the pit.

Brad: shares the same building with Richard. Need updated equipment.

- The greenhouse could need a possible update. Need a shade structure.
- Water was pump from the pond for irrigation. After drought, not an option anymore.
- Pole barn is in bad shape and it's already been replaced it, so pole barn is just used as a hay barn.
- Classroom in the Ag farm. Class meets every other year. That building needs updating. Get the equipment out of the sun and add it in storage.

CTE 2nd Meeting

Focus Group meeting date: 10/23/2020

Attendees:

- Sean Osterberg
- Robert Actis Jr – community member and former parent
- Richard Vandenack – Welding CTE
- Brad Wyman- AG teacher
- Shannon Taylor
- Jeff Berrios (SIM-PBK)

Medical Careers Classroom (Shannon), modernize classroom with needed infrastructure and refurbished restrooms

Old Auto shop bldg. converted CAD Manufacturing:

- Create outdoor learning space / yard.
- Create outdoor space for solar panels and wind turbines.
- Modernize; infrastructure ie. HVAC and electrical, fill in old auto pit, refurbish restrooms

Wood Shop Bldg;

- Bring back wood shop program in addition to current Ag mechanics in this building.
- Modernize; New flooring, bring back paint / Stain Lab

West classroom (Industrial Tech Classes) needs to be modernized \ Add storage in this building, tool storage

Welding Shop Bldg;

- Enlarge the shop by omitting / demoing the small west classroom.
- Add classroom / lab south side of the building
- Modernize; east classroom, refurbish restrooms
- Create secure yard / Storage north side of the building

Technology/IT

Focus Group meeting date: 6/10/2020

Attendees:

- Jeanette Blunt
- Brittany Collins- 8th grade English and reading teacher/ Wasp coordinator
- Michael Rodriguez – 6th grade math teacher
- Tammy Montgomery- director in curriculum and instruction
- Sean Osterberg
- Warren Maruko
- Aaron weist – math teacher
- Barbie Neu
- Jeff Berrios & Paris Alshaif (SIM-PBK)

Aaron: School website – email issues

Sean: district to stop hanging power cords from the ceiling to a teacher's desk creates trip hazards.

Possible going to wireless, but barbie mentions it doesn't provide enough strength. Another issue is the lag time because of the connectivity due to the weather sensitivity. Technology classes don't have enough electrical power. Room 6-13 flips the breaker and out of power.

Michael: the plugs set up needs updating.

Brittany prefers using the laptop to project to the TV (size 65" maybe). Suggested an extra device for backup.

Adding markerboards next to the TVs. Tablets are used for elementary/junior high students.

There are no computer labs. Library has a cart of laptops. In 2021, there is a plan to purchase more chrome books.

In cafeteria during banquets or presentation for the community, Dimmable features and a ceiling mount for projector with sound would be preferred. Add a motorized screen. MPR has a glass wall??

Sean wants to know more about library. The current library is outdated and does not have a functioning printing station. They want a space where students can sit and work. They check out laptops and work outside the library.

Michael: In foothill, the camera system is not functioning correctly, but in high school, it's used A LOT.

Aaron: wants a better surveillance that can easily identify students.

Both HS and foothill are the same system installed the same time. The newer one is located at Sierra elementary.

Michael: wants a better flow of the security to know where students are heading?

Administration

Focus Group meeting date: 6/10/2020

Attendees:

- Jeanette Blunt
- Sean Osterberg
- Danielle Amundsen – Newly appointed Intern principal at Foothill
- Heather Wheeler – Director of alternative and extended ED- will be in sandy Bluffs
- Alan Harris - Superintendent -
- Jeff Berrios & Paris Alshaif (SIM-PBK)

Stop not thinking about them. There was no consideration on how the admin spaces is structured. Better Security when checking in and out. Better accessibility. Need better navigation through the space.

Foothill has outgrown their admin space. Need more space.

In Sandy Bluffs, Having the admin office closer to the door for safety reasons. No conference rooms because it was given to the therapist.

Need a more welcoming center to avoid easy access by the public.

Nurse room needs to be redesigned to accommodate both high school and junior high.

For safety, in the high school, one entrance for the public and one for the students. Staff being able to leave from the back door for safety reasons.

Sean prefers to keep the campus open, no fence. Doesn't want it looking like a jail.

Staff to direct the public where to go instead of having an actual counters or barriers etc.

The secretary should have visual supervision into the campus as well as the principal.

In junior high, the visual of entering the area needs to improve. The junior high was added without a lot of thought.

Trying to physically separate the two between HS and junior high but using the same admin space.

Adding flex offices with privacy. There's not enough space to add a mix of different offices in sandy bluffs. How many offices do we need that can be flex? And who needs its own fixed office besides principal and assistant principal? Conference rooms is needed and how many do we need?

The teacher's lounge is being used for staff meeting. Did they say it's currently used for this or did they say they want to add it.

Need more organized storage. District office need storage. Science classes need more storage.

Food Service

Focus Group meeting date: 6/10/2020

Attendees:

- Jeanette Blunt
- Laurie McCollan – manager of Foothill Middle school
- Sherry Wellman – Cafeteria manager at HS
- Janelle Bryson -
- Jeff Berrios & Paris Alshaif (SIM-PBK)

Sherri (HS/Junior high):

Need Updated equipment and Updated signage. Snack bar needs to have menu. They need to have an online menu nutritional info.

There is enough prep and cook areas. Need bigger walk in refrigerator. New dishwasher. Cooking space is good enough. If the school grows, the current size would not be big enough.

Dining area layout and size is good enough. It is in an okay condition. Need a dedicated serving space for each junior high and high school. Two cafeterias? Needs to be multi-use.

The “snack bar” is used for lunch. It is working well but needs better signage.

There always a maintenance issue. Ceiling tiles from Leak issues.

AC is needed. Heating is fine from the ambient heat from the flooring.

Permanent shade structure at the seating area that doesn't need maintenance.

Laurie (Foothill):

Needs updated equipment. Warming equipment is okay for the next ten years and walk in fridge and cooler is sufficient.

Cafeteria dining is not big enough. Need covered outdoor eating area. Maybe a satellite kitchen? There is a huge kitchen. The far side is being used for storage, but if there is an outdoor eating area, the far side can be utilized correctly. if this happens, then there would be no dry food storage.

Foothill does not have a snack bar. There are mixed feelings about this from staff and parents.

After school activities would need a snack bar, but not needed within elementary school.

There is a small snack bar in their large gym.

The staff does not know if they want a dedicated snack bar.

Exhaust system is controlled by a master switch, which is also tied to heating and swamp cooling. Its very loud. When the exhaust system is off, then the heating or cooling would be off as well.

Dish room is in an odd space. Need better space to eliminate the use of paper products.

MPR does have air. Most kitchen run on swamp coolers. Floor needs to be replaced in the kitchen, the coving is coming out. The flooring is non-skid.

Pre-School Day Care/Teachers

Focus Group meeting date: 6/11/2020

Attendees:

- Heather Wheller – Director of Extended ED
- Jeanette Blunt
- Tammy Montgomery – Director of Curriculum and instruction
- Tracy Vandinak – Adult Education – parenting class
- Janelle Bryson -
- Jeff Berrios & Paris Alshaif (SIM-PBK)

Eagle's nest- works all summer as Child care and as a after school program.

For Sierra Preschool, they are trying to do an all-day child care extended– still working on a grant where 6:30 am to 6:30 pm is open.

Tracy: adult program where parents are involved in preschool education. Parents help daily in the classroom and in the evening, they have adult classes.

Lack of storage. Exterior storage (maybe a shed) to store play equipment.

Eagle's nest is an existing junior high class where it is missing a sink and a dedicated restroom.

They would like a bathroom and sink in both classrooms. A sink with drinking fountains.

Casework – Cabinets would need to be big since there is a classroom don't even have cabinets. They would like some wall space ??

GREEN –

They want a huge preschool facility and to be an all-day program. They are working on grants. NO CARPET!

There are children in walkers and wheelchairs. In need of plenty of space. Walkways and pathways to accommodate accessibility.

In need of a place to ride bikes, shade structure (trees?), plant garden space, sand area.

For parents, they want an easy pick up and drop area.

A small kitchen for teacher to prepare snacks for kids.

Classrooms that connected with a door in between. Cubbies would be nice.

For the future, they would like 4 classrooms. Office space is needed in one of the classrooms to be used as admin. No portables.

Separate adult bathrooms and separate boys' and girls' restrooms.

Eagles' nest should be two classrooms.

Each program has their own play area.

Would like to have a New preschool and after school program, would like it to be on the same campus.

They would like a place where it is Easier transition from day care to kindergarten.

They mentioned to be in the front or side of the school, instead of being located at the back.

4 classrooms to be connected in the same hallway.

In need of a fenced in open space.

Shade structures! Better parking.

Smart TV and have a cart filled with chrome books.

K-6 Teachers

Focus Group meeting date: 6/11/2020

Attendees:

- Jeanette Blunt
- Shaylynn Eldridge – 2nd grade
- Danielle Amundsen – Newly appointed Intern principal at Foothill
- Sari Cunningham -
- Berry Garrison
- Jennifer Bethal
- Jennifer ?? (marcus)
- Jeff Berrios & Paris Alshaif (SIM-PBK)

In need of more space in case of growth.

Better parent pick up, especially when leaving. Add an exit road.

Utilizing the sierra elementary. Is this abandon school?

Need more storage in classrooms, the existing closets are being used by Special Ed teachers. The special ed teachers need their own teach space and storage.

Adding a “middle” room for the Support staff working with students to be near their classrooms.

In need of hot water in the classrooms.

Have sinks in all classrooms, and lower sinks for the younger students.

A lot of classrooms need door mats. Existing ones are beat up.

The classrooms that are being hit by the sun need some kind of structure to eliminate the glare.

On raining days, there is no covered areas to stay out of the rain.

Parking is an issue especially during events.

In need of dedicated bathrooms for each grade with easy access and located within each building.

Each kindergarten classroom has its own restroom.

Have a decent track. Better fields at right levels and have a better water system.

Boys and girls lockers are not being utilized at all only as storage... maybe convert them to Restrooms. In need of compartmentalized storage here for sports equipment with some kind of lock.

The restrooms in lockers are not being used.

They need lower sinks for the younger kids.

Jeff asked, Which is better? Pods classrooms or classrooms wings? – maybe have a two story classroom, but berry discussed how it was super loud for the lower classrooms.

Jeff suggested maybe reopening the Sierra ES, but it might require another admin space with one principal serving both Foothill and Sierra ES.

Better collaboration space between different classrooms.

Shade structure is needed for hotter days, so kids could be cooler and the equipment would not be ruined.

Create a computer lab in the library or it could be resource classroom or a technology lab.

Campus is too open creating safety issues. Maybe add a gate to create a blockage for people to be forced to go to the office first.

Staff members like principal and assistant principal have dedicated parking spots. Add a staff parking.

7th – 12th Teachers

Focus Group meeting date: 6/11/2020

Attendees:

- Heather Wheeler – director of alternative and extended ED
- Jeanette Blunt
- Chris Dearden – 7th grade teacher
- Melissa Rodrigues – assistant principal for junior high/ HS
- Karen Low – HS science teacher
- Jeff Berrios & Paris Alshaif (SIM-PBK)

The electrical is too old. They need more plugs. In need for electrical to support the technology.

Need more newer restrooms and need more private adult restrooms at better locations.

Student restrooms: at the junior high, Larger restrooms to avoid them going to the HS restrooms.

Better separation between Junior high and high school but close enough where junior high students can take some high school electives.

Separate cafeteria and gym where junior high and high school students can have lunch at the same time and have PE at the same period but at different spaces.

Make the campus not look old. Need a face lift.

Classrooms: Need storage, bigger classrooms to create some space. Wishes for a window that can open, but worry about the lighting.

They don't like portables because it creates a temporary vibe.

Science classes: Electrical outlets, need tables for labs, in need of running heated water. In need of multiple rooms with a lab stock room where all science classrooms can have access to it. Currently have 5 rooms.

With English, history and math department, have a workroom for teachers.

There is common teaching between Ag and science.

Better office and teaching facility at the Ag farm.

Stronger internet and speakers (better technology)

Water fountains.

Special Ed Bathrooms has no privacy when students need assistance.

In need of Laundry facilities and storage at Sandy bluffs.

In junior high, they need a grass area with a shade structure to hang out during break time instead of hanging out at the parking lot.

Obvious entrance to the Junior high and its own drop off and pick up area.

HS and Junior high share the library. Library need a "face lift" and in need of a collaboration space.

Students

Focus Group meeting date: 6/11/2020

Attendees:

- Jeanette Blunt
- Sean Osterberg
- Eli Bristow – Senior student
- Cadence Begaye – 7th grade student
- Jeff Berrios & Paris Alshaif (SIM-PBK)

Water fountains do not work. The restrooms need updating. There was a computer lab and maybe utilize it into something better. It is just empty space with tables, its not used because there is another space where kids work.

Create a library where it is more comfortable and more welcoming for kids to do their work.

There are clubs after school where the library could be a good place for them to work.

In the big gym, only has one working water fountain.

The junior high school is too far from the sports fields and gym

Wrestling room needs updating.

Football fields gets flooded.

Should the Senior Rock stay the same? Eli mentioned the previous seniors made a shade structure for the incoming seniors.

At Foothill ES, there is a gravel driveway to the play area and the rocks gets thrown and kids get hurt. More benches (seating area). Shade?

Classrooms needs updating.

Windows are good and can open.

In foothill, there is a one pod of classrooms that has a middle "collaboration" room at the hallway where there is a sink and all the classrooms have access to it. It is used as storage as well. The other classrooms pods do not have this.

Foothill and HS have "collaboration" rooms where students can use to finish up tests and not be distracted. Add collaboration room with a markerboard and nice seating area.

Eli mentioned he wants to keep the look of the building to avoid looking modern.

Visual Arts Performing Arts

Focus Group meeting date: 6/11/2020

Attendees:

- Jeanette Blunt
- Dhaslet
- Jeff Berrios & Paris Alshaif (SIM-PBK)

Leaks in the Ceiling. Leak went through the wall and went into the outlet. Safety issues.

Transformers blew out. Storage is excellent.

Teacher has issues seeing everyone in Multiple classrooms.

Not enough seats for all the students.

Lots of windows bringing good lighting.

Existing tile flooring works well but concrete is best for ceramics classes.

Individual lockers would be ideal for students inside their art complex.

Projection through Tv screen. Uses computer cart.

Currently sharing 3 Arts rooms, requires better supervision

This meeting may require a reschedule.

Special Education

Focus Group meeting date: 6/11/2020

Attendees:

- Jeanette Blunt
- SMccollum – rsp teacher
- Teresa Page - director
- Shelley Tellis – Social emotional group
- Nicole Basset – foothill teacher SDC
- Laura Kwong- school psychologist 7th to 12th
- Tami Wright – speech
- Jen Cooper
- Jeff Berrios & Paris Alshaif (SIM-PBK)

The facility does not have enough spaces for different functions. In need a sensory room. Can't be a multi-use room.

Not a user-friendly space. In need of an office for observation like psychology and therapy. In need of a second open space to deescalate with soft walls. Currently have a space for students “to calm down” before returning to class.

There are 3 Tiers.

Tier 3 – Is for more intensive dedicated long term with modified instruction.

Multi-use space is where most of the Tier 3 students are located. These students need to be closer to the admin room. All the tiers need to be close together.

Why should they be closer together? To maximize staff help for whenever a student needs extra help.

Many of the students have mobility issues, so they need better direct access to quad area. Better ramps.

May require outdoor elevators for steep areas.

Technology-Connectivity is an issue.

In need wider Corridors and alternative routes.

Safety concern with students jumping over the rails.

Currently have a TV and Projectors. Would like an interactive screens (smart board).

In need for dedicated device for hearing impairment.

Bigger TV screens and chrome book for students vision impairment.

In need of a dedicated restrooms. In need more Storage, for changing, de-escalation, also storage in the bathroom is needed. Lifting machine in the bathroom for older students. In need of Staff Restrooms.

Existing laundry facility in HS, but none in the Junior high or in Sandy Bluffs campus. There is a dire need for laundry facility.

Currently, there is a kitchen at HS.

In tier 3, would need a new kitchen with big refrigerator.

Email from Sally:

One thing I wanted to add to the facilities meeting, it is really important to me that my students continue to be part of the school. There was discussion a year or so ago that students with special needs all be in classrooms near each other and I want to make sure my students continue to be part of the junior high, not separated.

Agriculture

Focus Group meeting date: 6/15/2020

Attendees:

- Jeanette Blunt
- Robert Actis Jr – community member and former Sierra USD parent
- Richard Vandenack – Welding CTE
- Brad Wyman- AG teacher
- Jeff Berrios & Paris Alshaif (SIM-PBK)

Auberry ES sold for \$2.2M.

The perimeter fencing is too old to keep the cattle in. 50 years old.

Restrooms repairs. Beef barn needs to be rebuilt. Minor repairs already been made.

In need of a shade for the cattle, Maybe a 40x40.

Water system – the pump from the pond to the field has some leaks. In need of all new irrigation system.

Equipment – they already spent \$100k on tractors, bobcat etc ...In need for another for \$50k more worth of equipment. Plan to make this a college credit class.

The Rodeo arena is done with little money from the district. Mostly self funded. It was raised with rodeo shows, and other events. Built in the 1950s but was recently upgraded.

The Road issues. Water will go over the bridge if there was heavy rain. This doesn't happen often.

GreenHouse – in need of a lot of work. Not functional. Everything needs to be replaced and expanded. Also, add a shade house.

Relocate it near the main campus near the Batting cage would be ideal.

Restrooms need repair.

Swamp coolers are needed.

Room 48, Main Ag Classroom on main campus, next to it is a shop....It needs better ventilation, and lighting. It has some water leaks.

To grow gardens, Fruits etc would be a good program to add which might require a special fencing. In the past, when they use to grow plants, they have issues with squirrels.

Add shed next to Heavy Equipment Bldg for tractor cover.

Classroom next to Heavy Equipment needs to be modernized, low priority. Currently used every other year.

Agriculture, 2nd meeting

Focus Group meeting date: 10/23/2020

Attendees:

- Sean Osterberg
- Robert Actis Jr – community member and former Sierra USD parent
- Richard Vandenack – Welding CTE
- Brad Wyman- AG teacher
- Jeff Berrios (SIM-PBK)

Provide a new meats lab / classroom out at the Ag Farm.

Provide a new Judging Pavilion out at the Ag Farm

Replace aging Pole Barn (west pole barn) with new.

Existing Feed Mill is ok.

Modernize / repair east pole barn

Modernize the most north barn structure.

Replace the beef barn.

Safety/Parking

Focus Group meeting date: 6/11/2020

Attendees:

- Jeanette Blunt
- Craig Barnes
- Heather wheeler- Director of Extended Ed
- Danielle Amundsen – Newly appointed intern principal at Foothill

- Justice Jones – Highway Patrol
- Jeff/Paris (SIM-PBK)

Foothill Parking-

Safety is an issue in Parking. Visitors are not directed to go to the office. Signage “Visitors must check in”

Parking is very limited. Separate the drop off from parking.

In need to separate parking.

Suggested by Jones: Remove The stalls and trees at the cul de sac, to be used as a bus drop off area.

JH/HS Parking-

Not too bad. Separate the parents drop off between junior high and high school.

Separate the egress

Dedicated staff parking? At HS, staff park wherever they went, but they should have dedicated staff parking.

Safety-

The community might have an issue with the fencing blocking them out. Facilities would like to have fencing for security to prevent vandalism and not be used as a skate park.

Adding a swinging gate for vehicles would be recommended to prevent cars going in.

At classroom doors district wide, the doors have foam piece that's pulls out to be prevented from being locked out in case of an active shooter.

Electronic lock down: fix the issues with keying.

Security cameras need better quality and have additional cameras.

Which philosophy is better regarding the restrooms?

One location with all the restroom for better supervision OR smaller restrooms spread out throughout campus?

They prefer smaller restrooms throughout the campus. They also need more restrooms at the HS.

Maintenance/Operations

Focus Group meeting date: 6/11/2020

Attendees:

- Jeanette Blunt
- Craig Barnes
- Kelly Capps
- Kasey
- Brandy
- Aaron

- Jeff Berrios & Paris Alshaif (SIM-PBK)

Stop Abandoning things: Fix it instead to avoid more costs in the future.

Redundant furniture moves, spend too much time and cater to the teacher staff instead of doing maintenance staff.

Football fields- the stadiumsFrustrated about students staying off the fields. There's a conflict between staff about maintenance services. Administration issue. Not an architecture issue.

Need better equipment for the maintenance of the fields.

Plexi glass is more user friendly but it looks horrible after a few days. Its more durable. They're not dual pane windows.

Foothill does not have any window breaking issues.

In the wrestling room, there is a huge glass window where dodgeball and other activities takes place and breaks the windows.

Garage storage? Since they need approval to throw away things, they need storage to keep them until it's approved to be thrown away.

Compressed machine?

Cross training guys- More cross training programs.

Marquee sign is not working.

Concrete sign at the HS is falling apart.

AC paving to use instead of Concrete.

On game days, there are parking issues.

Metal roofs preferred.

No Flat roofs.

Exterior Wood siding is preferred instead of cement plaster?.

Metal or Wood doors? Foothill doors is destroyed and does not know how to fix them. They are metal. There is a build up of paint on the door frames creating difficulty to close the doors.

Indestructible windows?

Flooring- Continue having carpet since there is mostly asphalt and concrete.

No ceramic tile in Restrooms. Prefers FRP.

Like the Jeff's idea of Large tiles (4x8)...with less grout.

Prefers Plastic Toilet Partitions.

Equipment to not be stored under the sun.

Same Fencing issue for security.

Rancherias

Focus Group meeting date: 9/1/2020

Attendees:

- Gina Riley
- Jamie Smith
- Mona
- Liz Kip
- Jeff (SIM-PBK)

Create a true / clear separation of Junior High School and High School.

- Separate physical identity, Separate Front entrance.
- Need own ballfields for JrHS.

Stop doing Portable classrooms.

Foothill needs more bathrooms, especially at Kindergarten

JrHS classrooms may be undersized.

Foothill Locker rooms are not being used. Suggest converting them to something else.

Foothill Gym Bleachers are too big for the gym. Need new bleachers

Foothill needs to look to grow, add more classrooms.

Community

Focus Group meeting date: 10/12/2020

Attendees:

Kathy Bradford

Ashley Jones

Cheryl Kimbler

Courtney Burke

Alex Desantis

Esther Hernandez

Jessi Silva

John Heywood

Joyce Vasquez

Katherine Van Wagenen

Kelly Chargin

Laura Yannone

Lauri King

Leslie

Lynda Qualls
Nancy Pierce
Peter McManus
R. Hickman
Ricky Kelly
Robert Brookey
Ryan Watt
Sarah Nicholson
Sharp
Jeannine
Saige
Sonja
Stephanie Waters
Tami Jones
Terry V
Nancy Hyde
Jill Holt
Andrea
Angela Lakela
Cherril Northup
Elizabeth Glass
Sean Osterberg
Jeanette Blunt
Jeff Berrios

Bring back more vocational / Industrial Technology classes, Wood Shop, more CTE, More Ag classes, Auto Shop,

Bring back the district to where it was over 30 years ago.

Provide facilities to better support Athletics. Need to compete with neighboring districts to retain the students.

Bring back Auberry ES.

Bring back Sierra ES as an elementary School.

Look to convert Sierra ES;

- to a charter school
- to a community center, community garden
- use community work force for conversion
- Science academy; for 4-6 grade students. Similar to Clovis USD's Sierra Outdoor School. Open to other districts, make revenue, overnight stay experience.
- Keep the Sierra ES MPR.

Sierra JrHS / HS needs more attention to safety and ADA (accessibility).

Look to do a separate 6-8 grade campus.

Preserve existing vernacular with new buildings to preserve character, such as maintain and keep doing granite at the base of the buildings. Granite is important piece of the history of Sierra USD.

Need more technology throughout the district.

Alternative Education

Focus Group meeting date: 11/2/2020

Attendees:

- Heather Wheeler
- Mark Stelling
- John Stoll

Alternative Ed includes:

- Sierra Alternative High School (new name)
- Sierra At Home (new name)
- Sierra Adult School (new name)

Look to do a new Alt Ed campus on the Sierra HS campus to keep Alt Ed feeling integrated and part of the HS, not isolated, not disjointed, not different.

Most feasible option is to redo a new Alt Ed campus at the same location as formerly known Sandy Bluff campus site.

New Alt Ed campus should have both Alt Ed HS and Sierra at Home together at this campus.

Adult School should / could remain across the street. Potential new vocational shops to support Adult and Alt Ed campus.

New Alt Ed campus should have (8) new classrooms buildings (not portables), New media Center / Library/ New Tech Center, new Administration Bldg

END

Appendix B

Alternate Proposed Master Plan for the Sierra Elementary School Campus

The LRFMP included revitalizing this campus to be an elementary school. This is identified throughout the LRFMP and the Master Needs Assessment Spreadsheet. During the LRFMP process, there was much discussion of an alternate master plan for the Sierra Elementary School Campus. This alternate revitalization option was considered but not pursued by the governing board. The following is that alternate revitalization option for this campus.

The LRFMP's committees and focus groups discussed and developed an alternate option for the revitalization of Sierra Elementary School campus. This option includes converting this campus to a district wide multi-use facility. A major component of this facility would be creating an Experiential Learning Center (ELC). The ELC would be a district owned and maintained campus to provide 4th thru 6th grade students a exposure to the following: natural resources, forestry, engineering (ie. hydro power) and Native American curriculum and culture. This campus provided an overnight experience for the students/users.

This alternate revitalization would entail:

- Converting many of the existing buildings including the classroom buildings into dormitories and science classrooms
- Remove some buildings to create more open spaces including outdoor amphitheater and shade shelters
- Create outdoor learning opportunities with outdoor learning paths, pavilions and observation huts

This facility could be rented out to other school districts, much like Clovis USD does with the Sierra Outdoor School campus in Sonora.

Some other components of the ELC campus include the possibility of housing other facilities. These include a community garden, an Native American Museum, and a Native American Health Center. These facilities in addition to the ELC program, could bring in revenue to Sierra USD.

Refer to proposed ELC campus Master Plan site plan reflecting the ELC program along with the above mentioned proposed additional facility programs.

SIERRA ELEMENTARY SCHOOL

SITE MAP - PROPOSED EXPERIENTIAL LEARNING CENTER



LEGEND

- NEW BUILDINGS & ADDITIONS
- SHADE STRUCTURES & COVERED SPACES
- MAJOR REMODEL OF (E) SPACES
- AC PAVING
- CONCRETE
- TURF
- EXISTING BUILDING MODERNIZATION

- ① NEW CLASSROOMS
- ② VEHICULAR GATE
- ③ REMODEL FOR ADMIN
- ④ REMODEL TO DORMITORY
- ⑤ NEW HEALTH CENTER
- ⑥ NEW NATIVE AMERICAN MUSEUM
- ⑦ NEW COMMUNITY GARDEN

- ⑧ ROPE COURSE AREA
- ⑨ OBSERVATION HUTS
- ⑩ LEARNING PAVILLION
- ⑪ EXPLORATION TRAILS
- ⑫ AMPHITHEATER