

# **Back to School Report 2017-2018:**

## **Technology/Maintenance, Operations, and Facilities**

**September 12, 2017**

# Technology

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## DataCenter:

- New email server
  - Email now on virtual server
  - Working on upgrade
- Backup
  - Added secondary backup to Cloud solution



*Datacenter September 2017*

## Infrastructure/wiring:

- Replaced all phone and data wiring at Otis and Maya Lin
- Installed new Power Over Internet switches
- Preparation for new wireless systems across the school sites

# Technology

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## Aeries Student Information System:

- Year-end rollover
- End-of-year reporting and certification of Calpads
- Summer school
- Online re-registration with InfoSnap
  - Mostly **email** communication (few hardcopy letters mailed) between AUSD and parents/guardians
  - Free and Reduced meal applications online
  - Online registration and enrollment for all schools
  - Updated AUSD Parent Handbook
  - Updated school websites with enrollment information
- Moved all staff to Aeries.net (online, browser access)

## Data Systems

- Yearly student, staff, and test score loads into:
  - EADMS - Schoolzilla - Mosaic - Destiny (library software, upgraded to version 15) - Blackboard (autodialer) - Schoolloop - Discovery Education - Google
- Upgrade Nutrikids

# Technology

## Phone systems:

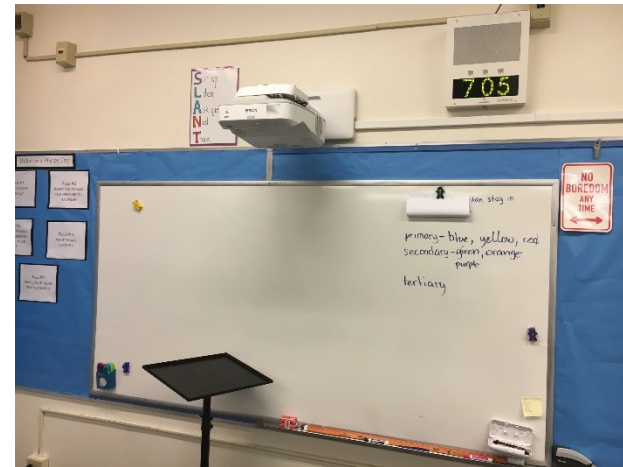
- Implemented new phone systems at Otis, Maya Lin, and District Office
- High quality, flexible clock, bell, and PA system.
- Each classroom has speaker and digital clock which allows for scrolling text
- Integrated 911 and other emergency processes

## Classroom Technology

- Continued rollout of Epson Brightlink interactive projector



*Existing in many classrooms: carts with projector and lots of wires.*



*New Epson interactive projector and digital clock/PA speaker.*

# Technology

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## Computers:

- Continued replacing Dell desktop and laptop computers for teachers and office staff
  - Older and slow computers are being replaced
- Installed Solid State hard drives (SSD)
  - Replace hard disk storage on other computers which will improve startup to less than 1 minute
- Now 6,800 Chromebooks
  - Growing to 7,500 during 2017-18
  - First batch of Chromebooks to be replaced this year
- Upgraded computer labs with latest software updates
- Replaced older computer labs with Chromebook carts

# Technology

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## Software

- Continued upgrading computers to Windows 10
- Office 2016 - Staff and students will receive Office 2016 free of charge for 2017-18 school year
- Adobe Creative Cloud available and installed on all student and staff computers
  - Staff and students will be able to purchase personal subscription for \$9.95 a year

## SuccessMaker

- Upgraded to SuccessMaker version 10
- Prepared SuccessMaker for new school year. Database maintenance and server upgrades

## Video

- Finished editing and posting of internal and external videos created during the 16-17 school year. Graduation ASTI and Island High School. AUSD participation in 4<sup>th</sup> of July parade.
  - All video available through AUSD web site

# Technology

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## **Laserfiche**

- Implemented Accident reporting form
- Working on Field Trip form and HR on-boarding process

## **SharePoint**

- Continued training and usage for internal documents/intranet

## **Parent communication**

- Rollout of Remind for Ruby Bridges
- Use of Constant Contact, Aeries, Blackboard, and other tools for text, email, and phone communication

# Measure I Bond Projects

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- Technology and Communications (Otis & Maya Lin)
- Otis Elementary 6-Classroom Building & Relocation of Existing Portables
- Maya Lin Elementary - Windows/Walls Replacement and Modernization
- Historic Alameda High School - Seismic Mitigation & Modernization
- Edison & Paden Elementary – Construction Documents submitted to DSA (Division of the State Architect)



# Measure I Bond Projects

## Otis Elementary School

- Site work & new 6 classroom building
- New PA system: clocks, speakers, bells
- New gas line
- Relocation of existing portables
- Landscape renovation to perimeter of new building: Installation of sod, decomposed granite, new irrigation system



# Measure I Bond Projects

## Maya Lin Elementary School

- Relocation and modernization of (2) classrooms and the administration office
- Two new toilet rooms
- New windows/exterior wall and facade
- New PA system: clocks, speakers, bells



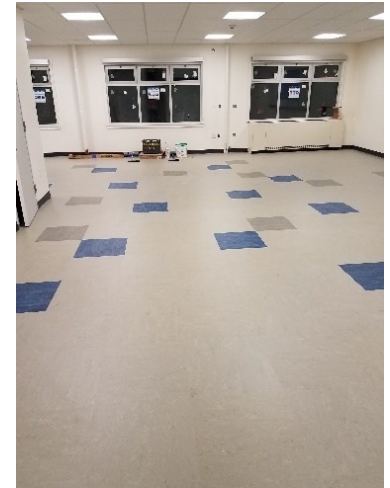
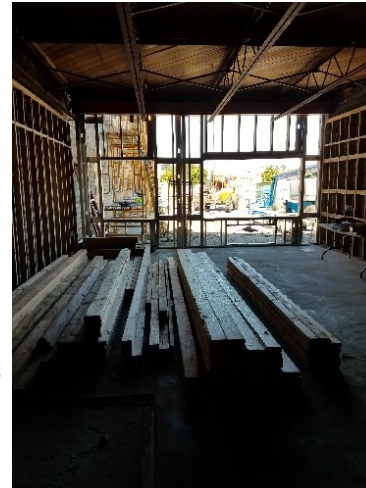
*Left: Main entrance*

*Right: New walls and windows*



*Left: New Admin Office*

*Right: New SPED classroom*





# Measure I Bond Projects

## Maya Lin Elementary School (cont.)



*ADA upgrades required by DSA, Main Entrance*



*District painter, painting classrooms to get ready for the start of school*



*New window openings*



*District custodial cleaning crew*

# Measure I Bond Projects

## Historic Alameda High School

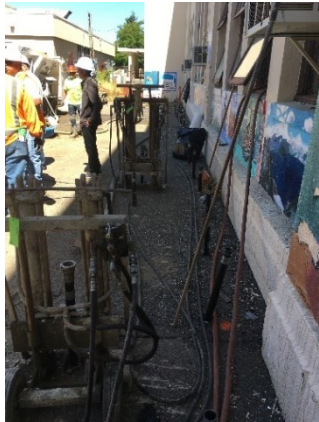
- Seismic rehabilitation and modernization
- Demo and abatement
- Foundation work
- Grout injection & soil stabilization
- Existing concrete testing (required by DSA)



*Soil testing, Exterior*



*Old interior concrete 2<sup>nd</sup> floor removed*



*Grout injection, Exterior*



*Grout injection, Interior*



*Demolished and ready for soil stabilization*





# Summer Projects

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- Over 800 work orders completed within 48 days – various sites
- Prop 39 lighting & control upgrades – various sites (*complete*)
- New storage sheds – Ruby Bridges, Wood Middle School, Encinal, Earhart
- Emma Hood Pool repairs & ladder repair
- Refurbish 6 portables, new flooring, and repairs – Paden, Haight, Earhart (no flooring)
- HVAC – replace air filters & belts – all sites
- Plumbing repairs – various sites
- Boiler annuals maintenance and repairs – various sites
- Electrical – ballast for lights, off plugs, light switches, LED lighting – various schools
- Landscape – weeding, mowing, aerations, tree trimming – various sites
- Playgrounds – replenish wood chips & repairs – various sites
- Door & locks repair – various sites
- Water heater earthquake strapping – various sites
- \$1.5M invested in summer projects

# Summer Projects

## Bay Farm Elementary School

- Dead tree removal
- Perform routine building and grounds maintenance

## Earhart Elementary School

- Performed routine building and grounds maintenance

## Edison Elementary School

- Performed routine building and grounds maintenance
- Plumbing repairs: sinks, drinking fountains, faucets, toilets
- Boiler annual maintenance and repairs

## Franklin Elementary

- Performed routine building and grounds maintenance
- Plumbing repairs: sinks, drinking fountains, faucets, toilets

## Maya Lin Elementary School

- Perform routine building and grounds maintenance
- New above-ground gas line

## Haight Elementary School

- Perform routine building and grounds maintenance
- Remodel 3 portables
- Plumbing repairs: sinks, drinking fountains, faucets, toilets

## Paden Elementary School

- Remodeled 2 portables
- Plumbing repairs: sinks, drinking fountains, faucets, toilets
- Perform routine building and grounds maintenance

## Lum Elementary School

- Perform routine building and grounds maintenance



*Remodeled portable, exterior*



*Remodeled portable with new flooring, interior*



*Boiler annual maintenance & repairs*



*New water heater with earthquake strapping*

# Summer Projects

## Otis Elementary School

- Performed routine building and grounds maintenance
- Plumbing repairs: sinks, drinking fountains, faucets, toilets

## Ruby Bridges Elementary School

- Performed routine building and grounds maintenance

## Lincoln Middle School

- Performed routine building and grounds maintenance

## Wood Middle School

- Performed routine building and grounds maintenance
- Plumbing repairs: sinks, drinking fountains, faucets, toilets

## Encinal High School

- Performed routine building and grounds maintenance
- Plumbing repairs: sinks, drinking fountains, faucets, toilets
- Pool maintenance & repairs
- Pool ladder repair

## Alameda High School

- Emma Hood pool repair
- New dance floor
- Painting/waterproofing staircase block walls in Main Building
- Repair sewer lines in the West Wing
- Plumbing repairs: sinks, drinking fountains, faucets, toilets
- Performed routine building and grounds maintenance

## Woodstock Site

- Performed routine building and grounds maintenance

## Longfellow Site

- Performed routine building and grounds maintenance

## ASTI

- Performed routine building and grounds maintenance



*Top: Waterproofing/painting block walls due to winter rain, Alameda High*



*Top: Emma Hood new steps*



*New dance floor, Alameda High*

# Summer Projects – Moves/Furniture

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- **Installed new office furniture:**
  - Bay Farm, Otis, Paden, ASTI, Franklin, Earhart, Maya Lin
- **Installed new classroom furniture:**
  - Encinal Media/Radio Room, Lincoln-Science, Bay Farm-new 8<sup>th</sup> grade, Maya Lin-new Kindergarten
- **Various Moves:**
  - Conducted 102 classroom moves at 11 sites
  - Vacated Lum School and moved furniture, curriculum, and personal belongings to 10 sites
  - Redistributed excess furniture to sites expressing need
  - Moved entire Maya Lin staff out of/back into classrooms and offices
  - Moved Otis staff into new building and conducted various onsite moves
- **Food Service Warehouse:** Reorganized & cleaned up



# Summer Projects – Compliance

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- **Alameda Fire Department:** Completed annual fire extinguisher inspection and service.
- **Alameda County Environmental Health:** Completed annual hazardous material report.
- **Department of Motor Vehicles:** Submitted annual fleet certification.
- **Department of Industrial Relations:** Completed annual elevator load test.
- **Department of General Services:** Completed annual Facility Inspection Tool requirement.
- **Department of General Services:** Completed annual mandatory safety trainings for custodians and maintenance crew.
- **East Bay Municipal Utility District:** Completed annual backflow tests.
- **Federal Communications Commission:** Renewed bandwidth licenses.
- **Geotechnical Liquefaction Soil Testing** – Required at various sites.

# Summer Projects – Custodial

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**Custodial deep cleaning was coordinated by Custodial Operations Lead for all K-12 sites and District Office to include the following:**

- Cleaned all classrooms, lounges, office desks, tables, and chairs
- Dusted all rooms high and low including window blinds
- Washed all windows inside and outside
- Cleaned all white boards, counters, HVAC units, doors, and sinks
- Deep cleaned all restroom and locker room walls, partitions, fixtures, and floors
- Deep cleaned all kitchen and cafeteria walls, fixtures, doors, and floors
- Deep cleaned all gyms and multipurpose room walls, fixtures, doors, and floors
- Changed all lights and HVAC filters
- Cleaned out all lockers
- Cleaned all sidewalks and entries, removed gum, and hosed concrete
- Cleaned Charter and Adult School MPR
- Cleaned all boiler and custodial rooms
- Ordered all supplies for all sites
- Cleaned and organized food warehouse
- Moved furniture at all sites
- Stripped and wax floors at all sites
- Cleaned carpets at all sites
- Assisted with organization of classrooms for teachers
- Moved all special education & gen. ed mail boxes to sites
- Clean out project at EHS stage and dressing rooms
- Assisted contractors at Maya Lin to open on time
- Cleaned up after summer schools, AEF, Camp Edmo, BACR, teachers professional development