



# **QUARTERLY FACILITIES AND ENERGY MANAGEMENT UPDATE**

**September 22, 2015**



# AGENDA

- Bond Projects Update
- Other Sources of Funding Summary
- General Fund One-Time Money Projects Update (2014/15 and 2015/16)
- School Site Funded Projects Update
- Spring/Summer Maintenance Projects
- Deferred Maintenance Plan Update
- Energy Management/Prop 39 Update



# BOND PROJECTS UPDATE





# **CURRENT ENCUMBRANCES**

## **CURRENT PROJECTS/CLOSEOUT – FUND 23**

<b>Professional Services:</b>	<b>\$52,698</b>
<b>Architect Fees:</b>	<b>\$2,640</b>
<b>Federal &amp; State Fees:</b>	<b>\$2,283</b>
<b>Labor Compliance:</b>	<b>\$5,006</b>
<b>Land Improvement:</b>	<b>\$91,246</b>
<b>Testing &amp; Inspection:</b>	<b>\$0</b>
<b>Other Costs/Services:</b>	<b>\$30</b>
<b>TOTAL</b>	<b>\$153,902</b>

*Note: Figures are as of September 10, 2015*





# DISTRICT FACILITIES RECAP BOND FUND 23

Description	2014/2015 Fiscal Year	Expenditures	Totals
Cash Balance	\$259,704	<b>\$(93,072)</b>	\$166,632
Encumbrances – Fund 23	\$0	\$153,902	<b>\$(153,902)</b>
		<b>Total Available Balance</b>	<b>\$12,730</b>

***Note: Figures are as of September 10, 2015. Additional fees and costs are pending as Foothill close out continues.***



# **DISTRICT FACILITIES CASH FLOW FUNDS 23 & 35**

**Fund 23**  
**(Bond Measure P)**

**\$12,730**

**Fund 35**  
**(School Facility Fund)**

**\$141,948**

**TOTAL**

**\$154,678**

***Note: Figures are as of 9/10/15. Additional fees and costs are pending as Foothill close out continues.***





# ELLA ELEMENTARY CLASSROOM BUILDING

## SFP State Matching Funds:

(as of 2013 based on OPSC Audit from 12/16/2014)

**\$5,302,717**

## Budget Summary:

Architect Fees	\$771,947
Builders Risk Insurance	\$8,449
CDE Fees	\$5,624
Construction (includes c/o's and return contingency -\$261,781.65)	\$7,906,962
Construction Testing	\$117,459
Construction Utility Costs	\$62,663
DSA Fees	\$57,903
Engineering Fees	\$48,533
Environment Services	\$26,435
Furniture and Equipment	\$160,331
Inspection Fees	\$111,545
Security	\$89,204
Other Costs - Bldg Improvement	\$42,726
Other Costs – Land	\$14,215
Other Costs - Planning, Advertising, etc.	\$450

**TOTAL**

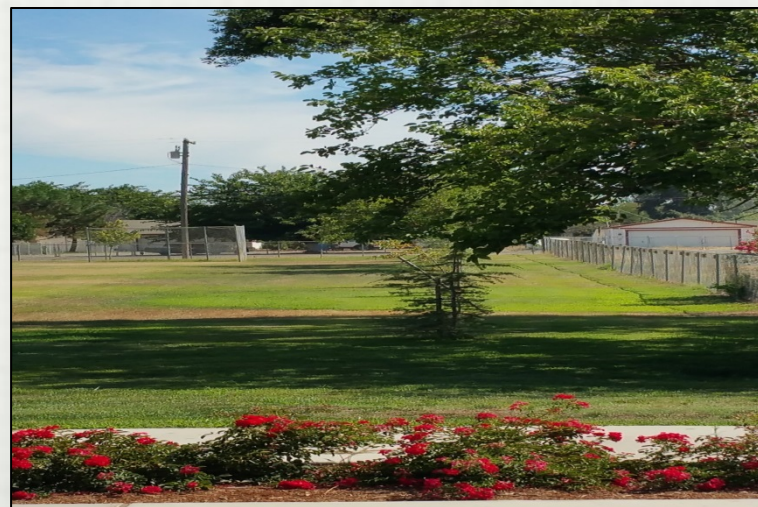
**\$9,424,447**

***Note: Figures include hard and soft costs as of September 10, 2015. SFP Interest: \$7,220.***





# ELLA ELEMENTARY LANDSCAPING & MONUMENT SIGN



**Grounds staff: Assisting with barricades/safety; Contractor: Removed dead tree; graded /hydroseeded.**





# FOOTHILL INTERMEDIATE WASTEWATER SYSTEM

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## Budget Summary as of September 10, 2015:

Architect Fees	\$4,500
Builders Risk Insurance	\$0
CDE Fees	\$0
Construction	\$196,007
Construction Testing	\$0
Construction Utility Costs	\$0
Engineering Fees	\$35,793
Environmental Services	\$1,436
Furniture and Equipment	\$0
Yuba County Envir. Health Plan Check and Inspection Fees	\$1,091
Other Costs - Bldg Improvement	\$604
Other Costs - Planning, Advertising, etc.	\$2,038
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TOTAL	\$241,468

***NOTE: Engineering related submittals and As-Builts underway and estimated completion September 2015. Low bid \$276,610.00. Yuba County Health Department required maintenance contract has been submitted/processed.***





# FOOTHILL INTERMEDIATE WASTEWATER SYSTEM



During





# FOOTHILL INTERMEDIATE WASTEWATER SYSTEM



**After**



# OTHER SOURCES OF FUNDING







# OVERVIEW

<b>Deferred Maintenance - Fund 14</b>	<b><u>\$1,235,877 (as of 9/10/15)</u></b> <i>Including \$820,000 per year per LCAP</i>
<b>Routine Restricted Maintenance (8150)</b>	<b>\$2,022,040 (2015/2016)</b> <b>Expenditures (as of 9/10/15): \$(296,673);</b> <b>Encumbrances (as of 9/10/15): \$(1,408,141)</b> <b><u>\$317,226 (remaining as of 9/10/15)</u></b>
<b>General Fund One-Time Money</b> <i>Includes One-Time Discretionary and Previously allocated General Fund EFB</i>	<b>\$5,065,919 2015/2016 (multi-year)</b> <b><u>\$(897,079) (allocated as of 9/10/15)</u></b> <b><u>\$4,168,840 (remaining as of 9/10/15)</u></b>
<b>Prop 39 MJUSD – Clean Energy</b> <b>(Fund 01 - Restricted MJUSD)</b> <b>Funds Follow submittal of “plan” when ADA over 1K</b>	<b><u>\$2.2 Million</u></b> <b>(Over 5 Years)</b> <b><i>RGA for LINDA HVAC paid from planning funds (received prior years)</i></b>
<b>Prop 39 MCAA – Clean Energy</b> <b>(Fund 09 - Restricted MJUSD)</b> <b>Submitted for Year 2 and 3 funds on 8/26/15</b>	<b><u>\$250,000</u></b> <b>(Over 5 Years)</b>

# **GENERAL FUND ONE-TIME MONEY PROJECTS**







# COVILLAUD ELEMENTARY FENCING/CAMERAS

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## Budget Summary:

Architect Fees	\$29,520
Builders Risk Insurance	\$0
CDE Fees	\$0
Construction	\$263,625
Construction Testing	\$229
Construction Utility Costs	\$0
DSA Fees	\$2,100
Engineering Fees	\$2,100.00
Environment Services	\$0
Furniture and Equipment	\$10,672
Inspection Fees	\$5,320
Security	\$770.00
Other Costs - Bldg Improvement	\$161
Other Costs - Planning, Advertising, etc.	\$4,439
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TOTAL	\$316,067

***Note: Figures include hard and soft costs as of 9/10/15. First construction pay application was processed in August. Next quarterly presentation will likely contain 100% less retention. The technology expense was for a server which will ultimately serve more than this project. Low bid amount was \$318K.***





# COVILLAUD ELEMENTARY FENCING/CAMERAS

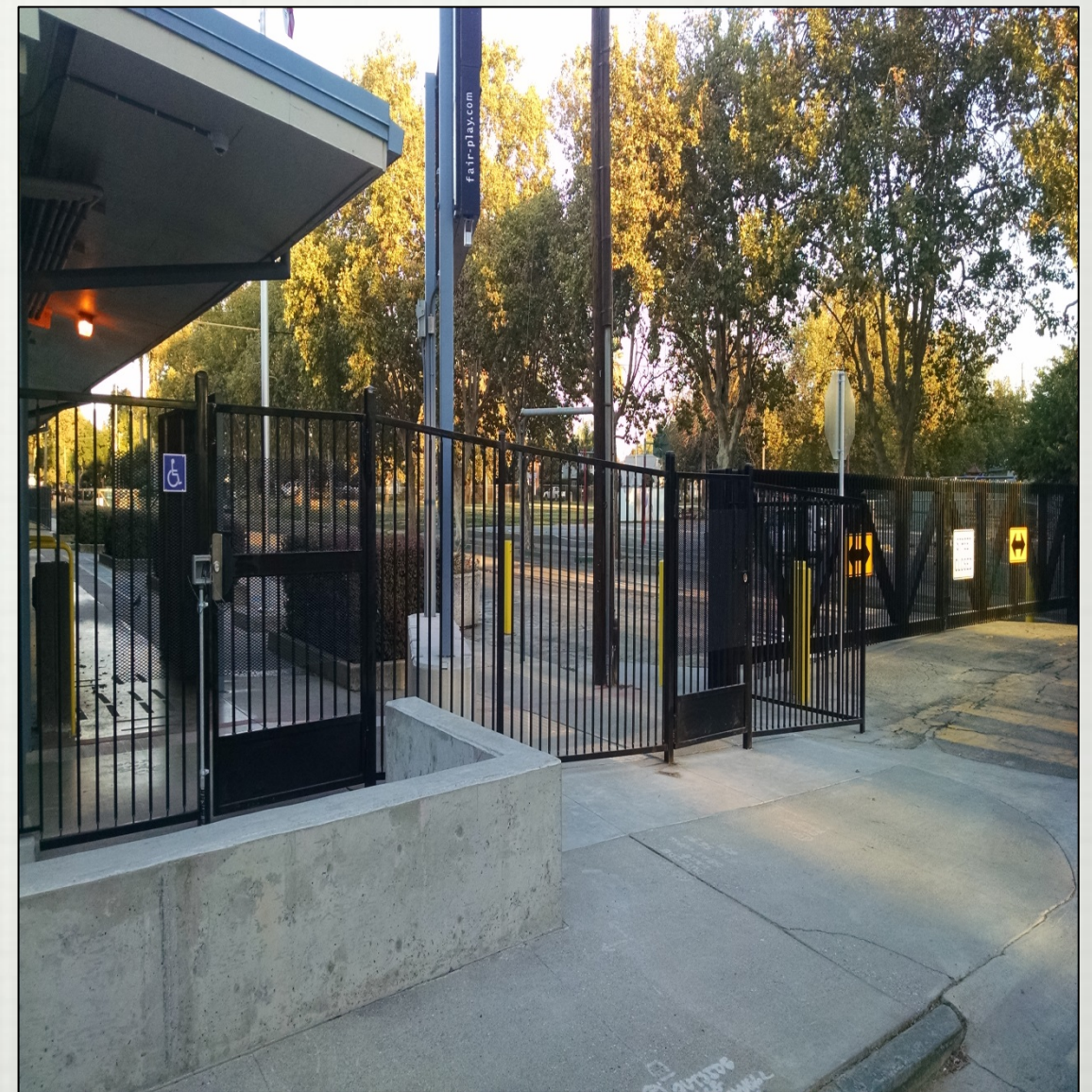
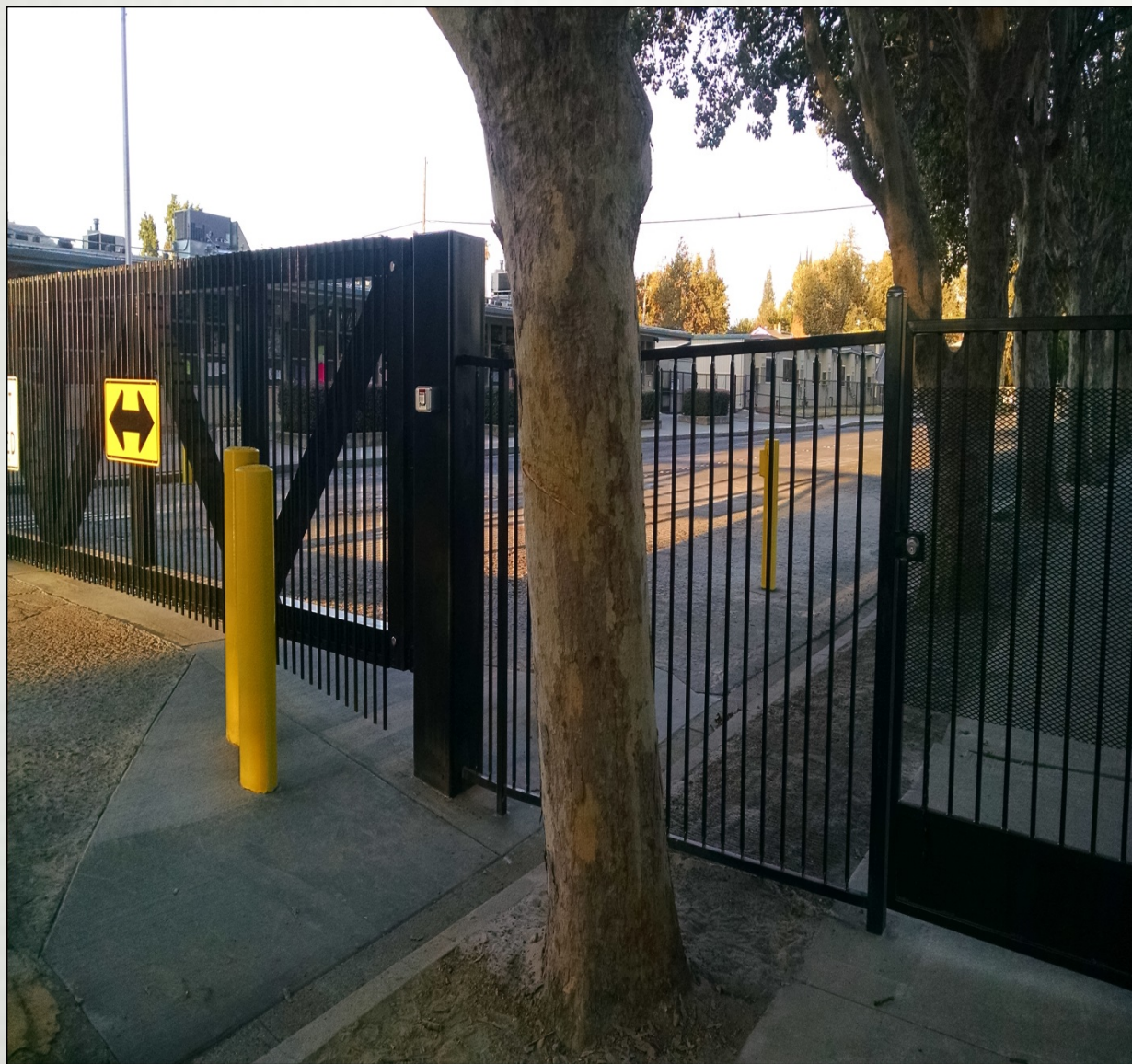


**Before**





# COVILLAUD ELEMENTARY FENCING/CAMERAS



**After**





# SOUTH LINDHURST PORTABLE

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## **Budget Summary:**

Architect Fees	\$22,683
Builders Risk Insurance	\$0
CDE Fees	\$0
Construction	\$250,983
Construction Testing	\$3,873
Construction Utility Costs	\$0
DSA Fees	\$1,290
Engineering Fees	\$4,722.60
Environment Services	\$0.00
Furniture and Equipment	\$19,261
Inspection Fees	\$8,470
Security	\$0
Other Costs - Bldg Improvement	\$2,308
Other Costs - Planning, Advertising, etc.	\$2,053

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<b>TOTAL</b>	<b>\$312,420</b>
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***Note: Figures include hard and soft costs as of 9/10/2015. Low Bid was \$204K. Two signs remain to be placed at site and close out process is underway. As-builts and O&M and other documentation underway as of mid August.***





# SOUTH LINDHURST PORTABLE ADDITION



**Before**





# SOUTH LINDHURST PORTABLE ADDITION



**After**





# **ARBOGA (6) PORTABLES DSA INSPECTION AND CERTIFICATION**



**Scope: Pull carpet, Inspect joint connections, secure carpet. Possible Repair Floor connections/Accessibility Improvements and Signs. Original project pre 2006 - DSA is requiring this past work to be closed with certification. Necessary repairs are unknown at this time.**





# LINDHURST HIGH CENTRAL PLANT/HVAC PROJECT



**Before – Improvements to be made in stages starting with C and F buildings.  
Gym to follow, Other Classroom Buildings then Administrative Building.**





# LINDHURST HIGH GASLINE/QUAD



**Concrete Demo/Gas Line Replacement/Tripping Hazard Repair/ADA/Accessibility.  
Scoping and estimated total cost underway.**



# SCHOOL SITE FUNDED PROJECTS







# SCHOOL SITE FUNDS FACILITIES CURRENT PROJECT LIST

SCHOOL SITE/ DESCRIPTION	FUNDING SOURCE	STATUS	SCOPE	ESTIMATED TOTAL COST (HARD & SOFT COSTS)
LHS Shade Canopy	Site Funds (01)	DSA Approved – Jan 2015  Bid Feb./Rebid April 14  Construction: June 8 <sup>th</sup> Start Date  Closeout – Fall 2015	Installation of 20 x 40 Shade Canopy in the quad area	Low Bid: <b>\$28,850.00 (hard cost)</b> <b>Valley School Shelters</b>
MCAA Modular Additions	Charter Funds (09)	Design/DSA 2015/16  Bid/Construction Spring/Summer 2016	Topo, Water Pressure Testing Fire Hydrants completed  Up to Two Modular Buildings, Site Work and Flat Work – depends on costs and budget.  MCAA Staff Purchase Portable(s)	(DSA review and approval required)  Estimate and Bid Amount over next several months  Scoping meeting held 09.09.2015

***Note: The items above are Facilities. The Maintenance Department completes many other additional items as well.***





# LINDHURST HIGH SHADE CANOPY



**Before**



**After**





# MCAA PORTABLE ADDITION/SITE WORK



**Before**



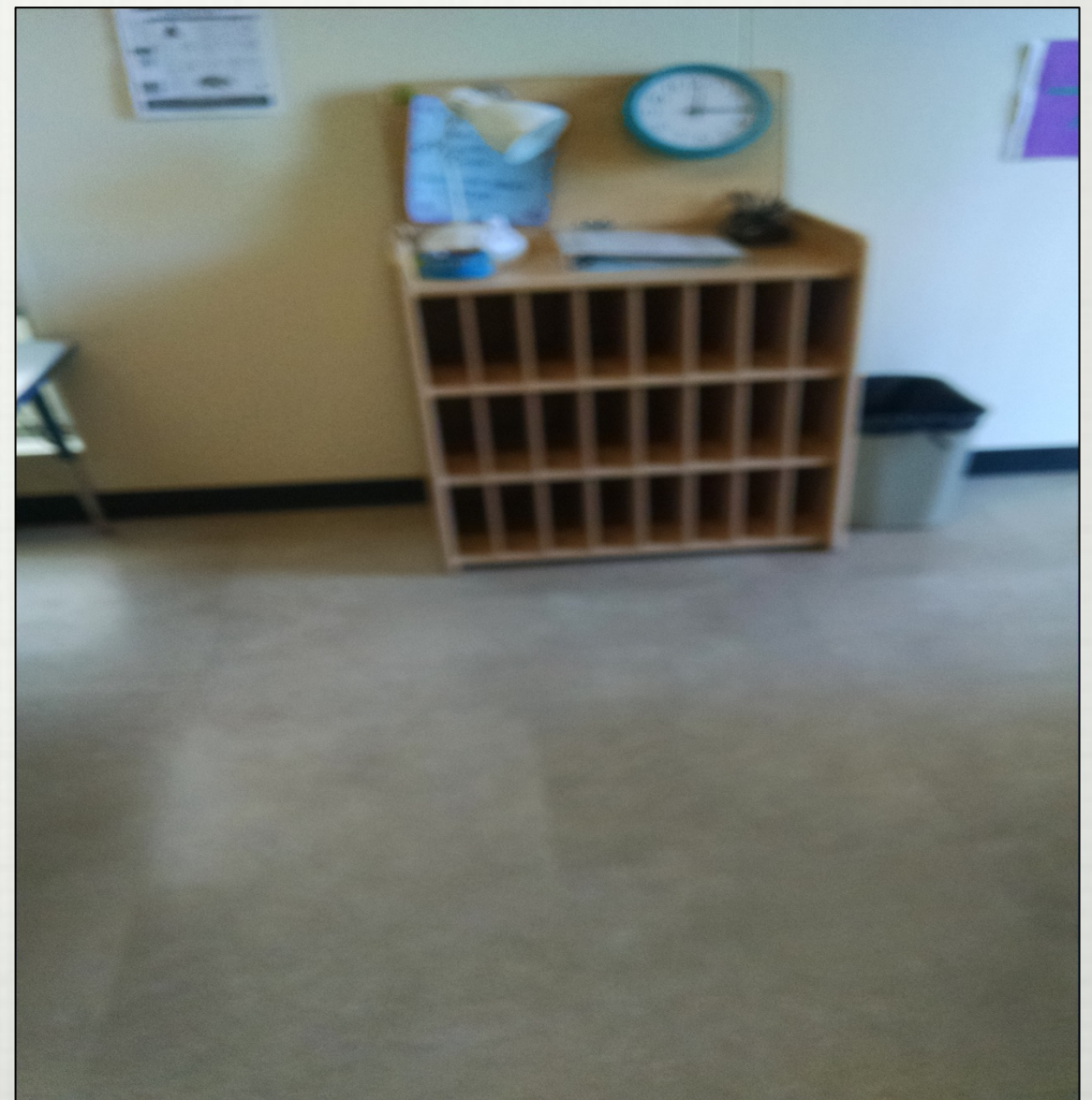
# **SPRING/SUMMER 2015 MAINTENANCE PROJECTS**







# COVILLAUD ELEMENTARY PRESCHOOL REFRESH

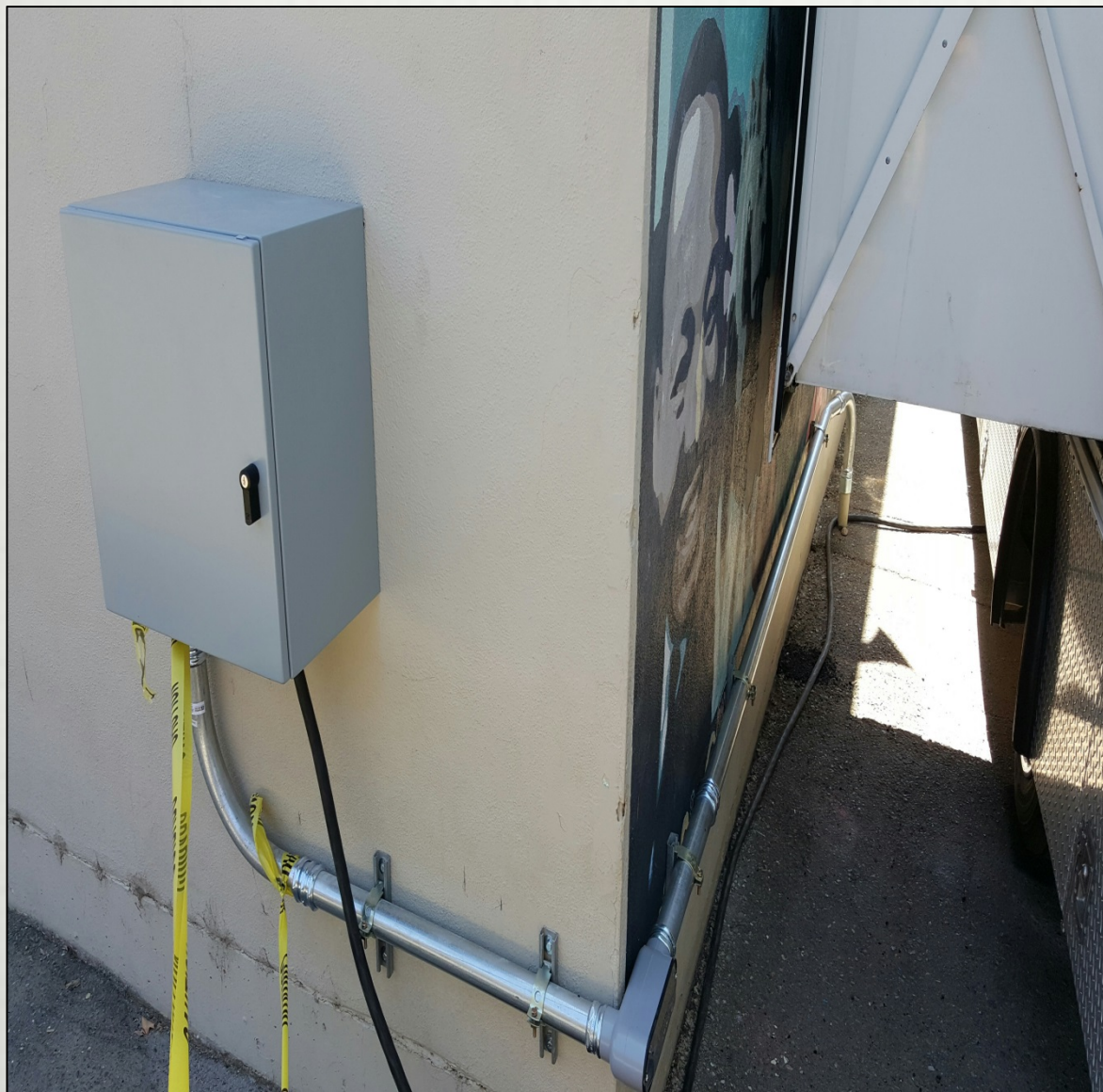


**After**





# ELLA ELEMENTARY SHORELINE POWER



After





# JOHNSON PARK ELEMENTARY ILLUMINATED SIGN



**After**





# LINDA ELEMENTARY OFFICE REFRESH



**After**





# LINDA ELEMENTARY DRAINAGE/TREE WORK



**Before**



**Current**

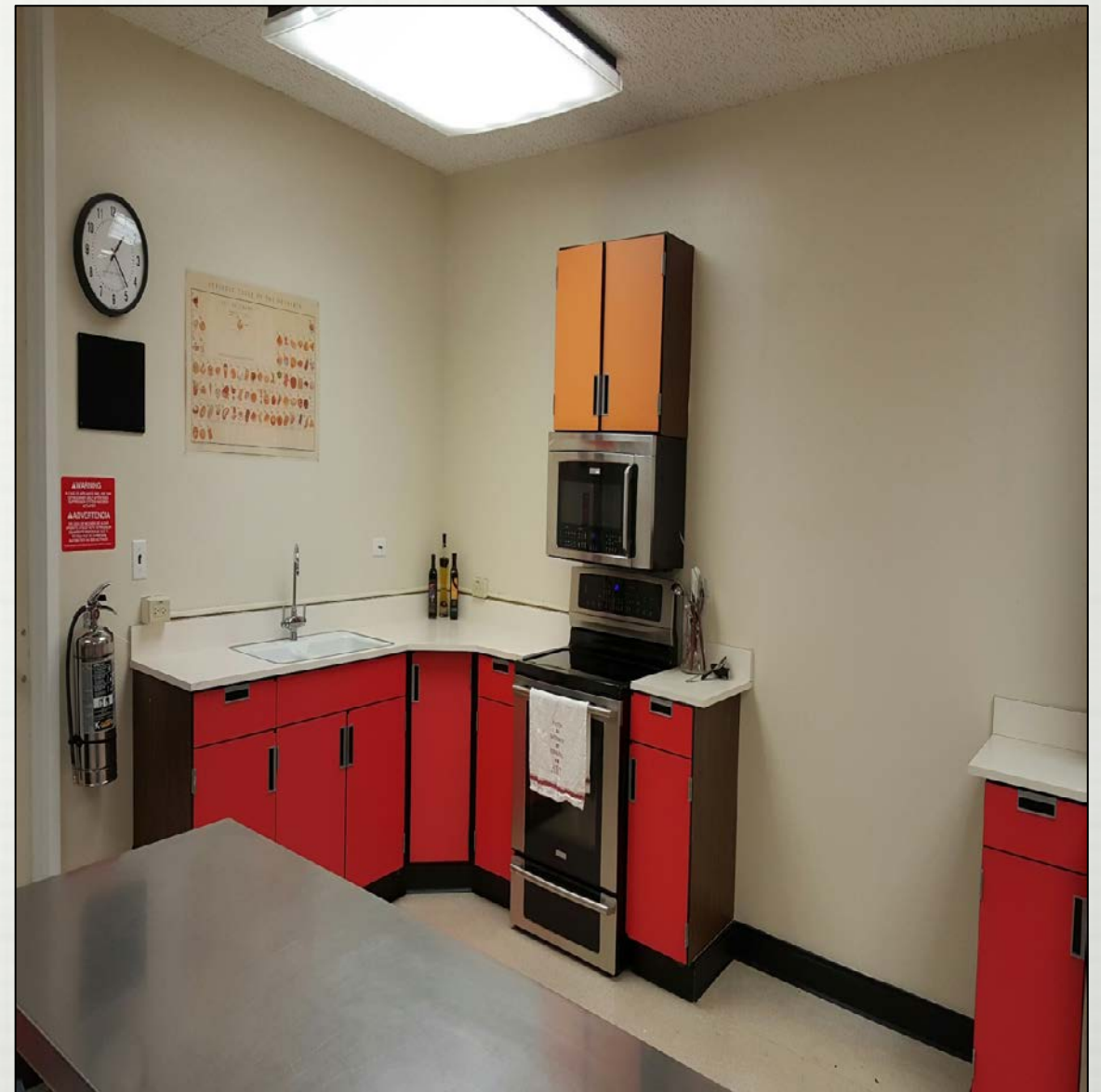




# LINDHURST HIGH CULINARY CLASSROOM



**Before**



**After**





# LINDHURST HIGH FARM IMPROVEMENTS



**After**





# LINDHURST HIGH LOCKERS REMOVED PAINT & FLOORING



**After**





# LINDHURST HIGH VENTILATION "C" BLD./GYM NEW SIDING & PAINT

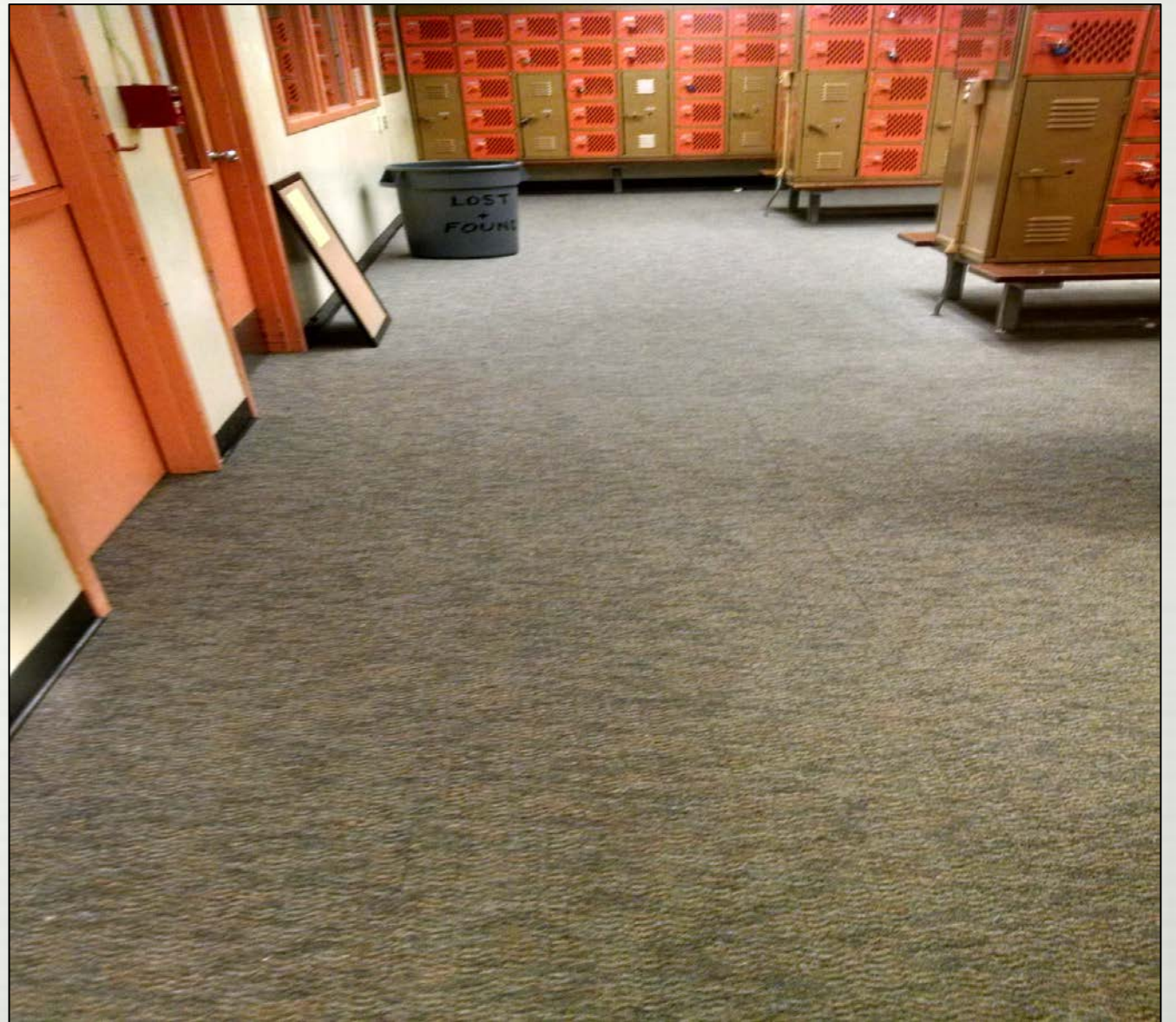


After





# MARYSVILLE HIGH 12" WATER LINE REPAIR & LOCKER ROOM CARPET



Before/After





# MCKENNEY INTERMEDIATE HVAC



**(2) - 24 year old unit replacements – installation managed by M&O staff**

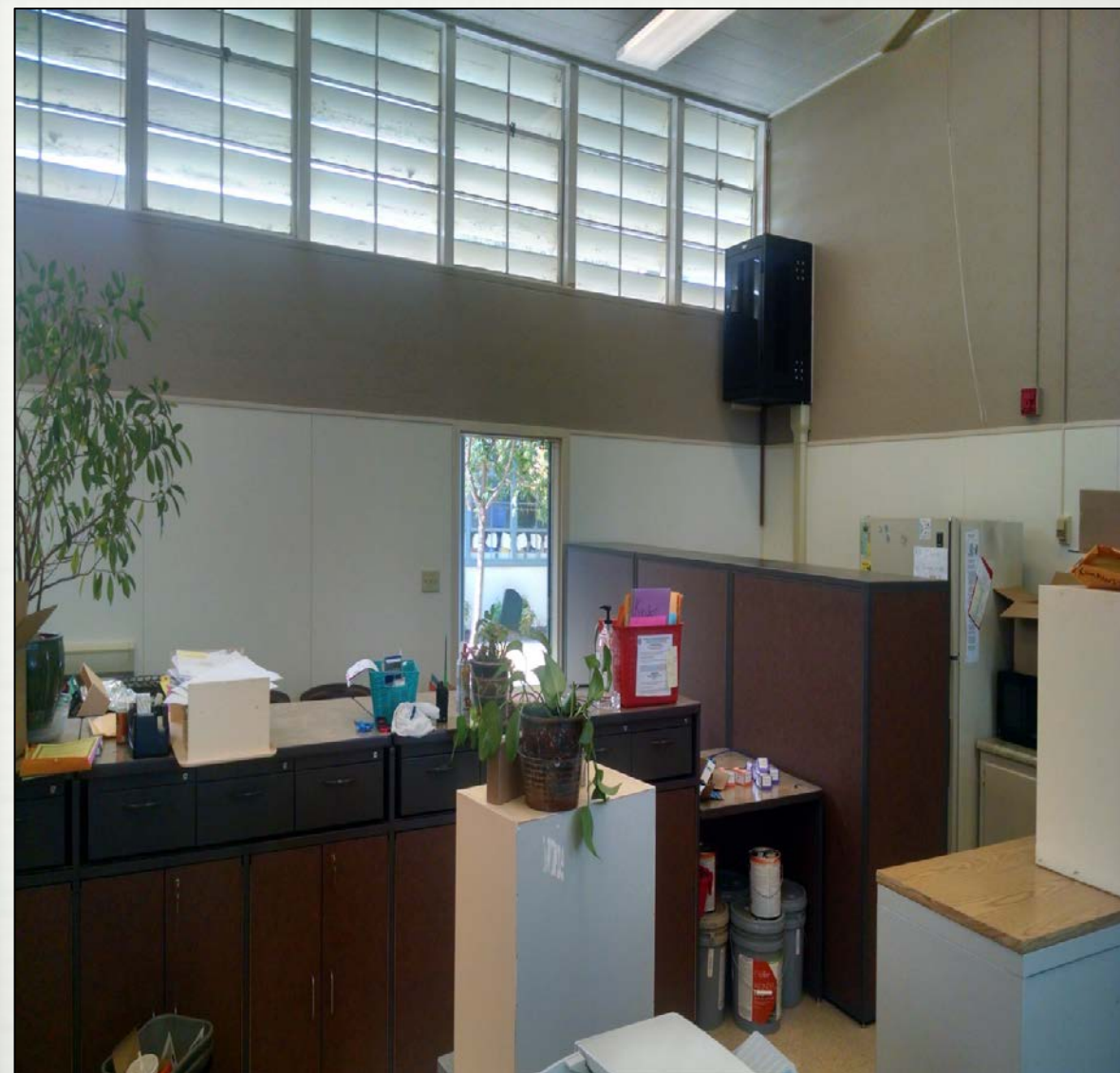




# OLIVEHURST ELEMENTARY OFFICE RELOCATION



**Before**

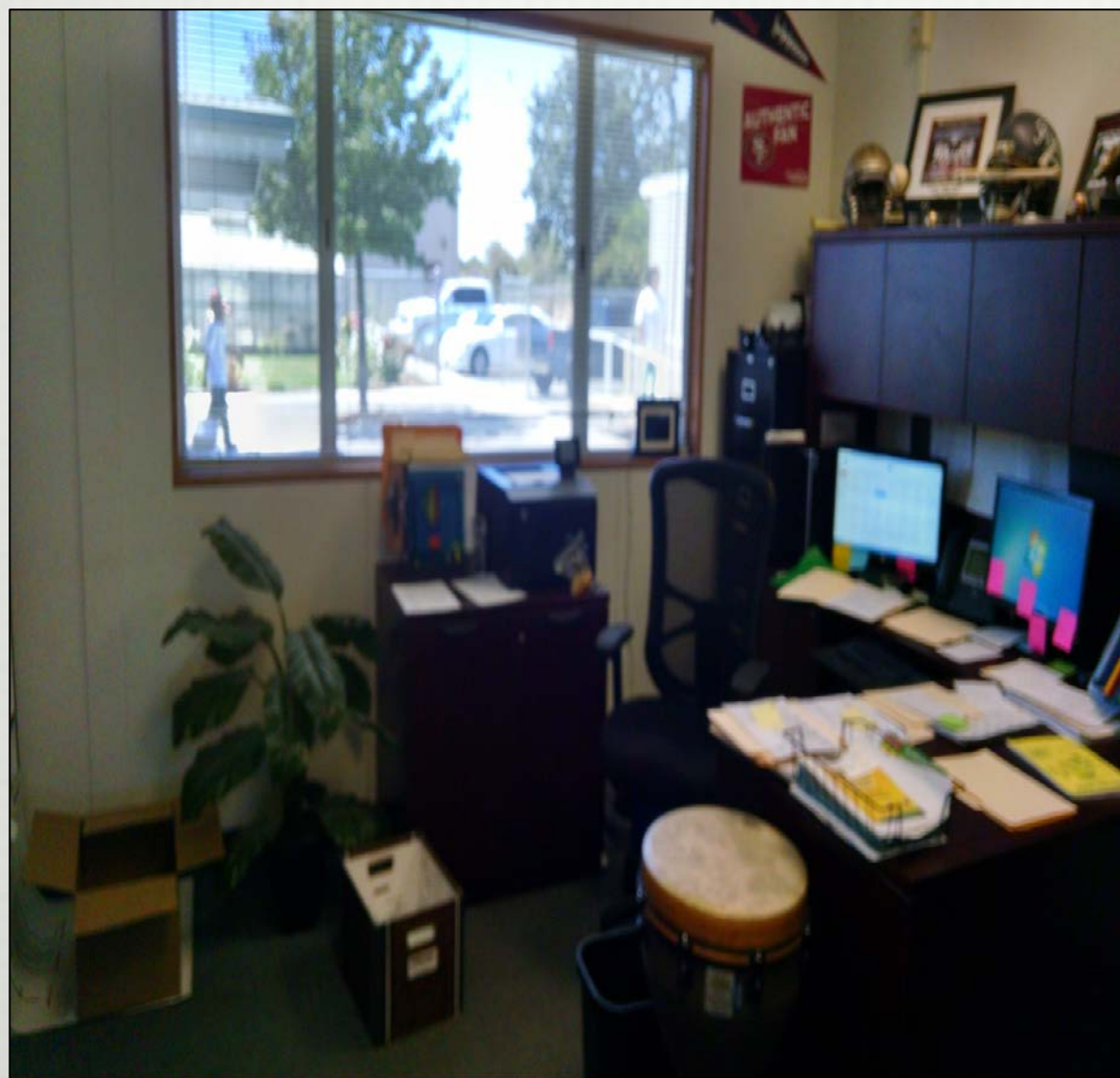


**After**





# **SOUTH LINDHURST NEW OFFICE & COMPUTER LAB**



**After**





# YUBA FEATHER ELEMENTARY SIDING REPLACEMENT



**During**





# YUBA GARDENS INTERMEDIATE PORTABLE DEMOLITION



**Before**





# **YUBA GARDENS PORTABLE DEMOLITION**



**After – exterior siding to be replaced fall 2015 by maintenance staff**



# **MAINTENANCE DEFERRED MAINTENANCE PLAN (DMP) – 2015/2016**







# DMP ITEMS

SCHOOL SITE/DESCRIPTION	FUNDING SOURCE	STATUS	SCOPE/DEPARTMENT	ESTIMATED TOTAL COST (HARD & SOFT COSTS)
Foothill Storm Drain	Deferred Maintenance	Board approved  Completion in November 2015	Locate buried storm drain, jet and clean storm drain system	Not to exceed \$14,500.00
Lindhurst Gym Ventilation	Deferred Maintenance	Underway Fall 2015	Materials and Labor  Maintenance Department Installation	\$8,000.00  (rough estimate until completed)
Lindhurst Interior/Exterior PA Improvements	Deferred Maintenance	Board Approved	Identify/ install home runs/label; Install 2 new amplified speakers on the south facing wall of the gym facing the quad; and Install 2 new amplified exterior speakers outside the south portable classrooms facing the fields; and removal and replacement of the existing interior of west facing portables and install one amplifier; and removal and replacement of the exterior speakers on the west facing portable on campus plus the installation of one amplifying speaker.	Not to exceed \$10,390.00
MHS Kitchen HVAC Replacement	Deferred Maintenance	Scoping: Summer/fall 2015 Design: Winter 2015 Construction: Summer 2016	Remove and replace current HVAC components  Remove and replace current Ansel system	\$145,000.00  Note: Costs are updated as design and approval progresses. Managed by facilities staff





# **FOOTHILL INTERMEDIATE STORM DRAIN CLEANING/JETTING**



**Clogged and filled with mud/clay. Field drain buried.**





# MARYSVILLE HIGH KITCHEN HVAC REPLACEMENT



**REPLACE VENTILATION AND COOLING**

**REPLACE 2 SWAMP/REZNOR HEATERS WITH 5 3.5 TONS HVAC**

**INSTALL MODERN FIRE SUPPRESSION SYSTEM FOR HOOD.**

**ESTIMATED TOTAL COST \$145K**



# NEEDS ASSESSMENT AND DEFERRED MAINTENANCE PLAN (DMP) – **DRAFT**





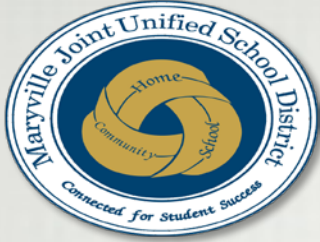


# DMP ITEMS

SCHOOL SITE/DESCRIPTION	FUNDING SOURCE	STATUS	SCOPE/DEPARTMENT	ESTIMATED TOTAL COST (HARD & SOFT COSTS)
Edgewater	Maintenance (14)	Summer 2016	Remove Dirt Mound <b>Purchase Order - Maintenance/Facilities</b>	\$5,000
Install Smart Controllers  (at sites where upgrades have not occurred so far)	Grounds (14)	Spring/Summer 2016 <b>(To Be Bid/RFQ)</b>	Install Smart Controllers/ Components/ Booster Pumps <b>Grounds Dept.</b>	\$75,000
District Wide Tree Trimming	Grounds (14)	Winter/Spring 2015/16 <b>(To Be Bid/RFQ)</b>	Remove Dead Wood, Mistletoe, Fertilize <b>Facilities/Grounds Dept.</b>	\$45,000 (initial estimate only – not to exceed)
MHS Stadium Bleacher Repair/Replacement	Maintenance (14)	Summer 2016	<b>Replace/Re-Fasten Boards Sand/Paint Maintenance Dept.</b>  <b>Facilities Department Replace/Add Concrete Pad/ADA Compliance</b>	<b>Maintenance staff repairs ongoing as needed – man hours and materials</b>  Replacement likely requires DSA review and approval
LHS Softball Bleacher Replacement	Maintenance (14)	Spring 2016	<b>Replace/Re-Fasten Boards Sand/Paint Maintenance Dept.</b>  <b>Replace/Add Concrete Pad/ADA Compliance Facilities Department</b>	<b>Maintenance staff repairs ongoing as needed – man hours and materials</b>  Replacement likely requires DSA review and approval

**Note: Maintenance/grounds have extensive lists of additional items/repairs completed. Too numerous to list here.**

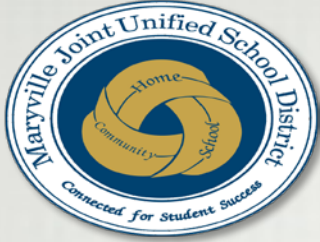




# DMP CONTINUED...

SCHOOL SITE/DESCRIPTION	FUNDING SOURCE	STATUS	SCOPE/DEPARTMENT	ESTIMATED TOTAL COST (HARD & SOFT COSTS)
Kynoch Fire Alarm Panel/ Components Replacement	Maintenance (14)	Design/DSA Needed Construction Summer 2016  (Scoped/approved Winter 2015)	Replacement of Simplex Grinnell Fire Panel and Components (old Section only) DSA likely Facilities	\$63,300 (hard costs only)
McKenney Fire Alarm Component Upgrade	Maintenance (14)	Design/DSA Needed	Replacement of Simplex Grinnell Fire Alarm Components (only) Panel Upgraded Facilities	\$59,830 (hard costs only) DSA likely
Various HVAC/Controls & Lighting Retrofits to LED	Maintenance (14)  Prop 39 (Restricted)	Details are included in the Draft 5 year plan/FMP	Items Are on the Draft 5/10 Year project list MJUSD has approximately 75 HVAC Units that are 25 old or older Freon will not be available Facilities	\$TBD DSA likely  Prop 39 funds - starting with Linda then MHS.
Fencing Replacements/Repair	Maintenance (14)	Bids Received Spring 2014 Bid Fall 2015 Construct Summer 2016	Perimeter along Arboga and D.O.  (over \$15K each so must bid)	\$25,360 Arboga \$33-35,000 D.O.





# DMP CONTINUED...

SCHOOL SITE/DESCRIPTION	FUNDING SOURCE	STATUS	SCOPE/DEPARTMENT	ESTIMATED TOTAL COST (HARD & SOFT COSTS)
Foothill Shade Canopy And Accessibility Compliance	Deferred Maintenance	Early Scoping Stage	Improvements to parking stalls, path of travel, access/ restrooms and playground, ramp with switch backs, grading, compacting, testing, DSA, Inspector, signage, sealing and striping Facilities	To be determined  DSA Likely
Foothill Field Improvements/ Irrigation/Booster Pump/Cistern	Deferred Maintenance	Early Scoping Stage	Mass Grading, CEQA Compliance/Study/Removal and Installation Irrigation/Smart Controls/Electrical/Low Voltage Facilities	To be determined  DSA not Likely
Foothill Playground Improvements	Deferred Maintenance	Early Scoping Stage	Demolition and installation of Asphalt, Tree Removal, sealing striping, grading, sealing, striping, repairs, testing, inspection, DSA and other miscellaneous items Facilities	To be determined  DSA likely





# DMP CONTINUED...

SCHOOL SITE/DESCRIPTION	FUNDING SOURCE	STATUS	SCOPE/DEPARTMENT	ESTIMATED COSTS)
Lindhurst Beautification: Bus Loop Repairs/ADA Path of Travel/Safe Route (Program 8151)	Deferred Maintenance	Early Scoping Stage	Demo, CEQA, grading, compacting, testing and inspection, accessibility, signage  Facilities	To Be Determined  DSA Required
Lindhurst Beautification: Exterior Patching, Repair, Painting	Deferred Maintenance	Early Scoping Stage	Quotes In Progress  Facilities	To Be Determined  DSA Not Likely
Lindhurst Gym Flooring/Bleacher Replacement	Deferred Maintenance	Early Scoping Stage	Removing Flooring and Bleachers and Replace/Accessibility Compliance Facilities	\$1,500,000 DSA Required
Roof on Bus Barn/D.O.	Deferred Maintenance	Early Scoping Stage	Initial Quote Received  Facilities	\$62,000 (hard costs only) No DSA likely unless structural changes

***Note: Maintenance has an extensive list of additional items/repairs completed. Too numerous to list here.***





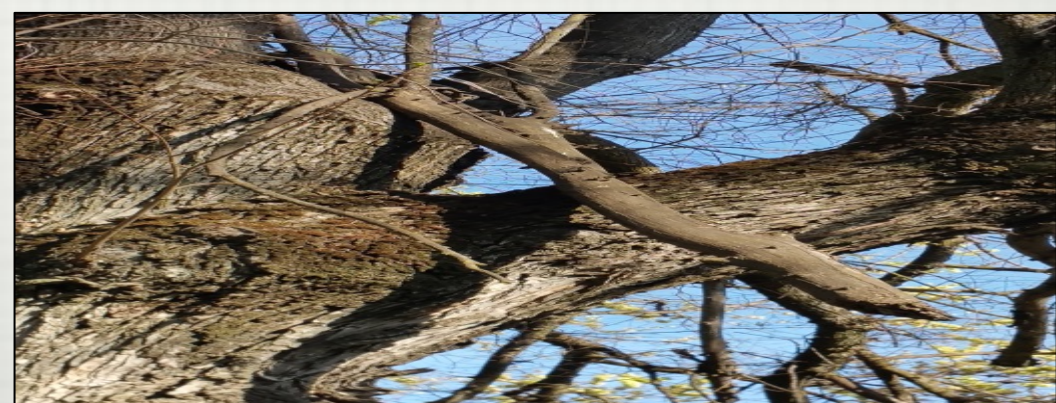
# DISTRICT WIDE TREE TRIMMING/REMOVAL



**D.O. ENTRANCE**



**MHS ENTRANCE – free via PG&E LHS ENTRANCE**



**MHS – NORTH AND SOUTH**



# **PROP 39 (MJUSD AND MCAA) AND ENERGY MANAGEMENT PROGRESS**







# LINDA ELEMENTARY HVAC AND LIGHTING

1. In Design almost ready for Submittal/Bidding
2. Plans and specification currently being reviewed by MJUSD staff
3. CEC/Prop 39 plan to be submitted (LINDA and MHS and other as funding allows up to \$2.2 Million)
4. Funding Follows the submittal of a CEC plan, per year for five years
5. Estimated total Costs (hard and cost) \$254,100.00
6. Scope Includes Lighting Retrofits to LED = Energy Savings/Modernization
7. Use of funds is restricted and will be subject to audits and verification from the state.





# MCAA OVERVIEW

1. Year two and three funds applied for in September – ADA under 1K.
2. Wireless controls (parts and labor \$10,474.65)
3. Prop 39 plan to be submitted to CED/Prop 39 website
4. 18 BARD units to be quoted and replaced
5. Lighting retrofits to LED to be quoted and replaced
  - LED Lighting trial since spring 2015; 34 watt fluorescent lamps to LED 18 watt lamps. Went from three lamps per fixture to two lamps per fixture = energy saving. Cleaner lighting.
6. Funds Restricted and subject to audit and verification by the state.





# ENERGY MANAGEMENT

1. Completed two hours of training over the summer
2. Facilities staff completed “shut downs” over the summer at MCAA, Ella, SLHS, Yuba Gardens, Foothill and MHS.
  - Shut off HVAC, Shut down Computer labs and monitors, turned off lights
3. Early evaluation show saving from baseline – likely from modernization and related upgrades via maintenance and technology departments
4. Ongoing data input from utility bills
5. Testing new LED lamps – will save money while improving lighting





# LOOKING FORWARD

- Programming projects for 2015-16
  - Must address immediate needs
  - One-Time Discretionary dollars HUGE
- Long Range Facilities Master Plan
  - Pre-planning under way
  - Final plan to Board in April/May
  - Plan Features:
    - Annual plan to be updated
    - Needs Assessment
    - Stakeholder Involvement
      - Including Board
      - Goal-based priorities for facility projects
    - Demographic implications
    - Education and Facility Specs
    - Funding needs and options
  - More to come!

