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# Buena Park School District



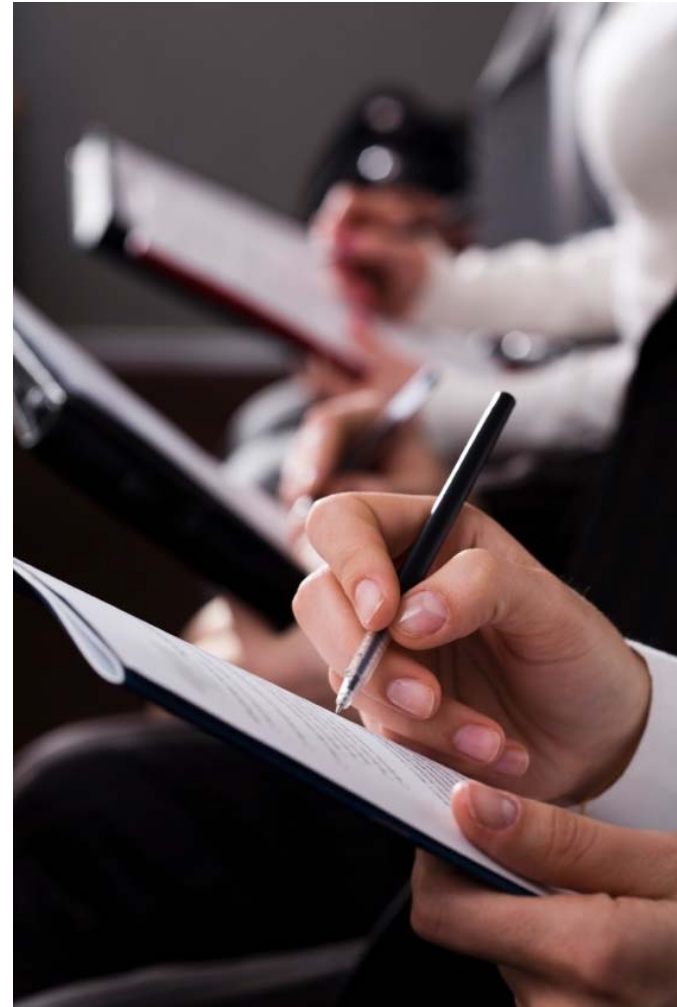
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Measure B Program  
Monthly Facilities Update  
Overview of Smaller Projects  
March 13, 2017

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# Agenda

- Roof Replacement Project
- SCE Lighting Upgrades
- Prop 39 Energy Savings Project
- Summer Construction Schedule/Budgets



# Roof Replacements at Gilbert Elementary

## Bid 17-02 Replacement of 6 Roofs at Gilbert Elementary School



**Current Procurement Status:** District Received 8 Bids\* on February 9<sup>th</sup>, 2017 with values ranging from \$239,000 to \$434,000 (mean of \$292,612). Construction Labor Budget \$350,000.

\* Includes a \$15,000 owners allowance.

**Project Synopsis:** Complete removal and replacement of 6 roofs at Gilbert Elementary School. In addition to the 6 roofs at Gilbert the District has 6 additional roofs (4 at BPJH and 2 at Pendleton) that are high priority for replacement. The budget for the additional 6 roofs is \$370,500 these building are slated for reroofing in future years of the bond program.

**Current Construction Status:** Letner Roofing Company has been approved by the Governing Board and contract documents are being gathered by the contractor.

### Project Milestones:

Award of Contract:	February 27, 2017
Submittal approvals:	March 6 – May 29, 2017
Start of Construction:	May 30, 2017
Construction Completed:	July 21, 2017

# Southern California Edison (SCE) Grant Project Status - Completed

**Background:** In November of 2016 the District applied for approximately \$470K in funding for lighting upgrades at sites throughout the District via a Southern California Edison's Grant. Funding has since been approved and SCE's vendor, Willdan Energy Solutions, began the implementation of the lighting upgrades late last year.

**Current Construction Status:** Willdan Energy Solutions has completed the installation of the interior lighting upgrades. The chart below shows the estimated Electrical savings for each site. The reduced energy expenditure accounts for an estimated District wide savings of \$109,597/yr.

Site	Project Cost (Funded by SCE Grant)	Estimated Electric Savings (kWh/yr)	Estimated Savings per Year
Beatty Elementary	\$71,302	80,606	\$17,885
Corey Elementary	\$57,042	46,124	\$9,830
Emery Elementary	\$48,910	40,540	\$9,440
Gilbert Elementary	\$70,053	63,392	\$9,965
Pendleton Elementary	\$ 50,442	49,598	\$10,340
Whitaker Elementary	\$59,452	59,711	\$19,245
Buena Park Junior High	\$99,128	141,433	\$27,240
District Office	\$28,350	29,350	\$5,652
<b>TOTAL</b>	<b>\$484,679</b>	<b>510,754</b>	<b>\$109,597</b>

*\*TELACU has reviewed these projected savings with the Districts Proposition 39 Consultant PacWest and confirmed the projected savings are realistic.*



# Southern California Edison (SCE) Grant Project Status - Completed

**Energy Saving to Date:** In the first two months of 2017 (i.e., the 2 months post completion of the project), electrical cost savings has totaled \$10,683

Cost	Jan	Feb	Total
<b>2016</b>	\$48,959.15	\$55,414.26	\$104,373.41
<b>2017</b>	\$43,505.00	\$50,186.15	\$93,691.15
<b>Diff</b>	\$5,454.15	\$5,228.11	<b>\$10,682.26</b>
<b>% Saving</b>	11.14%	9.43%	<b>10.23%</b>

January and February are typically the lowest energy usage months. Energy usage is close to double in in the summer months (i.e., August, September, & October).

# Prop 39 District Wide Energy Projects Project Update

**Project Synopsis:** The District will receive Proposition 39 funding over 5 years. An estimated \$1.3 million in funds was originally anticipated and with the assistance of Pacific West Energy Solutions (the District's Proposition 39 consultant), an energy expenditure plan was developed and approved by the California Energy Commission. The energy plan consists of the following:

<i>Item</i>	<i>Proposed \$ Amount</i>	<i>Projected Annual Energy Savings</i>	<i>SIR</i>
HVAC Replacement	\$407,334	\$14,219	0.74
Exterior Lighting Controls	\$147,170	\$2,301	0.47
Building Controls (i.e., HVAC Controls)	\$409,532	\$63,924	1.83
BPJH/Whitaker Interior & Exterior Lighting	\$292,374	\$36,082	1.91
Energy Audit Consultant Fees	\$59,300	---	
Total	\$1,315,710	\$116,526	1.28

**Phase 1:** Replacement of 7 HVAC Units – Project Completed in 2015-2016.

**Phase 2:** Consists of Building Control System for interior HVAC and exterior lighting controls throughout the District. The project will connect all the HVAC units and Exterior lighting panels to a web based control system allowing the District web based control of the Air conditioner units and lighting.

**Procurement Status:** The District released an RFQ/P on January 10<sup>th</sup>, 2017 and received four responses on February 9<sup>th</sup>, 2017. Short-listed Firms provided pricing proposals to the District on March 3, 2017. Proposals are currently being analyzed, the selected firm is anticipated to be presented to the Board for approval on March 27<sup>th</sup>.

**Project Milestones:**

Award of Contract: March 27, 2017  
 Submittal approvals: April 1 – May 29, 2017  
 Project Completed: Prior to August 1, 2017

**TELACU Construction Management**



# Prop 39 District Wide Energy Projects Project Update

## Phase 3:

HVAC Replacement. Per the energy plan, a total of 37 HVAC units are to be replaced. To date 7 replacement units have been installed at Corey, Emery, and Whitaker in phase one of the project. The remaining 30 units are on temporary hold pending completion of the Exterior Lighting & Building Controls projects to ensure that funds are not spent in advance of Prop 39 apportionments.

In addition to the 37 units covered by Prop 39 the District has an additional 359 units of which 91% are more than 10 years old and beyond their expected life cycle. These units are currently operational but could require repair or maintenance in the near future. Of these 359 units 104 are units in portable classroom spaces.

# Summer Project Construction Cost Summary

Project	Construction Budget	Contract Amount	Change Orders	Variance
17-03 Gilbert and Whitaker Modernization	\$6,791,229	\$5,874,900*	\$0	(\$916,329)
Proposition 39 Controls	\$556,702	TBD	\$0	TBD
17-02 Gilbert Roof Replacement – Labor	\$350,000	\$239,000**	\$0	(111,000)
17-02 Gilbert Roof Replacement – Material CMAS	\$250,000	\$226,771	\$0	(\$23,229)

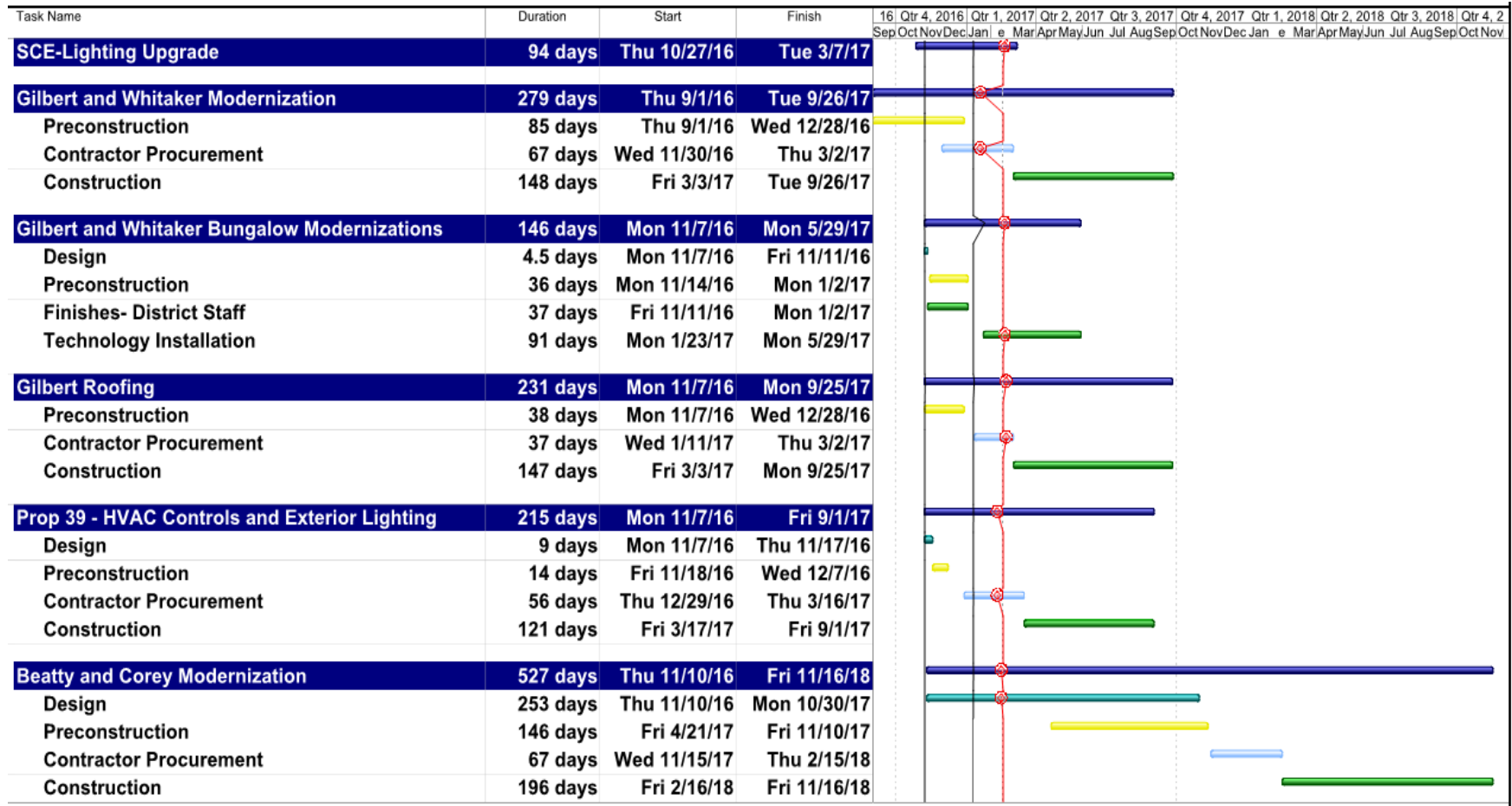
\* Includes a \$400,000 allowance.

\*\* Includes a \$15,000 allowance.



# Measure B Program Schedule Update Phase I 2017 / Phase 2 Planning

Note: Dates for District-wide roofing, Gilbert/Whitaker/Beatty/Corey modernizations are preliminary & subject to change.



### LEGEND

Yellow – Preconstruction/Procurement  
Teal – Close-out

Purple – Move Management  
Light Blue - Contractor Procurement

Green – Construction  
Aqua – Design

Red – Occupancy  
Maroon – DSA Review/Approval

# Questions/Discussion

THANK YOU