



Measure L Bond Program

Project Update
March 24, 2015

Brett W. McFadden, CBO
Victor Sandoval, Planning Supervisor
Richard Mullikin, Director of M/O/F
Dan Weiser, Asst. Director of Technology

Agenda

- **Program overview:**

Brett McFadden

- **Fiscal oversight**

Brett McFadden

- **Bond Projects Update:**

Rick Mullikin / Victor Sandoval

- **I. T. Projects Update**

Dan Weiser

Program Overview

- **Bond program, financing, and projects launched in January 2013**
 - \$80 million first issuance in April 2013 – 100% accrued to date
 - Project and program planning launched in January 2013
- **Established Measure L Citizens' Oversight Committee (COC)**
 - Meet quarterly
- **Over 80 projects completed**
 - Phase one approx. 95% complete
 - Launching an ambitious phase two for Summer/Fall 2015
- **First program audit completed by COC (FY 2013-14)**
 - No findings or major exceptions
- **Moved program and most construction management in-house**

Construction Measures

Decision making framework



Process performed at all sites and departments

Projects Under Construction

Aptos high school / Rolling Hills:

Installation of the solar systems are 95% complete. While doing the investigative connections to the main switch board (MSB) it was found that the Existing MSB's are in need of a complete replacement. SunPower's engineering department completed the plans and the Board has approved the change order. Currently the plans are in the possession of PG&E. We are now waiting for their approval for installation.

Watsonville high school Solar / Gieser Field Announcers Booth:

The solar system is now connected into PG&E's main electrical grid. Soon after the system was connected PG&E notified SunPower's engineering department, that a new Transformer would be required. PG&E will be providing a cost proposal for the installation of a larger Transformer at this location. The announcers booth at Gieser Field is currently under major repairs.

Aptos High Freedom Field:

Phase two of the field improvements are at 95% complete. Meeting held on April 10 with neighbor representatives for plan review prior to construction. The schedule has been pushed out due to heavy rains in December. Construction completion is now pending on current rain conditions and forecast. Estimate seeding field next week and completing last remaining items. Planning on Phase 3 ESHA restoration, resurfacing Mariner Way, and additional landscaping has begun. Board resolution calls for final meeting with residents.

Projects in Planning

Pajaro Valley High School Completion:

Initiated Environmental Impact Review (EIR) and coastal development permitting process. Seeking completion of three projects – 1) student auditorium; 2) athletic complex; 3) solar car ports. Completed a series of meetings with stakeholders and public agencies. Opposition from Watsonville Pilots Association has been identified and will be significant.

Safety locks for secondary schools:

Safety locks completed for all elementary schools. RFP under development for secondary schools. Estimated installation is summer 2015.

Other projects in planning:

- EA Hall Field and Track Modernization Project
- Aptos Junior High and Mar Vista Modernization



Summer Projects 2015

Alianza / WCSA Fire Flow System:

The Fire Flow System Project is under design and will be submitted to DSA for approvals. The project is slated to begin at the beginning of Summer 2015. The project is scheduled to be completed in late December.

Ann Soldo Roofing and Gutter Replacement:

The permanent portable buildings on the campus are scheduled to receive new roof and gutters. The buildings went through the first phase of repair in summer 2014. this will complete the complete refurbishment of said buildings. The project will be done over the summer 2015. classrooms will be ready for student use in early August.

Bradley Elementary Sanitary Sewer Replacement:

The current sanitary sewer system on the site is failing and will go through a much needed repair. The project is under design and will incorporate a alternative waste water system design. The project will start over the summer and will be completed by late August.



Summer Projects 2015 cont.

Calabasas Re-roof and Dry Rot Repair Phase 2:

In the Summer of 2014, we started with replacing the roofs on permanent buildings. Since we could not complete the entire campus during one summer. The project was split in two. This summer we will be doing the remaining buildings. This project will be completed prior to the return of students.

E.A. Hall Installation of 9 New Portable Classroom Project:

The plans for the new portable building installation is under review at the office of Division of State Architects. The buildings were selected by staff and are considered energy efficient and green. The buildings will have the latest technology standards along with readily available restroom facilities. The Project will start in early June and scheduled to be completed by February 2016. The track and field project is under design for installation in summer 2016.

Hall District Water Intrusion Repair:

The current sanitary sewer system on the site is failing and will go through a much needed repair. The project is under design and will incorporate a alternative waste water system design. The project will start over the summer and will be completed by late August.



Summer Projects 2015 cont.

MacQuiddy Roofing and Dry Rot Repair Phase 1:

All permanent buildings will have dry rot repair and recoating of existing roofs. The project is being done in the summer. Construction may not address all buildings during this short period. That is why the project will have the second phase in order to complete the project.

Mintie White Insulation and cooling system installation:

The Planning Department was notified of a over heating problem on the South side of the main building. A meeting with the Teachers, Teachers Union, Principal was held and a possible solution was created and turned into a Measure “L” Bond Project. The project consists of installing insulation and Cooling systems to Eight classrooms and the main office. The project is to be done during the summer 2015.

Pajaro Middle Kitchen Modernization and Expansion:

The gym / multipurpose and kitchen will be modernized and expanded. In this project the parking lot drainage systems will also be repaired. The project is to start the summer and should be completed by December 2015.

Rio Del Mar Modernization:

The Rio Del Mar Modernization has several phases of construction. The first is the installation of a new sanitary sewer service. Together with this project is the rehabilitation of the street pedestrian walkways and cross walks. The project is a team effort between PVUSD and Santa Cruz County.

Summer Projects 2015 cont.

Watsonville High Two Story (10) Classroom Building:

The installation of the two story building is part of a phased project. The installation will serve in two ways. One is to replace the older portable buildings. Second is to serve as temporary housing during the modernization of the campus. The installation of the two story building will start during this summer and is scheduled to be completed February 2016.

Valencia Modernization:

This summer the site will be going through some small in house projects. These projects include, the placement of perimeter safety fencing, replacement of carpet in the library and rooms 18 and 19, rekey the site to one master (Columbine) key, cleaning of the campus drainage system. Additional projects are under design for implementation in summer 2016.

In House Carpet Replacement and Re-keying:

This summer the department has put together Phase three of the District wide carpet replacement project. In phase three, carpets will be replaced at 17 sites. The collation of the list, is the result from Williams complaints and work orders in the system.



Measure “L” Endowment Projects

(Deferred Maintenance)

District Wide Projects:

- Carpet replacement and asbestos remediation Phase Three (3)
- HVAC replacement at Calabasas and Rolling Hills
- Portable roof replacement (Cesar Chavez, Lakeview)
- Gutter replacement (WHS, PMS, Rio del Mar, Aptos Jr High, Hall District, Mar Vista, Ohlone)
- V-Drain refurbishment (Rolling Hills, Cesar Chavez, Bradley)
- Bio-swale / Retention pond installation (Rolling Hills)
- Bus Yard break room re-build and paving
- Pool Surge pit installation (WHS)
- Soquel Water District - Drought Mandates (Northern Schools in Water District);
 - 20% of all mandates must be completed by June 2015
 - 100% of all mandates must be completed by June 2016
 - Mandated schools and possible costs, plus or minus:

– Aptos Jr. High	\$93,280
– Mar Vista	\$80,685
– Rio del Mar	\$72,930
– Valencia	\$78,595
Total Mandate Cost	\$325,490



Proposition 39 Projects

(California Clean Energy Jobs Act)

District Wide Projects:

Funding maxim:

Design	208,000
1 st year issuance	687,957
2 nd year issuance	783,203
<u>Measure L contribution</u>	<u>300,000</u>
	\$1,979,200

Identified Projects:

- Exterior Lighting retrofit at 33 sites.
- Energy Management (EMS) installation at 10 sites
- Heating Ventilation and Air Conditioning (HVAC) replacement at 6 sites





Technology Services Bond Projects

Dan Weiser
Asst. Director of Technology



Technology Services Bond Projects

Intelligent Classrooms

- Only change to this project is to install 70 inch TVs instead of short throw projectors
 - TVs don't need to have a bulb replaced every 1.5 years (lower maintenance)
 - TVs have brighter image and higher resolution
 - The cost for large TVs have finally come down to similar price as projector
- Identified 3 instructional technology tools for the Intelligent Classroom Project
 - ~~Mounted Short Throw Projector~~ 70" TV
 - Document Camera
 - Classroom Audio Amplification System
- Pilot - install complete in 5 school sites
- TV Bid to School Board 2/11, Installation bid to School Board 2/25, Project installation to begin in March 2015
- Teachers & Principal to pre-approve install location



Technology Services Bond Projects

Intelligent Classrooms

- Teachers & Principal to pre-approve install location

Amesti Elementary School,				
School Name	Room #	TYPE	Link to Photo	RESPONSE FORM
Amesti Elem	1	#1 -AUDIO & TV	<u>2878-2885</u>	<u>RESPOND FORM</u>
Amesti Elem	2	#1 -AUDIO & TV	<u>2886-2892</u>	<u>RESPOND FORM</u>
Amesti Elem	3	#1 -AUDIO & TV	<u>2893-2899</u>	<u>RESPOND FORM</u>
Amesti Elem	4	#1 -AUDIO & TV	<u>2900-2905</u>	<u>RESPOND FORM</u>
Amesti Elem	5	#1 -AUDIO & TV	<u>2906-2913</u>	<u>RESPOND FORM</u>

Technology Services Bond Projects





Intelligent Classroom Install:Teacher Review

The goal for the first phase of the Intelligent Classroom Project TV installation is to place a large display in the "front of the classroom" where most instruction takes place. The TV will be your main display device for digital content. Small adjustments may be made to this plan as necessary, if the currently planned location is not optimal. Please detail any necessary adjustments below. The final decision will be made in collaboration between your school principal and Technology Services.

The goal for the second phase of the project, will be to ensure each classroom has a viable document camera. Therefore, we will be asking for your input on both the TV location and document camera status.

Thank you for your feedback.

Your username (tim_landeck@pvusd.net) will be recorded when you submit this form. Not [tim_landeck?](#) [Sign out](#)

* Required

Site *

Classroom # *

Intelligent Classroom Install:Teacher Review

Your username (tim_landeck@pvusd.net) will be recorded when you submit this form. Not [tim_landeck?](#) [Sign out](#)

* Required

TV Location Input

Location Change Request *

TVs will be installed in the front of the classroom (where current whiteboard is located, but with as minimal impact to whiteboard space as possible). Requests will be honored if at all possible, assuming no construction impediments, such as clocks, PA speakers, cabinetry, proximate power source, etc.

- ☐ I am requesting the TV be moved above the proposed location
- ☐ I am requesting the TV be moved below the proposed location
- ☐ TV to right of pictured
- ☐ TV to left of pictured
- ☐ picture location is fine as is

Please provide detail on the requested alternative location: *

☐ Send me a copy of my responses.

« Back

Submit

One of the “Pilot
Sites” that received a
TV and Audio
Amplification System
—
Mar Vista Elementary



Technology Services Bond Projects

Wide Area Network (WAN) Connection

- All schools receiving a dedicated 1Gb connection to the Internet – 80% Complete

Data Drops

- Continue to install additional data connections for Stu. Computers, phones and wireless infrastructure
- Bradley school data network install 100% complete, AHS Data Network 90% complete
- VoIP Telephone upgrade for 6 North Area Schools to be completed summer 2015

Data Center Upgrade

- Leverage Erate funding for up[grade to eligible components (servers, phones, cabling, etc.)
- Working with Facilities for Data Center Facility Upgrade

Backup and Storage

- Have tripled user storage limits of email and files
- Increased backup capabilities to support daily backups of all critical servers and data

Video Surveillance Cameras

- Bids received to come to School Board 2/25
- Implementation to be completed by Summer 2015

Technology Services Bond Projects

Technology Endowment 2014/15

- Supplement One-to-One Chromebooks for students 24/7
 - EA Hall and Pajaro Middle
 - Implementation = Now for EA Hall, Fall 2015 for PMS
- ½ bond funded ToSA for professional development
 - Supporting Chromebook 1:1 implementation, Intelligent Classroom, etc.
- Desktop Computers for each Library, Office and Nurse station at each school
- SmartBoard Repair/refresh district-wide
- Innovation Grant for Secondary Schools (Winter and Spring Institutes)
 - 1:1 Devices for classroom use – Institute Raffle (PVHS, AHS, Spring TBD)
 - Professional Development
 - Implementation support

Challenges

- **District facility needs remain significant**
 - Average age of facilities is 60+ years
 - Total needs likely exceed \$350 million (conservative estimate)
 - Measure L will not be able to address all needs... or be able to keep up
- **State facility program has been exhausted**
 - No state K-12 facilities bond since 2006
 - Current program has been exhausted
 - District remains on its own for facility and modernization financing
- **State deferred maintenance program has been eliminated**
- **District will need explore additional facility financing in 2018 / 2020**

Questions?

