

COMPREHENSIVE FACILITIES MASTER PLAN

FONTANA UNIFIED SCHOOL DISTRICT

January 1, 2015

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EXECUTIVE SUMMARY

This Facilities Master Plan was developed as a planning tool for the Fontana Unified School District to assist the District in determining the future facilities needs for the next 10 years. This Master Plan includes a detailed needs analysis of each site in the District, an evaluation of the capacity of each site, educational specifications outlining the facilities needs for the current educational program, an equity study comparing the facilities at each site to similar sites, and asset management plan and a financing plan which indicates the sources of funding the District will need to take to meet their future needs.

In the process of developing this Master Plan, visits were made to each site in the District and the sites were reviewed with site staff. District staff were also consulted on the needs for child nutritional services, technology and maintenance for the sites. The detailed facilities needs were documented and the cost for these needs was estimated.

CAPACITY

The capacity of each site was established based on District supplied loading standards and site visits. Teaching stations used for special programs such as Special Day Class (SDC) were not included in the total K-12 capacity. This data is indicated separately. Based on the information reviewed, the District can house and additional 3,973 students at the elementary grade levels; 816 students at the middle school grade levels; and 1,560 students at the 9-12 level. Based on enrollment projections included in the ***Ten Year Enrollment Projections (2013/14—2022/23)*** the District will not have a need to additional classrooms for the period of this master plan.

This data indicates that the District has sufficient capacity at all levels to accommodate the future enrollments. At peak levels, the K -5 enrollment is projected to he 18,186. The District elementary capacity is 26,370. At peak projected enrollments, the 6-8 school population is projected to be 8,553 students, the District's 6-8 capacity is 8,606. The District's peak projected high school enrollment is 11,280 in 2021. The high school capacity is 14,404.

The Asset Management section of this Plan indicates that the District could remove 217 underutilized portable classrooms at elementary school sites and still have sufficient capacity for the projected enrollment for the next 10 years.

EDUCATIONAL SPECIFICATIONS

Educational Specifications summarize the facilities characteristics necessary to deliver the District's current educational program.

In preparing these Ed Specs we reviewed the California Department of Education regulations and recommendations for facilities, field play areas, hardcourt play areas and parking.

District standards for school population, school site size and classroom loading were also used in the development of the Ed Specs. The schools used as models were the Beech Avenue Elementary School, the Wayne Rubles Middle School and the Jurupa Hills High School.

EQUITY STUDY

An Equity Study reviews existing facilities in comparison with other similar facilities, with the Ed Specs and with California Department of Education standards for facilities. The

study assesses the equity of key elements at the school sites; documents and compares the school capacities, site acreages, size of field areas, hardcourt areas and parking capacity. The study also documents the number and size of classrooms and the number and size of support facilities.

One issue that became apparent in the Equity Study was the need for additional kindergarten classroom space. Based on the District's 2013 CalPADS kindergarten enrollment of 3,174 students, the District will need space for approximately 3,965 Transitional Kindergarten and standard Kindergarten students. With LCFF incentivizing the maximum class size of 24 students per teaching station, the District will need 166 kindergarten teaching stations. The District currently has 56 teaching stations that meet the California Department of Education Title 5 regulations for classroom size of 1,350 square feet with restroom facilities. Double session kindergarten would reduce the required number of classrooms, however, with all the schools at double session, there would still be a need for 27 additional kindergarten classrooms.

NEEDS ASSESSMENT

Each school site in the District was reviewed to determine the need for upgrades or replacement of existing systems and for repairs to building and site components. All needs are documented and costs for the upgrades are estimated. The section ***Summary of Needs*** on page 500 shows the needs by category for each site.

A contingency was applied to the estimated construction costs. It is important to understand that, due to the nature of modernization projects, it is strongly recommended that this contingency be substantial. Many issues are not identified until construction is underway. Dry rot and pest infestation can only be discovered as walls are uncovered. Structural deficiencies may not be apparent until the structural members are uncovered. Underground utilities may be damaged in the construction process due to the lack of documentation. These events drive costs up; and these increases need to be anticipated in the planning process.

Estimated soft costs were added. An escalation factor was applied to take into account the timing of the projects. It is estimated that the site needs for the period of this Master Plan are **$352,044,992**.

DISTRICT FACILITIES

In addition to the school site needs, there are District wide issues that need to be addressed. These include the upgrade to the Child Nutrition Services at all sites and grades to the technology systems throughout the District.

Child Nutritional Services

The District supplied TSS with a 2013 analysis of the District's food services system entitle ***Fontana Unified School District Central Kitchen Survey***. Although the District is not moving in the direction of a central kitchen at this time, the information on the needs for each school site from this study was used in our analysis. These costs were based on 2013 cost estimates. These costs were escalated to the midpoint in the plan. The total cost of construction and equipment is estimated to be **$20,235,100.** These costs are detailed in Appendix B.

Technology

The District has had an ongoing process of upgrading the technology at all school sites and at other District facilities. The anticipated needs include adding interactive classroom tools, upgrading the District wide area network (WAN) connections to all sites, upgrading network equipment and wiring, adding virtual desktop infrastructure for classroom, lab and office uses, adding equipment for increased data backup and storage, installing network security systems and installing Voice over Internet Protocol (VoIP) telephones where they do not presently exist. The cost of these improvements is estimated to be **$82,147250** with contingency, soft costs and escalation.

The total facilities needs for the District is projected to be:

$454,427,342

ASSET MANAGEMENT

The District has an inventory of 388 portable classrooms. Many of these are under utilized. These portables could house 10,088 students. The District enrollment projections indicate that there is an excess capacity of 9,428 spaces.

It is recommended that the 63 leased portable classrooms in the District's inventory be returned to the vendor. This would yearly savings of $450,000 in lease payments and an additional savings of $200,000 in maintenance.

It is recommended that the District sell and additional 261 owned portable classrooms. This is estimated to save approximately $900,000 per year in maintenance costs and $52,828,988 in modernization needs identified in the needs assessment.

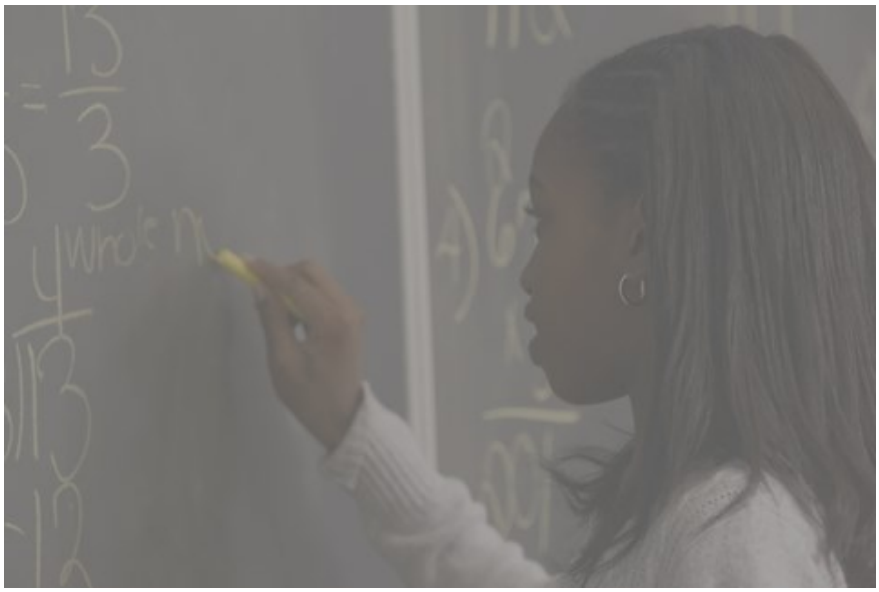
FINANCING PLAN

Through the development of this Facilities Master Plan it has been estimated that the total needs of the District to improve and upgrade the facilities, make improvements to the Child Nutrition Program and upgrade the technology systems across the District is **$454,427,342**. The District has multiple sources available to fund this need. These sources are indicated on Page 516 and include the balances in existing facilities related funds and developer fees. The funding from these sources is estimated to be **$17,751,585.**

In addition, there are potential savings as indicated in the Asset Management section of this Plan. These potential savings total **$60,578,988.**

It is recommended that the District commence plans for a general obligation bond to fund the remaining **$376,096,769.**

CAPACITY STUDY



CAPACITY STUDY

In developing the total capacity for housing students in the District, Total School Solutions staff reviewed documentation from the District and visited all the school sites.

The following assumptions were made in determining the capacity for their schools:

- Spaces used for preschool programs were not included in the teaching station count for capacity;
- Rooms whose primary purpose was indicated as something other than teaching activities were not included in the count;
- Spaces that were indicated as Resource Specialist Program (RSP), Special Day Class (SDC) or other special education functions were not included in the capacity count but are noted on tables.

Based on these parameters and the October, 2013 CALPADS information as indicated on the California Department of Education DataQuest website, the District has excess capacity of 3,973 at the elementary school level; 816 at the middle school level; and 1,560 at the high school level. The total excess capacity for the District is 9,428.

The following loading factors were used in determining the capacity:

- K-6 25:1
- 7-12 26:1
- Non-Severe SDC 15:1
- Severely HC 9:1

The District policy is to have one preparation period per day for each secondary teacher. That prep time takes place in the teacher's classroom. This removes each teaching station from use 1 out of 7 periods per day. The District accounts for this by reducing the actual loading factor of 30 students per classroom by 6/7 or 85.7%. The effective loading is 26:1.

The total capacity of the District's facilities is effected by a number of factors and is used for a number of purposes. For District planning purposes one of the key uses of this data is in housing students. For that analysis the actual District loading standards, educational teaching practices and scheduling need to be taken into account. A utilization factor is applied to account for classroom space that may not be used 100% of the day. A class subject may not be enrolled to the capacity of the classroom or a specialized space such as a wood shop may be utilized only 3 out of 6 periods per day. The utilization factor is applied to get a true perspective of the student housing needs.

Another use for the capacity information is eligibility in the School Facilities Program (SFP). The process of determining eligibility begins with establishing the existing capacity of all teaching stations in the District. Some teaching stations may be excluded from the count. For instance, classrooms less than 700 square feet are excluded. The TSS evaluation of the District's facilities found 20 teaching stations that were under 700 square feet and, therefore, not included in the count. The SFP methodology has a greater impact on the facilities funding in the District and will be used for this study.

ELEMENTARY SCHOOL CAPACITY

School	Grades Served	Teaching Stations (≥ 900 sqft) Perm	Port	Capacity State Stand	Capacity District Stand	Excluded Stations[1] Count	Function	SDC/SH CLR[1]	RSP/ Speech CLR[1]	Teaching Stations - Permanent (<900 sqft) Size (sqft)	Count	Capacity State Stand	Capacity District Stand	Teaching Stations - Portable (<900 sqft) Size (sqft)	Count	Capacity State Stand	Capacity District Stand	Total Capacity State Stand	Total Capacity District Stand	2013 CALPADS	Excess Capacity (District Stand)
Almond Elementary	K-6	13	2	375	398	1 1 1	Pre-school Computer Lab Stage/Music Enrichment	1	2	888 896	12 3	300 75	318 79					750	795	596	199
Beech Ave Elementary	K-6	24		600	637	1	Pre-school	1	2		0							600	637	897	-260
Kathy Binks Elementary	K-5	26		650	676	1	Pre-school	1	1		0							650	676	573	103
Canyon Crest Elementary	K-5	20	8	700	728	1	Pre-school	1	2		0							700	728	583	145
Chaparral Elementary	K-5	19	3	550	572	3 1	Pre-school Computer Lab	1	1		0							550	572	401	171
Citrus Elementary	K-6	14	11	625	664	1 1	Pre-school Computer Lab	1	2	887 880	3 1	75 25	79 26					725	769	801	-32
Cypress Elementary	K-5	1	12	325	338	1	Computer Lab	1	2	868 866	20 1	480 24	600 30					829	968	840	128
Date Elementary	K-5	19	5	600	624	2	Pre-school	2	3	868	2	48	60	720	4	80	120	728	804	749	55
Grant Elementary	K-5	7	3	250	260	2	Pre-school	1	3	841	16	368	480					618	740	703	37
Hemlock Elementary	K-5	19	6	625	650	1	Pre-school	2	2									625	650	437	213
Juniper Elementary	K-5	18	15	825	858	1 1 2	Pre-school Computer Lab Early Childhood	2	2									825	858	583	275
Live Oak Elementary	K-6	18	14	800	850	2 1	Pre-school Computer Lab	3	2									800	850	634	216
Locust Elementary	K-6	19	7	650	690	1 1	Pre-school Computer Lab	3	1									650	690	526	164
Mango Elementary	K-5	17	9	650	676	2 1	Pre-school Computer Lab	4	2					720	2	40	60	690	736	638	98
Maple Elementary	K-5	21	18	975	1014	1 1	Pre-school Computer Lab	1	3									975	1014	722	292
N. Tamarind Elementary	K-6	21	12	825	876	1 1	Early Childhood Pre-school	2	2									825	876	585	291
Oak Park Elementary	K-5	16	7	575	598	1 1	Pre-school Computer Lab	2	2									575	598	523	75
Oleander Elementary	K-5	23	15	950	988	2 1	Pre-school Computer Lab	2	2									950	988	943	45
Palmetto Elementary	K-5	22	13	875	910	1 1 2	Pre-school Computer Lab Day Care	2	2									875	910	974	-64
Poplar Elementary	K-6	20	13	825	876	1 1	Pre-school Computer Lab	4	1									825	876	703	173
Porter Elementary	K-5	26	8	850	884	1	Pre-school		2	897	3	75	90					925	974	820	154
Primrose Elementary	K-5	2	17	475	494	1	Early Childhood	6	3	875 750 500	3 2 1	72 42 0	90 60 30					589	674	570	104
Randall Pepper Elementary	K-5	22	3	625	650	4 1	Pre-School Computer Lab	1	2	868	6	144	180					769	830	722	108
Redwood Elementary	K-6	17	16	825	876	2 1 2	Pre-School Early Childhood Computer Lab	1	3	896 892 883	1 1 1	25 25 25	26 26 26					900	954	627	327
Shadow Hills Elementary	K-5	18	4	550	572	1	Pre-School	1	2									550	572	565	7
Sierra Lakes Elementary	K-5	11	3	350	364	1	Computer Lab	2	7	884 888	1 11	25 275	30 330					650	724	731	-7
S. Tamarind Elementary	K-5	23	16	975	1014	1 1	Pre-School Computer Lab	2	2									975	1014	751	263
Tokay Elementary	K-5	21	11	800	832	1 1	Pre-School Computer Lab	2	2									800	832	598	234
West Randall Elementary	K-6	14	20	850	903	2 1	Pre-School Computer Lab	2	3	790 890	1 2	22 50	26 53					922	982	523	459
TOTAL ELEMENTARY		511	271	19,550	20,472			54	65		91	2,175	2,639		6	120	180	21,845	23,291	19,318	3,973

[1]Not included in the classroom capacity

MIDDLE SCHOOL CAPACITY

School	Grades Served	Teaching Stations (≥ 900 sqft)				Excluded Stations[1]		SDC/SH CLR[1]	RSP/ Speech CLR[1]	Teaching Stations - Permanent (<900 sqft)				Teaching Stations - Portable (<900 sqft)				Total Capacity		2013 CBEDs	Excess Capacity (District Stand)
		Perm	Port	Capacity						Size (sqft)	Count	Capacity		Size (sqft)	Count	Capacity					
				State Stand	District Stand	Count	Function					State Stand	District Stand			State Stand	District Stand	State Stand	District Stand		
Alder Middle School	6-8	35	15	1,350	1,300	3	Computer Lab	4	3	897	1	27	26								
										888	1	27	26								
										847	4	104	104					1,508	1,456	1,226	230
Almeria Middle School	6-8	26	11	999	962	1	Computer Lab	6	4	890	1	27	26								
										874	1	26	26								
										750	2	44	52					1,096	1,066	860	206
Fontana Middle School	6-8	25	18	1,161	1,118	1	Computer Lab	6	3	701	2	42	52								
										720	1	22	26								
										832	6	150	156								
										845	2	50	52								
										884	2	54	52								
										890	1	27	26					1,506	1,482	1,075	407
Ruble Middle School	6-8	45		1,215	1,170	2	Computer Lab	6	4	871	1	26	26					1,241	1,196	1,181	15
Sequoia Middle School	6-8	42	12	1,458	1,404	1	Computer Lab		4	870	1	26	26					1,484	1,430	1,138	292
Southridge Middle School	6-8	29	9	1,026	988	2	Computer Lab	4	5									1,026	988	1,070	-82
Truman Middle School	6-8	14	1	405	390	1	Computer Lab	7	4	884	18	486	468								
										887	3	81	78								
										858	1	27	26								
										828	1	25	26					1,024	988	1,240	-252
Totals		216	66	7,614	7,332			33	27		49	1,271	1,274					8,885	8,606	7,790	816

[1]Not included in the classroom capacity

HIGH SCHOOL CAPACITY

School	Grades Served	Teaching Stations (≥ 900 sqft)				SDC/SH Clr[1]	RSP/ Speech Clr[1]	Teaching Stations - Perm (<900 sqft)				Teaching Stations - Portable (<900 sqft)				Total Capacity		2013 CBEDs	Excess Capacity (District Stand)
		Perm	Port	Capacity				Size (sqft)	Count	Capacity		Size (sqft)	Count	Capacity					
				State Stand	District Stand					State Stand	District Stand			State Stand	District Stand	State Stand	District Stand		
Eric Birch Continuation High School	9-12	4	3	105	182		10	828	1	14	26					119	208	316	-108
Citrus Continuation High School	9-12	16	0	240	416	2	2	897	1	15	26								
								895	13	195	338								
								885	1	15	26					465	806	565	241
Fontana High School	9-12	65	17	2,214	2,132	15	6	700	2	42	52								
								715	1	21	26								
								765	2	46	52								
								773	1	23	26								
								791	1	24	26								
								800	19	456	494								
								816	4	96	104								
								825	4	100	104								
								830	1	25	26								
								842	2	50	52								
								867	1	26	26					3,123	3,120	2,475	645
Jurupa Hills High School	9-12	77	0	2,079	2,002	4	3									2,079	2,002	2,128	-126
Kaiser High School	9-12	71	18	2,403	2,314	5	16	800	1	24	26								
								815	1	24	26								
								873	1	26	26					2,477	2,392	2,424	-32
AB Miller High School	9-12	59	13	1,944	1,872	20	7	700	1	21	26								
								800	1	24	26								
								806	1	24	26								
								866	15	390	390								
								874	10	260	260								
								896	33	891	858					3,554	3,458	2,473	985
Summit High School	9-12	93	0	2,511	2,418	5	13	768	1	23	26					2,511	2,418	2,463	-45
Total HS		385	51	11,496	11,336	51	57		119	2,855	3,094					14,328	14,404	12,844	1,560

[1]Not included in the classroom capacity

TOTAL DISTRICT CAPACITY

	Grades Served	Teaching Stations (≥ 900 sqft)				SDC/SH CLR[1]	RSP/ Speech CLR[1]	Teaching Stations - Permanent				Teaching Stations - Portable				Total Capacity		2013 CBEDs	Excess Capacity (District Stand)
		Perm	Port	Capacity				Size (sqft)	Count	Capacity		Size (sqft)	Count	Capacity					
				State Stand	District Stand					State Stand	District Stand			State Stand	District Stand	State Stand	District Stand		
Elementary Schools	K-5	511	271	19,550	23,460	54	65		91	2,175	2,730		6	120	180	21,845	26,370	19,318	7,052
Middle Schools	6-8	216	66	7,614	7,332	33	27		49	1,271	1,274					8,885	8,606	7,790	816
High Schools	9-12	385	51	11,496	11,336	51	57		119	2,855	3,094					14,328	14,404	12,844	1,560
TOTAL DISTRICT		1,112	388	38,660	42,128	138	149	0	259	6,301	7,098	0	6	120	180	45,058	49,380	39,952	9,428

The District's demographics and the enrollment projections play a key roll in the calculation of eligibility in the SFP. Enrollment data from the three most previous years is weighted and projected 5 years into the future. Based on these projections the difference between the District's capacity and the projected enrollment determines the eligibility in the SFP. The State sets standards for the physical size of classrooms and the number of students per classroom. The California Department of Education considers 960 square feet to be a standard classroom size at all levels. Any classroom smaller than 900 square feet must be justified in the educational program. The California Education Code Section § 17071.25 (a)(2)(A) states that, for purposes of determining capacity in the School Facilities Program, teaching stations shall be loaded at 25 pupils per teaching station in grades kindergarten through 6 and 27 pupils per teaching station in grades 7 through 12. These standards were used for determining the capacity of the Fontana Unified School District facilities. The capacity of classrooms less than 900 square feet was prorated based on the actual size and the standard loading factor.

It should be noted that many of the classrooms that are considered "excess capacity" for this study are currently being used for enrichment programs, teacher workrooms, parent rooms or storage. Many others are vacant.

Enrollment Projections

The ***Ten Year Enrollment Projections (2013/14—2022/23)*** supplied by the District indicate that the enrollment is projected to be very stable over the next nine years. The K-5 enrollment is projected to increase slightly in 2014, decline steadily to a low of 420 students below current levels in 2018, then increase for a net gain of 184 students in 2022. This is a 1% gain over nine years.

Middle school enrollment is projected to drop slightly in 2014, increase to a maximum gain of 288 students above current levels in 2018 and drop again through 2022. The net difference is a decline of 202 student, or 2.4% over nine years.

High school enrollment is projected to decrease through 2017 with a drop of 394 students; increase through 2021 for a slight gain of 33 students over current levels and then drop again. The net impact over the nine years of the study is a decline of 232 students or 2.1%. Overall District enrollment is projected to decline through 2016 and

then steadily increase. The net change is a decline of 348 students or 0.92% over the nine years of the study.

As can be seen by the capacities in the tables above, the District has sufficient capacity at all levels to accommodate the future enrollments. At peak levels, the K-5 enrollment is projected to be 18,186. The District elementary capacity is 26,370. At the peak, the 6-8 enrollment is projected to be 8,553 students. The District's 6-8 capacity is 8,606. The District's peak high school enrollment is projected to be 11,280 in 2021. The high school capacity is 14,404.

The District should continue to closely monitor enrollment to identify changes in the projections. Of particular interest is the middle school enrollment projections where the where levels approach capacity in the 2017-2018 time frame.

EDUCATIONAL SPECIFICATIONS



EDUCATIONAL SPECIFICATIONS

Educational specifications detail the facilities requirements to deliver a district's educational program. The California Department of Education (CDE) document *Educational Specification: Linking Design of School Facilities to Educational Program* states "Educational specification are interrelated statements that communicate (or specify) to the architect, the public, and other interested parties what educators believe is required of a proposed educational facility to support a specific educational program."

Educational specifications can also be used to evaluate a district's existing facilities to determine what changes need to be made to facilitate the delivery of the changing educational program. The educational program can be reviewed on a site by site basis in conjunction with the educational specifications to determine what modifications can be made.

In developing these specifications TSS used the following California Department of Education publications:

- Title 5 regulations;
- *Guide to School Site Analysis and Development, 2000 Edition*;
- *Linking Design of School Facilities to Educational Program.*

In the preparation of the specifications the most recent school facilities at each level were reviewed. These schools were the Beech Avenue Elementary School, the Wayne Ruble Middle School and the Jurupa Hills High School.

This section is divided into two sections: Site Standards indicate the recommended overall size of a site for the given grade level and standard population. This section details the recommended area required for playfields, hardcourt, parking and other site amenities.

Building Standards indicate the types of spaces required, e.g. classrooms, offices, restrooms, etc.; the recommended size of those spaces and the quantity of spaces necessary. The Building Standards also detail the types of fixtures, furnishings and equipment needed to maintain a fully operational facility.

Based on the District's enrollment projections for the next ten years, there will be no need for new school facilities during this time frame. The projections indicate that the total District enrollment will decline very slightly over that period. In addition, the District has a considerable level of excess capacity could provide space for any unforeseen increases in enrollment. The District may need to evaluate new development to determine if new facilities are needed in conjunction with that development, however, the primary focus of these specifications will be to review the existing facilities to determine the adequacy for delivering the District's educational program.

SITE STANDARDS

The CDE sets recommended standards for site size in the document *Guide to School Site Analysis and Development*. This document was revised in 2000 to take into account the additional space in both classrooms and site amenities required to accommodate class size reduction. Class size reduction has been mandated for grades K-3 in the new Local Control Funding Formula (LCFF). The information in the table below indicates site size for class size reduction in grades K-3.

The site sizes indicated in the table are based on a District standard school population of 720 for elementary schools; 1200 for middle schools and 2000 for high schools. The District should refer to the publication for site requirements for schools with differing populations. These site sizes are further broken down in the CDE recommendations to areas for field activities, hardcourt activities and apparatus areas as well as areas for buildings, grounds, parking and roads. These recommendations are listed in the tables below. For recommendations on specific field types and

CDE RECOMMENDED SITE SIZE BASED ON STUDENT POPULATION

Grade Level	Student Population	Usable Acres
Elementary K-5	720	11.6[1]
Middle 6-8	1,200	18.1
High 9-12	2,000	52.1[2]
Continuation High School	100	2.9

[1] Based on Class Size Reduction in grades kindergarten through three.
[2] With stadium and bleachers at the baseball diamond.

hardcourt activities included in the areas see the CDE *Guide*.

FUSD ELEMENTARY SCHOOL SITE REQUIREMENTS

Elementary schools should have a fenced kindergarten play area directly adjacent to the kindergarten classrooms. For the FUSD standard school size there should be 4 kindergarten classrooms and play space as indicated in the table below. This area should have space for age appropriate play apparatus, a small hardcourt area and a small grass area.

The elementary schools should have general purpose field areas for soccer, football and other field games. There should be hardcourt areas for activities such as basketball, 4 square, tetherball, running and relays.

There shall be an area for age appropriate play apparatus for grades 1-3 and an area for grades 4-5.

Storage space shall be provided for outdoor play equipment such as balls.

There should be sufficient space on the site for an After School Program portable classroom. This is a program run by an outside agency who supplies the portable, however, space and hookups for electrical, water and sewer should be

CDE RECOMMENDED ELEMENTARY SCHOOL SITE REQUIREMENTS[1]

Kindergarten[2]	
Turfed Area	0.358 acres
Paved Area	0.275 acres
Apparatus Area	0.110 acres
Buildings and Grounds	0.209 acres
Grades 1-5	
Total Field Area	3.818 acres
Total Hardcourt Area	1.490acres
Total Apparatus Area	0.566 acres
Building and Grounds Area	3.000 acres
Parking and Roads Area	0.700 acres
Add for Class Size Reduction	1.100acres
Total	11.626 acres

[1]Based on a standard capacity of 720 students with even distribution across grades; Class Size Reduction loading of 25:1 for Kindergarten through grade 3.
[2]Based on 5 kindergarten classrooms per master plan site.

FUSD STANDARD ELEMENTARY SCHOOL SITE REQUIREMENTS[1]

Total Field Area	2.275 acres
Total Hardcourt Area	1.315 acres
Total Apparatus Area	0.231 acres
Building and Grounds Area	3.285 acres
Parking and Roads Area	1.482 acres
Retention Basin	0.293 acres
Total	9.180 acres

[1]Based on Beech Avenue Elementary School

provided. An area for parking should also be provided.

There shall be a **Vegetable Garden** for growing fresh vegetables for consumption at the site. (See Food Service)**.**

There should be sufficient parking for teachers, staff and aides plus 6 additional parking spaces for visitors. The parking should be arranged so that the student drop off does not conflict with vehicular traffic flow. There should be a separate drop off area for the kindergarten students close to the kindergarten classrooms.

Security

There shall be security cameras installed on the campuses to monitor all areas of each site. The building section of the sites shall be fenced to direct visitor traffic to the main office.

The hardcourt area should have visual markings for students to locate areas for assembly in case of emergencies.

FUSD MIDDLE SCHOOL SITE REQUIREMENTS

The following are the Fontana Unified School District standards for middle school sites:

Each site shall have a natural turf football field and track. No bleachers are required.

Each site shall have a baseball diamond with skinned infield and a fenced enclosure for team benches on each side. The fields will also be used for community use. The baseball fields shall be of natural turf. No bleachers are required. Fields should be located close to public parking and designed for public use without allowing access to the campus buildings. Restrooms for public use may be provided if the access to those restrooms does not allow access to other buildings on campus outside standard school hours.

CDE RECOMMENDED MIDDLE SCHOOL SITE REQUIREMENTS[1]

Total Field Area	8.216 acres
Total Hardcourt Area	2.376 acres
Total Apparatus Area	0.106 acres
Building and Grounds Area	6.600 acres
Parking and Roads Area	0.800 acres
Total	18.098 acres

[1]Based on standard capacity of 1,200 6-8 grade students without football field and track.

FUSD STANDARD MIDDLE SCHOOL SITE REQUIREMENTS[1]

Total Field Area	8.810 acres
Total Hardcourt Area	1.164 acres
Total Apparatus Area	0.000 acres
Building and Grounds Area	5.924 acres
Parking and Roads Area	3.091 acres
Total	18.989 acres

[1]Based on standard capacity of 1,200 6-8 grade students without football field and track.

Each site shall have a softball diamond with skinned infield and a fenced enclosure for team benches on each side. The fields will also be used for community use. The softball fields shall be of natural turf. No bleachers are required.

The overlapping outfield area of the baseball and softball fields shall be used as a multipurpose practice field.

Each site shall have exterior hardcourt areas sufficient for 8 - 42 ft. x 74 ft. basketball courts with fixed standards and 6 tennis courts with fixed nets and ball fencing around the perimeter.

Each site shall have staff parking for 138 vehicles and visitor parking for 20 vehicles.

Traffic flow should allow for ease of student drop-off and for deliveries without conflicts between pedestrian and vehicular traffic. There should be easy access to the streets from the parking and drop off areas.

The flow of bus traffic sites shall be designed so that there is no conflict with car or pedestrian traffic.

Security: Measures should be taken to secure the inner campus areas around the buildings. All visitors to the campuses should be required to enter the campus at only the designated areas and that access should be monitored. Each school should have adequate fencing to secure the inner campus area where there is a concentration of students and staff. Security cameras are a good method to monitor the access. However, a security camera system, intended to limit access to sites, requires monitoring during times when students and staff are present. If a camera system is used, there should be sufficient resolution to the cameras to determine facial features.

Garden areas should be set up to grow crops as a part of the food and nutrition program and the science program.

FUSD HIGH SCHOOL SITE REQUIREMENTS

The existing high schools in the District are classified by the CDE as large (1,500 to 2,400 ADA) to very large (2,400+ ADA). 4 of the District's 5 highs schools are at or exceed the 2,400 student capacity. A.B. Miller High School, the District's largest high school, has a capacity of 3,500 students. Larger capacity high school need additional site acreage to meet educational needs. The District has indicated that Jurupa Hills High School, with a capacity of 2,000 students is the standard size for high schools. The CDE recommended size for a 2,000 student high school with a stadium and baseball fields with dugouts is 52.1 acres, whereas the recommended size for a 3,500 student high school is 70.9 acres. Jurupa Hills high school site is 44.6 acres.

The following are the Fontana Unified School District standards for high school sites. They include existing conditions and desirable conditions:

- The site shall have a stadium with synthetic track and field surfaces. Bleacher seating shall accommodate 2,000 people on the home side and 1,000 people on the visitor's side. There shall be a press box and an electronic score board.

CDE RECOMMENDED HIGH SCHOOL SITE REQUIREMENTS[1]

Total Field Area[2]	23.651 acres
Total Hardcourt Area	3.157 acres
Total Apparatus Area	0.177 acres
Building and Grounds Area	13.900 acres
Parking and Roads Area	11.200 acres
Stadium	1.700 acres
Baseball Field with Dugouts	0.300 acres
Total	52.084 acres

[1]Based on standard capacity of 2,000 students, a stadium for football, track and field activities; baseball diamond with bleachers and dugout.
[2]Includes area for stadium; bleachers and dugout at baseball diamond.

FUSD STANDARD HIGH SCHOOL SITE REQUIREMENTS[1]

Total Field Area[2]	17.394 acres
Total Hardcourt Area	2.534 acres
Swimming Pool Area	0.636 acres
Building and Grounds Area	11.362 acres
Parking and Roads Area	11.640 acres
Tree Protection Area (unusable area)	1.012 acres
Total	44.578 acres

[1]Based on standard capacity of 2,000 students, a stadium for football, track and field activities; baseball diamond with bleachers and dugout. Based on Jurupa Hills High School.
[2]Includes area for stadium; bleachers and dugout at baseball diamond.

- The site shall have 2 baseball fields, one with a skinned infield and bleachers to seat 200 people. This field shall have fenced enclosures for team seating. The second baseball field shall have a skinned infield with no bleachers.
- There shall be a multi-use practice field for soccer, rugby and football practice.
- There shall be 2 softball diamonds with skinned infields.
- The site shall have 8 tennis courts in close proximity to the student dressing rooms.
- It is desirable to have hardcourt space for 8 basketball courts in close proximity to the student dressing rooms.
- It is desirable to have 200 parking spaces for staff; 1,000 spaces for students and 30 spaces for visitors. The visitor parking shall be in close proximity to the front entrance to the campus.

Security: Measures should be taken to secure the inner campus areas around the buildings. All visitors to the campuses should be required to enter the campus at only the designated areas and that access should be monitored. Each school should have adequate fencing to secure the inner campus area where there is a concentration of students and staff. Security cameras are a good method to monitor the access. However, a security camera system, intended to limit access to sites, requires monitoring during times when students and staff are present. If a camera system is used, there should be sufficient resolution to the cameras to determine facial features.

Garden areas should be set up to grow crops as a part of the food and nutrition program and the science program.

FONTANA UNIFIED SCHOOL DISTRICT BUILDING STANDARDS

The standards that follow in this section are derived in part from the information identified by staff and community, by California Department of Education standards, and by an examination of the existing school facilities. At the District's direction, the model used for the development of these specifications was the Beech Avenue Elementary School, the Wayne Ruble Middle School and the Jurupa Hills High School. These schools are the most recently opened schools at each level and reflect the current educational needs for the facilities.

The following assumptions apply to these building standards. The designs for new schools and for modifications to existing schools will meet the following minimum standards:

- Adherence to the Collaborative for High Performance Schools (CHPS) standards to the highest level economically feasible;
- Compliance with Title 24, the California Building Code;
- Compliance with the Americans with Disabilities Act (ADA) for disabled access to buildings;
- Compliance with Title 5, California Department of Education facilities standards;
- Appropriate acoustical treatment, designed to meet the needs of the individual spaces
- Lighting systems matched to the intended use and meeting the highest efficiency standards;
- Compliance with the District Technology Plan including power distribution;
- Storage proportionate to the need will be included;
- Restrooms, both student and adult, placed in appropriate locations and in appropriate quantities.

FUSD ELEMENTARY SCHOOL BUILDING STANDARDS

School Capacity:	690 students
Grades Served:	K-5
District Loading:	
Kindergarten	24 students/clr[1]
Grades 1-3	24 students/clr[1]
Grades 4-5	30 students/clr
SDC	15 students/clr
SH	9 students/clr
Teaching Stations[2]:	
Kindergarten/Transitional Kindergarten	4
Grades 1-3	14
Grades 4-5	8
SDC	1
RSP[3]	1

[1] Loading required by Local Control Funding Formula (LCFF).
[2] Based on an even distribution of students across grades. Actual students/grade will vary from year to year.
[3] Pull out station; not loaded as a classroom.

Teaching Stations

Kindergarten

Kindergarten classrooms shall be approximately 1,200 square feet. Typically, each school will include 4 kindergarten classrooms with an adjoining work rooms. However, this number may need to be revised due to the need for Transitional Kindergarten spaces and due to class size reductions (CSR) requirements in the Local Control Finance Formula (LCFF).

There shall be one workroom serving each pair of kindergarten classrooms. The work room shall include storage cabinetry, work counter space, a sink, a refrigerator and a microwave oven. The kindergarten classrooms shall be designed with a self contained outdoor play area with play structure, paved area and turfed area. See the playground area listed in the Site Standards section of this document. The design for each room shall include:

- One sink;
- Two toilet rooms;
- 25 cubbies;
- Vinyl Composition Tile (VCT) flooring in front of the sink area. Carpeting elsewhere.;
- Windows;
- Storage cabinetry;
- Work Counter;
- Tackable wall surface for display of student work;
- Interactive whiteboard display;
- Marker board.

Grades 1-3

Primary classrooms shall be approximately 960 square feet. The design shall include:

- One sink;
- 25 cubbies;
- Vinyl Composition Tile (VCT) flooring in front of the sink area. Carpeting elsewhere;
- Windows;
- Storage cabinetry;
- Work Counter;
- Tackable wall surface for display of student work ;
- Five computer work stations around the perimeter of the classrooms;
- Interactive whiteboard.

Grades 4-5

Upper grade classrooms shall be approximately 960 square feet. The design shall include:

- One sink;
- 30 cubbies;
- Vinyl Composition Tile (VCT) flooring in front of the sink area. Carpeting elsewhere;
- Windows;
- Storage cabinetry;
- Work Counter;
- Five computer work stations around the perimeter of the classrooms;
- Tackable wall surface for display of student work
- Interactive whiteboard.

Special Education

4 Special Day Classrooms (SDC) shall be included on each elementary school site. The SDCs shall be equipped the same as the Grade 4-6 classrooms.

1 Resource Specialist Program (RSP) classroom shall be included on each campus.

1 Speech Therapy station shall be included at each campus.

Administration

The administrative spaces for each school shall include the following spaces:

Reception area with 2 clerical workstations. The area shall include seating for up to 4 people waiting outside the clerical area. There shall be a service counter separating the clerical area from the waiting area.

Clerical Workroom shall be directly adjacent to

the clerical work area and include counter space with base cabinet storage below and wall hung cabinets above. The counter space shall include a sink. Space shall be include for large Buz-Hub type copying/printing/scanning equipment. Space shall be included on the counter for a FAX machine. A space shall be include for up to 8 4-drawer filing cabinets.

Health Office shall include an area for 2 cots. There should be visual access from the clerical stations to the cot area. The Health Office shall include a single accommodation toilet. There shall be a lockable cabinet for student medications.

School Secretary shall have a separate workstation directly adjacent to the clerical workstations and in close proximity to the Principal's office.

A **Conference Room** shall be accessible from the clerical/reception area. There shall also be direct access from the Principal's office to the Conference Room. A small **Storage Room** shall be provided off the Conference Room for storage of equipment and furniture. An interactive whiteboard shall be installed on a wall convenient for viewing.

The **Principal's Office** shall be in close proximity to the clerical/reception area and include a separate, private exit directly to the exterior of the building and out of view of the reception area. There shall be direct access to the Conference Room from the Principal's office. The Principal's Office shall be of sufficient size to accommodate a small conference table with 4 chairs.

The **Vice Principal's Office** shall be in close proximity to the Principal's Office and the clerical/ reception area.

A **Storage Room** shall be located in close proximity to the clerical work area for the storage of materials and supplies for the entire campus.

Space should be include in close proximity to the administrative spaces for the computer server and the network equipment. Space should also be included for the telephone service, security and fire alarm annunciator panels.

Library Media Center

Elementary schools shall be equipped with a library/media center of approximately 2,500 square feet. Whenever possible, the school computer lab shall be adjacent to and accessible from the library. The Library shall include:

- Open space with tables and chairs sufficient for a full upper grade class;
- Control desk positioned for maximum student supervision;
- Computer stations;
- As much natural light as can reasonably be provided.

Multipurpose Building

The Multipurpose Building shall consist of the Multipurpose Room (MPR), the kitchen, serving speed lines and a permanent stage off the MPR.

The **MPR** shall be used primarily for eating, assemblies and for physical education activities (excluding volleyball).

There shall be a **Stage** directly off the MPR with a raised platform and under stage storage for folding tables and chairs. The stage shall be equipped with an accessible lift in an enclosure.

The **Kitchen** shall be for warming of prepared meals only and shall not have walk-in refrigerator or freezer units. There shall be two serving "speed lines" directly adjacent to the kitchen with a check with computer network and power connections.

Included in the kitchen area shall be a **Locker/ Changing Room** for cooks, a single accommodation restroom complete with hot water connection as required by code. Also include in the kitchen area shall be an **Office** for the cook and a **Dry Storage Room** for food storage.

FUSD MIDDLE SCHOOL BUILDING STANDARDS

School Capacity:	1,317 students
Grades Served:	6-8
District Loading:	
Grades 6-8	26 students/clr
SDC	15 students/clr
SH	9 students/clr
Teaching Stations[1]:	
Grade 6	16
Grades 7	16
Grades 8	16
SDC	4
RSP[2]	1

[1] Based on an even distribution of students across grades. Actual students/grade will vary from year to year.
[2] Pull out station; not loaded as a classroom.

Teaching Stations

All teaching stations shall be equipped with a standard teaching wall. The cabinetry on this wall will consist of the following:

- A 7'-0" tall Teacher's Wardrobe Cabinet with hanging space and shelves;
- A 7'-0" tall storage cabinet with shelving;
- 16 linear feet of base cabinet with counter top. The base cabinet shall include 3 2 door units with shelves and a 4 file drawer unit;
- Above the counter there shall be three sliding marker boards with shelves behind two units and the interactive whiteboard behind the center unit.

Based on the most current District technology standards at the time of implementation, the interactive white board shall include a ceiling mounted projector interconnected to the whit board and the teacher's computer.

Academic Classrooms

Each middle school site shall have 38 academic classrooms for subjects such as history, math, language arts, and foreign language. The academic classrooms shall be approximately 960 square feet and have the standard teaching wall as described above. The finishes and furnishings shall include:

- Vinyl Composition Tile (VCT) flooring throughout;
- Windows opposite the teaching wall;
- Wherever possible, the walls should be covered with tackable wall covering for display of student work;
- No sink or drinking fountain shall be included in the academic classrooms.

Science Classrooms

Each middle school shall include 6 science classrooms. These spaces shall have the following finishes, fixtures and equipment:

- Standard teaching wall;
- 13 build-in work stations around the perimeter of the space with a cabinet next to each stations;
- VCT flooring;
- High windows to allow day light in without causing glare on the work surfaces.

Each pair of science classrooms shall share a workroom of approximately 250 square feet. Each workroom shall be furnished with a minimum of 16 linear feet of base cabinet with plastic

laminate counter top and wall hung cabinets above. These cabinet shall be lockable for the storage of chemicals and other supplies.

Computer Labs

There shall be three **Computer Labs** of approximately 1,150 sqft. at each middle school campus. These labs shall have 20 computer stations at the perimeter of the space with data and power connections for each computer. There shall be a standard teaching wall in the space. There shall be a location for a printer/scanner/copier with power and data connections. Windows in the space should be high on the wall to avoid glare on and behind the computer screens. One of the labs shall be located in the Library in close proximity to the **Media Lab**.

Performing Arts Classrooms

Two classrooms of approximately 960 square feet shall be in close proximity to the Multipurpose Room and the Stage (See **Multipurpose** later in this section). These classroom will be used for drama and choral instruction.

Stage

The Stage shall be furnished and equipped similar to the academic classrooms. In addition to the provisions of the academic classrooms, the Stage will include open shelving for instrument storage and a deep sink for cleaning instruments.

The Stage will be raised from the Multipurpose Room floor and shall be equipped with an enclosed accessible lift. The Stage shall be provided with under stage storage for rolling table and chair racks.

Media Lab

The Media Lab shall be located in close proximity to the Library and the Computer Lab. There shall be a **Work Room** and a **Storage Room** directly accessible from this space. The Media Lab shall be approximately 1,250 square feet and shall be equipped as follows:

- Standard teaching wall;
- 12 perimeter computer stations with power and network connections;
- A location for a printer/copier/scanner;
- VCT flooring;
- High windows to avoid computer screen glare;
- Access shall be provided to the Library and from the exterior of the building.

Special Education

There shall be four **Special Day Class** (SDC) rooms at each middle school. The SDC classrooms shall be equipped similar to the **Academic Classrooms**. The SDC classrooms shall have the additional requirement of having a sink included in the room.

There shall be one **Resource Specialist Program** (RSP) room at each middle school. This room shall be of approximately 480 sqft. and have space for small groups of 8 to 12 students and teachers to work.

Administration

The Administration spaces shall include the following:

- A **Lobby** space with a main school entrance close to the visitor parking area. This space shall have seating for up to 4 adults and the seating area shall be in visual contact with the clerical staff;
- The **Clerical** area shall include work stations for 4 clerical staff with service counters surrounding the area. Space shall be provided for under counter filing cabinets. The Clerical area shall have visual supervision over the Lobby and the Attendance areas and shall control the flow of people from the public space to the staff spaces.
- The **Attendance** area shall include 3 work stations and a service window to the outside for students reporting. The Attendance area shall be directly adjacent to the Clerical area so that staff members can perform both functions.
- A **Nurses** station shall include a space for 2 cots for students that are ill; a work station; a lockable cabinet for student medications.

The area where the cots are places should be visually accessible to the clerical staff for times when the nurse is not in attendance. There shall be a single accommodation restroom with direct access from the Nurses station.

- The **Principal's Office** shall be directly accessible from the **Principal's Secretary**. The Principal's Secretary shall have control of access to the Principal's Office. The Principal's Office shall be directly adjacent to and directly accessible to the main **Conference Room**. There shall be an outside entrance to the Principal's Office out of visual contact with the parking area and the main entrance to the Administration spaces. The Principal's Office shall be large enough for a conference table and 4 chairs. This space shall be acoustically isolated from surrounding spaces.
- The **Principal's Secretary** shall have a work station directly adjacent to the Principal's Office and shall control access to that office. The Principal's Secretary shall be in close proximity to the Clerical work area.
- The **Conference Room** shall be in close proximity to the Lobby and have direct access from the Principal's Office. The Conference Room shall be equipped with an interactive white board connected to the site network for presentations and video conferencing. The space shall be equipped with a fixed credenza with a sink.
- There shall be 2 **Assistant Principal's Offices** with a shared **Assistant Principal's Secretary**. One of the responsibilities of the Assistant Principals is discipline and there shall be a **Student Waiting Area** with visual supervision from the Assistant Principal's Secretary. The Assistant Principals Offices shall be acoustically isolated from surrounding spaces.
- There shall be 3 **Counselors Offices** in close proximity to the student entrance to the Administrative offices.
- The **Workroom** shall be centrally located within the administrative spaces and be directly accessible from the Clerical area. This space shall have approximately 40 linear feet of base cabinet with counter top and wall hung cabinets above. It shall be equipped with a sink. There shall be sufficient floor space for a Biz-Hub type copier/printer/scanner. There shall be counter space for a FAX machine. There shall be sufficient floor space for several tables for project layout and assembly.
- There shall be 1 general purpose **Office.**
- One single accommodation **Restroom** shall be provided for men and one for women. These facilities shall be centrally located within the administrative spaces.
- Space shall be provided for the computer server and main distribution frame. Also, space shall be provided for the telephone equipment. Space shall be provided for the fire and security alarm annunciator panels within visual access from the clerical area.
- A space shall be provided for teacher and staff mailboxes in close proximity to the clerical workroom.

Library Media Center

The Library shall include an area for 470 linear feet of bookshelves 5 foot in height. There shall be an open reading area of approximately 1,200 square feet with space for movable tables and chairs. There shall be a circulation desk with visual supervision over the stack and reading areas. The circulation desk shall be directly adjacent to the entrance/exit to the Library. The Library shall also include the following spaces:

- A **Work Room** shall be directly adjacent to the circulation desk and control the access to that space. The Work Room shall be equipped with a rolling storage system for text books. The Work Room shall have a service counter accessible directly from the outside for the distribution and collection of textbooks. The rolling storage system shall include 120 linear feet of textbook storage.
- There shall be 2 **Conference Rooms** direct-

ly accessible from the main Library room with visual supervision by the Circulation Desk.

- The Library shall include multiple accommodation **Restrooms** for men and women.
- A **Teachers' Center** shall be provided with 20 perimeter counter workstations separated by filing cabinets. There shall also be a counter space for microwave ovens, a space for a refrigerator and a sink. This space shall be centrally located on the campus and not necessarily with the Library.
- There should be direct access from the main Library space to the Vocational Computer Lab and to the Media Lab. There should be visual supervision of the access to these spaces by the Circulation Desk.

Multipurpose

The Multipurpose Building shall consist of the MPR, the Kitchen, the Stage, the music classroom and the drama classroom. The Multipurpose Building shall also incorporate the Teachers' Lounge and the Student Store. See the section on teaching stations for information on the classrooms and the stage.

The **Multipurpose Room** (MPR) will be used primarily for eating during the lunch periods and for presentations and assemblies. The MPR shall be approximately 5,000 square feet and be directly adjacent to the Kitchen and the Stage. There shall be roll up service doors between the MPR and the Kitchen for serving meals and connections for electronic cash registers on the MPR in close proximity to the service windows. There shall be a storage room directly adjacent to the MPR for storage of equipment used in the space and there shall be under-stage rolling storage for chairs and tables.

The **Kitchen** shall be directly accessible to the MPR and shall consist of the following spaces:

- The **Kitchen** shall be a full preparation kitchen capable of preparing meals from scratch and packaging meals to be served at other locations.
- There shall be a walk-in **Refrigerator** and a walk-in **Freezer** for storage of cold goods. The entrance to the Refrigerator/Freezer shall be directly adjacent to the food preparation area and should allow for the passage of rolling carts.
- There shall be and area for **Dry Storage** of goods directly adjacent to the food preparation area and should allow for the passage of rolling carts.
- There shall be an **Office** for the head cook with a work station, power, telephone and network connections.
- A **Men's Locker Room** and a **Women's Locker Room** shall be in close proximity to the cook's entrance to the Kitchen and be directly adjacent to the **Men's Restroom** and the **Women's Restroom**, respectively.
- There shall be serving areas for interior MPR serving and service counters for exterior service. The MPR service shall be at two service counters and have warming pans for hot food.
- A loading area shall be provided with direct access to the Kitchen. This area shall have direct truck access to the street and provide an area in which trucks can easily back into the loading area.
- There shall be a enclosed area outside the Kitchen for trash containers. This area shall have direct truck access to the street and provide an area in which trucks can easily turn around.
- There shall be area outside and directly adjacent to the trash enclosure for washing trash cans. This area shall be equipped with hot and cold running water and a drain system.
- There shall be a **Serving** area with 5 exterior service windows and queuing areas outside for each service window. The queuing areas shall be protected by covered roof. The outside service area shall be directly adjacent to an outdoor covered eating area. The service counters shall be equipped with power and

network connections for electronic cash registers.

- A **Teachers' Lounge** shall be directly adjacent to the Kitchen and include a serving area for hot foods. The entrance to this area shall be out of visual contact with the student activities areas of the building. This area shall have an open space for movable tables and chairs and seating for 30 persons at one time. There shall be a sink and an area for a microwave oven and a refrigerator.
- The **Student Store** shall be located in close proximity to the outdoor serving and eating areas. This space shall be approximately 480 square feet and have adjustable shelving for display and sale of materials.
- Directly adjacent to the Stage there shall be an **Office** with work stations for the music and drama directors.

Gymnasium

The Gymnasium Building shall be in close proximity to the main parking area and in close proximity to the hardcourt and play fields. This building shall include the following spaces:

- The **Gymnasium** shall enclose a main basketball court of 84' x 50' and two cross courts. There shall be space, ceiling height and striping for a standard volleyball court. There shall be bleachers on one side only with seating for 500 people. There shall be a **Storage** room off the Main Gym for the storage of athletic equipment. The Gymnasium shall be equipped with a scoreboard and a sound system.
- The **Boys' Locker Room** shall include dressing lockers for 60 students and storage lockers for 500 students. The Locker Room shall be directly adjacent to and have visual supervision from the Staff Office. There shall be direct access to the Boys' Shower and the Storage Room.
- The **Staff Office (Boys)** shall have work stations for 2 male instructors and a window for visual supervision of the Boys' Locker Room. There shall be direct access to a **Staff Locker/Shower/Restroom** which shall be a single accommodation facility.
- The **Boys' Showers** shall be equipped with shower heads for 30 boys at one time.
- The **Storage Room** shall be equipped with a washer and dryer.
- The **Girls' Locker Room, Staff Office, Staff Locker/Shower/ Restroom, Girls' Showers and the Storage Room** shall be equipped and be of the same area as the above described Boys' spaces.
- There shall be multiple accommodation public **Restrooms** with sufficient fixtures to service large events in the Gymnasium. The Restrooms shall be directly accessible from the Main Gym.

FUSD HIGH SCHOOL BUILDING STANDARDS

School Capacity:	2,000 students
Grades Served:	9-12
District Loading:	
Grades 9-12	26 students/clr
SDC	15 students/clr
SH	9 students/clr
Teaching Stations:	
Grade 9-12	76
SDC	4
RSP	7

EDUCATIONAL SPECIFICATIONS

Organization

The typical high school campus shall be organized in traditional departments with a staff workroom included in each department. Dedicated computer labs shall be centrally located and shared by the departments. Typical departments include:

- English
- Math
- Science
- Social Studies
- Visual Arts
- Performing Arts
- Special Education
- Physical Education
- Career Technical Education

There are currently some Small Learning Communities (SLC) at high school sites. However there is no plan to implement SLCs on a wide scale or District wide. Thematic learning may take place through elective classes, however, the District has no plans to have one theme per high school site. Project based learning and small group learning are a part of the pedagogy of each school. Additional storage space is needed in conjunction with the project spaces for larger projects and materials.

Teaching Stations

Each high school shall have 38 academic classrooms of approximately 960 square feet for the instruction of Mathematics, English, Social Studies, Language Arts and Foreign Language. Academic teaching stations shall have a standard teaching wall consisting of two full height storage cabinets, a full height teacher's wardrobe cabinet, 16 linear feet of base cabinet with countertop, two 5 foot wide sliding marker boards above the counter with shelving behind and a center space for an electronic teaching surface. The standard teaching wall shall be equipped with data and power sufficient for the electronic teaching wall and peripherals. A secondary teaching wall consisting of 16 linear feet of marker board shall also be included in all academic teaching stations. Wherever possible, the remaining wall surfaces shall be finished with tackable wall covering.

Teaching stations shall also include 4 centrally located **Computer Labs** to be shared by all the departments. Computer Labs shall be equipped with power and data connections for 30 computers, a standard teaching wall and the teacher's computer station . All students shall have a clear view of the main teaching wall from the computer work station.

Each school shall include a ***Career Technical Education Department*** specializing in computer science development. The spaces in this department shall include labs for graphic design and web design; and classroom space for the instruction of software development, computer programming, computer forensics and computer security. The section of the campus housing the computer technology shall also have a large **Lecture Hall** with the capacity of 2 full classes of students in movable seating. This space could also be used for group projects and small group learning. Directly adjacent to the **Lecture Hall** shall be a **Prep Room** equipped with base cabinets and countertop work space and wall hung cabinets above. This department shall also include a **Project Demonstration and Display Area** of approximately 1,600 square feet for the display of student work. This space shall have direct access to the other labs in the department.

The ***Performing Arts Department*** shall include a **Drama Studio,** a **Choral Studio**, a **Band Room**, and a **TV Production Studio**. These spaces shall be in close proximity to the **Theatre**. Work developed and practiced in these spaces may be performed in the **Theatre**.

The **Drama Studio** shall be approximately 1,800 sqft. and be equipped with a teacher's wardrobe cabinet and 15 linear feet of base cabinet with countertop and sink. There shall be wall hung cabinets above the counter. There shall also be drinking fountains in the space. The Drama Studio shall be equipped with "green screen" backdrop, production lighting and recording equip-

ment. Wall and ceiling materials shall be of acoustical material appropriate to the type of production.

The Drama Studio shall have direct access and visual access from the **Control Room.** The Control Room shall be acoustically isolated from the Drama Studio and have counter space for recording equipment. The Drama Studio shall also have direct access to two **Dressing Rooms.** These Dressing Rooms shall have seating for three people in front of a mirror and direct access to a single accommodation restroom.

The **Choral Studio** shall be approximately 1,800 sqft. and be equipped with a teacher's wardrobe cabinet and 15 linear feet of base cabinet with countertop and sink. There shall be wall hung cabinets above the counter. There shall also be drinking fountains in the space. The Choral Studio shall have direct access to the 235 sqft. **Robe Storage** room. Wall and ceiling materials should be of acoustical material appropriate to this type of performance.

The **Band Room** shall be approximately 2,200 sqft. and be equipped with a teacher's wardrobe cabinet and 15 linear feet of base cabinet with countertop and sink. There shall also be 15 linear feet of full height storage cabinets for instruments and music. The Band Room shall have direct access to the **Uniform Storage Room**. This space shall be approximately 250 sqft. and have hanging storage for uniforms. The Band Room shall also have direct access to the **Instrument Storage Room**. This space shall have deep shelving appropriate to the storage of band instruments.

One teaching station on each high school campus shall be a large capacity **Lecture Hall** with fixed seating for approximately 100 students. This space shall have a raised dais and an enclosed **Control Room** directly adjacent to the rear of the Lecture Hall and with a window that allows visual access to the dais. The Control Room shall have control of the lighting and sound systems in the Lecture Hall.

There shall also be spaces for the instruction of the ***Visual Arts***. 3 multipurpose **Art Studios** shall be included at each site. The studios shall be equipped with storage cabinets for drawing, painting and sculpture materials. The studios shall each have access to an **Art Prep/Storage Room** containing additional base cabinets, counter top work space and wall hung cabinets above. There shall be storage cabinets for flat paintings and for sculptures. The Studios and the Prep Rooms shall be equipped with deep sinks with mud traps. Each Studio shall be equipped with a standard teaching wall.

Each high school shall have sufficient **Science Labs** to adequately meet the science requirements of the educational program. For the current educational program in a 9-12 high school with a capacity of 2,000 students, 8 **Science Labs** are required. The Labs shall be equipped with 16 fixed lab stations around the perimeter of the space. Each two stations shall share a sink with hot and cold running water, compressed air and gas connections. All stations shall have power outlets and data connections in sufficient quantity for computers and science equipment. There shall be lockable storage cabinets for equipment and on-going experiments. A demonstration table shall be provided at the head of the lab with countertop, sink, data and power. A 16 linear foot marker board shall be installed on the main teaching wall. An eye wash station and a vent hood shall be provided in each lab.

Each pair of Science Labs shall share access to a **Science Prep Room**. The Prep Room shall have secure storage of chemicals and lab materials. The Prep Room shall have 18 linear feet of base cabinet and counter top work space with wall hung cabinets above. The Prep Room should have lockable doors to limit student access. A flammable material and acid storage cabinet shall be include in the Prep Room. A fume hood shall be installed.

Thematic Learning is one of the principles for the FUSD secondary education program. Each high school shall have lab spaces dedicated to themed electives. These **Elective Labs** shall be equipped with a deep sink with mud trap and a 20 linear feet of marker board on the main

teaching wall. These labs should be sufficiently flexible to respond to changing themes over time. Each Magnet Lab shall have access to a **Prep Room**. The Prep Room shall have 27 linear feet of base cabinet with counter top work space and wall hung cabinets above. The counter tops shall include a double basin sink.

The schools shall also include 2 **Elective Labs**, similar to the Magnet Labs which should be kept as flexible as possible to accommodate a variety of changing themes of electives for each school. Each Elective Labs shall be equipped with 30 linear feet of base cabinet with counter top work space and wall hung cabinets above. The work space shall include 3 double basin sinks.

The three remaining teaching stations shall consist of the **Weight Room,** the **Dance Studio,** and the **PE Classroom.** The **Weight Room** shall be approximately 1,600 sqft. and be in close proximity to the locker rooms and be designed with a resilient floor to absorb the impact of falling free weights. The room shall be equipped with racks for free weight storage and a variety of exercise and weight machines.

The **Dance Studio** shall be approximately 1,600 sqft. and be equipped with impact resistant mirrored surfaces on the walls and wood floors on sleepers. This space shall have a ceiling of sufficient height for gymnastics and cheerleading practice.

The **PE Classroom** shall be in close proximity to the Gymnasium and shall be approximately 2,100 sqft. in size. The PE Classroom shall have a 16 linear foot marker board on one wall.

Administration

The Administration area of the campus shall include an office for the **Principal**. The Principal's Office shall include sufficient space for a small conference table with seating for 6 people. The Principal shall have a clear view of the front of the campus and the Visitors' Parking area. The office shall have a private exit directly to the exterior of the building out of the view of the main entrance and the visitor parking area.

Directly adjacent to the Principal's Office and in control of the access to that office is the **Principal's Secretary**. This space shall include sufficient area for seating for 4 people waiting to see the Principal.

Also directly adjacent to the Principal's Office and with direct access to the Principal's Office there shall be a **Conference Room** with sufficient space for a large conference table with up to 20 chairs. The Conference Room shall have video conferencing capabilities and counter space with base cabinets below and wall hung cabinets above for storage. There shall be a sink included in the counter top. The Conference Room shall have a separate entrance from the main circulation for the Administration. The Principal's Secretary shall have visual control over the entrance to the Conference Room.

There shall be 4 **Assistant Principal's Offices.** Each Assistant Principal shall have responsibility over 1 grade level at the school including student discipline, attendance and parent-teacher conferences. Each AP shall have a private secretary with a workstation and waiting area outside the AP office.

The main entrance to the school shall be through the **Lobby.** The Lobby shall be in close proximity to the visitor parking area. The Lobby shall have seating for 10 people. A **Receptionist Desk** shall have visual control of the Lobby and the Main Entrance. The Receptionist Desk shall be manned at all times when the school is open. There shall be a service counter with a counter work station behind the counter.

The **Budget Office** shall house the Budget Clerk and be of sufficient size for a standard work station with one side chair.

There shall be a **Bookkeeper's Office** with sufficient space for a work station. There shall be a service window at which students can pay fees and secure storage for fees collected.

There shall be a **Work Experience** office with sufficient size for a standard work station and 1 side chair.

The **Registrar** shall have an office in close proximity to the main entrance to the school. This

space shall be of sufficient size for a standard work station and 2 side chairs. Directly adjacent to the Registrar and with direct access shall be the **Records Storage** room. This space shall have sufficient space for the academic records of all the students. The record storage shall be secure and shall be in fire proof enclosures. There shall be a **Waiting Area** with seating for 4 people directly outside the Registrar's office.

The **Career Center** shall be located for easy access by the students and without requiring students to enter other portions of the Administration spaces. The Career Center shall house materials on potential post secondary learning institutions and job opportunities. There shall be 64 linear feet of display space for promotional material from these institutions. There shall be sufficient space, power and network connections for 30 computer stations for use by the students and one station for a staff supervisor.

There shall be 7 **Counselors' Offices** in close proximity to the Career Center. The Counselors' Offices shall have sufficient space for a standard work station and 1 side chair. There shall be a **Student Waiting Area** in close proximity to the Counselors' offices. There shall be 2 **Counselors' Secretaries** in close proximity to the Counselors' offices.

A **Psychologist's Office** and a **Speech Office** shall each have sufficient size to accommodate a standard work station and a small conference table with seating for up to 4 people.

The **Health Center** for the school shall be comprised of the **Nurse's Office**, the **Health Office**, the **Exam Room**, the **Cot Room**, and a **Restroom**. The Nurse's Office shall be of sufficient size for a standard workstation with 2 side chairs. The Health Office shall be used for routine minor exams and dispensation of students' medications. There shall be a lockable cabinet for drugs and a countertop with sink. There shall be storage cabinets for supplies. The Exam Room shall be of sufficient size for an exam table, countertop work area and a sink. Base cabinet and wall hung storage shall be included for supplies and materials. The Cot Room shall be of sufficient size for 4 cots. There shall be a window between this space and the Health Office for visual supervision of students on cots. The Restroom shall be directly accessible from the Cot Room.

The **Attendance Office** shall be of sufficient size for 3 standard workstations and be located in close proximity to the student entrance to the campus. Student will report to the Attendance Office when entering or leaving campus at any time other than regular start times or when they leave campus during the school day. There shall be a service window with the capability of servicing 3 students at one time.

There shall be a **Security Office** for the Campus Security Officer. This space shall be of sufficient size for a standard workstation and 2 side chairs. There shall be a **Student Waiting Area** directly adjacent to the Security Office and there shall be a window in the Security Office to provide visual supervision of the Student Waiting Area.

There shall be a **Workroom** for teachers and clerical staff centrally located within the Administration facility. The Workroom shall have sufficient space for 1 Buz-Hub type high volume copier/printer/scanner. There shall be 32 linear feet of base cabinet with countertop work space and wall hung cabinets above. There shall be counter space and telephone connections for a FAX machine. The FAX machine shall have a dedicated phone line which is not VOIP for emergency communications. There shall be counter space for a desktop model copier/printer/scanner with network and power connections. There shall be space and power connections for a residential model refrigerator/freezer and a double basin sink with hot and cold water.

There shall be a small **Copy Center** located in close proximity to the Career Center and the Counselors' offices. This space shall have sufficient space for a Biz-Hub type copier/printer/scanner. There shall also be counter work space with a double basin sink and space for a residential type refrigerator/freezer.

There shall be a **Communications Room** located in the Administration spaces with easy access

to the exterior. This space shall house the telephone head-in panel and the computer network Main Distribution Frame (MDF).

There shall be 2 single accommodation restrooms each for men and for women, centrally located within the Administrative spaces.

Theater

The **Theater** shall have an **Auditorium** with seating for 400 people. There shall be a **Stage** of approximately 2,500 sqft. with a full fly loft and rigging for scene flats, curtains and lighting. There shall be professional quality stage lighting and sound systems controlled by the **Control Room** at the rear of the Auditorium. The Stage shall have direct access through large overhead doors to the **Scene Shop**. The doors shall be of sufficient height and width to accommodate large scene flats and other large props used in productions.

The Theater shall be accessed through the **Lobby.** The Lobby shall be approximately 2,000 sqft. and be in close proximity to public parking. The Lobby shall also be directly accessible from the classroom sections of the campus.

There shall be a **Ticket Booth** with a service window accessible from the exterior of the Lobby. The Drama Studio, Band Room and Choral Studio shall all be in close proximity to the Stage.

The **Scene Shop** shall be approximately 1,400 sqft. and be equipped with 18 linear feet of base cabinet with countertop and a double basin sink. There shall be wall hung cabinets above the countertop. There shall also be 15 linear feet of full height storage cabinets. The Scene Shop shall have direct access through large overhead doors to a loading dock for the delivery of materials used in the construction of flats and other props used in stage productions. The Scene Shop shall also have direct access to a 300 sqft. **Storage Room** for the storage of materials used in the construction of props.

Library

In addition to housing the school's printed collection of materials, the **Library** can be used for independent research, group meetings, classroom instruction and staff meetings.

The Library shall consist of the **Reading Room**, the **Circulation Desk**, the **Library Workroom**, the **Librarian's Office**, the **Computer Area**, and two small group **Conference Rooms**.

The **Reading Room** shall be approximately 6,000 sqft. And contain 1,440 linear feet of book shelves. The bookshelves, or stacks, shall be arranged so that there is clear view of the area between the stacks from the Circulation Desk.

The reading area shall have sufficient space for 3 full classes of students. Seating shall be flexible to allow for individual, small group and large group meetings. There shall be an electronic teaching wall in the reading area for presentations and instruction of library science. The floor surface shall be carpeted to reduce noise. Walls and ceilings shall have acoustical finishes to reduce noise.

The **Circulation Desk** shall be approximately 360 sqft. and have clear view of the stacks, the reading area, the Conference Rooms and the entrances to the Library. The Circulation Desk shall have a service counter, a computer station and a book return box.

The **Library Workroom** shall be approximately 250 sqft. and have 40 linear feet of base cabinet with countertop and wall hung cabinets above. The base cabinets shall include a double basin sink. There shall be 12 linear feet of full height storage cabinets. The Workroom shall be directly adjacent to and accessible from the Circulation Desk area.

The **Librarian's Office** shall be approximately 200 sqft., be in close proximity to and have direct visual access to the Circulation Desk.

A **Computer Area** for research shall be approximately 700 square feet, be open to the Reading Room and shall have data and power connections for 15 to 20 computers. This area shall be visually supervised by persons at the Circulation Desk.

There shall be two **Conference Rooms** of approximately 200 square feet each off the Reading

Room. These spaces can be used for small group meetings, project development or student-teacher meetings. These spaces shall be visually supervised by persons at the Circulation Desk.

Textbook Storage and Distribution

There shall be a **Textbook Storage** room of approximately 1,200 square feet in close proximity to the Librarian's Office. This space should have access to deliveries of heavy objects (boxes of books). There shall be approximately 250 linear feet of full height book storage shelving on a rolling storage system. There shall be a service window for checking out textbooks and an area outside the service window for students to queue up without blocking circulation. There shall be approximately 20 linear feet of base cabinet with countertop and wall hung cabinets above. There shall be a double basin sink.

Kitchen

The **Kitchen** shall have the capability of preparing meals from scratch to serve a high school of 2,000 students and to prepare meals for transportation to other school locations. The **Serving Areas** shall include both speed lines and a food courts with thematic serving kiosks. The serving areas shall be in close proximity to the indoor and outdoor student eating areas. The Kitchen shall have a delivery and loading area with easy access to vehicular circulation for delivery trucks. The total area of the Kitchen shall be approximately 5,400 square feet.

There shall be a **Staff Dining Room** of approximately 1,250 square feet located with direct access to the Kitchen for serving the staff. A separate outside access should be provided in a location remote from student circulation. The Staff Dining shall have direct access to a single accommodation **Restroom**.

Multipurpose Area

There shall be a **Multipurpose Area** of approximately 4,000 square feet directly adjacent and open to the Main Quad and directly adjacent to the serving area on the Kitchen. There shall be an outdoor, covered eating area of approximately 4,000 square feet directly adjacent to the Multipurpose Area. The Multipurpose Area will be used for student eating at lunch and for presentations and large group meetings. The Multipurpose Area should have a raised platform area from which presentations can be made. Flexible outdoor seating should be provided in the Outdoor Eating Area to promote small group gathering and interaction.

CDE RECOMMENDED CONTINUATION HIGH SCHOOL SITE REQUIREMENTS[1]

Total Field and Hardcourt Area	1.102 acres
Building and Grounds Area	0.643 acres
Parking and Roads Area	1.102 acres
Total	2.857 acres

[1]Based on standard capacity of 100 students.

FUSD CONTINUATION HIGH SCHOOL BUILDING STANDARDS

School Capacity:	876 students
Grades Served:	9-12
District Loading:	
Grades 9-12	26 students/clr
SDC	15 students/clr
SH	9 students/clr
Teaching Stations:	
Grade 9-12	33
SDC	0
SH	2

Teaching Stations

Each continuation high school shall have 19 standard academic classrooms of approximately 960 square feet (sqft) for the instruction of Mathematics, English, Social Studies, Language Arts and Foreign Language. Academic teaching stations shall have a standard teaching wall consisting of two full height storage cabinets, a full height teacher's wardrobe cabinet, 16 linear feet of base cabinet with countertop, two 5 foot wide sliding marker boards above the counter with shelving behind and a center space for an electronic teaching surface. The standard teaching wall shall be equipped with data and power sufficient for the electronic teaching wall and peripherals. A secondary teaching wall consisting of 16 linear feet of marker board shall also be included in all academic teaching stations. Wherever possible, the remaining wall surfaces shall be finished with tackable wall covering.

Teaching stations shall also include 2 Science Labs of approximately 1,400 sqft. One lab shall be equipped for general science instruction with 16 fixed lab stations around the perimeter of the space. Each two stations shall share a sink with hot and cold running water, compressed air and gas connections. All stations shall have power outlets and data connections in sufficient quantity for computers and science equipment. There shall be lockable storage cabinets for equipment and on-going experiments. A demonstration table shall be provided at the head of the lab with countertop, sink, data and power. A 16 linear foot marker board shall be installed on the main teaching wall. An eye wash station and a vent hood shall be provided in each lab.

The second science lab shall be equipped for Biology and Chemistry instruction. This lab shall have 6 4 person lab tables with sinks and water and storage cabinets below. This lab shall have a demonstration table, marker board, eye wash station and vent hood.

Each pair of Science Labs shall share access to a **Science Prep Room**. The Prep Room shall have secure storage of chemicals and lab materials. The Prep Room shall have 18 linear feet of

base cabinet and counter top work space with wall hung cabinets above. The Prep Room should have lockable doors to limit student access. A flammable material and acid storage cabinet shall be include in the Prep Room. A fume hood shall be installed.

Each continuation high school shall have a computer lab. This lab shall be designed as a standard academic classroom with additional electrical and data outlets for 26 students.

The school shall also include a space of approximately 1,200 sqft for the instruction of Two dimensional Art. This space will be used of drawing and painting and shall have 2 deep sinks with mud traps for cleanup and the collection of paint particles. There shall be a space directly adjacent the Art Studio for the drying and storage of art work and materials and for class preparation. This space shall have storage racks, counter space and base cabinets. The Art Studio shall have direct access to the outside and a space outside the classroom for outdoor work.

There shall be a Computer Aided Design (CAD) lab with computer stations for 26 students and layout space directly adjacent to each station. A space shall be provided with direct access from the CAD Lab for printers and plotters and for the storage of materials.

There shall a Woodworking/Construction Lab of approximately 3,500 sqft equipped with power tools and hand tools commonly used in the construction and woodworking industries. This space shall have vehicular access for the delivery of materials and be accessible from the exterior through a large overhead door. The space shall be equipped with an exhaust system to evacuate sawdust particles.

There shall be a Plumbing/HVAC Lab of approximately 3,500 sqft for the instruction of construction plumbing and Heating, Ventilation and Air Conditioning equipment and methods. This space shall also have vehicular access and shall have large overhead doors. Both the Woodworking/ Construction Lab and the Plumbing/HVAC Lab shall have secure tool storage rooms and secure material storage rooms.

Administration

The administrative spaces shall be close to the public access to the school. Visitors shall be required to check in at the administrative entrance upon arrival at the campus. There shall be a **Reception** area with seating for 6 people at the main entrance. The **Clerical** area shall have visual access to the main entrance and the Reception area and shall be separated from the Reception by a service counter. The Clerical area shall have standard work stations for 3 clerical staff.

There shall be private offices for the **Principal** and the **Assistant Principal**. These offices shall have sufficient space for a standard work station and a small conference table with seating for up to 4 people. The offices shall be separated by a **Conference Room** and have direct access to that room**.** The Conference Room shall have sufficient space for a conference table with seating for 16 people; counter space with a sink; and an interactive white board. The Principal and Assistant Principal's offices shall have an exit directly to the exterior of the building outside the view from the parking lot.

There shall ne 2 **Counselors' Offices** with sufficient space for a standard workstation and 2 side chairs. The Counselors' Offices shall be in close proximity to a **Conference Room** with sufficient space for a small conference table and seating for up to 6 people.

There shall be a **Nurse's Office** with sufficient area for a standard workstation and a cot. The Clerical Area should have visual access to the cot for times when there is a sick student and the Nurse is not on campus. There shall be a lockable cabinet for student medications. The Nurse's Office shall be directly adjacent to, and have direct access to, a single accommodation restroom.

There shall be a **Workroom** for the administrative staff and the teachers located in close proximity to the Clerical Area. The Workroom shall have sufficient space and power for a high volume Biz-Hub type copier/scanner/printer. There shall be countertop space with base cabinets below and wall hung cabinets above. The counter space shall include a sink with hot and cold run-

ning water. The teachers' mail boxes shall be located in the Workroom.

Each school shall have a space dedicated to materials on higher education and career opportunities. The **Career Center** shall have display space for printed materials from colleges and universities and potential employers. The space should also have space for computers with which students can research opportunities, businesses and institutions of higher learning. This space shall be located close to the counselors' offices.

Multipurpose Room

Each continuation high school shall have a **Multipurpose Room (MPR)** with sufficient space to seat 50 percent of the student population for eating. The MPR shall be located in close proximity to the parking area for ease of access during evening events. Access to the MPR after school hours shall not provide access to the secure areas of the inner campus. The MPR shall be directly accessible from the **Food Service** area of the **Kitchen.** The Food Service area shall be directly accessible from the Kitchen. Kitchens at the continuation high schools are warming and service kitchens only and not used for food preparation. Meals will be prepared at other District locations and delivered to the sites. The Kitchen should have direct access to a loading area for the delivery of prepared meals. Meals bay be delivered on carts, therefore, an even, unobscured path of travel is necessary from the loading area into the Kitchen.

Gymnasium

Each continuation high school shall have a **Gymnasium** of sufficient size to house a full size high school basketball court (84 feet by 50 feet). There shall be retractable bleacher seating on one side for 850 people. There shall be sufficient space with the bleachers retracted for 2 side basketball courts. There shall be 2 **Locker Rooms**, one for boys and one for girls. Each Locker Room shall be equipped with 50 dressing lockers and 400 clothes storage lockers. The Locker Rooms shall have direct access to multi-accommodation **Restrooms**.

There shall be a **Coaches' Office** in each of the Locker Rooms. The Coaches' Offices shall be of sufficient size for two standard workstations. Each office shall have direct access to a **Restroom** and **Shower/Dressing Area.**

Site Requirements

There shall be sufficient field area for a practice soccer field and two overlapping softball diamonds. There shall be 5 basketball courts on hardcourt in close proximity to the Boys' and Girls' locker rooms. There shall be sufficient parking for 50 percent of the student population plus 2.25 times the number of teaching stations included on the campus. This represents the CDE recommendation for parking for teachers, aides, administrators and visitors.

EQUITY STUDY

EQUITY STUDY

The TSS staff reviewed all District school sites and compiled comparison data on key elements within the schools. This data focused primarily on the types of spaces included at the schools, the size of the spaces in square feet (sqft), and the condition of the spaces on a scale of 1 to 10. The data collected is found in tables in this section. A summary of the key elements of the data is listed here.

ELEMENTARY SCHOOLS

The District has indicated that the Beech Avenue Elementary School is the model standard for the elementary schools. Beech Avenue Elementary School has 2 kindergarten classrooms and 22 grade 1-5 classrooms. Assuming an even distribution of students across the grades and District loading standards of 24 students in each kindergarten through third grade classroom and 30 students in each fourth through sixth grade classroom, this would result in a student population of 624 students per elementary school. There is also one special day class (SDC) increasing the total population to 636.

Of the 29 elementary schools in the District three schools, Chaparral, Shadow Hills and Oak Park elementary schools, have slightly less student capacity than this standard. The remaining 25 schools are larger in capacity, ranging from 25 teaching stations to a high of 39 teaching stations at Maple and South Tamarind elementary schools with an average of 30 teaching station per school site.

Transitional Kindergarten and Local Control Funding Formula

Two programs mandated by the State have greatly impacted elementary schools in California in recent years. These are the Transitional Kindergarten program that allows parents to enroll students in kindergarten at an earlier age and the class size reduction mandated by the Local Control Funding Formula.

Transitional Kindergarten
SB 1381, approved by the State in 2010, requires that, by the 2014/15 school year, children whose fifth birthday occurs in September, October or November, be admitted to a Transitional Kindergarten program. The effect of this is to potentially increase the total kindergarten population in a district by 25%.

Local Control Funding Formula (LCFF)
The new LCFF penalizes districts that have class sizes in excess of 24 in grades kindergarten through 3. The impact of both of these programs is to substantially increase the space needed to adequately house these students. The Fontana Unified School District has sufficient capacity to accommodate additional students however, the California Department of Education (CDE), Title 5 regulations state that kindergarten classroom size is to be "…not less than 1,350 square feet, including restrooms, storage, teacher preparation, wet and dry areas." The regulations also state "Restrooms are self-contained within the classroom or within the kindergarten complex." Therefore, the additional kindergarten and transitional kindergarten classes should not be housed in traditional 960 square foot classrooms.

Based on the District's 2013 CalPADS kindergarten enrollment of 3,174, the District will need space for approximately 3,965 Transitional Kindergarten and standard Kindergarten students. With LCFF mandating a maximum class size of 24 students per teaching station, the District will potentially require 166 kindergarten classrooms. The District currently has 56 teaching stations that meet the CDE standards for kindergarten classrooms. Double session kindergarten would reduce the required number of classrooms, however, with all the schools at double session, there would still be an estimated need for 27 additional kindergarten classrooms.

Sites

The California Department of Education (CDE) has established recommendations for site sizes based on the capacity of the school. These recommendations can be found in the CDE document ***Guide To School Site Analysis and Development, 2000 Edition***. This publication recommends site functions including playfields, hardcourt, apparatus areas and parking. The document also includes recommendations for the area required for those functions. The recommended site size for the District's standard elementary school is 11.6 acres. This includes area for class size reduction.

The elementary school sites in the Fontana Unified School District range in size from 5.5 acres to 11.92 acres. Smaller sites such as Canyon Crest (5.5 acres), Chaparral (5.5 acres), Shadow Hills (6 acres) and Oak Park (6 acres) elementary schools are adjacent to parks with which the District has a joint use agreement.

The CDE recommendations for parking at the elementary school level is 2.25 parking spaces for each teaching station. Based on these recommendations 12 of the elementary schools have insufficient parking for teachers, staff and visitors. The most critical need for parking are Canyon Crest and Cypress elementary schools with less than 50% of the recommended parking and North

ELEMENTARY SCHOOLS

EQUITY DATA

SITE ELEMENTS	Site		Playfield		Hardcourt		Playground Apparatus Areas									Parking	
							Kindergarten			Grades 1-3			Grades 4-6				
School Name	Acreage	Capacity (District Standards)	Area (Acres)	Condition*	Area (Acres)	Condition*	Area (Acres)	Equipment	Condition*	Area (Acres)	Equipment	Condition*	Area (Acres)	Equipment	Condition*	Number Spaces	Condition*
Almond Elementary 2003	10	810	3.11	7	0.71	8	0.022	1	8		0		0.0465	1	8	90	6
Beech Elementary 2007	9.3	720	2.07	8	1.41	9	0.014	1	9		0		0.055	1	9	87	8
(Kathy) Binks Elementary 2008	10.22	780	2.99	8	0.87	9	0.026	1	9		0		0.040	1	9	110	8
Canyon Crest Elementary 1992	5.5	840	City Park	n/a	0.9	7	0.041	1	7		0		0.041	1	7	31	6
Chaparral Elementary 2000	5.5	660	City Park	n/a	0.46	7	0.115	1	8		0		0.034	1	8	80	7
Citrus Elementary 2000	11.92	870	6.4	7	1.16	7	0.041	1	8		0		0.077	1	8	82	7
Cypress Elementary 1970	8.68	1020	3.2	5	1.1	6	0.055	1	7		0		0.046	1	7	38	7
Date Elementary 1997	7.89	900	1.49	6	1.4	6	0.032	2	8	0.034	1	8	0.057	1	8	110	7
(Dorothy) Grant Elementary 2004	10	780	2.53	8	0.92	8	0.037	2	8		0		0.055	1	8	75	8
Hemlock Elementary 1993	9.05	750	2.67	6	0.9	6	0.041	1	6		0		0.041	1	5	67	6
Juniper Elementary 1958	8.72	990	1.54	6	1.62	7	0.021	1	7		0		0.191	1	7	77	7
Live Oak Elementary 1962	9.69	960	2.1	6	1.51	5	0.031	1	6		0		0.107	2	5	69	7
Locust Elementary 1987	10	780	3.95	6	1.33	5	0.052	1	7		0		0.124	1	7	74	7
Mango Elementary 1992	10	840	2.95	5	1.32	6	0.041	1	5		0		0.041	1	5	44	6
Maple Elementary 1963	9.43	1170	3.18	6	2.27	6	0.039	1	8		0		0.062	1	8	54	6
No. Tamarind Elementary 1951	9.55	990	4.85	4	0.89	6	0.037	1	8	0.055	1	8	0.055	1	8	40	7
Oak Park Elementary 1989	6	690	City Park	n/a	0.72	6	0.037	1	8	0.055	1	8	0.055	1	8	80	6
Oleander Elementary 1955	8.98	1140	3.08	8	0.61	8	0.037	1	8	0.055	1	8	0.055	1	8	68	5
Palmetto Elementary 1958	8.89	1050	2.31	5	1.57	5	0.037	1	8		0		0.048	1	8	63	5
Poplar Elementary 1958	9.55	990	3.01	6	0.51	6	0.037	1	6	0.037	1	6	0.037	1	6	72	6
(Ted J.) Porter Elementary 2005	10	1110	3.25	7	1.32	8	0.046	1	9		0		0.062	1	9	86	7
Primrose Elementary 1980	9	750	1.29	6	1.31	6	0.037	1	8		0		0.031	1	8	119	5
Randall Pepper Elementary 1951	8.51	930	2.68	6	0.25	5	0.015	1	7		0		0.053	1	6	82	7
Redwood Elementary 1950	9.55	1080	4.11	6	0.78	5	0.037	1	8		0		0.037	1	8	62	7
Shadow Hills Elementary 1989	6	660	City Park	n/a	0.72	8	0.037	1	7		0		0.055	1	7	63	8
Sierra Lakes Elementary 2002	7	780	3.86	8	1.17	9	0.037	1	9		0		0.021	1	9	81	8
South Tamarind Elementary 1951	8.54	1170	2.92	6	0.66	6	0.037	1	7	0.037	1	7	0.037	1	7	77	5
Tokay Elementary 1982	10	960	2.87	5	0.95	6	0.037	1	7		0		0.037	1	7	81	7
West Randall Elementary 1947	9	1110	2.11	7	0.83	8	0.037	1	8	0.037	1	8	0.037	1	8	62	8
Average	8.84	906.21	2.98		1.04		0.038			0.045			0.056			73.24	

* Condition rated on a scale of 1 - 10: 1 is poor condition; 10 is excellent condition.

ELEMENTARY SCHOOLS

EQUITY DATA

BUILDING ELEMENTS	Admin		Teaching Stations						Library		MPR		Kitchen			Computer Lab			Music		Staff Breakroom		Staff Workroom		Art		Science		Special Education						RSP			Special Education					RSP		Speech		Psychologist		Restrooms					
			Permanent			Portable																																							Boys		Girls		Adult	
School Name	Total Area	Condition*	Number	Average Size	Condition*	Number	Average Size	Condition*	Area	Condition*	Area	Condition*	Type**	Area	Condition*	Number	Average Size	Condition*	Area	Condition*	Area	Condition*	Total Area	Condition*	Area	Condition*	Area	Condition*	Number SH	Number SDC	Av Area	Condition [1]	Number RSP	Av Area	Condition [1]	SDC	SH	Av Area	Condition*	Av Area	Condition*	Area	Condition*	Area	Condition*	# Fixtures	Condition*	# Fixtures	Condition*	# Fixtures	Condition*
Almond Elementary 2003	5628	8	28	923	8	2	960	6	1320	8	3817	7	S	1030	7	1	960	8	960	7	273	7	836	7	0		997	8	0	1	997	8	2	395	8	1		997	8	2/395	8	156	8	0	0	15	7	12	8	3	8
Beech Elementary 2007	2750	9	24	960	9	0	0		3780	9	4672	9	S	1308	9	1	960	9	Sci		704	9	311	7	0		960	9	0	1	960	9	1	596	9	1		960	9	1/596	9	220	9	0	0	15	8	12	9	7	9
(School #31)	1944	9	26	960	9	0	0		2800	9	4175	9	S	1516	9	1	960	9	Sci		897	9	0	0	0		952	9	0	1	898	9	1	960	9	1		898	9	1/960	9	504	9	0	0	22	9	19	9	11	9
Canyon Crest Elementary 1992	2601	7	20	1006	7	8	960	6	2800	7	3070	7	S	680	8	1	960	6	Sci		784	7	352	7	0		960 965	6	0	1	1006	7	1	1006	7	1		1006	7	1/1006	7	96	7	0	0	21	6	16	7	10	7
Chaparral Elementary 2000	3,840	7	19	965	7	3	960	6	4272	7	4276	7	S	1092	7	1	1035	8	Sci		960	7	960	7	0		965	7	0	1	965	7	1	965	7	1		965	7	1/965	7	965	7	268	7	19	6	15	7	6	7
Citrus Elementary 2000	2264	7	18	912	7	11	960	6	2399	7	3196	7	S	1113	7	1	960	6	Sci		291	7	543	0	0		960	6	0	1	900	7	1	923	7	1		900	7	1/923	7	623	7	0	0	11	6	11	7	10	7
Cypress Elementary 1970	1355	5	22	872	6	12	960	6	3991	6	2812	6	S	1225	6	1	1594	6	Sci		937	6	478	0	0		960	5	0	1	960	5	1	868	6	1		960	5	1/868	6	0	0	0	0	27	6	19	7	9	7
Date Elementary 1997	1539	6	21	951	7	9	960	6	1594	7	4441	7	S	858	7	1	525	7	920	7	540	7	320	7	0		920	7	2	1	960	9	2	700	7	1	2	960	7	2<700	7	614		307	7	17	6	11	7	11	7
(Dorothy) Grant Elementary2004	4416	8	23	874	8	3	960	7	1938	8	3597	8	S	858	8	1	648	8	Sci		800	8	357	8	0		960	7	0	1	899	8	1	841	8	1		899	8	1/841	8	177	8	121	8	21	7	17	8	6	8
Hemlock Elementary 1993	2601	6	19	1009	8	6	960	5	3711	6	3070	6	S	680	6	1	475	6	Sci		784	6	352	6	0		960	6	0	2	1009	6	1	400	6	2		1009	6	1/400	6	1009	6	156	6	18	5	14	6	14	6
Juniper Elementary 1958	2621	6	18	1058	7	15	960	6	1913	7	3268	6	S	975	6	1	960	6	960	6	1093	6	0	6	0		960	6	0	4	1117	6	1	955	6	4		1117	6	1/955	6	960	6	Speech	0	17	6	14	7	9	7
Live Oak Elementary 1962	2003	5	18	968	6	14	960	5	1325	6	2640	5	S	975	7	1	968	6	960	6	388	6	447	6	0		960	6	0	1	960	6	1	964	6	1		960	6	1/960	6	964	6	0	0	18	5	15	6	11	6
Locust Elementary 1987	2356	6	19	960	6	7	960	5	960	6	3456	5	S	366	6	1	960	6	960	6	524	5	0	0	0		960	6	1	2	960	6	1	960	6	2	1	960	6	1/960	6	0	0	0	0	8	5	7	6	10	6
Mango Elementary 1992	2601	5	17	995	5	9	960	4	3555	5	3070	5	S	680	6	1	631	6	Sci		784	6	352	6	0		960	6	0	4	995	6	1	960	6	4		995	6	1/960	6	156	6	0	0	16	6	10	7	14	7
Maple Elementary 1963	2070	6	21	966	6	18	960	5	2850	6	3080	6	S	988	6	1	960	6	Sci		862	6	584	6	0		960	6	0	1	1740	6	1	968	6	1		1740	6	1/968	6	484	6	0	0	17	6	12	6	12	6
North Tamarind Elementary1951	1084	6	21	965	6	12	960	4	1600	6	2100	6	S	920	6	1	1248	6	Sci		1170	6	960	6	0		960	6	0	2	960	6	1	928	6	2		960	6	1/928	6	960	6	960	6	29	5	13	6	6	7
Oak Park Elementary 1989	2070	6	16	948	6	7	960	5	2496	6	3560	5	S	943	6	1	948	6	Sci		350	6	196	6	0		960	6	0	2	948	6	1	948	6	2		948	6	1/948	6	95	6	0	0	8	7	6	7	6	8
Oleander Elementary 1955	1605	5	23	980	6	15	960	4	1884	5	3014	5	S	759	6	1	980	5	980	5	960	4	0	0	0		Music	5	0	2	955	5	1	980	5	2		955	5	1/980	5	0	0	960	5	16	5	12	6	5	6
Palmetto Elementary 1958	1788	5	22	980	6	13	960	4	1500	5	2537	5	S	1337	6	1	980	5	960	5	496	6	276	0	0		960	5	0	1	980	5	2	980	5	1		980	5	2/980	5	960	5	960	5	28	7	20	8	5	8
Poplar Elementary 1958	1360	5	20	992	6	13	960	4	1200	5	2960	5	S	448	6	1	951	5	Sci		1389	5	0	0	0		960	5	2	2	1088	5	1	928	5	2	2	1088	5	1/928	5	935	5	0	0	26	7	16	8	8	8
(Ted J.) Porter Elementary 2005	2576	9	29	960	9	8	960	6	1085	9	2397	9	S	899	9	1	900	9	960	9	961	9	540	9	0		960	9	0	1	960	9	1	960	9	1		960	9	1/960	9	248	9	370	9	20	8	14	9	9	9
Primrose Elementary 1980	3346	6	5	863	6	17	960	4	1050	6	3187	5	S	814	8	1	875	7	960	7	300	7	384	0	0		960	7	6	0	875	7	2	750	7	2	4	875	7	2/750	7	1175	7	0	0	22	5	26	5	8	6
Randall Pepper Elementary 1951	1084	5	28	960	6	3	960	4	1736	5	2120	5	S	1268	6	1	868	6	Sci		1275	6	252	0	0		960	6	0	1	960	5	1	960	5	1		960	5	1/960	5	868	5	0	0	33	7	16	7	8	7
Redwood Elementary 1950	1200	5	20	954	6	16	960	4	2250	7	2146	6	S	576	6	2	960	6	960	6	1160	6	883	6	0		960	6	0	1	960	6	1	960	6	1		960	6	1/960	6	0	6	883	6	26	8	18	8	9	8
Shadow Hills Elementary 1989	2070	8	18	947	8	4	960	6	2496	8	3560	7	S	943	7	1	960	7	Sci		350	7	196	7	0		960	7	0	1	960	7	1	960	7	1		960	7	1/960	7	350	7	350	7	11	8	8	8	6	8
Sierra Lakes Elementary 2002	2752	9	23	916	8	3	960	6	1226	9	3630	9	S	917	9	1	910	9	960	9	640		0	9	0		960	9	0	2	1042	9	0			2		1042	9	1/960	9	0		0	0	11	8	6	9	11	9
South Tamarind Elementary1951	1084	6	23	960	6	16	960	5	2400	7	2120	7	S	920	7	1	960	7	960	7	960	7	960	7	0		960	7	0	2	1049	7	1	960	7	2		1049	7	1/960	7	935	7	144	0	21	8	14	8	4	8
Tokay Elementary 1982	1280	7	21	960	6	11	960	5	1504	7	2750	7	S	833	7	1	960	7	Sci		1456	6	960	6	0		960	7	1	1	1060	7	1	960	7	1	1	1060	7	1/960	7	0	0	0	0	14	6	13	7	7	7
West Randall Elementary 1947	2968	9	17	957		20	960	6	2232	9	2120	9	S	510	9	2	597	9	960	9	360	8	456		986	8	960	8	0	2	974	8	1	988	8	2		974	8	1/988	8	0		0	0	20	8	19	9	8	9

*Condition rated on a scale of 1 - 10: 1 is poor condition; 10 is excellent condition.

**Kitchen Type: S - Serving only; F - Full Cook Kitchen

Tamarind Elementary School with just over 50% of the recommended parking.

Teaching Stations

All elementary schools have at least one computer classroom which is used as a pull-out station and not loaded for capacity purposes. The computer classrooms were observed to be in fair to excellent condition.

Each elementary school has a space designated as an Enhancement Room. This space is used for activities including music, art or science instruction. This space is a pull-out station and not loaded for capacity purposes. These spaces were observed to be in fair to excellent condition. One school, West Randall Elementary School, has a classroom dedicated to art instruction. This space is 986 square feet and was observed to be in good condition.

Special Education Classrooms

Each elementary school has at least one Special Day Class (SDC) for non-severe special education instruction. A limited number of sites have facilities for instruction and care for severely disabled individuals. Listed below are the spaces that are indicated at each site. All spaces were observed to be in fair to excellent condition.

Enrollment data and enrollment projections were not available and, therefore, a determination of the adequacy of the quantity of spaces cannot be made.

Each elementary school has at least one Resource Specialist Program (RSP) space. 3 schools have 2 RSP spaces. These spaces range in size from 395 square feet to 1006 square feet. The average size is 864 square feet. These spaces were observed to be in fair to excellent condition.

Speech and Psychologist

22 of 29 elementary schools have a space dedicated to the speech program. These spaces range in size form 95 sqft to 1009 sqft with an average size of 591 sqft. Of the remaining 7 schools, 3 reported using the RSP spaces for the speech program. The speech program spaces were reported to be in fair to excellent condition. The following schools did not have a space dedicated to the speech program:

- Cypress Elementary School *
- Locust Elementary School *
- Oleander Elementary School
- Redwood Elementary School
- Sierra Lakes Elementary School
- Tokay Elementary School
- West Randall Elementary School
- *Schools reporting the use of the RSP space for the speech program

Only 11 of the 29 elementary schools have spaces dedicated to the psychologist. The average size to the 11 spaces ranges from 121 sqft to 960 sqft with an average size of 498 sqft. The condition of these spaces was observed to be in fair to excellent condition. The schools with a space for the psychologist are:

- Chaparral Elementary School 268 sqft
- Date Elementary School 307 sqft
- Grant Elementary School 121 sqft
- Hemlock Elementary School 156 sqft
- N. Tamarind Elementary School 960 sqft
- Oleander Elementary School 960 sqft
- Palmetto Elementary School 960 sqft
- Ted Porter Elementary School 370 sqft
- Redwood Elementary School 883 sqft
- Shadow Hills Elementary School 350 sqft
- S Tamarind Elementary School 144 sqft

Administration

The average area of administrative spaces in the District's elementary schools is 3,745 sqft. The newer schools, 1989 and newer, tend to be considerably larger with Porter Elementary School being the largest at 8,520 sqft. The District's elementary schools built in the 1950's tend to be considerably smaller than schools built later. South Tamarind Elementary School built in 1951 has the smallest administration area with only 1,176 sqft. The conditions of the administrative spaces were observed to be fair to excellent.

Libraries

All District elementary schools were reported to have libraries with an average size or 3,038 sqft. However, 4 schools, Beech Avenue, Canyon Crest, Hemlock and Mango elementary schools had considerable larger libraries that other schools.

Kitchens

The District's ***Central Kitchen Survey*** report completed in 2013 indicates that the District operates full production kitchens at A.B. Miller High School, Summit High School and Kaiser High School. Prepared meals are delivered to the elementary schools where the hot food is warmed and served. Specific recommendations for kitchen upgrades are noted in the ***Central Kitchen Survey*** report.

Most elementary kitchens are minimally equipped and serve meals through either speed lines or service windows. Most older schools, schools completed prior to 1980, have equipment that is out of code compliance and needs to be upgraded. None of the elementary schools have walk-in cooler/freezer units and the report recommends the addition of these units to the schools.

Elementary school kitchens range in size from 2,475 at Binks Elementary School to 200 sqft at Poplar Elementary School. The average size is 783 sqft. The condition of the kitchens was observed to be good to excellent, however, most kitchens were in the lower end of the good range.

Multipurpose Rooms (MPR)

All District elementary schools have MPR's which range in size from 4,672 sqft at Beech Avenue Elementary School to 2,100 sqft at North Tamarind Elementary. The average size for MPR's is 3,132 sqft. The MPR's were observed to be in fair to excellent condition, however, most were in the fair to good range.

Restrooms

Table 422.1 of the California Plumbing Code sets minimum requirements for the number of restroom fixtures per student or staff member in new construction and modernization projects. 16 of the District's 29 elementary schools have an insufficient number of toilet fixtures and lavatories to meet this standard based on the capacity of the school.

MIDDLE SCHOOLS

The District standard size for middle schools is 1,317 students with 52 teaching stations including 4 special day classes (SDC). Assuming an equal distribution of students across the grades, this would result in 16 teaching stations per grade in grades 6, 7, and 8.

Sites

The California Department of Education (CDE) recommends 18.1 acres for middle school of the District standard size. For a complete listing of the CDE recommendations see the **Educational Specifications** section of this document or the CDE publication ***Guide To School Site Analysis and Development, 2000 Edition***. All middle schools in the District, with the exception of Fontana Middle School, meet or exceed this recommendation. The Fontana Middle School has 15.79 acres and has the largest capacity. Some of the buildings at this school are two story, reducing the overall building footprint and the need for site acreage. However, both field and hardcourt areas at Fontana Middle School are significantly under the CDE recommended sizes.

Field Facilities

CDE recommends 8.22 acres of fields and 2.38 acres of hardcourt for middle schools of the District's standard size. All middle schools with the exception of Almeria Middle School and Fontana Middle School meet or exceed this standard. Almeria Middle School has a 6.95 acre multiuse field

MIDDLE SCHOOLS

EQUITY DATA

SITE ELEMENTS	Site		Playfield		Hardcourt		Track and Field						Parking	
							Track		Field		Basebal			
School Name	Acreage	Capacity (District Standards)	Area (Acres)	Condition[1]	Area (Acres)	Condition[1]	Surface[2]	Condition[1]	Surface[3]	Condition[1]	Surface[4]	Condition[1]	Number Spaces	Condition[1]
Alder Middle 1960	22.25	1,456	11.26	7	0.87	7	2	6	2	6	1	6	58	7
Almeria Middle 1989	18.3	1,066	6.95	5	1.32	6	4	2	2	4	1	5	121	7
Fontana Middle 1928	15.79	1,482	7.23	4	0.66	5	2	2	2	3	1	4	53	6
(Wayne) Ruble Middle 200	20	1,196	8.54	8	1.26	8	none	n/a	2	8	1	8	141	8
Sequoia Middle 1957	18.76	1,430	8.77	6	1.58	6	2	4	2	4	1	4	121	6
Southridge Middle 1987	20	988	8.87	6	1.72	6	2	3	2	4	1	5	112	7
Truman Middle 1996	20	988	12.99	7	0.91	7	none	n/a	2	7	1	7	97	7
Average	19.3	1229	9.23		1.19									

[1]Condition rated on a scale of 1 - 10: 1 is poor condition; 10 is excellent condition.

[2]Track Surface: 1-Synthetic; 2-Decomposed Granite; 3-Asphalt; 4-other

[3]Field Surface: 1-Synthetic; 2-Natural turf; 3-Other

[4]Baseball Field: 1-Skinned infield, permanent backstop; 2-Skinned infield, portable backstop; 3-Turfed infield, portable backstop

with a minimal dirt track and a minimal baseball field. Although the Fontana Middle School fields are smaller than recommended, the school has a decomposed granite (DG) track, a football field and baseball diamond with skinned infield, a permanent backstop and bleachers. The multiuse field is minimal. Wayne Ruble Middle School has area for playfields and a track, however, those elements have not yet been developed. Ruble Middle School has a baseball diamond with a skinned infield and a permanent backstop. Truman Middle School has sufficient area for a track, a multiuse field and a baseball diamond, however, the track has not yet been developed.

Hardcourt

None of the Fontana Unified School District middle schools meet the CDE recommendations for hardcourt area. The two major elements of the CDE recommendations for hardcourt activities at a middle school are basketball and tennis. 12 outdoor basketball courts and 6 tennis courts are recommended. Although all middle schools have some of each of these elements none of the schools fully meet the recommendations. Basketball courts range from 2 at Fontana Middle School to 8 at Wayne Ruble and Truman middle schools. The number of tennis courts range from 6 at Almeria and Wayne Ruble middle schools to none at Truman Middle School.

The condition of the play fields and the hardcourt areas varies from site to site. None of the schools were considered to be in excellent condition. Most were in fair to good condition.

Parking

CDE recommendations include parking equal to 2.25 times the number of teaching stations for staff. This takes into account parking for all the teachers, aides, office and administrative staff and visitors. All middle schools except Alder and Fontana middle schools meet or exceed this recommendation. Both Alder and Fontana middle

MIDDLE SCHOOLS

EQUITY DATA

BUILDING ELEMENTS	Admin		Academic Classrooms						Library		MPR/ Cafeteria		Kitchen			Gymnasium		Shower/ Lockers				Computer Lab			Music		
			Permanent			Portable																					
School Name	Total Area	Condition[1]	Number	Average Size	Condition[1]	Number	Average Size	Condition[1]	Area	Condition[1]	Area	Condition[1]	Type[2]	Area	Condition[1]	Area	Condition[1]	Number	Ave Area	Condition[1]	Equity[3]	Number	Ave Area	Condition[1]	Number	Ave Area	Condition[1]
Alder Middle 1960	3,675	7	41	1,007	7	15	960	6	4,688	7	3,736	7	S	1,435	7	7,400	6	2	2,660	6	Y	3	1,391	7	2	1,365	7
Almeria Middle 1989	4,790	7	30	940	7	9	960	6	2,889	8	3,226	8	S	2,472	6	9,805	5	2	1,475	6	Y	1	1,072	7	1	200	7
Fontana Middle	4,025	7	39	934	3	17	960	3	2,910	7	2,368	4	S	1,714	4	6,326	7	2	2,960	8	Y	2	903	7	1	253	1
(Wayne) Ruble Middle 2005	4,284	9	46	960	9	0	n/a	n/a	5,450	9	4,958	8	S	1,656	9	8,757	8	2	2,298	8	Y	2	1,168	9	2	960	9
Sequoia Middle 1957	4,725	6	43	1,086	6	12	960	5	3,200	6	4,344	6		2,464	6	5,660	5	2	3,036	5	Y	1	2,010	6	1	1,780	6
Southridge Middle 1987	4,790	7	29	955	7	9	960	5	2,889	7	3,226	7	S	3,008	7	8,900	6	2	2,384	7	Y	2	1,488	8	1	1,335	6
(Harry S.) Truman Middle 1996	3,528	8	37	941	6	2	960	6	4,200	8	2,507	7	S	1,904	8	7,025	6	2	1,432	7	Y	3	1,210	7	1	1,171	6
Average	4,260		38	975		9	960		3,747		3,481			2,093		7,696		2	2,321			2.0	1,320		1	1,009	

[1]Condition rated on a scale of 1 - 10: 1 is poor condition; 10 is excellent condition.

[2]Kitchen Type: S - Serving only; F - Full Cook Kitchen

[3]Are the Girls' Shower / Locker areas equal in size and amenities to the Boys': Y or N

[4]Not included in the Adimistration space.

MIDDLE SCHOOLS

EQUITY DATA

BUILDING ELEMENTS	Staff Breakroom			Staff Workroom		Art			Science Labs			Special Education				RSP			Speech[4]			Psychologist[4]			Restrooms					
																									Boys		Girls		Adult	
School Name	Number	Total Area	Condition[1]	Ave Area	Condition[1]	Number	Area	Condition[1]	Number	Area	Condition[1]	Number SH	Number SDC	Ave Area	Condition[1]	Number	Ave Area	Condition[1]	Number	Ave Area	Condition[1]	Number	Ave Area	Condition[1]	# Fixtures	Condition[1]	# Fixtures	Condition[1]	# Fixtures	Condition[1]
Alder Middle 1960	1	1,475	7	960	7	1	1,740	7	5	1,304	7	1	3	948	7	3	883	7	1	944	7				11	7	9	8	9	8
Almeria Middle 1989	3	3,831	7	960	7	1	1,740	7	2	968	7	2	5	983	7	3	909	7	1	960	7				19	7	16	8	19	8
Fontana Middle	1	1,922	2	960	2	2	1,667	4	4	1,200	5	1	5	918	5	1	960	5	1	870	5				15	3	12	4	31	5
(Wayne) Ruble Middle 2005	1	1,334	9	Break-room	9				2	1,098	9	1	5	989	8	2	960	9	1	403	9	1	365	9	24	9	20	9	17	9
Sequoia Middle 1957	1	1,061	6	990	6				3	1,220	6					6	993	6	1	363	6	1	401	6	18	5	16	6	19	6
Southridge Middle 1987	1	1,024	7	Break-room	7	1	1,072	7	2	968	7	2	2	1,077	7	3	960	6	1	198	7	1	960	7	21	7	17	8	15	8
(Harry S.) Truman Middle 1996	2	968	7	504	7		n/a	n/a	4	1,066	7	2	5	851	7		294	7				1	141	7	21	6	18	7	22	7
Average	1	1,659		875		0.7	1,555		3.1	1,118		1.3	3.6	961		3.0	851		0.9	623		1	467		18	3	15	7	19	7

[1]Condition rated on a scale of 1 - 10: 1 is poor condition; 10 is excellent condition.

[2]Kitchen Type: S - Serving only; F - Full Cook Kitchen

[3]Are the Girls' Shower / Locker areas equal in size and amenities to the Boys': Y or N

[4]Not included in the Adimistration space.

schools have less than 50% of this recommendation.

Administration

The average building area of the administrative spaces in the middle schools is 4,260 sqft. The administrative spaces range in size from 3,675 sqft at Alder Middle School to 4,790 sqft at Southridge Middle School. The schools with larger administrative spaces have offices for vice principals and counsellors whereas the smaller schools lack these support spaces.

Teaching Stations

Middle schools in the Fontana Unified School District vary in capacity from 988 students at Southridge and Truman middle schools to 1,482 at Fontana Middle School. Fontana Middle School has a total of 57 teaching stations with 25 permanent classrooms larger than 900 sqft and 18 portable classrooms. 14 permanent classrooms are less than 900 sqft. The California Department of Education does not recommend teaching stations less than 960 sqft and requires educational program justification for teaching stations less than 900 sqft.

Although Truman and Southridge middle schools both have a capacity of 988 students, all the teaching stations at Southridge Middle School are greater than 900 sqft whereas 23 of the teaching stations at Truman Middle School are less than 900 sqft.

Based on the Fall 2013 CalPADS enrollment data, Fontana Middle School has the largest excess capacity at 407 seats. Truman Middle School, with the smallest capacity, has the largest student population with 1,240 students and a capacity of only 988 students.

The middle schools have a variety of specialty teaching stations: All sites have at least 1 computer lab; Fontana, Ruble and Southridge middle schools have 2 computer labs and Adler and Truman middle schools have 3 computer labs each. All the sites have at least one music room. Alder and Ruble middle schools have 2 music rooms. Only 4 of the 7 middle schools have art classrooms. Fontana Middle School has two art classrooms whereas Ruble, Sequoia and Truman middle schools have no art classrooms.

HIGH SCHOOLS

Sites

The District has indicated that the model for the Fontana Unified School District standard comprehensive high school is the Jurupa Hills High School. This analysis is for the comprehensive high schools only and does not include the alternative education high schools. The Jurupa Hills High School has 77 teaching stations and a total capacity of 2,062 students (including special education). This school is the smallest capacity comprehensive high school in the District. Other District high schools range from just under 2,400 student capacity at Kaiser High School to over 3,400 student capacity at A.B. Miller High School. The California Department of Education (CDE) recommendations for site size for schools of the District's standard capacity are for a total of 52.1 acres with 23.7 acres for fields, 3.2 acres for hardcourt, 11.2 acres for roads and parking, 1.7 acres for a stadium and 0.3 acres for a swimming pool. For a complete listing of the CDE recommendations see the **Educational Specifications** section of this document or the CDE publication ***Guide To School Site Analysis and Development, 2000 Edition***. Of the District's 5 comprehensive high schools, all are below the recommended total site size. The sites range in size from 38.6 acres at Kaiser High School to 50.64 acres at A.B. Miller High School. Most of the District's comprehensive high schools have two stories. Fontana High School is the high school with one level. Two story buildings reduce the footprint of the buildings and, therefore, reduces the overall size of the site necessary to meet the CDE standards for physical education, parking and exterior circulation.

HIGH SCHOOLS

EQUITY DATA

SITE ELEMENTS	Site		Playfield		Hardcourt		Track and Field						Parking	
							Track		Field		Baseball			
School Name	Acreage	Capacity (District Standards)	Area (Acres)	Condition[1]	Area (Acres)	Condition[1]	Surface[2]	Condition[1]	Surface[3]	Condition[1]	Surface[4]	Condition[1]	Number Spaces	Condition[1]
Eric Birch Continuation High School 1994	9.85	208	2.42	3	0.3	5	none		None		3	3	84	6
Citrus Continuation High School 2011	18.52	806	6.32	9	0.94	9	none		none		1	9	433	10
Fontana High School 1952	41.75	3120	12.11		2.07	7	2	9	2	9	1	7	587	7
Jurupa Hills High School 2010	45.38	2002	17.33	9	1.16	8	1	8	1	8	1	6	958	8
Kaiser High School 1998	38.6	2392	13.44	8	2.5	7	1	8	2	8	1	6	456	6
AB Miller High School 1991	50.64	3458	21.92	8	2.77	7	1	8	1	8	1	6	977	7
Summit High School 2006	46.2	2418	20.73	8	1.94	8	2	6	2	6	1	6	677	9

[1]Condition rated on a scale of 1 - 10: 1 is poor condition; 10 is excellent condition.

[2]Track Surface: 1-Synthetic; 2-Decomposed Granite; 3-Asphalt; 4-other

[3]Field Surface: 1-Synthetic; 2-Natural turf; 3-Other

[4]Baseball Field: 1-Skinned infield, permanent backstop; 2-Skinned infield, portable backstop; 3-Turfed infield, portable backstop

Fields

Field size and improvements vary from a low of 12.11 acres at Fontana High School to a high of 21.92 acres at A.B. Miller High School. The CDE recommended field acreage for high school of the size of the District's standard is 23.7 acres and includes 3 multiuse soccer fields, one baseball diamond, two standard soccer/football fields and a stadium. The District's standard is set by the Jurupa Hills High School and consists of 17.33 acres and includes 2 baseball diamonds with skinned infields, 2 softball diamonds with skinned infields and a full stadium. The track and field in the stadium are to be of synthetic material. A.B. Miller High School has the largest field area. In addition to the District standards, A.B. Miller has a multipurpose practice field. Although Summit High School has all of the field areas indicated in the standard, it lacks a stadium. Summit and Fontana high schools have a decomposed granite (DG) tracks; Summit, Kaiser and Fontana high schools all have natural turf field. Summit High School has minimal bleachers on one only side of the track and field area. Henry Kaiser High School has a stadium, one baseball diamond and one softball diamond. Kaiser also has a multiuse practice field. Fontana High School has the smallest field area at 12.11 acres. This high school has a stadium with natural turf and a DG track. There is only one baseball diamond with skinned infield. There is a small multiuse practice field but no softball diamonds.

It is recommended that all the high school sites be upgraded to have full stadiums with bleachers; synthetic track and fields.

Swimming Pools

Fontana High School is the only high school in the District with a swimming pool. It is the District's desire to install swimming pools at all the compre-

hensive high schools. Considering the small size of the sites compared to the CDE recommendations, this could be a challenge. Care should be taken in the planning of the swimming pools complex on each site to minimize the impact to other physical education activity areas.

Hardcourt
CDE recommendations for hardcourt elements for a school of the District standard size includes 8 tennis courts and 14 basketball courts. With the exception of Jurupa Hills High School, all of the District's high schools are considerably larger than the District standard capacity yet none of the schools meet the CDE standards for the size of hardcourt. The recommended hardcourt area is 3.16 acres. The hardcourt areas range in size from 1.16 acres at Jurupa Hills High School to 2.77 acres at A.B. Miller High School. The hardcourt activities range from 6 tennis courts and 6 basketball courts at A.B. Miller to 8 tennis courts and 8 basketball courts at Summit High School.

Parking
The CDE recommends 2.25 staff and visitor parking spaces for each teaching station at the high school level. In addition, student parking is recommended for 50 percent of the students. These recommendations would indicate the need for a total of parking spaces ranging from 2,029 spaces at A.B. Miller High School to 1,107 spaces at Jurupa Hills High School. As shown in the Site Elements table, all the high schools have considerably less parking than recommended. Fontana and Kaiser high schools have the fewest with 32% of the recommendations. Jurupa Hills High School has the closest to the recommendation with 86% of the recommended parking.

Administration

Although the highs schools vary significantly in physical size and in student enrollment, all schools have spaces for one principal and 4 vice principals. The space allocated to these spaces is relatively similar from site to site. The overall size of the administration spaces ranges from 6,380 sqft at Summit High School to 4,425 sqft at Kaiser High School. All high schools have spaces for 6-7 academic counselors. However, the size of the spaces at Fontana and Summit high schools were considerably smaller than the remaining schools at 99 sqft and 103 sqft respectively.

Library

The libraries at the District's high schools vary in size significantly. The total area, including reading area, stacks, offices and storage ranges from 5,472 sqft at Fontana High School to 16,910 sqft at A.B. Miller High School. Kaiser High School Library is 9,015 and operates under a joint use agreement with the County. All libraries were observed to be in excellent condition with the exception of the Fontana High School Library which was considered to be in fair condition.

Multipurpose Rooms (MPR)/ Cafeteria

All MPR/Cafeterias are similar in size at 7,000-7,800 sqft with the exception of Fontana High School. The Fontana High School MPR is 5,469 sqft. Fontana High School has a number of outdoor shade structures which are used by students for eating and conversing. Jurupa Hills High School has a covered outdoor eating area.

Kitchen

For details on the size and condition of the kitchens at the high schools please consult the ***Central Kitchen Survey*** prepared by others.

Gymnasiums

The District's 4 newer high schools all have gymnasiums and indoor physical education facilities considerably larger than the Fontana High School facilities. The gyms range in size from 19,589 sqft

HIGH SCHOOLS

EQUITY DATA

BUILDING ELEMENTS	Administration															Academic Classrooms					
	General		Principal		V Principal			Counselors			Workroom		Other Admin			Permanent			Portable		
School Name	Total Area	Condition[1]	Area	Condition[1]	Number	Ave Area	Condition[1]	Number	Ave Area	Condition[1]	Area	Condition[1]	Type	Area	Condition[1]	Number	Average Size	Condition[1]	Number	Average Size	Condition[1]
Eric Birch Cont High School 1994	21,322	6	194	8	none			1	154	-	289	8	Health, Attend, Conf	770	6	17	552	6	3	960	3
Citrus Continuation High School 2011	57,773	9	233	9	1	179	9	3	118	9	575	9	Health, Attend, Conf	1,782	9	31	960	9	0	n/a	
Fontana High School 1952	425,564	6	196	6	4	195	6	6	99	6	304	6	Health w/1RR, 2RRs, Lobby, Waiting Areas, Attend, Conf,	5,858	6	103	870	6	17	960	5
Jurupa Hills High School 2010	268,429	9	240	9	4	200	9	7	143	9	2/389	9	w/1RR, 2 Admin RRs, Sectry, Lobby, Waiting Areas, Attend, Records, Security Ofc, Conf,	5,040	9	77	960	9	0	n/a	n/a
Kaiser High School 1998	244,828	8	216	8	4	116	8	6	144	8	525	8	w/2RRs, 2 Admin RRs, Sectry, Lobby, Waiting Areas, Attend, Registrar, Ofc, Conf, Bkkng,	4,425	8	74	1120	8	18	960	6
AB Miller High School 1991	382,540	8	292	8	4	144	8	6	144	8	Wing 10/90 0	8	RRs, Sectry, Lobby, Waiting Areas, Attend, Records, Vault, Storg, Ofc, Conf, Career Ctr,	5,460	8	155	896	7	15	960	6
Summit High School 2006	205,215	8	192	9	4	169	9	7	103	9	536	9	Recept, Health w RR, 2 Admin RRs, Sectry, Lobby, Waiting Areas, Attend, Records, Bkkg, Vault, Storg, Ofc, Conf, Signal &	6,380	9	94	960	8	0		

[1]Condition rated on a scale of 1 - 10: 1 is poor condition; 10 is excellent condition.

[2]Kitchen Type: S - Serving only; F - Full Cook Kitchen

[3]Are the Girls' Shower / Locker areas equal in size and amenities to the Boys': Y or N

[4]Not included in the Adimistration space.

[5]Specialized labs could inlcude computer graphics, CAD, TV production studio, etc.

EQUITY STUDY

HIGH SCHOOLS

EQUITY DATA

BUILDING ELEMENTS	Library		MPR/ Cafeteria		Kitchen			Gymnasium			Shower/ Lockers			
School Name	Area	Condition[1]	Area	Condition[1]	Type[2]	Area	Condition[1]	Type	Area	Condition[1]	Space	Area	Condition[1]	Equity[3]
Eric Birch Cont High School 1994	644	6	3,182	8	S	259	3		none		none	0		
Citrus Continuation High School 2011	0		4,655	9	S	1,257	9	Gym	8,322	9	1080	1,080	9	Y
Fontana High School 1952	5,472	6	5,469	6	F	4,166	6	Boys' Gym	8,282	6	Boys' Lockers	2,430	5	N
								Girls' Gym	5,558	6	Boys' Shower	1,680	5	N
								Pool	5,278	6	Girls' Lockers	1,980	6	N
								Wrestling Room	960	6	Girls' Shower	483	6	N
Jurupa Hills High School 2010	6,400	9	7,289	8	F	5,324	8	Main Gym	17,705	8	Boys' Locker/ Shower	3,850	8	Y
	2,483	9						Weight Room	1,600	8	Girls' Locker/ Shower	3,850	8	Y
								Dance Studio	1,600		Boys' Team Room	1,440	8	Y
											Girls' Team Room	1,440	8	Y
Kaiser High School 1998	9,015	9	7,661	8	F	4,433	8	Main Gym	12,897	8	Boys' Lockers/ Shower	3,240	8	Y
								3 P.E. Classrooms	1,212		Girls' Locker/ Shower	3,240	8	Y
AB Miller High School 1991	16,910	8	7,841	7	F	5,460	7	Main Gym	19,589	7	Boys' Lockers/ Shower	3,720	7	Y
								Wrestling Room	1,600	7	Girls' Locker/ Shower	3,720	7	Y
								Boys' Weight Rm	2,847	7				
								Girls' Weight Rm	1,024	7				
Summit High School 2006	8,395	9	7,029	8	F	4,829	8	Main Gym	13,200	8	Boys' Lockers/ Showers, Team	5,002	8	Y
								Weight Room	2,675		Girls' Lockers/ Showers, Team	4,407		
											Training Room	936		

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[4]Not included in the Adimistration space.

[5]Specialized labs could inlcude computer graphics, CAD, TV production studio, etc.

HIGH SCHOOLS

EQUITY DATA

BUILDING ELEMENTS	Theatre				Drama Spaces			Computer Lab			Music: Choral		Music: Instrumental			Staff Breakroom[4]			Staff Workroom[4]		
School Name	Type	Area	Seats	Condition[1]	Type	Area	Condition[1]	Number	Average Size	Condition[1]	Ave Area	Condition[1]	Type	Area	Condition[1]	Type	Ave Area	Condition[1]	Number	Ave Area	Condition[1]
Eric Birch Cont High School 1994		none				none		2	828	8	none			none	n/a	Breakroom	557	8			
Citrus Continuation High School 2011		none				none		2	905	9	none			none	n/a	Breakroom	878	9			
Fontana High School 1952	Theater	11,025	1,200		Dance	1,538	7	5	814	7	1,260	7	Band	1,972	7	Dinning Room	1,057	7			
					Drama	1,360	7														
Jurupa Hills High School 2010	Theater	5,336	400	8	Drama Shop	1,690	9	13	1,012	9	2,016	9	Band	2,041	9	Workrooms/ Breakrooms	720	9			
	Lecture Hall	1,156	105		Scene Shop	1,255	8									Lounge	1,175				
Kaiser High School 1998						1,360	7	5	942	8	1,813	7	Band	1,735	7	Dining Room	1,620	8	2	130	8
													Piano	1,315		Lounge	1,400	8	10	550	8
AB Miller High School 1991	Theater	6,900	412	8	Dance	1,120	8	5	896	8	2,379	7	Band	3,721	7	2 Breakrooms	289	8	2	289	8
					Dance	800	8									Dining Room	1,880	8	10	899	8
					Dance	928	8									2 Lounges	1,947	8			
					Dance	1,152	8														
					Drama Classroom	928															
					Scene Shop	768															
					2Mtg Rms, Dir Ofc, Wk Rm	2,080															
Summit High School 2006		n/a	n/a	n/a	Drama Classroom	958	8	8	977	8	1,266	8	Band	1,715	8	Dining Room	2,184	8	1	297	8
					Scene Shop	1,202	8												1	209	
					Dance/ Fitness	1,920	8												2	422	

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[3]Are the Girls' Shower / Locker areas equal in size and amenities to the Boys': Y or N

[4]Not included in the Adimistration space.

[5]Specialized labs could inlcude computer graphics, CAD, TV production studio, etc.

EQUITY STUDY

HIGH SCHOOLS

EQUITY DATA

BUILDING ELEMENTS	Art				Science Labs												
	2 D		3 D		Dry Labs				Wet Labs				Specialized Labs[5]				
School Name	Area	Condition[1]	Area	Condition[1]	Number	Type	Ave Area	Condition[1]	Number	Type Wet Lab	Ave Area	Condition[1]	Number	Type	Ave Area	Condition[2]	
Eric Birch Cont High School 1994	1,000	6	none		2	Dry Sci Labs	1,000						1	Cul Arts	1,000	8	1
													1	Art Lab	1,000	8	
Citrus Continuation High School 2011	1,176	9	none		1	Earth Science	1,176	9	1	Biology	1,435	9	1	CADD	1,838	9	1
									1	Chemistry	1,481	8	1	BioChem/CBI	1,268	8	1
Fontana High School 1952	1,476	7	1,776	6	4	Earth Science	1,099	7	1	Earth Science	980	7	1	Web Design	1,577	7	2
			1,591	6	1	ROP Med Term	1,264	7	6	Science	1,458	7	1	Compter Animation	960	8	2
					1	ROP Med Core	1,904	7	1	Physics	1,427	7	1	ROP Intro Sport	1,220	7	2
					1	Health	1,395	8	1	Biology	1,383	7	1	Teleprint	1,220	7	1
					1	CNA Nurse Asst	1,372	8									
					1	ROP Vet Asst	616										
Jurupa Hills High School 2010	1,486	9	none		2	Elective Lab	1,248	9	8	Science	1,248	9	2	TV Video Prod	1,632	9	
													1	Computer Animation	960	9	
													1	Photography	1,502	9	
													1	Telepresence	960	9	
													1	Video	1,209	9	
Kaiser High School 1998	1,200	7	1,200	7	1	Intro Health Care	800	8	2	Earth Science	1,191	8	1	Telepresence	942	8	1
									2	Biology	1,450	8	1	FAST Computer Applications	1,200	8	1
									2	Chemistry	1,450		1	Found of Info	1,200	8	
													1	CBI Info Sys	1,280	8	
													1	TV Prod/Digital Media	2,075	8	
													1	CBI Info Sys	1,280	8	
													2	Medical Therapy	942	8	
													1	Child Develop	864	8	
AB Miller High School 1991	1,120	6	1,344	6	3	Dry Sci Lab	1,056	7	1	Chemistry	1,200	7	1	Photography Lab	806	7	1
									1	Earth Science	973	7	1	Culinary Arts	1,216	7	1
									4	Science	1,260	7	1	Graphis Art Design	1,216	7	1
													1	Digital Graph Design	866	7	1
													1	CBI Comp Info Systems	896	8	
													1	TV	2,258	8	
													1	Technology Workroom	960	8	
													1	Tele Conf Rm	970	7	
Summit High School 2006	1,473	7	1,680	7	8	Science Rms	977	8	2	Dirty Labs	2,161	8	1	TV Record Studio	1,845	9	1
									3	Biology	1,178	8	1	Edit Rm	521	8	
													1	Photography	1,107	8	
													1	Computer Animation	977	8	
													1	Comp Info Sys	977	8	
													1	Telepresence	960	8	
													1	Culinary Arts	3,000	9	

[1] Condition rated on a scale of 1 - 10: 1 is poor condition; 10 is excellent condition.

[2] Kitchen Type: S - Serving only; F - Full Cook Kitchen

[3] Are the Girls' Shower / Locker areas equal in size and amenities to the Boys': Y or N

[4] Not included in the Adimistration space.

[5] Specialized labs could inlcude computer graphics, CAD, TV production studio, etc.

HIGH SCHOOLS

EQUITY DATA

BUILDING ELEMENTS	Shops				Special Education				RSP			Speech[4]		Psych		Restrooms					
																Boys'		Girls'		Adult	
School Name		Type	Ave Area	Condition[1]	Number SH	Number SDC	Ave Area	Condition[1]	Number RSP	Ave Area	Condition[1]	Ave Area	Condition[1]	Ave Area	Condition[1]	# Fixtures	Condition[1]	# Fixtures	Condition[1]	# Fixtures	Condition[1]
Eric Birch Cont High School 1994	1	Auto	480	6			none			none		none		none		4	6	4	6	10	8
Citrus Continuation High School 2011	1	Wood Shop	3,482	8	2		983	9	2	239	9	none		none		17	9	17	9	8	9
	1	Plumb/ HVAC	3,475	8																	
Fontana High School 1952	2	Auto	1,498	6		17	921	7	6	464		1,280	8	1,280	8	55	6	50	7	54	7
	2	Welding	2,370	6																	
	2	ROTC	1,817	6																	
	1	Wood-working	2,574	6																	
Jurupa Hills High School 2010		None			2		1,047	9	5	519	9	274	9	200	9	85	8	74	9	18	9
Kaiser High School 1998	1	Auto	2,026	7		5	943	7	8	538	8	750	8	132	8	66	7	58	8	24	8
	1	ROTC	2,034	7																	
AB Miller High School 1991	1	Auto	1,344	7		22	1,087	7	7	488	7	272	8	448	8	69	7	54	8	57	8
	1	Auto	2,606	7	**3**		1,087	7						144	8						
	1	Masonry	2,106	7																	
	1	Drafting	2,288	7																	
Summit High School 2006	1	Auto	2,045	7	3		960	8	14	433	8	150	8	160	8	54	8	50	9	80	9

[1]Condition rated on a scale of 1 - 10: 1 is poor condition; 10 is excellent condition.

[2]Kitchen Type: S - Serving only; F - Full Cook Kitchen

[3]Are the Girls' Shower / Locker areas equal in size and amenities to the Boys': Y or N

[4]Not included in the Adimistration space.

[5]Specialized labs could inlcude computer graphics, CAD, TV production studio, etc.

at A.B. Miller High School to 12,897 sqft at Kaiser High School. Fontana High School has a Boys' Gym with 8,282 sqft and a Girls' Gym with 5,558 sqft. Fontana High School and A.B. Miller High School have wrestling rooms; Jurupa Hills High School, A.B. Miller and Summit high schools have weight rooms. A.B. Miller High School has separate weight rooms for boys and for girls. All high schools have locker rooms of approximately the same size for boys and girls.

Theater Arts

Fontana, Jurupa Hills and A.B. Miller high schools have theaters/auditoriums ranging in seating capacity from 1,200 at Fontana High School to 400 seats at Jurupa Hills High School. Fontana, Miller and Summit high schools have dance studio spaces; A.B. Miller High School has 4 dance studios. All high schools have a drama studio. Jurupa Hills, Miller and Summit high schools have scene shops.

Teaching Stations

Computer Labs
All of the District's high schools have spaces dedicated to instruction on computers. The number and size of the spaces range from 13 spaces at an average of 1,012 sqft at Jurupa Hills High School to 5 spaces at an average size of 814 sqft at Fontana High School. The average number of computer labs is 7.2. The computer labs at all sites were observed to be in good to excellent condition.

Music Studios
All District high schools have both vocal music and instrumental music instruction spaces. These spaces range in size from a choral music studio of 1,266 sqft and a band studio of 1,715 sqft at Summit High School to a choral studio of 2,379 sqft and a band studio of 3,721 sqft at A.B. Miller High School. The average size for the choral studio is 1,747 sqft and for instrumental music is 2,083 sqft. These spaces were observed to be in good to excellent condition.

Art Studios
All high schools were observed to have 2 dimensional (drawing, painting) art studios. The average size of the studios is 1,351 sqft. All high schools with the exception of Jurupa Hills High School were observed to have 3 dimensional (sculpture, pottery) art studios. The average size of the studios is 1,518 sqft. The art studios were observed to be in fair to good condition.

Science Labs
All high schools were observed to have a combination of science classrooms or dry labs and science laboratories or wet labs. Dry labs do not typically have sinks, compressed air or gas. Wet labs typically have sinks with running water and may have compressed air and gas. Fontana High School and Summit High School were observed to have the largest number of science spaces with 13 spaces at each school. Fontana High School has 4 dry labs and 9 wet labs; Summit High School has 8 dry labs and 5 wet labs. Kaiser High School was observed to have the least science spaces with 1 dry lab and 4 wet labs. All labs were observed to be in good to excellent condition.

Specialized Labs
The Fontana Unified School District's high schools have a variety of instructional spaces based on thematic learning. Topics taught in these specialized spaces range from culinary arts to computer graphics, photography and video production. The required space and equipment for these subjects also varies greatly. The culinary arts spaces may require the greatest amount of space and the most equipment. Digital photography may require a studio for shooting the images as well as space for computers and printers for processing the images. The number of spaces used for these topics ranges from 4 spaces at Fontana High School to 8 spaces at Kaiser and A.B. Miller high schools. All spaces were reported to be in good to excellent condition.

Shops
The number of shops at the high schools varies

widely. The District's oldest high school, Fontana High School, has 7 shops including auto shops, welding shops, woodworking shops and spaces for ROTC. No shops were reported at the Jurupa Hills High School. Other types of shops observed include masonry and drafting spaces. The shop spaces were observed to be in fair to good condition.

Special Education
The number of special day class (SDC) and severely handicapped (SH) spaces at each high school varies. The number of SDC classrooms ranges from 22 at A.B. Miller High School with an average size of 1,087 sqft to 4 spaces at Jurupa Hills High School with an average size of 785 sqft. Summit High School has no SDC spaces. The SH spaces are limited to A.B. Miller High School with 3 spaces averaging in size at 1,087 sqft and Summit High School with 3 spaces averaging in size at 960 sqft. The condition of these spaces was observed to be good to excellent.

RSP
All high schools with the exception of Fontana High School have multiple resource specialist program (RSP) spaces. The number of spaces ranges from 14 spaces with an average size of 433 sqft at Summit High School to 5 spaces with an average size of 536 sqft at Jurupa Hills High School. These spaces were reported to be in good to excellent condition.

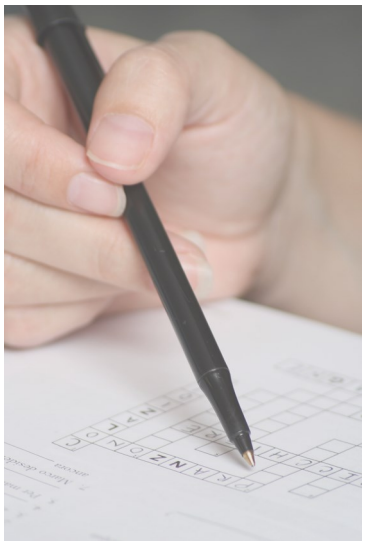
Speech
All high schools have a space for the Speech Therapist. These spaces range in size from 150 sqft at Summit High School to 1,280 at Fontana High School. The average size is 545 sqft. These spaces were observed to be in good to excellent condition.

Psychologist
All high schools have a space for the psychologist. These spaces range in size from 132 sqft at Kaiser High School to 1,280 sqft at Fontana High School. The average size is 394 sqft. These spaces were reported to be in good to excellent condition.

Restrooms
The California Plumbing Code states the minimum number of restroom fixtures required in new construction and modernization projects for public school facilities. These figures are ***minimum*** standards and are used as guidelines in this analysis. With only two exceptions, the District's high schools exceed the requirements of the 2013 California Plumbing Code. The Fontana High School has two fixtures fewer than required for the female students. A.B. Miller High School has four fixtures fewer than required for female students. In all other cases the high schools meet the minimum standards. At Jurupa Hills High School the minimum standard indicates 30 fixtures for male students and 33 fixtures for female students. 85 fixtures were observed for male students and 74 fixtures for female students.

As stated above, these standards are a minimum requirement. Many school districts develop local standards that far exceed the minimum. The District should review the usage in conjunction with class schedules and facility locations to determine the standard that works best for the District's schools.

FACILITIES NEEDS ASSESSMENT



METHODOLOGY

To determine the needs at each campus, TSS staff visited all the school sites in the District. TSS met with maintenance staff at most sites and reviewed the needs. The sites were toured with the maintenance staff to visually determine the extent of the needs. The needs were documented based on the categories listed below:

I. **GROUNDS AND SITE WORK**
   - a. Parking and Driveways and Fire lanes
   - b. Parking Lot and Exterior Lighting
   - c. Pathways and Walkways
   - d. ADA Access

II. **OUTDOOR FACILITIES**
   - a. Hardcourts and Paved Areas
   - b. Playfields and Grass Areas
   - c. Playground Equipment
   - d. Outdoor Shade Structures
   - e. Perimeter Fencing and Gates

III. **UTILITIES**
   - a. Electrical Service
   - b. Water
   - c. Gas
   - d. Storm/Sewage

IV. **CENTRAL EQUIPMENT SYSTEMS**
   - a. Fire Alarm System
   - b. Phone / PA System
   - c. Clocks / Bell System
   - d. Technology / Data
   - e. Intrusion / Security Alarm System
   - f. Energy Management/Lighting Control System

V. **BUILDING ENVELOPE**
   - a. Roofing
   - b. Siding and Painting
   - c. Windows
   - d. Exterior Doors

VI. **INTERIOR FINISHES**
   - a. Floors
   - b. Walls
   - c. Ceilings

VII. **FURNISHINGS AND FIXTURES**
   - a. Casework
   - b. Lighting Fixtures
   - c. Technology / Data
   - d. HVAC
   - e. Plumbing Fixtures

VIII. **GYMNASIUM/MPR AND OTHER FACILITIES**
   - a. Gymnasium
   - b. Multipurpose Building (MPR)
   - c. Cafeteria/Kitchen
   - d. Restrooms
   - e. Portable Classrooms
   - f. Other Facilities Needs

IX. **COMPLETE MODERNIZATION**

These designations and headings are used throughout the ***Needs Assessment*** section of this Facilities Master Plan.

The costs are based on the ***2014 RS Means Building Cost Data***, a publication widely accepted in the industry, and on sound professional judgment. The information presented here is not intended to be a detailed scope of work for future projects nor is it intended to be a detailed cost estimate for future work. The numbers are developed to create a budget for work to be completed at each site. This plan covers the period of 2012 through 2022. Many of the needs for those years have not yet been determined or anticipated. As projects are identified and project teams established, more detailed scope will be developed.

It is also important to understand that, due to the nature of modernization projects, it is strongly recommended that a substantial contingency be included in the budget. Many issues are not

identified until construction is underway. Dry rot or pest infestation can only be discovered as walls are opened up. Structural deficiencies may not be apparent until structural members are uncovered. Underground utilities may be damaged in the construction process due to the lack of documentation. These events drive costs up; and the costs need to be anticipated in the planning estimates. We strongly recommend using a 25% contingency factor in the planning stages of modernization projects. This amount may be reduced to 10%-15% during construction.

Soft costs are added to the construction costs. The soft costs include:

- Environmental Studies;
- Surveys;
- Soils Testing:
- Architect's and Engineer's Fees;
- DSA Plan Check Fees;
- Local Plan Check Fees (where applicable)
- CDE Fees;
- Furniture and Equipment;
- Inspection Fees;
- Construction Testing Costs.

The total estimated soft costs will vary from project to project due to the complexity of the work. For budgeting purposes we have included 28% of the construction cost as soft cost. Construction and Project Management services can increase the amount of soft costs. If the District intends to use these services we recommend and increase of 5% in the estimated soft costs.

In some cases an extensive modernization has been recommended. The extent of the work in these cases could approach the replacement value of the facilities. The Division of the State Architect requires that all projects where the building construction cost exceeds 50% of replacement value be retrofitted based on the current structural code. This is typically cost prohibitive and should be avoided unless a structural upgrade is desires. For projects with extensive modernization needs we have used 50% of replacement value as the budget figure.

The District may qualify for funding under the Seismic Retrofit provisions of the School Facilities Program in which the State would pay 50% of the cost to bring the facilities up to current code. In those cases, the budget for other modifications could be increased.

FACILITIES NEEDS ASSESSMENT

ELEMENTARY SCHOOLS
SITE ASSESSMENTS



SITE DATA



Almond Elementary School
8172 Almond Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	900
CALPADS Enrollment (2011-12)	596
Grades	K-6

Facilities Inventory

Site:

Site Acreage (net usable)	10 acres
Permanent Buildings	
Year first occupied	2003

Classrooms:

Permanent Classrooms	28
Portable Classrooms:	2

Building Area (sqft);

Permanent	29,319 square feet
Portable	1,920 square feet
Total	31,239 square feet

Subsidiary facilities :

Library	1,320 square feet
Multi-Purpose	3,817 square feet
Kitchen	1,030 square feet

Administration

Offices	5,628 square feet
Staff Breakroom	273 square feet
Staff Workroom	836 square feet

Restrooms Fixtures:

Staff	3
Boys	15
Girls	12

* Capacity based on District loading standards

BACKGROUND

Almond Elementary School opened in July 2003 in a facility comprised of eight permanent buildings that housed the administration offices, 30 classrooms, a computer lab, a music enrichment room, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. In 2004, 2 relocatable classrooms were added to the school campus to accommodate increasing student enrollment in the area. As of 2014, the school has 32 permanent classrooms and 2 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields .

I. GROUNDS AND SITE WORK

a. Parking, Driveways and Fire lanes

- Seal coat and re-stripe all parking areas.
- Seal coat and re-stripe pavement and re-paint curbs of fire lanes south of MPR.

Estimated Cost: $111,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- Seal coat and re-stripe hard courts and play areas.
- Replace missing basketball nets.

Estimated Cost: $52,000

b. Playfields & Grass Areas

- Thin-out planters in the north front lot.
- Upgrade/replace irrigation controllers
- Upgrade, re-level deteriorated/damaged grass playfields, re-seed and fertilize
- Repair/upgrade sprinkler systems.
- Thin-out/trim down overgrown trees.
- Mitigate gopher infestation in the playfields

Estimated Cost: $78,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing and Gates

- None

III. UTILITIES

a. Electrical Service

- Clean and service main electrical service, south of kitchen
- Clean and service distribution panels

Estimated Cost: $10,000

b. Water (Domestic, Irrigation & Fire)

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System
- None

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security Alarm System

- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.
- Add cameras in back courtyard and behind room #11-15.

Estimated Cost: $25,000

f. Energy Management / Lighting Control System

- Upgrade/replace existing HVAC EMS system with new (Carrier i-Vu CCN) system - 45 rooftop units.
- Upgrade/replace existing old parking lot lighting and exterior lighting controls system (PCI/Leviton) and connect to new centralized District EMS.

Estimated Cost: $155,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in the Library, MPR and Office buildings (12,380 SF)
- Replace built-up roof system in Room #1-15 building (12,288 SF)
- Replace built-up roof system in Room # 16-30 buildings (13,636 SF)

Estimated Cost: $388,000

b. Siding and Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies, flagpoles and other structures. The facility was last painted in 2003

Estimated Cost: $122,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- Install vinyl tack board wall panels in all classrooms.

  Estimated Cost: $172,000

c. Ceilings

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts.

  Estimated Cost: $106,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC

- Replace split type A/C unit in the Server Room (1 unit)

Estimated Cost: $10,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. Gymnasium

- None

b. Multipurpose building

- Repaint metal doors.
- Replace VCT flooring
- Repaint drywall walls.

Estimated Cost: $29,000

c. Cafeteria / Kitchen

- Repaint doors, walls and ceilings

Estimated Cost: $4,000

d. Restrooms

- None

e. Portable Classrooms

- The school has 2 relocatable classroom (RCR) buildings, and no relocatable restroom buildings. Each classroom is a typical DSA approved 24ft. x 40ft. metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.

- Room # 31 and 32 are both over 25 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 75% of the cost of a new relocatable classroom unit. Remove old buildings and replace with new relocatable classroom buildings.

  Estimated Cost: $194,000

f. Other Facilities Needs

- None

TOTAL ESTIMATED COST: $1,456,500

BEECH AVENUE ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Beech Avenue Elementary School
9206 Beech Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	720*
CBEDS Enrollment (2013/14)	897
Grades	K-6

Facilities Inventory

Site:

Site Acreage (net usable)	9.3 acres
Permanent Buildings	
Year first occupied	2007

Classrooms:

Permanent Classrooms	32
Portable Classrooms:	0

Building Area (sqft);

Permanent	30,782 square feet
Portable	0
Total	30,782 square feet

Subsidiary facilities :

Library	3,780 square feet
Multi-Purpose	4,672 square feet
Kitchen	1,308 square feet

Administration

Offices	2,750 square feet
Staff Breakroom	704 square feet
Staff Workroom	311 square feet

Restrooms Fixtures:

Staff	7
Boys	15
Girls	12

* Capacity based on District loading standards

BACKGROUND

Beech Elementary School opened in November 2007 in a facility comprised of eight permanent buildings that housed the administration offices, 32 classrooms, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. As of 2014, the school has 32 permanent classrooms and no relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 2 sets of playground equipment, hard courts/play areas and grass play fields

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- None

b. Parking Lot and Exterior Lighting

- None

c. Pathways & Walkways
- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- None

b. Playfields & Grass Areas

- Install turf in the center island of the main parking lot.
- Upgrade/replace irrigation controllers (2units - 48 station controllers)
- Restore irrigation and replant trees, flowers or shrubs into planter areas

Estimated Cost: $33,000

c. Playground Equipment

- Install 1 additional upper grade playground equipment

Estimated Cost: $79,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean and service main electrical service outside north of kitchen
- Clean and service distribution panels

Estimated Cost: $10,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Motion sensors installed too high on walls - re-install to lower elevations.
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.

  Estimated Cost: 35,000

f. Energy Management System

- Upgrade/replace existing old HVAC EMS system with new Carrier iVu CCN system - 40 rooftop units.
- Upgrade/replace existing parking lot and exterior lighting timers/clocks and connect to new centralized District EMS.

Estimated Cost: $230,000

V. BUILDING ENVELOPE

a. Roofing

- Restore built-up roof system in building A and classroom C1-9 building (10,950 SF)
- Restore built-up roof system in classroom C10-29 building (16,127 SF)
- Restore built-up roof system in M building - rooms M102-103, K1 and K2 (22,000 SF)

Estimated Cost: $150,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and structures. The facility was last painted in 2007.

Estimated Cost: $122,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- Install tack board wall panels in all classrooms.

  Estimated Cost: $172,000

c. Ceilings

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, workrooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

  Estimated Cost: $106,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Gymnasium

- None

b. Kitchen

- None

c. Restrooms

- None

d. Portable Classrooms

- None

Total Estimated Cost: $937,000

BINKS ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA

(Kathy) Binks Elementary School
7358 Cypress Ave
Fontana, CA 92336



Enrollment Data:

Capacity:	780*
CALPADS Enrollment (2013/14)	573
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	10.22 acres
Permanent Buildings	
Year first occupied	2008

Classrooms:

Permanent Classrooms	26
Portable Classrooms:	0

Building Area (sqft);

Permanent	29,730 square feet
Portable	0 square feet
Total	29,730 square feet

Subsidiary facilities :

Library	2,800 square feet
Multi-Purpose	4,175 square feet
Kitchen	1,516 square feet

Administration

Offices	1,944 square feet
Staff Breakroom	897 square feet
Staff Workroom	0 square feet

Restrooms Fixtures:

Staff	11
Boys	22
Girls	19

* Capacity based on District loading standards

BACKGROUND

Binks Elementary School opened in July 2007 in a facility comprised of ten permanent buildings that housed the administration offices, 31 classrooms, a computer lab, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. As of 2014, the school has 31 permanent classrooms and no relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 2 sets of playground equipment, hard courts/play areas and grass play fields

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Slurry coat and restripe parking area east of campus
- Patch cracks, slurry seal and repaint curbs of all entrance/exit driveways.
- Patch cracks, slurry seal, restripe and repaint curbs of north, east & south parking lot and south side drop-off. Repaint all curbs (red) of the fire lanes.

Estimated Cost: $149,000

b. Parking Lot & Exterior Lighting

- Replace outside building lights

Estimated Cost: $10,000

c. Pathways & Walkways

- Remove/replace broken concrete in walkway south of kitchen

Estimated Cost: $3,000

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- Patch cracks, slurry coat and re-stripe hardcourts (exposed aggregates) west side of campus

Estimated Cost: $53,000

b. Playfields & Grass Areas

- Restore irrigation system, replant bushes, flowers, etc. to the planters in front of the school. Remove/replace dead trees northeast of main parking area.
- Upgrade/replace irrigation controllers (3units - 48 station controllers)

Estimated Cost: $34,000

c. Playground Equipment

- Install 1 additional upper grade playground equipment

Estimated Cost: $79,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean and service main electrical service
- Clean and service distribution panels

Estimated Cost: $10,000

b. Water

- Install regulator on the water main line

Estimated Cost: $13,000

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.

Estimated Cost: $25,000

f. Energy Management System

- Upgrade/replace existing old EMS system with new system - wires, rigid conduits, weather tight boxes, i-Vu boards and components for 58 site and rooftop units.

- Upgrade/replace existing old exterior & parking lot lighting control system and connect to new District EMS

Estimated Cost: $200,000

V. BUILDING ENVELOPE

a. Roofing

- Restore built-up roof system in walkways, and low slope mechanical wells in the buildings (21,750 SF)

- Restore roofing system in K2 and Rm 29 (2,100 SF)

Estimated Cost: $210,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures.

Estimated Cost: $116,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- None

c. Ceilings

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $102,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- None

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Gymnasium

- None

b. Kitchen

- None

c. Restrooms

- None

d. Portables

- None

Total Estimated Cost: $1,004,000

CANYON CREST ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Canyon Crest Elementary School
11851 Cherry Ave
Fontana, CA 92337

Enrollment Data:

Capacity:	840*
CALPADS Enrollment (2013/14)	583
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	5.5 acres
Permanent Buildings	
Year first occupied	1992

Classrooms:

Permanent Classrooms	20
Portable Classrooms:	8

Building Area (sqft);

Permanent	23,532 square feet
Portable	7,680 square feet
Total	31,212 square feet

Subsidiary facilities :

Library	2,800 square feet
Multi-Purpose	3,070 square feet
Kitchen	680 square feet

Administration

Offices	2,601 square feet
Staff Breakroom	784 square feet
Staff Workroom	352 square feet

Restrooms Fixtures:

Staff	10
Boys	21
Girls	16

* Capacity based on District loading standards

BACKGROUND

Canyon Elementary School opened in September 1992 in a facility comprised of ten permanent buildings that housed the administration offices, 24 classrooms, a computer lab, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. Eight relocatable classrooms were later added in 1995 and 1997 to accommodate increasing student enrollment in the area. As of 2014, the school has 24 permanent classrooms and 8 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Expand west parking lot on Cherry Ave. southward to Canyon Crest Drive
- Slurry seal and re-stripe parking lot northwest and drop-off area southeast of school campus.
- Paint or replace 1 cattle gate of four installed

Estimated Cost: $96,000

b. Parking Lot and Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- Slurry seal and re-stripe all hardcourts and play areas.

Estimated Cost: $39,000

b. Playfields & Grass Areas

- Upgrade/replace irrigation controllers (1 unit - 48 station controllers)
- Install header boxes and backfill areas with exposed tree roots to eliminate tripping hazards.

Estimated Cost: $18,000

c. Playground Equipment

- Replace the old dilapidated pre-school playground equipment with new. Remove and replace bark softfall material with synthetic rubber surfacing - reuse existing concrete box.
- Remove and replace bark softfall material of the upper grade playground equipment with new synthetic rubber surfacing.

Estimated Cost: $52,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- None

b. Water

- None

c. Gas

- Replace regulators that are in vaults with above ground regulators.

  Estimated Cost: $30,000

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Complete replacement and upgrades to the very old existing fire alarm system for the whole campus.

  Estimated Cost: $375,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Intrusion/security alarm system in bad condition, devices improperly installed - complete upgrades required now.
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.

Estimated Cost: $212,000

f. Energy Management System

- Upgrade/replace existing old EMS system with new Carrier iVu CCN system - wires, rigid conduits, weather tight boxes, i-Vu boards and components for 29 rooftop units.
- Upgrade/replace existing exterior lighting and parking lot lighting control system (time clocks, wires, etc.) and integrate into the new HVAC EMS.

Estimated Cost: $175,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in buildings B,C,D,E,F,G,H,J,K and L (35,500 SF).
- Replace built-up roofing system in the Library, MPR, Offices and Staff Lounge building (18,500 SF)

Estimated Cost: $435,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2003.

Estimated Cost: $116,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- Repaint walls in the Admin/Library building. Install vinyl tack board wall panels in classroom buildings B (K1-K2), C(Rm #1-4), G (Rm #5-8), F (Rm #9-12), D (Rm #13-16) and E (Rm #17-20).

  Estimated Cost: $158,000

c. Ceilings

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Upgrade/retrofit existing T-12 ballast & tubes with T-8 ballast & tubes in all site classrooms

  Estimated Cost: $80,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package type A/C units in the classroom buildings (23 units)
- Replace package type A/C units in the Admin/MPR building (6 units)

Estimated Cost: $104,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Gymnasium

- None

b. Kitchen

- Repaint exterior metal and wood door
- Install ceramic floor tiles
- Repaint drywall ceilings

Estimated Cost: $19,000

c. Restrooms

- Paint doors, ceilings and drywall walls in all restrooms site wide.
- Replace stained epoxy floors of the Men's and Women's restrooms in the Administration building.

Estimated Cost: $17,000

d. Portable Classrooms

The school has 8 relocatable classroom (RCR) buildings and no relocatable restroom buildings. Each classroom is a typical DSA approved 24ft. x 40ft. metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.

- Room #s 21 thru 23 are over 24 years old respectively. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 75% of the cost of a new relocatable classroom unit. Remove old buildings and replace with new relocatable classroom buildings.
- Room #s 24 thru 28 are over 17 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.).

Estimated Cost: $466,000

Total Estimated Cost: $2,392,000

CHAPARRAL ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Chaparral Elementary School
14000 Shadow Drive
Fontana, CA 92337

Enrollment Data:

Capacity:	660*
CALPADS Enrollment (2013/14)	401
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	5.5 acres
Permanent Buildings	
Year first occupied	2000

Classrooms:

Permanent Classrooms	19
Portable Classrooms:	3

Building Area (sqft);

Permanent	24,928 square feet
Portable	2,880 square feet
Total	27,808 square feet

Subsidiary facilities :

Library	4,272 square feet
Multi-Purpose	4,276 square feet
Kitchen	1,092 square feet

Administration

Offices	3,840 square feet
Staff Breakroom	960 square feet
Staff Workroom	960 square feet

Restrooms Fixtures:

Staff	6
Boys	19
Girls	15

* Capacity based on District loading standards

BACKGROUND

Chaparral Elementary School opened in September 1987 on a temporary facility comprised of relocatable classrooms that housed K-2 students. The school moved to its permanent facility in October 2001 on a campus constructed of 1 one-story modular building and 5 two-story modular buildings that housed the administration offices, 22 classrooms, a computer lab, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. Three relocatable classrooms were later added in 2003 to accommodate increasing student enrollment in the area. As of 2014, the school has 22 permanent classrooms and 3 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/ play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and re-stripe east and south parking lots and drop-off area south of school campus.
- Patch cracks, slurry seal and re-stripe all three entrance driveways.

Estimated Cost: $50,000

b. Parking Lot & Exterior Lighting

- Upgrade wall pack exterior lighting fixtures site wide. Install higher or lower as needed.

Estimated Cost: $8,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- Patch cracks, slurry seal and restripe hardcourts

Estimated Cost: $19,000

b. Playfields & Grass Areas

Upgrade/replace irrigation controllers (3 units - 48 station controllers)

Estimated Cost: $24,000

c. Playground Equipment

- Replace bark with new synthetic rubber surfacing in the kindergarten and upper grade playground equipment - retain existing equipment, concrete pad & box

Estimated Cost: $43,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- None

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Replace initiating devices (pull-down switches, smoke and heat detectors) and notification appliances (bells, horns and strobes)

  Estimated Cost: $50,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.

  Estimated Cost: $25,000

f. Energy Management System

- Install new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components for 41 rooftop units.
- Upgrade/replace exterior lighting time clocks site wide with EMS - wires, rigid conduits, weather tight boxes, control boards and components

Estimated Cost: $235,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in A, B and C buildings (13,200 SF)
- Replace built-up roof system in D,E and F buildings (18,324 SF)

Estimated Cost: $560,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2001.

Estimated Cost: $111,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- None

c. Ceilings

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

  Estimated Cost: $72,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- None

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Gymnasium

- None

b. Kitchen

- None

c. Restrooms

- Repaint doors, drywall walls and ceilings of all restrooms site wide.

  Estimated Cost: $15,000

d. Portable Classrooms

The school has 3 relocatable classroom (RCR) buildings and no relocatable classroom buildings. Each classroom is a typical DSA approved 24ft. x 40ft. metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.

- Room #s P1, P2 and P3 are 13 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

  Estimated Cost: $105,000

Total Estimated Cost: $1,317,000

CITRUS ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Citrus Elementary School
16041 Randall Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	870*
CALPADS Enrollment (2013/14)	801
Grades	K-6

Facilities Inventory

Site:

Site Acreage (net usable)	11.92 acres
Permanent Buildings	
Year first occupied	2000

Classrooms:

Permanent Classrooms	18
Portable Classrooms:	11

Building Area (sqft);

Permanent	20,738 square feet
Portable	11,520 square feet
Total	32,258 square feet

Subsidiary facilities :

Library	2,399 square feet
Multi-Purpose	3,196 square feet
Kitchen	1,113 square feet

Administration

Offices	2,264 square feet
Staff Breakroom	291 square feet
Staff Workroom	543 square feet

Restrooms Fixtures:

Staff	10
Boys	6
Girls	7

* Capacity based on District loading standards

BACKGROUND

Citrus Elementary School opened in September 1999 in a facility comprised of six permanent buildings that housed the administration offices, 22 classrooms, a computer lab, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. Twelve relocatable classrooms and a relocatable restroom building were later added in 2000 and 2004 to accommodate increasing student enrollment in the area. As of 2014, the school has 22 permanent classrooms 12 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and re-stripe north and west parking lots and drop-off area north of school campus.
- Patch cracks, slurry seal and re-stripe both entrance driveways.

Estimated Cost: $56,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts and Paved Areas

- Patch cracks, slurry seal and re-stripe all hardcourts

Estimated Cost: $63,000

b. Playfields & Grass Areas

- Restore irrigation and replant trees, flowers or shrubs into planter areas

Estimated Cost: $20,000

c. Playground Equipment

- Install additional play equipment modules to the upper grade play equipment.
- Replace bark with new synthetic rubber surfacing in the upper grade play-ground equipment - retain existing equipment, concrete pad & box

Estimated Cost: $39,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean and service main electrical service
- Clean and service distribution panels

Estimated Cost: $10,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Replace initiating devices (pull-down switches, smoke and heat detectors) and notification appliances (bells, horns and strobes)

  Estimated Cost: $53,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.

  Estimated Cost: $25,000

f. Energy Management System

- Upgrade/replace old existing EMS (ALC) with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components for 35 rooftop units.
- Upgrade/replace parking lot lighting control system (ALAC) with EMS - wires, rigid conduits, weather tight boxes, control boards and components

Estimated Cost: $205,000

V. BUILDING ENVELOPE

a. Roofing

- Restore built-up roof system in the MPR, Kitchen and Room #1-9 buildings (18,800 SF)
- Replace built-up roof system in the Office, Rooms #10-19 buildings (20,925 SF)
- Replace built-up roofing system in Room #20-34 relocatable buildings (18,960 SF)

Estimated Cost: $460,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 1999

Estimated Cost: $120,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- None

c. Ceilings

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, workrooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

  Estimated Cost: $72,000

c. Technology/Data

- See Appendix C -Technology

d. HVAC/Heating Systems

- Replace package type A/C units in the Classroom buildings (24 units)
- Replace package unit in the Kitchen building (1 unit)
- Replace package A/C units in the Admin Office building (1 unit)
- Replace package A/C units in the Library building (1 unit)
- Replace package A/C units in the MPR building (2 units)
- Replace split type A/C units in the Stage (1 unit)

Estimated Cost: $320,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Gymnasium

- None

b. Kitchen

- Repaint doors, drywall walls and ceilings

Estimated Cost: $4,000

c. Restrooms

- Repaint doors, drywall walls and ceilings to all restrooms site wide.

Estimated Cost: $10,000

d. Portable Classrooms

The school has 12 relocatable classroom (RCR) buildings and 1 relocatable restroom building. Each RCR is a typical DSA approved 24ft. x 40ft. metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff restroom, a Boys Restroom and a Girls restroom.

- Room #s 33 is 27 years old. Considering the age of this building, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building.

- Room #s 23 thru 32 and Room # 34 are over 15 years old. Modernize/ upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

- The relocatable restroom building is 15 years old. Complete floor, wall, ceilings and fixtures upgrades (linoleum floors and FRP walls to ceramic tiles, metal partitions to phenolic, etc.) is anticipated to cost more than 50% of the cost of a new relocatable restroom. Remove old building and replace with new relocatable restroom building.

Estimated Cost: $567,000

Total Estimated Cost: 2,024,000

CYPRESS ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Cypress Elementary School
9751 Cypress Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	1020*
CALPADS Enrollment (2013/14)	840
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	8.68 acres
Permanent Buildings	
Year first occupied	

Classrooms:

Permanent Classrooms	22
Portable Classrooms:	12

Building Area (sqft);

Permanent	20,725 square feet
Portable	13,440 square feet
Total	34,165 square feet

Subsidiary facilities :

Library	3,991 square feet
Multi-Purpose	2,812 square feet
Kitchen	1,225 square feet

Administration

Offices	1,355 square feet
Staff Breakroom	937 square feet
Staff Workroom	478 square feet

Restrooms Fixtures:

Staff	9
Boys	27
Girls	19

* Capacity based on District loading standards

BACKGROUND

Cypress Elementary School opened in September 1970 in a facility comprised of five permanent buildings that housed the administration offices, 24 classrooms, a computer lab, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and re-strooms. Fourteen relocatable classroom buildings and a relocatable restroom building were later added from 1989 thru 2001 to accommodate increasing student enrollment in the area. As of 2014, the school has 24 permanent classrooms and 14 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch, slurry seal, re-stripe and repaint curbs in both parking lots and drop-off area west of school campus.
- Expand west parking lot eastward 100 ft long along San Bernardino Avenue.
- Patch, slurry seal, re-stripe and repaint curbs in all four entrance driveways.

Estimate of Cost: $114,000

b. Parking Lot & Exterior Lighting

- Replace old parking lot lighting poles and light fixtures. Upgrade the old exterior lighting fixtures site wide and connect tot the new District EMS.

Estimate of Cost: $28,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- Patch cracks, slurry seal and re-stripe all hardcourts

Estimated Cost: $81,000

b. Playfields & Grass Areas

- Upgrade/redo the turf areas around the office and kindergarten area.
- Upgrade/redo the playfields completely, install new irrigation system, relevel, mulch, seed and fertilize.
- Upgrade/replace irrigation controllers (2 units - 48 station controllers)

Estimated Cost: $181,000

c. Playground Equipment

- Install additional play equipment modules to both of the upper grades play-ground equipment (northwest and southeast of campus).
- Remove bark soft fall material and replace with new synthetic rubber surfacing to both of the upper grades playground equipment (northwest and southeast of campus)

Estimated Cost: $77,000

d. Outdoor Shade Structures

- None

e. Perimeter

- None

III. UTILITIES

a. Electrical Service

- Clean and service main electrical service (480/277V), located outside, between office and K building
- Clean and service distribution panels (120/208V)

Estimated Cost: $10,000

b. Water

- Install backflow preventer to the main service

Estimated Cost: $38,000

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace the existing old Master Clock System.

Estimated Cost: $48,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Completely upgrade the existing old intrusion/security alarm system site wide.
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.

Estimated Cost: $235,000

f. Energy Management System

- Upgrade/replace existing EMS with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components for 45 rooftop, 1 site and 10 office units.
- Connect parking lot and exterior lighting site wide to the EMS - wires, rigid conduits, weather tight boxes, control boards and components

Estimated Cost: $310,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in A,B,C,K1/K2, MPR/Kitchen and Room # 8-20 relocatable buildings (47,910 SF)

Estimated Cost: $424,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2000

Estimated Cost: $124,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

Estimated Cost: $150,000

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- Repaint textured drywalls in the Admin offices.
- Install vinyl tack board wall panels in the Library/Computer Lab and classrooms in pods A, and C.

Estimated Cost: $167,000

c. Ceilings

- Repaint drywall ceilings in the Library/Computer Lab and classrooms in pods A, and C.

Estimated Cost: $70,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $80,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C units in the Kindergarten building (1 unit)
- Replace split type A/C units in the Data/Server Room (1 units)

Estimated Cost: $25,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Cafeteria

- Replace drop ceiling and light fixtures
- Replace Cafeteria/MPR stage lighting
- Repaint doors and drywall areas

Estimated Cost: $85,000

b. Kitchen

- Repaint metal doors
- Install ceramic wall tiles
- Repaint drywall walls and ceilings

Estimated Cost: 7,000

c. Restrooms

- Repaint doors, drywall walls and ceilings of all restrooms site wide.

Estimated Cost: $17,000

d. Portable Classrooms

The school has 12 relocatable classroom (RCR) buildings and 1 relocatable restroom building. Each RCR is a typical DSA approved 24ft. x 40ft. metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff restroom, a Boys Restroom and a Girls restroom.

- Room #s A08, A09 and K03 are 25 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old buildings and replace with new relocatable classroom buildings.

- Room #s 10 thru 20 are between 13 and 19 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.).

- The relocatable restroom building is 25 years old. The building was upgraded in recent years.

Estimated Cost: $676,000

Total Estimated Cost: $2,947,000

DATE ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Date Elementary School
9011 Oleander Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	900*
CBEDS Enrollment (2013/14)	749
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	7.89 acres
Permanent Buildings	
Year first occupied	1997

Classrooms:

Permanent Classrooms	21
Portable Classrooms:	9

Building Area (sqft);

Permanent	25,703 square feet
Portable	7,680 square feet
Total	33,383 square feet

Subsidiary facilities :

Library	1,594 square feet
Multi-Purpose	4,441 square feet
Kitchen	858 square feet

Administration

Offices	1,539 square feet
Staff Breakroom	540 square feet
Staff Workroom	320 square feet

Restrooms Fixtures:

Staff	11
Boys	17
Girls	11

* Capacity based on District loading standards

NEEDS ASSESSMENT DATE ELEMENTARY SCHOOL

BACKGROUND

Date Elementary School opened in April 1997 in a facility comprised of nine permanent buildings that housed the administration offices, 28 classrooms, a computer lab, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. Seven relocatable classroom buildings were later added from 1989 thru 2001 to accommodate increasing student enrollment in the area. As of 2014, the school has 28 permanent classrooms and 9 relocatable classrooms. Outdoor facilities include an on-grade and a rooftop staff and visitors parking/drop-off areas, 4 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch, slurry seal, re-stripe and repaint curbs in the parking lots and drop-off area west of school campus.
- Patch, slurry seal, re-stripe and repaint curbs in all three entrance driveways

Estimated Cost: $33,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- Patch cracks, slurry seal and re-stripe all hardcourts

Estimated Cost: $76,000

b. Playfields & Grass Areas

- Upgrade/redo the turf areas in the north and south sides of campus.
- Upgrade/redo the playfields completely, install new irrigation system, relevel, mulch, seed and fertilize.
- Upgrade/replace irrigation controllers (1units - 48 station controllers)

Estimated Cost: $113,000

c. Playground Equipment

- Replace the old play equipment modules to both of the upper grades playground equipment with new.
- Remove bark soft fall material and install synthetic rubber surfacing - retain existing equipment, concrete pad & box

Estimated Cost: $137,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean and service main electrical service
- Clean and service distribution panels

Estimated Cost: $10,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm

- Upgrade/complete replacement of the very old existing fire alarm system for the whole campus

Estimated Cost: $375,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Complete upgrades to the intrusion/security alarm system site wide.
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.

Estimated Cost: $231,000

f. Energy Management System

- Upgrade/replace existing EMS (ALC) with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components for 44 devices.

- Upgrade/replace existing exterior lighting and parking lot lighting control system - EMS, time clocks, etc. , and connect to the new EMS.

Estimated Cost: $250,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in the E, F and Library buildings (21,675 SF)

- Replace built-up roof system in G, H, and MPR/Office buildings (27,565 SF)

- Replace built-up roof system in C1-C4 building (7,585 SF)

Estimated Cost: $175,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 1997

Estimated Cost: $130,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace worn/stained carpets in the Admin offices, library and classroom buildings C, D, E, F, G and H.

  Estimated Cost: $380,000

b. Walls

- None

c. Ceilings

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, workrooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

  Estimated Cost: $92,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package type A/C units in the Classroom buildings (34 units)
- Replace package type A/C units in the Office building (5 units)
- Replace package type A/C units in the Kitchen building (1 unit)
- Replace package type A/C units in the Library building (1 unit)
- Replace split type A/C units in the Data/Server Room (1 unit)

Estimated Cost: $425,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Gymnasium

- Replace the 175 W and 400W metal halide lamps
- Repaint metal doors and textured plaster and brick walls

Estimated Cost: $31,000

b. Kitchen

- Repaint metal and wooden doors and drywall walls.

Estimated Cost: $4,000

c. Restrooms

- Repaint doors and drywall walls and ceilings in all restrooms site wide.

Estimated Cost: $12,000

d. Portable Classrooms

The school has 7 relocatable classroom (RCR) buildings and no relocatable restroom building. Each RCR is a typical DSA approved 24ft. x 40ft. metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.

- Room #s P1 thru P5 are 13 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)
- Room #s I1 thru I4 are leased relocatable classrooms. Repairs and upgrades are lessor's responsibility

Estimated Cost: $175,000

Total Estimated Cost: $2,649,000

GRANT ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA

Grant Elementary School
7069 Isabel Lane
Fontana, CA 92336



Enrollment Data:

Capacity:	780*
CALPADS Enrollment (2013/14)	706
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	10.0 acres
Permanent Buildings	
Year first occupied	2004

Classrooms:

Permanent Classrooms	23
Portable Classrooms:	3

Building Area (sqft);

Permanent	24,077 square feet
Portable	2,880 square feet
Total	26,957 square feet

Subsidiary facilities :

Library	1,938 square feet
Multi-Purpose	3,597 square feet
Kitchen	858 square feet

Administration

Offices	4,416 square feet
Staff Breakroom	800 square feet
Staff Workroom	357 square feet

Restrooms Fixtures:

Staff	6
Boys	21
Girls	17

* Capacity based on District loading standards

BACKGROUND

Grant Elementary School opened in July 2004 in a facility comprised of eight permanent buildings that housed the administration offices, 29 classrooms, a computer lab, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. Three relocatable classroom buildings were later added in 2008 to accommodate increasing student enrollment in the area. As of 2014, the school has 29 permanent classrooms and 3 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 2 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal, re-stripe and repaint curbs in the parking lots and drop-off area west and south side of school campus.
- Patch cracks, slurry seal, re-stripe and repaint curbs in all four entrance driveways.

Estimated Cost: $64,000

b. Parking Lot and Exterior Lighting

- None

c. Pathways and Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- Patch cracks, seal coat and restripe hardcourts east side of campus

Estimated Cost: $33,000

b. Playfields & Grass Areas

- Install turf in the center islands of the main parking lot
- Upgrade/redo the grass playfields
- Upgrade/replace irrigation controllers (2units - 48 station controllers)
- Remove and replace dead trees: 4 in west parking lot, 1 west of K1 and 1 south of Cafeteria.
- Restore irrigation sprinklers/drippers and replant trees, bushes, shrubs, grass and/or ground cover in planter areas around campus.

Estimated Cost: $191,000

c. Playground Equipment

- Install 1 additional upper grade playground equipment

Estimated Cost: $79,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean and service main electrical switchgear
- Clean and service distribution panels

Estimated Cost: $10,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Complete system upgrades required in 5 to 10 years.
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.

Estimated Cost: $212,000

f. Energy Management System

- Upgrade/replace existing EMS (ALC) with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components.
- Upgrade/replace exterior lighting and parking lot lighting control (ALAC) site wide to the new EMS - wires, rigid conduits, weather tight boxes, control boards and components

Estimated Cost: $110,000

V. BUILDING ENVELOPE

a. Roofing

- Restore built-up roof system in A,H and K buildings (6,975 SF)
- Restore built-up roof system in B and C buildings (5,860 SF)
- Restore built-up roof system in D,E,F and G buildings (28,560 SF)

Estimated Cost: $370,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2004

Estimated Cost: $105,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- Repaint drywall walls in building A (Administration Offices) and building B (Library & Computer Lab).
- Install new vinyl tack board wall panels in building H (Rm #K1-K4).

Estimated Cost: $43,000

c. Ceilings

- Repaint acoustical tile ceilings in building A (Administration Offices) and building B (Library & Computer Lab).

Estimated Cost: $20,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $96,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

None

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR

- Repaint doors, drywall walls and ceilings.

Estimated Cost: $15,000

b. Kitchen/ Faculty Lounge

- Repaint metal doors and drywall ceilings of the kitchen
- Investigate and repair/replace sewage drain piping system of the kitchen
- Repaint wooden doors and drywall walls of the faculty lounge in the Admin building

Estimated Cost: $16,000

c. Restrooms

- Repaint doors and drywall ceilings in all restrooms site wide.

Estimated Cost: $19,000

d. Portable Classrooms

- The school has 3 relocatable classroom (RCR) buildings and no relocatable restroom buildings. Each RCR is a typical DSA approved 24ft. x 40ft. metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.
- Room # P1 is 23 years old. Considering the age of this building, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building.
- Room #s P2 and P3 are leased relocatable classrooms. Repairs and upgrades are lessor's responsibility.

Estimated Cost: $97,000

Total Estimated Cost: $1,480,000

HEMLOCK ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA

Hemlock Elementary School
15080 Miller Ave
Fontana, CA 92336



Enrollment Data:

Capacity:	750*
CALPADS Enrollment (2013/14)	437
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	9.05 acres
Permanent Buildings	
Year first occupied	1993

Classrooms:

Permanent Classrooms	19
Portable Classrooms:	6

Building Area (sqft);

Permanent	24,918 square feet
Portable	5,760 square feet
Total	30,678 square feet

Subsidiary facilities :

Library	3,711 square feet
Multi-Purpose	3,070 square feet
Kitchen	680 square feet

Administration

Offices	2,601 square feet
Staff Breakroom	784 square feet
Staff Workroom	352 square feet

Restrooms Fixtures:

Staff	14
Boys	18
Girls	14

* Capacity based on District loading standards

BACKGROUND

Hemlock Elementary School opened in September 1993 in a facility comprised of ten permanent buildings that housed the administration offices, 24 classrooms, a computer lab, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and re-strooms. Six relocatable classroom buildings were later added in in 1997 and 2005 to accommodate increasing student enrollment in the area. As of 2014, the school has 24 permanent classrooms and 6 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal, re-stripe and repaint curbs parking lots and drop-off areas west and south side of the school.
- Patch cracks, slurry seal, re-stripe and repaint curbs in all five (3 west and 2 south) entrance driveways.
- Repair and repaint cattle gates in driveways.

Estimated Cost: $65,000

b. Parking Lot & Exterior Lighting

- Retrofit/replace parking lighting fixtures (7 ea) in the west parking lot.
- Install 2 parking lot pole lighting in the south parking lot.

Estimated Cost: $31,000

c. Pathways & Walkways

- Remove and replace cracked section of concrete walkway east of Room # 2. (tripping hazard)

Estimated Cost: $1,000

d. ADA Access Ramps

- Remove and replace asphalt landing (approx. 4'x6') in portable classrooms I1 - I3.
- Repair/replace steel handrails in two locations on the south side of Admin building. End loops were cut and are a safety hazard.

Estimated Cost: $5,000

II. OUTDOOR FACILITIES

a. Hardcourt & Paved Areas

- Patch cracks, seal coat and restripe hardcourts north and east of classroom buildings F and G - asphalt is cracked over the entire hardcourt surface and the aggregate is exposed.

Estimated Cost: $33,000

b. Playfields & Grass Areas

- Upgrade, re-level deteriorated/damaged northeast corner of grass playfields, restore irrigation, re-seed and fertilize.
- Remove and replace dead trees (3), north of K-3, Room #5 and Room #8

Estimated Cost: $26,000

c. Playground Equipment

- Remove bark soft fall material in the upper grades playground equipment (east of campus) and replace with synthetic rubber surfacing. Retain newer play equipment modules, concrete pad & box.
- Remove old and install new play equipment modules in both upper grade play-ground equipment.

Estimated Cost: $77,000

d. Outdoor Shade Structures

- Remove weathered wood in gazebo type structures at 6 locations around campus and replace with metal cover.
- Remove and replace weathered wood trellis structure in the covered seating area northeast of MPR.

Estimated Cost: $50,000

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Service and inspect the main electrical switchgear (480/277V)
- Upgrade the main electrical switchgear - parts could soon become obsolete
- Clean and service distribution panels (120/208V)
- Upgrade the distribution panels (120/280)

Estimated Cost: $83,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/complete replacement of the very old existing fire alarm system for the whole campus.

Estimated Cost: $375,000

b. Phone/PA System

- None

c. Clocks/Bell Systems

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide

Estimated Cost: $204,000

f. Energy Management System

- Upgrade/replace existing EMS (ALC) with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components for 34 rooftop units

- Upgrade/replace existing exterior lighting and parking lot lighting control systems (EMS, time clocks, wirings, etc.) and integrate into the new Energy Management System

Estimated Cost: $155,000

V. BUILDING ENVELOPE

a. Roofing

- Repair built-up roof system in A and MPR buildings (16,900 SF)
- Repair built-up roof system in B,C and G buildings (16,250 SF)
- Replace built-up roof system in the D,E and F buildings (16,250 SF)

Estimated Cost: $292,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2003.
- Provide metal cladding/water-proofing to exposed wood structure (sunscreens) over the windows (22 locations around campus) to protect against dry rot.

Estimated Cost: $114,000

c. Windows

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet in building A (Administration Offices, Library & computer lab and Staff Lounge.

Estimated Cost: $95,000

b. Walls

- Repaint drywall walls in the Administration Offices, Library and Computer Lab.
- Install vinyl tack board wall panels in buildings B (Rm K1-K3), C (Rm #5-8), D (Rm #9-12), E (Rm #17-20), F (Rm #13-16) and G (Rm #1-4).

Estimated Cost: $148,000

c. Ceilings

- Repaint ceilings in buildings A, B, C, D, E, F and G.

Estimated Cost: $64,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $80,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C units in Classroom buildings B, C, D, E, F & G (23 units)
- Replace package A/C units in the MPR, Administration and Library (5 units)

Estimated Cost: $305,000

e. Plumbing Fixtures

- Replace classroom faucets school wide

Estimated Cost: $11,000

VIII. MPR AND OTHER FACILITIES

a. MPR

- Repaint drywall walls and ceilings

Estimated Cost: $12,000

b. Kitchen

- None

c. Restrooms

- Repaint doors, drywall walls & ceilings to restrooms in buildings A, B, F and G.
- Replace metal partitions in the men and women's restrooms in building A with phenolic partitions.

Estimated Cost: $24,000

d. Portable Classrooms

- The school has 6 relocatable classroom (RCR) buildings and no relocatable restroom buildings. Each RCR is a typical DSA approved 24ft. x 40ft. metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.
- Room #s 21 thru 23 are 17 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)
- Room #s I-1 thru I-3 are relatively new buildings with relatively minor replacement and upgrade needs.

Estimated Cost: $105,000

Total Estimated Cost: $2,355,000

JUNIPER ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Juniper Elementary School
7655 Juniper Ave
Fontana, CA 92336

Enrollment Data:

Capacity:	990*
CALPADS Enrollment (2013/14)	583
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	8.72 acres
Permanent Buildings	
Year first occupied	

Classrooms:

Permanent Classrooms	18
Portable Classrooms:	15

Building Area (sqft);

Permanent	29,080 square feet
Portable	15,360 square feet
Total	44,440 square feet

Subsidiary facilities :

Library	1,916 square feet
Multi-Purpose	3,268 square feet
Kitchen	975 square feet

Administration

Offices	2,621 square feet
Staff Breakroom	1,093 square feet
Staff Workroom	0 square feet

Restrooms Fixtures:

Staff	9
Boys	17
Girls	14

* Capacity based on District loading standards

BACKGROUND

Juniper Elementary School opened in September 1958 in a facility comprised of five permanent buildings that housed the administration offices, 18 classrooms, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. The Library/ media and the Pre-school permanent buildings were later added to the school site. Sixteen relocatable classroom buildings and a relocatable restroom building were later added from 1968 thru 1997 to accommodate increasing student enrollment in the area. As of 2014, the school has 26 permanent classrooms and 16 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch, slurry seal and restripe north and west parking lots
- Patch, slurry seal and restripe all 4 entrance driveways

Estimated Cost: $43,000

b. Parking Lot & Exterior Lighting

- Install parking lot pole lighting system, at least 3 each, to both the west and north parking areas of the campus. Connect to the District EMS.

Estimated Cost: $63,000

c. Pathways and Walkways

- Cut, remove and replace cracked section of the concrete walkway south of Room # 10. (tripping hazard).

Estimated Cost: $4,000

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- Patch, slurry seal and restripe all hardcourts and blacktop areas.

Estimated Cost: $72,000

b. Playfields & Grass Areas

- Upgrade the turf areas in front of the school.
- Install new backflow and main line in front of the school. Wire as needed to eliminate the remaining hydraulic valves and cross connections.
- Upgrade/replace irrigation controllers (1 unit-48 station controller)
- Restore irrigation and replace dead trees in some planter boxes

Estimated Cost: $78,000

c. Playground Equipment

- Remove bark soft fall material and install synthetic rubber surfacing to the kindergarten playground equipment (west of campus). Retain play equipment modules, concrete box & curbs.
- Remove bark soft fall material and install synthetic rubber surfacing to the upper grades playground equipment (east of the hardcourts). Retain play equipment modules, concrete box & curbs.

Estimated Cost: $43,000

d. Outdoor Shade Structures

- Install a 30ft x 40ft, metal roof, steel frame shade structure as student outdoor lunch area next to the RSP building

Estimated Cost: $60,000

e. Perimeter Fencing

- Replace section of fence and gates at the southeast corner of the playfields

Estimated Cost: $12,000

III. UTILITIES

a. Electrical Service

- Clean and service main electrical switchgear (480/277V)
- Upgrade the distribution and sub-panels (120/208V). Parts could become obsolete soon.

Estimated Cost: $36,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Replace initiating devices (pull-down switches, smoke and heat detectors) and notification appliances (bells, horns and strobes)
- Replace wirings to some buildings in campus as needed

Estimated Cost: $23,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.

  Estimated Cost: $250,000

f. Energy Management System

- Upgrade/replace existing EMS (ALC) with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components site wide—11 rooftop units.

- Upgrade/replace existing parking lot and exterior lighting control system (timers, clocks, etc) and connect to the new EMS.

  Estimated Cost: $100,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in the Admin and MPR buildings (18,825 SF)

- Replace built-up roof system in B,C,D and E buildings (26,175 SF)

- Restore built-up roof system in H building (7,550 SF)

  Estimated Cost: $580,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2010

Estimated Cost: $110,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

Estimated Cost: $460,000

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet and VCT floor finishes in the Administration offices
- Replace vinyl sheet flooring in building E (Pre-school) with carpet and VCT.

Estimated Cost: $55,000

b. Walls

- Repaint wall finishes in the building a (Administration office).
- Install tack board wall panels in the classrooms B (Rm #9-16), C (Rm #K1-K2) and D (Rm #1-8).

Estimated Cost: $112,000

c. Ceilings

- Repaint ceilings in the Administration Offices.

Estimated Cost: $8,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $86,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C units in the B, C and D bldgs (K1-K2, 1-8, 9-16 (15 units)
- Replace split type A/C units in the A, and E buildings (Admin, MPR/Kitchen, RSP and Pre-school) (13 units)

Estimated Cost: $280,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR

- Repaint wood doors, textured drywall walls, and ceilings
- Sand and refinish stage hardwood stage floor

Estimated Cost: $35,000

b. Kitchen

- None

c. Restrooms

- Repaint doors, drywall walls & ceilings in all restrooms site wide.
- Replace metal partitions with phenolic partitions in boys and girls restrooms in building D.

Estimated Cost: $26,000

d. Portable Classrooms

- The school has 17 relocatable classroom (RCR) buildings and 1 relocatable restroom building. Each RCR, except Rm #s 17 thru 19 and Rm # 40, is a typical DSA approved 24ft. x 40ft. metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. Rm #s 17 thru 19 are DSA approved 900 square foot units and Rm # 40 is a 1,216 square foot unit. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff restroom, a Boys Restroom and a Girls restroom.
- Room #s 17 thru 24, 32 and 40 are over 25 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old buildings and replace with new relocatable classroom buildings
- Room #s 25 thru 31 are between 17 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)
- The relocatable restroom building is 25 years old. The building was upgraded in recent years.

Estimated Cost: $1,215,000

Total Estimated Cost: $3,751,000

LIVE OAK ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Live Oak Elementary School
9522 Live Oak Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	960*
CALPADS Enrollment (2013/14)	634
Grades	K-6

Facilities Inventory

Site:

Site Acreage (net usable)	9.69 acres
Permanent Buildings	
Year first occupied	1962

Classrooms:

Permanent Classrooms	18
Portable Classrooms:	14

Building Area (sqft);

Permanent	23,448 square feet
Portable	17,280 square feet
Total	40,728 square feet

Subsidiary facilities :

Library	1,325 square feet
Multi-Purpose	2,640 square feet
Kitchen	975 square feet

Administration

Offices	2,003 square feet
Staff Breakroom	388 square feet
Staff Workroom	447 square feet

Restrooms Fixtures:

Staff	11
Boys	18
Girls	15

* Capacity based on District loading standards

BACKGROUND

Live Oak Valley Elementary School opened in September 1962 in a facility comprised of five permanent buildings that housed the administration offices, 16 classrooms, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. The Library/Classroom building was added to the school campus in 2004. Eighteen relocatable classroom buildings and a relocatable restroom building were later added from 1999 thru 1997 to accommodate increasing student enrollment in the area. As of 2014, the school has 23 permanent classrooms and 18 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch, slurry seal, re-stripe and repaint curbs in the parking lots south side of school campus.
- Patch, slurry seal, re-stripe and repaint curbs in all three entrance driveways.
- Patch, slurry seal, re-stripe and repaint curbs of the fire lane

Estimated Cost: $41,000

b. Parking Lot & Exterior Lighting

- Install parking lot pole lighting to the north and south parking areas and student drop-off areas. Connect lighting controls to the EMS.

Estimated Cost: $83,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- Patch cracks, slurry seal and restripe all hardcourts

Estimated Cost: $71,000

b. Playfields & Grass Areas

- None

c. Playground Equipment

- The kindergarten and the upper grade play equipment are old and worn. Replace the old and worn play equipment modules of the kindergarten and upper grades playground with new play equipment modules. Retain existing newer equipment modules, concrete pad and curbs. Install synthetic rubber surfacing
- Replace fibar/bark soft fall material in the kindergarten and upper grades play equipment with synthetic rubber surfacing.

Estimated Cost: $104,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Replace the main electrical service (480/277V)
- Clean and service distribution panels (120/208V)

Estimated Cost: $65,000

b. Water

- Upgrade/replace main water service valves, meters, regulators and backflow preventers.
- Repipe service main line and laterals to buildings

Estimated Cost: $456,000

c. Gas

- Upgrade/replace main gas service valves, meters and regulators. Repipe service main line to distribution

Estimated Cost: $71,000

d. Storm/Sewage

- Connect to city sewer system and abandon septic tank system.
- Upgrade/replace old sewage collection and piping system mains and laterals to buildings.

Estimated Cost: $458,000

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/replace the remaining old initiating devices (pull-down switches, smoke and heat detectors) and notification appliances (bells, horns and strobes)
- Replace defective wirings in some buildings as needed.

Estimated Cost: $18,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing video-surveillance system. Install new monitors/controls and 10 cameras site wide.

Estimated Cost: $246,000

f. Energy Management System

- Upgrade/replace existing EMS (ALC) with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, control modules and components for 28 rooftop and 7 site units.
- Connect all exterior lighting and parking lot lighting systems to the EMS - wires, rigid conduits, weather tight boxes, control boards, and components, etc.

Estimated Cost: $205,000

V. BUILDING ENVELOPE

a. Roofing

- None

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2003

  Estimated Cost: $89,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

  Estimated Cost: $65,000

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT flooring in building A (Administration Offices), B (Rooms K1-K2), D (Rooms 5-14) and F (Library, Rooms 15-19).

  Estimated Cost: $240,000

b. Walls

- Replace the stained/worn wall finishes in building A (Administration Office) with tack board wall panels.

Estimated Cost: $24,000

c. Ceilings

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $76,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace split A/C units in building B (Kindergarten) - 2 units.
- Replace A/C unit in building D (Room #6-14) - 1 unit
- Replace A/C unit in building C (Room #1-4) - 4 units
- Replace package A/C units in building A (MPR/Cafeteria) - 4 units

Estimated Cost: $258,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR

- Upgrade the stage lighting in the MPR/Cafeteria
- Repaint doors, drywall walls and acoustic tile ceilings.

Estimated Cost: $11,000

b. Kitchen/Faculty Lounge

- Reconstruct the floor drain system of the kitchen.
- Repaint doors and walls of the kitchen
- Repaint the doors and walls of the faculty lounge.

Estimated Cost: $14,000

c. Restrooms

- Repaint doors, walls and ceilings of boys and girls restrooms site wide.
- Replace ceramic tile floor in Nurse's restroom

Estimated Cost: $15,000

d. Relocatable Classroom Buildings

The school has 17 relocatable classroom (RCR) buildings and 1 relocatable restroom building. Each RCR, is a typical DSA approved 24ft. x 40ft. metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff restroom, a Boys Restroom and a Girls restroom.

- Room #s 21 thru 30 are over 22 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old buildings and replace with new relocatable classroom buildings

- Room #s 31 thru 37 are 17 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

- The relocatable restroom building is 25 years old. Complete floor, wall, ceilings and fixtures upgrades (linoleum floors and FRP walls to ceramic tiles, metal partitions to phenolic, etc.) is anticipated to cost more than 50% of the cost of a new relocatable restroom. Remove old building and replace with new relocatable restroom building

Estimated Cost: $1,300,000

Total Estimated Cost: $3,910,000

LOCUST ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Locust Elementary School
7420 Locust Ave
Fontana, CA 92336

Enrollment Data:

Capacity:	780*
CALPADS Enrollment (2013/14)	526
Grades	K-6

Facilities Inventory

Site:

Site Acreage (net usable)	10.0 acres
Permanent Buildings	
Year first occupied	1987

Classrooms:

Permanent Classrooms	19
Portable Classrooms:	7

Building Area (sqft);

Permanent	24,960 square feet
Portable	6,720 square feet
Total	31,680 square feet

Subsidiary facilities :

Library	960 square feet
Multi-Purpose	3,456 square feet
Kitchen	366 square feet

Administration

Offices	2,356 square feet
Staff Breakroom	524 square feet
Staff Workroom	0 square feet

Restrooms Fixtures:

Staff	10
Boys	8
Girls	7

* Capacity based on District loading standards

BACKGROUND

Locust Elementary School opened in September 1987 in a facility comprised of two modular buildings and eight clusters of permanent modular classroom buildings. The facility housed the administration offices, the multi-purpose room/cafeteria and kitchen, a library, restrooms and 26 classrooms. Seven relocatable classroom buildings were later added from 1991 thru 2001 to accommodate increasing student enrollment in the area. As of 2014, the school has 26 permanent classrooms and 7 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 2 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry coat and restripe both north and south parking areas.
- Paint curbs, signage and markings to highlight/ designate fire lanes.
- Install bollards around PIV's and fire hydrants in the hardcourt area.
- Patch cracks, slurry coat and restripe all three driveways.

Estimated Cost: $69,000

b. Parking Lot & Exterior Lighting

- Install new and complete exterior lighting system around the buildings in campus. Connect lighting controls to the new centralized district EMS.

Estimated Cost: $132,000

c. Pathways & Walkways

- Remove uneven concrete/ tripping hazards south of MPR and east of room # 21.

Estimated Cost: $6,000

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry coat and restripe hard court areas west side of campus.
- Install bollards around PIV's and fire hydrants in hardcourt area.

Estimated Cost: $82,000

b. Playfields & Grass Areas

- Install concrete in islands in front of school.
- Restore irrigation system and replant shrubs/flowers in planters located south of K1/K2, west of room # 24, east of room # 14 and north of room # 26
- Restore irrigation system and replant trees, grass, shrubs, or flowers in all planter areas site wide.

Estimated Cost: $30,000

c. Playground Equipment

- Replace wood chips/bark softfall material in the upper grade playground equipment, west side of the school, with synthetic rubber surfacing.
- Install 1 additional upper grade playground equipment
- Verify safety testing and certification for the upper grades play equipment. Replace if uncertified

Estimated Cost: $108,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean and service main electrical switchgear (480/277V)
- Clean and service distribution panels (120/208V)

Estimated Cost: $10,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/completely replace the existing old fire alarm system for the whole campus

Estimated Cost: $225,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing video-surveillance system. Install new monitors/controls and 10 cameras site wide.

  Estimated Cost: $216,000

f. Energy Management System

- Upgrade/replace existing EMS (ALC) with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components, etc. for 33 devices

- Upgrade/replace parking lot lighting time clocks with EMS - wires, rigid conduits, weather tight boxes, control boards and components

  Estimated Cost: $195,000

V. BUILDING ENVELOPE

a. Roofing

- None

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2007

  Estimated Cost: $98,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet floor coverings in building C (administration Offices)

  Estimated Costs: $27,000

b. Walls

- None

c. Ceiling

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts.

  Estimated Cost: $86,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C unit in building C (Administration Offices) - 1 unit
- Replace package A/C units in building C (MPR/Cafeteria) - 2 units
- Replace package A/C unit building C (MPR/Cafeteria - stage area) - 1 unit

Estimated Cost: $55,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR

- Repaint laminated wood doors
- Repaint drywall walls
- Replace acoustic ceiling tiles

Estimated Cost: $32,000

b. Kitchen/ Faculty Lounge (Admin Building)

- Repaint metal doors
- Install ceramic tiles on floors.
- Repaint textured drywall walls and ceilings
- Repaint doors, walls and ceiling in the Faculty Lounge (Admin Building)

Estimated Cost: $35,000

c. Restrooms

- Repaint doors, walls and ceilings in all restrooms
- Replace Nurse VCT floor (heavily stained) with ceramic tiles and set ceramic tiles on walls in the Nurse restroom
- Replace metal partitions in the Boys and Girls restrooms with phenolic partitions

Estimated Cost: $24,000

d. Portable Classrooms

- The school has 33 relocatable classroom (RCR) buildings and 1 relocatable restroom building. Each RCR, is a typical DSA approved 24ft. x 40ft. metal frame buildings installed on concrete foundations and furnished with concrete ramps and metal railings. Buildings have wood sidings, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff restroom, a Boys Restroom and a Girls restroom.
- All 33 relocatable classrooms range from 13 to 27 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)
- The relocatable restroom building is 13 years old. Upgrade floor and walls to ceramic tiles. Install new phenolic partitions, new ceilings and restroom fixtures.

Estimated Cost: $1,205,00

Total Estimated Cost: $2,635,000

MANGO ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Mango Elementary School
7450 Mango Ave
Fontana, CA 92336

Enrollment Data:

Capacity:	840*
CALPADS Enrollment (2013/14)	638
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	10.0 acres
Permanent Buildings	
Year first occupied	1987

Classrooms:

Permanent Classrooms	17
Portable Classrooms:	11

Building Area (sqft);

Permanent	23,572 square feet
Portable	11,040 square feet
Total	34,612 square feet

Subsidiary facilities :

Library	3,555 square feet
Multi-Purpose	3,070 square feet
Kitchen	680 square feet

Administration

Offices	2,601 square feet
Staff Breakroom	784 square feet
Staff Workroom	352 square feet

Restrooms Fixtures:

Staff	14
Boys	16
Girls	10

* Capacity based on District loading standards

BACKGROUND

Mango Elementary School opened in September 1992 in a facility comprised of ten permanent buildings that housed the administration offices, 24 classrooms, a multi-purpose room/cafeteria, a kitchen, computer lab, library, faculty workrooms and re-strooms. Eleven relocatable classroom buildings were later added from 1995 thru 2001 to accommodate increasing student enrollment in the area. As of 2014, the school has 24 permanent classrooms and 12 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry coat and restripe main parking area and student drop-off area east side of campus.
- Patch cracks, slurry coat and restripe fire lanes south and east of campus. Re-paint curbs and markings.
- Repair and repaint cattle gates in parking areas

Estimated Cost: $58,000

b. Parking Lot & Exterior Lighting

- Upgrade parking lot lighting fixtures in the main parking area east of campus

Estimated Cost: $6,000

c. Pathways & Walkways

- Replace 4'x6' section of raised concrete walkway north of Pre-school classroom

Estimated Cost: $1,000

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- None

b. Playfields & Grass Areas

- Install new turf in the kindergarten area and in the landscaped areas in front of the school
- Upgrade/redo the entire grass playfields
- Implement rodent control measures
- Repair/replace irrigation system for the southwest section of the grass playfields, and the grass areas south of Rm B-21thru B-25, west of Rm 5 and 6, west and south of Rm 19.
- Remove 5 dead trees on the southwest corner of the campus

Estimated Cost: $260,000

c. Playground Equipment

- Replace wood chips/bark softfall material with synthetic rubber surfacing to both upper grades playground equipment located southwest of campus and between the rows of portables)
- Retain concrete pad and curb and repaint/replace old, worn-out/dilapidated play apparatus modules as necessary.

Estimated Cost: $69,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- Remove and replace deteriorated/damaged section of fencing on the southeast corner of campus.
- Repaint wrought iron perimeter fences and gates

Estimated Cost: $11,000

III. UTILITIES

a. Electrical Service

- Clean and service main electrical switchgear (480/277V)
- Upgrade/ replace the main service within the next 5 years. Parts could soon become obsolete.
- Clean and service distribution panels (120/208V)

Estimated Cost: $85,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/completely replace the old existing, non-automatic fire alarm system for the whole campus.

Estimated Cost: $375,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing intrusion/security alarm system with new controls, devices, etc., site wide.
- Upgrade the existing video-surveillance system with new monitors/controls and 10 cameras site wide.

Estimated Cost: $227,000

f. Energy Management System

- Upgrade/replace existing HVAC EMS system with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components site wide.
- Replace existing exterior lighting and parking lot lighting control (timers, clocks, etc.) Connect to the new centralized district EMS system .

Estimated Cost: $110,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in building A (Admin, Library, MPR, Kitchen and Staff Lounge) - 13,358 SF
- Replace built-up roof system in buildings B, C, D, E, F and G classrooms - 23,996 SF

Estimated Cost: $365,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2003.

Estimated Cost: $91,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- Repaint drywall walls in building A (Administration Offices and Library section).
- Install vinyl tack board wall panels in classroom buildings B (Room #K1-K2), C (Room #1-4), D (Room #5-8), E (Room # K3-K4, #19-20), F (Room #9-12) and G (Room #13-16).

Estimated Cost: $152,000

c. Ceilings

- Repaint drywall and acoustic tile ceilings in building A (Admin/Library), and classroom buildings B (Room #K1-K2), C (Room #1-4), D (Room #5-8), E (Room # K3-K4, #19-20), F (Room #9-12) and G (Room #13-16)

Estimated Cost: $73,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixture

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $80,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C units in all permanent buildings site wide—(29 units)

Estimated Cost: $290,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR

- Repaint laminated wood doors, drywall walls and ceilings.
- Sand and refinish wood parquet stage floor.

Estimated Cost: $27,000

b. Kitchen/ Faculty Lounge

- Repaint drywall walls and ceilings of the kitchen.
- Replace epoxy floor coat of the kitchen with ceramic floor tiles.
- Repaint doors, walls and ceilings of the Faculty Lounge (Admin Building)

Estimated Cost: $26,000

c. Restrooms

- Repaint doors, walls and ceilings of all restrooms site wide.
- Replace heavily worn/ stained linoleum flooring of the kitchen staff restroom with ceramic floor tiles.

Estimated Cost: $17,000

d. Portable Classrooms

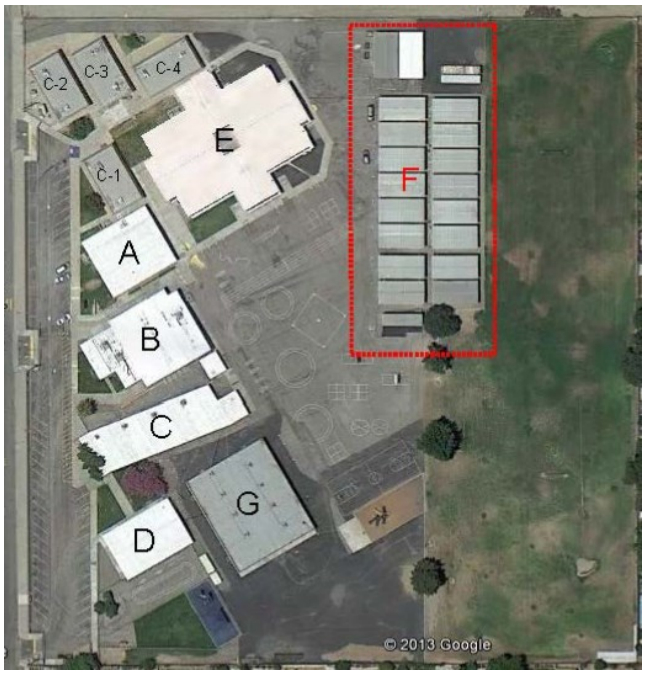
- The school has 12 relocatable classroom (RCR) buildings and no relocatable restroom building. Each RCR, is a typical DSA approved 24ft. x 40ft. metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.
- Room #s B-21 thru B-30 range from 13 to 19 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)
- Room # I-31/ I-32 is a leased relocatable classroom building. Repairs and upgrades are lessor's responsibility.

Estimated Cost: $350,000

Total Estimated Cost: $2,673,000

MAPLE ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Maple Elementary School
751 S. Maple Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	1170*
CALPADS Enrollment (2013/14)	722
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	9.43 acres
Permanent Buildings	
Year first occupied	1963

Classrooms:

Permanent Classrooms	21
Portable Classrooms:	18

Building Area (sqft);

Permanent	24,462 square feet
Portable	24,240 square feet
Total	48,702 square feet

Subsidiary facilities :

Library	2,850 square feet
Multi-Purpose	3,080 square feet
Kitchen	988 square feet

Administration

Offices	2,070 square feet
Staff Breakroom	862 square feet
Staff Workroom	584 square feet

Restrooms Fixtures:

Staff	12
Boys	17
Girls	12

* Capacity based on District loading standards

BACKGROUND

Maple Elementary School opened in September 1963 in a facility comprised of five permanent buildings that housed the administration offices, 14 classrooms, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. The Library/ Classroom building was later added to the school campus. Twenty two relocatable classroom buildings and a relocatable restroom building were later added from 1988 thru 2003 to accommodate increasing student enrollment in the area. As of 2014, the school has 24 permanent classrooms and 22 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 2 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry coat and restripe fire lane north of campus. Repaint curbs.
- Repair/replace the schools marquee sign
- Patch cracks, slurry coat and restripe parking lot west side of campus. Repaint curbs.

Estimated Cost: $88,000

b. Parking Lot & Exterior Lighting

- Upgrade/replace exterior lighting fixtures site wide.
- Install lighting poles and fixtures to parking lot west side of school.

Estimated Cost: $56,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- Patch cracks, slurry seal and re-stripe hardcourts/blacktop areas east side of campus

Estimated Cost: $80,000

b. Playfields & Grass Areas

- Install new backflow valves, main line and wires as needed to eliminate the obsolete hydraulic valves and cross connections

Estimated Cost: $20,000

c. Playground Equipment

- Install additional new play apparatus modules to the upper grades play equipment. Repaint/replace the old, worn-out/dilapidated play apparatus modules as necessary. (Retain concrete pad and curb).
- Replace wood chips/bark softfall material in the upper grades playground equipment with synthetic rubber surfacing material.
- Install 1 additional upper grade playground equipment to adequately meet the needs of the school.
- Repair/spot replace/patch damaged sections of synthetic rubber surfacing material in the kindergarten playground equipment.

Estimated Cost: $153,000

d. Outdoor Shade Structures

- Install a 30ft x 40ft, metal roof, steel frame shade structure to serve as student outdoor lunch area on the east side of the MPR building.
- Repaint lattice in building E quad area.
- Replace torn fabric of the kindergarten shade structure

Estimated Cost: $60,000

e. Perimeter Fencing

- Remove/replace the bent and rusty sections of the chain-link fences around the south, north and east perimeter of the campus.
- Repair and repaint worn-out/rusted section of chain link fencing at the south-east corner of campus.

Estimated Cost: $108,000

III. UTILITIES

a. Electrical Service

- Clean and service main electrical switchgear (480/277V)
- Clean and service the newer distribution panels (120/208V)
- Replace the remaining old (40-year old) distribution panels.

Estimated Cost: $40,000

b. Water

- Upgrade/replace main water service valves, meters, regulators and backflow preventers.
- Replace the old service main line and laterals to buildings

Estimated Cost: $442,000

c. Gas

- Upgrade/replace main gas service valves, meters, regulators and repipe main line

Estimated Cost: $78,000

d. Storm/Sewage

- Replace main, connect to city sewer system and abandon septic tank system
- Upgrade/replace old sewage collection and piping system mains and laterals to buildings

Estimated Cost: $444,000

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/replace the remaining old initiating devices (pull-down switches, smoke and heat detectors) and notification appliances (bells, horns and strobes)
- Replace defective wirings in some buildings as needed

Estimated Cost: $150,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Install clocks and bells to C1-C4 permanent modular classrooms .

Estimated Cost: $10,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade the existing video-surveillance system with new monitors/controls and 10 cameras site wide

Estimated Cost: $266,000

f. Energy Management System (EMS)

- Upgrade/replace existing HVAC EMS (with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components for 22 rooftop units

- Upgrade/replace exterior lighting control (time clocks, etc.) - wires, rigid conduits, weather tight boxes, control boards and components site wide. Connect to the new district centralized EMS.

Estimated Cost: $140,000

V. BUILDING ENVELOPE

a. Roofing

- None

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2005

Estimated Cost: $94,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

Estimated Cost: $60,000

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet floor coverings in the Admin/Library

Estimated Cost: $26,000

b. Walls

- Repaint drywall walls in building A (Administration office).
- Install vinyl tack board wall panels in classroom buildings E (Room #5-14) and G (Room # 15-20, Library).

Estimated Cost: $114,000

c. Ceilings

- Repaint acoustic tile ceilings in buildings C (Pre-school, Room #2-4), E (room #5-14) and G (Room #15-20, Library). Replace ceiling tiles building D (K1-K2).

Estimated Cost: $65,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Remove T-12 lighting fixtures in building C1, C2 and C3 and replace with T-5.
- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts.

Estimated Cost: $96,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace split A/C units in building C (Pre-school, Room #2-4) and D (Room #K1 -K2) - 9 units
- Replace package A/C units in building E (Room #7-14) - 10 units
- Replace package A/C units in building B (MPR/Cafeteria) - 1 unit

Estimated Cost: $220,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Cafeteria

- Repaint metal doors, drywalls and acoustic tile ceilings
- Sand and refinish wooden stage floor

Estimated Cost: $27,000

b. Kitchen

- Replace wooden doors, repaint plaster walls and ceilings
- Install ceramic tiles on walls
- Replace VCT tile floors of the Faculty Lounge (Admin Building)

Estimated Cost: $17,000

c. Restrooms

- Repaint doors, walls and ceilings of all restrooms site wide.
- Upgrade the men and women's restrooms in building B (MPR). Install new ceramic tile floors and walls, phenolic partitions, sinks, urinals and water closets.
- Replace vinyl flooring of the kiddie restrooms in building D (Room K1-K2) with ceramic tiles.
- Replace metal partitions in the Boys and Girls restrooms in building E (Room #7 -14) and G (Room #15-20) with phenolic partitions.
- Construct a restroom in the kitchen or directly accessible from the kitchen for kitchen staff use.

Estimated Cost: $83,000

d. Portable Classrooms

The school has 17 relocatable classroom (RCR) buildings and 1 relocatable restroom building. Each RCR, is a typical DSA approved 24ft. x 40ft. metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

- Room #s T-15 and T-16 are over 24 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old buildings and replace with new relocatable classroom buildings
- Room #s 17 thru 32 range from 13 to 17 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

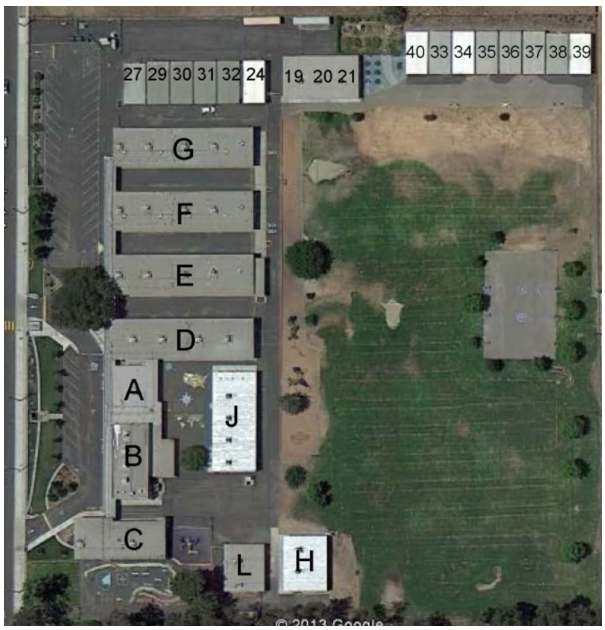
- The relocatable restroom building is 24 years old. Complete floor, wall, ceilings and fixtures upgrades (linoleum floors and FRP walls to ceramic tiles, metal partitions to phenolic, etc.) is anticipated to cost more than 50% of the cost of a new relocatable restroom. Remove old building and replace with new relocatable restroom building

  Estimated Cost: $839,000

Total Estimated Cost: $3,776,000

NORTH TAMARIND ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



North Tamarind Elementary School
7961 Tamarind Ave
Fontana, CA 92336

Enrollment Data:

Capacity:	990*
CALPADS Enrollment (2013/14)	585
Grades	K-6

Facilities Inventory

Site:

Site Acreage (net usable)	9.55 acres
Permanent Buildings	
Year first occupied	1951

Classrooms:

Permanent Classrooms	21
Portable Classrooms:	12

Building Area (sqft);

Permanent	26,123 square feet
Portable	13,440 square feet
Total	39,563 square feet

Subsidiary facilities :

Library	1,600 square feet
Multi-Purpose	2,100 square feet
Kitchen	920 square feet

Administration

Offices	1,084 square feet
Staff Breakroom	1,170 square feet
Staff Workroom	960 square feet

Restrooms Fixtures:

Staff	6
Boys	29
Girls	13

* Capacity based on District loading standards

BACKGROUND

North Tamarind Elementary School opened in September 1951 in a facility comprised of seven permanent buildings that housed the administration offices, 18 classrooms, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. In subsequent years, a four classroom building, and a modular pre-school building were added to the school campus. Fourteen relocatable classroom buildings, a relocatable library building and a relocatable restroom building were later added from 1968 thru 1997 to accommodate increasing student enrollment in the area. As of 2014, the school has 26 permanent classrooms and 14 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal, restripe and repaint curbs on parking lots and drop-off areas west side of school.
- Patch cracks, slurry seal, restripe and repaint curbs of all 3 driveways west side of school.
- Patch cracks, slurry seal, restripe and repaint curbs of fire lanes east, and north of school site

Estimated Cost: $53,000

b. Parking Lot & Exterior Lighting

- Install new pole lighting system in the parking lots
- Install new exterior lighting site wide

Estimated Cost: $201,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- Patch cracks, slurry seal and restripe hardcourt and blacktop areas.
- Investigate and repair poor drainage in the kindergarten yard

Estimated Cost: $37,000

b. Playfields & Grass Areas

- Upgrade/redo the entire grass playfields
- Relocate controllers and eliminate hydraulic valves
- Upgrade/replace irrigation controllers (2 units - 48 station controllers)

Estimated Cost: $216,000

c. Playground Equipment

- Reconstruct the existing upper grade play equipment into two separate upper grade play equipment units. Set new concrete curbs on-grade and allocate space between the two new units to be paved and used as student access walk-way to the grass playfields.
- Replace wood chip/bark softfall material in both upper grades playground equip-ment with synthetic rubber surfacing.
- Replace old dilapidated play equipment modules with new modules and install new additional modules to adequately meet the needs of students.

Estimated Cost: $158,000

d. Outdoor Shade Structures

- Install a 30 ft x 40 ft, metal roof, steel frame shade structure/ student outdoor lunch area on the east side of the MPR building.

  Estimated Cost: $60,000

e. Perimeter Fencing

- Replace damaged section of chain link fencing and gates on the south central and southeast corner of the site.
- Replace the damaged sections of the south perimeter chain link fence and gates of the campus.

  Estimated Cost: $50,000

III. UTILITIES

a. Electrical Service

- Clean and service main electrical service (480/277V)
- Clean and service distribution panels (120/208V)

  Estimated Cost: $10,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/replace the head-end components of the existing fire alarm system for the whole campus.
- Install new initiating devices (pull-down switches, smoke and heat detectors) and notification appliances (horns & strobes)

Estimated Cost: $128,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace the old Master Clock and Bell system

Estimated Cost: $50,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade the existing intrusion/security alarm system
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide

Estimated Cost: $242,000

f. Energy Management System

- Upgrade/replace existing HVAC EMS with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components site wide.
- Upgrade/replace exterior lighting controls (ALAC, photocell and time clocks) site wide - wires, rigid conduits, weather tight boxes, control boards and components. Connect to the district's centralized EMS.

Estimated Cost: $80,000

V. BUILDING ENVELOPE

a. Roofing

- Repair built-up roof system in building A (Administration offices) and B (MPR/ Kitchen) - 15,000 SF
- Replace built-up roof system in building D (Room 3-6), E (Room #7-10), F (Room #11-14) and G (Room #15-18) - 29,800 SF
- Repair built-up roof system in building L (Room #45) and H (Library) - 5,200 SF
- Restore built-up roof system in building C (Room #K1-K2) - 4,375 SF

Estimated Cost: $391,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2005

Estimated Cost: $95,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

Estimated Cost: $230,000

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- Repaint walls of the building A (Admin offices), C (Room #K1-K2), D (Room #3-6), E (Room #7-10) and F (Room #11-14).

  Estimated Cost: $48,000

c. Ceilings

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

  Estimated Cost: $86,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C units in building A (Administration) - 1 unit
- Replace package A/C units in building B (MPR/Cafeteria) - 4 units

Estimated Cost: $50,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Cafeteria

- Replace lighting fixtures in the MPR building
- Repaint doors, drywall walls and ceilings
- Replace VCT tile flooring in the main hall and stage.

Estimated Cost: $39,000

b. Kitchen/Faculty Lounge

- Repaint hollow metal doors
- Repaint Faculty Lounge doors, walls and ceilings. Replace VCT tile floors.

Estimated Cost: $10,000

c. Restrooms

- Repaint doors, drywall walls and ceilings of all restrooms site wide.
- Replace FRP partitions in the Girls restroom of building F (Room #7-10) with phenolic partitions.
- Replace linoleum floors and FRP walls in building I (Room #19-21) with ceramic tile floors and walls.

Estimated Cost: $37,000

d. Portable Classrooms

The school has 15 relocatable classroom (RCR) buildings and 1 relocatable re-stroom building. With the exception of the Library, which is a 1600 sq. ft. building, each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

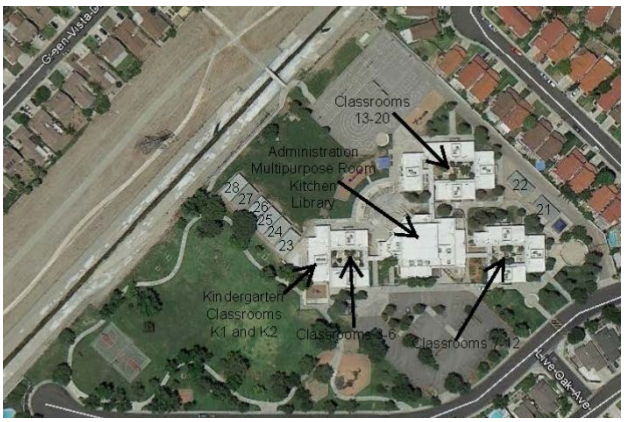
- Room #s 24, 27, and 29 thru 32 are over 25 years old. The Library is 48 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old buildings and replace with new relocatable classroom buildings
- Room #s 33 thru 40 are 17 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)
- The relocatable restroom building is 23 years old. The building was upgraded in recent years.

Estimated Cost: $959,000

Total Estimated Cost: $3,230,000

OAK PARK ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Oak Park Elementary School
14200 Live Oak Ave
Fontana, CA 92337

Enrollment Data:

Capacity:	690*
CALPADS Enrollment (2013/14)	523
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	6.0 acres
Permanent Buildings	
Year first occupied	1989

Classrooms:

Permanent Classrooms	16
Portable Classrooms:	7

Building Area (sqft);

Permanent	19,455 square feet
Portable	7,680 square feet
Total	27,135 square feet

Subsidiary facilities :

Library	2,496 square feet
Multi-Purpose	3,560 square feet
Kitchen	943 square feet

Administration

Offices	2,070 square feet
Staff Breakroom	350 square feet
Staff Workroom	196 square feet

Restrooms Fixtures:

Staff	6
Boys	8
Girls	6

* Capacity based on District loading standards

BACKGROUND

Oak Park Elementary School opened in December 1989 in a facility comprised of eleven permanent buildings that housed the administration offices, 20 classrooms, a multipurpose room/cafeteria, a kitchen, a library, faculty workrooms and restrooms. Eight relocatable classroom buildings were later added from 1989 thru 1997 to accommodate increasing student enrollment in the area. As of 2014, the school has 21 permanent classrooms and 8 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 4 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Repair cracks, slurry coat and restripe parking lot, driveways and drop-off areas
- Repair cracks, slurry seal and restripe fire lane northeast of campus
- Repaint curbs and markings

Estimated Cost: $66,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- Patch cracks, slurry seal and restripe hardcourts and blacktop areas

Estimated Cost: $38,000

b. Playfields & Grass Areas

- Upgrade/redo the entire grass playfields
- Upgrade/replace irrigation controllers (1 unit - 48 station controllers)

Estimated Cost: $58,000

c. Playground Equipment

- Replace wood chips/bark softfall material in the 2 upper grade playground equipment with synthetic rubber surfacing material. Retain existing play equipment modules, concrete pad and curb
- Replace the old, worn/dilapidated kindergarten playground equipment modules with new equipment. Retain existing concrete pad and curb.

Estimated Cost: $92,000

d. Outdoor Shade Structures

- Remove and replace weathered/dry-rot wood trellis structure over the covered seating area northeast of MPR.

Estimated Cost: $30,000

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean and service main electrical switchgear (480/277V)
- Clean and service distribution panels (120/208V)

Estimated Cost: $10,000

b. Water

- None

c. Gas

- Relocate all gas pressure regulators from vaults to above ground

Estimated Cost: $30,000

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/complete replacement of the existing, non-automatic fire alarm system for the whole campus

Estimated Cost: $375,000

b. Phone System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide

Estimated Cost: $200,000

f. Energy Management System

- Upgrade/replace existing HVAC EMS with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components for 28 rooftop unit

- Upgrade/replace existing exterior lighting and parking lot lighting control system - (EMS, time clocks, etc.). Connect to the district's new centralized EMS.

Estimated Cost: $170,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in Administration, Library, MPR and Kitchen building (14,105 SF)

- Replace built-up roof system in Rooms #7 thru #20 classroom buildings (22,425 SF)

- Replace built-up roof system in rooms #K1/K2 and #3-6 classroom buildings (10,125 SF)

Estimated Cost: $536,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2001

  Estimated Cost: $80,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- None

c. Ceilings

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $70,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C units in Classroom buildings Rooms K1-K2, 3-20 (20 units)
- Replace package A/C units in Admin/MPR building (8 units)

Estimated Cost: $280,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Cafeteria

- Replace the old stage lighting system and controls
- Upgrade/replace the old Public Address (PA)/ Sound system with new wireless PA system

Estimated Cost: $20,000

b. Kitchen/Faculty Lounge

- Replace VCT floors in the kitchen with ceramic floor tiles. Install ceramic wall tiles and replace vinyl flooring with tiles.

- Repaint doors, walls and ceilings in the Faculty Lounge (Admin building). Replace VCT floor tiles with new.

Estimated Cost: $41,000

c. Restrooms

- Repaint doors and ceilings of all restrooms site wide.

- Replace dilapidated metal partitions in the boys and girls restrooms of classroom buildings (Room #11-12) and (Room #17-18) with phenolic panels.

- Replace rusty/stained sinks & faucets in the boys and girls restrooms of classroom buildings (Room #11-12) and (Room #17-18) with new.

Estimated Cost: $28,000

d. Portable Classrooms

The school has 8 relocatable classroom (RCR) buildings and no relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.

- Room #s 21 and 22 are over 25 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old buildings and replace with new relocatable buildings.

- Room #s 23 thru 28 are 17 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

Estimated Cost: $404,000

Total Estimated Cost: $2,537,000

OLEANDER ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Oleander Elementary School
8650 Oleander Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	1140*
CALPADS Enrollment (2013/14)	943
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	8.98 acres
Permanent Buildings	
Year first occupied	1955

Classrooms:

Permanent Classrooms	23
Portable Classrooms:	15

Building Area (sqft);

Permanent	27,928 square feet
Portable	17,280 square feet
Total	45,208 square feet

Subsidiary facilities :

Library	1,884 square feet
Multi-Purpose	3,014 square feet
Kitchen	759 square feet

Administration

Offices	1,605 square feet
Staff Breakroom	960 square feet
Staff Workroom	0 square feet

Restrooms Fixtures:

Staff	5
Boys	16
Girls	12

* Capacity based on District loading standards

BACKGROUND

Oleander Elementary School opened in September 1955 in a facility comprised of nine permanent buildings that housed the administration offices, 29 classrooms, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. Seventeen relocatable classroom buildings, a relocatable faculty lounge building and a relocatable restroom building were later added from 1989 thru 2004 to accommodate increasing student enrollment in the area. As of 2014, the school has 29 permanent classrooms and 18 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 4 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal, & restripe parking lot, drop-off area and driveways north east of campus
- Repair cracks, slurry seal and restripe fire lane north and west of campus
- Repaint curbs and markings

Estimated Cost: $51,000

b. Parking Lot & Exterior Lighting

- Upgrade/replace the old exterior lighting fixtures

Estimated Cost: $14,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- Patch cracks, slurry seal and restripe hardcourts/blacktop areas

Estimated Cost: $58,000

b. Playfields & Grass Areas

- Upgrade/redo the playfields completely, install new irrigation system, re-grade, mulch, seed and fertilize.
- Upgrade/replace irrigation controllers (2 units - 48 station controllers)

Estimated Cost: $226,000

c. Playground Equipment

- Replace old and dilapidated upper grade play equipment south of school site. Replace wood chips/bark softfall material with synthetic rubber surfacing. Retain existing concrete pad and curb

Estimated Cost: $69,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean and service main electrical switchgear (480/277V)
- Clean and service the newer distribution panels
- Replace the remaining old distribution panels (120/208V)

Estimated Cost: $30,000

b. Water

- Upgrade/replace main water service valves, meters, regulators and backflow preventers
- Repipe service main line and laterals to buildings

Estimated Cost: $469,000

c. Gas

- None

d. Storm/Sewage

- Upgrade/replace old sewage collection and piping system mains and laterals to buildings

Estimated Cost: $474,000

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing intrusion/security alarm system
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide

Estimated Cost: $269,000

f. Energy Management System

- Upgrade/replace existing HVAC EMS with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components for 38 devices
- Upgrade/replace exterior lighting and parking lot lighting controls (EMS, time clocks, etc.). Connect to the district's new centralized EMS.

Estimated Cost: $220,000

V. BUILDING ENVELOPE

a. Roofing

- None

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2005

  Estimated Cost: $105,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

  Estimated Cost: $380,000

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet and VCT floor finishes in the Library and classrooms #14-16 and #21-24.

  Estimated Cost: $105,000

b. Walls

- Repaint Admin/Library walls.
- Install vinyl tack board wall panels in classrooms K1-K3, #3-6, #9-12, #13-16, #17-20, #21-24 and #26-30.

  Estimated Cost: $172,000

c. Ceilings

- Replace ceiling tiles in classrooms K1-K3, #3-6, #9-12, #13-16, #17-20, #21-24 and #26-30

Estimated Cost: $189,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $96,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- None

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Cafeteria

- None

b. Kitchen

- Repaint doors, drywall walls and ceilings
- Replace floor finishes with ceramic floor tiles
- Replace old lighting fixtures with new T8 lighting fixtures.
- Upgrade/replace sinks/wash tubs, range hoods, sewage, drain and plumbing systems.

Estimated Cost: $140,000

c. Restrooms

- Repaint doors, drywall walls and ceilings of all restrooms site wide.
- Upgrade Nurse restroom to ceramic tile floors and walls
- Replace metal partitions, sinks and faucets in the boys and girls restrooms in the permanent buildings site wide with phenolic partitions, new sinks & faucets.

Estimated Cost: $65,000

d. Portable Classrooms

- The school has 18 relocatable classroom (RCR) buildings and 1 relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

- Room # 33 and the Faculty Lounge are over 25 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old buildings and replace with new relocatable classroom buildings

- Room #s 34 thru 49 range from 13 to 17 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

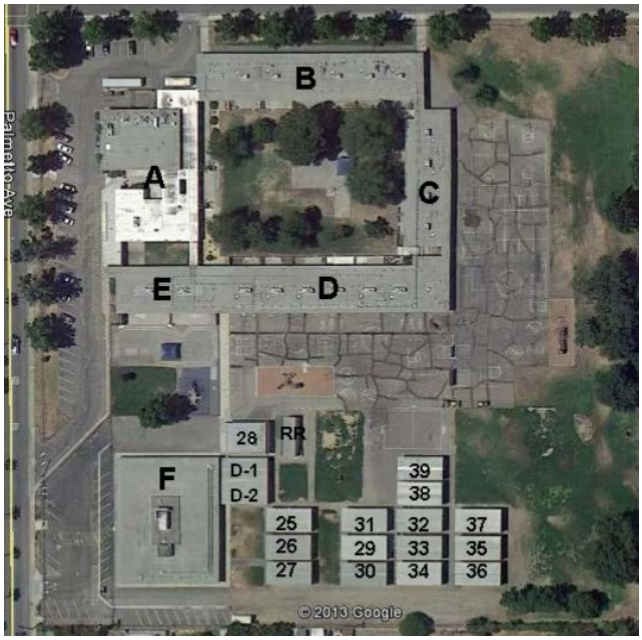
- The relocatable restroom building is 23 years old. Complete floor, wall, ceilings and fixtures upgrades (linoleum floors and FRP walls to ceramic tiles, metal partitions to phenolic, etc.) is anticipated to cost more than 50% of the cost of a new relocatable restroom. Remove old building and replace with new relocatable restroom building.

  Estimated Cost: $839,000

Total Estimated Cost: $3,971,000

PALMETTO ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Palmetto Elementary School
9325 Palmetto Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	1050*
CALPADS Enrollment (2013/14)	974
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	8.89 acres
Permanent Buildings	
Year first occupied	1958

Classrooms:

Permanent Classrooms	22
Portable Classrooms:	13

Building Area (sqft);

Permanent	26,040 square feet
Portable	16,520 square feet
Total	42,560 square feet

Subsidiary facilities :

Library	1,500 square feet
Multi-Purpose	2,537 square feet
Kitchen	1,337 square feet

Administration

Offices	1,788 square feet
Staff Breakroom	496 square feet
Staff Workroom	276 square feet

Restrooms Fixtures:

Staff	5
Boys	28
Girls	20

* Capacity based on District loading standards

BACKGROUND

Palmetto Elementary School opened in September 1958 in a facility comprised of seven permanent buildings that housed the administration offices, 26 classrooms, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. Seventeen relocatable classroom buildings, and a relocatable restroom building were later added from 1987 thru 1997 to accommodate increasing student enrollment in the area. As of 2014, the school has 26 permanent classrooms and 17 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 2 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe 4 entrance driveways north and west of campus
- Slurry seal, restripe and paint curbs in paved sections of the fire lane south of campus. A section of the existing fire lane is unpaved— install asphalt pavement to remaining unpaved sections .

Estimated Cost: $131,000

b. Parking Lot & Exterior Lighting

- Upgrade exterior lighting systems site wide .
- Install 4 light poles in the quad area
- Replace old light poles and fixtures in the parking lot—(6 units)

Estimated Cost: $72,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- Patch, slurry seal and restripe hardcourt/blacktop areas

Estimated Cost: $113,000

b. Playfields & Grass Areas

- Upgrade/redo the playfields completely. Install new irrigation system, re-grade, mulch, seed and fertilize.
- Install isolation valve at the south end of the parking lot on Palmetto Ave.
- Upgrade/replace irrigation controllers (1units - 48 station controllers)

Estimated Cost: $128,000

c. Playground Equipment

- Replace wood chips/bark softfall material in the upper grade playground equipment with synthetic rubber surfacing. Retain existing concrete pad and curb.
- Install 1 additional upper grade playground equipment to meet student needs

Estimated Cost: $108,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- Replace bent and rusted sections of chain link perimeter fence in the north and east sections of the campus with wrought iron/tubular steel fence and gates.
- Install wrought iron/tubular steel fences and gates between buildings in front of school.
- Replace the rusted and bent chain-link fencing around the kindergarten area with wrought iron/tubular steel fence and gates.

Estimated Cost: $77,000

III. UTILITIES

a. Electrical Service

- Clean and service main electrical switchgear (480/277V)
- Clean and service distribution panels (120/208V)

Estimated Cost: $10,000

b. Water

- Upgrade/replace main water service valves, meters, regulators and backflow preventers.
- Re-pipe service main line and laterals to buildings

Estimated Cost: $456,000

c. Gas

- Upgrade/replace main gas service valves, meters, regulators and repipe main line

Estimated Cost: $55,000

d. Storm/Sewage

- Upgrade/replace old sewage collection and piping system mains and laterals to buildings

Estimated Cost: $458,000

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/replace the head-end components of the existing fire alarm system for the whole campus. Install new wires and devices

Estimated Cost: $128,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing intrusion/security alarm system.
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.

Estimated Cost: $254,000

f. Energy Management System

- Upgrade/replace existing HVAC EMS with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components for 38 devices

- Connect exterior lighting and parking lot lighting control systems site wide to the new EMS - wires, rigid conduits, weather tight boxes, control boards and components

Estimated Cost: $220,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in Administration and MPR/Cafeteria buildings (13,350 SF)

- Replace built-up roof system in building F (Library/Rooms # 17 thru 24) - (16,300 SF)

- Replace built-up roof system in building B (Rooms#1 thru 6), C (Room #7 thru 10, D (Rooms #11 thru 16) and E (Rooms K1-K2) buildings — 41,680 SF

Estimated Cost: $809,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 1999

Estimated Cost: $97,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

Estimated Cost: $90,000

d. Exterior Doors

- Replace doors and hardware (locksets, panic devices, closers, etc.) in building F (Room #17—24 and Library)

Estimated Cost: $58,000

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- Install vinyl tack board wall panels in classroom buildings B (Room #1-6), C (room #7-10), D (Room #11-16), E (Room #K1–K2) and F (Room #17-24 and Library).

Estimated Cost: $150,000

c. Ceilings

- Replace adhered ceiling tiles in classroom buildings B (Room #1-6), C (room #7 -10), D (Room #11-16), E (Room #K1–K2) and F (Room #17-24 and Library).

Estimated Cost: $145,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- Replace wooden cabinets and countertops w/ new custom fabricated, laminated plastic finish cabinets and countertops in classroom buildings B (Room #1-6), C (room #7-10), D (Room #11-16), E (Room #K1–K2) and F (Room #17-24 and Library).

Estimated Cost: $426,000

b. Lighting Fixtures

- Upgrade/retrofit classroom lighting fixtures in classroom buildings B (Room #1-6), C (room #7-10) and D (Room #11-16), to T8 lighting fixtures and lamps.
- Replace lighting ballasts in classrooms, offices, workrooms and other spaces previously retrofitted to T8 fluorescent lighting fixtures with compatible 1-2 lamp T8 ballasts.

Estimated Cost: $86,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C units in building E (Room #K1-K2) - 2 units
- Replace package A/C unit in building F (Room # 17-24 and Library) - 1 unit
- Replace package A/C units in building A (Administration Offices) - 5 units
- Replace package A/C units in building A (MPR/Cafeteria) - 4 units.
- Replace heater unit in building A (MPR—Kitchen area) - 1 unit
- Replace evaporator unit in building A (MPR - Pantry) - 1 unit

Estimated Cost: $280,000

e. Plumbing Fixtures

- Replace porcelain sinks in buildings A (Nurse' Room), B (Room #1-6), C (room #7-10), D (Room #11-16), E (Room #K1–K2) and F (Room #17-24) with stainless steel sinks, faucets and bubblers.
- Replace porcelain trough drinking fountains site wide with stainless steel units.

Estimated Cost: $60,000

VIII. MPR AND OTHER FACILITIES

a. MPR

- Upgrade MPR main hall lighting fixtures and lamps to T5 lighting system. Upgrade stage lighting systems and controls.
- Sand & refinish hardwood stage floor.

Estimated Cost: $30,000

b. Kitchen

- Repaint doors, drywall walls and ceilings of the kitchen.
- Upgrade/replace doors, carpets, walls, ceiling tiles, sinks and countertops in the Faculty Lounge (Admin building).

Estimated Cost: $68,000

c. Restrooms

- Repaint doors, drywall walls and ceilings ion all restrooms site wide.
- Upgrade Nurse room to tile, floors and walls. If needed, make ADA accessible.
- Replace doors of the Men and women's restroom in building F (Room #17-24) with hollow metal doors and replace metal partitions to phenolic partitions.

Estimated Cost: $40,000

d. Portable Classrooms

The school has 17 relocatable classroom (RCR) buildings and 1 relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

- Room # 26 and 28 are over 26 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old buildings and replace with new relocatable classroom buildings

- Room #s 25, 27, 29 thru 37, D1 and D2 range from 17 to 18 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

- The relocatable restroom building is 25 years old. Complete floor, wall, ceilings and fixtures upgrades (linoleum floors and FRP walls to ceramic tiles, metal partitions to phenolic, etc.) is anticipated to cost more than 50% of the cost of a new relocatable restroom. Remove old building and replace with new relocatable restroom building

- Room # 38 and 39 are leased relocatable classroom buildings. Repairs and upgrades are lessor's responsibility.

Estimated Cost: $734,000

Total Estimated Cost: $5,283,00

POPLAR ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA

Poplar Elementary School
9937 Poplar Ave
Fontana, CA 92335



Enrollment Data:

Capacity:	990*
CALPADS Enrollment (2013/14)	703
Grades	K-6

Facilities Inventory

Site:

Site Acreage (net usable)	9.55 acres
Permanent Buildings	
Year first occupied	1958

Classrooms:

Permanent Classrooms	20
Portable Classrooms:	13

Building Area (sqft);

Permanent	24,537 square feet
Portable	16,296 square feet
Total	40,833 square feet

Subsidiary facilities :

Library	1,200 square feet
Multi-Purpose	2,960 square feet
Kitchen	448 square feet

Administration

Offices	1,360 square feet
Staff Breakroom	1,389 square feet
Staff Workroom	0 square feet

Restrooms Fixtures:

Staff	8
Boys	26
Girls	16

* Capacity based on District loading standards

BACKGROUND

Poplar Elementary School opened in September 1957 in a facility comprised of seven permanent buildings that housed the administration offices, 18 classrooms, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. In subsequent years, the Library/Computer Lab building, and the Staff Lounge building were added to the school campus. Sixteen relocatable classroom buildings, were later added from 1987 thru 1997 to accommodate increasing student enrollment in the area. As of 2014, the school has 24 permanent classrooms and 16 relocatable classrooms. Outdoor facilities include 2 staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe parking lots west and south of campus
- Patch cracks, slurry seal and restripe all 3 entrance driveways west—in front of school

Estimated Cost: $69,000

b. Parking Lot & Exterior Lighting

- Install 3 new parking lot lighting poles and lighting fixtures.
- Replace deteriorating "Seal-tite" conduit connectors between buildings.

Estimated Cost: $82,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Surry seal and restripe the hard courts and blacktop areas (cracked and faded striping) east and south side of campus

Estimated Cost: $51,000

b. Playfields & Grass Areas

- Install concrete to the front parkway, around the olive trees.
- Upgrade/replace irrigation controllers (1unit - 48 station controllers)
- Restore irrigation system and replant bald section (northern area) of grass playfield east of campus. Replant shrubs, bushes, and/or trees to empty planters site wide.

Estimated Cost: $28,000

c. Playground Equipment

- Replace chipped wood/bark softfall materials in both of the upper grades playground equipment with synthetic rubber surfacing material—retain existing concrete pad and curb.
- Retain the existing concrete pad and curb

Estimated Cost: $43,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- Replace bent and rusted chain link fence in the north perimeter of campus.
- Install wrought iron/tubular steel fencing and gates between buildings in front of school.

Estimated Cost: $26,000

III. UTILITIES

a. Electrical Service

- Replace main switchgear, increase capacity to accommodate individual A/C circuits
- Upgrade the old original distribution panels and sub-panels (120/208V)

Estimated Cost: $75,000

b. Water

- Upgrade/replace main water service valves, meters, regulators and backflow preventers.
- Repipe main service line and laterals to buildings.

Estimated Cost: $442,000

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/replace the head-end components of the existing fire alarm system for the whole campus. Install new wires and devices.

Estimated Cost: $128,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security Alarm system

- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.

Estimated Cost: $242,000

f. Energy Management System

- Upgrade/replace existing HVAC EMS with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components site wide (34 devices).

- Upgrade/replace exterior lighting and parking lot lighting controls site wide. Connect to the new centralized district EMS.

Estimated Cost: $320,000

V. BUILDING ENVELOPE

a. Roofing

- Repair built-up roof system in classroom buildings (Rooms #3 - 6), (Room #7—10), (Room #11-14), and (Room #15-18) - 36,150 SF

- Restore built-up roof system in classroom buildings (Rooms #36—39), (Room #40 - 42) and Pre-School classrooms (Rooms #19-20).—18,040 SF

Estimated Cost: $110,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2004

Estimated Cost: $94,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

Estimated Cost: $500,000

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet and VCT floor finishes in all classroom buildings (Room #K1-K2), (Room #3—6), (Room #7—10), (Room #11—14), (Room #15—18), (Room #19—20), (Room #36—39) and (Room #40—42).

Estimated Cost: $290,000

b. Walls

- Install vinyl tack board panels in classrooms (K1—K2), (Room #19—20), (Room #36—39 and Library) and (Room #40-42)

- Repaint walls of the Administration offices, classrooms (Room #3—6), (Room #7—10), (Room #11—14) and (Room #15—18).

Estimated Cost: $107,000

c. Ceilings

- Repaint ceilings in the Admin Offices and all classrooms site wide. Replace all loose, warped or damaged tiles.

Estimated Cost: $150,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Install new light fixtures in classroom buildings (Room #19—20) and (Room K1—K2).
- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $90,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C unit in Kindergarten building (Room #K1-K2) - 1 unit
- Replace package A/C units in Classrooms (Room #36—39) - 4 units
- Replace split A/C unit in Administration Office—1 unit
- Replace split A/C unit in Administration Building (Data Room) - 1 unit
- Replace package A/C units in the MPR—Pantry Area) - 2 units

Estimated Cost: $138,000

e. Plumbing Fixtures

- Replace old, worn-out porcelain sinks and faucets in classrooms (Room #3-6), (room #7-10), (Room #11-14), (room #15-18), (Room #36-39) and (Room #40-42) with new stainless steel sinks, faucets and bubblers.

Estimated Cost: $32,000

VIII. MPR AND OTHER FACILITIES

a. MPR

- Upgrade main hall lighting fixtures to T5 lighting system
- Replace stage lighting
- Repaint all doors, wood sidings and acoustic tile ceilings. Replace all loose, warped and damaged ceiling tile pieces
- Sand and finish stage wooden floor

Estimated Cost: 34,000

b. Kitchen

- Repaint doors, walls and ceilings.
- Replace ceramic tiles
- Replace carpet/VCT tile floor finishes, paint walls and ceilings in the Faculty Lounge (Room #40)

Estimated Cost: $19,000

c. Restrooms

- Repaint doors, drywall walls and ceilings of all restrooms site wide
- Upgrade Staff and Unisex Restrooms in the Faculty Lounge (Room #40). Replace VCT floor and FRP walls with ceramic tiles, metal partitions with phenolic partitions. Replace water closets, sinks and faucets and urinal with new.
- Upgrade both Unisex Restrooms in the Pre-School building (Room #20). Replace VCT floor and FRP walls with ceramic tiles. Replace water closets, sinks and faucets, lighting fixtures and exhaust fans with new.

Estimated Cost: $95,000

d. Portable Classrooms

The school has 16 relocatable classroom (RCR) buildings and no relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.

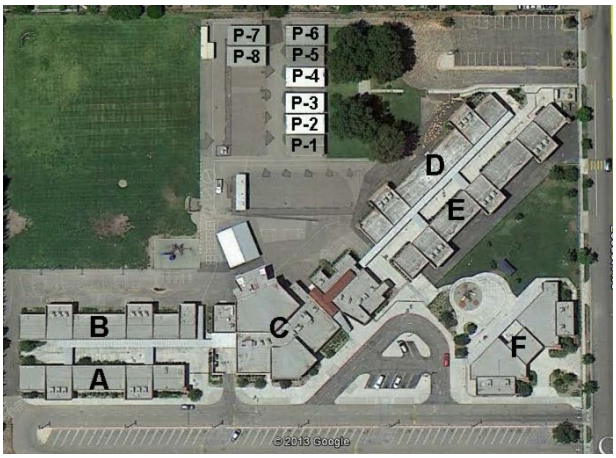
- Room # 26 thru 29 range from 22 to 27 years old. Room 19 and 20 (Special Ed) are 50 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old buildings and replace with new relocatable classroom buildings
- Room #s 22 thru 25, and 30 thru 35, range from 13 to 19 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

Estimated Cost: $932,000

Total Estimated Cost: $4,097,000

PORTER ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Ted J. Porter Elementary School
8330 Locust Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	1110*
CALPADS Enrollment (2013/14)	820
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	10.0 acres
Permanent Buildings	
Year first occupied	2005

Classrooms:

Permanent Classrooms	29
Portable Classrooms:	8

Building Area (sqft);

Permanent	29,878 square feet
Portable	7,680 square feet
Total	37,558 square feet

Subsidiary facilities :

Library	1,085 square feet
Multi-Purpose	2,397 square feet
Kitchen	899 square feet

Administration

Offices	2,576 square feet
Staff Breakroom	961 square feet
Staff Workroom	540 square feet

Restrooms Fixtures:

Staff	9
Boys	20
Girls	14

* Capacity based on District loading standards

BACKGROUND

Porter Elementary School opened in September 1971 on a temporary campus facility. In July 2002, the temporary buildings were demolished and a permanent school facility was constructed in the same location. The new facility was comprised of seven permanent buildings that housed the administration offices, 32 classrooms, a multi-purpose room/cafeteria, a kitchen, a library, faculty workrooms and restrooms. Eight relocatable classroom buildings from the temporary facility were retained and a relocatable restroom building was later added in 2003 to accommodate increasing student enrollment in the area. As of 2014, the school has 32 permanent classrooms and 8 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 2 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe parking lots and drop-off areas northeast and south of campus
- Patch cracks, slurry seal and restripe 4 entrance driveways northeast and south of campus

Estimated Cost: $142,000

b. Parking Lot & Exterior Lighting

- Upgrade/replace all parking lot pole lighting fixtures

Estimated Cost: $20,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry seal and restripe hard courts/blacktop areas

Estimated Cost: $108,000

b. Playfields & Grass Areas

- Upgrade/replace irrigation controllers (3 units - 48 station controllers)
- Restore irrigation system and replant shrubs, flowers and bushes or ground cover to empty planter areas site wide.

Estimated Cost: $34,000

c. Playground Equipment

- Cut-out and replace damaged sections of synthetic rubber surfacing of the upper grades playground equipment unit.
- Construct 1 additional upper grade playground and install complete modular playground equipment modules.
- Replace damaged/heavily stained exterior drinking fountains site wide.

Estimated Cost: $84,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Replace main switchgear, increase capacity to accommodate individual A/C circuits.
- Upgrade/replace distribution panels and sub-panels

Estimated Cost: $75,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace the old Master Clock and Bell system

Estimated Cost: $50,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing intrusion/security alarm system site wide.
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide

Estimated Cost: $242,000

f. Energy Management System

- Upgrade/replace existing HVAC EMS with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components site wide (46 devices).
- Upgrade/replace parking lot lighting controls and exterior lighting control (Douglas) site wide. Connect to the new centralized district EMS.

Estimated Cost: $260,000

V. BUILDING ENVELOPE

a. Roofing

- Restore built-up roof system in building C (Admin, MPR & Kitchen) - 19,800 SF
- Restore built-up roof system in classroom buildings A (Room #A101—A106) and B (Room #B101—B106) - 15,200 SF
- Restore built-up roof system in classroom buildings D (Room #D101—D106 and E (Room #E101—109) - 18,700 SF
- Repair built-up roof system in building F (Room #F101 - F104) - 10,800 SF

Estimated Cost: $324,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 200

Estimated Cost: $107,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- Repaint drywall walls in building C (Administration Offices and Library).
- Install vinyl tack board wall panels in buildings A (Room #A101—A106), B (Room #B101-B106), D (Room #D101-D106), E (Room #E101-109) and F (Room #F101-F104).

Estimated Cost: $188,000

c. Ceilings

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- Replace old won-out cabinets and countertops in the Administration building and the Library with new plastic laminated cabinets and countertops.

Estimated Cost: $76,000

b. Lighting Fixtures

- Upgrade/replace lighting fixtures in the Library
- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballast

Estimated Cost: $114,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- None

VIII. MPR AND OTHER FACILITIES

a. MPR

- Repaint doors and walls
- Repaint acoustic tile ceilings. Replace loose, warped, damaged and/or missing tiles.
- Sand and finish wooden stage floor

Estimated Cost: $15,000

b. Kitchen

- Repaint doors, walls and ceilings.
- Repaint doors, walls and ceilings of the Faculty Lounge (Admin Building)

Estimated Cost: $29,000

c. Restrooms

- None

d. Portable Classrooms

The school has 8 relocatable classroom (RCR) buildings and 1 relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

- Room #s P1 thru P6, and P8 range from 13 to 19 years old. Modernize/ upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

- The relocatable restroom building is leased from Class Leasing. Repairs and upgrades are lessors responsibility

- Room # P7 is leased from relocatable classroom building. Repairs and upgrades are lessor's responsibility

Estimated Cost: $245,000

Total Estimated Cost: $2,113,000

PRIMROSE ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Virginia Primrose Elementary School
751 N. Maple Ave
Fontana, CA 92336

Enrollment Data:

Capacity:	750*
CALPADS Enrollment (2013/14)	570
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	9.0 acres
Permanent Buildings	
Year first occupied	1980

Classrooms:

Permanent Classrooms	8
Portable Classrooms:	17

Building Area (sqft);

Permanent	14,195 square feet
Portable	16,330 square feet
Total	30,515 square feet

Subsidiary facilities :

Library	1,050 square feet
Multi-Purpose	3,187 square feet
Kitchen	814 square feet

Administration

Offices	3,346 square feet
Staff Breakroom	300 square feet
Staff Workroom	384 square feet

Restrooms Fixtures:

Staff	8
Boys	22
Girls	26

* Capacity based on District loading standards

BACKGROUND

Primrose Elementary School opened in September 1980 in a facility comprised of two permanent buildings that housed the administration offices, 18 classrooms, a library, a multi-purpose room/cafeteria, a kitchen, a swimming pool, showers and restrooms. Seventeen relocatable classroom buildings, and a relocatable restroom building were later added during the period from 1994 thru 2001 to accommodate increasing student enrollment in the area. As of 2014, the school has 18 permanent classrooms and 17 relocatable classrooms. Outdoor facilities include staff and visitors parking/ drop-off areas, 2 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Repair cracks, slurry seal, restripe and repaint curbs of the west and south parking area
- Patch cracks, slurry seal, restripe 2 west entrance driveways and 1 north entrance driveways

Estimated Cost: $163,000

b. Parking Lot & Exterior Lighting

- Install new parking lot pole lighting, 3 units) to the southwest parking lot.
- Upgrade/replace exterior lighting system site wide.

Estimated Cost: $82,000

c. Pathways & Walkways

- Install asphalt walkway between the main building (hallway along Rooms 10-12) and the row of portable classrooms, also between play equipment and the row of portable classrooms.
- Connect pavement from cluster of portables to the concrete pavement around play equipment to connect fire lane to hard court areas.

- Cut-out/remove and replace cracked and spalled concrete pavement at south-east corner of the pool building (approx. 100 SF) and southeast of kitchen (approx. 120SF).

  Estimated Cost: $27,000

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Repair cracks, slurry seal and restripe hard court/blacktop areas.
- Cut-out and repave 7 approximately 20 sq. ft. deep indentations in the hard court/blacktop area south of the pool building.

  Estimated Cost: $141,000

b. Playfields & Grass Areas

- Upgrade, re-grade deteriorated/damaged northeast corner of grass playfields, re-seed and fertilize.
- Restore irrigation system and replant shrubs/flowers in planter boxes west side of pre-school, administration offices and library. (facing parking area).

  Estimated Cost: $34,000

c. Playground Equipment

- Replace chipped wood/bark softfall materials in the upper grade playground equipment with synthetic rubber surfacing material. Retain the existing play equipment, concrete pad and curb.
- Construct 1 additional upper grade playground and install complete modular playground equipment modules.

  Estimated Cost: $108,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear
- Clean/service the distribution panels and sub-panels

Estimated Cost: $10,000

b. Water

- Repipe water distribution piping system for the pool room

Estimated Cost: $5,000

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System
   - None

d. Technology/Data
   - See Appendix C—Technology

e. Intrusion/Security

   - Upgrade existing intrusion/security alarm system site wide.

   - Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide

     Estimated Cost: $223,000

f. Energy Management System

   - Upgrade/replace existing HVAC EMS (ALC) with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components site wide (49 devices)

   - Upgrade parking lot and exterior lighting controls (EMS, time clocks, etc.). Connect to the new centralized district EMS.

     Estimated Cost: $225,000

V. BUILDING ENVELOPE

a. Roofing

   - Replace built-up roof system in Main building (Admin, Library, Lockers and Room #1 thru 17) - 30,151 SF

   - Replace built-up roof system in MPR/Kitchen buildings (5,175 SF)

     Estimated Cost: $401,000

b. Siding & Painting

   - Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2000

     Estimated Cost: $62,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings school wide with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

Estimated Cost: $80,000

d. Exterior Doors

- Replace all doors and hardware (locksets, panic devices closers, etc.) in the MPR
- Replace all doors and hardware (locksets, panic devices and closers, etc.) site wide except MPR in 2044

Estimated Cost: $44,000

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- Repaint walls of the Admin Offices, Library and Room #1—17).
- Install vinyl tack board wall panels to all classrooms (Room #1—17), RSP room and CCS Therapy Room.

Estimated Cost: $122,000

c. Ceilings

- Repaint all ceilings in the main building. Replace missing, damaged and/or stained 2x4 acoustic ceiling tiles

Estimated Cost: $106,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Re-wire the interior lighting system to the correct switches
- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts.

Estimated Cost: $80,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C unit in MPR/Cafeteria - Kitchen area (1 unit)
- Replace package A/C units in MPR/Cafeteria Main Hall area (2 units)
- Replace package A/C unit in MPR/Cafeteria - stage area (1 unit)
- Repair, balance system air distribution

Estimated Cost: $205,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR

- Repaint doors, walls and ceilings. Repair/replaces damaged sections of drywall wall.

Estimated Cost: $13,000

b. Kitchen

- Repaint doors, walls and acoustic ceilings
- Replace VCT floor tiles with ceramic tiles.
- Repaint doors, walls and ceilings in the Faculty Lounge (Admin Building)

Estimated Cost: $37,000

c. Restrooms

- Repaint doors, drywall walls and ceilings of all restrooms site wide.

Estimated Cost: $26,000

d. Portable Classrooms

The school has 17 relocatable classroom (RCR) buildings and 1 relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

- Room # 18 thru 29 range from 22 to 25 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old buildings and replace with new relocatable classroom buildings.

- Room #s 30 thru 34, range from 13 to 17 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

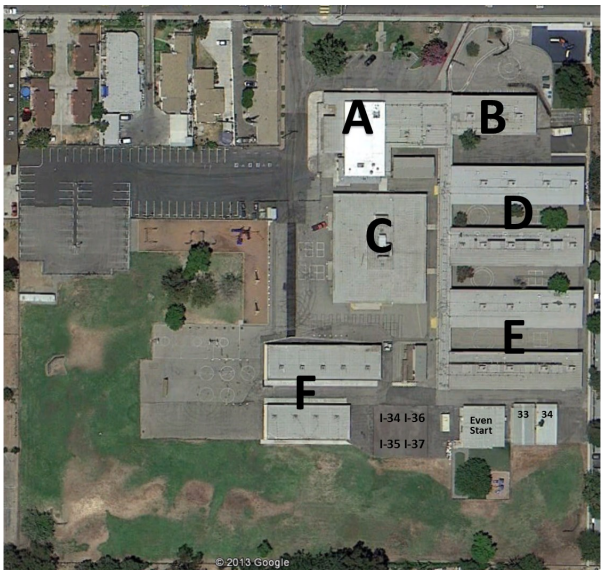
- The relocatable restroom building is leased from Class Leasing. Repairs and up-grades are lessors responsibility

  Estimated Cost: $1,339,000

Total Estimated Cost: $3,398,00

RANDALL PEPPER ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Randall Pepper Elementary School
16613 Randall Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	930*
CALPADS Enrollment (2013/14)	722
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	8.51 acres
Permanent Buildings	
Year first occupied	1951

Classrooms:

Permanent Classrooms	28
Portable Classrooms:	3

Building Area (sqft);

Permanent	32,224 square feet
Portable	4,800 square feet
Total	37,024 square feet

Subsidiary facilities :

Library	1,736 square feet
Multi-Purpose	2,120 square feet
Kitchen	1,268 square feet

Administration

Offices	1,084 square feet
Staff Breakroom	1,275 square feet
Staff Workroom	252 square feet

Restrooms Fixtures:

Staff	8
Boys	33
Girls	16

* Capacity based on District loading standards

BACKGROUND

Randall Pepper Elementary School opened in December 1951 in a facility comprised of seven permanent buildings that housed the administration offices, 26 classrooms, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. In subsequent years, a 5-classroom and a 4-classroom modular building cluster were added to the school campus. Five relocatable classroom buildings, and a relocatable restroom building were later added during the period from 1998 thru 2001 to accommodate increasing student enrollment in the area. As of 2014, the school has 34 permanent classrooms and 5 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal, restripe and repaint curbs on west parking lot and north parking and drop-off area.
- Patch cracks, slurry seal, restripe and repaint curbs to 2 entrance driveways to the parking lots
- Patch cracks, slurry seal, restripe and repaint curbs on fire lane east of campus

Estimated Cost: $89,000

b. Parking Lot & Exterior Lighting

- Upgrade/replace old exterior lighting systems site wide.

Estimated Cost: $12,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry seal and restripe hard courts/blacktop areas.

Estimated Cost: $111,000

b. Playfields & Grass Areas

- Upgrade/redo the playfields completely, install new irrigation system, re-grade, mulch, seed and fertilize
- Convert irrigation system in front of school to electric RCVs (Remote Control Valve) system
- Upgrade/replace irrigation controllers (1 unit - 48 station controllers)

Estimated Cost: $173,000

c. Playground Equipment

- Replace old and dilapidated upper grades play equipment modules and install additional play equipment modules to the west side playground equipment to be adequate for the size and number of students. Replace chipped wood/bark soft fall material with synthetic rubber surfacing. Retain existing concrete pad and curb.
- Replace chipped wood/bark soft fall material in the kindergarten/Even Start playground equipment with synthetic rubber surfacing. Retain

Estimated Cost: $118,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear located outside in the parking lot, west of the kitchen.
- Upgrade/replace the older distribution panels/sub-panels. Clean/service the newer distribution panels/sub-panels

Estimated Cost: $30,000

b. Water

- Upgrade/replace main water service valves, meters, regulators and backflow preventers.
- Re-pipe service main line and laterals to buildings

Estimated Cost: $442,000

c. Gas

- Upgrade/replace main gas service valves, meters and regulators. Re-pipe main service line.

Estimated Cost: $55,000

d. Storm/Sewage

- Upgrade/replace the old sewage collection and piping system mains and laterals to buildings

Estimated Cost: $438,000

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/replace the head-end components of the existing fire alarm system for the whole campus. Install new wires to portable buildings and new devices campus wide

Estimated Cost: $128,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace Master Clock and Bell system

Estimated Cost: $49,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing intrusion/security alarm system site wide
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide

Estimated Cost: $239,000

f. Energy Management System

- Upgrade/replace existing HVAC EMS with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components .
- Upgrade/replace existing parking lot and exterior lighting controls (EMS, time clocks, wirings, etc.). Connect to the new centralized District EMS.

Estimated Cost: $270,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in building A (Admin, MPR & Kitchen) and B (Rooms #1-2) - 15,900 SF
- Replace built-up roof system in building D (Room #3 -10) and E (Room # 11-18) - 36,400 SF
- Repair built-up roof system in building C (Room #19-26) - 16,600 SF

Estimated Cost: $590,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2005

Estimated Cost: $114,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

Estimated Cost: $500,000

d. Exterior Doors

- Replace all doors and hardware (locksets, panic devices, closers, etc.) in building C (Room #19-26 and Library).

Estimated Cost: $58,000

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- Repaint drywall walls in building A (Administration Offices), C (Library) and F (room #F1—F9).

Estimated Cost: $52,000

c. Ceilings

- Repaint adhered acoustic tile ceilings. Replace loose, warped and damaged tiles.

Estimated Cost: $52,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- Replace old wood cabinets, drawers and countertops in building B (Room #1—2 Pre-school), D (Room #3—10) and E (Room #11—18), with plastic laminated wood casework.

Estimated Cost: $274,000

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $112,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C unit in building C (Rm 19-26 and Library) - 1 units
- Replace package A/C unit in building A (Administration Office) - 2 units
- Replace package A/C units in building A (MPR/Cafeteria) - 2 units
- Replace package A/C unit in building A (MPR/Cafeteria - Kitchen Area) - 2 units

Estimated Cost: $205,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR

- Upgrade main hall lighting fixtures
- Upgrade/replace the stage lighting system

Estimated Cost: $41,000

b. Kitchen

- Repaint doors, drywall walls and ceiling tiles
- Repaint doors, walls and ceilings in Faculty Lounge. Replace VCT floor

Estimated Cost: $4,000

c. Restrooms

- Repaint doors, drywall walls & ceilings of all restrooms site wide.
- Replace dilapidate FRP walls of the kitchen staff restroom with ceramic tiles
- Replace metal/wood partitions of the Boys and Girls restroom in building C (Room # 19-26 and Library) with phenolic partitions
- Replace floors & walls w/ tiles, repaint doors and ceilings.
- Upgrade the Boys and Girls restrooms in building F (Room F1—F9). Install ceramic floor and wall tiles, Replace sinks, urinals, water closets, toilet partitions and lighting fixtures with new.

Estimated Cost: $81,000

d. Portable Classrooms

The school has 5 relocatable classroom (RCR) buildings and 1 relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

- The Faculty Lounge/Workroom relocatable building is 26 years old. Considering the age of this building, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building
- Room #s 27A and 27B, 33 and 34, are 13 and 16 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)
- The relocatable restroom building is 25 years old. Complete floor, wall, ceilings

and fixtures upgrades (linoleum floors and FRP walls to ceramic tiles, metal partitions to phenolic, etc.) is anticipated to cost more than 50% of the cost of a new relocatable restroom. Remove old building and replace with new relocatable restroom building.

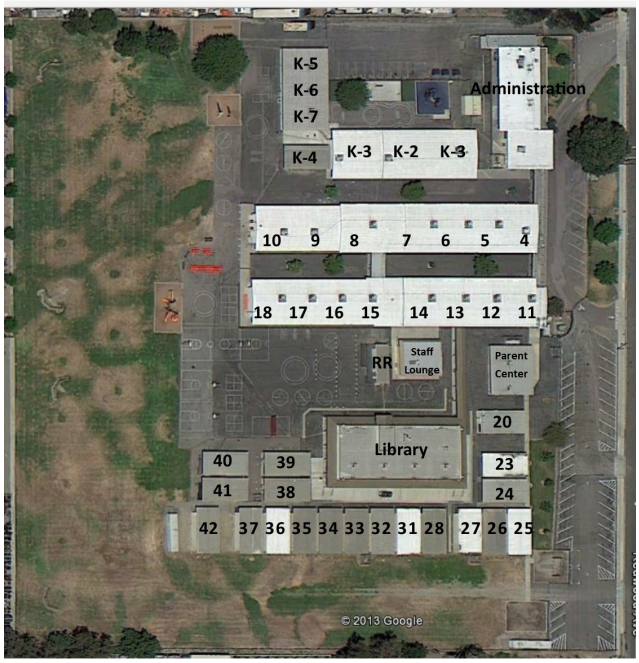
Estimated Cost: $322,000

Total Estimated Cost: $4,559,000

REDWOOD ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA

Redwood Elementary School
8570 Redwood Ave
Fontana, CA 92335



Enrollment Data:

Capacity:	1080*
CALPADS Enrollment (2013/14)	627
Grades	K-6

Facilities Inventory

Site:

Site Acreage (net usable)	9.55 acres
Permanent Buildings	
Year first occupied	1951

Classrooms:

Permanent Classrooms	20
Portable Classrooms:	16

Building Area (sqft);

Permanent	24,848 square feet
Portable	20,360 square feet
Total	45,208 square feet

Subsidiary facilities :

Library	2,250 square feet
Multi-Purpose	2,146 square feet
Kitchen	576 square feet

Administration

Offices	1,200 square feet
Staff Breakroom	1,160 square feet
Staff Workroom	833 square feet

Restrooms Fixtures:

Staff	9
Boys	26
Girls	18

* Capacity based on District loading standards

BACKGROUND

Redwood Elementary School opened in September 1950 in a facility comprised of four permanent buildings that housed the administration offices, 18 classrooms, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. In subsequent years, the library/computer lab building and a 3-classroom modular building cluster were added to the school campus. Twenty one relocatable classroom buildings, and a relocatable restroom building were later added to the campus during the period from 1987 thru 2001 to accommodate increasing student enrollment in the area. As of 2014, the school has 24 permanent classrooms and 21 relocatable classrooms. Out-door facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal, restripe north and east parking lots and drop-off areas. Repaint curbs.
- Patch cracks, slurry seal and restripe all 4 entrance driveways to the parking lots. Repaint curbs.
- Patch cracks, slurry seal and restripe fire lane north of campus. Repaint curbs.

Estimated Cost: $82,000

b. Parking Lot & Exterior Lighting

- Install 4 parking lot pole lights to the parking lot and drop-off areas east of campus.
- Replace deteriorating "Seal-tite" conduit connectors on roofs between buildings (liquid tight conduit connectors)
- Upgrade/replace old exterior lighting systems site wide.

Estimated Cost: $106,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Slurry seal and restripe hard courts/blacktop areas

Estimated Cost: $65,000

b. Playfields & Grass Areas

- Upgrade/replace irrigation controllers (1 unit - 48 station controllers)

Estimated Cost: $18,000

c. Playground Equipment

- Install synthetic rubber surfacing to 2 upper grades playground equipment west side of campus.
- Increase the area of the upper grades playground equipment. Refurbish existing play equipment modules and install new additional play equipment modules in order to adequately meet student needs.
- Replace wood chips/bark softfall material with synthetic rubber surfacing.

Estimated Cost: $88,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- Replace bent and rusted sections of the chain-link fence on the north and south perimeter of school.
- Install wrought iron/tubular steel fencing and gates between the buildings at the front of the school

Estimated Cost: $33,000

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear located outside in the parking lot, in front of school.
- Upgrade/replace the older distribution panels/sub-panels. Clean/service the newer distribution panels/sub-panels

Estimated Cost: $30,000

b. Water

- Upgrade/replace main water service valves, meters, regulators and backflow preventers.
- Re-pipe service main line and laterals to buildings

Estimated Cost: $442,000

c. Gas

- Upgrade/replace main gas service valves, meters, regulators and re-pipe main line

Estimated Cost: $63,000

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/completely replace the existing, old, non-automatic fire alarm system for the whole campus

Estimated Cost: $375,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade/completely replace the existing, old/obsolete intrusion/security alarm system site wide.
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.

Estimated Cost: $262,000

f. Energy Management System

- Upgrade/replace existing HVAC EMS with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components site wide
- Connect all parking lot and exterior lighting systems to the new centralized district EMS.

Estimated Cost: $155,000

V. BUILDING ENVELOPE

a. Roofing

- None

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2005

  Estimated Cost: $91,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

  Estimated Cost: $350,000

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace worn VCT/carpet floor finishes in the Administration building and class-room buildings (Room #4—10), (Room #11—18), (Room #21—22) and (Room #29, 30 & 44).

  Estimated Cost: $211,000

b. Walls

- Repaint drywall walls in the Administration building.

- Install vinyl tack board wall panels in classroom buildings (Room #4—10), (Room #11—18) and (Room #21-22, #29-30).

  Estimated Cost: $115,000

c. Ceilings

- Repaint acoustic tile ceilings in the Administration offices.
- Replace adhered acoustic tile ceiling in the classrooms (Room #K1-K5), (Room #4-10), (Room #11-18) and (Room #21-22, #29-30)

Estimated Cost: $139,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- Replace worn cabinets and countertops in the classrooms (Room #K1-K5), (Room #4-10), (Room #11-18) and (Room #21-22, #29-30) with new plastic laminated wood cabinets and countertops.

Estimated Cost: $380,000

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $80,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C units in the main building (Administration offices, MPR/ Cafeteria and Kitchen) - 4 units

Estimated Cost: $40,000

e. Plumbing Fixtures

- Replace the old sinks and faucets with new stainless steel sinks, faucets and bubblers.

Estimated Cost: $6,000

VIII. MPR AND OTHER FACILITIES

a. MPR/Cafeteria

- Upgrade/replace the main hall lighting fixtures
- Upgrade/replace the old stage lighting equipment
- Repaint doors, walls and ceilings

Estimated Cost: $32,000

b. Kitchen

- Repaint doors, FRP walls and washable ceiling tiles
- Clean ceramic floor tiles
- Repaint doors, walls and ceilings in Faculty Lounge. Replace VCT floor

Estimated Cost: $16,000

c. Restrooms

- Repaint doors, drywall walls and ceilings of all restrooms site wide.
- Replace metal partitions of the Men's and Women's restrooms in classroom building (Room #21-22, #29-30) with phenolic partitions.

Estimated Cost: $25,000

d. Portable Classrooms

The school has 21 relocatable classroom (RCR) buildings and 1 relocatable restroom building. With the exception of Room #48 (Faculty Lounge/Workroom) which is 1,160 sq. ft., each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

- Room # 20, 23 thru 28, and 48 range from 20 to 27 years old. Considering the age of this building, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building

- Room # 31 thru 42 and K4, range from 13 to 18 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

- Relocatable restroom building is 25 years old. Complete floor, wall, ceilings and fixtures upgrades (linoleum floors and FRP walls to ceramic tiles, metal partitions to phenolic, etc.) is anticipated to cost more than 50% of the cost of a new relocatable restroom. Remove old building and replace with new relocatable restroom building.

Estimated Cost: $1,316,000

Total Estimated Cost: $4,520,000

SHADOW HILLS ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Shadow Hills Elementary School
14300 Shadow Drive
Fontana, CA 92337

Enrollment Data:

Capacity:	660*
CALPADS Enrollment (2013/14)	565
Grades	K-5

Facilities Inventory

Site:	
Site Acreage (net usable)	6.0 acres
Permanent Buildings	
Year first occupied	1989
Classrooms:	
Permanent Classrooms	18
Portable Classrooms:	4
Building Area (sqft);	
Permanent	17,602 square feet
Portable	6,720 square feet
Total	24,322 square feet
Subsidiary facilities :	
Library	2,496 square feet
Multi-Purpose	3,560 square feet
Kitchen	943 square feet
Administration	
Offices	2,070 square feet
Staff Breakroom	350 square feet
Staff Workroom	196 square feet
Restrooms Fixtures:	
Staff	6
Boys	11
Girls	8

* Capacity based on District loading standards

BACKGROUND

Shadow Hills Elementary School opened in October 1989 in a facility comprised of ten permanent buildings that housed the administration offices, 18 classrooms, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. Seven relocatable classroom buildings were later added to the campus during the period from 1993 thru 1998 to accommodate increasing student enrollment in the area. As of 2014, the school has 19 permanent classrooms and 7 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry coat and restripe parking lot, driveways and drop-off areas south side of school
- Patch cracks, slurry seal, and restripe all entrance/exit driveways to the parking lot and drop-off area. Repaint curbs and markings.
- Repair cracks, slurry seal and restripe fire lane east of campus. Repaint curbs and markings.

Estimated Cost: $50,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry seal and restripe hard courts and blacktop areas

Estimated Cost: $34,000

b. Playfields & Grass Areas

- Upgrade/replace irrigation controllers (1unit - 48 station controllers)

Estimated Cost: $8,000

c. Playground Equipment

- Replace wood chips/bark soft fall material in both upper grades playground equipment with synthetic rubber surfacing material. (Retain existing play equipment modules, concrete pad and curb).

Estimated Cost: $57,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear
- Clean/service the distribution and sub-panels, 120/208V

Estimated Cost: $10,000

b. Water

- None

c. Gas

- Relocate gas valves from vaults to above ground

Estimated Cost: $30,000

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/completely replace the old, existing, manual/non-automatic fire alarm system for the whole campus

Estimated Cost: $375,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade/replace the old, existing intrusion/security alarm system site wide.
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide

Estimated Cost: $189,000

f. Energy Management System

- Upgrade/replace existing HVAC EMS with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components site wide
- Upgrade/replace the existing parking lot lighting and exterior lighting controls (EMS, time clocks, etc.). Connect to the new centralized district EMS.

Estimated Cost: $160,000

V. BUILDING ENVELOPE

a. Roofing

- Restore built-up roof system in Administration, Library, MPR/Kitchen building—14,650 SF
- Restore built-up roof system in classroom buildings (Room #K1-K2), (Room #3-6), (Room #7-12) and (Room #13-18) - 14,650 SF

Estimated Cost: $175,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2001

Estimated Cost: $74,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- Repaint drywall walls and refinish wood wainscot in the Administration Offices and Library.

  Estimated Cost: $15,000

c. Ceilings

- Repaint acoustic tile ceilings in the Administration Office and Library.

  Estimated Cost: $15,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace/retrofit all T-12 lighting fixtures site wide to T-8 lighting fixtures, ballasts and lamps.

  Estimated Cost: $63,000

c. Technology/Data

- See appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C units in classroom buildings (Rooms #K1-K2), (Room #3-18) - 18 units
- Replace package A/C units in the Administration/Library/MPR building (4 units)

Estimated Cost: $240,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Cafeteria

- Replace the old stage lighting system and controls
- Upgrade/replace the old Public Address (PA) system with new wireless PA system
- Repaint doors, drywall walls and ceilings
- Replace stage floor and ADA lift carpets.

Estimated Cost: $40,000

b. Kitchen

- Repaint doors and ceilings
- Replace vinyl sheet flooring with ceramic tiles
- Repaint doors, walls and ceilings of Faculty Lounge (Admin building)

Estimated Cost: $34,000

c. Restrooms

- Repaint doors, drywall walls and ceilings of restrooms site wide.
- Replace metal partitions of the boys and girls restrooms in classroom buildings (Room #3-6), (Room #7-12) and (Room #13-18) with phenolic partitions. Replace rusted/stained sinks and faucets and rusty steel support brackets.

Estimated Cost: $43,000

d. Portable Classrooms

The school has 7 relocatable classroom (RCR) buildings and no relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.

- Room # 22 thru 24 are 20 years old. Considering the age of this building, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building
- Room # 19 thru21 and 25, range from 16 to 18 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

Estimated Cost: $431,000

Total Estimated Cost: $2,043,000

SIERRA LAKES ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA

Sierra Lakes Elementary School
5740 Avenal Place
Fontana, CA 92336

Enrollment Data:

Capacity:	780*
CALPADS Enrollment (2013/14)	731
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	7.0 acres
Permanent Buildings	
Year first occupied	2002

Classrooms:

Permanent Classrooms	23
Portable Classrooms:	3

Building Area (sqft);

Permanent	25,702 square feet
Portable	3,840 square feet
Total	29,542 square feet

Subsidiary facilities :

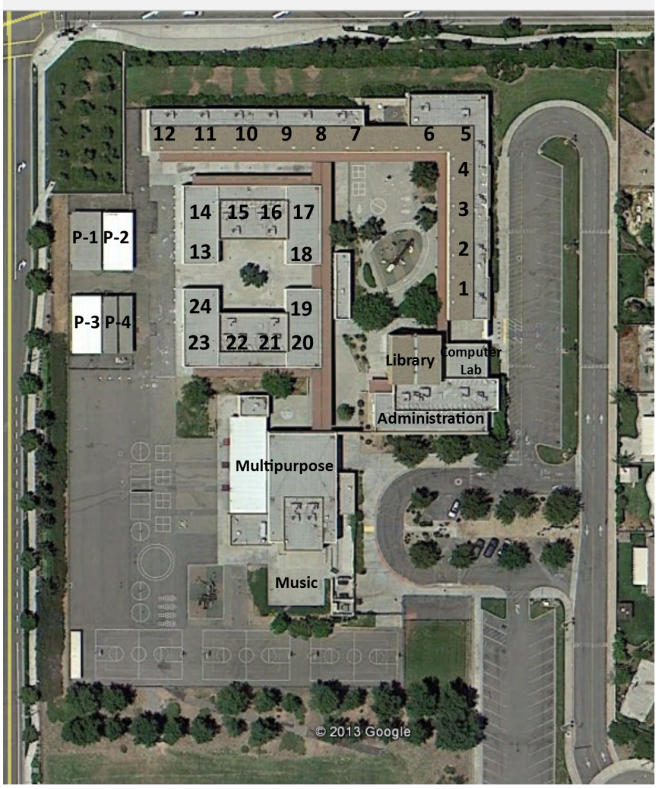
Library	1,226 square feet
Multi-Purpose	3,630 square feet
Kitchen	917 square feet

Administration

Offices	2,752 square feet
Staff Breakroom	640 square feet
Staff Workroom	0 square feet

Restrooms Fixtures:

Staff	11
Boys	11
Girls	6



* Capacity based on District loading standards

BACKGROUND

Sierra Lakes Elementary School opened in July 2002 in a facility comprised of six permanent buildings that housed the administration offices, 24 classrooms, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. Four relocatable classroom buildings were later added to the campus in 2006 to accommodate increasing student enrollment in the area. As of 2014, the school has 31 permanent classrooms and 4 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- None

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

a. Parking & Driveways

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry seal and restripe hard courts/blacktop areas

Estimated Cost: $ 61,000

b. Playfields & Grass Areas

- Upgrade/replace irrigation controllers (4units - 48 station controllers)
- Restore irrigation system and replant grass in bare patches of grass areas south of Rm 23, south of MPR/Kitchen, north of Rm 5 thru 12
- Restore irrigation and replant shrubs and bushes in the sloped areas east, northwest and northeast of the playfields

Estimated Cost: $52,000

c. Playground Equipment

- Replace damaged sections (5 locations) of synthetic rubber surfacing in the existing upper grade playground equipment west and south of MPR/Kitchen building
- Construct 1 additional upper grade playground equipment complete with new play equipment modules and synthetic rubber surfacing

Estimated Cost: $84,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear located outside in the parking lot, in front of school
- Clean/service the distribution panels/sub-panels

Estimated Cost: $10,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/replace the head-end components of the existing fire alarm system for the whole campus. Install new initiating devices (pull-down switches, smoke and heat detectors)

Estimated Cost: $53,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide

Estimated Cost: $25,000

f. Energy Management System

- Upgrade/replace existing HVAC EMS with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and components site wide (37 devices)

- Upgrade/replace existing parking lot and exterior lighting controls (EMS, time clocks). Connect to the new centralized District EMS

Estimated Cost: $155,000

V. BUILDING ENVELOPE

a. Roofing

- Restore built-up roof system in Admin/Library/Computer Lab and MPR/Kitchen building (11,700 SF)

- Restore built-up roof system in classroom buildings (Room #1-6), (Room #7-12) and (Room #13-24_ - 20,400 SF

Estimated Cost: $275,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2002

Estimated Cost: $101,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- Repaint drywall walls of the Administration Office and Library.
- Install vinyl tack board wall panels in the classrooms (Room #1-4), (Room #5-12), (Room #13-18) and (Room #19-24)

Estimated Cost: $148,000

c. Ceilings

- Repaint drywall and acoustic tile ceilings in the Administration Offices and Library, classrooms (Room #1-4), (Room #5-12), (Room #13-18) and (Room #19-24). Replace loose, warped and damaged ceiling tiles.

Estimated Cost: $66,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, workrooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $102,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- None

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Cafeteria

- Repaint doors and drywall walls.

Estimated Cost: $6,000

b. Kitchen

- Repaint doors, drywalls and ceilings
- Repaint doors, walls and ceilings in Faculty Lounge (Admin)

Estimated Cost: $9,000

c. Restrooms

- Repaint doors, drywall walls and ceilings of all restrooms site wide.

Estimated Cost: $16,000

d. Portable Classrooms

The school has 4 relocatable classroom (RCR) buildings and no relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.

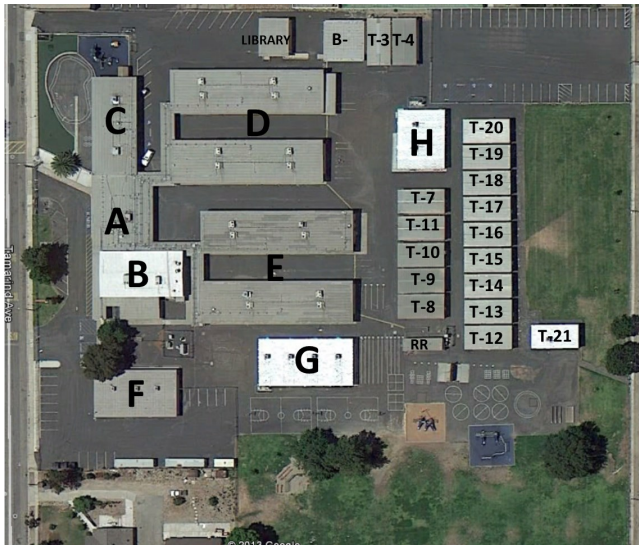
- Room # P1 thru P4 are newer (less than 10 years old) buildings with relatively minor replacement and upgrade needs.

Estimated Cost: $0

Total Estimated Cost: $1,163,000

SOUTH TAMARIND ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



South Tamarind Elementary School
8561 Tamarind Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	1170*
CBEDS Enrollment (2013/14)	751
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	8.54 acres
Permanent Buildings	
Year first occupied	1951

Classrooms:

Permanent Classrooms	23
Portable Classrooms:	16

Building Area (sqft);

Permanent	25,358 square feet
Portable	17,280 square feet
Total	42,638 square feet

Subsidiary facilities :

Library	2,400 square feet
Multi-Purpose	2,120 square feet
Kitchen	920 square feet

Administration

Offices	1,084 square feet
Staff Breakroom	960 square feet
Staff Workroom	960 square feet

Restrooms Fixtures:

Staff	4
Boys	21
Girls	14

* Capacity based on District loading standards

BACKGROUND

South Tamarind Elementary School opened in December 1951 in a facility comprised of seven permanent buildings that housed the administration offices, 18 classrooms, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. In subsequent years, the library building, a 3-clssroom building and a 4-classroom modular building cluster were added to the school campus. Seventeen relocatable classroom buildings and a relocatable restroom building were later added to the campus during the period from 1964 thru 2007 to accommodate increasing student enrollment in the area. As of 2014, the school has 26 permanent classrooms and 17 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveway

- Patch cracks, slurry seal and restripe parking lots and drop-off area north and west side of campus. Repaint curbs.
- Patch cracks, slurry seal, and restripe 4 west side entrance driveways and 1 northeast entrance driveway. Repaint curbs.
- Patch cracks, slurry seal and restripe fire lanes south and east side of campus

Estimated Cost: $93,000

b. Parking Lot & Exterior Lighting

- Install 8 units of new parking lot pole lights to the north, west and south parking and drop-off areas in campus.
- Upgrade/replace all exterior lighting site wide.

Estimated Cost: $97,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry seal & restripe hard courts and blacktop areas south side of campus

Estimated Cost: $127,000

b. Playfields & Grass Areas

- None

c. Playground Equipment

- Cut out and replace damaged sections of synthetic rubber surfacing on the southeast and the northwest (kinder) play equipment area.
- Replace the wood chips/bark softfall material in the upper grade playground equipment with synthetic rubber surfacing material. Retain the play equipment, concrete pad and curb.

Estimated Cost: $34,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- Replace bent and rusted sections of cyclone wire/chain link perimeter fencing north, east and west side of school.
- Install wrought iron/tubular steel fence and gates between the buildings at the front of the school
- Install wrought iron/tubular steel fence and gates around the kindergarten play yard in front of the school

Estimated Cost: $56,000

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear
- Upgrade/replace the older distribution panels/sub-panels
- Clean/service the newer distribution panels/sub-panels

Estimated Cost: $30,000

b. Water

- Upgrade/replace main water service valves, meters, regulators and backflow preventers.
- Re-pipe service main water line and laterals to buildings

Estimated Cost: $442,000

c. Gas

- Upgrade/replace main gas service valves, meters, regulators and re-pipe main line

Estimated Cost: $55,000

d. Storm/Sewage

- Upgrade/replace old sewage collection and piping system mains and laterals to buildings

Estimated Cost: $444,000

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/replace the head-end components of the existing fire alarm system for the whole campus.
- Replace the remaining old conduits, wirings and initiating devices (pull-down switches, smoke and heat detectors) as needed

Estimated Cost: $128,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace Master clock and bell System

Estimated Cost: $54,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade/replace the existing old intrusion/security alarm system site wide.
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide

Estimated Cost: $258,000

f. Energy Management System

- Upgrade/replace existing HVAC EMS with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and other components site wide (34 devices)

- Upgrade/replace all parking lot and exterior lighting controls (EMS, time clocks, etc.). Connect to the new centralized district EMS .

Estimated Cost: $200,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in building A (Administration Office), B (Cafeteria/ Kitchen), C (Rm #K1-K2), D (Rm #K3/K4 - 10), E (Rm #11-18) and F (Rm #19-21) buildings (49,900 SF)

Estimated Cost: $590,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2004

Estimated Cost: $91,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

Estimated Cost: $305,000

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- Repaint drywall walls in building A (Administration)
- Install vinyl tack board wall panels in classroom buildings C (Room #K1-K2), D (Room #K3/K4, #5-10) and E (Room #11-18)

Estimated Cost: $98,000

c. Ceiling

- Repaint drywall and acoustic tile ceilings in Administration building and classroom buildings C (Room #K1-K2), D (Room #K3/K4, #5-10) and E (Room #11-18)

Estimated Cost: $48,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- Replace worn cabinets/countertops in the Nurse's Room with new plastic laminated cabinets and countertops.
- Replace worn cabinets/countertops in the classroom buildings C (Room #K1-K2), D (Room #K3/K4, #5-10) and E (Room #11-18) with new plastic laminated cabinets and countertops.

Estimated Cost: $280,000

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, workrooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $86,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C unit in classroom wings C (Room #K1-K2), D (Room #K3-K4, #5-10), E (Room #11-18), F (Room #19-21) & G (Room #22-25) - 23 units
- Replace package A/C unit in wing H (Library, Media Center) - 2 units
- Replace package A/C unit in wing A (Administration Office) - 1 unit
- Replace package A/C units in wing B (MPR/Cafeteria, Kitchen) - 2 units
- Replace split A/C units in the Data Equipment rooms— 2 units

Estimated Cost: $335,000

e. Plumbing Fixtures

- Replace sinks, faucets & bubblers in classroom buildings C (Room #K1-K2), D (Room #K3-K4, #5-10) and E (Room #11-18)

Estimated Cost: $30,000

VIII. MPR AND OTHER FACILITIES

a. MPR/Cafeteria

- Repaint doors, drywall walls and ceilings

Estimated Cost: $10,000

b. Kitchen

- None

c. Restrooms

- Repaint doors, drywall walls and ceilings in all restrooms site wide
- Upgrade the Men's and Women's restrooms in building F (Room 19—21). Install ceramic floor and wall tiles, Replace sinks, urinals, water closets, toilet partitions and lighting fixtures with new.

Estimated Cost: $56,000

d. Portable Classrooms

The school has 17 relocatable classroom (RCR) buildings and 1 relocatable restroom building. With the exception of Room #B1 (Preschool) which is 1,320 sq. ft., each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

- Room # T3, T4 and T8 thru T10 are 25 years old. Room # B1 is 50 years old. Considering the age of this building, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building
- Room # T7, T11, T12 thru T19, range from 13 to 17 years old. Modernize/ upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

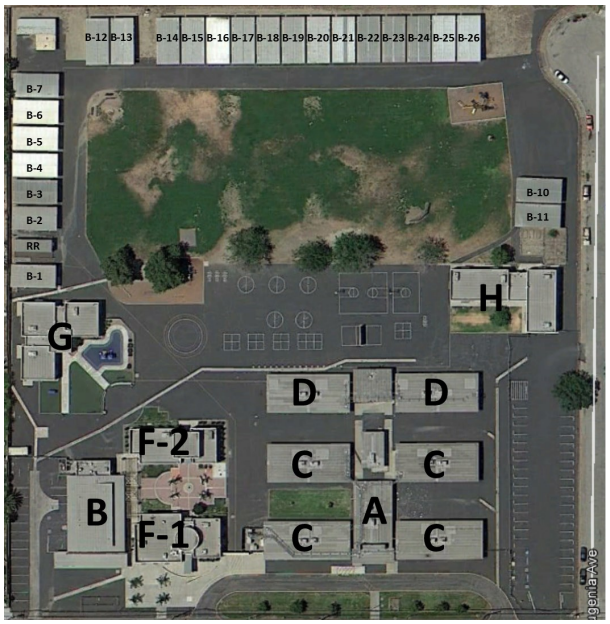
- The relocatable restroom building is 25 years old. Complete floor, wall, ceilings and fixtures upgrades (linoleum floors and FRP walls to ceramic tiles, metal partitions to phenolic, etc.) is anticipated to cost more than 50% of the cost of a new relocatable restroom. Remove old building and replace with new relocatable restroom building

Estimated Cost: $1,017,000

Total Estimated Cost: $4,964,000

TOKAY ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA



Tokay Elementary School
7846 Tokay Ave
Fontana, CA 92336

Enrollment Data:

Capacity:	960*
CALPADS Enrollment (2013/14)	598
Grades	K-5

Facilities Inventory

Site:

Site Acreage (net usable)	10.0 acres
Permanent Buildings	
Year first occupied	1982

Classrooms:

Permanent Classrooms	21
Portable Classrooms:	11

Building Area (sqft);

Permanent	24,468 square feet
Portable	12,680 square feet
Total	37,148 square feet

Subsidiary facilities :

Library	1,504 square feet
Multi-Purpose	2,750 square feet
Kitchen	833 square feet

Administration

Offices	1,280 square feet
Staff Breakroom	1,456 square feet
Staff Workroom	960 square feet

Restrooms Fixtures:

Staff	7
Boys	14
Girls	13

* Capacity based on District loading standards

BACKGROUND

Tokay Elementary School opened in September 1982 in a facility comprised of nine permanent buildings that housed the administration offices, 24 classrooms, a library, a multi-purpose room/cafeteria, a kitchen, faculty workrooms and restrooms. Thirteen relocatable classroom buildings and a relocatable restroom building were later added to the campus during the period from 1987 thru 1999 to accommodate increasing student enrollment in the area. As of 2014, the school has 25 permanent classrooms and 13 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe parking lots southwest of school
- Patch cracks, slurry seal and restripe all 3 entrance driveways east side of school
- Patch, slurry seal & restripe fire lane south of campus. Repaint curbs red.

Estimated Cost: $24,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- Repair wide cracks (approx 500 LF total) in pavement east of portable Room 31 thru 33.
- Remove and replace raised concrete pavement (approx 100 SF) east of K2.
- Remove and replace raised concrete pavement (approx 80 SF) south of Rm 4

Estimated Cost: 32,000

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hardcourts & Paved Areas

- None

b. Playfields & Grass Areas

- Install turf around the new parking lot and the west side classrooms.
- Restore irrigation at southwest corner of site and replant grass
- Restore irrigation and replant grass area west of Room 14 and south of Rm 16
- Restore irrigation and replant grass area north of K1
- Restore irrigation and replant planter boxes north of the MPR
- Restore irrigation and replant planter boxes west of Room
- Re-grade, restore irrigation and replant grass in the northwest section of the playfields.

Estimated Cost: $50,000

c. Playground Equipment

- Replace wood chips/bark soft fall material in the upper grades playground equipment with synthetic rubber surfacing. Retain play equipment, concrete pad and curbs.
- Replace wood chips/bark soft fall material in the kindergarten playground equipment with synthetic rubber surfacing. Retain play equipment, concrete pad and curbs.

Estimated Cost: $43,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear
- Clean/service the newer distribution panels/sub-panels

Estimated Cost: $10,000

b. Water

- Install a water pressure regulator to the main water service

Estimated Cost: $13,000

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/replace the old, existing, non-automatic fire alarm system for the whole campus

Estimated Cost: $375,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing intrusion/security alarm system site wide.
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide

Estimated Cost: $235,000

f. Energy Management System

- Upgrade/replace existing HVAC EMS with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and other components site wide (35 devices)
- Upgrade/replace all parking area and exterior lighting controls (EMS, time clocks, etc.). Connect to the new centralized district EMS.

Estimated Cost: $155,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in Administration and MPR/Cafeteria/Kitchen buildings—13,800 SF
- Replace built-up roof system in classroom buildings (Room #1-3, Resource), (Room #4-6), Room #7-9), (Room #10-12), (Room #13-16) and (Room #17-18) - 17,800 SF
- Replace built-up roof system in classroom building (Room #K1-K2, #19-22) - 8,700 SF

Estimated Cost: $425,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2003

Estimated Cost: $93,000

c. Windows

- None

d. Exterior Doors

- Replace all doors and hardware (locksets, panic devices closers, etc.) site wide

Estimated Cost: $235,000

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT floor finishes in classroom buildings (Room #1-3, Resource), (Room #4-6), Room #7-9), (Room #10-12), (Room #13-16), (Room #17-18) and (Room #K1-K2, #19-22)

Estimated Cost: $264,000

b. Walls

- None

c. Ceilings

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

  Estimated Cost: $82,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C unit in classroom buildings (Room #1-3, Resource), (Room #4-6), Room #7-9), (Room #10-12), (Room #13-16), (Room #17-18) and (Room #K1-K2, #19-22) - 26 units
- Replace package A/C unit in Administration and Library building—5 units
- Replace package A/C units in MPR/Cafeteria building—6 units

  Estimated Cost: $370,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Cafeteria

- Repaint doors, walls and ceilings.

Estimated Cost: $12,000

b. Kitchen/Faculty Lounge

- Repaint kitchen doors, walls and ceilings. Replace vinyl sheet flooring with ceramic tiles
- Repaint doors, walls and ceilings in the Faculty Lounge (Admin building)

Estimated Cost: $30,000

c. Restrooms

- Upgrade the Men and Women Staff's restrooms in the Administration building. Install ceramic floor and wall tiles. Install new doors, sinks, urinals, water closets, and lighting fixtures.
- Upgrade the Kiddie restroom in the Pre-school building (Room #29). Install ceramic floor and wall tiles. Replace sink, water closet and lighting fixtures with new.
- Upgrade the Kitchen Staff restroom in the MPR/Cafeteria building. Install ceramic floor and wall tiles. Replace sink, water closet and lighting fixtures with new.
- Replace mold and water damaged ceilings of the Boys and Girls restrooms in the classroom building (Room #10-12). Replace sink countertop tiles and missing urinals. Replace metal countertops with phenolic partitions
- Replace metal partitions in the Boys and Girls restrooms of the MPR/Cafeteria building with new phenolic partitions.
- Replace wood-metal partitions in the Boys and Girls restrooms of classroom building (Room #1-3, Resource) with new phenolic partitions

Estimated Cost: $110,000

d. Portable Classrooms

The school has 13 relocatable classroom (RCR) buildings and 1 relocatable restroom building. With the exception of Room # 28 which is 1,160 sq. ft., each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

- Room # 23, 28 and 29 are over 25 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building.

- Room # 30 thru 39, are 17 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.).

Estimated Cost: $641,000

Total Estimated Cost: $3,199,000

WEST RANDALL ELEMENTARY SCHOOL NEEDS ASSESSMENT

SITE DATA

West Randall Elementary School
15620 Randall Ave
Fontana, CA 92335



Enrollment Data:

Capacity:	1110*
CBEDS Enrollment (2013/14)	523
Grades	K-6

Facilities Inventory

Site:

Site Acreage (net usable)	9.0 acres
Permanent Buildings	
Year first occupied	1947

Classrooms:

Permanent Classrooms	17
Portable Classrooms:	20

Building Area (sqft);

Permanent	19,852 square feet
Portable	23,040 square feet
Total	42,892 square feet

Subsidiary facilities :

Library	2,232 square feet
Multi-Purpose	2,120 square feet
Kitchen	510 square feet

Administration

Offices	2,968 square feet
Staff Breakroom	360 square feet
Staff Workroom	456 square feet

Restrooms Fixtures:

Staff	8
Boys	20
Girls	19

* Capacity based on District loading standards

BACKGROUND

West Randall Elementary School opened in September 1947 in a facility comprised of eleven permanent buildings that housed the administration offices, 19 classrooms, a library, a computer lab, a multi-purpose room/cafeteria, a kitchen, a student support center, a media center, faculty workrooms and restrooms. Twenty four relocatable classroom buildings and a relocatable restroom building were later added to the campus during the period from 1967 thru 2001 to accommodate increasing student enrollment in the area. As of 2014, the school has 21 permanent classrooms and 24 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, 3 sets of playground equipment, hard courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal, and restripe parking lots east and west side of campus and drop-off areas south of campus. Repaint curbs.
- Patch cracks, slurry seal, restripe all 4 south side entrance driveways and 1 northeast entrance driveway. Repaint curbs.
- Patch cracks, slurry seal, restripe fire lanes north and west side of campus. Repaint curbs.

Estimated Cost: $86,000

b. Parking Lot & Exterior Lighting

- Install 7 new parking lot pole lights to the east and west parking lots and the drop-off area in front of school.
- Upgrade/replace exterior lighting systems site wide.
- Replace deteriorating "Seal-tite" conduit connectors on roofs between buildings (liquid tight conduit connectors)

Estimated Cost: $137,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry seal & restripe hard courts and blacktop areas north side of campus

Estimated Cost: $120,000

b. Playfields & Grass Areas

- Upgrade/redo the playfields completely. Install new irrigation system, re-grade, mulch, seed and fertilize

Estimated Cost: $100,000

c. Playground Equipment

- Add Fibar /or replace Fibar with rubber surfacing to 2 playground equipment (northeast and southwest corners of the grass playfield)
- Replace wood chips/bark softfall material of the upper grade play equipment at the southwest corner of the grass playfield with synthetic rubber surfacing material. Retain existing play equipment modules and install additional new play equipment modules. Retain concrete pad and curb.
- Replace wood chips/bark softfall material of the upper grade play equipment at the northeast corner of the grass playfield with synthetic rubber surfacing material. (Retain existing play equipment modules, concrete pad and curb

Estimated Cost: $68,000

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- Replace bent and rusted sections of the chain-link fence and gates in the east and south perimeter of the school
- Install wrought iron/tubular steel fence and gates between buildings at the front of the school

Estimated Cost: $33,000

III. UTILITIES

a. Electrical Service

- Upgrade/replace the main switchgear located outside, in front of school
- Upgrade/replace the older distribution panels/sub-panels. Clean/service the newer distribution panels/sub-panels

Estimated Cost: $65,000

b. Water

- Upgrade/replace main water service valves, meters, regulators and backflow preventers. Re-pipe service main line and laterals to buildings

Estimated Cost: $456,000

c. Gas

- Upgrade/replace main gas service valves, meters, regulators and re-pipe main line

Estimated Cost: $55,000

d. Storm/Sewage

- Upgrade/replace old sewage collection and piping system mains and laterals to buildings

Estimated Cost: $458,000

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/replace the head-end components of the existing fire alarm system for the whole campus.
- Install new wiring and initiating devices (pull-down switches, smoke and heat detectors)

Estimated Cost: $78,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace master clock and bell system

Estimated Cost: $55,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing intrusion/security alarm system site wide
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide

Estimated Cost: $262,000

f. Energy Management System (EMS)

- Upgrade/replace existing HVAC EMS with new (Carrier i-Vu CCN) system - wires, rigid conduits, weather tight boxes, i-Vu boards and other components site wide (31 devices).
- Connect all parking lot and exterior lighting systems to the new centralized district EMS.

Estimated Cost: $185,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in building F1 (Administration Office), F2 (Library and computer Lab) and B (MPR, Cafeteria/Kitchen) - 14,900 SF
- Replace built-up roof system in building A (Student Support and Media Center, C (Room #1-4, #7-10), D (Room #5-6, #11-12) and H (Room #13-16) - 34,600 SF
- Replace built-up roof system in building G (Room #K17-K19) - 5,600 SF

Estimated Cost: $585,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2004

Estimated Cost: $75,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

Estimated Cost: $470,000

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace worn carpet/VCT floor finishes to classrooms in building F2 (Library and Computer Lab), A (Student Support and Media Center), and G (Room #K17-K19).

Estimated Cost: $58,000

b. Walls

- Repaint drywall walls of office and other spaces in building F1 (Administration Office), F2 (Library and Computer Lab) and A (Student Support and Media Center).

- Install tack board wall panels to classrooms in building C (Room # 1-4, #7-10), D (Room #5-6, #11-12), G (Room #K17-K19) and H (Room #13-16)

Estimated Cost: $127,000

c. Ceilings

- Repaint acoustic/dropped ceiling tiles in all offices and classrooms site wide.

Estimated Cost: $ 62,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- Replace old cabinets and countertops in building C (Room # 1-4, #7-10), D (Room #5-6, #11-12), and H (Room #13-16) laminated plastic cabinets and countertops.

Estimated Cost: $274,000

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, workrooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $70,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C unit in wing F1- Data Room (1 unit)

Estimated Cost: $8,000

e. Plumbing Fixtures

- Replace outdoor porcelain drinking fountains with new stainless steel drinking fountains

Estimated Cost: $36,000

VIII. MPR AND OTHER FACILITIES

a. MPR/Cafeteria

- Repaint doors, walls and ceilings
- Replace the stage VCT floor

Estimated Cost: $14,000

b. Kitchen/Faculty Lounge

- Repaint doors, walls and ceilings of the kitchen.
- Repaint doors, walls and ceilings of the Faculty Lounge (Admin bldg.). Replace carpet/VCT floor finishes.

Estimated Cost: $16,000

c. Restrooms

- Repaint doors, drywall walls and ceilings of all restrooms site wide

Estimated Cost: $18,000

d. Portable Classrooms

The school has 24 relocatable classroom (RCR) buildings and 1 relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

- Room # B1 thru B7, B10 and B11 range from 22 to 47 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building

- Room # B12 thru B26, range from 13 to 17 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

- The relocatable restroom building is 25 years old. Complete floor, wall, ceilings and fixtures upgrades (linoleum floors and FRP walls to ceramic tiles, metal partitions to phenolic, etc.) is anticipated to cost more than 50% of the cost of a new relocatable restroom. Remove and dispose of old building and replace with new relocatable restroom building

Estimated Cost: $1,483,000

Total Estimated Cost: $5,454,000

FACILITIES NEEDS ASSESSMENT

MIDDLE SCHOOLS
SITE ASSESSMENTS



ALDER MIDDLE SCHOOL NEEDS ASSESSMENT

SITE DATA

Alder Middle School
7555 Alder Ave
Fontana, CA 92336



Enrollment Data:

Capacity:	1,456*
CALPADS Enrollment (2013/14)	1,259
Grades	6-8

Facilities Inventory

Site:

Site Acreage (net usable)	22.25 acres
Permanent Buildings	
Year first occupied	1960

Classrooms:

Permanent Classrooms	41
Portable Classrooms:	15

Building Area (sqft);

Permanent	59,888 square feet
Portable	17,280 square feet
Total	77,168 square feet

Subsidiary facilities :

Library	4,688 square feet
Multi-Purpose	3,736 square feet
Kitchen	1,435 square feet
Gymnasium	7,400 square feet

Administration

Offices	3,675 square feet
Staff Lounge	1,475 square feet
Staff Workroom	960 square feet

Restrooms Fixtures:

Staff	9
Boys	11
Girls	9

* Capacity based on District loading standards

BACKGROUND

Alder Middle School opened in January 1960 in a facility comprised of eight permanent buildings that housed the administration offices, 44 classrooms, a library, a multi-purpose room/cafeteria, a kitchen, a gymnasium, boys and girls locker rooms, faculty workrooms and restrooms. In subsequent years, a 4-classroom building was added to the school campus. Nineteen relocatable classroom buildings were later added to the campus during the period from 1988 thru 2009 to accommodate increasing student enrollment in the area. As of 2014, the school has 48 permanent classrooms and 18 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, basketball courts, tennis courts, running track, grass football and baseball play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe parking lots and drop-off areas west and south of campus
- Patch cracks, slurry seal and repaint curbs on all 3 entrance driveways. Remove and replace broken concrete in the middle driveway west of campus
- Patch cracks, slurry seal and repaint curbs of Fire lanes on east and north side of campus.

Estimated Cost: $143,000

b. Parking Lot & Exterior Lighting

- Install 8 additional parking lot light poles and fixtures to the parking lots and drop-off area west and south of campus.
- Upgrade/replace all exterior lighting fixtures site wide.

Estimated Cost: $183,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry seal and restripe tennis courts and basketball courts (south side of campus). Replace tennis nets (4 sets)

- Cut out and replace structurally deteriorated sections of the asphalt paved courtyard between wing 800 and 900. Repair deep and wide cracks in adjacent areas.

  Estimated Cost: $106,000

b. Playfields & Grass Areas

- Install new backflow valves, main line and wirings as needed at the front office, 7th grade and 8th grade wings to eliminate the remaining hydraulic valves and cross connections

- Upgrade remaining irrigation controllers (4units - 48 station controllers)

- Restore irrigation system and replant grass, shrubs, flowers to the planter areas in the east, north side, west side and southwest of building 700. Also in the quad of wing 700

- Remove dead bushes, restore irrigation system and replant bushes in the planter areas west side of Room 623 & 624

- Repair/restore irrigation system and replant grass/ shrubs or flowers to the planter area in the south side of Room 623

- Repair/restore irrigation system and replant grass, shrubs or flowers to the planter area in the northwest corner of wing 600

- Repair/restore irrigation system and replant grass, shrubs or flowers to the planter area in the quad of wing 800. Also on the west side and southeast corner of wing 800.

Estimated Cost: $132,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Upgrade/replace the old switchgear and merge (consolidate) into the new switchgear. Clean and service the new switchgear

- Clean/service the distribution panels/sub-panels

Estimated Cost: $135,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Replace initiating devices (pull-down switches, smoke and heat detectors), notification appliances (bells, horns and strobes) and wirings

Estimated Cost: $205,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace Master clock and bell System. Existing equipment has not worked for many years - campus uses battery operated clocks

Estimated Cost: $77,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade/replace the existing intrusion/security alarm system site wide.
- Upgrade existing video-surveillance system with new monitors/controls and 30 cameras site wide

Estimated Cost: $341,000

f. Energy Management System (EMS)

- Upgrade/replace existing old HVAC EMS system (control boards. wires, conduits, boxes, etc.) with new (Carrier i-Vu CCN) system - 68 rooftop units
- Upgrade/replace existing parking lot and exterior lighting controls (EMS, time clocks, wirings, etc.). Connect to the new centralized district EMS.

Estimated Cost: $395,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in building A (Administration) and B (Room #701-711A/B), including covered walkways—44,248 SF
- Restore built-up roof system in building C (Gymnasium, Locker Rooms, Room #525-526), D (Room #810-822) and E (Room #928-939) - 56,783 SF
- Replace built-up roof system in building F (MPR/Cafeteria, Kitchen, room #623-624), G (Room #625-631)and L (Library) - 33,800 SF

Estimated Cost: $1,340,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2010

Estimated Cost: $303,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

Estimated Cost: $470,000

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT floor finishes in classrooms B (Room 701-711A/B), D (Room #810-822), and E (Room #928-939).

Estimated Cost: $250,000

b. Walls

- Repaint walls of building A (Administration) offices and workrooms.
- Install vinyl tack board wall panels to classrooms in building B (Room #701-711A/B), D (Room #810-822), E (Room #928-939), and G (Room #625-627, #628-631)

Estimated Cost: $252,000

c. Ceilings

- Repaint acoustic tile ceilings of offices, workrooms and classrooms site wide.

Estimated Cost: $109,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- Repaint/refinish wood cabinets and countertops in building B (Room #701-711A/B), D (Room #810-822), and E (Room # 928-939)
- Replace acid resistant countertops and sinks of science labs in building B (Room #707-709), D (Room #811-813), E (Room #935-937)

Estimated Cost: $248,000

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, workrooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $248,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C unit in classroom wings B (Room #701-711A/B), D (Room #810-822) and E (Room #928-939) - 30 units
- Replace split A/C units in Room #710, 711, 820 & 821—4 units
- Replace split A/C units in Room #525 & 526—2 units
- Replace package A/C unit in A (Administration Office) - 1 unit
- Replace split A/C units in A (Administration Office) - 6 units
- Replace split A/C unit in the Data Room—1 unit
- Replace package A/C units in the MPR/Cafeteria—1 unit
- Replace package A/C unit in the Kitchen—2 units
- Replace package A/C unit in MPR - stage—1 unit
- Replace split A/C units in the Band/Choir Room—2 units

Estimated Cost: $482,000

e. Plumbing Fixtures

- Replace stainless steel faucets in the science labs in building B (Room #707-709), D (Room #811-813), E (Room #935-937)

Estimated Cost: $15,000

VIII. MPR AND OTHER FACILITIES

a. Gymnasium/Locker Rooms

Gymnasium:

- Upgrade/replace the gymnasium lighting fixtures
- Repaint all doors, walls & ceilings of the gymnasium
- Replace all panic hardware and closers on wood doors
- Sand, screen, restripe and refinish hardwood floors and wood bleachers

Boys and Girls Locker Rooms:

- Repaint all doors, walls & ceilings
- Install VCT tiles on floors.
- Install additional athletic and PE lockers.

Estimated Cost: $123,000

b. MPR/Cafeteria

- Repaint doors, walls and ceilings. Replace loose, warped, damaged or missing acoustic tiles in walls and ceilings.
- Sand, screen, and refinish hardwood stage floors

Estimated Cost: $50,000

c. Kitchen/Faculty Lounge

- Repaint doors, walls and ceilings of the kitchen.
- Refinish doors, replace carpet/VCT floors, repaint walls and replace acoustic ceilings in the Faculty Lounge

Estimated Cost: $22,000

d. Restrooms

- Repaint doors, drywall walls and ceilings of all restrooms site wide.
- Upgrade the Boys and Girls restrooms in building L (Library). Install ceramic floor and wall tile. Install new sinks, urinals, water closets and phenolic partitions.

Estimated Cost: $143,000

e. Portable Classrooms

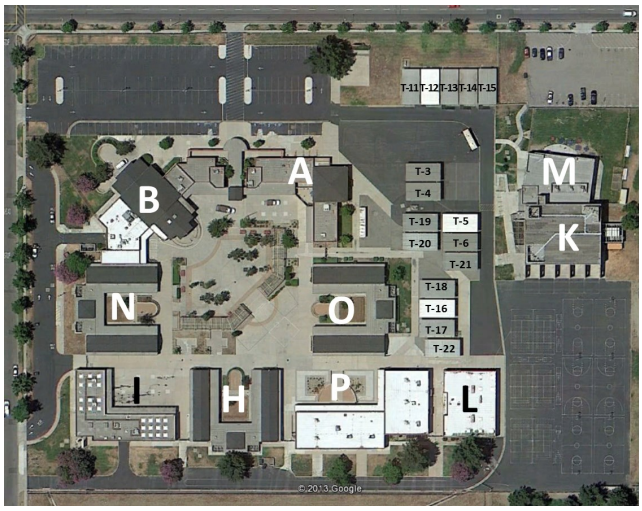
The school has 19 relocatable classroom (RCR) buildings and no relocatable restroom building. With the exception of Room # 527 which is 1,160 sq. ft., each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.

- Room # 527, 712, 827 thru 835, and 841 range from 23 to 26 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building
- Room # 713, 840 and 842, range from 13 to 19 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)
- Room # 836 thru 839 are leased relocatable classrooms. Repairs and upgrades are lessor's responsibility

Estimated Cost: $1,269,000

Total Estimated Cost: $6,951,000

SITE DATA



Almeria Middle School
7723 Almeria Ave
Fontana, CA 92336

Enrollment Data:

Capacity:	1,066*
CALPADS Enrollment (2013/14)	860
Grades	6-8

Facilities Inventory

Site:

Site Acreage (net usable)	18.3 acres
(plus 9.6 ac in retention basin)	
Permanent Buildings	199
Year first occupied	

Classrooms:

Permanent Classrooms	30
Portable Classrooms:	11

Building Area (sqft);

Permanent	46,729 square feet
Portable	15,360 square feet
Total	62,089 square feet

Subsidiary facilities :

Library	2,889 square feet
Multi-Purpose	3,226 square feet
Kitchen	2,472 square feet
Gymnasium	9,805 square feet

Administration

Offices	4,790 square feet
Staff Breakroom	3,831 square feet
Staff Workroom	960 square feet

Restrooms Fixtures:

Staff	19
Boys	19
Girls	16

* Capacity based on District loading standards

BACKGROUND

Almeria Middle School opened in September 1989 in a facility comprised of eleven permanent buildings that housed the administration offices, 37 classrooms, a library, a multi-purpose room/cafeteria, a kitchen, a gymnasium, boys and girls locker rooms, faculty workrooms and restrooms. Sixteen relocatable classroom buildings were later added to the campus during the period from 1989 thru 2001 to accommodate increasing student enrollment in the area. As of 2014, the school has 37 permanent classrooms and 16 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, basketball courts, tennis courts, running track, grass football and baseball play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Apply asphalt overlay over deteriorated asphalt pavement of the bus drop-off west of campus and the parking lot north of campus. Seal and restripe pavement.
- Patch cracks, slurry seal and restripe the northeast side parking area and all 4 entrance driveways (3 west & 1 north) of campus.
- Patch cracks, slurry seal and restripe fire lanes east, north and south of campus. Repaint curbs.

Estimated Cost: $211,000

b. Parking Lot & Exterior Lighting

- Replace missing light pole and lighting fixture in the bus drop-off area west side of school

Estimated Cost: $3,000

c. Pathways & Walkways

- Remove and replace uneven/raised concrete pavement (tripping hazards) - north, south and east sides of the Admin building, north and west sides of the MPR, various locations around the quad area south of Admin, north of P wing, west of N wing, west of I wing, west of O wing and southwest of Library

Estimated Cost: $30,000

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry coat and restripe basketball and tennis courts on the east side of campus
- Replace all 6 pairs of outdoor basketball backboards and hoops

Estimated Cost: $125,000

b. Playfields & Grass Areas

- Install new meter, service line and pump for field use only and separate from existing main line. Redesign and upgrade the field irrigation layout which is currently undersized.
- Restore irrigation system and replant shrubs, bushes, flowers and/or ground cover in planter boxes and grass areas site wide.
- Restore irrigation and re-grade deteriorated/damaged section (southeast corner) of grass playfields. Re-seed and fertilize.
- Restore the quarter mile sand running track, upgrade irrigation systems and plant new grass in the playfields.

Estimated Cost: $331,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- Replace the weathered wood joists and rafters of the shade structures in the quad area and over the covered seating area northeast of MPR.

Estimated Cost: $50,000

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Upgrade/replace the main switchgear. Breakers/parts will be obsolete in the next few years.
- Upgrade/replace the distribution panels/sub-panels. Breakers/parts will be obsolete in the next few years

Estimated Cost: $88,000

b. Water

- Install main service regulator and replace backflow preventer
- Replace hot water system for the Locker Rooms
- Replace hot water heater for the P-wing

Estimated Cost: $32,000

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Replace initiating devices (pull-down switches, smoke and heat detectors) and notification appliances (bells, horns and strobes) and wirings

Estimated Cost: $275,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace master clock and bell system

Estimated Cost: $64,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing intrusion/security alarm system site wide.
- Upgrade existing video-surveillance system with new monitors/controls and 30 cameras site wide

Estimated Cost: $303,000

f. Energy Management System (EMS)

- Upgrade/replace existing old HVAC EMS system (control boards. wires, conduits, boxes, etc.) with new (Carrier i-Vu CCN) system - 52 rooftop units.
- Upgrade/replace existing exterior lighting and parking lot lighting controls (EMS, time clocks, wirings, etc.). Connect to the new centralized district EMS.

Estimated Cost: $200,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in buildings A (Administration, Library) and B (MPR/Cafeteria, Kitchen) - 24,900 SF
- Restore built-up roof system in building O (Room #01-07), I (Room #I1-I4) and P (Room #P1-P7) - 34,050 SF
- Restore built-up roof system in building H (Room #H1-H7), N (Room #N1-N7), L (Room #L1-L3) and M (Boys and Girls Club) - 34,120 SF

Estimated Cost: $615,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2003

Estimated Cost: $264,000

c. Windows

- None

d. Exterior Doors

- Replace all doors and hardware (locksets, panic devices closers, etc.) site wide

Estimated Cost: $350,000

VI. INTERIOR FINISHES

a. Floors

- Replace carpet and VCT tile floor finishes in building A (Administration, Library), N (Room #N1-N7), O (Room #O1-O7), I (Room #I1-I14), H (Room #H1-H7) and P (Room #P1-P7).

Estimated Cost: 245,000

b. Walls

- Repaint drywall walls in building A (Administration, Library)
- Install vinyl tack board wall panels to classrooms in building N (Room #N1-N7), O (Room #O1-O7), I (Room #I1-I14), H (Room #H1-H7) and P (Room #P1-P7).

Estimated Cost: $197,000

c. Ceilings

- Repaint drywall and acoustic tiles in building A (Administration, Library), N (Room #N1-N7), O (Room #O1-O7), I (Room #I1-I14), H (Room #H1-H7) and P (Room #P1-P7).

Estimated Cost: $88,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: 122,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C units in classroom wings I (Room #I1-I14), L (Lockers Rm L1-L3) and P (Room #P1-P7) - 15 units
- Replace split A/C - Air handlers in classroom wings H (Room #H1-H7), N (Room #N1-N7) and O (Room #O1-O7) - 21 units
- Replace package A/C units in wing A (Library) - 1 unit
- Replace package A/C unit in wing A (Administration Offices) - 9 units
- Replace split A/C unit in the Data/Server Room—1 unit

Estimated Cost: $377,000

e. Plumbing Fixtures

- Replace stainless steel faucets in the Science Labs (Room #P1 and P3)

Estimated Cost: $8,000

VIII. MPR AND OTHER FACILITIES

a. Gymnasium/Locker Rooms

Gymnasium:

- Repaint doors and walls
- Repaint CMU walls and drywall ceiling

Boys and Girls Locker Rooms:

- Repaint all walls & ceilings
- Install VCT tiles on floors.
- Repair/replace damaged athletic and PE lockers.

Estimated Cost: $41,000

b. MPR/Cafeteria

- Repaint doors, walls and ceilings.
- Sand, screen, and refinish hardwood stage floors

Estimated Cost: $16,000

c. Kitchen/Faculty Lounge

- Repaint doors, walls and ceilings of the kitchen. Replace damaged FRP wall panels and repaint.
- Repaint/refinish doors and walls in the Faculty Lounge. Replace acoustic ceilings. Replace VCT floors.

Estimated Cost: $28,000

d. Restrooms

- Repaint doors, drywall walls and ceilings of all restrooms site wide.

  Estimated Cost: $21,000

e. Portable Classrooms

The school has 16 relocatable classroom (RCR) buildings and no relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.

- Room # T3 thru T6 and T11 thru T14 range from 22 to 27 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building

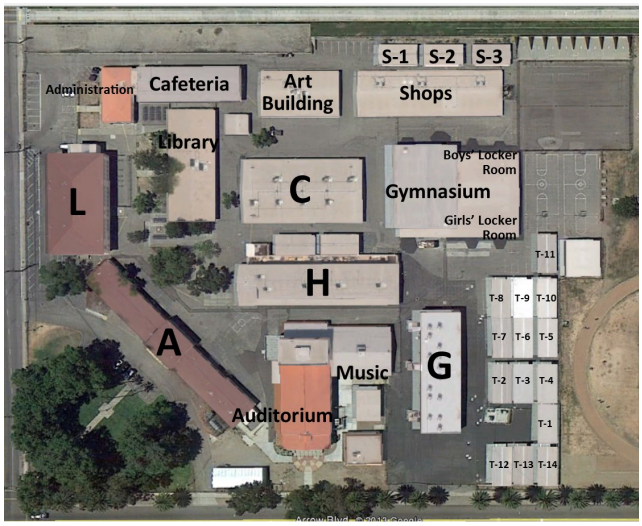
- Room # T15 thru T22, range from 13 to 19 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

  Estimated Cost: $1,056,000

Total Estimated Cost: $5,140,000

FONTANA MIDDLE SCHOOL NEEDS ASSESSMENT

SITE DATA



Fontana Middle School
8425 Mango Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	1,482*
CALPADS Enrollment (2013/14)	1,075
Grades	6-8

Facilities Inventory

Site:

Site Acreage (net usable)	15.79	acres
Permanent Buildings		
Year first occupied		

Classrooms:

Permanent Classrooms	39
Portable Classrooms:	18

Building Area (sqft);

Permanent	54,008 square feet
Portable	20,160 square feet
Total	74,168 square feet

Subsidiary facilities :

Library	2,910 square feet
Multi-Purpose	2,368 square feet
Kitchen	1,714 square feet
Gymnasium	6,326 square feet

Administration

Offices	4,025 square feet
Staff Breakroom	1,922 square feet
Staff Workroom	960 square feet

Restrooms Fixtures:

Staff	31
Boys	15
Girls	12

* Capacity based on District loading standards

BACKGROUND

Fontana Middle School opened in September 1928. The current facility is comprised of twelve permanent buildings that house the administration offices, 48 permanent classrooms, a library, an auditorium, a gymnasium with boys and girls locker rooms, a cafeteria/kitchen, faculty workrooms and restrooms. In addition, the facility includes twenty one relocatable classroom buildings which were added to the campus during the period from 1980 thru 2001 to accommodate increasing student enrollment in the area. As of 2014, the school has 48 permanent classrooms and 21 relocatable classrooms. Outdoor facilities include staff, student and visitors parking/drop-off areas, basketball courts, running track, grass football and baseball play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe west & south side parking lots and drop-offs. Repaint curbs.
- Patch cracks, slurry seal and restripe all 4 entrance driveways. Repaint curbs.

Estimated Cost: $35,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry seal & restripe hard courts and blacktop areas
- Replace nets in the tennis courts east of S wing.

Estimated Cost: $116,000

b. Playfields & Grass Areas

- Redo the denuded landscape areas and re-sod small turf areas around campus
- Upgrade irrigation controllers (2units - 48 station controllers)

Estimated Cost: $46,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- Replace bent and rusted sections of the chain-link fence and gates in the east and south perimeter of the school
- Install wrought iron/tubular steel fence and gates between buildings at the front (west) and south side of the school

Estimated Cost: $47,000

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear
- Clean/service the newer distribution panels/sub-panels
- Upgrade/replace the old distribution switchgears (2 units) and panels/sub-panels

Estimated Cost: $90,000

b. Water

- Upgrade/replace the main water service valves, meters, regulators and backflow preventers. Re-pipe service main line and laterals to buildings
- Install backflow preventers at all water meters.

Estimated Cost: $682,000

c. Gas

- Upgrade/replace main gas service valves, meters, regulators. Re-pipe the main service line

Estimated Cost: $123,000

d. Storm/Sewage

- Upgrade/replace old sewage collection and piping system mains and laterals to buildings

Estimated Cost: $667,000

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Replace initiating devices (pull-down switches, smoke and heat detectors), notification appliances (bells, horns and strobes) and wirings to about half of the campus school buildings

Estimated Cost: $130,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace master clock and bell system

Estimated Cost: $80,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing old intrusion/security alarm system site wide.
- Upgrade existing video-surveillance system with new monitors/controls and 30 cameras site wide

Estimated Cost: $350,000

f. Energy Management System (EMS)

- Upgrade/replace existing old HVAC EMS system (control boards. wires, conduits, boxes, etc.) with new (Carrier i-Vu CCN) system
- Upgrade/replace existing exterior lighting and parking lot lighting controls (EMS, time clocks, wirings, etc.). Connect to the new centralized district EMS

Estimated Cost: $180,000

V. BUILDING ENVELOPE

a. Roofing

- Restore built-up roof system in Cafeteria and Library buildings—15,250 SF
- Restore built-up roof system in the Gymnasium building—8,250 SF
- Replace built-up roof system in building H (Room #H1-H6), C (Room #C1-C8) and G (Room #G101-G104, #G201-G204) - 29,150 SF

Estimated Cost: $445,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2005

Estimated Cost: $279,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

Estimated Cost: $335,000

d. Exterior Doors

- Replace all doors and hardware (locksets, panic devices closers, etc.) in the MPR, Art (Room #Art1-Art2), Shops (Room #S1-S3) and C (Room #C1-C8) buildings

Estimated Cost: $110,000

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT floor finishes in classroom buildings, Art (Room #Art1-Art2), G (Room #G101-G104, #G201-G206), H (Room #H1-H6) and Shops (room #S1-S3).

- Re-finish/replace natural wood flooring in classroom buildings, C (Room #C1-C8), L (Room #L1-L6, #L7-L12).

Estimated Cost: $310,000

b. Walls

- Repaint drywall and acoustic tile walls in the Administration building, Art building and Library building. Replace loose, damaged or missing acoustic tiles.

- Install vinyl tack board wall panels to classrooms in building C (Room #C1-C8), H (Room #H1-H6) and L (Room #L1-L12).

- Replace damaged tack board wall panels in classrooms in building G (Room #Gi101-G104, #G201-G206).

Estimated Cost: $178,000

c. Ceilings

- Repaint ceilings in the Administration, Library, Art (Room # Art1-Art2), C (Room #C1-C8), G (Room #G101-G104, #G201-G206), H (Room #H1-H6) and L (Room #L1-L12). Replace loose, damaged or missing acoustic tiles.

Estimated Cost: $125,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- Replace old, dilapidated cabinets, countertops and shelves in the Library, Art (Room #Art1-Art2), Shops (Room #S1-S3) and building C (Room #C1-C8).
- Replace damaged/peeling laminated top computer tables in the Computer Lab (Room # H6)

Estimated Cost: $220,000

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $158,000

c. Technology/Data

- See Appendix C– Technology

d. HVAC/Heating Systems

- Replace package A/C units in building A (Administration building) - 7 units
- Replace package A/C units in classroom building L (Room #L1-L12) -12 units
- Replace package A/C unit in classroom building C (Room #C1-C8), H (Room #H1-H6), and the Library and Art buildings - 17 units
- Replace package A/C units in the Shops (Room #S1-S3) - 4 units

Estimated Cost: $247,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. Gymnasium

Gymnasium

- None

Boys and Girls Locker Rooms

- Repaint doors, walls and ceilings.
- Repair/replace damaged locker units.

Estimated Cost: $12,000

b. MPR/Auditorium

- Repaint doors, walls and ceilings
- Sand and refinish wooden stage floor

Estimated Cost: $11,000

c. Cafeteria/Kitchen/Faculty Lounge

Cafeteria

- Replace wooden doors and frames with new metal doors and frames. Install new door hardware (locksets, door closers, etc.)
- Replace VCT floor finishes with new.
- Repaint walls and ceilings.

Kitchen/Faculty Lounge

- Repaint doors , walls and ceilings of the kitchen. Replace damaged FRP wall panels and damaged ceiling boards.
- Repaint doors, walls and ceilings of the Faculty Lounge (Cafeteria). Replace VCT floors. Replace warped and stained acoustic ceiling boards.

Estimated Cost: $89,000

d. Restrooms

- Upgrade/modernize the boys and girls restrooms in building G, Music (M1-M3) and Shops (S1-S3). Install ceramic floor and wall tiles. Install new sinks, urinals, water closets, phenolic toilet partitions and T8 lighting fixtures.

- Upgrade/modernize the staff restrooms in building L(1st floor and 2nd floor) and the Library. Install ceramic floor and wall tiles. Install new sinks, urinals, water closets, phenolic toilet partitions and T8 lighting fixtures.

- Upgrade/modernize the men, women and kitchen staff restrooms in the Cafeteria/Kitchen. Install ceramic floor and wall tiles. Install new sinks, urinals, water closets, phenolic toilet partitions and T8 lighting fixtures.

Estimated Cost: 232,000

e. Portable Classrooms

The school has 21 relocatable classroom (RCR) buildings and no relocatable restroom building. With the exception of Room # M3 which is 1,160 sq. ft., each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.

- Room # S4, M2 and M3 range from 25 to 34 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building

- Room # S5, S6, H7 and H8, are 13 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

- Room #T1 thru T14 are leased relocatable classrooms. Repairs and upgrades are lessor's responsibility

Estimated Cost: $431,000

Total Estimated Cost: $5,728,000

RUBLE MIDDLE SCHOOL NEEDS ASSESSMENT

SITE DATA

Wayne Ruble Middle School
6762 Juniper Ave
Fontana, CA 92336



Enrollment Data:

Capacity:	1,196*
CALPADS Enrollment (2013/14)	1,181
Grades	6-8

Facilities Inventory

Site:

Site Acreage (net usable)	20.0 acres
Permanent Buildings	
Year first occupied	2005

Classrooms:

Permanent Classrooms	46
Portable Classrooms:	0

Building Area (sqft);

Permanent	65,097 square feet
Portable	0
Total	65,097 square feet

Subsidiary facilities :

Library	5,450 square feet
Multi-Purpose	4,958 square feet
Kitchen	1,656 square feet
Gymnasium	8,757 square feet

Administration

Offices	4,284 square feet
Staff Breakroom	1,338 square feet
Staff Workroom	0

Restrooms Fixtures:

Staff	17
Boys	24
Girls	20

* Capacity based on District loading standards

BACKGROUND

Ruble Middle School opened in October 2004 in a facility comprised of eight permanent buildings that housed the administration offices, 57 classrooms, a library, a multipurpose room/cafeteria, a kitchen, a gymnasium, boys and girls locker rooms, faculty workrooms and restrooms. As of 2014, no permanent buildings or relocatable classroom buildings were added to the school facility. Outdoor facilities include staff and visitors parking/drop-off areas, basketball courts, grass playfields and a baseball field.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Slurry coat and restripe east and north parking lot

Estimated Cost: $65,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- Remove and replace cracked and spalled section of concrete west of the Administration building

Estimated Cost: $1,000

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry coat and restripe hard courts south and west of campus

Estimated Cost: $93,000

b. Playfields & Grass Areas

- Replace decomposed granite areas around the campus with concrete.
- Upgrade irrigation controllers (2units - 48 station controllers)
- Restore irrigation and replant grass in landscaped areas around the northwest corner of the gymnasium and west of the Library
- Restore irrigation and replant bushes, shrubs and flowers in planter boxes at the southwest corner of MPR, west-south of Library and west-south of the MPR

Estimated Cost: $96,000

c. Playground Equipment
- None

d. Outdoor Shade Structures
- None

e. Perimeter Fencing

- Replace bent and rusted sections of the chain-link fence and gates in the south perimeter of the school.

Estimated Cost: $13,000

III. UTILITIES

a. Electrical Services

- Clean/service the main switchgear
- Clean/service the distribution panels/sub-panels

Estimated Cost: $10,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace master clock and bell system

  Estimated Cost: $68,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion /Security

- Upgrade existing video-surveillance system with new monitors/controls and 30 cameras site wide

  Estimated Cost: $75,000

f. Energy Management System (EMS)

- Upgrade/replace existing old HVAC EMS system (control boards. wires, conduits, boxes, etc.) with new (Carrier i-Vu CCN) system
- Upgrade/replace existing exterior lighting and parking lot lighting controls (EMS, time clocks, wirings, etc.). Connect to the new centralized district EMS

Estimated Cost: $150,000

V. BUILDING ENVELOPE

a. Roofing

- Restore built-up roof system in building A (Administration) and H (Room #H101 -H107) - 15,105 SF
- Restore built-up roof system in building B (Room #B101-B109, #B201-B209) and C (Room #C101-C110) - 28,755 SF
- Restore built-up roof system in building E (MPR, Kitchen, Lounge) and D (Gym, Locker Rooms) - 31,770 SF
- Restore built-up roof system in building G (Room #G101-G109, #G201-209) and F (Library) - 23,460 SF

Estimated Cost: $680,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2004

Estimated Cost: $277,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT classroom floor finishes in building B (Room #B101-B109, #B201-209), C (Computer Labs: C106—C107), F (Media Lab F107, Computer Lab F109) and G (Room #G101-G109, #G201-G209).

Estimated Cost: $330,000

b. Walls

- Replace worn/damaged vinyl tack board wall panels in classrooms; B (Room #B101-B109, #B201-B209)
- Install vinyl tack board wall panels in classrooms; C (Room #C101-C110), F (Library, Media Lab and Computer Lab), and H (Room #H101-H107)

Estimated Cost: $246,000

c. Ceilings

- Repaint acoustic ceilings in building B (Room #B101-B109, #B201-209), C (Computer Labs: C106—C107) and F (Media Lab F107, Computer Lab F109). Replace warped, or damaged ceiling boards,

Estimated Cost: $90,000

VII. FURNISHINGS AND FIXTURES

a. Casework
- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $188,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- None

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. Gymnasium/ Locker Rooms

Gymnasium

- None

Locker Rooms

- None

b. MPR

- Repaint doors and walls

Estimated Cost: $8,000

c. Cafeteria/Kitchen/Faculty Lounge

- None

c. Restrooms

- Repaint doors, drywall walls and ceilings of all restrooms site wide.

Estimated Cost: $33,000

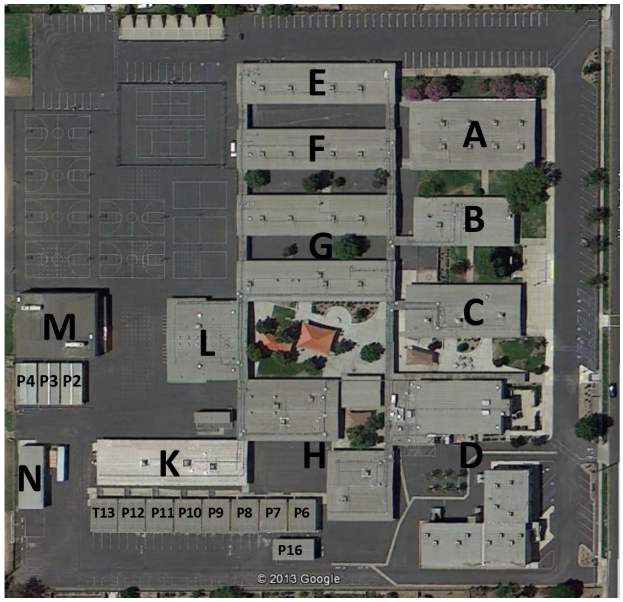
d. Portable Classrooms

- None

Total Estimated Cost: $2,423,000

SEQUOIA MIDDLE SCHOOL NEEDS ASSESSMENT

SITE DATA



Sequoia Middle School
9452 Hemlock Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	1,430*
CALPADS Enrollment (2013/14)	1,138
Grades	6-8

Facilities Inventory

Site:

Site Acreage (net usable)	18.76	acres
Permanent Buildings		
Year first occupied	1957	

Classrooms:

Permanent Classrooms	43
Portable Classrooms:	12

Building Area (sqft);

Permanent	55,089 square feet
Portable	11,520 square feet
Total	66,609 square feet

Subsidiary facilities :

Library	3,200 square feet
Multi-Purpose	4,344 square feet
Kitchen	2,464 square feet
Gymnasium	5,660 square feet

Administration

Offices	4,725 square feet
Staff Breakroom	1,060 square feet
Staff Workroom	960 square feet

Restrooms Fixtures:

Staff	19
Boys	18
Girls	16

* Capacity based on District loading standards

BACKGROUND

Sequoia Middle School opened in September 1957 in a facility comprised of fourteen buildings that housed the administration offices, 47 classrooms, a library, a multi-purpose room/cafeteria, a kitchen, a gymnasium, boys and girls locker rooms, faculty workrooms and restrooms. Twelve relocatable classroom buildings and a relocatable restroom building were later added to the campus during the period from 1988 thru 2001 to accommodate increasing student enrollment in the area. As of 2014, the school has 47 permanent classrooms and 12 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, basketball courts, volleyball courts, tennis courts, running track, grass football and baseball play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe the north and east parking lots. Re-paint curbs.
- Patch cracks, slurry seal and restripe all 3 entrance driveways. Re-paint curbs.
- Patch cracks, slurry seal and restripe the fire lane south of campus. Re-paint curbs.

Estimated Cost: $105,000

b. Parking Lot & Exterior Lighting

- Install 2 units of new parking lot pole lights to the north parking area and 1 additional pole light to the east parking and student drop-off area.
- Upgrade/replace the old exterior lighting fixtures campus wide

Estimated Cost: $50,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry seal & restripe hard courts/blacktop areas west side of school

Estimated Cost: $104,000

b. Playfields & Grass Areas

- Install new backflow valves and main line. Rewire to eliminate the remaining hydraulic valves and cross connections
- Upgrade the athletic playfields. Re-grade to eliminate tripping hazards, re-seed and fertilize. Existing irrigation system to remain
- Restore irrigation and replant shrubs, bushes, flowers and/or ground cover to planter boxes site wide.

Estimated Cost: $240,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- Replace bent and rusted sections of the chain link fence and gates in the south perimeter of the school
- Install wrought iron/tubular steel fence and gates between buildings at the front of the school

Estimated Cost: $33,000

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear
- Clean/service the newer distribution panels/sub-panels
- Upgrade/replace the older distribution panels/sub-panels

Estimated Cost: $40,000

b. Water

- Upgrade/replace main water service valves, meters, regulators and backflow preventers
- Re-pipe service main line and laterals to buildings

Estimated Cost: $537,000

c. Gas

- None

d. Storm/Sewage

- Hook-up to the City sewer system if accessible and abandon the old septic tank system.
- Upgrade/replace old sewage collection and piping system mains and laterals to buildings
- Upgrade/re-construct the storm drainage system around building A (Room #5-12) to eliminate water ponding/flooding during rainy days and causing problems to vehicles and students.

Estimated Cost: $549,000

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Replace initiating devices (pull-down switches, smoke and heat detectors), notification appliances (bells, horns and strobes) and wirings

Estimated Cost: $205,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace master clock and bell system

Estimated Cost: $70,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade/replace existing intrusion/security alarm system site wide.
- Upgrade existing video-surveillance system with new monitors/controls and 30 cameras site wide

Estimated Cost: $321,000

f. Energy Management System (EMS)

- Upgrade/replace existing old HVAC EMS system (control boards, wires, conduits, boxes, etc.) with new (Carrier i-Vu CCN) system - 62 rooftop units
- Upgrade/replace existing exterior lighting and parking lot lighting controls (EMS, time clocks, wirings, etc.). Connect to the new centralized district EMS.

Estimated Cost: $360,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in building A (Room #5-9), B (Library), C (Administration office), D (Cafeteria/Kitchen) and M (Gymnasium) - 49,335 SF

- Replace built-up roof system in building E (Room # 1-4), F (Room #13-16), G (Room #17-24), H (Room #27A-30), K (Room #32-34), and L (Locker Rooms), including all interconnecting covered walkways — 70,652 SF

  Estimated Cost: $1,330,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2003

  Estimated Cost: $227,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

  Estimated Cost: $510,000

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace worn carpet/VCT floor finishes in building B (Library), C (Administration), H (Room #27A-30), K (Room # 32-34), N (Room #36A-36B) and Room #D3 (Computer Lab).

  Estimated Cost: $125,000

b. Walls

- Repaint drywall and adhered acoustic tile walls in building A (Room #5-12), B (Library), C (Administration), E (Room #1-4), F (Room #13-16), G (Room #17-24) and H (Room #27A-30). Replace loose, warped and/or damaged acoustic tiles.

- Install vinyl tack board wall panels to classrooms in building K (Room #32-34) and N (Room # 36A and 36B).

- Replace damaged/worn vinyl tack board wall panels to classrooms in building D (Room #D1-D5, #D6-D10).

Estimated Cost: $200,000

c. Ceilings

- Repaint open beam ceilings and adhered acoustic tile ceilings in building A (Room #5-12), B (Library), C (Administration), E (Room #1-4), F (Room #13016), G (Room #17-24), H (Room #27A-30), K (Room #32-34) and N (Room #36A-36B). Replace loose, warped and/or damaged acoustic ceiling tiles

Estimated Cost: $94,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- Replace worn/damaged cabinets and countertops in building A (Room #5-12), B (Library), E (Room #1-4), F (Room #13-16), G (Room #17-24), H (Room #27A-30), and K (Room #32-34)

Estimated Cost: $384,000

b. Lighting Fixtures

- Replace/retrofit old fluorescent lighting in all permanent classrooms, offices and workrooms site wide into T8 lamps and ballasts

Estimated Cost: $156,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C units in building E (Room #1-4) - 4 units
- Replace package A/C units in building A (Room #5-1) - 8 units
- Replace package A/C units in building F (Room #13-16) - 4 units
- Replace package A/C units in building G (Room #17-24) - 8 units
- Replace package A/C units in building H (Room #27A-30) - 6 units
- Replace package A/C units in building K (Room #32-34) - 4 units
- Replace heating units in in building L (Locker Rooms) with package A/C units - 2 units
- Replace package A/C units in building M (Gymnasium) - 1 unit
- Replace package type and split type A/C units in building D (MPR/Cafeteria and Kitchen) - 2 units

Estimated Cost: $450,000

e. Plumbing Fixtures

- Replaced worn stainless steel sinks and faucets in building A (Room #5-12) with new.
- Replace stained porcelain sink in building B (Nurse's Room) and H (Room #28 and 30) with stainless sinks and faucets.
- Install emergency eyewash to Science Labs in building G (Room #24), Rooms D5 and D6.

Estimated Cost: $39,000

VIII. MPR AND OTHER FACILITIES

a. Gymnasium/Locker Rooms

Gymnasium

- Repaint doors, plaster walls and acoustic tile ceilings. Replace loose, warped or missing tiles.
- Sand, screen and refinish hardwood floors

Boys and Girls Locker Rooms

- Repaint doors, plaster walls and ceilings.
- Refurbish and repaint athletic and PE lockers
- Install VCT floor finishes

Estimated Cost: $70,000

b. MPR/Cafeteria

- Repaint doors, plaster walls and acoustic tile ceilings. Replace loose, warped or missing tiles.
- Replace VCT floor finishes
- Sand, screen and refinish wooden stage floors

Estimated Cost: $60,000

c. Kitchen/Faculty Lounge

- Repaint doors and ceilings of the kitchen. Replace damaged ceiling boards.
- Repaint doors, walls and ceilings of the Faculty Lounge (Admin building). Re-place carpet/VCT floor finish.

Estimated Cost: $23,000

d. Restrooms

- Repaint doors, drywall walls and ceilings to all restrooms site wide.
- Upgrade the Men, Women and Nurse restrooms in building B (Library). Install ceramic floor and wall tiles. Install new sinks, urinals, water closets, phenolic toilet partitions and T8 lighting fixtures

Estimated Cost: $76,000

e. Portable Classrooms

The school has 12 relocatable classroom (RCR) buildings and 1 relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

- Room # P6 thru P12, P16 and T13 range from 24 to 26 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building.
- Room # P4 is 13 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.).
- The relocatable restroom building is 25 years old. Complete floor, wall, ceilings and fixtures upgrades (linoleum floors and FRP walls to ceramic tiles, metal partitions to phenolic, etc.) is anticipated to cost more than 50% of the cost of a new relocatable restroom. Remove old building and replace with new relocatable restroom building.
- Room #P2 and P3 are leased relocatable classrooms. Repairs and upgrades are lessor's responsibility.

Estimated Cost: $993,000

Total Estimated Cost: $7,351,000

SOUTHRIDGE MIDDLE SCHOOL NEEDS ASSESSMENT

SITE DATA



Southridge Middle School
14500 Live Oak Ave
Fontana, CA 92337

Enrollment Data:

Capacity:	988*
CALPADS Enrollment (2013/14)	1,070
Grades	6-8

Facilities Inventory

Site:

Site Acreage (net usable)	200 acres
Permanent Buildings	
Year first occupied	1987

Classrooms:

Permanent Classrooms	29
Portable Classrooms:	9

Building Area (sqft);

Permanent	45,601 square feet
Portable	11,520 square feet
Total	57,121 square feet

Subsidiary facilities :

Library	2,889 square feet
Multi-Purpose	3,226 square feet
Kitchen	3,008 square feet
Gymnasium	8,900 square feet

Administration

Offices	4,790 square feet
Staff Breakroom	1,024 square feet
Staff Workroom	0

Restrooms Fixtures:

Staff	15
Boys	21
Girls	17

* Capacity based on District loading standards

BACKGROUND

Southridge Middle School opened in September 1987 in a facility comprised of eleven permanent buildings that housed the administration offices, 37 classrooms, a library, a multi-purpose room/cafeteria, a kitchen, a gymnasium, boys and girls locker rooms, faculty workrooms and restrooms. Twelve relocatable classroom buildings were later added to the campus during the period from 1992 thru 2001 to accommodate increasing student enrollment in the area. As of 2014, the school has 37 permanent classrooms and 12 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, basketball courts, tennis courts, running track, grass football and baseball play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe parking lots east of campus
- Patch cracks, slurry seal and restripe 3 entrance driveways to parking lots east of campus. Repaint curbs.
- Patch cracks, slurry seal and restripe fire lane north of campus. Repaint curbs.

Estimated Cost: $123,000

b. Parking Lot & Exterior Lighting

- Upgrade/replace the old marquee sign in front of school. (Currently broken).
- Replace the old parking lot lighting poles and fixtures.

Estimated Cost: $58,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry seal and restripe hard courts/blacktop areas southwest of campus

Estimated Cost: $116,000

b. Playfields & Grass Areas

- Restore irrigation and replant shrubs & flowers in planter boxes throughout the site;
- Backfill, restore irrigation and replant around trees adjacent to the Girls' Locker Room.

Estimated Cost: $45,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear
- Clean/service the distribution panels/sub-panels

Estimated Cost: $10,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/replace the old, existing, non-automatic fire alarm system for the whole campus. Replace old conduits as needed

Estimated Cost: $600,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace Master clock and bell system

Estimated Cost: $60,000

d. Technology/Data

- See Appendix c—Technology

e. Intrusion/Security

- Upgrade existing video-surveillance system with new monitors/controls and 30 cameras site wide

Estimated Cost: $292,000

f. Energy Management System (EMS)

- Upgrade/replace existing old HVAC EMS system (control modules. wires, conduits, boxes, etc.) with new (Carrier i-Vu CCN) system - 50 rooftop units.
- Upgrade/replace existing exterior lighting and parking lot lighting controls (EMS, time clocks, wirings, etc.) Connect to the new centralized district EMS).

Estimated Cost: $300,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in buildings A (Admin/Library), B (MPR/Kitchen) and H (Rm #101-107) - 19,505 SF
- Replace built-up roof system in building C (Room #527-533) and E (Rm #419-426) - 16,180 SF
- Replace built-up roof system in building D (Rm #208-211) and G (Rm #312-218) - 13,210 SF
- Replace built-up roof system in building F (Boys and Girls Locker Rooms) and J (Gymnasium) - 12,635 SF

Estimated Cost: $705,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2004

Estimated Cost: $206,000

c. Windows

- None

d. Exterior Doors

- Replace all doors and hardware (locksets, panic devices closers, etc.) site wide

Estimated Cost: $350,000

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT tile floor finishes in buildings A (Library, Computer Lab), C (Room #527-533), D (Room #208-211), E (Room #419-426), G (Room #312-318), and H (Room #101-107).

Estimated Cost: $300,000

b. Walls

- Repaint drywall walls in building A (Administration offices) and B (Band Room)
- Install vinyl tack board wall panels in classrooms, building A (Library and Computer Lab), C (Room #527-533), E (Room #419-420), G (Room #312-318) and H (Room #101-107)

Estimated Cost: $202,000

c. Ceilings

- Repaint ceilings in buildings A (Administration offices, Library, Computer Lab), B (Band Room), C (Room #527-533), D (Room #208-211), E (Room #419-426), G (Room #312-318) and H (Room #101-107)

Estimated Cost: $90,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- Install specialized cabinets and shelves in the Band Room for musical instruments and equipment
- Replace acid resistant countertops and sinks in the Science Labs, C (Room #533) and E (Room #424, 425 and 426)

Estimated Cost: $213,000

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts.

Estimated Cost: $122,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package type A/C units in building A (Administration office, Library) and B (MPR, Kitchen) -16 units;
- Replace heater units in wings J (Gymnasium) & F (Locker Rooms) with package type A/C units—3 units;
- Replace package type A/C units in classroom buildings, H (Room #101-107), G (Room #312-318) and C (Room #527-533) -19 units;
- Replace package type A/C units in classroom building D (Room #208-211) - 4 units;
- Replace package A/C units in classroom building E (Room #419-425) - 6 units

Estimated Cost: $560,000

e. Plumbing Fixtures

- Replace sinks and faucets in the Administration office and Nurse Room.
- Replace sinks and faucets in classrooms, D (Room #209-211) and E (Room #419-423)
- Replace sinks, faucets and acid traps in science labs, C (Room #533) and E (Room #424-426)

Estimated Cost: $65,000

VIII. MPR AND OTHER FACILITIES

a. Gymnasium/Locker Rooms

Gymnasium

- Repaint doors, walls and ceilings;
- Sand, screen and refinish hardwood floor;
- Replace lighting fixtures to 6 lamp, T-5 hi-bay lighting fixtures;
- Replace electronic scoreboard with LED type with wireless controls
- Replace worn/dilapidated aluminum bleachers along south wall

Boys and Girls Locker Rooms

- Repaint doors, walls and ceilings;
- Patch/repair cracks on concrete floors and install VCT tiles;
- Install VCT flooring in Girls' and Boys' Locker Rooms;
- Replace worn/dilapidated athletic and PE lockers;

Estimated Cost: $1,071,000

b. Multipurpose Room/Cafeteria

- Repaint doors, walls and ceilings.
- Sand and refinish stage floor.

Estimated Cost: $17,000

c. Kitchen/Faculty Lounge

- Repaint doors, walls and ceilings of the kitchen. Install ceramic tile floors;
- Repaint doors, walls and ceilings of the Faculty Lounge (Admin building)

Estimated Cost: $52,000

d. Restrooms

- Repaint doors, drywall walls and ceilings of all restrooms site wide;
- Demo and replace built-in sink countertops and sinks in the Boys and Girls restrooms in building B (MPR/Cafeteria), C (Room #527-523), E (Room #419-426). G (Room #312-318) and H (Room#101-107).

Estimated Cost: $88,000

e. Portable Classrooms

The school has 12 relocatable classroom (RCR) buildings and no relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps;

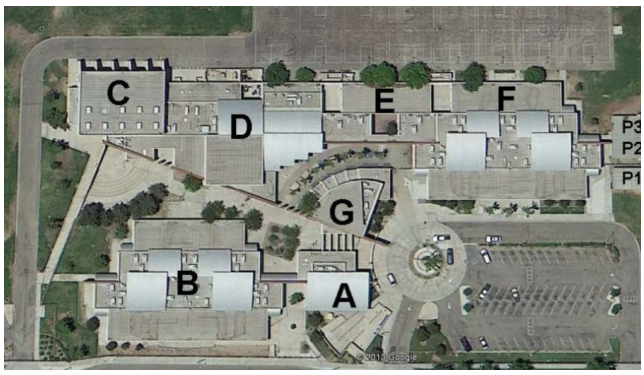
- Room # T7 thru T10 are 27 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building;
- Room # T1 thru T6 are 13 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.);
- Room #T11 and T12 are leased relocatable classrooms. Repairs and upgrades are lessor's responsibility.

Estimated Cost: $598,000

Total Estimated Cost: $6,243,000

TRUMAN MIDDLE SCHOOL NEEDS ASSESSMENT

SITE DATA



Harry S. Truman Middle School
16224 Mallory Drive
Fontana, CA 92335

Enrollment Data:

Capacity:	988*
CALPADS Enrollment (2013/14)	1,240
Grades	6-8

Facilities Inventory

Site:

Site Acreage (net usable)	20.0 acres
Permanent Buildings	
Year first occupied	1996

Classrooms:

Permanent Classrooms	37
Portable Classrooms:	1

Building Area (sqft);

Permanent	51,257 square feet
Portable	2,880 square feet
Total	54,137 square feet

Subsidiary facilities :

Library	4,200 square feet
Multi-Purpose	2,507 square feet
Kitchen	1,904 square feet
Gymnasium	7,025 square feet

Administration

Offices	3,528 square feet
Staff Breakroom	968 square feet
Staff Workroom	504 square feet

Restrooms Fixtures:

Staff	22
Boys	21
Girls	18

* Capacity based on District loading standards

BACKGROUND

Truman Middle School opened in September 1996 in a facility comprised of seven permanent buildings that housed the administration offices, 49 classrooms, a library, a multi-purpose room, a lunch shelter, a kitchen, a gymnasium, boys and girls locker rooms, faculty workrooms and restrooms. Three relocatable classroom buildings were later added to the campus in 1998 to accommodate increasing student enrollment in the area. As of 2014, the school has 49 permanent classrooms and 3 relocatable classrooms. Outdoor facilities include staff and visitors parking/drop-off areas, basketball courts, grass playfields and a baseball field.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe the parking lots (southeast and southwest) and the bus drop off lane south side of campus. Repaint curbs
- Patch cracks, slurry seal, restripe and repaint curbs of all entrance driveways to the parking lots
- Patch cracks, slurry seal, restripe the fire lane along the west side of campus. Repaint curbs

Estimated Cost: $99,000

b. Parking Lot & Exterior Lighting

- Upgrade/replace existing recessed can exterior lighting fixtures with surface mounted type fixtures
- Install bird deterrent spikes on top of parking lot pole lighting fixtures.

Estimated Cost: $34,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, seal coat and restripe basketball hard courts and blacktop areas north side of campus

Estimated Cost: $42,000

b. Playfields & Grass Areas

- Upgrade/replace irrigation controllers (2units - 48 station controllers)
- Repair/restore irrigation system, reseed bald spots of the playfields and grass areas north and west side of campus
- Repair/restore irrigation to the planter boxes site wide and replant bushes, shrubs, flowers or groundcover/grass,

Estimated Cost: $66,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Services

- Clean/service the main switchgear located inside, north side of campus, west of kitchen. Clean/service the newer distribution panels/sub-panels
- Remove generator and transfer switch assemblies

Estimated Cost: $20,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/replace initiating devices (pull-down switches, smoke and heat detectors), notification appliances (bells, horns and strobes) and wirings

  Estimated Cost: $80,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace Master clock and bell System

  Estimated Cost: $63,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade intrusion/security alarm system site wide.
- Upgrade existing video-surveillance system with new monitors/controls and 30 cameras site wide

Estimated Cost: $300,000

f. Energy Management System (EMS)

- Upgrade/replace existing old HVAC EMS system (control modules. wires, conduits, boxes, etc.) with new (Carrier i-Vu CCN) system - 75 rooftop units.
- Upgrade/replace existing exterior lighting and parking lot lighting controls (EMS, time clocks, wirings, etc.). Connect to the new centralized district EMS

Estimated Cost: $425,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in building C (Gym, Boys and Girls PE) and D (Weber Hall and Music Rooms) - 19,600 SF
- Restore built-up roof system in building A (Admin Offices) and G (Library) - (6,192 SF)
- Replace built-up roof system in building B (Village B: Rm #B3-B34) - 15,460 SF
- Replace built-up roof system in building E (Kitchen/Lunch Shelter and F (Village A: Rm # A3 -A34) - 21,484 SF

Estimated Cost: $671,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 1997

Estimated Cost: $212,000

c. Windows

- None

d. Exterior Doors

- Replace all doors and hardware (locksets, panic devices closers, etc.) site wide

Estimated Cost: $460,000

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/tile in building A (Administration offices, Nurse Room), B (Village B classrooms), F (Village A classrooms) and G (Library, Room # G7)

Estimated Cost: $345,000

b. Walls

- Replace vinyl tack board wall panels in building A (Administration office, Nurse Room), B (Village B classrooms), F (Village A classrooms) and D (Room #C20—Music)

Estimated Cost: $172,000

c. Ceilings

- Repaint ceilings in building A (Administration offices, Nurse Room), B (Village B classrooms), F (Village A classrooms) and D (Room #C20—Music). Replace damaged tiles

Estimated Cost: $45,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- Replace plastic laminate counters and shelves in building A (Administration offices, Nurse Room), B (Village B classrooms), F (Village A classrooms) and G (Library, Room # G7)
- Replace/install safe locks of the instrument lockers in the Robotics Classroom (A46)

Estimated Cost: $384,000

b. Lighting Fixtures

- Upgrade/replace lighting fixtures in the Lunch Shelter. Install fixtures at a height below the bird netting to allow ease of maintenance/lamp replacements
- Upgrade/replace the Library lighting system from metal halide (MVR) to T-5 fluorescent system
- Replace all exit lights/exit sign fixtures with exit light type with down lights (exit/emergency combo?) and battery backup power to eliminate generator UPS system
- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, workrooms and other spaces school wide with compatible 1-2 lamp T8 ballasts.

Estimated Cost: $201,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C units in building A (Administration) - 2 units
- Replace packaged A/C units in classroom building B (Village B) and F (Village A) - 50 units
- Replace packaged A/C units in the Hallways of building B (Village B and F) - 6 units
- Replace package A/C unit in building G (Library)—4 units
- Replace package A/C unit in building D (Kitchen) - 1 unit
- Replace package A/C units in building D (Weber Hall) - 1 unit
- Replace split A/C units in the Server Room/Data rooms site wide. Install units with higher capacity over existing— 6 units
- Install new A/C to building C (Gymnasium and Locker Rooms)

Estimated Cost: $820,000

e. Plumbing Fixtures

- Replace sinks, faucets and bubblers in building A (Administration offices, Nurse Room), and classrooms in building B (Village B classrooms) and F (Village A classrooms).
- Replace emergency eyewash equipment in science labs (Room A16 and A31).

Estimated Cost: $82,000

VIII. MPR AND OTHER FACILITIES

a. Gymnasium/Locker Rooms

Gymnasium

- Upgrade/replace the gymnasium lighting fixtures from metal halide (MVR) to T-5 lighting fixtures;
- Repaint doors, walls and ceilings. Replace loose, warped, damaged or missing acoustic wall/ceiling tiles;
- Sand, screen and refinish hardwood floors;
- Replace 8 tier bleachers along south wall;

Boys and Girls Locker Rooms

- Patch/repair cracks on concrete floor. Install VCT floor tiles;
- Repaint doors, walls and ceilings;

Estimated Cost: $200,000

b. MPR/Cafeteria

- Upgrade/replace the gymnasium lighting fixtures from metal halide (MVR) to T-5 lighting fixtures;
- Repaint doors, walls and ceilings;
- Sand and refinish hardwood stage floor.

Estimated Cost: $28,000

c. Kitchen

- Repaint doors, walls and ceilings of the kitchen;
- Repaint doors, walls and ceilings of the Faculty Lounge. Replace VCT floor tiles.

Estimated Cost: $10,000

d. Restrooms

- Repaint doors, walls and ceilings of all restrooms site wide;
- Demo old, rusty trough sinks and fixtures of the Boys and Girls restrooms and replace with new stainless steel sinks and faucets

Estimated Cost: $46,000

e. Portable Classrooms

The school has 3 relocatable classroom (RCR) buildings and no relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps;

- Room # P2 and P3 are 16 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.);
- Room # P1 is a leased relocatable classroom. Repairs and upgrades are lessor's responsibility.

Estimated Cost: $70,000

Total Estimated Cost: $4,875,000

FACILITIES NEEDS ASSESSMENT

HIGH SCHOOLS
SITE ASSESSMENTS



FONTANA HIGH SCHOOL NEEDS ASSESSMENT

SITE DATA



Fontana High School
9453 Citrus Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	3,120*
CALPADS Enrollment (2013/14)	2,475
Grades	9-12

Facilities Inventory

Site:

Site Acreage (net usable)	41.75 acres
Permanent Buildings	
Year first occupied	1952

Classrooms:

Permanent Classrooms	102
Portable Classrooms:	17

Building Area (sqft);

Permanent	136,940 square feet
Portable	32,640 square feet
Total	169,580 square feet

Subsidiary facilities :

Library	5,472 square feet
Multi-Purpose	5,469 square feet
Kitchen	4,166 square feet
Gymnasium	8,282 square feet
Theatre	11,025 square feet

Administration

Offices	5,258 square feet
Staff Breakroom	
Staff Workroom	

Restrooms Fixtures:

Staff	54
Boys	55
Girls	50

* Capacity based on District loading standards

BACKGROUND

Fontana High School opened in September 1952. The current facility is comprised of twenty three permanent buildings that house the administration offices, 111 classrooms, a library and career center, an automotive and Ag education facility, an auditorium and performing arts building, a girls gymnasium and locker rooms, a boys gymnasium and locker rooms, a cafeteria and kitchen facility, computer labs and science labs, faculty workrooms and restrooms. In addition, the facility includes thirty three relocatable classroom buildings and three relocatable restroom buildings which were added to the campus during the period from 1989 thru 1990 to accommodate increasing student enrollment in the area. As of 2014, the school has 111 permanent classrooms and 33 relocatable classrooms. Outdoor facilities include staff, student and visitors parking/drop-off areas, a swimming pool facility, basketball courts, tennis courts, grass soccer fields, softball and baseball play fields. The campus houses a grass football field and dirt running tracks. The football facility currently has high mast lighting, permanent home and visitors grandstands and concession buildings.

I. GROUNDS AND SITE WORK

a. Parking, Driveways & Fire Lanes

- Patch cracks, slurry seal and restripe north, northeast and south side parking lots.

Estimated Cost: $307,000

b. Parking Lot & Exterior Lighting

- Upgrade parking lot pole lighting systems campus wide.
- Install additional pole lights to the east, north, west and south parking areas of the campus. Replace 2 old light poles in the east parking lot.

Estimated Cost: $250,000

c. Pathways & Walkways

- None

d. ADA Access

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry seal and restripe basketball hard courts and the asphalt paved areas between E, J and M buildings and around the portable class-rooms.

Estimated Cost: $193,000

b. Playfields & Grass Areas

- Redesign/upgrade J.V. baseball field. Consider installing new softball fields in the unused field next to the J.V. field. Install an isolation valve at the varsity baseball field
- Install new water meter and service line from the gate at Oleander Ave, by the tennis courts to the 4in backflow valve at the varsity baseball field and discon-nect from existing main.
- Install new main and meter at San Bernardino Ave. by the Ag department for future needs. Replace all remaining hydraulic valves that remain on campus.
- Abate gopher infestation in the baseball fields. Backfill holes, re-grade and replant grass.
- General - repair/restore irrigation systems to planter boxes/ landscaped areas campus-wide and replant grass, bushes, shrubs and flowers.

Estimated Cost: $1,140,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- Replace bent and rusted sections of chain link fences and gates in the north and south perimeter of the campus.

Estimated Cost: $50,000

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear
- Clean/service the distribution panels/sub-panels

Estimated Cost: $60,000

b. Water

- Upgrade/replace main water service valves, meters, regulators and backflow preventers.
- Re-pipe service main line and laterals to buildings.
- Install backflow for fire water main

Estimated Cost: $947,000

b. Gas

- Upgrade/replace main gas service valves, meters, regulators and repipe main line. (61 years old)
- Re-pipe service main line.

Estimated Cost: $250,000

d. Storm/Sewage

- Upgrade/replace old sewage collection piping system mains and laterals to buildings.

Estimated Cost: $983,000

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Replace initiating devices (pull-down switches, smoke and heat detectors), notification appliances (bells, horns and strobes) and wirings.

Estimated Cost: $850,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace master clock and bell System

Estimated Cost: $154,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade/replace existing intrusion/security alarm systems site wide. (multiple systems in place — some are new, most are obsolete). Consolidate into single system (recommend BOSCH D-9412 GV4 panel).

- Upgrade existing video-surveillance system with new monitors/controls and 60 cameras site wide.

Estimated Cost: $746,000

f. Energy Management System (EMS)

- Upgrade/replace existing HVAC EMS system (control modules, conduits, wires, etc.) with new (Carrier i-Vu CCN) system;
- Upgrade/replace existing exterior lighting and parking lot lighting controls. Connect to the new centralized district EMS

Estimated Cost: $475,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof of building B (Library), C (Science), G (History) and Q (Language Arts).—55,965 SF;
- Replace built-up roof of building D (Mathematics), E (Homemaking), H (Business) and R (English) - 61,760 SF;
- Restore built-up roof of building F (Art, PE, Band and Choral Room), and A (Administration building) - 51,005 SF;
- Replace built-up roof of building K (Girls Gym), L (Locker Rooms), PE (Weight Room) and M (Boys Gym); - 61,250
- Replace built-up roof of building S (Shop 1, ROTC and Woodshop) and T (Shop 2) - 34,950 SF).

Estimated Cost: $2,272,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2003.

Estimated Cost: $713,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency.

  Estimated Cost: $1,450,000

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet and VCT tile floor finishes in building B (Library), C (Science Classrooms, Computer Lab)), D (Mathematics classrooms), E (Home making classrooms), F (Art, Band and Choral Room) and ST (Computer Labs).

  Estimated Cost: $316,000

b. Walls

- Repaint walls of building A (Administration), F (Art, Band and Choral Room), P (Auto Shop), S (Shop 1, ROTC), T (Shop 2) and AG (Welding Shop).

- Install vinyl tack board wall panels to building B (Library), C (Science classrooms), D (Math classrooms), E (Home making classrooms), G (History classrooms), H (Business classrooms), Q (Language Arts classrooms) and R (English classrooms).

  Estimated Cost: $504,000

c. Ceilings

- Repaint ceilings in building A (Administration), B (Library), C (Science Classrooms, Computer Lab)), D (Mathematics classrooms), E (Home making classrooms), F (Art, Band and Choral Room), G (History classrooms), H (Business classrooms), P (Auto Shop), Q (Language Arts), R (English). S (Shop 1, ROTC), T (Shop 2), ST (Student) and AG (Welding Shop). Replace loose, warped, damaged or missing ceiling tiles and boards;

  Estimated Cost: $441,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- Replace old/dilapidated casework in building A (Administration), B (Library), C (Science Classrooms, Computer Lab)), D (Mathematics classrooms), E (Home making classrooms), F (Art, Band and Choral Room), G (History classrooms), H (Business classrooms), Q (Language Arts), R (English). S (Shop 1, ROTC) and ST (Science and Computer Labs).

Estimated Cost: $780,000

b. Lighting Fixtures

- Retrofit/replace all remaining T-12 lighting fixtures to T-8. Replace T8 fluorescent lighting ballasts with compatible 1-2 lamp T8 ballasts in permanent classrooms, offices and workrooms school wide;
- Replace lighting fixtures in the Auto shops (P building);
- Replace stadium lighting system.

Estimated Cost: $741,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C units in buildings AG (Ag Department), C (Science Classrooms, Computer Lab)), D (Mathematics classrooms), E (Home making classrooms), G (History classrooms), H (Business classrooms), J (MPR and Cafeteria), P (Auto Shop), Q (Language Arts), R (English), S (Shop 1, ROTC) and T (Shop 2)
- Replace package A/C units on the Telecom/Data Room;
- Replace heating, evaporative cooling and A/C units on Building M (Gymnasium) with new package units.

Estimated Cost: $1,170,000

e. Plumbing Fixtures

- Replace sinks and faucets in building C (Science Classrooms), D (Mathematics classrooms), E (Home making classrooms), G (History classrooms), H (Business classrooms), Q (Language Arts), R (English). S (Shop 1, ROTC), and ST (Student, Science).

Estimated Cost: $143,000

VIII. MPR AND OTHER FACILITIES

a. Gymnasium/ Locker Rooms

Main Gymnasium/Boys Gym

- Repaint doors and walls
- Sand, screen and refinish hardwood floor
- Upgrade/replace lighting fixtures in the Main gym and the Auxiliary gym to new T-5 lighting system.

Auxiliary Gymnasium/Girls Gym

- Repaint doors and walls
- Sand, screen and refinish hardwood floor
- Upgrade/replace lighting fixtures in the Main gym and the Auxiliary gym to new T-5 lighting system.

Boys and Girls Locker Rooms

- Repaint doors, walls and ceilings
- Install VCT floor tiles on concrete floor
- Refurbish/repaint athletic and PE lockers

Estimated Cost: $290,000

b. Auditorium/Performing Arts

- Repaint doors, walls and ceilings
- Refurbish auditorium seating. Replace damaged, broken and missing seats

Estimated Cost: $85,000

c. Cafeteria/Kitchen/Teachers Dining

Cafeteria

- Repaint doors, walls and ceilings
- Replace loose, warped, damaged and missing acoustic ceiling tiles

Kitchen

- Repaint doors and walls. Replace damaged FRP wall panels.
- Install ceramic tiles on concrete floors
- Repaint ceilings. Replace damaged washable ceiling boards

Teachers Dining/Faculty Lounge

- Repaint doors, walls and ceilings. Replace loose, warped, damaged or missing ceiling tiles.

Estimated Cost: $202,000

d. Restrooms

- Repaint doors, walls & ceilings of all restrooms site wide.
- Replace the vandalized/broken toilet partitions and plumbing fixtures in the men and women restrooms in building J (Cafeteria/Kitchen), boys and girls re-strooms in building ST (Student),
- Replace the vandalized/broken toilet partitions and plumbing fixtures in the boys and girls restrooms in building V (Snack Bar-Home)

- Upgrade/modernize the Boys, Girls and Unisex restrooms in building P (Auto Shop). Install ceramic floor and wall tiles. Install new sinks, urinals, water closets, phenolic partitions and T8 lighting fixtures

- Upgrade/modernize the kitchen staff restroom in building J (Cafeteria/Kitchen). Install ceramic floor and wall tiles. Install new sinks, urinals, water closets, and T8 lighting fixtures

Estimated Cost: $187,000

e. Portable Classrooms

The school has 33 relocatable classroom (RCR) buildings and 3 relocatable restroom buildings. Except for the Rm # M101 which is 1,160 sq ft, each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restrooms are 480 square foot units with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

- Room # 31 thru 53, 55 thru 61, PO30, AG4 and AG5 range from 24 to 26 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building.

- All 3 relocatable restroom buildings are 25 years old. Complete floor, wall, ceilings and fixtures upgrades (linoleum floors and FRP walls to ceramic tiles, metal partitions to phenolic, etc.) is anticipated to cost more than 50% of the cost of a new relocatable restroom. Remove old buildings and replace with new relocatable restroom buildings.

Estimated Cost: $3,456,000

Other Facilities Needs

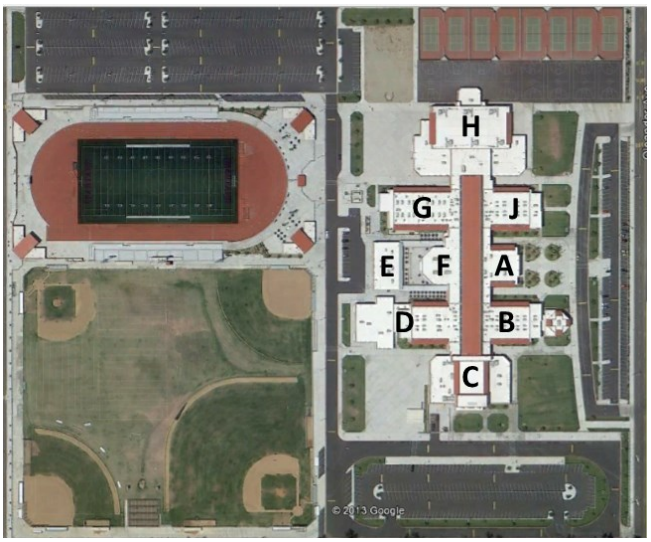
- Upgrade/replace existing grass football field with synthetic football turf.
- Upgrade/replace existing decomposed granite running tracks with synthetic running track.
- Construct Home and Visitor concession buildings complete with snack bar and restrooms.
- Install new football scoreboard.

  Estimated Cost: $3,153,000

Total Estimated Cost: $22,308,000

JURUPA HILLS HIGH SCHOOL NEEDS ASSESSMENT

SITE DATA



Jurupa Hills High School
10700 Oleander Ave
Fontana, CA 92335

Enrollment Data:

Capacity:	2,002*
CALPADS Enrollment (2013/14)	2,128
Grades	9-12

Facilities Inventory

Site:

Site Acreage (net usable)	45.38 acres
Permanent Buildings	
Year first occupied	2010

Classrooms:

Permanent Classrooms	77
Portable Classrooms:	0

Building Area (sqft);

Permanent	106,424 square feet
Portable	0 square feet
Total	106,424 square feet

Subsidiary facilities :

Library	6,400 square feet
Multi-Purpose	7,289 square feet
Kitchen	5,324 square feet
Gymnasium	17,705 square feet
Theatre	5,336 square feet

Administration

Offices	5,040 square feet
Staff Breakroom	1,895 square feet
Staff Workroom	0 square feet

Restrooms Fixtures:

Staff	18
Boys	85
Girls	74

* Capacity based on District loading standards

BACKGROUND

Jurupa Hills High School opened in August 2010 in a facility comprised of ten permanent buildings that housed the administration offices, 81 classrooms, computer labs, science labs, a library, a multi-purpose room, a cafeteria/dining rooms, a kitchen, a performing arts theater, a gymnasium, boys and girls locker rooms, faculty workrooms and restrooms. As of 2014, no permanent buildings or relocatable classroom buildings were added to the school facility. Outdoor facilities include 3 staff, student and visitors parking/drop-off areas, basketball courts, tennis courts, grass softball and baseball play fields. The campus houses a football stadium complete with synthetic running tracks, synthetic turf football field, high mast lighting, permanent home and visitors grandstands and concession buildings.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- None

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Slurry seal and restripe the basketball hard court areas north of campus

Estimated Cost: $58,000

b. Playfields & Grass Areas

- Upgrade irrigation controllers (4units - 48 station controllers)

Estimated Cost: $32,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear
- Clean/service the distribution panels/sub-panels

Estimated Cost: $20,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Relocate/re-mount all motion sensors site-wide to lower elevations.

  Estimated Cost: $24,000

f. Energy Management System

- Upgrade/replace existing old HVAC EMS system (control modules. wires, conduits, boxes, etc.) with new (Carrier iVu CCN) system—80 rooftop units

  Estimated Cost: $377,000

V. BUILDING ENVELOPE

a. Roofing

- None

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2010

  Estimated Cost: $491,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT floor finishes in Art Rooms D100A, D101A and preparation rooms.

  Estimated Cost: $30,000

b. Walls

- None

c. Ceilings

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Evaluate the compatibility between the existing Douglas lighting control system and the lighting fixtures that were recently retrofitted with T8 ballasts and lamps. Restore to "As-Built" condition if needed to ensure that daylight shedding and energy saving features of the system are optimized.

  Estimated Cost: $75,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- None

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Gymnasium

- None

b. Kitchen

- None

c. Restrooms

- None

d. Portable Classrooms

- None

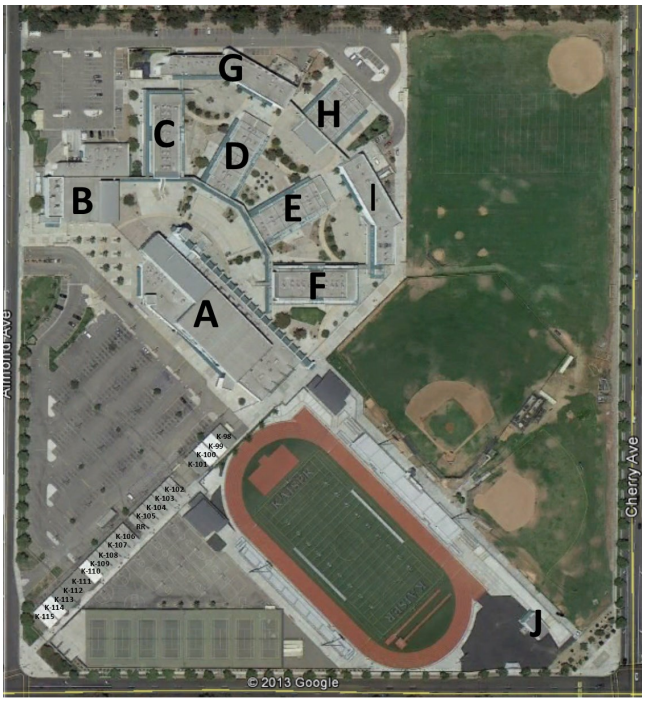
e. Other Facilities Needs

- Construct college/high school standard short course swimming pool

  Estimated Cost: $1,575,000

Total Estimated Cost: $2,682,000

SITE DATA



Henry J. Kaiser High School
11155 Almond Ave
Fontana, CA 92337

Enrollment Data:

Capacity:	2,392*
CALPADS Enrollment (2013/14)	2,424
Grades	9-12

Facilities Inventory

Site:

Site Acreage (net usable)	38.6 acres
Permanent Buildings	
Year first occupied	1998

Classrooms:

Permanent Classrooms	74
Portable Classrooms:	18

Building Area (sqft);

Permanent	109,830 square feet
Portable	17,280 square feet
Total	127,110 square feet

Subsidiary facilities :

Library	9,015 square feet
Multi-Purpose	7,661 square feet
Kitchen	9,433 square feet
Gymnasium	12,897 square feet
Theatre	0 square feet

Administration

Offices	5,040 square feet
Staff Breakroom	720 square feet
Staff Workroom	0 square feet

Restrooms Fixtures:

Staff	24
Boys	66
Girls	58

* Capacity based on District loading standards

BACKGROUND

Kaiser High School opened in June 1999 in a facility comprised of nine permanent buildings that housed the administration offices, 98 classrooms, computer labs, science labs, a library, a multi-purpose room, a cafeteria/dining rooms, a kitchen, a gymnasium, boys and girls locker rooms, faculty workrooms and restrooms. Eighteen relocatable classroom buildings and two relocatable restroom buildings were later added to the campus during the period from 2001 thru 2007 to accommodate increasing student enrollment in the area. As of 2014, the school has 98 and 18 relocatable classrooms. Outdoor facilities include 3 staff, student and visitors parking/drop-off areas, basketball courts, tennis courts, grass softball and baseball play fields. The campus houses a football stadium complete with synthetic running tracks, synthetic turf football field, high mast lighting, permanent home and visitors grandstands and concession buildings.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal, and re-stripe drop-off area in front of Building H, and the parking areas in the north and west side of campus. Repaint curbs.
- Patch cracks, slurry seal, and re-stripe all five entrance driveways to the campus. Repaint curbs.
- Patch cracks, slurry seal and repaint curbs of fire lane northeast of building H.

Estimated Cost: $388,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry seal and restripe basketball and tennis courts south of campus

Estimated Cost: $116,000

b. Playfields & Grass Areas

- Upgrade/replace irrigation controllers (4units - 48 station controllers)
- Repair, restore or replace sections of the synthetic running track that show damage and separations along the edges.
- Abate gopher infestation, re-grade deteriorated/damaged grass playfields, re-seed/plant grass and fertilize.

Estimated Cost: $92,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear, substations A/B
- Clean/service the distribution panels/sub-panels
- Replace the undersized feeder wires to the portables

Estimated Cost: $40,000

b. Water

- None

c. Gas
- None

d. Storm/Sewage

- Fix sewer lines servicing the portable restrooms

Estimated Cost: $15,000

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Replace initiating devices (pull-down switches, smoke and heat detectors), notification appliances (bells, horns and strobes) and wirings.

Estimated Cost: $101,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace master clock/bell system.

Estimated Cost: $125,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrades/replace the intrusion/security alarm system site wide;
- Upgrade existing video-surveillance system with new monitors/controls and 60 cameras site wide.

Estimated Cost: $647,000

f. Energy Management System (EMS)

- Upgrade/replace existing old HVAC EMS system (control modules, sensors. wires, conduits, boxes, etc.) with new (Carrier i-Vu CCN) system - 125 rooftop units

- Upgrade/replace existing exterior lighting and parking lot lighting controls (EMS, time clocks, wirings, etc.). Connect to the new centralized district EMS.

Estimated Cost: $700,000

V. BUILDING ENVELOPE

a. Roofing

- Restore built-up roof of building A (Administration, Library, Gymnasium, class-rooms) - 39,628 SF

- Restore built-up roof of building B (MPR, Cafeteria, Kitchen, Faculty Dining) and C (Room #C108-C126, #C201-C215) - 27,280 SF

- Restore built-up roof of building D (Room #D110-D122) and E (Room #E (Room #E110-E122) - 21,000 SF

- Restore built-up roof of building G (Room #G101-G135, #G201-G209) and H (Room #H115-122) - 21,922 SF

- Restore built-up roof of building I (Room #I103-I118, #I201-I203) and F (Room #F108-F125, #F201-F215) - 17,380 SF

Estimated Cost: $1,024,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 1999

Estimated Cost: $510,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT floor finishes in building A (Library), C (Room #C108-C126, #C201-C215), D (Room #D110-D122), E (Room #E110-E122), F (Room #F108-F125, #F201-F215), G (Room #G120, G130 and G135), H (Room #H115-122) and I (Room #I113, I115, I118 and I203) .

  Estimated Cost: $578,000

b. Walls

- Repaint drywall walls in building A (Administration offices, Library), G (Room #G101-G135, #G201-G209), H (Room #H115-122) and I (Room #I103- I118).

  Estimated Cost: $85,000

c. Ceilings

- Replace loose, warped, stained or damaged acoustic ceiling boards in building A (Administration offices, Library, PE classrooms), C (Room #C201-C215), D (Room #D110-D122), E (Room #E110-E122), F (Room #F201-F215), G (Room #G201-G209), and I (Room #I103, 113, I114, I118 and I203) .

  Estimated Cost: $56,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- Replace worn/damaged cabinets and countertops in classrooms ; C (Room C#108-C125,#C201-C215), D (Room #D110-D122), E (Room #E110-E122), F (Room #F108-F125, #F201-F215), G (Room #G120 and G1230), and I (Science Labs; Room #I113, I115, I118 and I203) .

  Estimated Cost: $418,000

b. Lighting Fixtures

- Upgrade/replace the old exit signs site wide
- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts.

Estimated Cost: $343,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- None

e. Plumbing Fixtures

- Replace stained/damaged sinks and faucets in classrooms, building C (Room C#108-C125,#C201-C215), F (Room #F108-F125, #F201-F215), and I (Science Labs; Room #I113, I115, I118 and I203) .

Estimated Cost: $94,000

VIII. MPR AND OTHER FACILITIES

a. Gymnasium/ Locker Rooms

Gymnasium

- Repaint doors and walls;
- Sand, screen and refinish the hardwood floor;
- Upgrade/replace gymnasium electronic scoreboards with LED type with wireless controls;

Boys and Girls Locker Rooms

- Repaint doors, walls and ceilings. Repair cracked/damaged sections of plastered walls.
- Patch and seal concrete floors. Install VCT flooring.

Estimated Cost: $157,000

b. MPR/Cafeteria

- Upgrade/replace lighting system and controls;
- Repaint doors, walls and ceiling;
- Sand, screen and refinish hardwood stage floor.

Estimated Cost: $78,000

b. Kitchen/Faculty Lounge

- None

c. Restrooms

- Repaint doors, walls & ceilings of all restrooms site wide
- Remove graffiti on partitions, polish and refinish.

Estimated Cost: $55,000

d. Portable Classrooms

The school has 18 relocatable classroom (RCR) buildings and 2 relocatable restroom buildings. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restrooms are 480 square foot units with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

- Room # K98 thru 99, K110 and K112 thru K114 are 25 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building.

- Room # K102 thru K109 are 13 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

- The two relocatable restroom buildings are 13 and 25 years old. Complete floor, wall, ceilings and fixtures upgrades (linoleum floors and FRP walls to ceramic tiles, metal partitions to phenolic, etc.) is anticipated to cost more than 50% of the cost of a new relocatable restroom. Remove old buildings and replace with new relocatable restroom buildings.

  Estimated Cost: $1,250,000

e. Other Facilities Needs

- Construct a college/high school standard short course swimming pool.

  Estimated Cost: $1,575,000

Total Estimated Cost: $8,447,000

A.B. MILLER HIGH SCHOOL — NEEDS ASSESSMENT

SITE DATA

A.B. Miller High School
6821 Oleander Ave
Fontana, CA 92336

Enrollment Data:

Capacity:	3,458*
CALPADS Enrollment (2013/14)	2,473
Grades	9-12

Facilities Inventory

Site:

Site Acreage (net usable)	50.64 acres
Permanent Buildings	
Year first occupied	1991

Classrooms:

Permanent Classrooms	87
Portable Classrooms:	13

Building Area (sqft);

Permanent	169,222 square feet
Portable	14,400 square feet
Total	183,622 square feet

Subsidiary facilities :

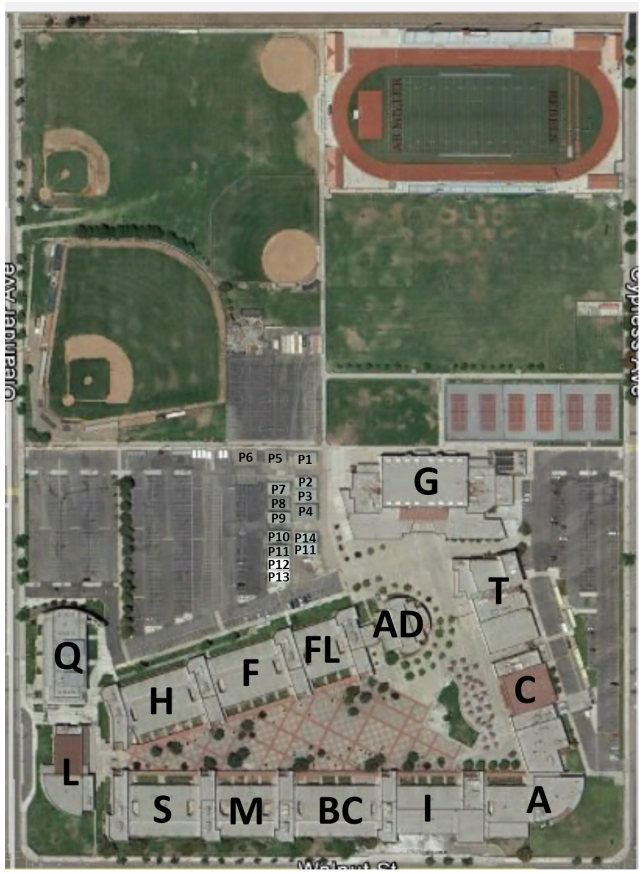
Library	16,910 square feet
Multi-Purpose	7,841 square feet
Kitchen	5,460 square feet
Gymnasium	19,589 square feet
Theatre	6,900 square feet

Administration

Offices	5,460 square feet
Staff Breakroom	4,116 square feet
Staff Workroom	1,188 square feet

Restrooms Fixtures:

Staff	57
Boys	69
Girls	54



* Capacity based on District loading standards

BACKGROUND

A.B. Miller High School opened in September 1991 in a facility comprised of fifteen permanent buildings that housed the administration offices, 155 classrooms, computer labs, science labs, a library, a multi-purpose room, a performing arts theater, a cafeteria/dining rooms, a kitchen, a gymnasium, boys and girls locker rooms, faculty workrooms and restrooms. Fifteen relocatable classroom buildings were later added to the campus during the period from 1996 thru 2002 to accommodate increasing student enrollment in the area. As of 2014, the school has 155 permanent classrooms and 15 relocatable classrooms. Outdoor facilities include 2 staff, student and visitors parking/drop-off areas, basketball courts, tennis courts, a soccer field, grass softball and baseball play fields. The campus houses a football stadium complete with synthetic running tracks, synthetic turf football field, high mast lighting, permanent home and visitors grandstands and concession buildings.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe east and west parking lots
- Patch cracks, slurry seal, and restripe fire lanes site wide. Repaint markings and curbs.
- Patch cracks, slurry seal, restripe and repaint curbs to all 4 entrance/exit driveways to the east and west parking lots
- Patch cracks, slurry seal and restripe the bus drop-off lane east side (parking lot) and west side (street side) of campus. Repaint curbs.

Estimated Cost: $395,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- Replace broken up/uneven concrete north of Room S2 and north of Guidance Office

Estimated Cost: $30,000

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry coat and restripe central portion of west hard courts and the asphalt paved areas around the portables
- Replace all 12 old dilapidated basketball backboards, rims and nets
- Patch cracks, slurry seal and restripe outdoor basketball courts
- Patch cracks in the tennis courts. Repaint/recoat and restripe

Estimated Cost: $136,000

b. Playfields & Grass Areas

- Upgrade irrigation controllers (5units - 48 station controllers)
- Restore irrigation, replant trees, shrubs, flowers and/grass/ground cover to landscaped areas and planter boxes around the school site.
- Repair, restore or replace sections of the synthetic running track that show damage and separations along the edges.
- Re-grade east edge of grass playfields to mitigate standing water/ponding area
- Abate gopher infestation, re-grade deteriorated/damaged grass playfields, re-seed/plant grass and fertilize.

Estimated Cost: $161,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear,480/277W
- Clean/service the distribution panels/sub-panels, 120/208V

Estimated Cost: $20,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/replacement of the head-end components of the existing fire alarm system for the whole campus

Estimated Cost: $700,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace site master clock and bell System

Estimated Cost: $170,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade/replace the intrusion/security alarm system site wide
- Upgrade existing video-surveillance system with new monitors/controls and 60 cameras site wide

Estimated Cost: $802,000

f. Energy Management System (EMS)

- Upgrade/replace existing old HVAC EMS system (control modules, sensors, wires, conduits, boxes, etc.) with new (Carrier i-Vu CCN) system
- Upgrade/replace existing exterior lighting and parking lot lighting controls (EMS, time clocks, wirings, etc.). Connect to the new centralized district EMS

Estimated Cost: $245,000

V. BUILDING ENVELOPE

a. Roofing

- Restore modified bitumen roof system of building A (Art, Room #A1-A9), B (Business, Room#BC1-BC15), C (Cafeteria/Kitchen), I (Industrial: Room #I1-I19), M (Math: Room #M1-M18), S (Science: Room#S1-S14), T (Theater, Band, Vocal), Cafe and L (Library) - 172,166 SF;

- Restore modified bitumen roof system of building F (Social Science: Room #F1—F17), FL (Foreign Language: Room #FL1-FL12) and H (Humanities: Room #H1-H20) - 77,750 SF;
- Restore modified built-up roof system of building G (Gymnasium) - 54,600 SF;
- Replace built-up roof system of building Q (Room #Q103-Q113, #Q202-Q213) - 18,500 SF;
- Replace shingles roofing system of building L (Library, Store) -17,870 SF.

Estimated Cost: $2,595,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2007

Estimated Cost: $752,000

c. Windows

- None

d. Exterior Doors

- Replace all doors and hardware (locksets, panic devices, closers, etc.) site wide

Estimated Cost: $1,455,000

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT floor finishes in classrooms; B (Room #BC5 and BC9), F (Room #F1-F17), H (Room #H1-H20), M (Room #M1-M18), Q (Room #Q105, Q110 and Q112), S (Room #S1-S14), FL (Room #FL1-FL12), and L (Library)
- Recoat epoxy coated concrete floors in building I (Room #I14, I16 and I19)

Estimated Cost: $640,000

b. Walls

- Repaint CMU/drywall building AD (Administration/Attendance offices), A (Art, Room #A1-A9), and I (Industrial: Room #I1-I9), and L (Library)

- Install vinyl tack board wall panels to classrooms in building BC (Room #BC1-BC15), M (Math: Room #M1-M18), S (Science: Room#S1-S14), F (Social Science: Room #F1—F17), FL (Foreign Language: Room #FL1-FL12) and H (Humanities: Room #H1-H20)

Estimated Cost: $622,000

c. Ceilings

- Repaint drywall and acoustic tile ceilings in buildings AD (Administration/ Attendance offices), A (Art, Room #A1-A9), I (Industrial: Room #I1-I9), BC (Room #BC1-BC15), M (Math: Room #M1-M18), and F (Social Science: Room #F1—F17). Replace loose, warped, damaged and/or missing ceiling tiles.

Estimated Cost: $94,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- Upgrade/replace plastic laminate cabinets and countertops in classrooms; S (Science: Room#S1-S14), Q (Science Labs: Room #Q110 and Q112), F (Social Science: Room #F1—F17) and FL (Foreign Language: Room #FL1-FL12)

Estimated Cost: $296,000

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, workrooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $512,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

Major parts and equipment replacements to the 23-year old Chiller and Boiler Plant anticipated to occur in the coming years:

- Upgrades to various sizes of Air Handling Units (AHUs) mounted on rooftops in buildings site wide
- Replacements (and/or rebuilding if economical) to Bell & Gossett pumps and motors in the central plant.
- Installation of speed drives on all Evapco plant motors at the central plant
- Replacements (and/or rebuilding if economical) to Bryan Boilers at the boiler plant

Estimated Cost: $1,400,000

e. Plumbing Fixtures

- Replace stained/damaged porcelain sink and faucets in classrooms; F (Social Science: Room #F1-F17) and FL (Foreign Language: Room #FL1-FL12),
- Replace stained/rusty acid resistant sinks and faucets in classrooms; Q (Science Lab: Room #Q110, Q112, Q209 and Q212) and S (Science Lab: Room #S1-S14).
- Replace hot water heater system in the Locker rooms
- Repair all cooking class faucets

Estimated Cost: $90,000

VIII. MPR AND OTHER FACILITIES

a. Gymnasium/ Locker Rooms

Gymnasium

- Repaint doors and walls
- Sand, screen and refinish hardwood floor

- Replace ceiling T-bars and damaged or missing acoustic tiles
- Remove flexible HVAC ducts and install rigid duct assemblies

Boys and Girls Locker Rooms

- Repaint doors walls and ceilings
- Patch/seal cracks and install VCT tile on concrete floors

Estimated Cost: $216,000

b. Performing arts Theater

- Repaint doors, walls and ceilings. Replace loose, warped or missing ceiling tiles
- Replace carpet floor finishes. Recoat sections of epoxy coated concrete floor.
- Remove Masonite stage floor overlay. Sand & refinish original hardwood floor

Estimated Cost: $66,000

c. MPR/Student Cafeteria

- Repaint doors, walls and ceilings. Replace damaged wall panels
- Replace VCT floor tiles.

Estimated Cost: $109,000

d. Kitchen/Teachers Lounge (in building AD)

- Repaint doors, walls and ceilings of the kitchen.
- Repaint doors, walls and ceilings of the Teachers Lounge.

Estimated Cost: $31,000

e. Restrooms

- Repaint doors, walls & ceilings of all restrooms site wide

Estimated Cost: $76,000

f. Portable Classrooms

The school has 15 relocatable classroom (RCR) buildings and no relocatable restroom building. With the exception of Room # P4 (Special Ed) which is 1,440 sq. ft., each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.

- Room # P5, P6, P8 and P12 are 25 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building

- Room # P1 thru P4, P7, P9 thru P11, and P13 thru 15, range from 12 to 19 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

Estimated Cost: $773,000

e. Other Facilities Needs

- Construct college/high school standard short course swimming pool

Estimated Cost: $1,575,000

Total Estimated Cost: $13,961,000

SUMMIT HIGH SCHOOL NEEDS ASSESSMENT

SITE DATA

Summit High School
15551 Summit Ave
Fontana, CA 92336

Enrollment Data:

Capacity:	2,418*
CALPADS Enrollment (2013/14)	2,463
Grades	9-12

Facilities Inventory

Site:

Site Acreage (net usable)	46.2 acres
Permanent Buildings	
Year first occupied	2006

Classrooms:

Permanent Classrooms	93
Portable Classrooms:	0

Building Area (sqft);

Permanent	123,698 square feet
Portable	0 square feet
Total	123,698 square feet

Subsidiary facilities :

Library	8,395 square feet
Multi-Purpose	7,029 square feet
Kitchen	4,829 square feet
Gymnasium	13,200 square feet
Theatre	0 square feet

Administration

Offices	6,380 square feet
Staff Breakroom	2,184 square feet
Staff Workroom	1,350 square feet

Restrooms Fixtures:

Staff	80
Boys	54
Girls	50



BACKGROUND

Summit High School opened in June 2006 in a facility comprised of eleven permanent buildings that housed the administration offices, 112 classrooms, computer labs, science labs, a library, a multi-purpose room, a cafeteria/dining rooms, a kitchen, a gymnasium, boys and girls locker rooms, faculty workrooms and restrooms. As of 2014, no permanent buildings or relocatable classroom buildings were added to the school facility. Outdoor facilities include 3 staff, student and visitors parking/drop-off areas, basketball courts, tennis courts, grass softball and baseball play fields. The campus houses a grass football field and dirt running tracks. The football facility currently does not have high mast lighting, permanent home and visitors grandstands and concession buildings.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Repair cracks, slurry seal and restripe northwest and southwest parking lots and drop-off areas. Repaint curbs
- Patch cracks, slurry seal and restripe 2 southwest and 2 northwest driveways. Repaint curbs
- Patch cracks, slurry seal and restripe fire lanes north , south and east of buildings. Repaint curbs

Estimated Cost: $487,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Slurry coat and restripe hard courts south of Admin/Gym
- Patch cracks, slurry seal & restripe basketball courts.
- Patch cracks, slurry seal & re-coat tennis courts

Estimated Cost: $105,000

b. Playfields & Grass Areas

- Upgrade irrigation controllers (5units - 48 station controllers)
- Asphalt the remaining dirt patch behind backstops of JV baseball field
- Restore irrigation, re-seed and fertilize grass areas south of building C
- Restore irrigation system and replant bushes, shrubs, flowers, etc. in 11 raised planters in the south parking lot, south and west of Admin building and around E and F buildings
- Remove dead trees between buildings E and F, C and F, north of H building and on the sides of the tennis courts
- Abate gopher infestation. Upgrade, re-level deteriorated/damaged grass play-fields, re-seed and fertilize

Estimated Cost: $137,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- Remove and replace bent post and top rail of the north section of the chain link perimeter fence above the north parking lot and above the running track;
- Replace bent and rusted and sections of chain link fence in the north perimeter of the school site.

Estimated Cost: $13,000

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear,480/277V
- Clean/service the distribution panels/sub-panels, 120/208V

Estimated Cost: $20,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Upgrade/replace the existing, automatic fire alarm systems campus wide to rectify poor installation and incorrect wiring methods

Estimated Cost: $391,000

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace master clock and bell system

Estimated Cost: $123,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing video-surveillance system with new monitors/controls and 60 cameras site wide

Estimated Cost: $150,000

f. Energy Management System (EMS)

- Upgrade/replace existing old HVAC EMS system (control modules, sensors, wires, conduits, boxes, etc.) with new (Carrier i-Vu CCN) system

Estimated Cost: $200,000

V. BUILDING ENVELOPE

a. Roofing

- Restore built-up roof system in building A (Admin/Attendance) and PE (Gymnasium/Boys & Girls Lockers) - 51,100 SF
- Repair built-up roof system in building B (MPR/Cafeteria, Kitchen) and D (Rm #D102-111, D201-210) - 31,158 SF
- Repair built-up roof system in building F (Rm #F101-113, F201-213) and E (Rm #E101-112, E201-213) - 27,550 SF
- Replace built-up roof system in building G (Rm #G101-107, G201-204) and C (Rm #C101--C112, C201-210) - 18,775 SF

- Restore built-up roof system in building J (Rm # J101-1108) and H (Rm #H101 -109, H201-202) - 22,290 SF.

  Estimated Cost: $900,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2005

  Estimated Cost: $497,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT floor finishes in classrooms, E (Rm #E101-112, E201-213), F (Rm #F101-113, F201-213) and G (Rm #G101-107, G201-204)

  Estimated Cost: $448,000

b. Walls

- Repaint walls of building A (Administration offices), L (Library) and classrooms, G (Room #G101-G107, #G201-204), and H (Room #H101-H109, #H201-202)

- Install vinyl tack board panels in classrooms, C (Rm #C101--C112, C201-210), D (Rm #D102-111, D201-210), E (Rm #E101-112, E201-213) and F (Rm #F101 -113, F201-213)

  Estimated Cost: $616,000

c. Ceilings

- Repaint drywall and acoustic tile ceilings of building A (Administration offices), and L (Library).
- Replace warped, stained or damaged acoustic ceiling boards in classrooms G (Room #G101-G107, #G201-204)

Estimated Cost: $40,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $370,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- None

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. Gymnasium/Locker rooms

Gymnasium

- Sand, screen and refinish hardwood floor

Boys and Girls Locker Rooms

- Patch/seal cracks and install VCT tile on concrete floors

Estimated Cost: $86,000

b. MPR/Cafeteria

- Repaint doors, walls and ceilings
- Sand and refinish hardwood stage floor

Estimated Cost: $33,000

c. Kitchen

- None

d. Restrooms

- None

e. Portable Classrooms

- None

f. Other Facilities Needs

- Upgrade/replace existing grass football field with synthetic football turf.
- Upgrade/replace existing decomposed granite running tracks with synthetic running track.
- Construct Home and Visitor concession buildings complete with snack bar and restrooms.
- Construct college/high school standard short course swimming pool.

Estimated Cost: $5,745,000

Total Estimated Cost: $10,361,000

ERIC BIRCH CONTINUATION HIGH SCHOOL NEEDS ASSESSMENT

SITE DATA

Eric Birch Continuation High School
7930 Locust Ave.
Fontana, CA 92336



Enrollment Data:

Capacity:	208*
CALPADS Enrollment (2013/14)	316
Grades	9-12

Facilities Inventory

Site:

Site Acreage (net usable)	9.85 acres
Permanent Buildings	
Year first occupied	1994

Classrooms:

Permanent Classrooms	5
Portable Classrooms:	3

Building Area (sqft);

Permanent	14,733 square feet
Portable	2,880square feet
Total	17,613 square feet

Subsidiary facilities :

Library	644 square feet
Multi-Purpose	3,182 square feet
Kitchen	259 square feet
Gymnasium	0 square feet
Theatre	0 square feet

Administration

Offices	770 square feet
Staff Breakroom	557 square feet
Staff Workroom	0 square feet

Restrooms Fixtures:

Staff	10
Boys	4
Girls	4

BACKGROUND

Birch Continuation High School opened in September 1971 on a temporary facility located at 8330 Locust Ave. On September 1994, the school moved to its new permanent campus facility, at 7930 Locust Avenue, which is comprised of five permanent buildings that house the administration offices, 17 classrooms, a computer lab, a library, a multi-purpose room, a snack bar, PE and weight rooms, faculty workrooms and restrooms. Three relocatable classroom buildings were later added to the campus during the period from 1995 thru 2008 to accommodate increasing student enrollment in the area. As of 2014, the school has 17 permanent classrooms and 3 relocatable classrooms. Outdoor facilities include staff, student and visitors parking/drop-off areas, basketball courts/play areas and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe parking lots south of campus;

  Estimated Cost: $35,000

b. Parking Lot & Exterior Lighting

- Upgrade/replace existing can type exterior lighting fixtures campus wide with Kenall 14 inch square CFL fixtures;

  Estimated Cost: $25,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry seal and re-stripe hard courts and blacktop areas
- Repaint basketball backboards and replace nets.

Estimated Cost: $18,000

b. Playfields and Grass Areas

- Install new ball valves at the RCV"s (Remote Control Valve).
- Upgrade, re-grade deteriorated/damaged sections of the grass playfields, re-seed and fertilize.
- Remove exposed tree roots in the grass playfields west side of campus

Estimated Cost: $61,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

a. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Clean/service the main switchgear;
- Clean/service the distribution panels/sub-panels.

Estimated Cost: $20,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- This facility is still using a septic tank system for sewage disposal. Investigate access and hook-up to the City sewer system.

Estimated Cost: $75,000

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace master clock and bell system.

Estimated Cost: $31,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade/replace intrusion/security alarm system site wide
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.

Estimated Cost: $210,000

f. Energy Management System (EMS)

- Upgrade/replace existing old HVAC EMS system (control modules, sensors, wires, conduits, boxes, etc.) with new (Carrier i-Vu CCN) system;
- Upgrade/replace existing exterior lighting and parking lot lighting controls (EMS, time clocks, wirings, etc.). Connect to the new centralized district EMS

Estimated Cost: $280,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in building C (MPR) and D (Room #1-8) - 13,200 SF;
- Restore built-up roof system in A (Admin office, Library and B (Room #1-8) — 12,865 SF.

Estimated Cost: $279,000

b. Siding & Painting

- Paint exteriors of permanent buildings, including covered walkways, canopies and other structures.

Estimated Cost: $73,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT floor finishes in building A (Administration offices, Library and Computer lab), B (Room #1-8) and D (Room #10-14)

  Estimated Cost: $139,000

b. Walls

- Repaint walls in building A (Administration office, Library and Computer Lab) and classrooms; B (Room #1-8)

- Replace tack board wall panels in classrooms; D (Room #10-14)

  Estimated Cost: $60,000

c. Ceilings

- Repaint ceilings in building A (Administration office, Library and Computer Lab) and classrooms; B (Room #1-8) and D (Room #10-14). Replace warped, stained or damaged ceiling boards.

  Estimated Cost: $55,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- Replace cabinets and countertops in building A (Administration offices) and classrooms; B (Room #1-8) and D (Room #10-14).

Estimated Cost: $95,000

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts.

Estimated Cost: $56,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package type A/C units in building A (Administration offices, Library and Computer Lab) - 4 units;
- Replace package type A/C units in building B (Room #1-8), and D (Room #10-15) - 13 units;
- Replace package type A/C units in building C (MPR, PE Rooms) - 2 units;
- Replace package type A/C units in building C (Snack Bar, Store, Weight Room) - 2 units

Estimated Cost: $220,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/PE Rooms

- Upgrade/replace lighting fixtures;
- Repaint doors, walls and ceilings. Replace warped, stained or damaged ceiling boards

Estimated Cost: $37,000

b. Snack Bar/ Teachers Break Room

- None

c. Restrooms

- Repaint doors, walls & ceilings of all restrooms site wide;
- Replace sinks and faucets in the Boys and Girls restrooms of building B (Room #1-8).

Estimated Cost: $15,000

d. Portable Classrooms

The school has 2 relocatable classroom (RCR) buildings and no relocatable restroom building. Room # 16/17 is a 1,920 sq. ft DSA approved duplex classroom Special Education building while Room # 18 is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) classroom building. Both are metal frame buildings installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps.

- Room # 18 is 23 years old. Considering the age of this building, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building.

- Room # 16/17 is 19 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

Estimated Cost: $167,000

Total Estimated Cost: $1,951,000

CITRUS CONTINUATION HIGH SCHOOL NEEDS ASSESSMENT

SITE DATA

Citrus Continuation High School
10760 Cypress Ave.
Fontana, CA 92336

Enrollment Data:

Capacity:	806*
CALPADS Enrollment (2013/14)	565
Grades	9-12

Facilities Inventory

Site:

Site Acreage (net usable)	18.52 acres
Permanent Buildings	
Year first occupied	2011

Classrooms:

Permanent Classrooms	16
Portable Classrooms:	0

Building Area (sqft);

Permanent	48,117 square feet
Portable	0 square feet
Total	48,117 square feet

Subsidiary facilities :

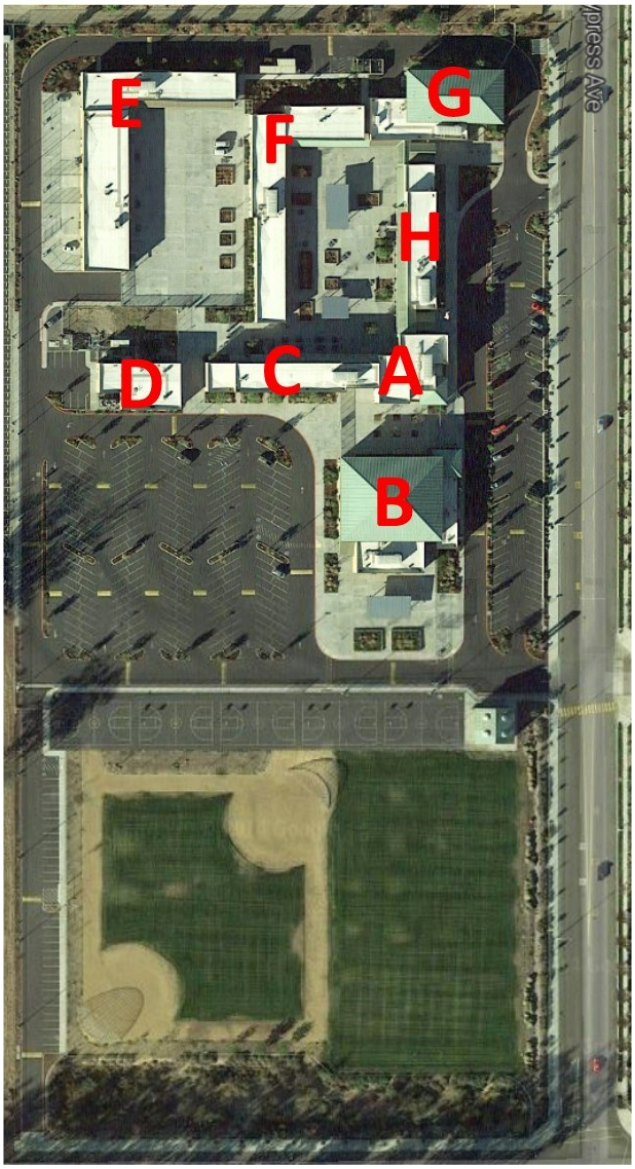
Library	0 square feet
Multi-Purpose	4,655 square feet
Kitchen	1,257 square feet
Gymnasium	8,322 square feet
Theatre	0 square feet

Administration

Offices	1,782 square feet
Staff Breakroom	878 square feet
Staff Workroom	0 square feet

Restrooms Fixtures:

Staff	8
Boys	17
Girls	17



* Capacity based on District loading standards

BACKGROUND

Citrus Continuation High School opened in September 1988 on a temporary facility comprised of relocatable classrooms at 9820 Citrus Avenue (south of the MOT & F yard). On August 2011, the school moved to its new permanent campus facility, at Cypress Avenue, which is comprised of nine permanent buildings that house the administration offices, 37 classrooms, a construction lab, an HVAC lab, a computer lab, a multi-purpose room, a gymnasium, boys and girls locker rooms, faculty workrooms and restrooms. As of 2014, no permanent buildings or relocatable classroom buildings were added to the school facility. Outdoor facilities include staff, student and visitors parking/drop-off areas, basketball courts, baseball and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- None

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- Patch cracks, slurry seal & restripe basketball hard courts.

  Estimated Cost: $16,000

b. Playfields & Grass Areas

- Repair/restore irrigation and replant shrubs, bushes and flowers to planter areas in various locations site wide. Convert some of the planter areas into turf for ease of maintenance;
- Upgrade irrigation controllers (2 units - 48 station controllers);
- Abate gopher infestation. Upgrade, re-grade deteriorated/damaged sections of the grass playfields, mulch, re-seed and fertilize;

Estimated Cost: $142,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- None

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Relocate/re-mount all motion sensors site-wide to lower elevations.
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide.

  Estimated Cost: $36,000

f. Energy Management System

- None

V. BUILDING ENVELOPE

a. Roofing

- Restore single ply membrane roof system in buildings A (Administration, Information Center), B (Gymnasium, Locker Rooms), C (Room #C101-C104, #C201-C204), and H (Room #H101-H105) - 52,567 SF;
- Restore single ply membrane roof system in building D (Chiller Plant) and E (Room #E101-E107) - 35,022 SF;
- Restore single ply membrane roof system in building F (Room F101—F109) and G (MPR/Cafeteria, Kitchen) - 38,740 SF;

Estimated Cost: $1,195,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2012.

Estimated Cost: $204,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- None

b. Walls

- None

c. Ceilings

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts.

  Estimated Cost: $122,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- None

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Cafeteria

- None

b. Kitchen

- None

c. Restrooms

- None

d. Portable Classrooms

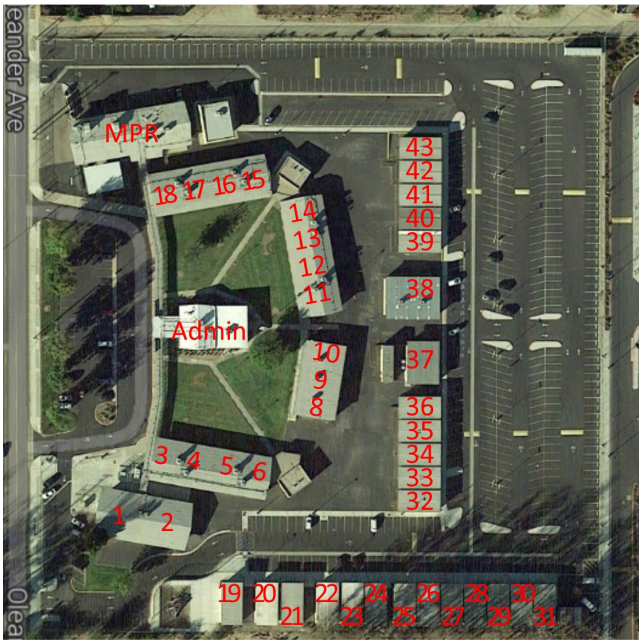
- None

Total Estimated Cost: $1,715,000

FONTANA ADULT CENTER NEEDS ASSESSMENT

SITE DATA

Fontana Adult Education Center
10755 Oleander Ave.
Fontana, CA 92337



Enrollment Data:

Capacity:	NA
CALPADS Enrollment (2013/14)	NA
Grades	NA

Facilities Inventory

Site:

Site Acreage (net usable)	9.5 acres
Permanent Buildings	8
Year first occupied	1957 (As Jurupa Hills Middle School)

Classrooms:

Permanent Classrooms	16
Portable Classrooms:	26

Building Area (sqft);

Permanent	17,063square feet
Portable	24,960 square feet
Total	42,023 square feet

Subsidiary facilities :

Library	square feet
Multi-Purpose	square feet
Kitchen	square feet
Gymnasium	square feet
Theatre	square feet

Administration

Offices	square feet
Staff Breakroom	square feet
Staff Workroom	square feet

Restrooms Fixtures:

Staff

Boys

Girls

BACKGROUND

Fontana Adult Education School opened at the Fontana High School campus in September 1980 and then moved to its current location in 2009. The current facility was previously occupied by Jurupa Hills Middle School from 1957 until the school's closure and subsequent conversion of the facility into Fontana Adult Education School in 2009. The facility is comprised of eight permanent buildings, twenty three relocatable classroom buildings, a relocatable office building and a relocatable restroom building. The campus houses the administration offices, 16 permanent classrooms, a multi-purpose room, faculty workrooms and restrooms. Twelve relocatable classroom buildings were later added to the campus in 2011 to accommodate increasing student enrollment in the area. As of 2014, the school has 16 permanent classrooms and 26 relocatable classrooms. Outdoor facilities include staff, student and visitors parking/drop-off areas. The campus currently does not have outdoor basketball courts, baseball and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe all parking lots site wide. Repaint curbs.
- Patch cracks, slurry seal and restripe all 4 west entrance driveways. Repaint curbs.
- Patch cracks, slurry seal and repaint curbs of north and south fire lanes.

Estimated Cost: $207,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- None

b. Playfields & Grass Areas

- Upgrade/replace existing hydraulic valves with electric RCVs (Remote Control Valves)
- Upgrade/replace irrigation controllers (1 unit - 48 station controllers)

Estimated Cost: $23,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Upgrade/replace very old/antique sub-panels and breakers

Estimated Cost: $25,000

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System

- Replace master clock and bell system

Estimated Cost: $52,000

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade/replace existing intrusion/security alarm system site wide
- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide

Estimated Cost: $282,000

f. Energy Management System (EMS)

- Upgrade/replace existing exterior lighting and parking lot lighting controls (EMS, time clocks, wirings, etc.). Connect to the new centralized district EMS (Carrier i -Vu CCN)

Estimated Cost: $30,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in the MPR/Cafeteria and Staff Lounge building (8,075 SF)

  Estimated Cost: $125,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2001

  Estimated Cost: $63,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the school with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

  Estimated Cost: $530,000

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT floor finishes in the classrooms; Computer Lab (Room #1-2), (Room #3-6) building, (Room #8-10) building, (Room #11-14) building and (Room #15-18) building

  Estimated Cost: $124,000

b. Walls

- Repaint walls in the Administration building, Computer Lab (Room #1-2) and Room #9 and 10;
- Install vinyl tack board wall panels in the classrooms; Room #3-6, Room #8, Room #11-14 and Room #15-18

Estimated Cost: $85,000

c. Ceilings

- Repaint open beam/glued acoustic tile ceilings in the classrooms; Computer Lab (Room #1-2), Room #3-6, Room #8=10, Room #11-14 and Room #15-18. Replace loose, warped, stained or damaged ceiling tiles

Estimated Cost: $54,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Retrofit/replace all T-12 lighting fixtures, lamps and ballasts in classrooms, offices and other facilities site wide to T-8 lighting fixtures, lamps and ballasts
- Upgrade/replace old ineffective security lights in restrooms and wings

Estimated Cost: $62,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace split A/C units in the classroom building; Computer Lab (Rooms #1-2) - 2 units

Estimated Cost: $20,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR

- Repaint doors, walls and ceilings
- Sand, screen and refinish hardwood stage floor

Estimated Cost: $17,000

b. Kitchen/Staff Lounge

- Repaint doors, walls and ceilings of the kitchen (in the MPR).
- Repaint doors and ceilings of the Staff Lounge (modular building). Replace carpet/VCT floor finish and tack board wall panels.

Estimated Cost: $24,000

c. Restrooms

- Repaint doors, walls & ceilings of all restrooms site wide
- Upgrade/modernize two unisex staff restrooms in Room #10 and two unisex staff restrooms in the Staff Lounge. Install ceramic floor and wall tiles. Install new sinks, urinals, water closets, phenolic toilet partitions and T8 lighting fixtures

Estimated Cost: $55,000

d. Portable Classrooms

The school has 23 relocatable classroom (RCR) buildings and 1 relocatable restroom building. Each RCR is a typical DSA approved 960 sq. ft. (24ft. x 40ft.) metal frame building installed on wood foundation and furnished with metal frame ramps with wood floorboards and skirts and metal railings. Buildings have wood sidings, standing seam metal roofs, aluminum frame windows, hollow metal doors and wall mounted heat pumps. The relocatable restroom is a 480 square foot unit with the same type of construction as the RCR and typically houses a Staff Restroom, a Boys Restroom and a Girls Restroom.

- Room # 19 thru 26, 32 thru 36, and 39 thru 43 are over 25 years old. Considering the age of these buildings, complete interior finish upgrades and exterior envelope replacements are anticipated to cost more than 50% of the cost of a new relocatable classroom unit. Remove old building and replace with new relocatable classroom building

- Room # 27 thru 31 range from 17 to 19 years old. Modernize/upgrade interior finishes to floors, walls and ceilings. Repair/replace deteriorated components of building envelope (sidings, doors and hardware, roofs, ramps and railings, etc.)

- The relocatable restroom building is 25 years old. Complete floor, wall, ceilings and fixtures upgrades (linoleum floors and FRP walls to ceramic tiles, metal partitions to phenolic, etc.) is anticipated to cost more than 50% of the cost of a new relocatable restroom. Remove old buildings and replace with new relocatable restroom buildings.

Estimated Cost: $2,006,000

Total Estimated Cost: $3,784,000

ADMINISTRATIVE COMPLEX NEEDS ASSESSMENT

SITE DATA

District Office Complex
9680 Citrus Avenue
Fontana, CA 92335

Facilities Inventory

Site:

Site Acreage (net usable)	14.2 acres
Permanent Buildings	5
Portable Buildings	38
Year first occupied	1958

Building Area (sqft);

Permanent	44,126 square feet
Portable	7,304 square feet
Total	91,430 square feet



BACKGROUND

The District Administration Center opened in September 1958. The current facility is comprised of three permanent buildings and thirty seven relocatable office and classroom buildings that housed the various district and department services offices such as district administration, Human Resources, Purchasing, Accounting and Finance, Risk Management, Workers compensation, Early Education, Child Welfare and Attendance, Food Services, Police Services, Emergency Operations and others. Outdoor facilities include staff and visitors parking areas.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe parking areas and fire lanes in the whole complex. Repaint curbs.
- Patch cracks, slurry seal and restripe all entrance and exit driveways in the complex (7east, 1 west and 1 south of the Admin Building). Repaint curbs.

Estimated Cost: $288,000

b. Parking Lot & Exterior Lighting

- Upgrade/replace old exterior lighting (wall packs) with new fixtures site wide
- Upgrade/replace all pole mounted parking lot lighting site wide with LED type fixtures and lamps.
- Replace wall mounted sconce lighting in the front side of Piazza building to LED system

Estimated Cost: $42,000

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- None

b. Playfields & Grass Areas

- Upgrade/redo the planters in the northwest section of the complex
- Install new backflow and wirings as needed to eliminate cross connections in the irrigation system
- Upgrade/replace irrigation controllers (5 units - 48 station controllers)

Estimated Cost: $75,000

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Services

- Upgrade/replace the original main switchgear,480/277V, located inside, northeast of Building 1. Replace A/C control panel
- Clean/service main service switchgears located outside; (1) west side of Building 1, (2) West of Building 7, (3) south of Building 23 and (4) North of Enrollment Center
- Replace with higher capacity the distribution panels and subpanels in Building 1, IT Department and the, Police Services Building

- Clean/service the distribution panels/sub-panels, 120/208V throughout the complex

Estimated Cost: $185,000

b. Water

- Install backflow preventers to water supply lines in building 1 and 2

Estimated Cost: $15,000

c. Gas

- Upgrade/replace main gas service valves, meters and pressure regulators. Repipe the main service line

Estimated Cost: $123,000

d. Storm/Sewage

- Excavate sewer line between building 23 and 30. Re-lay pipes to proper grade

Estimated Cost: $36,000

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- Install a complete new fire alarm system to the District administration office building. This facility does not currently have an existing fire alarm system.
- Upgrade/replace the initiating devices (pull-down switches, smoke and heat detectors) and notification appliances (bells, horns and strobes) of all other district department office buildings in the complex.

Estimated Cost: $1,250,000

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade/replace the existing intrusion/security alarm system complex wide
- Upgrade existing video-surveillance system with new monitors/controls and 20 cameras site wide

Estimated Cost: $218,000

f. Energy Management System (EMS)

- Upgrade/replace existing old HVAC EMS system (control modules. Sensors, wires, conduits, boxes, etc.) with new (Carrier i-Vu CCN) system - 30 rooftop units.
- Upgrade/replace existing exterior lighting and parking lot lighting controls (EMS, time clocks, wirings, etc.). Connect to the new centralized district EMS

Estimated Cost: $200,000

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system in permanent buildings # 1 thru 3 (33,770 SF)
- Repair built-up roof system in relocatable buildings #4 thru 14 (14,600 SF)
- Repair built-up roof system in relocatable buildings #15 thru 22, and #37 thru 40 (17,025 SF)
- Repair built-up roof system in relocatable buildings #23 thru 36 (17,705 SF)

Estimated Cost: $398,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 1998
- Repaint all exteriors of portable buildings, including ramps, railings and skirts
- Install new/improved signage to all buildings throughout the Administration complex

Estimated Cost: $199,000

c. Windows

- Replace the remaining old/original single glazed windows in permanent buildings throughout the facility with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

Estimated Cost: $80,000

d. Exterior Doors

- Replace all doors and hardware (locksets, panic devices closers, etc.) in Building #1 and #2 (District Administration Office Building)

Estimated Cost: $150,000

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT floor finishes in building #1 (Administration Offices), #2 (Benefits Office) and #3 (J. Piazza Education Center)
- Replace carpet/VCT floor finishes of all relocatable building offices in the complex (Building #3 thru #40)

Estimated Cost: $274,000

b. Walls

- Repaint walls in building #1 (Administration Offices), #2 (Benefits Office) and #3 (J. Piazza Education Center)
- Repaint walls of all relocatable building offices in the complex (Building #3 thru #40)

Estimated Cost: $48,000

c. Ceilings

- Repaint ceilings in building #1 (Administration Offices), #2 (Benefits Office) and #3 (J. Piazza Education Center). Replace loose, warped, stained or damaged ceiling tiles/boards
- Repaint ceilings of all relocatable building offices in the complex (Building #3 thru #40). Replace loose, warped, stained or damaged ceiling boards

Estimated Cost: $65,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Upgrade/replace the remaining T-12 fluorescent lighting fixtures in various buildings with T-8 lighting fixtures, ballasts and lamps
- Install new drop ceilings and lighting fixtures in the District Office (Building #1)

Estimated Cost: $233,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace Air Handling Units (FAU MZU1, 2 and 3) and in Building #1– Administra-

tion Offices (3 units)

- Replace split type A/C units in Building #1 - District Office (2 units)
- Replace package type A/C units in Building #1 - Main server Room (2 units)
- Replace package type A/C units in the Piazza Center (4 units)

Estimated Cost: $380,000

e. Plumbing Fixtures
- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Gymnasium

- None

b. Kitchen

- None

c. Restrooms

- Repaint doors, drywall walls and ceilings of all restrooms complex wide.
- Upgrade/modernize unisex restroom in permanent building #2 (Benefits); men and women restrooms in relocatable buildings; #8 and #10 (Police Services) and #34 (SELPA Lounge). Install ceramic floor and wall tiles. Install new sinks, urinals, water closets, phenolic toilet partitions and T8 lighting fixtures
- Replace vinyl sheet floors with ceramic floor tiles in men, women and unisex restrooms in relocatable buildings; #4 (Human Resources), #39 (Tinker Tots) and #40 (Gateway Program)

Estimated Cost: $136,000

d. Portable Classrooms

- None

Total Estimated Cost: $4,395,000

ALTERNATIVE LEARNING ACTION CENTER (ALAC) NEEDS ASSESSMENT

SITE DATA

Alternative Learning Action Center
9680 Citrus Avenue
Fontana, CA 92335

Facilities Inventory
Site:
Site Acreage (net usable)
Permanent Buildings 3
Year first occupied 2003

Building Area (sqft);
Permanent 11,520 square feet



BACKGROUND

The Alternative Learning Action Center opened in January 2003 in a facility comprised of two single-story buildings and a two-story building that housed the Language Assessment Center, English Language Services, Professional Development Services, Student Enrollment Services, including six permanent classrooms, offices and restrooms. As of 2014, no permanent buildings or relocatable classroom buildings were added to the school facility. Outdoor facilities include staff, student and visitors parking/drop-off areas. The campus currently does not have outdoor basketball courts, baseball and grass play fields.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe lines of parking areas north, south and east of ALAC. Repaint curbs

Estimated Cost: $112,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- None

b. Playfields & Grass Areas

- None

c. Playground Equipment

- None

III. UTILITIES

a. Electrical Service

- None

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade existing video-surveillance system with new monitors/controls and 10 cameras site wide

Estimated Cost: $25,000

f. Energy Management System (EMS)

- Upgrade/replace existing old HVAC EMS system (control modules. sensors, wires, conduits, boxes, etc.) with new (Carrier i-Vu CCN) system
- Upgrade/replace existing exterior lighting and parking lot lighting controls (EMS, time clocks, wirings, etc.). Connect to the new centralized district EMS

Estimated Cost: $150,000

V. BUILDING ENVELOPE

a. Roofing

- Restore built-up roof system of buildings A, B & C (27,731 SF)

Estimated Cost: $205,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including covered walkways, canopies and other structures. The facility was last painted in 2003

Estimated Cost: $86,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT floor finishes in building A, B and C

Estimated Cost: $318,000

b. Walls

- None

c. Ceilings

- Repaint ceilings in building A, B and C. Replace warped, stained or damaged ceiling boards.

Estimated Cost: $90,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixture

- Replace T8 fluorescent lighting ballasts in permanent classrooms, offices, work-rooms and other spaces school wide with compatible 1-2 lamp T8 ballasts

Estimated Cost: $74,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- None

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Gymnasium

- None

b. Kitchen

- None

c. Restrooms

- Repaint doors and ceilings of the men, women and unisex restrooms in building A, B and C. Replace sheet vinyl/VCT floors and FRP walls with ceramic floor and wall tiles

Estimated Cost: $79,000

d. Portable Classrooms

- None

Total Estimated Cost: $1,139,000

MOT & FACILITIES CENTER NEEDS ASSESSMENT

SITE DATA

BACKGROUND

The Maintenance, Operations, Transportation and Facilities Yard first opened in September 1984. The current facility include seven permanent buildings comprised of the transportation/bus garage, welding and lock shop, print and mail shop, carpentry and painting shop, and the mechanical and electrical shops. In addition, the facility includes ten relocatable office buildings which were added to the facility during the period from 1987 thru 2000 to house the maintenance and operations offices, custodial services office, facilities planning and construction office, custodial office and transportation office.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe lines of parking areas north of the MOT & F offices and east of the Transportation garage.
- Patch cracks, slurry seal and restripe lines/markings on access road north side of the facility.
- Patch cracks, slurry seal and, restripe lines of entrance/exit driveways northwest and northeast site of complex.

Estimated Cost: $278,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- None

b. Playfields & Grass Areas

- None

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- None

b. Water

- None

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade/replace all existing old intrusion/security alarm systems. Install new alarm wirings, devices and equipment to currently unprotected buildings
- Upgrade existing video-surveillance system with new monitors/controls and 60 cameras site wide

Estimated Cost: $179,000

f. Energy Management System (EMS)

- None

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roofs of relocatable office buildings (12,461 SF)
- Restore metal roofs of Shop #1, Shop #2 and the Garage building (26,185 SF)
- Restore built-up roofs of Shop #3, Shop #4 and Storage buildings (34,925 SF)

Estimated Cost: $390,000

b. Siding & Painting

- Repaint exteriors of permanent buildings, including canopies and other structures. The facility was last painted in 1998.
- Repaint all exteriors of portable buildings, including ramps, railings and skirts

Estimated Cost: $200,000

c. Windows

- None

d. Exterior Doors

- None

VI. INTERIOR FINISHES

a. Floors

- Replace carpet/VCT floor finishes of the relocatable office buildings
- Replace carpet/VCT floor finishes in the Shops (#1—#4). Patch cracks, and re-seal/re-coat concrete floors

Estimated Cost: $137,000

b. Walls

- Repaint walls of the Shops (#1—#4)

Estimated Cost: $ 56,000

c. Ceilings

- None

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Replace HID type lighting fixtures in the Garage building with T-5 Hi bay lighting fixtures
- Upgrade/replace old lighting fixtures in the garage lounge to T-8 lighting fixtures
- Upgrade/install new T-5 lighting fixtures in the Paint/Carpentry shops and sheds

Estimated Cost: $24,000

c. Technology/Data

- See Appendix C—Technology

d. HVAC/Heating Systems

- Replace package A/C units in Shop #1- Specialized Services (1 unit)
- Replace split A/C units in Shop #1- Specialized Services (1 unit)
- Replace wall A/C units in Shop #1- Specialized Services (1 unit)
- Replace split A/C unit in Shop #2- Print Shop (5 units)
- Replace package A/C unit in Shop #3- Carpentry (2 units)
- Replace package A/C units in Shop #4- Mechanical Dept. (1 unit)
- Replace split A/C units in Shop #4- Grounds Dept. (4 units)
- Replace packaged A/C units in the Transportation Garage (1 unit)

Estimated Cost: $160,000

VIII. MPR AND OTHER FACILITIES

a. MPR/Gymnasium

- None

b. Kitchen

- None

c. Restrooms

- Upgrade/modernize the men, women and unisex restrooms in the relocatable office buildings; M&O Office, Facilities Office, Custodial Office and Transportation Office. Install ceramic floor and wall tiles. Install new sinks, urinals, water closets, exhaust fans and T8 lighting fixtures

- Upgrade/modernize the men, women and unisex restrooms in the shop buildings; Shop #1—#4. Install ceramic floor and wall tiles. Install new sinks, urinals, water closets, phenolic partitions, exhaust fans and T8 lighting fixtures

  Estimated Cost: $322,000

d. Portable Classrooms

- None

Total Estimated Cost: $$1,746,000

WAREHOUSE FACILITY NEEDS ASSESSMENT

SITE DATA

BACKGROUND

The Warehouse Facility was first occupied in September 1914 by the original owner, Fontana Citrus Association/Sunkist Products, for the storage, processing and shipping of citrus produce from the local farmers during the agricultural boom in the area. When the local industry shifted to steel production and others, the facility came to the ownership of the school district. This facility is presumed to be non-DSA and non-ADA compliant. However, since the building is a Locally Designated Historic landmark, major upgrades and reconstruction of the building is restricted.

I. GROUNDS AND SITE WORK

a. Parking & Driveways

- Patch cracks, slurry seal and restripe parking areas northeast and southeast of the warehouse. Repaint curbs
- Patch cracks and slurry seal all driveways of the facility.

Estimated Cost: $44,000

b. Parking Lot & Exterior Lighting

- None

c. Pathways & Walkways

- None

d. ADA Access Ramps

- None

II. OUTDOOR FACILITIES

a. Hard Courts & Paved Areas

- None

b. Playfields & Grass Areas

- None

c. Playground Equipment

- None

d. Outdoor Shade Structures

- None

e. Perimeter Fencing

- None

III. UTILITIES

a. Electrical Service

- Replace the main switchgear,480/277V, with new higher capacity switchgear. Existing switchgear is obsolete and has insufficient capacity
- Upgrade and replace all distribution panels/sub-panels, 120/208V. Existing equipment are obsolete and have inadequate capacity

Estimated Cost: $70,000

b. Water

- Replace water mains from street to building

Estimated Cost: $50,000

c. Gas

- None

d. Storm/Sewage

- None

IV. CENTRAL EQUIPMENT SYSTEMS

a. Fire Alarm System

- None

b. Phone/PA System

- None

c. Clocks/Bell System

- None

d. Technology/Data

- See Appendix C—Technology

e. Intrusion/Security

- Upgrade/replace existing intrusion/security alarm system.
- Upgrade existing video-surveillance system with new monitors/controls and cameras site wide

  Estimated Cost: $113,000

f. Energy Management System

- None

V. BUILDING ENVELOPE

a. Roofing

- Replace built-up roof system of the Warehouse building (20,660 SF)

Estimated Cost: $190,000

b. Siding & Painting

- Repaint exteriors of warehouse building and other structures. The facility was last painted in 1989

Estimated Cost: $70,000

c. Windows

- Replace the old wood framed, single glazed windows in the building with aluminum framed, low-E, insulating double glazed windows to improve energy efficiency

- Replace the skylight systems

Estimated Cost: $300,000

d. Exterior/Interior Doors

- Replace all exterior and interior doors. Replace door hardware including (locksets, panic devices closers, etc.) in the building

Estimated Cost: $50,000

VI. INTERIOR FINISHES

a. Floors

- Replace carpet floor finishes in the warehouse offices
- Reseal/recoat concrete flooring in Warehouse bay
- Replace VCT floor finish in the Break/Lounge Room

Estimated Cost: $70,000

b. Walls

- Repaint interior walls in Warehouse Offices
- Repaint interior walls in the Warehouse Bay
- Replace walls in Break/Lounge Room

Estimated Cost: $43,000

c. Ceilings

- Repaint ceilings of the Warehouse offices. Replace warped, stained or damaged ceiling tiles.
- Repainting of open wood roof-decking in Warehouse Bay. Replace damaged/ dry-rot wood members.
- Replaced stained/damaged ceiling tiles in Break/Lounge Room

Estimated Cost: $75,000

VII. FURNISHINGS AND FIXTURES

a. Casework

- None

b. Lighting Fixtures

- Upgrade/replace old fluorescent lighting fixtures with T8 fluorescent lighting fixtures in the offices and workrooms

Estimated Cost: $10,000

c. Technology/Data

- See appendix c—Technology

d. HVAC/Heating Systems

- Replace Evaporative Coolers in the Warehouse Area (4 units)
- Replace split A/C units in the Office & Shop Area (2 units)
- Replace wall A/C unit in the Mail Room (1 unit)

Estimated Cost: $50,000

e. Plumbing Fixtures

- None

VIII. MPR AND OTHER FACILITIES

a. MPR/Gymnasium

- None

b. Kitchen

- None

c. Restrooms

- Upgrade/modernize the men and the women restrooms in the building. Install ceramic floor and wall tiles. Install new sinks, urinals, water closets, phenolic partitions, exhaust fans and T8 lighting fixtures

  Estimated Cost: $64,000

d. Portable Classrooms

- None

Total Estimated Cost: $1,199,000

FACILITIES NEEDS ASSESSMENT

SUMMARY OF NEEDS



TOTAL ESTIMATED PROJECT COSTS

To complete the process of estimating the costs for the projected needs at each school several factors need to be considered:

- The estimated costs from previous pages are listed in 2014 dollars. These costs need to be escalated to the mid point of construction. Since schedules for the projects have not yet been established we have escalated all projects to the mid -point of the 10 year program. A 3% per year escalation is assumed for 5 years for a total of 15% increase.

- The estimated costs from previous pages is construction cost only. We have added 28% of construction cost for soft costs. These costs include fees for architects, DSA, CDE. Soft costs also include the cost of testing and inspection during design and construction; survey costs; furniture and equipment and any other incidental costs to the project.

- A project contingency of 25% is added. We have included the estimated costs to the best of our understanding of each project. However, as the projects are designed other factors may need to be taken into consideration that were not previously anticipated. Modernization projects should always include a generous contingency to factor in unforeseen conditions within walls, under slabs and otherwise hidden until the construction work begins. This contingency is included to take those factors into consideration.

With these factors included we have the final estimated budget for each project as listed in the tables on the following pages.

TOTAL ESTIMATED CONSTRUCTION COSTS

SCHOOL SITE	I. Grounds and Site Work	II. Outdoor Facilities	III. Utilities	IV. Centralized Equipment Systems	V. Building Envelope	VI. Interior Finishes	VII. Furnishings and Fixtures	VIII. Gymnasium, MPR and Others	Total Construction Cost
Elementary Schools									
Almond ES	$111,000	$130,000	$10,000	$180,000	$510,000	$172,000	$116,000	$227,000	**$1,456,000**
Beech Avenue ES	$0	$112,000	$10,000	$265,000	$272,000	$172,000	$106,000	$0	**$937,000**
Binks ES	$162,000	$166,000	$23,000	$225,000	$326,000	$0	$102,000	$0	**$1,004,000**
Canyon Crest ES	$96,000	$109,000	$30,000	$762,000	$551,000	$158,000	$184,000	$502,000	**$2,392,000**
Chaparral ES	$58,000	$86,000	$0	$310,000	$671,000	$0	$72,000	$120,000	**$1,317,000**
Citrus ES	$56,000	$122,000	$10,000	$283,000	$580,000	$0	$392,000	$581,000	**$2,024,000**
Cypress ES	$142,000	$339,000	$48,000	$593,000	$698,000	$237,000	$105,000	$785,000	**$2,947,000**
Date ES	$33,000	$326,000	$10,000	$856,000	$305,000	$380,000	$517,000	$222,000	**$2,649,000**
Grant ES	$64,000	$303,000	$10,000	$322,000	$475,000	$63,000	$96,000	$147,000	**$1,480,000**
Hemlock ES	$102,000	$186,000	$83,000	$734,000	$406,000	$307,000	$396,000	$141,000	**$2,355,000**
Juniper ES	$110,000	$265,000	$36,000	$373,000	$1,150,000	$175,000	$366,000	$1,276,000	**$3,751,000**
Live Oak ES	$124,000	$175,000	$1,050,000	$469,000	$154,000	$264,000	$334,000	$1,340,000	**$3,910,000**
Locust ES	$207,000	$220,000	$10,000	$636,000	$98,000	$27,000	$141,000	$1,296,000	**$2,635,000**
Mango ES	$65,000	$340,000	$85,000	$712,000	$456,000	$225,000	$370,000	$420,000	**$2,673,000**
Maple ES	$144,000	$421,000	$1,004,000	$566,000	$154,000	$205,000	$316,000	$966,000	**$3,776,000**
North Tamarind ES	$254,000	$521,000	$10,000	$500,000	$716,000	$48,000	$136,000	$1,045,000	**$3,230,000**
Oak Park ES	$66,000	$218,000	$40,000	$745,000	$616,000	$0	$350,000	$502,000	**$2,537,000**
Oleander ES	$65,000	$353,000	$973,000	$489,000	$485,000	$466,000	$96,000	$1,044,000	**$3,971,000**
Palmetto ES	$203,000	$426,000	$979,000	$602,000	$1,054,000	$295,000	$852,000	$872,000	**$5,283,000**
Poplar ES	$151,000	$148,000	$517,000	$690,000	$704,000	$547,000	$260,000	$1,080,000	**$4,097,000**
Porter ES	$162,000	$226,000	$75,000	$552,000	$431,000	$188,000	$190,000	$289,000	**$2,113,000**
Primrose ES	$272,000	$283,000	$15,000	$448,000	$587,000	$228,000	$150,000	$1,415,000	**$3,398,000**
Randall Pepper ES	$101,000	$402,000	$965,000	$686,000	$1,262,000	$104,000	$591,000	$448,000	**$4,559,000**
Redwood ES	$188,000	$204,000	$535,000	$792,000	$441,000	$465,000	$506,000	$1,389,000	**$4,520,000**
Shadow Hillls ES	$50,000	$99,000	$40,000	$724,000	$249,000	$30,000	$303,000	$548,000	**$2,043,000**
Sierra Lakes ES	$0	$197,000	$10,000	$233,000	$376,000	$214,000	$102,000	$31,000	**$1,163,000**
South Tamarind ES	$190,000	$217,000	$971,000	$640,000	$986,000	$146,000	$731,000	$1,083,000	**$4,964,000**
Tokay ES	$56,000	$93,000	$23,000	$765,000	$753,000	$264,000	$452,000	$793,000	**$3,199,000**
West Randall ES	$223,000	$321,000	$1,034,000	$580,000	$1,130,000	$247,000	$388,000	$1,531,000	**$5,454,000**

TOTAL ESTIMATED CONSTRUCTION COSTS

IX. Summary of Facilities Needs

SCHOOL SITE	I. Grounds and Site Work	II. Outdoor Facilities	III. Utilities	IV. Centralized Equipment Systems	V. Building Envelope	VI. Interior Finishes	VII. Furnishings and Fixtures	VIII. Gymnasium, MPR and Others	Total Construction Cost
Middle Schools									
Alder MS	$326,000	$238,000	$135,000	$1,018,000	$2,113,000	$611,000	$903,000	$1,607,000	**$6,951,000**
Almeria MS	$244,000	$506,000	$120,000	$842,000	$1,229,000	$530,000	$507,000	$1,162,000	**$5,140,000**
Fontana MS	$35,000	$209,000	$1,562,000	$740,000	$1,169,000	$613,000	$625,000	$775,000	**$5,728,000**
Ruble MS	$66,000	$202,000	$10,000	$293,000	$957,000	$666,000	$188,000	$41,000	**$2,423,000**
Sequoia MS	$155,000	$377,000	$1,126,000	$956,000	$2,067,000	$419,000	$1,029,000	$1,222,000	**$7,351,000**
Southridge MS	$181,000	$161,000	$10,000	$1,252,000	$1,261,000	$592,000	$960,000	$1,826,000	**$6,243,000**
Truman MS	$133,000	$108,000	$20,000	$868,000	$1,343,000	$562,000	$1,487,000	$354,000	**$4,875,000**
High Schools									
Fontana HS	$557,000	$1,383,000	$2,240,000	$2,225,000	$4,435,000	$1,261,000	$2,834,000	$7,373,000	**$22,308,000**
Jurupa Hill HS	$0	$90,000	$20,000	$401,000	$491,000	$30,000	$75,000	$1,575,000	**$2,682,000**
Kaiser HS	$388,000	$208,000	$55,000	$1,573,000	$1,534,000	$719,000	$855,000	$3,115,000	**$8,447,000**
Miller HS	$425,000	$297,000	$20,000	$1,917,000	$4,802,000	$1,356,000	$2,298,000	$2,846,000	**$13,961,000**
Summit HS	$487,000	$255,000	$20,000	$864,000	$1,397,000	$1,104,000	$370,000	$5,864,000	**$10,361,000**
Other Programs									
Birch Cont. HS	$60,000	$79,000	$95,000	$521,000	$352,000	$254,000	$371,000	$219,000	**$1,951,000**
Citrus Cont. HS	$0	$158,000	$0	$36,000	$1,399,000	$0	$122,000	$0	**$1,715,000**
Fontana Adult Ed Center	$207,000	$23,000	$25,000	$364,000	$718,000	$263,000	$82,000	$2,102,000	**$3,784,000**
District Office									
Administration Complex	$330,000	$75,000	$359,000	$1,668,000	$827,000	$387,000	$613,000	$136,000	**$4,395,000**
Learning Action Center (ALAC)	$112,000	$0	$0	$175,000	$291,000	$408,000	$74,000	$79,000	**$1,139,000**
M, O, T & Facilities Center	$278,000	$0	$0	$179,000	$590,000	$193,000	$184,000	$322,000	**$1,746,000**
Warehouse Facility	$44,000	$0	$120,000	$113,000	$610,000	$188,000	$60,000	$64,000	**$1,199,000**
Totals	**$7,483,000**	**$11,377,000**	**$14,543,000**	**$31,737,000**	**$44,181,000**	**$15,783,000**	**$22,357,000**	**$50,775,000**	**$198,236,000**

TOTAL ESTIMATED PROJECT COSTS

ELEMENTARY SCHOOLS

SCHOOL SITE	Construction Cost	Contingency (25%)	Soft Costs (28%)	Interim Housing	Escalation (15%)	Total Project Cost
Elementary Schools						
Almond ES	$1,456,000	$364,000	$407,680	$50,000	$341,652	**$2,619,332**
Beech Avenue ES	$937,000	$234,250	$262,360	$50,000	$222,542	**$1,706,152**
Binks ES	$1,004,000	$251,000	$281,120	$50,000	$237,918	**$1,824,038**
Canyon Crest ES	$2,392,000	$598,000	$669,760	$50,000	$556,464	**$4,266,224**
Chaparral ES	$1,317,000	$329,250	$368,760	$50,000	$309,752	**$2,374,762**
Citrus ES	$2,024,000	$506,000	$566,720	$50,000	$472,008	**$3,618,728**
Cypress ES	$2,947,000	$736,750	$825,160	$50,000	$683,837	**$5,242,747**
Date ES	$2,649,000	$662,250	$741,720	$50,000	$615,446	**$4,718,416**
Grant ES	$1,480,000	$370,000	$414,400	$50,000	$347,160	**$2,661,560**
Hemlock ES	$2,355,000	$588,750	$659,400	$50,000	$547,973	**$4,201,123**
Juniper ES	$3,751,000	$937,750	$1,050,280	$50,000	$868,355	**$6,657,385**
Live Oak ES	$3,910,000	$977,500	$1,094,800	$50,000	$904,845	**$6,937,145**
Locust ES	$2,635,000	$658,750	$737,800	$50,000	$612,233	**$4,693,783**
Mango ES	$2,673,000	$668,250	$748,440	$50,000	$620,954	**$4,760,644**
Maple ES	$3,776,000	$944,000	$1,057,280	$50,000	$874,092	**$6,701,372**
North Tamarind ES	$3,230,000	$807,500	$904,400	$50,000	$748,785	**$5,740,685**
Oak Park ES	$2,537,000	$634,250	$710,360	$50,000	$589,742	**$4,521,352**
Oleander ES	$3,971,000	$992,750	$1,111,880	$50,000	$918,845	**$7,044,475**
Palmetto ES	$5,283,000	$1,320,750	$1,479,240	$50,000	$1,219,949	**$9,352,939**
Poplar ES	$4,097,000	$1,024,250	$1,147,160	$50,000	$947,762	**$7,266,172**
Porter ES	$2,113,000	$528,250	$591,640	$50,000	$492,434	**$3,775,324**
Primrose ES	$3,398,000	$849,500	$951,440	$50,000	$787,341	**$6,036,281**
Randall Pepper ES	$4,559,000	$1,139,750	$1,276,520	$50,000	$1,053,791	**$8,079,061**
Redwood ES	$4,520,000	$1,130,000	$1,265,600	$50,000	$1,044,840	**$8,010,440**
Shadow Hillls ES	$2,043,000	$510,750	$572,040	$50,000	$476,369	**$3,652,159**
Sierra Lakes ES	$1,163,000	$290,750	$325,640	$50,000	$274,409	**$2,103,799**
South Tamarind ES	$4,964,000	$1,241,000	$1,389,920	$50,000	$1,146,738	**$8,791,658**
Tokay ES	$3,199,000	$799,750	$895,720	$50,000	$741,671	**$5,686,141**
West Randall ES	$5,454,000	$1,363,500	$1,527,120	$50,000	$1,259,193	**$9,653,813**

TOTAL ESTIMATED PROJECT COSTS

SCHOOL SITE	Construction Cost	Contingency (25%)	Soft Costs (28%)	Interim Housing	Escalation (15%)	Total Project Cost
Middle Schools						
Alder MS	$6,951,000	$1,737,750	$1,946,280	$75,000	$1,606,505	**$12,316,535**
Almeria MS	$5,140,000	$1,285,000	$1,439,200	$75,000	$1,190,880	**$9,130,080**
Fontana MS	$5,728,000	$1,432,000	$1,603,840	$75,000	$1,325,826	**$10,164,666**
Ruble MS	$2,423,000	$605,750	$678,440	$75,000	$567,329	**$4,349,519**
Sequoia MS	$7,351,000	$1,837,750	$2,058,280	$75,000	$1,698,305	**$13,020,335**
Southridge MS	$6,243,000	$1,560,750	$1,748,040	$75,000	$1,444,019	**$11,070,809**
Truman MS	$4,875,000	$1,218,750	$1,365,000	$75,000	$1,130,063	**$8,663,813**
High Schools						
Fontana HS	$22,308,000	$5,577,000	$6,246,240	$100,000	$5,134,686	**$39,365,926**
Jurupa Hill HS	$2,682,000	$670,500	$750,960	$100,000	$630,519	**$4,833,979**
Kaiser HS	$8,447,000	$2,111,750	$2,365,160	$100,000	$1,953,587	**$14,977,497**
Miller HS	$13,961,000	$3,490,250	$3,909,080	$100,000	$3,219,050	**$24,679,380**
Summit HS	$10,361,000	$2,590,250	$2,901,080	$100,000	$2,392,850	**$18,345,180**
Other Programs						
Birch Cont. HS	$1,951,000	$487,750	$546,280	$50,000	$455,255	**$3,490,285**
Citrus Cont. HS	$1,715,000	$428,750	$480,200	$50,000	$401,093	**$3,075,043**
Fontana Adult Ed Center	$3,784,000	$946,000	$1,059,520	$50,000	$875,928	**$6,715,448**
District Office						
Administration Complex	$4,395,000	$1,098,750	$1,230,600	$50,000	$1,016,153	**$7,790,503**
Alternative Learning Action Center (ALAC)	$1,139,000	$284,750	$318,920	$50,000	$268,901	**$2,061,571**
M, O, T & Facilities Center	$1,746,000	$436,500	$488,880	$50,000	$408,207	**$3,129,587**
Warehouse Facility	$1,199,000	$299,750	$335,720	$50,000	$282,671	**$2,167,141**
Totals	$198,236,000	$49,559,000	$55,506,080	$2,825,000	$45,918,912	**$352,044,992**

TOTAL ESTIMATED NEEDS	
FACILITIES ASSESSMENTS	$352,044,992
CHILD NUTRITION SERVICES	$13,213,500
TECHNOLOGY	$82,147,250
TOTAL NEEDS	$447,405,742

ASSET MANAGEMENT



ASSET MANAGEMENT PLAN

One of the most significant underutilized assets that the District has is the stock of portable classrooms. The District currently has an inventory of 388 portable classrooms. These classrooms have the potential to house approximately 10,088 students. The District also has an estimated excess capacity for as many as 9,428 students and the enrollment projections prepared by the District indicate that there will be little or no growth in enrollment over the next 10 years. Unused or underutilized portable buildings can create maintenance issues and costs; they can be an attractive nuisance and a potential liability for the District; or they could provide some needed revenue for upgrades to other facilities.

Based on the District's inventory of May, 2013, 63 of the District's 388 portable classrooms are leased. The total lease payments for these units is $453,932.93 per year. Although an in-depth study of the location, the need for portables at each location and the condition of these leased units was not a part of this study, if the District were to return these leased units to the vendors it would result in considerable yearly savings.

Of the 388 portable classrooms, 271 are located at elementary school sites. This represents approximately 7,046 seats using the District's standard loading factor. Based on the Capacity Study in this document, there are 7,052 seats of excess capacity in standard elementary classrooms, not including these portable classrooms. In the District's ***Ten Year Enrollment Projection (2013/14 – 2022/23)*** the elementary school enrollment is projected to rise slightly in the 2014 -15 school year; fall to a level 420 students below the current level in 2018-19; and increase again in the 2022-23 school year. At the District's maximum enrollment per the District's projections there will still be an estimated excess capacity of 8,185 seats, which equates to 315 classrooms. If the District were to remove all 271 existing portable units on the elementary school sites there would be sufficient capacity remaining to house all the projected student enrollment at the maximum 10 year enrollment projection, as well an additional excess capacity of over 1,100 elementary seats.

The District's portable classroom inventory indicates that there 66 portable units at the middle school sites which have a capacity for 1,716 students at the current District loading standards of 26 students per teaching station. The District currently has excess capacity for 816 students at the middle school level in standard middle school classrooms, not including these portable classrooms. Based on the ***Ten Year Enrollment Projection (2013/14 – 2022/23)*** the middle school enrollment is projected to increase to a maximum level in the 2018-19 school year. At that time the District would have excess capacity of 53 seats remaining. If 2 portable units were removed from middle school sites there would be sufficient capacity for all students projected over the next 10 years.

The District's inventory of portable classrooms indicates that there are 48 portable classrooms at the District's comprehensive high school sites. This represents capacity for 1,248 students at the standard loading factor of 26 students per teaching station. Based on current enrollment there is an excess capacity of 1,427 seats at the comprehensive high school level in standard high school classrooms, not including these portable classrooms. The District's ***Ten Year Enrollment Projection (2013/14 – 2022/23)*** indicates that the high school enrollments are projected to drop slightly over the next 4 years and then increase again to a 10 year maximum in the 2021-22 school year. Based on these projections and the Capacity Study of this document, all of the portable classrooms could be removed from the comprehensive high school sites while maintaining sufficient capacity for the highest level of high school enrollment over the next 10 years. At the

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highest projected enrollment the District would have an excess capacity of 784 seats remaining.

The scope of this analysis did not include an evaluation of the enrollment projections for each school site; the number of portable classrooms at each site as compared to the enrollment projections; the condition of each portable; or the location of leased portable classrooms. It is assumed that, as some units are removed, units from other sites may need to be relocated within and around the District. It is also understood that the District cannot achieve 100% utilization of all classrooms. It may be desirable to have some portable units designated for purposes other than teaching stations. These activities may include special project spaces, parent resource spaces or teaching support spaces. However, the Fontana Unified School District has a significant level of excess capacity which is projected to remain over the next 10 year period. And there is a significant number of portable classrooms on District sites. By reducing the inventory of these units the District could save lease payments as well as maintenance activities and services and utility expenses. In addition, vacant or unused buildings on any site create a potential attractive nuisance which may be a liability issue for the District.

Recommendation #1:
Return all rented or leased portable units to the originating vender. This would result in an immediate estimated savings of over $450,000 per year. The reduction in the maintenance costs on these units could also result in an estimated savings of over $200,000 per year.

Recommendation #2:
Remove up to 261 of the remaining portable buildings in the District. This would significantly reduce the maintenance and repair costs by an estimated $900,000 per year ($3,500 per year, per unit). The Needs Assessment section of this Facilities Master Plan indicates that the cost of upgrading the existing portable classrooms is estimated to be $52,828,988 with contingency, soft costs and escalation. Much of this cost could be saved if the District reduced the inventory of portable units.

There is also potential revenue that could be derived from the sale of some of the excess portable classrooms. Many districts are beginning to grow after years of declining enrollment. Some of the District's portable units are in relatively good condition and could be sold to other districts. A detailed survey of each portable, the suitability for resale, the condition and potential resale value was not a part of this study. However, a conservative estimate of the revenue from the sale of excess portable classrooms is $1.9 million. (50% of the District's 261 excess portables sold for $15K each or 75% of the portables sold at $10,000 each)

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FINANCING PLAN

FINANCING PLAN

A number of sources are available to the District for the purpose of funding the facilities needs. Funding can come from the federal level, the State level or the local level. The federal government has, from time to time, programs that a district can benefit from related to facilities funding. The federal Qualified School Construction Bond (QSCB) program has provided districts with a method of reducing the interest costs for bonds that they were selling. The federal government also has had bond interest credit programs for solar photovoltaic installations. Currently, none of these programs are available, however, the District should investigate the availability of these programs from time to time to determine if any funding is available.

State Eligibility

Eligibility in the School Facility Program Modernization Program is determined on a site by site basis. The age of the facilities and the enrollment at the site are the primary criteria for funding. Permanent school facilities must have been built or modernized at least 25 years previous to the application and portable facilities at least 20 years. A district may update their eligibility at a site at any time, however, once established, the eligibility remains until used in a project or until updated. The eligible State funding represents 60% of the total cost of the project and the District must provide at least 40% of the cost.

In addition, eligibility in the New Construction Program is based on the number of students adequately housed and the projected level of growth over a 5 year period. The SFP calculates enrollment projections and facility capacities based on formulas in State law. The amount of SFP funding available to districts is then determined by: (1) subtracting projected enrollment from capacity to determine the number of unhoused students in a district; and (2) multiplying unhoused students by per pupil grant amounts. The formulas used in the SFP to determine enrollment projections and facility capacities are not appropriate to determine true local need for school facilities to house students. However, they are appropriate for estimating funding need.

The State programs are currently in flux. The majority of funding in State programs has been either expended or is reserved for projects already in the pipeline. Additional funding opportunities will need to wait for the next State wide bond measure. The soonest opportunity for a new bond measure is in November of 2016. Currently, the State administration and Legislature have shown no interest in forwarding a bond measure to the voters of approval. Advocacy groups have expressed an interest in placing a voter initiative on the ballot.

Any new bond measure would, undoubtedly, be accompanied by new requirements. Eligibility in those programs would likely be different from the current programs. It is, therefore, advisable for the District to follow events associate with these bond proposals to determine possible eligibility on the new programs.

Maintenance Funding

Education Code Section 17584 requires districts to reserve 1/2 % of their general fund budget for deferred maintenance. Each year the State intends to match that amount. However, in recent years the State match has been minimally funded. In 2010, as a part of the State budget process, the Legislature passed legislation which allowed districts to transfer the restricted deferred maintenance funding to the general fund.

The decline in State funding for deferred maintenance and the ability of districts to use local deferred maintenance funding for other purposes has far reaching consequences for the long term condition of facilities. Without adequate funding for maintenance, facilities will deteriorate and will eventually need greater funding for more extensive repairs or replacement. Local funding through voter supported bond measures is being used more extensively to address issues caused by the lack of maintenance funding.

A. Financing Analysis

- ***Facility Plan***

The total cost of the Facility Plan is currently estimated to be $454,427,342 for the facility needs, child nutrition needs and technology needs through 2024. Cost estimates are based on assumed scopes of work and include estimated contingencies, soft costs and escalation.

B. Financing Options/Funding Sources

- ***School Facility Program***
  As mentioned above, the eligibility on the State programs is in flux. The District should monitor progress in the development of new programs and determine eligibility as soon as those program regulations are established to obtain the maximum funding available.

C. Other School Facility Funding Sources

- ***Developer Fees and Mitigation Agreements***

  The District estimates that developer fee revenues will be approximately $1,000,000 per year for the foreseeable future. The current balance in the District's developer fee fund is $5,860,982.

- ***General Obligation (G.O.) Bonds***
  As a potential viable source of funds for the Facilities Master Plan, the District may explore the possibility of a future Proposition 39 ballot measure. A complete analysis of the District's available bonding capacity and the level of community interest or support for another bond measure will be necessary to promote a successful G. O. bond program.

- ***Other Agency Joint Participation and State Joint-Use Program***
  Other agencies with similar needs may be willing to share the cost of providing new or modernized facilities in exchange for joint-use of those facilities. The District has taken advantage of such relationships in the past.

  In some cases State funding may be available for qualifying multi-purpose building projects at the Districts schools. The State joint-use program provides 50 percent funding for qualifying joint-use projects, up to a maximum of $1 million at elementary schools, $1.5 million at middle schools and $2 million at high schools. Currently, State funding for the Joint Use Program is limited but additional funds may be made available in the future.

- ***Asset Management***
  Another potential source of funding for the Facilities Master Plan are proceeds from the sale of the District's under utilized real estate properties. The District should assess the potential of such transactions. An analysis of the District's property shows that there are 63 leased portables and an additional 271 owned portable classrooms that are under utilized. Returning the leased portables to the vendor could save the District $650,000 per year in lease and maintenance costs. By removing the owned but under utilized portables the District could save up to $900,000 per year in maintenance costs and a one time savings of $52,828,988 identified in the Needs Assessment for modernization of these units.

- ***Debt Financing***
  The District may utilize Certificates of Participation (COP's) to finance some facilities. This type of debt financing should only be used as "bridge" funding until permanent funding becomes available. The District should proceed with caution when using COP's and other debt financing, as they are reliant on development growth assumptions that, if not realized, could impact the District's general fund.

- ***Seismic Mitigation Program***
  AB 300 provides the mechanism for Proposition 1D to supply up to $199.5 million for Seismic Mitigation. The funds are targeted for facilities that are the most vulnerable within Category 2, as defined by DSA, and which pose an unacceptable risk of injury during a seismic event. This program is underutilized due to the complex application process. The District should consider applications for funding in this program for the school sites that

qualify for the program. Currently, there are no filing deadlines for project submittal.

The State Allocation Board (SAB) has recently revised the regulations to allow more school districts to take advantage of the funding. The criteria has been relaxed somewhat. There is no longer a reference to the horizontal acceleration level and more building types have been included.

As of the September 2007 State Allocation Board (SAB) meeting, all seismic funding, including ancillary costs, will come from the $199.5 million Seismic Mitigation funds. The costs of structural reports are allowable expenditures for those projects funded. Project funding will be for the minimum work necessary to gain DSA approval. Replacement funding is 50 percent District and 50 percent State. The modernization baseline of a site will be adjusted for classrooms demolished or replaced as a result of Seismic Mitigation. Districts must submit a structural report for DSA concurrence. Should the DSA concur with the report, the district will be able to submit an application to the OPSC.

- ***Deferred Maintenance***
  As mentioned above, State matching funds for deferred maintenance has been eliminated and districts have been given the choice of using local deferred maintenance for general fund purposed. Planning for the use of maintenance funding should be done with caution.

TOTAL FACILITIES NEEDS		$454,427,342
POTENTIAL FUNDING		
	Current Maintenance Fund Balance	$6,890,603
	Current Developer Fee Fund Balance	$5,860,982
	Projected 5 year Developer Fee Revenue	$5,000,000
	TOTAL PROJECTED REVENUE	$17,751,585
POTENTIAL SAVINGS		
	Portable Rent/Lease Savings (5 year)	$3,250,000
	Owned Portable Removal (5 year)	$4,500,000
	Portable Modernization (one time)	$52,828,988
	TOTAL POTENTIAL SAVINGS	$60,578,988
ADDITIONAL FUNDING NEEDS		$376,096,769

As of January 30, 2015, the balance in the District's Maintenance account was $6,890,603.

D. Summary and Recommendations

The table below shows projected sources of capital facilities funds needed to implement the total of **$454,427,342** in this Facilities Master Plan.

RECOMMENDATIONS:

The District should continue to assess the maximum developer fees allow by law.

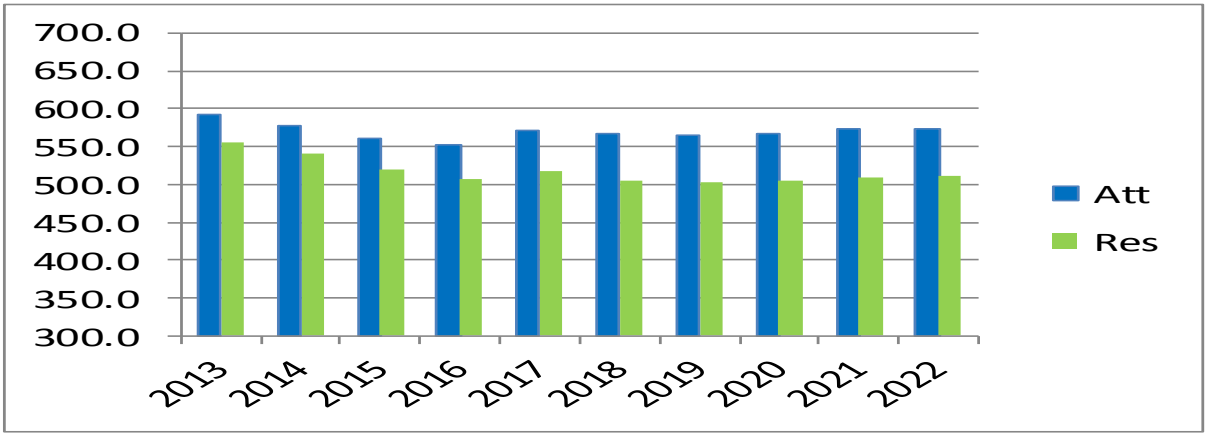
APPENDIX A
DEMOGRAPHICS

DEMOGRAPHICS AND ENROLLMENT PROJECTIONS

The following are excerpts from the demographic study ***Ten Year Enrollment projections (2013/14—2022/23)*** supplied by the District.

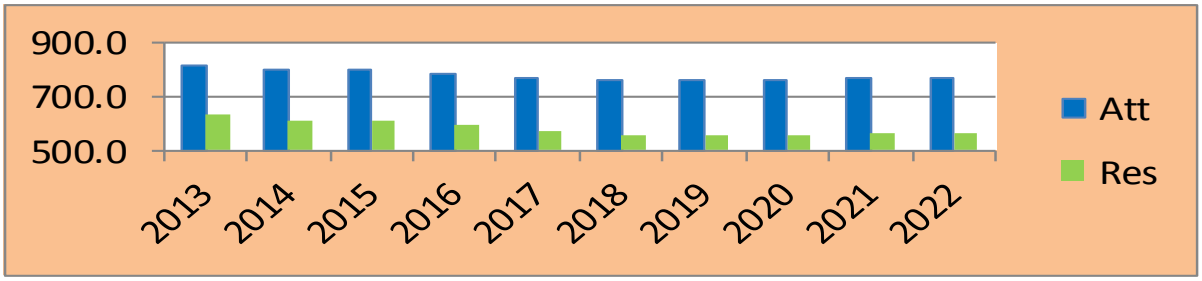
ELEMENTARY
SCHOOL
TEN YEAR ENROLLMENT PROJECTION (2013/14 - 2022/23)
Excludes SDC (code 430). TK students are only listed at sites in 2013 and are not included in any projection totals.
Total projected TK students are listed at the end of the individual school projections.

		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
ALMOND ES	TK	0.0									
SINGLE-TRACK	K	84.3	79.5	84.9	83.2	83.7	84.6	85.4	85.8	85.9	86.1
CAPACITY: 810	1	92.2	88.2	83.3	88.8	87.0	87.6	88.5	89.4	89.7	89.9
	2	89.2	88.5	84.7	79.9	85.2	83.5	84.1	84.9	85.8	86.1
	3	60.3	86.1	85.4	81.7	77.1	82.2	80.6	81.1	82.0	82.8
	4	88.2	58.7	83.8	83.1	79.5	75.0	80.1	78.4	79.0	79.7
	5	94.1	85.9	57.1	81.5	80.9	77.3	73.0	77.9	76.3	76.8
	6	84.2	89.9	82.1	54.6	77.9	77.3	74.0	69.8	74.4	73.0
Attendance Projection	K-6	592.5	576.8	561.2	552.7	571.4	567.8	565.7	567.3	573.1	574.5
Resident Projection		556	540	520	506	519	505	503	505	510	511
Res Under / Over		-6.6%	-6.8%	-8.0%	-9.2%	-10.2%	-12.4%	-12.4%	-12.4%	-12.4%	-12.4%

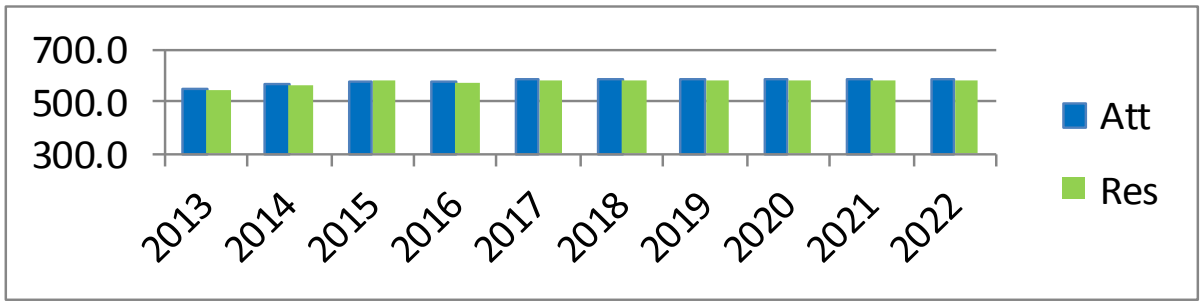


DEMOGRAPHICS

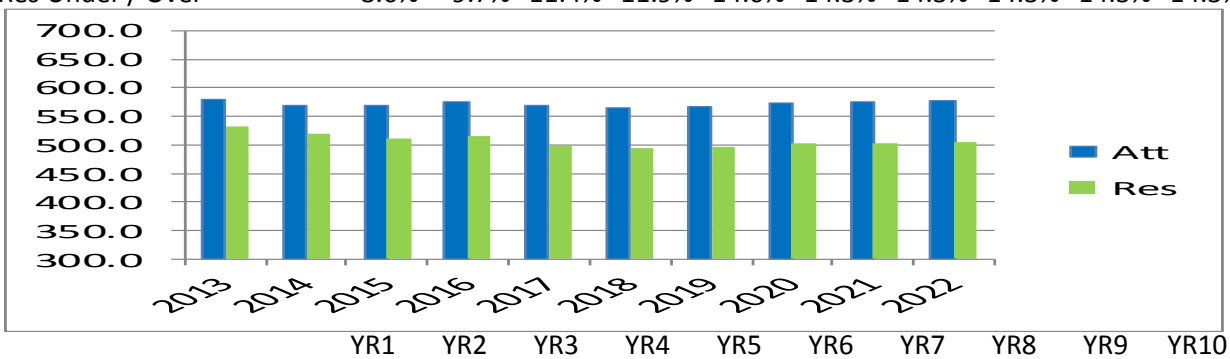
		YR1 2013	YR2 2014	YR3 2015	YR4 2016	YR5 2017	YR6 2018	YR7 2019	YR8 2020	YR9 2021	YR10 2022
BEECH AVE ES (K-6)	TK	33.8									
SINGLE-TRACK	K	113.0	106.6	113.7	111.5	112.2	113.5	114.6	115.0	115.1	115.4
CAPACITY: 780	1	126.1	118.2	111.6	118.9	116.6	117.4	118.6	119.9	120.2	120.4
	2	122.3	121.0	113.5	107.2	114.3	112.0	112.6	113.9	115.1	115.4
	3	122.3	118.1	116.8	109.6	103.4	110.3	108.1	108.8	109.9	111.1
	4	119.4	119.0	114.8	113.6	106.5	100.6	107.2	105.2	105.9	106.9
	5	102.7	116.3	115.9	111.7	110.5	103.8	97.8	104.3	102.3	102.9
	6	111.4	98.1	111.1	110.8	106.8	105.7	99.2	93.5	99.7	97.8
Attendance Projection	K-6	817.2	797.3	797.3	783.4	770.3	763.1	758.1	760.5	768.0	769.9
Resident Projection		630	608	607	594	569	560	558	560	565	567
Res Under / Over		-29.7%	-31.2%	-31.4%	-31.8%	-35.5%	-36.3%	-35.9%	-35.9%	-35.8%	-35.9%



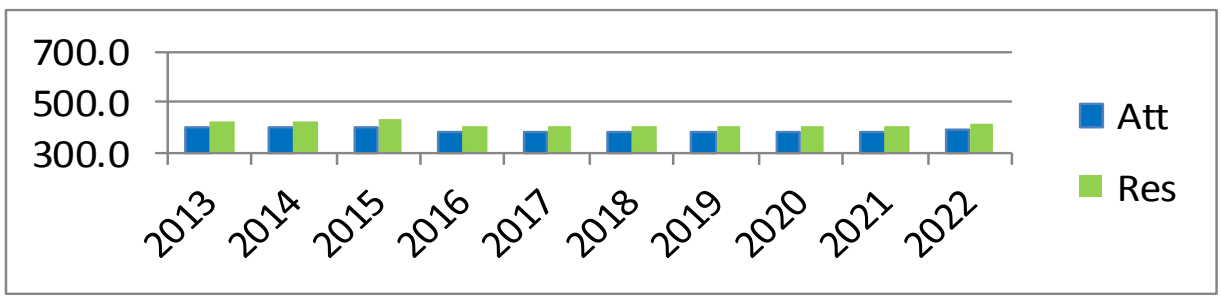
		YR1 2013	YR2 2014	YR3 2015	YR4 2016	YR5 2017	YR6 2018	YR7 2019	YR8 2020	YR9 2021	YR10 2022
(KATHY) BINKS ES	TK	0.0									
SINGLE-TRACK	K	94.2	90.0	95.3	93.8	94.9	95.6	96.1	95.5	95.7	95.9
CAPACITY: 690	1	102.2	101.2	96.2	102.2	101.1	102.1	102.3	101.9	101.2	101.4
	2	91.5	100.4	98.8	94.5	100.6	99.4	99.8	99.1	98.7	98.1
	3	101.3	90.9	99.0	97.8	94.1	99.8	98.1	97.6	96.9	96.5
	4	85.8	101.6	90.8	99.1	98.5	94.6	99.7	97.2	96.7	96.0
	5	73.0	86.5	101.4	91.1	99.8	98.9	94.7	98.8	96.2	95.7
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projection	K-5	548.0	570.5	581.5	578.4	589.0	590.5	590.8	590.2	585.5	583.6
Resident Projection		545	564	579	576	585	586	586	585	580	579
Res Under / Over		-0.5%	-1.1%	-0.4%	-0.4%	-0.7%	-0.9%	-0.9%	-0.9%	-0.9%	-0.9%



		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
CANYON CREST ES	TK	0.0									
SINGLE-TRACK	K	92.9	87.7	93.5	91.7	92.2	93.3	94.2	94.4	94.7	94.9
CAPACITY: 735	1	102.5	99.6	93.9	100.1	98.2	98.8	99.8	100.8	101.2	101.4
	2	103.6	99.4	96.5	91.1	97.2	95.2	95.8	96.8	97.9	98.2
	3	87.6	101.5	97.5	94.6	89.3	95.2	93.4	93.9	94.9	95.8
	4	94.8	87.4	101.3	97.3	94.4	89.1	95.0	93.2	93.7	94.8
	5	98.3	94.6	87.3	101.1	97.1	94.2	88.9	94.8	93.0	93.5
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projec-											
tion	K-5	579.6	570.2	569.9	575.9	568.3	565.7	567.0	574.0	575.4	578.7
Resident Projection		534	520	512	515	498	495	496	502	503	506
Res Under / Over		-8.6%	-9.7%	-11.4%	-11.9%	-14.0%	-14.3%	-14.3%	-14.3%	-14.3%	-14.3%

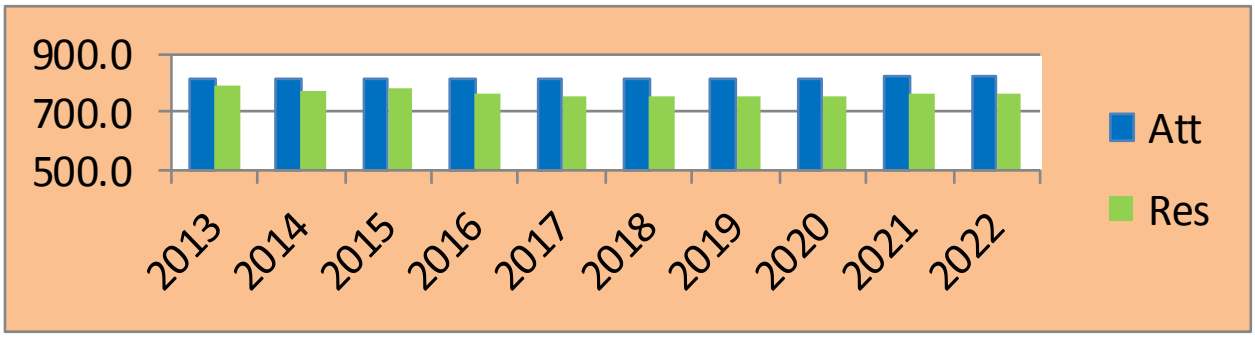


		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
CHAPARRAL ES	TK	33.8									
SINGLE-TRACK	K	62.3	58.8	62.7	61.4	61.8	62.5	63.0	63.3	63.4	63.5
CAPACITY: 540	1	69.2	66.6	62.9	67.1	65.7	66.1	66.9	67.6	67.8	67.9
	2	61.5	67.0	64.7	61.0	65.1	63.7	64.2	64.9	65.5	65.7
	3	85.6	60.3	65.7	63.4	59.8	63.8	62.5	62.9	63.6	64.2
	4	61.0	85.5	60.1	65.6	63.3	59.7	63.6	62.4	62.8	63.4
	5	59.8	60.9	85.3	60.0	65.4	63.1	59.6	63.5	62.3	62.7
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projec-											
tion	K-5	399.3	399.0	401.4	378.5	381.1	378.9	379.9	384.6	385.4	387.5
Resident Projection		426	426	431	407	404	402	402	407	408	411
Res Under / Over		6.2%	6.2%	6.9%	7.0%	5.7%	5.6%	5.6%	5.6%	5.6%	5.6%

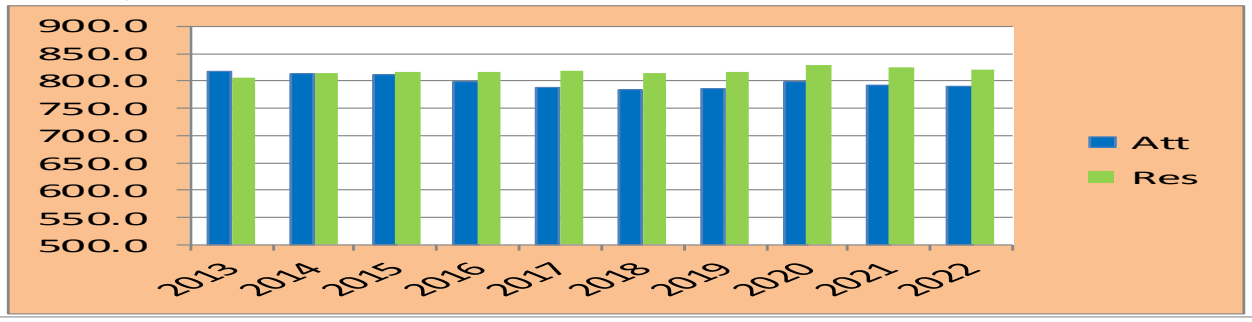


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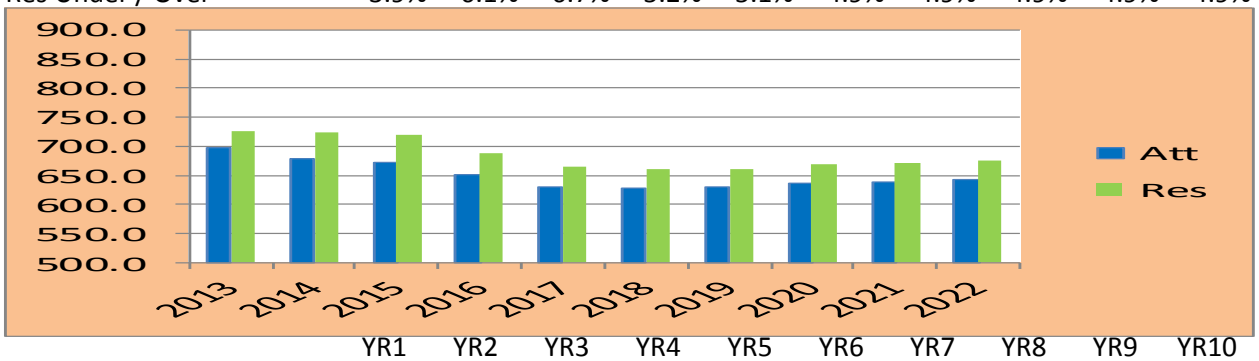
		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
CITRUS ES (K-6)	TK	0.0									
SINGLE-TRACK	K	121.7	114.8	122.4	120.0	120.8	122.0	123.3	123.6	124.0	124.2
CAPACITY: 795	1	131.7	127.2	120.1	128.0	125.5	126.3	127.7	129.0	129.3	129.6
	2	120.6	126.4	122.1	115.2	122.9	120.5	121.2	122.5	123.8	124.2
	3	116.3	116.3	121.9	117.8	111.2	118.6	116.2	117.0	118.3	119.4
	4	117.5	113.2	113.2	118.7	114.7	108.2	115.4	113.1	113.8	115.0
	5	109.2	114.3	110.1	110.1	115.5	111.5	105.3	112.3	110.0	110.8
	6	94.5	104.4	109.3	105.2	105.2	110.4	106.6	100.6	107.3	105.2
Attendance Projec-											
tion	K-6	811.5	816.7	819.0	815.1	815.7	817.5	815.7	818.0	826.6	828.4
Resident Projection		790	777	786	767	759	755	752	754	762	764
Res Under / Over		-2.8%	-5.1%	-4.2%	-6.3%	-7.5%	-8.3%	-8.5%	-8.5%	-8.5%	-8.5%



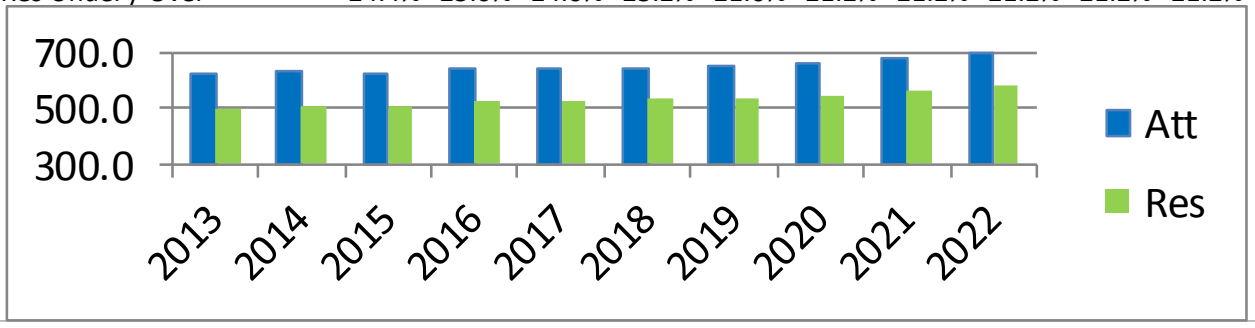
		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
CYPRESS ES	TK	0.0									
SINGLE-TRACK	K	126.5	115.7	123.3	122.4	123.2	124.4	125.7	126.1	124.9	125.2
CAPACITY: 885	1	141.4	136.3	124.7	134.4	133.3	134.1	135.6	136.9	135.9	134.7
	2	146.2	138.2	133.1	123.3	132.8	131.7	132.5	133.8	133.7	132.8
	3	147.8	144.3	136.4	132.9	123.0	132.4	131.3	132.2	132.1	132.0
	4	130.6	148.6	145.0	138.4	134.9	125.1	134.5	133.4	132.8	132.8
	5	124.7	131.3	149.3	147.3	140.5	136.9	127.1	136.5	134.1	133.5
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projec-											
tion	K-5	817.2	814.3	811.9	798.6	787.7	784.6	786.7	798.9	793.4	790.9
Resident Projection		806	814	817	816	819	815	817	830	824	822
Res Under / Over		-1.4%	0.0%	0.6%	2.1%	3.8%	3.8%	3.7%	3.7%	3.8%	3.7%



		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
DATE ES	TK	33.8									
SINGLE-TRACK	K	108.3	102.1	108.9	106.7	107.5	108.5	109.7	110.1	110.3	110.5
CAPACITY: 783	1	116.3	113.1	106.8	113.8	111.6	112.3	113.4	114.7	115.0	115.3
	2	131.8	111.5	108.4	102.3	109.2	107.0	107.7	108.8	110.0	110.2
	3	123.4	127.1	107.5	104.6	98.6	105.2	103.2	103.8	104.9	106.0
	4	108.6	120.0	123.5	104.5	101.6	95.9	102.3	100.2	100.9	101.9
	5	109.6	105.5	116.6	120.0	101.6	98.8	93.2	99.4	97.5	98.0
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projec-											
tion	K-5	697.9	679.3	671.8	651.9	630.1	627.7	629.5	637.0	638.4	641.9
Resident Projection		727	723	720	688	664	660	662	670	671	675
Res Under / Over		3.9%	6.1%	6.7%	5.2%	5.1%	4.9%	4.9%	4.9%	4.9%	4.9%

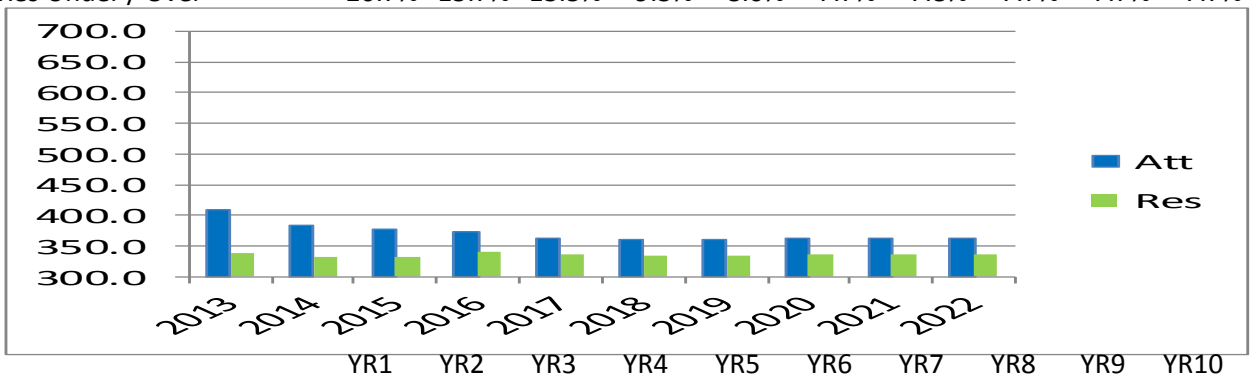


		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
(DOROTHY) GRANT ES	TK	33.8									
SINGLE-TRACK	K	113.0	106.7	114.2	111.5	112.2	114.4	115.5	115.8	118.9	119.1
CAPACITY: 735	1	117.8	115.7	109.7	116.8	114.0	115.8	117.9	119.0	122.2	125.3
	2	112.8	112.1	110.7	104.6	111.4	109.8	111.3	113.3	117.2	120.3
	3	80.2	108.3	108.1	106.1	100.4	107.8	106.2	107.7	112.5	116.3
	4	116.8	78.1	105.8	104.8	103.0	98.5	105.5	103.9	108.3	113.0
	5	83.5	113.2	76.6	102.7	101.6	101.0	96.6	103.4	104.9	109.1
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projec-											
tion	K-5	624.0	634.0	625.1	646.6	642.4	647.3	653.1	663.1	684.0	703.1
Resident Projection		502	507	504	525	531	534	539	547	565	580
Res Under / Over		-24.4%	-25.0%	-24.0%	-23.2%	-21.0%	-21.2%	-21.2%	-21.2%	-21.2%	-21.2%

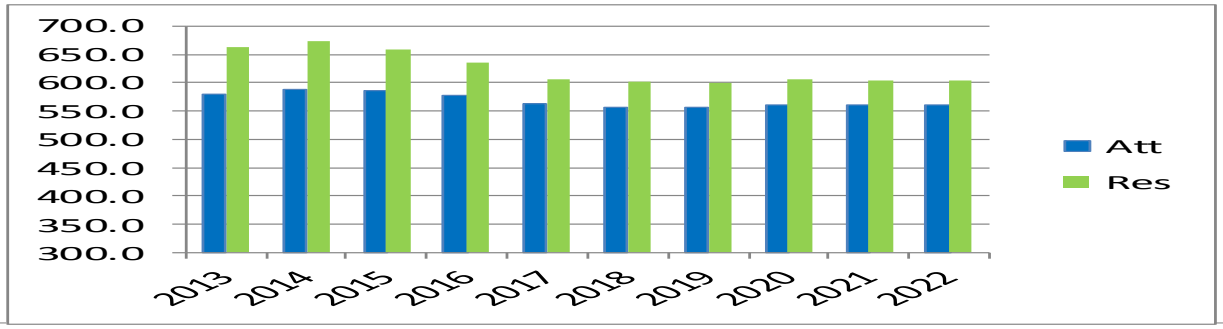


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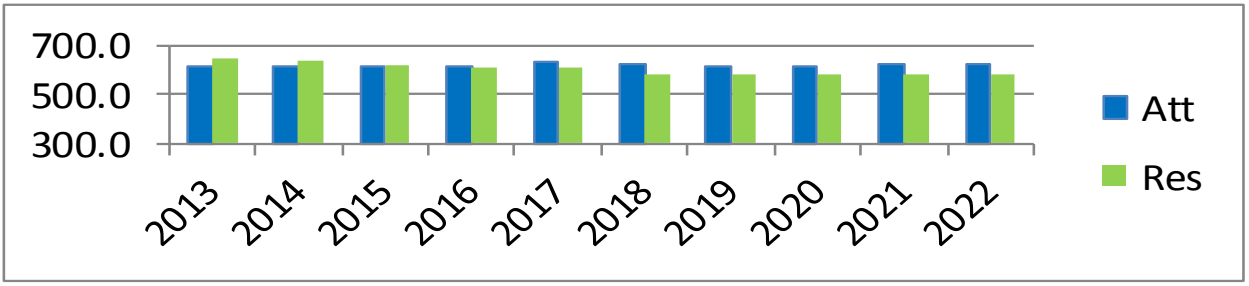
		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
HEMLOCK ES	TK	0.0									
SINGLE-TRACK	K	62.3	59.4	64.8	63.5	63.6	63.8	64.4	64.5	64.8	64.9
CAPACITY: 675	1	66.6	63.4	62.0	67.3	65.8	65.3	65.5	66.2	66.3	66.5
	2	75.5	61.9	60.4	59.1	63.8	61.7	61.4	61.6	62.1	62.4
	3	64.6	70.6	59.6	58.0	56.5	60.3	58.5	58.2	58.3	58.8
	4	69.7	61.8	69.0	58.3	56.6	54.7	58.3	56.5	56.2	56.4
	5	69.5	66.5	61.0	67.3	56.8	54.7	52.8	56.2	54.6	54.3
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projec-											
tion	K-5	408.1	383.6	376.8	373.5	363.0	360.4	361.0	363.2	362.4	363.2
Resident Projection		338	332	332	342	336	335	335	337	336	337
Res Under / Over		-20.7%	-15.7%	-13.5%	-9.3%	-8.0%	-7.7%	-7.8%	-7.7%	-7.7%	-7.7%



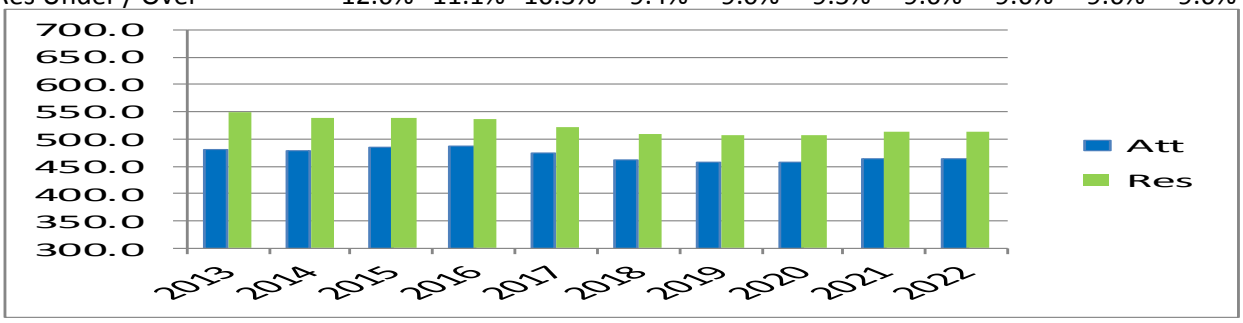
		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
JUNIPER ES	TK	0.0									
SINGLE-TRACK	K	95.2	90.0	93.5	92.2	92.8	93.8	94.7	95.0	94.6	94.8
CAPACITY: 870	1	103.7	102.0	94.3	98.6	97.1	97.8	98.9	99.9	99.6	99.1
	2	108.7	101.8	97.9	91.0	95.0	93.8	94.4	95.4	95.8	95.5
	3	100.1	107.2	98.4	95.2	88.5	92.5	91.3	91.9	92.2	92.6
	4	88.2	99.9	104.8	96.8	93.7	87.2	91.0	89.8	89.8	90.2
	5	83.6	88.3	97.6	103.0	95.2	92.2	85.8	89.6	87.8	87.8
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projec-											
tion	K-5	579.5	589.2	586.5	576.8	562.3	557.3	556.2	561.5	559.9	560.0
Resident Projection		663	674	659	636	607	601	600	606	604	604
Res Under / Over		12.6%	12.5%	11.0%	9.3%	7.4%	7.3%	7.3%	7.3%	7.3%	7.3%



		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
LIVE OAK ES (K-6)	TK	33.8									
SINGLE-TRACK	K	91.0	85.9	91.5	89.7	90.9	91.9	92.2	92.5	92.7	92.9
CAPACITY: 765	1	102.5	95.2	89.8	95.8	94.4	95.6	96.0	96.5	96.8	97.0
	2	106.5	98.3	91.4	86.2	92.5	91.2	91.7	92.2	92.6	92.9
	3	77.7	102.8	94.9	88.2	83.8	89.8	88.0	88.6	89.0	89.3
	4	81.1	75.6	100.0	92.3	86.3	82.0	87.4	85.6	86.2	86.5
	5	87.0	78.9	73.5	97.3	90.4	84.6	79.8	85.0	83.3	83.8
	6	74.6	83.2	75.5	70.3	93.4	87.0	80.8	76.3	81.2	79.6
Attendance Projection	K-6	620.4	619.9	616.7	619.9	631.7	622.0	615.9	616.6	621.8	622.1
Resident Projection		648	636	622	610	607	585	582	582	587	587
Res Under / Over		4.3%	2.6%	0.9%	-1.7%	-4.1%	-6.4%	-5.9%	-5.9%	-5.9%	-5.9%

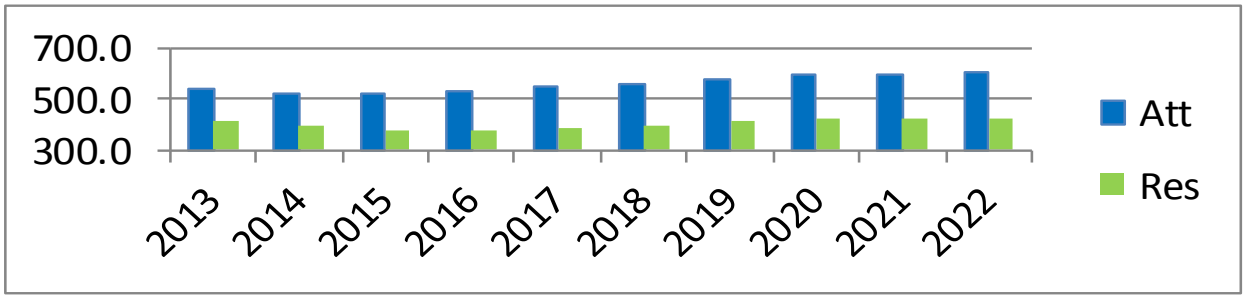


		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
LOCUST ES (K-6)	TK	0.0									
SINGLE-TRACK	K	61.4	58.1	61.7	60.4	60.9	61.5	62.2	62.4	62.4	62.6
CAPACITY: 714	1	70.4	67.1	63.2	67.2	65.9	66.2	67.0	67.7	67.9	68.0
	2	78.7	69.4	65.9	62.1	66.0	64.8	65.1	65.9	66.5	66.8
	3	77.5	78.7	69.3	65.8	62.0	65.9	64.6	65.0	65.7	66.4
	4	62.7	78.9	80.0	70.4	66.9	63.0	67.0	65.6	66.1	66.8
	5	62.2	63.9	80.2	81.2	71.5	68.0	64.0	68.1	66.7	67.1
	6	67.5	62.3	63.9	80.1	81.1	71.4	67.9	64.0	68.0	66.6
Attendance Projection	K-6	480.5	478.3	484.2	487.3	474.3	460.9	457.8	458.6	463.4	464.3
Resident Projection		550	538	540	538	521	509	507	507	513	514
Res Under / Over		12.6%	11.1%	10.3%	9.4%	9.0%	9.5%	9.6%	9.6%	9.6%	9.6%

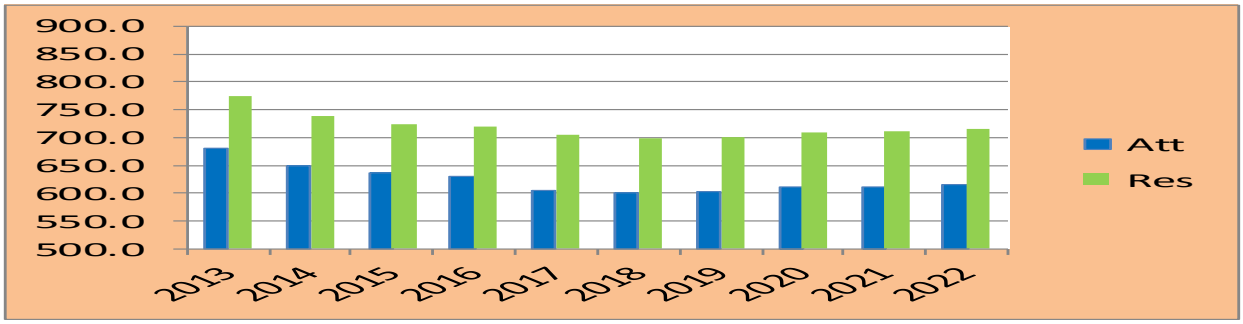


DEMOGRAPHICS

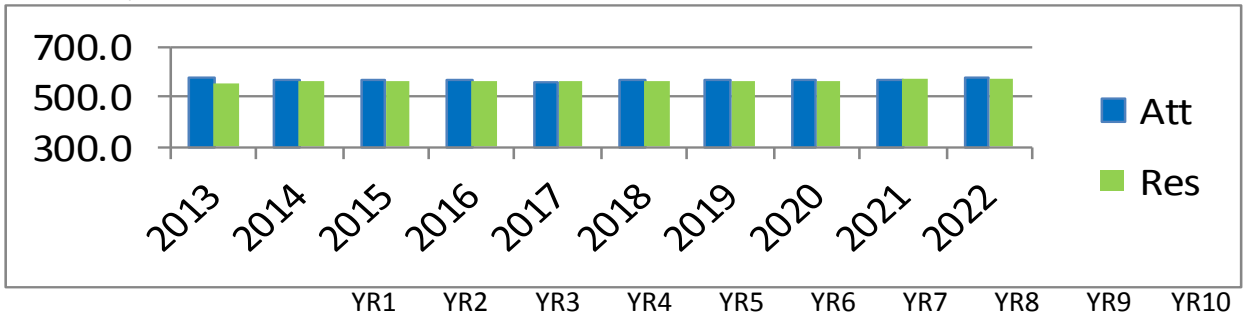
		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
MANGO ES	TK	33.8									
SINGLE-TRACK	K	88.1	83.2	89.0	89.0	90.0	92.0	94.5	93.1	93.3	93.5
CAPACITY: 780	1	97.0	92.5	87.6	95.5	95.9	98.0	101.7	102.8	101.3	101.5
	2	89.1	93.0	89.0	86.0	94.1	95.5	99.3	101.1	102.2	100.7
	3	84.3	86.1	90.4	88.2	85.8	94.7	97.8	99.6	101.4	102.4
	4	90.3	82.7	84.8	90.6	89.0	87.6	97.9	99.3	101.1	102.9
	5	91.6	88.6	81.3	85.0	91.4	90.7	91.1	99.5	100.8	102.6
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projection	K-5	540.4	526.0	522.0	534.2	546.2	558.5	582.4	595.4	600.0	603.6
Resident Projection		415	394	381	381	386	395	412	421	425	427
Res Under / Over		-30.3%	-33.5%	-37.0%	-40.3%	-41.5%	-41.4%	-41.4%	-41.4%	-41.3%	-41.3%



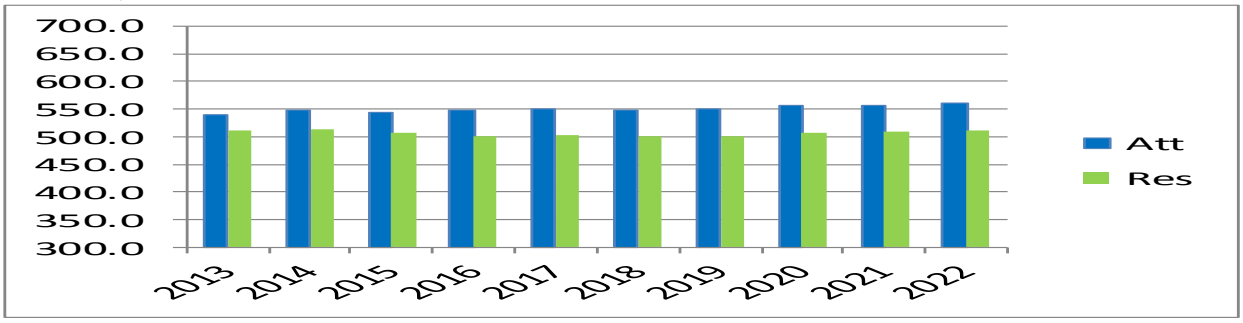
		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
MAPLE ES	TK	33.8									
SINGLE-TRACK	K	94.8	89.5	95.4	93.5	94.1	95.1	96.1	96.4	96.7	96.8
CAPACITY: 1035	1	107.4	103.3	97.5	103.9	101.9	102.5	103.6	104.7	105.0	105.2
	2	123.9	105.5	101.5	95.8	102.2	100.1	100.8	101.8	102.9	103.2
	3	108.4	123.7	105.3	101.3	95.6	101.9	100.0	100.6	101.6	102.7
	4	114.9	110.1	125.7	107.0	102.9	97.1	103.6	101.6	102.2	103.3
	5	131.4	116.7	111.8	127.6	108.7	104.6	98.7	105.3	103.2	103.8
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projection	K-5	680.8	648.7	637.2	629.2	605.5	601.4	602.8	610.4	611.4	615.1
Resident Projection		775	738	725	719	704	699	700	709	711	715
Res Under / Over		12.2%	12.1%	12.1%	12.5%	14.0%	14.0%	13.9%	13.9%	14.0%	13.9%



		YR1 2013	YR2 2014	YR3 2015	YR4 2016	YR5 2017	YR6 2018	YR7 2019	YR8 2020	YR9 2021	YR10 2022
NORTH TAMARIND ES											
(K-6)	TK	0.0									
SINGLE-TRACK	K	78.6	74.1	79.1	77.5	78.0	78.9	79.7	79.9	80.1	80.2
CAPACITY: 840	1	87.6	84.4	79.7	85.0	83.2	83.8	84.6	85.6	85.9	86.0
	2	74.7	85.5	82.3	77.6	82.8	81.1	81.7	82.5	83.4	83.6
	3	88.1	73.7	84.3	81.2	76.6	81.8	80.1	80.6	81.5	82.4
	4	80.1	88.6	74.0	84.6	81.5	76.9	82.0	80.4	80.9	81.8
	5	80.6	80.5	88.9	74.3	85.0	81.8	77.2	82.3	80.7	81.2
	6	86.8	79.5	79.4	87.6	73.2	83.7	80.5	76.0	81.0	79.5
Attendance Projec-											
tion	K-6	576.5	566.3	567.5	567.8	560.2	568.0	565.8	567.2	573.4	574.5
Resident Projection		554	560	568	569	561	569	567	568	574	576
Res Under / Over		-4.1%	-1.1%	0.0%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.2%

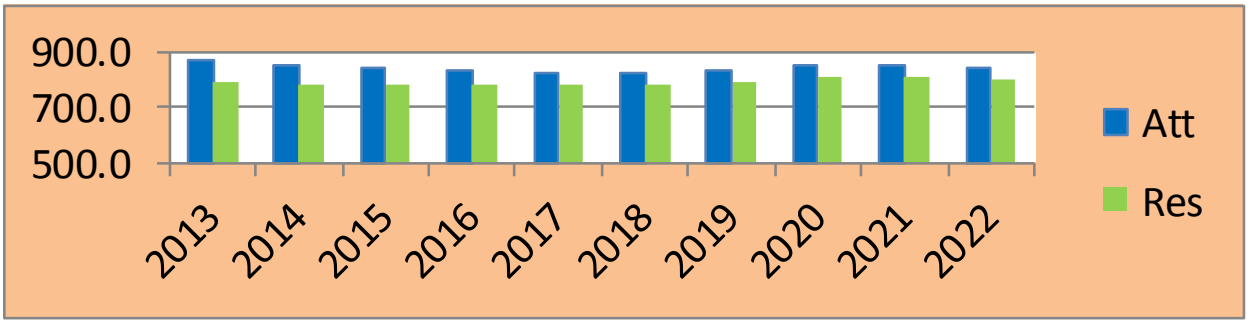


		YR1 2013	YR2 2014	YR3 2015	YR4 2016	YR5 2017	YR6 2018	YR7 2019	YR8 2020	YR9 2021	YR10 2022
OAK PARK ES	TK	0.0									
SINGLE-TRACK	K	90.1	85.0	90.6	88.8	89.4	90.4	91.3	91.6	91.7	91.9
CAPACITY: 660	1	100.0	96.4	91.0	97.1	95.1	95.8	96.8	97.8	98.1	98.3
	2	90.7	97.0	93.6	88.3	94.1	92.2	92.9	93.9	94.8	95.1
	3	86.4	88.8	95.1	91.6	86.5	92.3	90.4	91.0	92.0	92.9
	4	95.0	86.2	88.7	94.9	91.5	86.4	92.1	90.3	90.8	91.8
	5	78.0	94.8	86.0	88.5	94.7	91.3	86.2	91.9	90.1	90.6
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projec-											
tion	K-5	540.1	548.3	544.9	549.2	551.3	548.3	549.7	556.4	557.4	560.7
Resident Projection		511	514	507	500	504	501	502	508	509	512
Res Under / Over		-5.8%	-6.6%	-7.5%	-9.9%	-9.4%	-9.6%	-9.6%	-9.6%	-9.6%	-9.6%

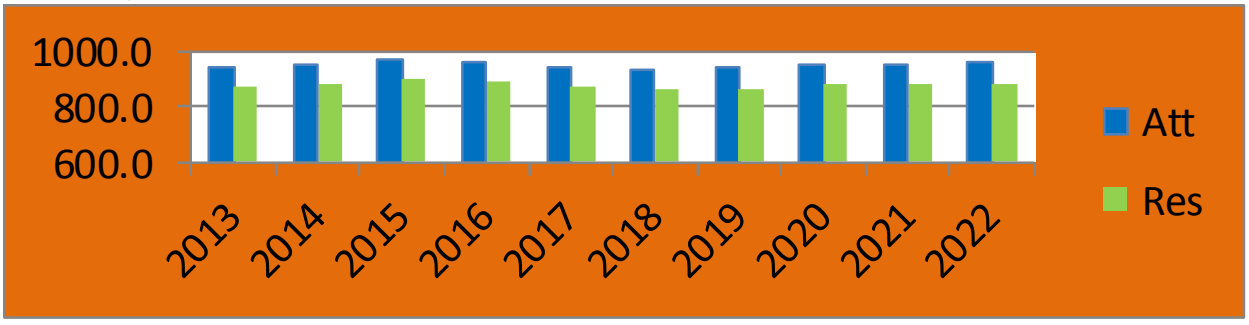


DEMOGRAPHICS

		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
OLEANDER ES	TK	33.8									
SINGLE-TRACK	K	137.0	129.2	138.9	136.6	137.7	140.1	141.7	142.0	140.6	139.9
CAPACITY: 1020	1	151.9	143.2	136.1	146.6	144.4	146.6	149.2	150.7	149.4	147.0
	2	153.2	145.7	138.3	132.0	142.3	141.2	143.4	145.8	145.6	143.4
	3	147.0	147.7	141.5	134.8	128.9	139.8	138.9	140.9	141.6	140.4
	4	145.7	142.9	144.6	139.0	132.7	128.0	138.6	137.7	138.0	137.7
	5	134.0	141.6	140.0	142.0	136.8	131.6	127.1	137.4	134.8	134.2
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projection	K-5	868.9	850.4	839.4	830.8	822.9	827.1	838.9	854.5	850.0	842.5
Resident Projection		788	781	782	783	779	785	796	811	807	800
Res Under / Over		-10.2%	-8.9%	-7.3%	-6.1%	-5.7%	-5.4%	-5.4%	-5.4%	-5.3%	-5.4%

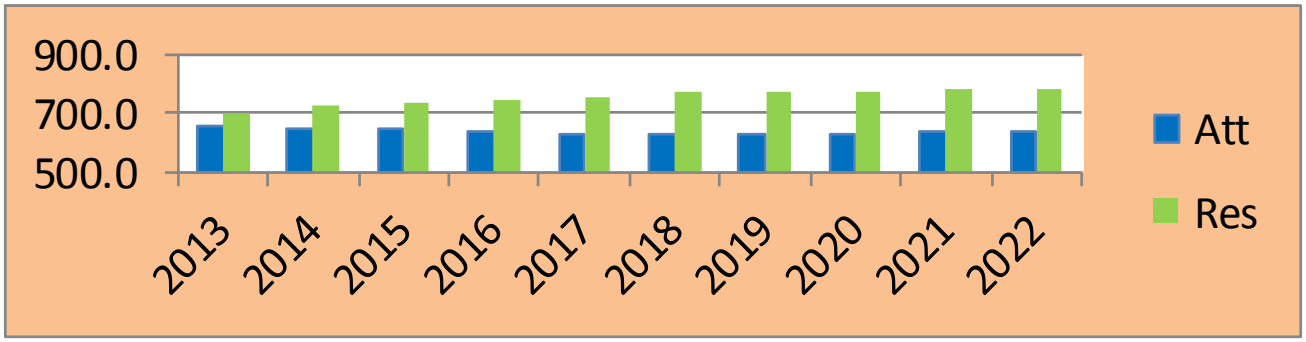


		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
PALMETTO ES	TK	0.0									
SINGLE-TRACK	K	151.4	142.9	152.3	149.3	150.3	151.8	153.4	153.9	154.2	154.5
CAPACITY: 885	1	167.0	163.2	154.0	164.2	160.9	162.0	163.6	165.4	165.8	166.3
	2	176.9	163.1	159.4	150.4	160.4	157.2	158.2	159.9	161.6	162.1
	3	165.5	174.6	161.0	157.4	148.4	158.3	155.2	156.2	157.8	159.5
	4	144.3	166.3	175.4	161.8	158.1	149.2	159.1	156.0	156.9	158.6
	5	143.0	145.1	167.2	176.2	162.5	158.9	150.0	159.9	156.7	157.8
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projection	K-5	948.0	955.2	969.3	959.3	940.6	937.4	939.5	951.3	953.0	958.8
Resident Projection		878	884	898	890	873	867	869	880	882	887
Res Under / Over		-8.0%	-8.0%	-7.9%	-7.8%	-7.7%	-8.1%	-8.1%	-8.1%	-8.1%	-8.1%

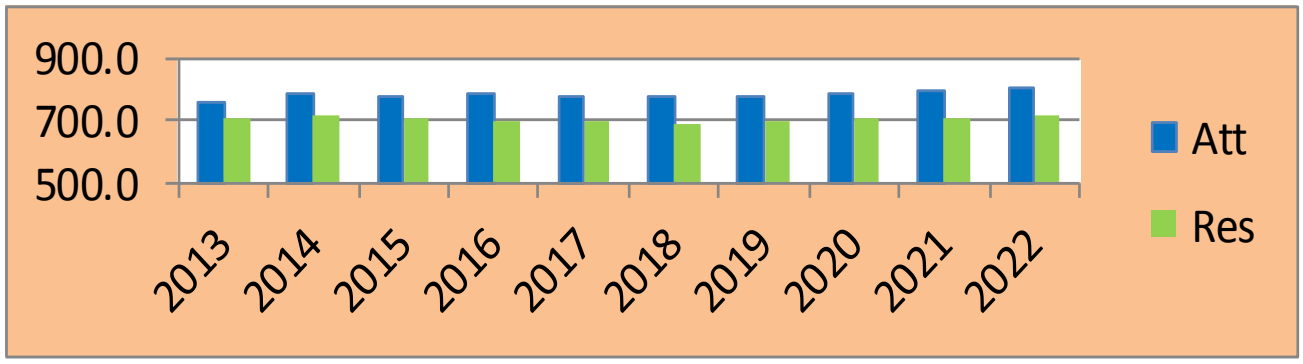


DEMOGRAPHICS

		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
POPLAR ES (K-6)	TK	33.8									
SINGLE-TRACK	K	93.9	88.6	94.5	92.6	93.1	94.1	95.1	95.5	95.6	95.9
CAPACITY: 828	1	102.1	98.2	92.7	98.8	96.8	97.5	98.5	99.5	99.8	100.0
	2	91.0	98.0	94.3	88.9	94.9	93.0	93.5	94.5	95.5	95.8
	3	103.8	87.8	94.6	91.0	85.8	91.5	89.7	90.3	91.3	92.2
	4	93.6	101.0	85.5	92.0	88.5	83.6	89.1	87.3	87.8	88.7
	5	89.9	91.1	98.2	83.1	89.5	86.1	81.3	86.6	84.9	85.5
	6	79.3	85.9	87.1	93.9	79.4	85.6	82.3	77.7	82.8	81.2
Attendance Projection	K-6	653.5	650.6	646.8	640.3	628.1	631.4	629.6	631.4	637.8	639.3
Resident Projection		702	724	738	749	755	773	770	773	781	782
Res Under / Over		6.8%	10.1%	12.4%	14.5%	16.8%	18.3%	18.3%	18.3%	18.3%	18.3%

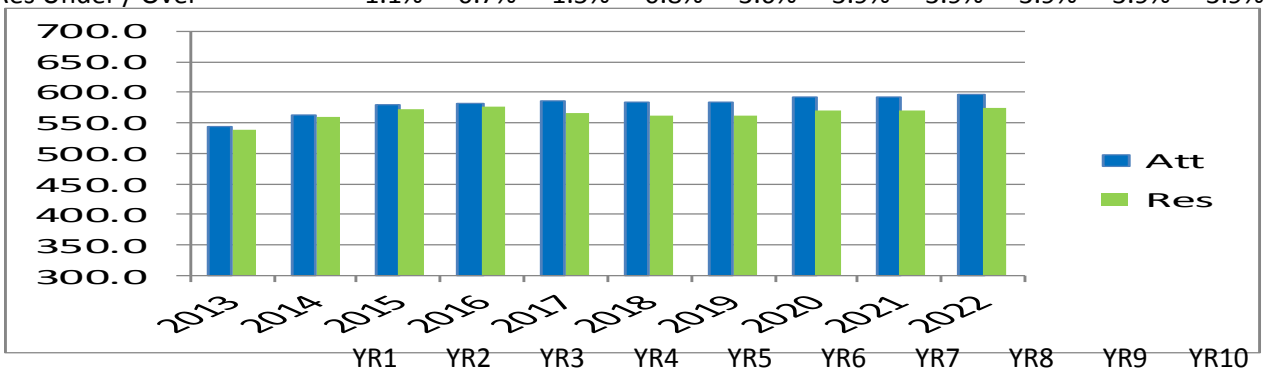


		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
(TED) PORTER ES	TK	33.8									
SINGLE-TRACK	K	122.6	115.7	123.4	120.9	121.7	123.0	124.3	125.2	125.6	125.8
CAPACITY: 870	1	137.2	133.5	126.0	134.3	131.7	132.5	134.0	135.9	136.9	137.3
	2	132.9	135.0	131.3	123.9	132.1	129.5	130.3	132.2	134.2	135.4
	3	125.8	132.6	134.7	131.0	123.6	131.8	129.2	130.6	132.6	134.6
	4	139.2	127.8	134.8	136.9	133.1	125.6	134.0	131.9	133.3	135.3
	5	105.7	141.4	129.8	136.9	139.0	135.3	127.6	136.6	134.6	136.0
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projection	K-5	763.5	786.0	780.0	783.9	781.3	777.6	779.4	792.3	797.2	804.4
Resident Projection		704	719	709	703	698	693	695	706	711	717
Res Under / Over		-8.4%	-9.3%	-10.0%	-11.5%	-11.9%	-12.2%	-12.2%	-12.2%	-12.2%	-12.2%

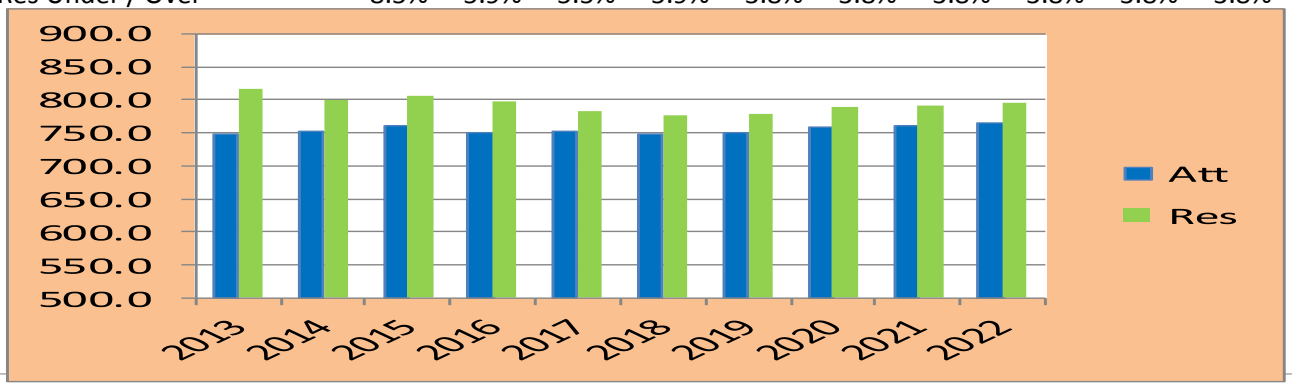


DEMOGRAPHICS

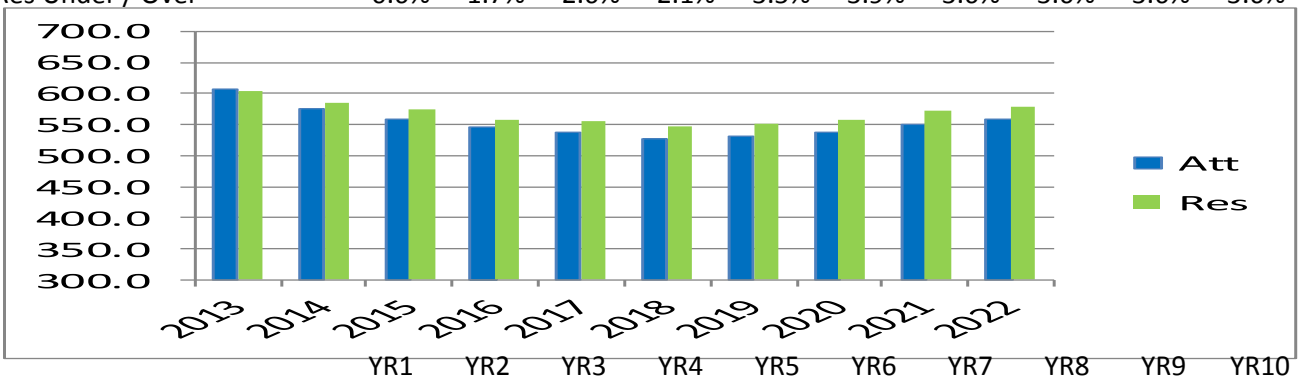
		YR1 2013	YR2 2014	YR3 2015	YR4 2016	YR5 2017	YR6 2018	YR7 2019	YR8 2020	YR9 2021	YR10 2022
(VIRGINIA) PRIMROSE	TK	0.0									
ES	K	92.0	86.7	92.5	90.7	91.2	92.3	93.2	93.4	93.6	93.9
SINGLE-TRACK	1	103.4	100.1	94.5	100.8	98.8	99.4	100.5	101.5	101.8	102.0
CAPACITY: 714	2	92.8	101.7	98.4	92.9	99.0	97.1	97.7	98.7	99.8	100.1
(capacity w/DOH repl.)	3	96.3	92.6	101.4	98.3	92.7	98.9	96.9	97.5	98.6	99.6
	4	82.5	97.8	94.1	103.1	99.8	94.1	100.4	98.5	99.1	100.1
	5	77.7	83.8	99.4	95.5	104.8	101.4	95.7	102.0	100.0	100.6
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projection	K-5	544.6	562.8	580.2	581.2	586.3	583.1	584.4	591.7	592.9	596.3
Resident Projection		539	559	572	577	566	562	563	570	571	574
Res Under / Over		-1.1%	-0.7%	-1.5%	-0.8%	-3.6%	-3.9%	-3.9%	-3.9%	-3.9%	-3.9%



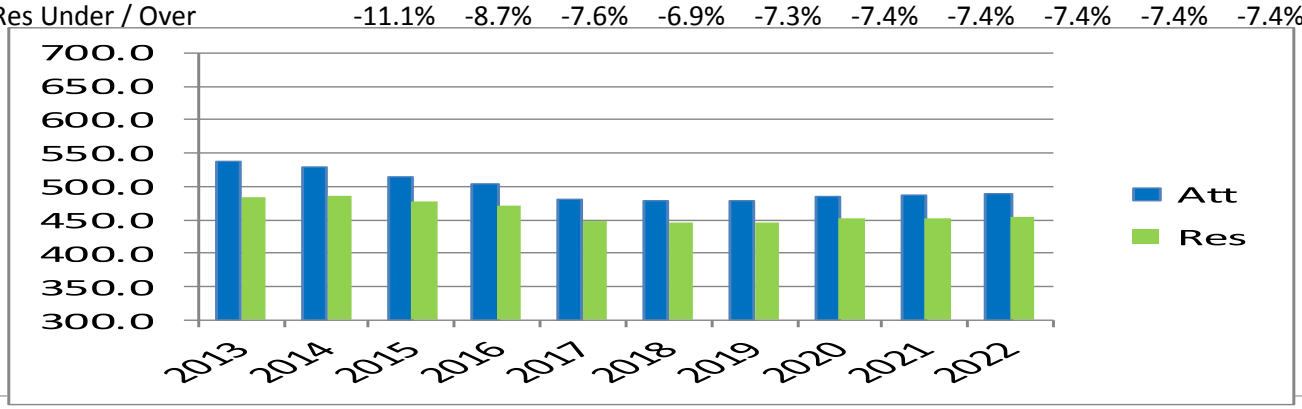
		YR1 2013	YR2 2014	YR3 2015	YR4 2016	YR5 2017	YR6 2018	YR7 2019	YR8 2020	YR9 2021	YR10 2022
RANDALL PEPPER ES	TK	0.0									
SINGLE-TRACK	K	120.7	113.9	121.5	119.1	119.8	121.1	122.4	122.7	123.0	123.2
CAPACITY: 825	1	135.9	130.2	122.9	131.0	128.4	129.2	130.6	131.9	132.3	132.6
	2	123.8	132.8	127.2	120.0	128.0	125.5	126.3	127.6	128.9	129.3
	3	134.1	122.2	131.1	125.6	118.5	126.3	123.8	124.6	125.9	127.2
	4	118.3	134.7	122.8	131.8	126.2	119.0	126.9	124.4	125.2	126.5
	5	115.3	118.9	135.4	123.4	132.4	126.8	119.6	127.5	125.1	125.8
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projection	K-5	748.2	752.8	760.9	750.8	753.3	747.9	749.6	758.9	760.4	764.7
Resident Projection		818	800	805	798	783	778	779	789	791	795
Res Under / Over		8.5%	5.9%	5.5%	5.9%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%



		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
REDWOOD ES (K-6)	TK	0.0									
SINGLE-TRACK	K	77.6	73.2	78.1	76.5	77.0	78.8	79.6	79.8	80.5	80.7
CAPACITY: 855	1	83.2	81.2	76.6	81.6	80.1	81.4	83.3	84.3	85.0	85.6
	2	96.7	79.8	77.9	73.5	78.4	77.7	79.2	81.0	82.4	83.0
	3	83.4	93.4	77.0	75.2	71.0	76.5	76.0	77.4	79.6	81.0
	4	86.5	81.2	90.8	74.9	73.2	69.9	75.4	75.0	76.8	78.9
	5	86.8	84.2	78.9	88.4	72.9	72.0	69.0	74.3	74.3	76.1
	6	93.3	82.9	80.4	75.5	84.4	70.5	69.8	66.9	72.5	72.5
Attendance Projection	K-6	607.5	575.9	559.7	545.6	537.0	526.9	532.3	538.6	551.0	557.9
Resident Projection		604	586	574	557	556	548	552	559	572	579
Res Under / Over		-0.6%	1.7%	2.6%	2.1%	3.5%	3.9%	3.6%	3.6%	3.6%	3.6%

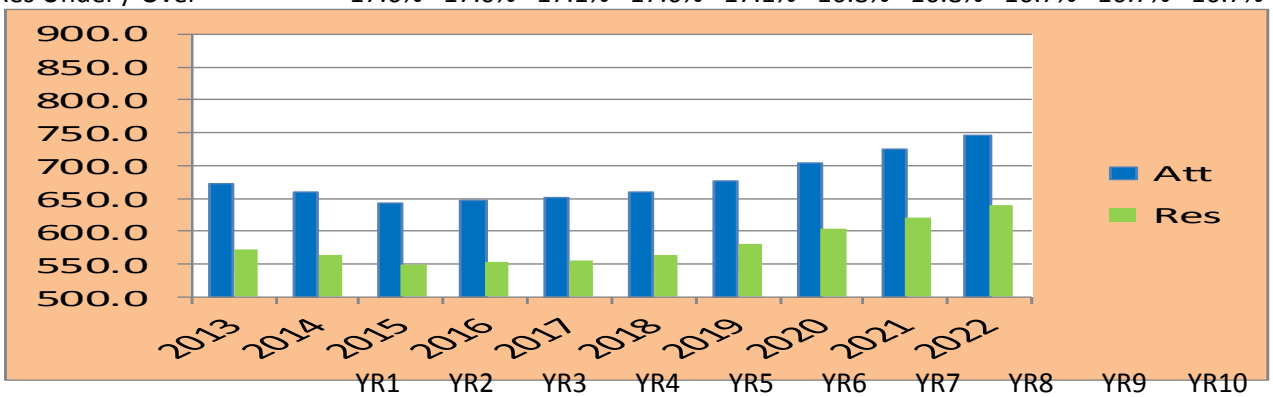


		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
SHADOW HILLS ES	TK	33.8									
SINGLE-TRACK	K	78.6	74.1	79.1	77.5	78.0	78.9	79.6	79.9	80.1	80.2
CAPACITY: 645	1	87.2	84.2	79.4	84.7	83.0	83.5	84.4	85.3	85.6	85.7
	2	105.3	84.6	81.6	77.1	82.1	80.5	81.1	81.9	82.8	83.0
	3	87.9	103.2	82.9	80.0	75.6	80.5	79.0	79.4	80.3	81.1
	4	95.8	87.7	103.0	82.8	79.9	75.4	80.3	78.8	79.2	80.1
	5	82.3	95.6	87.5	102.8	82.6	79.7	75.3	80.1	78.7	79.1
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projection	K-5	537.0	529.4	513.6	504.9	481.2	478.5	479.6	485.4	486.6	489.2
Resident Projection		484	487	477	472	449	446	447	452	453	456
Res Under / Over		-11.1%	-8.7%	-7.6%	-6.9%	-7.3%	-7.4%	-7.4%	-7.4%	-7.4%	-7.4%

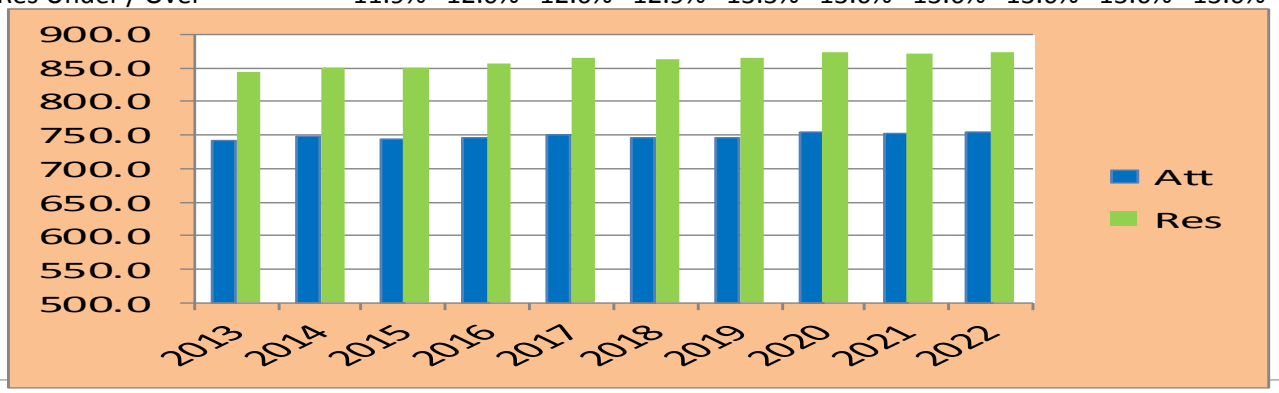


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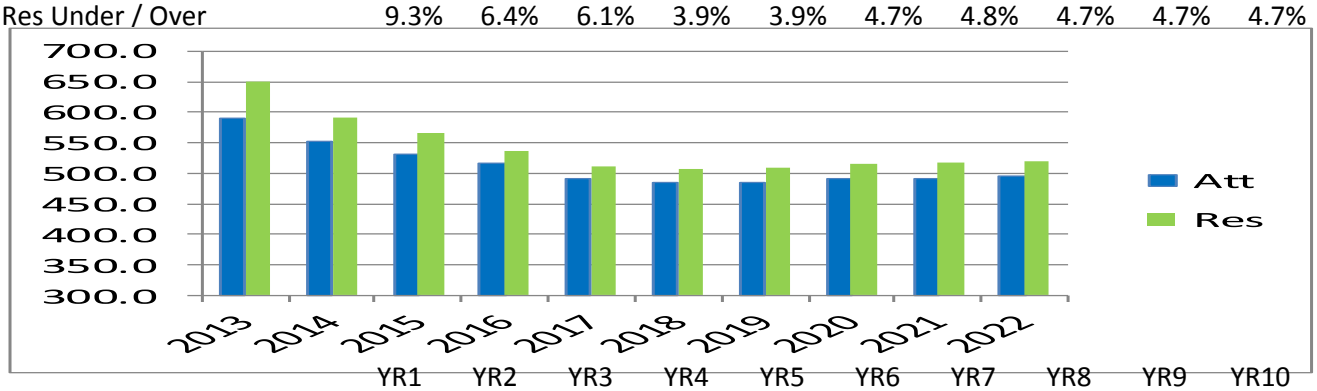
		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
SIERRA LAKES ES	TK	0.0									
SINGLE-TRACK	K	96.7	92.0	98.7	97.8	99.6	100.3	102.7	104.5	105.5	106.3
CAPACITY: 750	1	107.5	104.7	100.7	108.8	109.1	110.8	112.8	116.7	119.5	121.1
	2	118.1	106.5	104.8	101.8	110.9	110.8	113.7	117.3	121.9	125.2
	3	109.4	117.7	107.5	106.6	105.0	113.5	114.8	119.1	123.4	128.5
	4	128.4	110.7	119.5	110.6	110.8	109.1	118.6	121.4	126.5	131.3
	5	112.7	129.2	112.7	122.3	114.9	114.8	114.3	125.2	128.8	134.4
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projection	K-5	672.6	660.8	643.8	648.0	650.3	659.3	676.8	704.2	725.6	746.8
Resident Projection		572	565	550	554	555	565	580	603	622	640
Res Under / Over		-17.6%	-17.0%	-17.1%	-17.0%	-17.1%	-16.8%	-16.8%	-16.7%	-16.7%	-16.7%



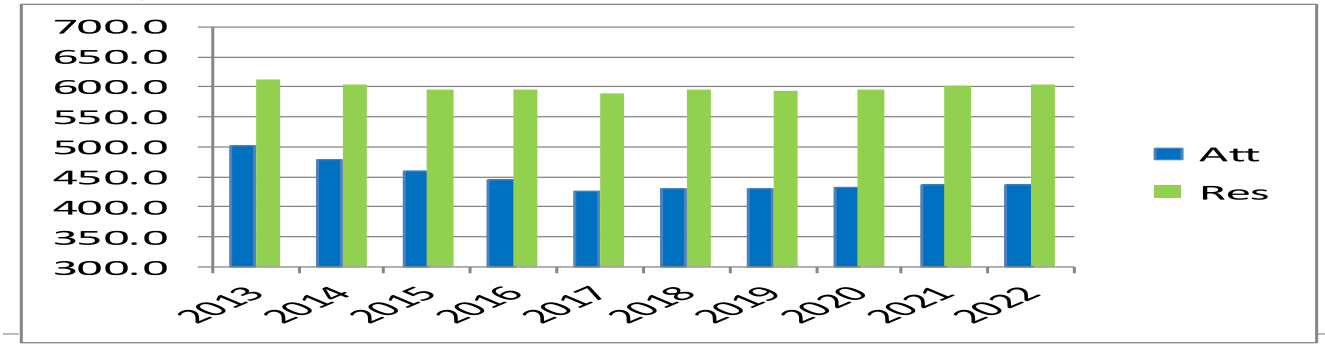
		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
SOUTH TAMARIND ES	TK	0.0									
SINGLE-TRACK	K	126.5	119.3	127.2	125.4	126.6	127.7	128.4	128.8	128.8	129.1
CAPACITY: 930	1	140.3	132.1	124.7	133.6	132.1	133.2	133.7	134.4	134.6	134.6
	2	129.0	134.5	126.7	120.3	129.2	127.6	128.0	128.5	128.9	129.1
	3	122.0	124.4	129.6	122.8	117.0	125.5	123.2	123.6	123.8	124.3
	4	123.0	118.6	120.9	126.7	120.4	114.6	122.2	120.1	120.2	120.4
	5	102.2	119.5	115.2	118.2	124.3	118.0	111.6	119.1	116.7	116.8
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projection	K-5	742.9	748.4	744.3	747.0	749.7	746.5	747.2	754.5	753.0	754.2
Resident Projection		844	850	851	857	865	864	865	873	871	873
Res Under / Over		11.9%	12.0%	12.6%	12.9%	13.3%	13.6%	13.6%	13.6%	13.6%	13.6%



		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
TOKAY ES	TK	0.0									
SINGLE-TRACK	K	86.2	81.4	86.8	85.1	85.7	86.5	87.4	87.7	87.9	88.0
CAPACITY: 894	1	96.4	87.9	83.0	88.5	86.8	87.4	88.2	89.1	89.4	89.6
	2	112.1	91.6	83.6	78.9	84.1	82.5	82.9	83.9	84.7	85.0
	3	93.1	107.2	87.6	79.9	75.4	80.5	78.8	79.3	80.2	81.0
	4	98.5	89.9	103.5	84.5	77.2	72.9	77.7	76.1	76.6	77.4
	5	104.2	95.2	86.9	100.0	81.7	74.5	70.4	75.0	73.5	74.0
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attendance Projection	K-5	590.5	553.2	531.3	516.9	490.9	484.2	485.5	491.2	492.3	495.1
Resident Projection		651	591	566	538	511	508	510	516	517	520
Res Under / Over		9.3%	6.4%	6.1%	3.9%	3.9%	4.7%	4.8%	4.7%	4.7%	4.7%



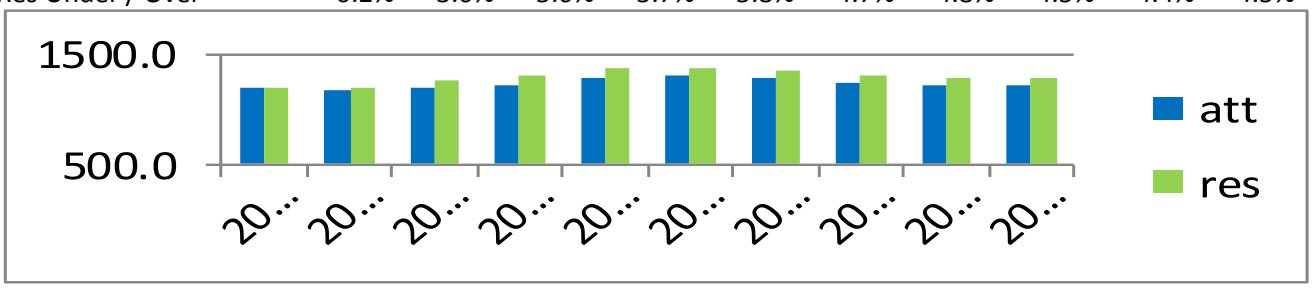
		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
WEST RANDALL ES (K-6)	TK	0.0									
SINGLE-TRACK	K	64.2	60.5	64.6	63.3	63.7	64.4	65.1	65.2	65.4	65.5
CAPACITY: 930	1	69.4	67.1	63.4	67.6	66.2	66.6	67.3	68.0	68.2	68.4
	2	59.3	66.6	64.5	60.8	64.8	63.6	64.0	64.6	65.3	65.5
	3	82.9	57.2	64.2	62.1	58.7	62.6	61.4	61.7	62.4	63.0
	4	73.9	80.7	55.7	62.5	60.5	57.1	60.9	59.6	60.1	60.7
	5	78.5	71.8	78.5	54.1	60.8	58.9	55.6	59.2	58.1	58.4
	6	74.0	75.0	68.6	75.0	51.8	58.2	56.3	53.1	56.7	55.5
Attendance Projection	K-6	502.0	478.9	459.4	445.6	426.5	431.3	430.4	431.5	436.1	437.0
Resident Projection		613	605	595	595	590	597	594	596	602	604
Res Under / Over		18.1%	20.8%	22.8%	25.1%	27.7%	27.7%	27.6%	27.6%	27.6%	27.6%



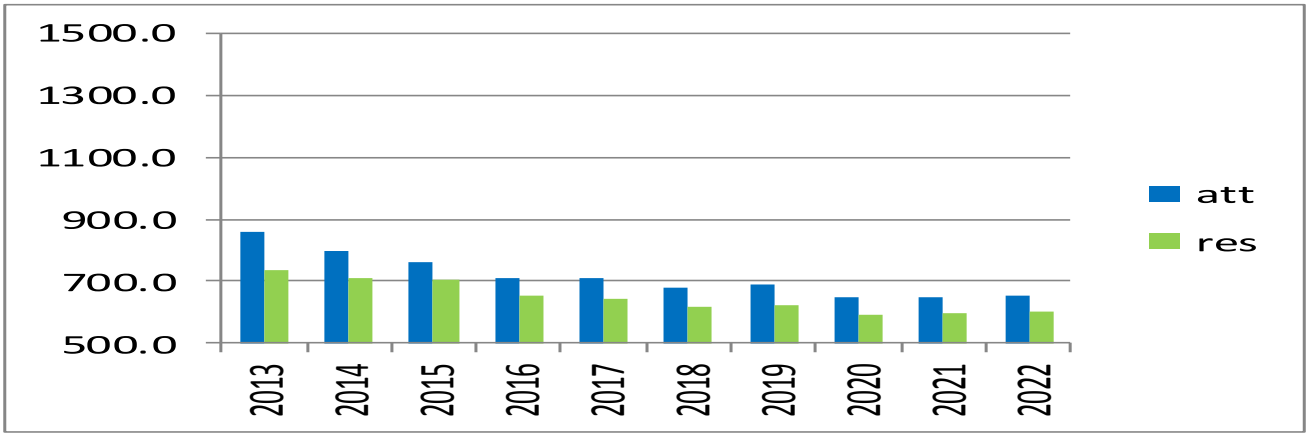
DEMOGRAPHICS

	YR1 2013	YR2 2014	YR3 2015	YR4 2016	YR5 2017	YR6 2018	YR7 2019	YR8 2020	YR9 2021	YR10 2022
Projected Transitional K:	372.0	561.1	593.3	553.5	571.5	577.5	583.5	585.3	586.5	587.7
Projected ES Totals:	18864.7	18884.1	18797.0	18626.9	18470.2	18428.6	18494.6	18693.7	18802.1	18896.1
Att totals (no TK, SDC)	18492.7	18322.9	18203.7	18073.4	17898.8	17851.1	17911.1	18108.4	18215.6	18308.5
Res totals (incl. OD)	18162.4	18016.7	17926.6	17760.2	17554.8	17488.9	17538.1	17726.1	17825.8	17910.3
Res Diff	-330.3	-306.2	-277.1	-313.2	-344.0	-362.2	-373.0	-382.3	-389.8	-398.2
OD	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0
Res + OD Diff from Att	60.7	84.8	113.9	77.8	47.0	28.8	18.0	8.7	1.2	-7.2
ELEMENTARY PROJECTIONS BY GRADE										
Transitional Kinder	372.0	561.1	593.3	553.5	571.5	577.5	583.5	585.3	586.5	587.7
Kinder	2824.9	2664.7	2842.1	2791.8	2812.7	2845.0	2875.5	2883.6	2889.8	2895.4
1st	3115.9	2995.9	2828.1	3020.8	2970.7	2995.6	3031.0	3062.9	3071.6	3077.8
2nd	3118.4	3017.1	2902.4	2745.7	2935.2	2889.3	2914.7	2948.4	2979.4	2988.1
3rd	2962.9	3044.9	2948.6	2842.7	2693.0	2880.2	2837.2	2861.0	2894.1	2924.0
4th	2934.4	2935.1	3015.7	2926.6	2825.1	2680.0	2865.9	2822.7	2847.0	2879.0
5th	2770.7	2903.9	2909.5	2992.8	2908.7	2811.2	2669.4	2852.0	2810.0	2833.2
6th	765.6	761.4	757.3	753.1	753.4	749.8	717.4	677.8	723.7	711.0
K-5 (incl. TK)	18099.1	18122.7	18039.7	17873.8	17716.9	17678.9	17777.1	18015.9	18078.3	18185.2
K-6 (incl. TK)	18864.7	18884.1	18797.0	18626.9	18470.2	18428.6	18494.6	18693.7	18802.1	18896.1

		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
ALDER MS	6	302.4	310.5	335.5	338.6	351.3	342.6	329.9	311.4	332.4	326.4
QEIA CAPACITY:											
1366	7	425.0	433.4	431.2	457.7	483.0	486.7	475.5	457.5	431.7	460.4
	8	469.3	428.5	436.9	434.6	461.5	486.8	490.6	479.7	461.7	435.8
Attendance Pro-											
jection	6-8	1196.7	1172.5	1203.6	1230.9	1295.7	1316.1	1296.0	1248.6	1225.8	1222.6
Sixth-Grade Bndry											
Res	6th	305.7	327.5	355.1	346.5	371.0	357.9	342.8	324.0	346.0	339.8
Resident students	7-8	888.3	879.6	908.6	955.2	1000.0	1020.4	1016.0	981.3	934.3	937.8
Resident Projec-											
tion		1194.0	1207.1	1263.7	1301.7	1371.0	1378.3	1358.8	1305.3	1280.3	1277.6
Res Under / Over		-0.2%	3.0%	5.0%	5.7%	5.8%	4.7%	4.8%	4.5%	4.4%	4.5%

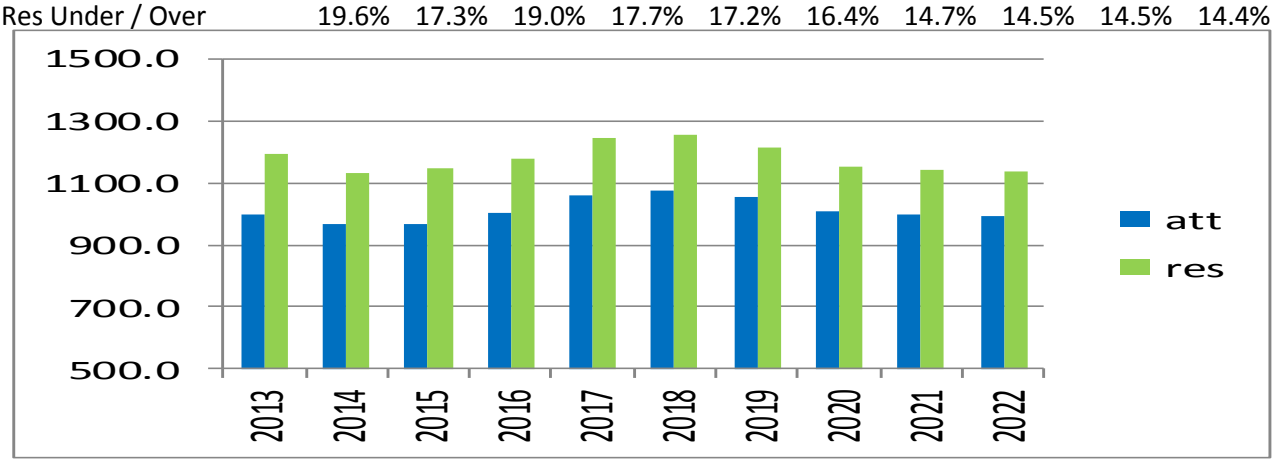


		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
ALMERIA MS	6	257.0	241.0	248.4	206.0	241.6	218.3	210.7	201.2	216.0	214.4
CAPACITY: 1125	7	291.9	261.1	246.7	253.8	210.7	247.2	223.6	215.8	208.8	223.8
	8	311.2	296.4	267.2	252.1	259.0	215.8	252.8	228.8	223.7	216.6
Attendance Projec-											
tion	6-8	860.1	798.5	762.3	711.9	711.3	681.3	687.1	645.9	648.5	654.8
Resident Projec-											
tion		737.0	710.0	703.4	655.9	645.4	619.5	624.0	591.2	596.1	603.0
Res Under / Over		-14.3%	-11.1%	-7.7%	-7.9%	-9.3%	-9.1%	-9.2%	-8.5%	-8.1%	-7.9%

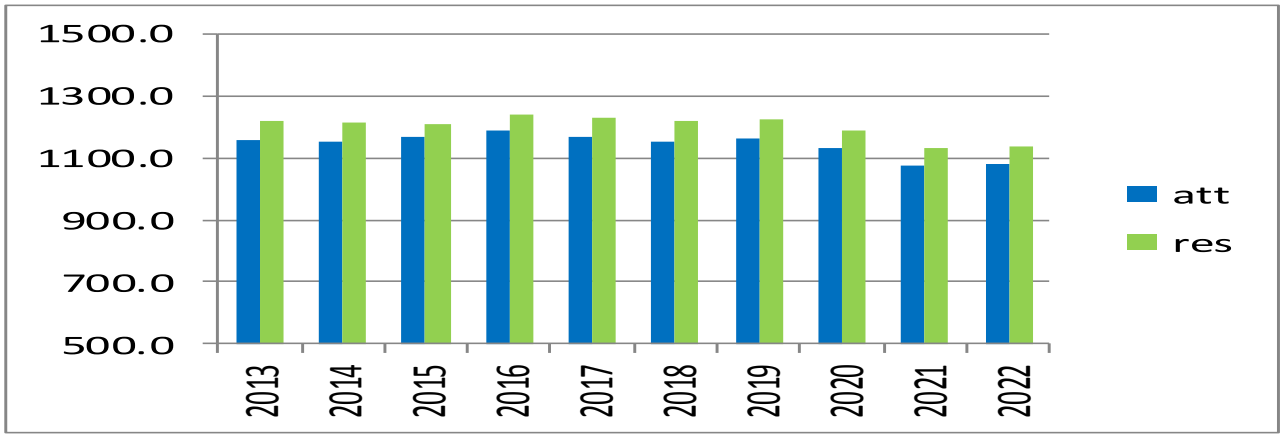


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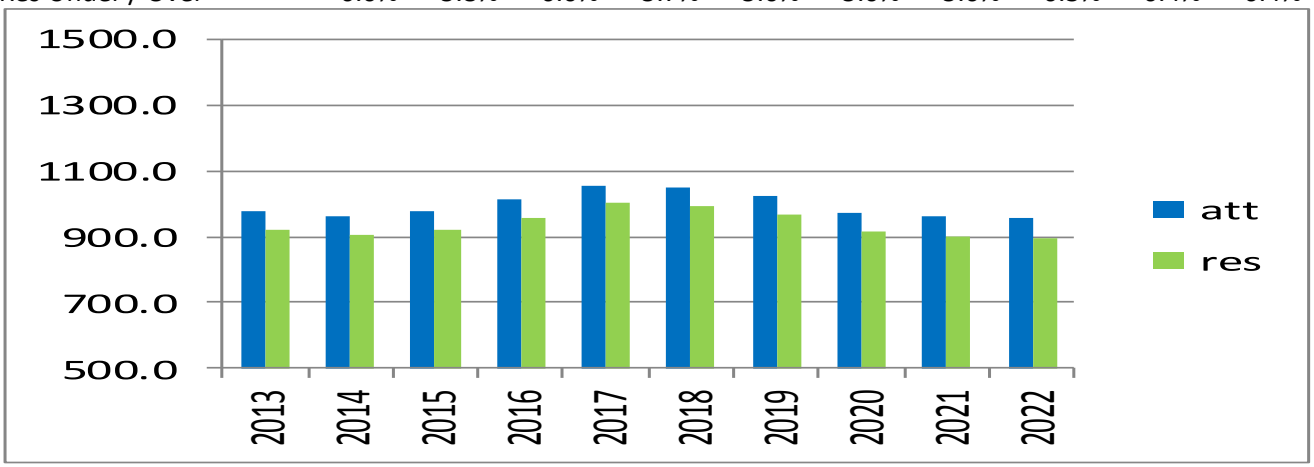
		YR1 2013	YR2 2014	YR3 2015	YR4 2016	YR5 2017	YR6 2018	YR7 2019	YR8 2020	YR9 2021	YR10 2022
FONTANA MS	6	334.3	312.1	337.9	365.1	370.9	353.9	345.2	321.9	347.4	343.8
QEIA CAPACITY:											
1241	7	332.7	327.7	306.6	333.5	360.7	366.7	349.6	341.1	316.3	340.4
	8	332.2	326.1	321.9	302.8	329.8	356.7	362.2	345.3	335.2	310.0
Attendance Pro-											
jection	6-8	999.3	965.9	966.4	1001.3	1061.4	1077.3	1057.0	1008.3	998.9	994.3
Resident Projec-											
tion		1194.7	1132.9	1149.6	1179.0	1243.9	1253.5	1211.9	1154.5	1143.7	1137.1
Res Under / Over		19.6%	17.3%	19.0%	17.7%	17.2%	16.4%	14.7%	14.5%	14.5%	14.4%



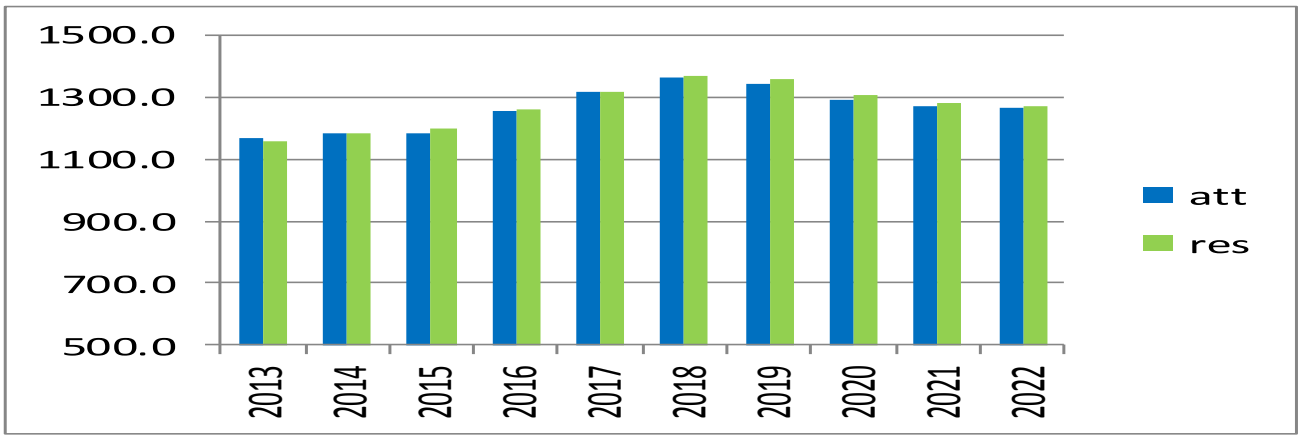
		YR1 2013	YR2 2014	YR3 2015	YR4 2016	YR5 2017	YR6 2018	YR7 2019	YR8 2020	YR9 2021	YR10 2022
SEQUOIA MS	7	567.4	573.8	583.5	590.5	562.2	578.6	570.1	546.3	516.8	552.2
CAPACITY: 1432	8	592.0	580.4	587.0	596.9	604.5	576.4	592.9	584.2	560.4	530.1
Attendance Pro-											
jection	7-8	1159.4	1154.2	1170.5	1187.4	1166.7	1155.0	1163.0	1130.5	1077.2	1082.3
Resident Projec-											
tion		1219.4	1212.3	1206.9	1238.5	1228.3	1218.6	1226.1	1188.5	1133.6	1139.4
Res Under / Over		5.2%	5.0%	3.1%	4.3%	5.3%	5.5%	5.4%	5.1%	5.2%	5.3%



		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
SOUTHRIDGE MS	6	314.5	314.3	344.7	349.2	356.0	337.9	325.1	306.8	327.1	320.7
CAPACITY: 1270	7	329.8	316.1	315.9	346.4	351.0	357.7	339.6	326.7	308.3	328.7
	8	333.8	331.4	317.7	317.5	348.2	352.8	359.5	341.3	328.3	309.8
Attendance Pro-jection	6-8	978.1	961.8	978.2	1013.1	1055.1	1048.4	1024.2	974.8	963.7	959.3
Resident Projec-tion		919.3	906.2	919.7	955.7	1002.5	995.5	966.5	913.5	901.8	897.6
Res Under / Over		-6.0%	-5.8%	-6.0%	-5.7%	-5.0%	-5.0%	-5.6%	-6.3%	-6.4%	-6.4%

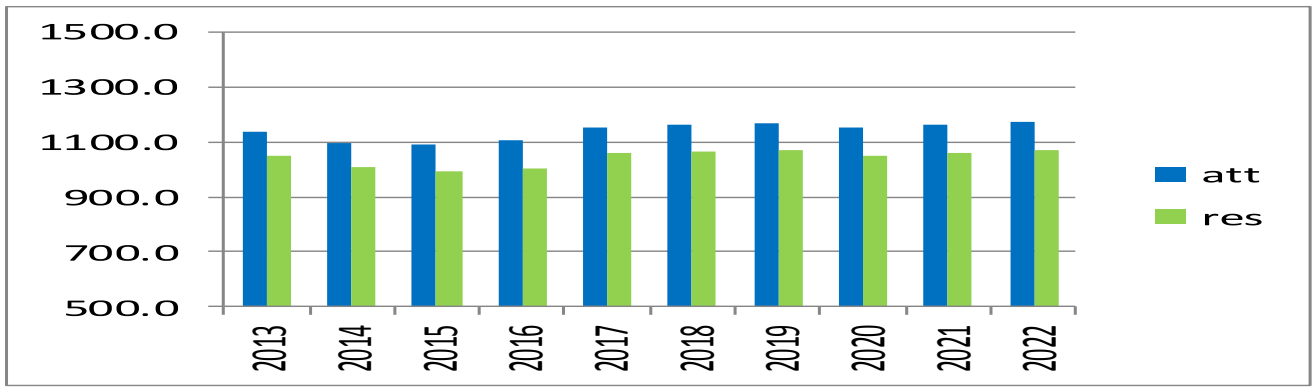


		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
TRUMAN MS	6	380.4	391.9	396.8	447.8	451.2	441.2	426.4	400.3	427.1	418.9
CAPACITY: 1273	7	401.6	385.8	397.4	403.7	455.4	458.8	448.7	433.7	405.9	433.0
	8	385.2	407.2	391.2	404.2	410.7	463.0	466.6	456.3	439.7	411.6
Attendance Pro-jection	6-8	1167.3	1184.9	1185.5	1255.7	1317.3	1363.0	1341.7	1290.3	1272.7	1263.5
Resident Projec-tion		1155.4	1184.8	1199.4	1261.5	1317.9	1368.8	1356.2	1304.5	1283.4	1272.9
Res Under / Over		-1.0%	0.0%	1.2%	0.5%	0.0%	0.4%	1.1%	1.1%	0.8%	0.7%



DEMOGRAPHICS

		YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
		2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
WAYNE RUBLE MS	6	350.5	329.5	361.9	363.6	372.3	369.7	366.4	355.2	379.4	379.7
CAPACITY: 1493	7	389.5	377.1	352.9	386.8	392.9	397.2	399.8	394.6	382.8	408.6
	8	398.7	388.8	375.0	353.9	389.0	395.4	401.1	402.7	398.3	387.3
Attendance Projection	6-8	1138.7	1095.5	1089.8	1104.3	1154.2	1162.3	1167.4	1152.6	1160.5	1175.6
Sixth-Grade Bndry Res	6th	328.8	297.7	331.8	329.7	343.6	334.1	333.0	322.2	343.4	344.0
Resident students	7-8	721.5	708.7	663.7	673.1	715.0	729.3	737.0	729.8	715.9	727.9
Resident Projection		1050.3	1006.4	995.5	1002.8	1058.6	1063.4	1070.0	1052.0	1059.3	1071.9
Res Under / Over		-7.8%	-8.1%	-8.7%	-9.2%	-8.3%	-8.5%	-8.3%	-8.7%	-8.7%	-8.8%



	YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
	2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
Att Totals	7499.6	7333.2	7356.4	7504.6	7761.7	7803.5	7736.1	7451.0	7347.4	7352.3
Res Totals	7470.1	7359.7	7438.2	7595.1	7867.6	7897.6	7813.5	7509.5	7398.2	7399.5
Res Diff	-29.5	26.5	81.8	90.5	105.9	94.1	77.4	58.5	50.8	47.2
Res % Diff	-0.4%	0.4%	1.1%	1.2%	1.3%	1.2%	1.0%	0.8%	0.7%	0.6%

MIDDLE SCHOOL PROJECTIONS BY GRADE										
6th	1939.3	1899.3	2025.2	2070.3	2143.3	2063.5	2003.7	1896.9	2029.4	2003.9
7th	2737.9	2675.0	2634.2	2772.4	2815.8	2893.1	2806.7	2715.7	2570.8	2747.2
8th	2822.4	2758.9	2697.0	2662.0	2802.6	2846.9	2925.7	2838.4	2747.2	2601.2

	YR1 2013	YR2 2014	YR3 2015	YR4 2016	YR5 2017	YR6 2018	YR7 2019	YR8 2020	YR9 2021	YR10 2022
FON-TANA										
GR9	659.5	666.5	661.1	657.0	677.6	712.9	716.2	690.1	663.0	625.3
GR10	765.2	660.4	665.7	665.5	659.7	682.7	714.9	718.2	690.9	662.3
GR11	531.9	647.1	559.4	566.3	566.7	561.8	580.3	608.0	608.6	584.0
GR12	466.9	435.8	531.2	461.3	467.0	467.7	462.4	478.2	499.0	498.5
GR 9-12	2423.6	2409.8	2417.4	2350.2	2371.0	2425.1	2473.8	2494.6	2461.4	2370.2
JURUPA HILLS										
GR9	487.4	473.0	484.2	520.5	521.8	554.3	545.1	559.5	537.3	504.5
GR10	430.4	484.2	469.6	482.5	520.1	518.8	553.0	544.9	557.9	535.7
GR11	535.0	413.1	465.5	451.8	464.8	500.8	499.3	532.3	523.4	535.3
GR12	522.3	485.9	376.0	423.3	411.9	423.4	457.0	455.6	484.4	475.7
GR 9-12	1975.1	1856.2	1795.3	1878.2	1918.5	1997.2	2054.4	2092.2	2103.0	2051.2
KAISER										
GR9	594.2	553.4	552.1	549.0	582.6	582.9	603.5	564.1	541.3	511.3
GR10	643.7	600.5	559.2	557.8	555.3	589.4	589.0	609.8	570.1	547.0
GR11	554.8	607.3	566.6	527.4	527.0	524.5	555.8	555.6	575.2	537.7
GR12	501.3	505.2	552.9	515.7	481.7	480.8	478.3	506.9	506.4	524.3
GR 9-12	2294.0	2266.4	2230.7	2149.9	2146.5	2177.6	2226.6	2236.4	2193.0	2120.4
MILLER										
GR9	611.6	628.7	621.2	584.3	558.3	597.0	618.3	627.5	607.0	587.7
GR10	638.9	604.6	619.8	614.2	577.6	553.1	590.8	609.9	618.9	598.6
GR11	542.3	541.9	511.0	525.7	521.5	490.0	471.0	499.7	515.6	523.2
GR12	501.1	492.1	489.4	462.8	475.8	472.4	447.3	427.2	456.1	470.4
GR 9-12	2293.9	2267.3	2241.5	2186.9	2133.3	2112.5	2127.5	2164.3	2197.6	2180.0
SUMMIT										
GR9	599.4	592.7	587.0	611.9	577.1	629.6	520.1	618.4	586.9	583.2
GR10	648.4	597.1	595.5	589.1	614.8	582.2	635.7	530.8	632.8	602.5
GR11	558.4	601.7	556.5	556.3	550.1	576.2	546.4	597.6	508.0	601.0
GR12	460.1	545.7	588.0	547.0	547.4	546.2	568.9	544.6	597.4	512.4
GR 9-12	2266.4	2337.2	2327.0	2304.3	2289.4	2334.2	2271.0	2291.3	2325.1	2299.1

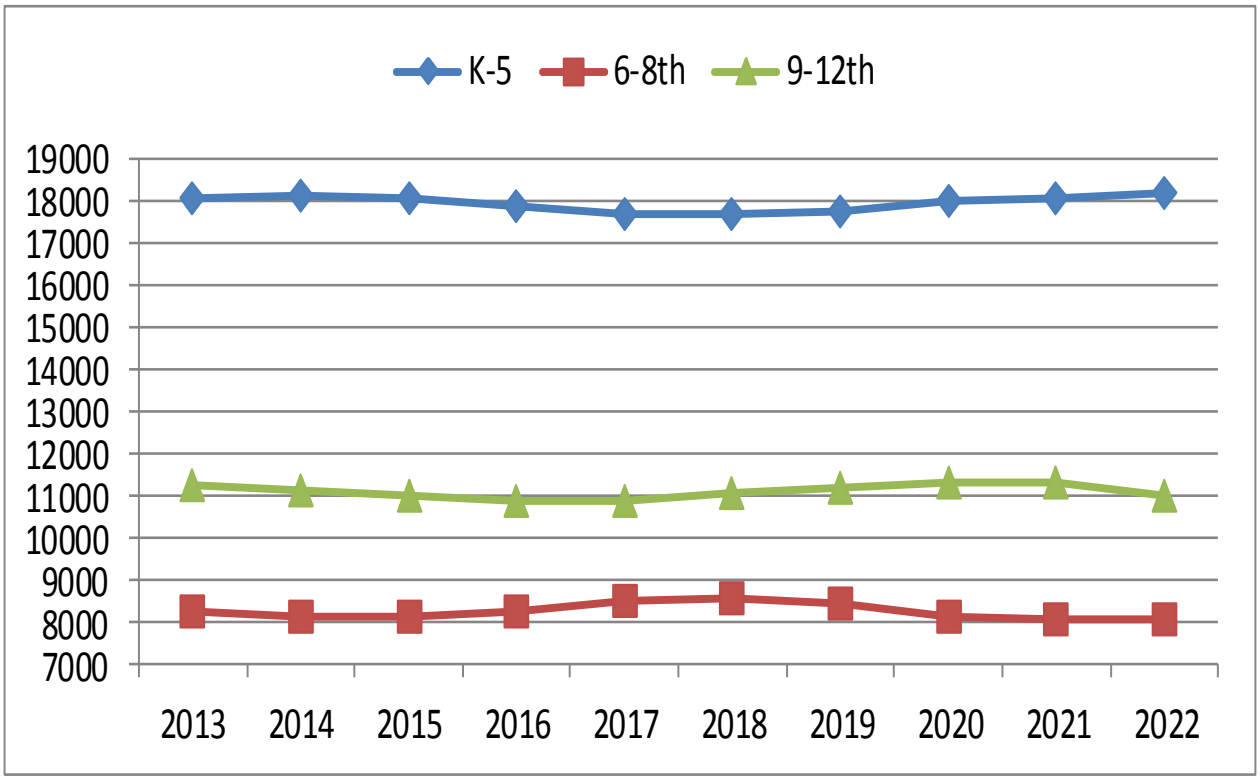
DEMOGRAPHICS

TOTALS: ALL HIGH SCHOOLS

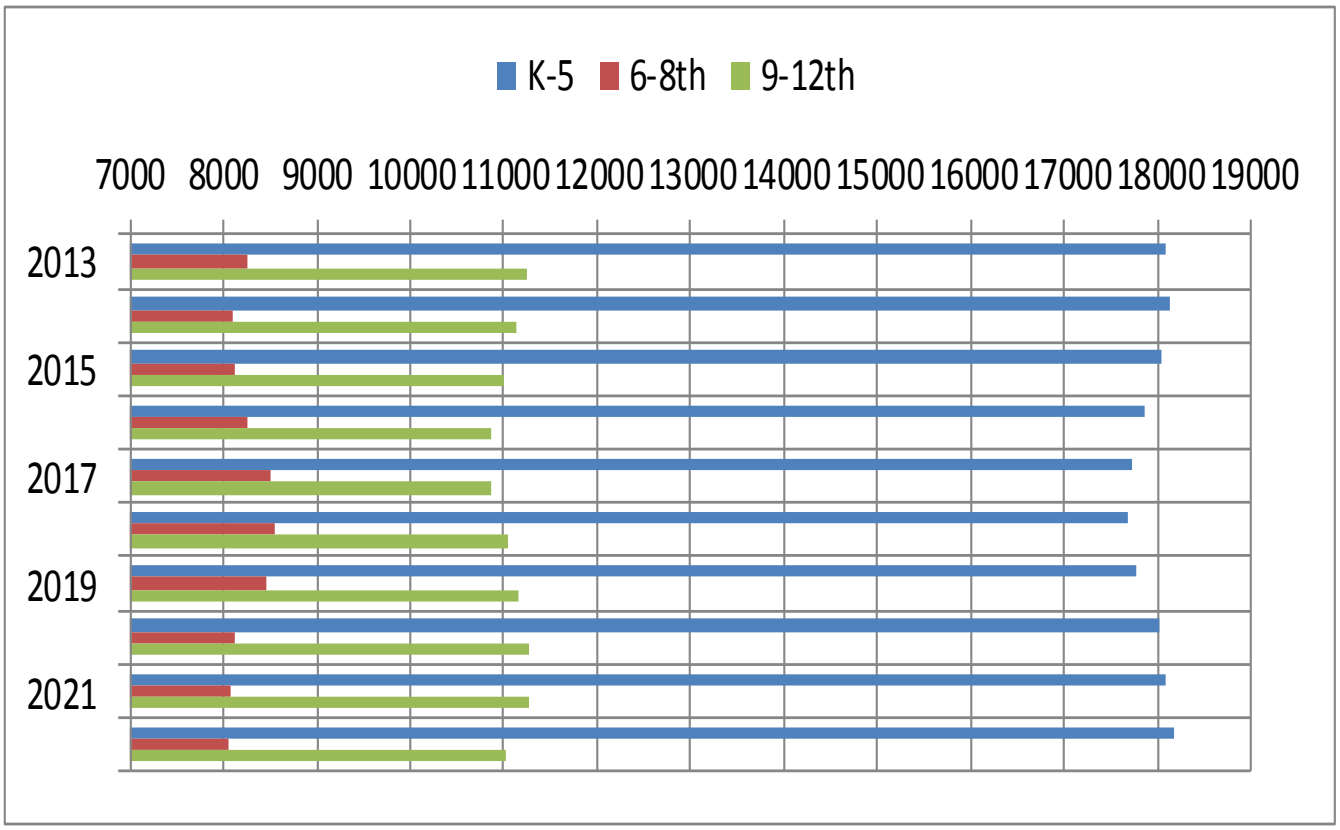
GR9	2952.1	2914.3	2905.6	2922.7	2917.3	3076.8	3003.2	3059.7	2935.4	2812.1
GR10	3126.6	2946.8	2909.8	2909.1	2927.5	2926.1	3083.4	3013.5	3070.6	2946.0
GR11	2722.5	2811.1	2659.0	2627.5	2630.1	2653.3	2652.9	2793.2	2730.7	2781.3
GR12	2451.7	2464.7	2537.4	2410.2	2383.8	2390.4	2413.9	2412.5	2543.3	2481.3
GR 9-12	11253.0	11137.0	11011.8	10869.5	10858.7	11046.7	11153.4	11278.8	11280.0	11020.7

	YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10
	2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
TK	372	561	593	553	571	577	583	585	586	588
K	2825	2665	2842	2792	2813	2845	2876	2884	2890	2895
1ST	3116	2996	2828	3021	2971	2996	3031	3063	3072	3078
2ND	3118	3017	2902	2746	2935	2889	2915	2948	2979	2988
3RD	2963	3045	2949	2843	2693	2880	2837	2861	2894	2924
4TH	2934	2935	3016	2927	2825	2680	2866	2823	2847	2879
5TH	2771	2904	2910	2993	2909	2811	2669	2852	2810	2833
6TH	2705	2661	2783	2823	2897	2813	2721	2575	2753	2715
7TH	2738	2675	2634	2772	2816	2893	2807	2716	2571	2747
8TH	2822	2759	2697	2662	2803	2847	2926	2838	2747	2601
9TH	2952	2914	2906	2923	2917	3077	3003	3060	2935	2812
10TH	3127	2947	2910	2909	2928	2926	3083	3013	3071	2946
11TH	2722	2811	2659	2627	2630	2653	2653	2793	2731	2781
12TH	2452	2465	2537	2410	2384	2390	2414	2412	2543	2481
K-5	18099	18123	18040	17874	17717	17679	17777	18016	18078	18185
6-8	8265	8095	8114	8258	8515	8553	8454	8129	8071	8063
9-12	11253	11137	11012	10869	10859	11047	11153	11279	11280	11021
K-12	37617	37354	37165	37001	37091	37279	37384	37423	37430	37269

TEN YEAR ENROLLMENT PROJECTION BY GRADE RANGE



DEMOGRAPHICS



APPENDIX B
CHILD NUTRITION SERVICES

CHILD NUTRITION SERVICES

In 2013 the Fontana Unified School District engaged the firm Dieli Murawka Howe, Inc., to conduct an analysis of the District's food service capabilities at each site and to review the District's need for a central kitchen. The results of that analysis are detailed in the document ***Fontana Unified School District Central Kitchen Survey***. Although the District is not moving forward with the development of the central kitchen, the costs for the improvements to each site that are included in the study are summarized for inclusion in the Facilities Master Plan. As indicated in the Dieli Murawka Howe study, included in the costs are the following elements:

- Site Work
- Existing Building Renovation
- New Building Work
- Food Service Equipment and Fixtures
- Related Mechanical, Electrical and Plumbing Work
- Emergency Generator
- Updated Satellite Facilities (existing schools)
- Utility Connection Fees
- Land Costs
- Soft Costs:
  - Architectural and Engineering Fees
  - Testing Fees
  - Moving Costs
  - Off-site Development Costs
  - Plan Check Fees
  - Furnishings
  - Communication Systems

The District currently has three production kitchens. These kitchens are located on the A.B. Miller High School, Kaiser High School and Summit High School campuses. The production kitchens prepare meals to be distributed to the elementary, middle and remaining high school campuses where they are warmed and served. Until the District implements the plan to develop the central kitchen, these production kitchens will remain in operation. The 2013 study did not include the cost of escalation to the midpoint in the Master Plan. Those costs have been added.

FOOD SERVICE NEEDS

Elementary	Equipment	Construction
Almond	$30,000	$20,000
Beech	$36,000	$25,000
Binks	$15,000	$10,000
Canyon Crest	$36,000	$25,000
Chaparral	$36,000	$25,000
Citrus	$36,000	$25,000
Cypress	$35,000	$50,000
Date	$35,000	$50,000
Grant	$25,000	$35,000
Hemlock	$15,000	$15,000
Juniper	$15,000	$15,000
Live Oak	$15,000	$15,000
Locust	$75,000	$50,000
Mango	$75,000	$50,000
Maple	$75,000	$50,000
North Tamarind	$75,000	$50,000
Oak Park	$75,000	$50,000
Oleander	$75,000	$50,000
Palmetto	$35,000	$50,000
Poplar	$15,000	$5,000
Porter	$15,000	$5,000
Primrose	$25,000	$15,000
Randall Pepper	$25,000	$15,000
Redwood	$15,000	$10,000
Shadow Hills	$20,000	$10,000
Sierra Lakes	$20,000	$10,000
South Tamarind	$20,000	$10,000
Tokay	$50,000	$40,000
West Randall	$65,000	$40,000
Sub-Total	$1,084,000	$820,000

Middle Schools		
Alder	$250,000	$400,000
Almeria	$250,000	$400,000
Fontana	$550,000	$1,200,000
Ruble	$100,000	$10,000
Sequoia	$100,000	$10,000
Southridge	$150,000	$400,000
Truman	$150,000	$100,000
Sub-Total	$1,550,000	$2,520,000
High Schools		
Fontana	$350,000	$1,200,000
Jurupa	$200,000	$200,000
Kaiser	$1,000,000	$2,250,000
Miller	$1,000,000	$2,250,000
Summit	$1,000,000	$2,250,000
Sub-Total	$3,550,000	$8,150,000
Subtotal	$6,184,000	$11,490,000
Escalation	$927,600	$1,723,500
Total	$7,111,600	$13,213,500

TOTAL ESTIMATED CHILD NUTRITION SERVICES NEEDS:

$20,235,100

CHILD NUTRITION SERVICES

APPENDIX C
TECHNOLOGY

TECHNOLOGY COSTS

The following are technology costs supplied by the District and summarized here:

SCHOOL SITE	DATA NETWORK			
	WAN CONNECTION (School to district)			
Elementary Schools				
Sub-Total				
Middle Schools				
Sub-Total				
High Schools				
Sub-Total				
Continuation Schools				
Sub-Total				
Other District Facilities				
Sub-Total				
GRAND TOTAL				

SCHOOL SITE	POWER SUPPLY	
	Electrical Service Upgrade	Uninterruptable Power Supply (UPS)
Elementary Schools		
Sub-Total		$870,000
Middle Schools		
Sub-Total		$315,000
High Schools		
Sub-Total		$450,000
Continuation Schools		
Sub-Total		$90,000
Other District Facilities		
Sub-Total		$330,000
GRAND TOTAL		$2,055,000

SCHOOL SITE	DATA EQUIPMENT				
	MDF	IDF Switches	Routers	Data Storage and Back-up	MDF/ IDF Room Cooling
Elementary Schools					
Sub-Total	$2,320,000	$2,900,000	$290,000		
Middle Schools					
Sub-Total	$910,000	$1,050,000	$70,000		
High Schools					
Sub-Total	$650,000	$1,500,000	$50,000		
Continuation Schools					
Sub-Total	$260,000	$300,000	$20,000		
Other District Facilities					
Sub-Total	$480,000	$400,000	$25,000	$400,000	
GRAND TOTAL	$4,620,000	$6,150,000	$455,000	$400,000	

SCHOOL SITE	CABLES and WIRINGS		CLASSROOM DATA ACCESS		
	Fiber to Buildings	Copper to Data Drops	Wireless Access Points & Controllers	Data Drops	Power Outlets
Elementary Schools					
Sub-Total	$870,000	$4,350,000	$2,610,000		
Middle Schools					
Sub-Total	$315,000	$1,575,000	$840,000		
High Schools					
Sub-Total	$450,000	$3,125,000	$1,050,000		
Continuation Schools					
Sub-Total	$60,000	$300,000	$180,000		
Other District Facilities					
Sub-Total	$75,000	$375,000	$210,000		
GRAND TOTAL	$1,770,000	$9,725,000	$4,890,000		

SCHOOL SITE	CLASSROOM TECHNOLOGY EQUIPMENT			
	Interactive Display Boards	Document Cameras	Student Responders	Audio Systems
Elementary Schools				
Sub-Total	$2,175,000	$261,000	$2,520,000	$1,305,000
Middle Schools				
Sub-Total	$787,500	$94,500	$708,750	$472,500
High Schools				
Sub-Total	$1,562,500	$187,500	$1,406,250	$937,500
Continuation Schools				
Sub-Total	$150,000	$18,000	$135,000	$90,000
Other District Facilities				
Sub-Total	$25,000	$0	$0	$15,000
GRAND TOTAL	$4,700,000	$561,000	$4,770,000	$2,820,000

SCHOOL SITE	COMPUTERS AND LAPTOPS
	(District Standard @ _1:4__ *(ex.1:4, 1:12)* ***Computer to Student Ratio; 1:1_ units per Computer Lab ___ units per Library, etc.)***
Elementary Schools	
Sub-Total	$14,500,000
Middle Schools	
Sub-Total	$5,775,000
High Schools	
Sub-Total	$10,040,000
Continuation Schools	
Sub-Total	$1,000,000
Other District Facilities	
Sub-Total	$960,000
GRAND TOTAL	$32,275,000

SCHOOL SITE	TOTAL COST Technology Upgrades per School Site
Elementary Schools	
Sub-Total	$34,971,000
Middle Schools	
Sub-Total	$12,913,250
High Schools	
Sub-Total	$21,408,750
Continuation Schools	
Sub-Total	$2,603,000
Other District Facilities	
Sub-Total	$3,295,000
GRAND TOTAL	$75,191,000

SCHOOL SITE	OTHER TECHNOLOGY SYSTEMS				
	VOIP Systems	Video Surveillance System	Copier Systems	Print Shop Production Equipment	TOTAL COST Other Systems per School Site
Elementary Schools					
Sub-Total	$362,500	$725,000	$580,000		$1,667,500
Middle Schools					
Sub-Total	$131,250	$525,000	$210,000		$866,250
High Schools					
Sub-Total	$312,500	$750,000	$300,000		$1,362,500
Continuation Schools					
Sub-Total	$25,000	$50,000	$60,000		$135,000
Other District Facilities					
Sub-Total	$225,000	$100,000	$2,600,000	$55,000	$2,925,000
GRAND TOTAL	$1,056,250	$2,150,000	$3,750,000	$55,000	$6,956,250

SCHOOL SITE	TOTAL TECHNOLOGY COSTS
Elementary Schools	
Sub-Total	$36,638,500
Middle Schools	
Sub-Total	$13,779,500
High Schools	
Sub-Total	$22,771,250
Continuation Schools	
Sub-Total	$2,738,000
Other District Facilities	
Sub-Total	$6,220,000
GRAND TOTAL	$82,147,250

TECHNOLOGY

PAJARO VALLEY
UNIFIED SCHOOL DISTRICT

"Helping learners reach their highest potential."



Prepared by

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