

Capital Improvement Program Monthly Status Report

October 2016

Oak Grove High School

Projects

Schedule

Budget

Business Partners

Highlights/Issues

Projects

- **Building A 2nd Floor Student Center and Quads Modernization**

- Conversion of the second floor of building A into a new Student Center with technology enabled places for students to meet, collaborate, study, and learn.
- Modernization of the Quads will improve stormwater runoff and provide an outdoor educational environment that facilitates curriculum for science programs such as biology, botany, geology, geography, art programs such as photography, 2D art, and liberal arts such as English composition. Through hands-on interpretative environmental opportunities, sustainable design principles, presentation galleries and outdoor learning studios, teachers and students will use the courtyard micro-ecosystem as an evolving laboratory for their academic disciplines and as a means of understanding the hydrological, geological, geographical and biological environment of their high school campus.
- Delivery Method: Design-Bid-Build

- **Buildings H1 and H2 Restrooms Modernization**

- The restroom renovations are designed to bring these areas into compliance with access guidelines, and to provide an opportunity to introduce new restroom fixture technology. The project will provide improved facilities that provide greater comfort, easier access for all, and lower operating costs.
- Delivery Method: Design-Bid-Build

- **Security Fencing Upgrade**

- This project will supplement the existing architectural fencing, which is both a site access management tool and an appealing formalization of the campus environment. The new fencing will be similar in design to the existing fence at the front of campus. The new fencing will provide manageable control points.
- Delivery Method: Design-Bid-Build

- **Infrastructure Improvements**

- Upgrade storm drain and inlets to resolve flooding near Boys' Locker Room, Administration Building A, Building H2, Building U, and at the north end of the Softball Complex.
- Replace underground infrastructure below pavements demolished as part of the Quad Modernization
- Delivery Method: Design-Bid-Build

- **Security Camera Upgrades (Districtwide Project)**

- The project will take the existing multiple security camera systems currently used throughout the District and replace them with a single integrated Districtwide, internet protocol (IP) based security camera system. Existing analog cameras on every campus, including the District Office, will be removed and replaced with high definition cameras, along with the infrastructure needed to support them. These high definition cameras are capable of capturing quality daytime and nighttime footage. New cameras will be placed in locations that were previously difficult to monitor. Camera footage will be streamed real-time to a Command Center Console and monitor wall at the District Office. Every ESUHSD site will be affected by this project. Installation is anticipated to occur at multiple sites simultaneously.
- Delivery Method: Design-Bid-Build

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- **Energy Efficiency Project (Districtwide Project)**

- Energy services contract to implement energy conservation measures whose cost will be outweighed by net savings. This project is being funded by Proposition 39 Clean Energy Jobs Act; funds are being dispersed in fiscal years 2013-14 through 2017-18. Utility incentives will be an additional minor funding source for this project. Energy conservation measures include:
 - Exterior lighting retrofits at 8 sites: Andrew P. Hill, Evergreen Valley, Foothill, Independence, Mt. Pleasant, Oak Grove, WC Overfelt, and Yerba Buena
 - Interior lighting retrofits at 3 sites: Andrew P. Hill, Evergreen Valley, and Foothill
 - Solar Photovoltaic facilities at 2 sites: Calero High School and Overfelt Adult Center
- Delivery Method: Energy Service Contract

- **Mechanical, Electrical and Controls Equipment Upgrades**

- This project replaces aged mechanical, electrical and controls equipment that have reached the end of their service lives with modern equipment that meets Title 24 energy efficiency code requirements. Replacements will improve environment comfort levels in the classrooms, enhancing the educational experience for students and working environment for teachers and staff. The project will be implemented in distinct construction packages providing maximum value to the District.
 - Package A is replacement of an existing 40 year old Multi-zone HVAC unit serving rooms 106 and 107 in Building 100 at Santa Teresa. This unit requires urgent replacement and is being handled separately in order to expedite the replacement.
 - Package B is replacement of Energy Management System (EMS) digital controls and cabling, fire smoke dampers campus wide, and HVAC units in Building G small and large gymnasiums at Evergreen Valley. The school's EMS monitors and manages the energy consumption of the building systems to create usage efficiencies. The gymnasiums in Building G are not receiving adequate heat. CW/HW Valves in Building F will be drained, cleaned, and will receive preventative maintenance to address the leaking control valves in the AHU's hydronic piping system.
 - Package C will cover mechanical and electrical equipment replacements at numerous sites, sites with the most aged equipment will have priority replacement status. This package will be completed in three phases, with replacements at each site completed by priority.
 - Phase 1 includes first priority replacements at Andrew P. Hill, Foothill, Independence, James Lick, Oak Grove, Piedmont Hills, Silver Creek, and W.C. Overfelt.
 - Phase 2 includes second priority replacements at Andrew P. Hill, Independence, James Lick, Oak Grove, Piedmont Hills, Santa Teresa, and Yerba Buena.
 - Package D is the replacement of the main electrical switchgear and 13 load centers/substations at Independence. Switchgear and load centers are large scale circuit breaker systems for regulating, metering and controlling the high voltage power supplying the entire Independence campus.
 - Package E is the installation of a supplemental condensing unit in the Main Kitchen at W.C. Overfelt. The installation of this unit is urgent. The supplemental condensing unit will supply cooling to the Main Kitchen thus lessening the burden on the Multi Zone Unit, which concurrently provides conditioning to other unrelated spaces adjoining the Main Kitchen.
- Delivery Method: Design-Bid-Build

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- **Wi-Fi 2 (Districtwide Project)**

- Expansion of wireless internet access at campuses, including athletic fields and areas that have been limited instructional areas in the past due to the lack of internet access. Infrastructure installed in this project will provide a platform for future projects.
- Delivery Method: Design-Bid-Build

- **Backend Computer System Upgrade (Districtwide Project)**

- Delivery of a modernized 'private cloud' solution for the District's servers. Servers will be virtualized to provide a lower cost, more energy efficient, more reliable and flexible solution.
- Delivery Method: Design-Bid-Build

- **Fire Alarm Modernization (Districtwide Project)**

- A comprehensive study and assessment of fire alarm systems at all school sites was done in 2013-2014. The scope of this project includes an existing system to a complete modernization of a fire alarm system. Every ESUHSD site including the Education Center is expected to receive some form of improvements or corrections through this project.
- Delivery Method: Design-Build

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	2015				2016				2017			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Building A 2nd Floor Student Center and Quads Modernization												
Buildings H1 and H2 Restrooms Modernization												
Security Fencing Upgrade												
Infrastructure Improvements												
Security Camera Upgrades (Districtwide Project)*												
Mechanical, Electrical and Controls Equipment Upgrades (Districtwide Project)*												
Energy Efficiency Project (Districtwide Project)*												
Fire Alarm Modernization (Districtwide Project)*												

LEGEND	
	Pre-Construction
	Construction Procurement
	DSA Review
	Construction
	Occupancy/Beneficial Use

Schedule subject to change due to factors beyond our control

*This Districtwide Project schedule only shows construction at this site. For more information about other phases of the project, please see the Districtwide CIP Monthly Report. Districtwide Project schedules are shown if available.

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Project Funding Sources & Uses

Project	Measure E (2008) Fund 23	Measure I (2012) Fund 24	Total
Building A 2nd Floor Student Center and Quads Modernization	\$1.1 M	\$3.9 M	\$5.0 M
Buildings H1 and H2 Restrooms Modernization	\$132 K	\$745 K	\$877 K
Security Fencing Upgrade	\$214 K	\$1.2 M	\$1.4 M
Infrastructure Improvements		\$45 K	\$45 K
Total	\$5.8 M	\$6.4 M	\$12.2 M

**The budgets for Districtwide Projects are shown on the Districtwide CIP Monthly Report.*

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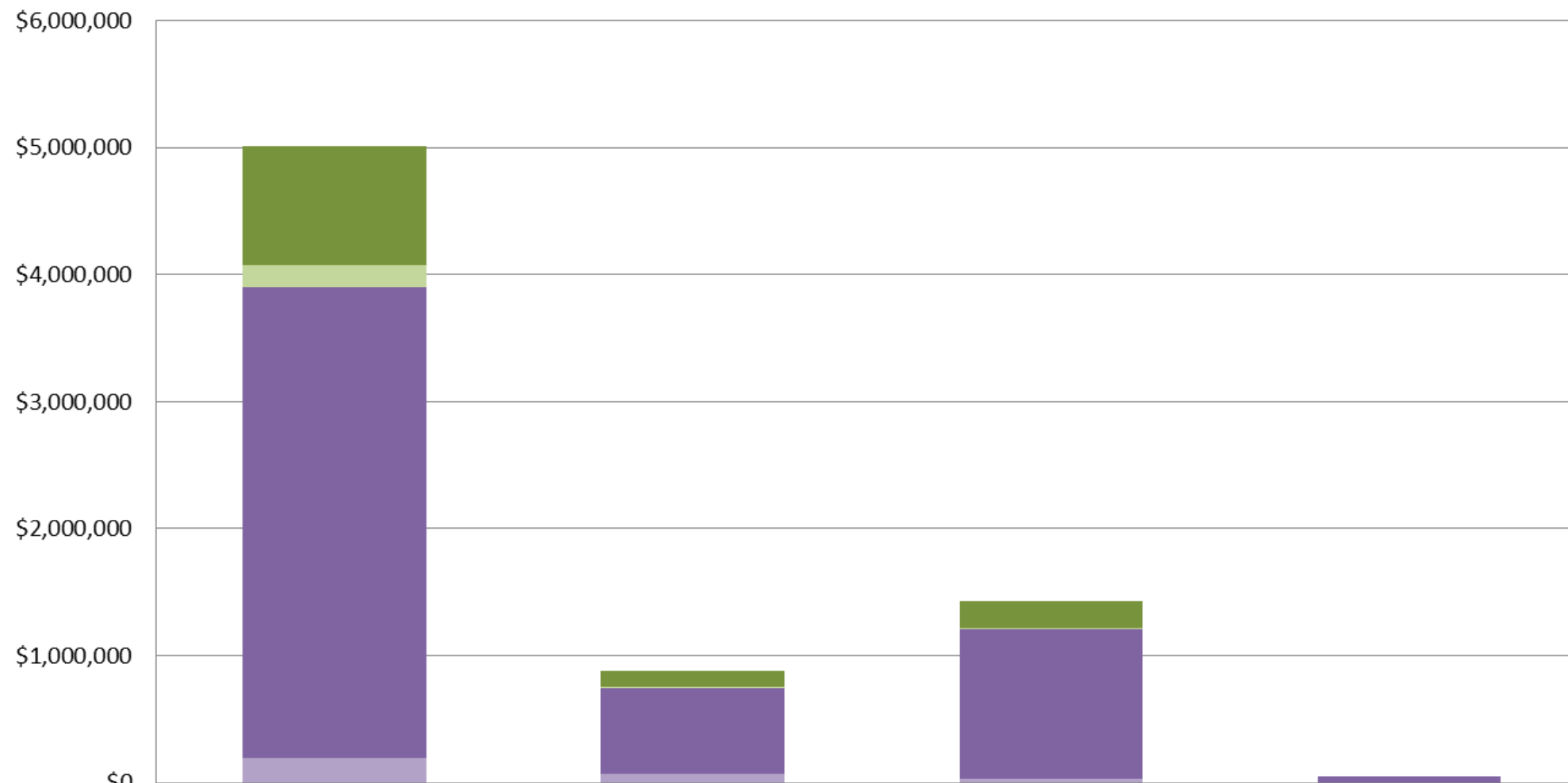
Budget

Business Partners

Highlights/Issues

Budget

Expenditures Snapshot as of September 30, 2016



- Measure E Budget Remaining
- Measure E Expenditures
- Measure I Budget Remaining
- Measure I Expenditures

	Building A 2nd Floor Student Center and Quads Modernization	Buildings H1 and H2 Restrooms Modernization	Security Fencing Upgrade	Infrastructure Improvements
Measure E Budget Remaining	\$936,686	\$125,548	\$204,366	
Measure E Expenditures	\$168,813	\$6,087	\$9,784	
Measure I Budget Remaining	\$3,711,642	\$674,618	\$1,183,451	\$41,945
Measure I Expenditures	\$193,275	\$70,382	\$28,550	\$3,055

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Highlights/Issues

Business Partners

- **Building A 2nd Floor Student Center and Quads Modernization**

- Construction Manager Kitchell CEM
- Architect LPA, Inc.
- Contractor TBD

- **Buildings H1 and H2 Restrooms Modernization**

- Construction Manager Kitchell CEM
- Architect LPA, Inc.
- Contractor TBD

- **Security Fencing Upgrade**

- Construction Manager Kitchell CEM
- Architect LPA, Inc.
- Contractor TBD

- **Infrastructure Improvements**

- Construction Manager Kitchell CEM
- Architect LPA, Inc.
- Contractor TBD

- Inspector TBD

- Special Testing & Inspection TBD

- Furniture, Fixtures & Equipment (FF&E) TBD

- Inspector TBD

- Special Testing & Inspection TBD

- Furniture, Fixtures & Equipment (FF&E) TBD

- Inspector TBD

- Special Testing & Inspection TBD

- Furniture, Fixtures & Equipment (FF&E) TBD

- Inspector TBD

- Special Testing & Inspection TBD

- Furniture, Fixtures & Equipment (FF&E) TBD

**Business Partners for Districtwide Projects are shown on the Districtwide CIP Monthly Report.*

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Highlights/Issues

Highlights/Issues

- **Building A 2nd Floor Student Center and Quads Modernization**

- Division of State Architect (DSA) review of plans and specifications continues.
- Architect and CM are working on 100% Construction Document estimate.
- CM team continues to meet with school staff to plan for interim housing during construction.

- **Buildings H1 and H2 Restrooms Modernization**

- Work for this project will be bid with the work for the Building A 2nd Floor Student Center and Quads Modernization project.

- **Security Fencing Upgrade**

- Submitted bids are under review by CM team and Facilities. Work will include removal of existing fencing and gates and installation of new decorative fencing, gates, signage and irrigation relocation work.

- **Infrastructure Improvements**

- Infrastructure improvements will occur in conjunction with Quads Modernization project.

**Highlights/Issues for Districtwide Projects are shown on the Districtwide CIP Monthly Report.*