



Fiscal Year 2018 - 2019  
**Mid-Year Report**

Facilities Management Department







Cajon HS Smart Solor structure

## On the Cover

San Geronio HS Athletic Complex



**CONTENTS**

Program Cost	4
Program Schedule	5
Program Summary	6
Program Funding	7
Art Projects	8
Athletic Complex Projects	8
Energy Projects	9
Miscellaneous Projects	10
Miscellaneous Projects	11





## PROGRAM SUMMARY

### Program Costs

The total program cost estimate is a working budget for all capital costs for the projects in the Facilities Capital Improvement Program. The Facilities Capital Improvement Program cost estimate is valued at \$1.245 billion. This estimate is based on the number of projects, actual costs realized, established funding and cost escalation added over time. This cost is subject to change as a result of the financial status of the District and due to the availability of state and local funding. The number of projects may adjust if necessary as District needs evolve, projects are

prioritized, and funding becomes available. There are over 283 major capital improvement projects identified in the estimate based on repairs, modernizations and new school needs in the District.

A total of \$1.1 billion in funding has been received as of December 31, 2018, including funds from statewide bonds, local bonds, Qualified School Construction Bond (QSCB), interest, developer fees and development agreements.

San Andreas HS

## Program Schedule

The Facilities Capital Improvement Program includes over 283 projects which have progressed through phases of the school construction process. These phases are 1) Planning, 2) Design, 3) Agency Review/Approval, 4) Bid/Award, 5) Construction and 6) Project Completion/Closeout.

1

**Planning** - The planning phase includes project definition, consultant selections, funding and, if applicable, site selection.

2

**Design** - The Design Phase includes preparation of plans and specifications by architects and engineers.

3

**Agency Review/Approval** - The Agency Review/Approval Phase includes submission of documents to Division of the State Architect (DSA) for review and stamped approval.

4

**Bid/Award** - The Bid/Award Phase includes advertising, bidding, awarding and contract execution for the construction contractors.

5

**Construction** - The Construction Phase includes demolition and abatement of existing structures and/or equipment, on- and off-site development, school buildings construction, interior finishes and landscaping through substantial completion.

6

**Project Completion/Closeout** - The Project Completion/Closeout Phase includes contract closeout documents such as equipment manuals with occupancy, move-in and the filing of notice of completion activities.



# PROGRAM SUMMARY

## Program Accomplishments and Activities

This Mid-Year Report provides an overview of the District's Facilities Capital Improvement Program (FCIP) activities and accomplishments during the July 2018-December 2018 period. Program accomplishments within the past six months are highlighted below.

### Program Accomplishments

July 2018 - December 2018

#### Bid & Award:

- Architectural & Engineering Services at San Bernardino High School - Building M "Maker Space" Project
- Athletic Field Improvements at 5 Sites - Turf Replacement
- Pacific High School - CTE - Demolition and Utility Reroute
- Proposition 39 Energy Efficiency Upgrades EEP3 Electrical-Phase I
- Safety Improvements - Entry Doors
- Vermont ES - Swale Improvements

#### Construction:

- BOE Renovation
- Solar PV Projects at 10 Sites

#### Completed construction at

- Athletic Complex Phase II - San Geronio HS Field Replacement
- Cajon HS - CTE - F3 Flooring
- Furniture for Kimbark ES and Del Vallejo ES
- Hillside ES Parking Lot & Shade Shelter
- Indian Springs High School Performing Arts Center
- Indian Springs HS - Canopy Repair
- Richardson Prep Snack Shack HVAC Replacement
- San Andreas HS - Growing Hope - Classroom G-2
- Security System Upgrades at 22 Sites

#### Procurements:

- Architectural & Engineering for PDC, WHAA Portable & SMART Bldg.
- DSA - IOR for Prop 39 Projects
- Geotechnical for Del Rosa ES MOD & Hunt ES MOD
- Geotechnical for San Andreas HS - Growing Hope - Phase II
- Hazmat Abatement & Material Monitoring - Pacific HS CTE - DEMO
- Lead & Asbestos Survey Report for 6 Sites
- Testing & Inspection for Vermont ES - Swale

#### Projects In Design:

- Arrowview MS Modernization
- Athletic Complex Upgrades Phase II - Artificial Field Installation
- Barton ES Modernization
- Bradley ES Modernization
- Cole ES Modernization
- Del Rosa ES Modernization
- District Police Headquarters
- Furniture for Cypress ES, Hunt ES & Warm Springs ES
- Hunt ES Modernization
- Indian Springs HS - Black Box Classroom
- Indian Springs HS - CTE
- King MS Modernization
- Lytle Creek ES Modernization
- North Park ES Modernization
- Oehl ES Modernization
- Pacific HS Modernization
- Pacific HS - Diesel School
- Ramona Alessandro Pre-School
- Rio Visa ES Modernization
- San Bernardino HS Maker Space
- Serrano MS Modernization
- Shandin Hills MS Modernization
- Sierra HS Modernization
- Single Point Entry Projects
- Warm Springs ES Modernization
- Welcoming Resource Center
- Wilson ES Modernization

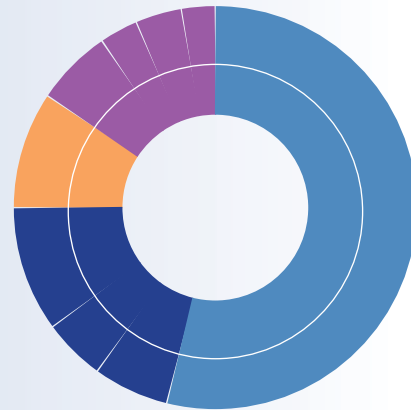
#### Community and Business Outreach

- COC Bus Tour
- Maintained Facilities Local Business Outreach Program (LBOP)
- Launched new Facilities Website at "sbcusdfacilities.com"

## PROGRAM FUNDING

### Total Project Cost Estimate

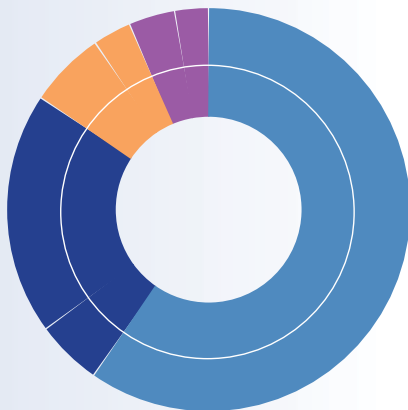
The Facilities Capital Improvement Program cost estimate is valued at \$1.245 billion. The distribution of the total program cost estimate according to project type is illustrated to the right. The project estimates typically include two types of costs soft and hard costs. Soft costs are for indirect costs to support the construction process and include costs for planning and design services, permits and agency fees, inspection services, construction managers, and program management. New construction projects may also require acquisition of land, in which case the costs to purchase land, relocate tenants or owners, environmental clearing and agency approvals are also added to the soft costs. Hard costs are direct costs for construction including labor for the trade contractors, building materials and equipment. The Program Management Team updates the total program cost estimate based on actual bids received for construction, contracts awarded for consultants and a trend of fees and other costs for each project.



New Campus	\$	543.78	43.7%
Modernization	\$	300.05	24.1%
SDC/Additions	\$	117.56	9.4%
Other Projects	\$	283.92	22.8%
	\$	1,245.31	100.0%

### Expenditures by Project Type

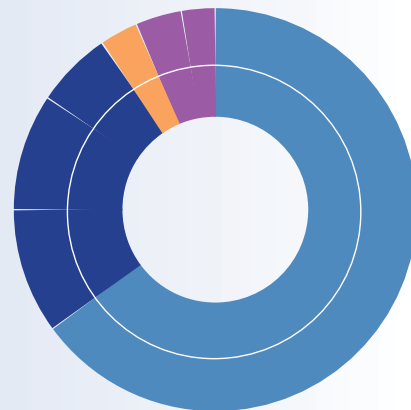
Expenditures as of December 31, 2018 total \$983 million for the over 283 capital projects in the Facilities Capital Improvement Program. Distribution of the expenditures against the project types is illustrated in the chart below.



New Campus	\$	522.82	53.2%
Modernization	\$	214.96	21.9%
SDC/Additions	\$	115.20	11.7%
Other Projects	\$	129.98	13.2%
	\$	982.96	100.0%

### Expenditures by Funding Source

The \$983 million of expenditures as of December 31, 2018 have been funded by state and local bonds, developer fees and other funds. Distribution of the expenditures against these funding sources is illustrated in the chart below.



State Funding	\$	654.79	66.7%
Local Bonds	\$	209.65	21.3%
Developer Fees	\$	50.35	5.1%
Other Funds	\$	68.17	6.9%
	\$	982.96	100.0%



## ARTS PROJECTS

### Indian Springs HS Performing Arts Center

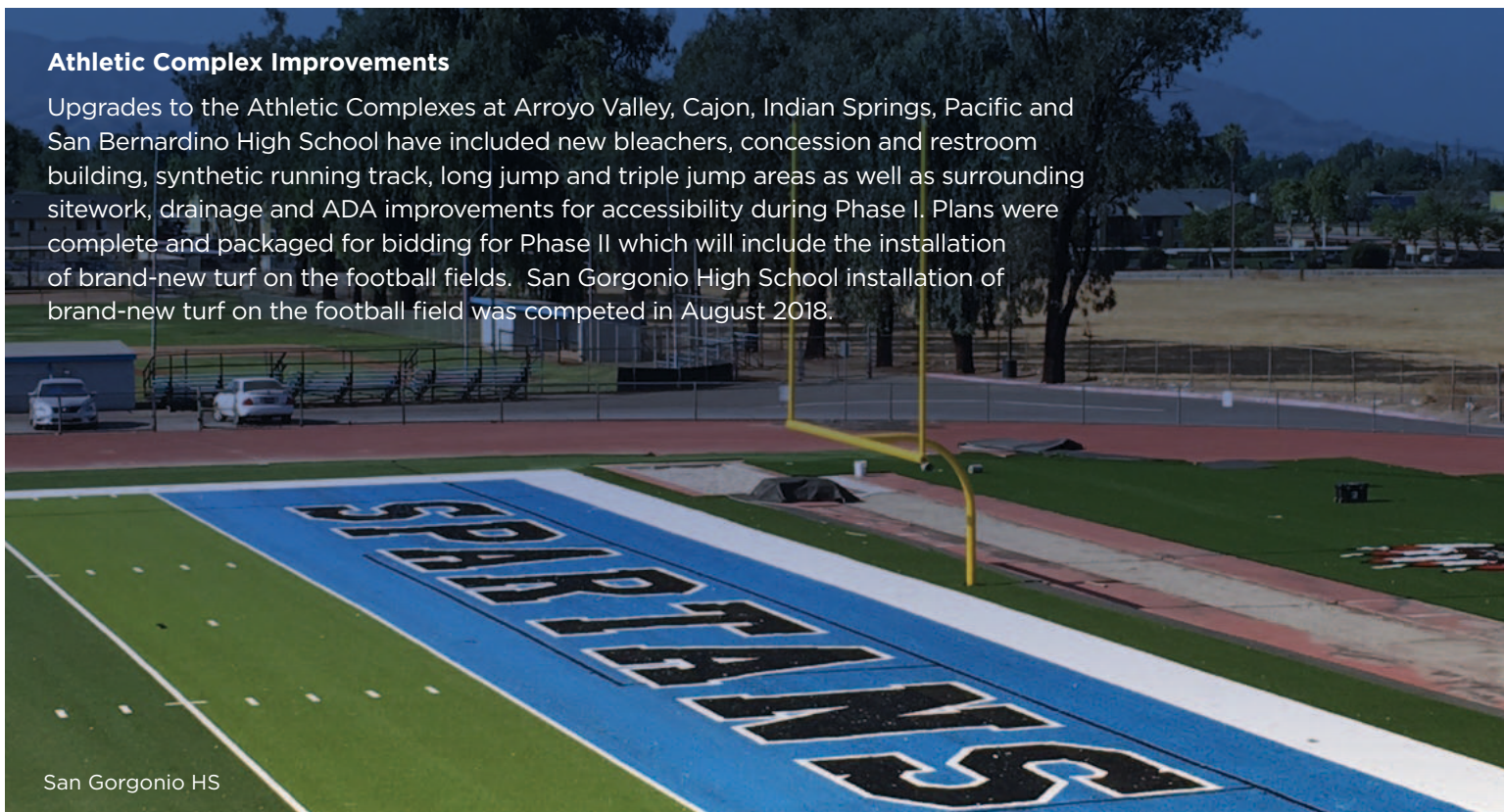
Construction began on the new Performing Arts Center on October 25, 2016 and is now complete. This is a one-of-a-kind and state-of-the-art Performing Arts Center that includes seating for 501 patrons, an orchestra pit, scene shop, and dressing rooms. Theatrical sound and lighting systems have been installed and the entrance to the theatre will showcase a student gallery featuring Indian Springs High School's most talented artists.



## ATHLETIC COMPLEX PROJECTS

### Athletic Complex Improvements

Upgrades to the Athletic Complexes at Arroyo Valley, Cajon, Indian Springs, Pacific and San Bernardino High School have included new bleachers, concession and restroom building, synthetic running track, long jump and triple jump areas as well as surrounding sitework, drainage and ADA improvements for accessibility during Phase I. Plans were complete and packaged for bidding for Phase II which will include the installation of brand-new turf on the football fields. San Geronio High School installation of brand-new turf on the football field was completed in August 2018.





## ENERGY PROJECTS

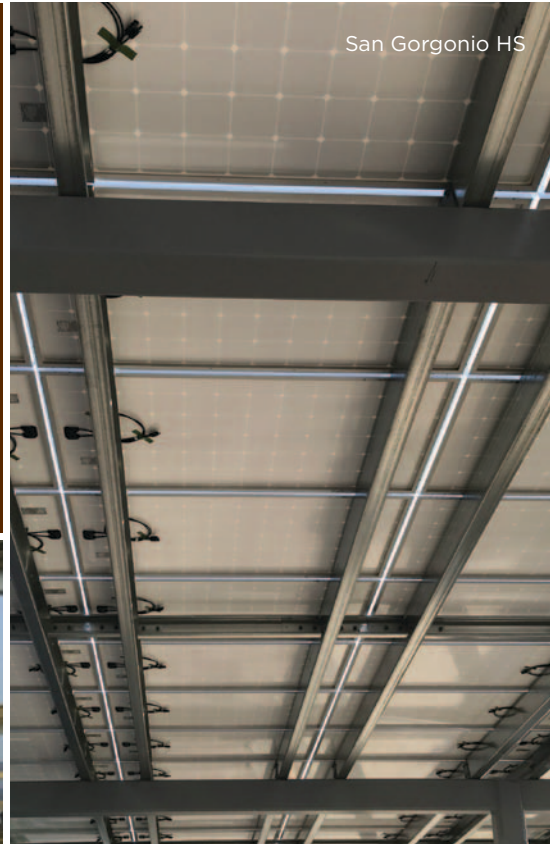
### Proposition 39 EEP 2 & 3

EEP 1 started in October of 2016 for Electrical and HVAC upgrades and was completed. EEP 2 & 3 for the installation of LED lighting and the removal and replacement of rooftop air conditioning units is anticipated to begin in the first quarter of 2019.

### Smart Solar PV Projects

Installation of Photovoltaic (PV) solar panels and carports at 10 school sites including Arroyo Valley High School, Barton Elementary School, Cajon High School, Chavez Middle School, Curtis Middle School, Del Vallejo Middle School, Indian Springs High School, Middle College High School, Pacific High School and San Geronio High School.

San Geronio HS



Indian Springs HS



Arroyo Valley HS



Cajon HS





## MISCELLANEOUS PROJECTS

### Board of Education Renovation

Relocation started in December of 2017 with demolition and remodeling starting in January 2018. This renovation project brings the Board of Education to current building standards and provides much-needed repairs and upgrades. These upgrades will offer a more inviting and educational atmosphere for parents and students visiting the Board of Education.

### Safety Improvements – Entry Doors

The project will include installation of entry security video intercom systems at approximately 40 school campuses. Each campus system includes an electronically actuated door strike, exterior camera and intercom and master control station.



### Cajon High School – CTE – F3 Flooring

The Amazon Logistics Pathway F3 classroom is a first-of-its-kind, teaching students information and decision technology, management systems, and business leadership. The program enables students to practice innovative and critical thinking skills as they develop solutions to authentic logistics problems experienced by Amazon. Partnerships with Cal State University San Bernardino and Chaffey Community College will allow paths of post-secondary, post-diploma, certifications, and workforce internships.

### Security System Upgrades

The installation of the new security systems at 22 sites is now complete. Systems include infrastructures that report directly to the School Police Department.





## MISCELLANEOUS PROJECTS



### Hillside Elementary School Parking Lot and Shade Shelter

When a large tree was removed from the kindergarten playground it was replaced with a shade shelter. In addition, a new sidewalk and handrails were installed in the parking lot to ensure safety as students and visitors enter and leave campus.

### San Andreas High School – Growing Hope – Classroom G-2

This renovation was a state of the art hydroponic growing facility that gives students hands-on working experience with growing food products in a production environment. Phase II is planned for 2nd quarter of 2019 for a state-of-the-art hydroponic growing facility and greenhouse that uses the latest technology to grow plants without soil.



### Vermont Elementary School – Swale Improvements

The construction of the swale including installation of shotcrete on existing berm, installation of two (2) Drywell systems and rehabilitation of an existing drywell for additional storage and infiltration at the southwest corner of the property.



Kimbark ES

### Furniture Replacement

Replacement of furniture in classrooms at Del Vallejo Middle School and Kimbark Elementary School has been completed. Additional furniture replacement is scheduled in classrooms at Cypress, Warm Springs and Hunt Elementary Schools.

# Locations of Major Construction Projects



## The Board of Education

Mrs. Abigail Medina, President  
 Mrs. Gwendolyn Rodgers, Vice President  
 Dr. Barbara Flores  
 Mr. Michael J. Gallo  
 Dr. Margaret Hill  
 Mr. Danny Tillman  
 Dr. Scott Wyatt

## Superintendent

Dr. Dale Marsden

## District Facilities Administrators

Joe Aceto, Administrator of Operations  
 Thomas Pace, Director Facilities

## Facilities Program Management Team

AECOM  
 Keith Kajiya, AECOM/URS Vice President

Published March 2019