



ORANGE UNIFIED SCHOOL DISTRICT

Measure S Bond Program

March 2018 Monthly Progress Report



PERIOD COVERED:

March 1-31, 2018

FISCAL YEAR

FY 2017-2018

PROGRESS REPORT NO.

PR-009-1718-009

PREPARED BY:

CUMMING
Building Value Through Expertise



TABLE OF CONTENTS

- 1.0 Executive Summary**
 - 1.1 Program Summary
 - 1.2 Program Highlights/Key Milestones
 - 1.3 Look Ahead (next 90 days)
- 2.0 Project Status Report**
- 3.0 Financial Report**
- 4.0 Program Schedule**



1.0 SUMMARY

1.1 Program Summary

The design phase is fast approaching its finish line and Measure S construction is scheduled to begin this summer! The Science Center designs are 99% complete for the Orange HS, El Modena HS and Villa Park HS and have each been submitted to the Division of the State Architect (DSA) for their review. DSA approval is anticipated in June for Orange HS, August for El Modena HS, and in November for Villa Park HS. The Canyon HS design is approximately 85% complete and is scheduled to be submitted to DSA next month, in May 2018. DSA has already approved the Site Infrastructure Project at Orange HS and the Interim Housing & Site Infrastructure Project Villa Park HS. All Measure S Monthly Reports, Project Designs and Board Presentations are available for your review at the Bond Website, <https://www.orangeusd.org/measure-s>

1.2 Program Highlights/Key Milestones

March 8 Board Approved Items

- California Environmental Quality Act (CEQA) Categorical Exemption at Orange HS
- California Environmental Quality Act (CEQA) Categorical Exemption at El Modena HS
- Additional Architectural Design Services to Modify Restroom per Accessibility Requirements at Orange HS
- Notice of Completion for Portable Building Demolition at Orange HS
- Support for the Apportionment of Funding for the State's School Facilities Program
- Annual Report of the Citizens' Oversight Committee (Information Item)

March 22 Board Approved Items

- Purchase Owner Furnished Contractor Installed (OFCI) Electrical Switchgear for Orange High School using CMAS Agreement
- Additional Architectural Design Services by HED to Modify Baseball Field at El Modena HS
- Additional Architectural Design Services by LPA for Site Traffic Analysis at Villa Park HS

Start of Construction for Canyon HS

- The 100% Construction Documents are scheduled to be submitted to DSA on May 21, 2018 and DSA's approval is anticipated in December 2018. Construction is scheduled to start in May 2019 and includes all construction (Food Services, Site Infrastructure Upgrades and the STEM Building). For details, please see Canyon HS, below.
- The Architect and Construction Manager have revised the original plan for 3 Design Packages into 1 Design Package with the Temporary Kitchen to be completed with the STEM Building and site infrastructure. This revision is estimated to save the District approximately \$1 million because interim housing needs would be reduced significantly, thereby reducing the project cost.



Start of Construction for El Modena HS

- The 100% Construction Documents were submitted to DSA on March 30, 2018 and DSA's approval is anticipated in August 2018. Construction is scheduled to start in November 2019 (for details please see El Modena HS below).

Start of Construction for Villa Park HS

- The 100% Construction Documents were submitted to DSA on March 9, 2018 and DSA's approval is anticipated in August 2018. Construction is scheduled to start in November 2019 (for details please see Villa Park HS below).
- On 3/26, the District issued the Notice to Proceed for the Site Traffic Analysis at Villa Park HS for submittal to the District on 4/16. The Traffic Analysis is required for compliance with the California Environmental Quality Act (CEQA) will review the existence of possible traffic and parking impacts that could result from construction of the STEM Building.
- Since CEQA compliance is anticipated this summer, the construction of the Interim Housing & Site Infrastructure will be combined with the construction of the STEM Building for additional cost savings and productivity.

Start of Construction for Orange HS

- The 100% Construction Documents for the Site Infrastructure Upgrade Project, including Site Infrastructure Upgrades, Move of Relocatable Buildings, Bus Drop-Off and Restroom Renovation were approved by DSA on March 1, 2018 and construction is scheduled to start and be completed for the Site Infrastructure Upgrade Project during Summer Break 2018 as per the following sequence of work:
 - June 15th – Start Site Infrastructure Upgrades, Move of Relocatable Buildings, Bus Drop-Off and Restroom Renovation
 - June 15th – Start Satellite Kitchen Building, if approved by DSA by 4/10
 - August 15th – Complete Relocatable Move, Infrastructure Upgrades, Bus Drop-Off and Restroom Renovation
 - Summer 2018 – DSA approval anticipated for the STEM Building. The 100% Construction Documents for the STEM Building were submitted to DSA on January 24, 2018.
 - Late Summer 2018 – Paint, Carpet & Replace Ceiling Tile in Relocatable Buildings (by District)
 - Winter Break 2018 – Demolish Old Snack Bar Building
 - Late 2018/Early 2019 – Start Construction of STEM Building
- The Program Manager is preparing an agenda item for advancement to the May 24th Board of Education Meeting for the Orange HS Site Infrastructure Upgrade Project to approve the award of the construction contract.
- On 3/1, DSA approved the 100% Construction Documents to DSA for Increment 1, Site Infrastructure Upgrades.
- On 2/20, the 100% Construction Documents for the Satellite Food Service Building were submitted to DSA. DSA approval is expected in mid-April 2018.



Project Billboards

- On 3/27 and 3/28, Measure S Billboards were installed at each High School.

Program Management Plan (PMP)

- On 3/30, the Program Manager issued the Final Draft of the PMP to the Construction Managers. The Construction Managers are preparing their Construction Management Plans for each of their respective projects to include within the PMP by 4/30.
- On 3/7, the Program Manager issued the Final Draft of the PMP to the District.
- On 3/2, the District and Program Manager reviewed the status of the PMP and the Program Manager is scheduled to issue the final Draft on March 9th.
- On 2/14, the District issued comments on the 95%, 90% and 75% Draft PMPs, issued respectively by the Program Manager on 2/7, 1/31 and 1/18.
- The purpose of the PMP is to:
 - Define all procedural matters relating to the design, procurement and construction of the projects for the District's Measure S Program; and
 - Provide written procedures and systems for quality control purposes for use by all Measure S Consultants and/or Contractors.

Owner Furnished Contractor Installed (OFCI) Electrical Switchgear

- On 3/28, the 1st Advertisement was published for the Site Infrastructure Upgrades, Move of Relocatable Buildings, Bus Drop-Off and Restroom Renovation Project (Increment #1). The 2nd Advertisement is scheduled to be published on 4/4 and the Non-Mandatory Job Walk is scheduled for 4/5.
- On 3/22, the Board approved the procurement of the Electrical Switchgear by use of a California Multiple Award Schedules (CMAS) contract for the OFCI Electrical Switchgear for Orange HS.
- On 2/23, the Program Manager had received quotes from 2 different vendors for the OFCI Electrical Switchgear for Orange HS.
- On 2/7, the Program Manager finalized the scope of work and issued the Request for Quote to 2 different vendors for the purchase of the OFCI Electrical Switchgear for Orange HS by a California Multiple Award Schedules (CMAS) contract.

Program Wide Owner's Controlled Insurance Program (OCIP) Services

- On 3/27, the District advanced an item to award an OCIP services agreement to the 4/12 Board Agenda for the Board's review and approval.
- On 3/14, the Program Manager issued a recommendation to award for consideration by the District.
- On 1/31, three OCIP providers responded to the District's Request for Proposal (RFP)
- On 1/22, the District issued the RFP to three OCIP providers (ASCIP, Alliant Insurance Services and Keenan), with a 1/31 deadline for submittal of proposals.



Program Wide California Environmental Quality Act (CEQA) Consultant Services

- On 3/26, the District issued the Notice to Proceed for the Site Traffic Analysis at Villa Park HS for submittal to the District on 4/16. The Traffic Analysis will review the existence of possible traffic impacts from the STEM Building.
- On 3/22, the Board approved the award of the Site Traffic Analysis at Villa Park HS by LPA as Additional Architectural Design Services.
- The District's CEQA Consultants (PlaceWorks & Environmental Audit) are preparing CEQA compliance reports as follows:
 - Canyon HS – Mitigated Negative Declaration (to be confirmed)
 - Villa Park HS – To be Determined (as per the Traffic Study findings)
- On 3/9, the Architect's Traffic Engineer submitted a revised proposal to complete an additional Traffic Study as per the 2/22 meeting with the City of Villa Park.
- On 3/8, the Board approved Categorical Exemptions for El Modena HS and Orange HS.
- On 3/4, the Architect's Traffic Engineer submitted a proposal to complete an additional Traffic Study as per the 2/22 meeting with the City of Villa Park.
- On 3/1, the District met with the associated Native American Tribe for Canyon HS and Villa Park HS, per Assembly Bill 52 as required by CEQA. The associated Native American Tribe for both Canyon HS and Villa Park HS is the Gabrieleno Band of Mission Indians – Kizh Nation and it is anticipated that on-site monitoring will be required during ground disturbance activities, at minimum.
- On 2/22, The District, Architect and Construction Manager reviewed the project with the City of Villa Park. Traffic on Taft Avenue remains the area of biggest concern. The Architect's Traffic Engineer is preparing a proposal for additional traffic analysis for the District's review and consideration.
- **Possible CEQA Compliance Options**
 - Categorical Exemption – If a site-specific school project does not increase original student capacity by 25% or 10 classrooms, whichever is less, then a CEQA Class 14 Exemption may be applicable for that school.
 - Negative Declaration – If no significant impacts have been identified for the proposed project.
 - Mitigated Negative Declaration – Identifies mitigation measures if minor impacts that are less than significant can be mitigated to less than significant for the proposed project.
 - Environmental Impact Report – If significant impacts have been identified for the proposed project
 - NOTE: Except for Categorical Exemptions, the District may not release or certify CEQA documents until consultation with all associated Native American Tribe(s) has been initiated and concluded in accordance with Assembly Bill 52.



Program Wide DSA Inspection Services

- On 3/28, the Program Manager received a total of 23 Inspector resumes for the Villa Park HS Interim Housing & Site Infrastructure Upgrade Project and the El Modena HS Science Center Project. These resumes have been reviewed and shortlisted for interviews.
- On 3/16, the District issued an RFQ to the Bench Consultants for the Villa Park HS Interim Housing & Site Infrastructure Upgrade Project and the El Modena HS Science Center Project.
- On 3/14, the District issued the contract for DSA Inspection Services for the Orange HS Site Infrastructure Upgrade Project.
- On 3/8, face-to-face interviews were conducted with prospective DSA Inspectors for the Orange HS Site Infrastructure Upgrade Project.
- On 3/1, the District scheduled interviews with the shortlisted individuals for the Orange HS Site Infrastructure Upgrade Project.
- On 2/15, a total of 17 Resumes were received for the Orange HS Site Infrastructure Upgrade Project.
- On 2/1, an RFP was issued to the Bench Consultants for the Orange Site Infrastructure Upgrade Project; their proposal deadline is 2/15.
- On 1/18, the District's Board of Education approved the award of "bench" contracts to the following DSA Inspection services firms:
 - Inspection Service of California, Inc., dba BPI Inspection Service
 - Knowland Construction Services
 - Sandy Pringle Associates Inspection Consultants
 - Stephen Payte DSA Inspections, Inc.
 - TYR, Inc.
 - Vital Inspection Services Inc.

Program Wide Environmental & Hazardous Materials Consultant Services

- The District is preparing to issue a contract to complete Hazardous Materials Testing & Inspection for the Orange HS Site Infrastructure Upgrade Project.
- The Villa Park HS Construction Manager is preparing the Hazardous Materials Testing & Inspection scope of work for the Program Manager to include with the RFP for the Bench Consultants.
- On 1/18, the District's Board of Education approved the award of "bench" contracts to the following Environmental & Hazardous Materials services firms:
 - A-Tech Consulting, Inc.
 - Bainbridge Environmental Consultants
 - Environmental Network Corporation, dba ENCORP
 - Group Delta
 - Ninyo & Moore Geotechnical & Environmental Sciences Consultants
 - Vista Environmental Consulting, Inc.



Program Wide DSA Construction Material Testing & Geo-Technical Services

- On 3/30, the Program Manager received a total of 4 proposals from the Bench Materials Testing Labs for the El Modena HS and Villa Park HS Science Center Projects and are under review to recommend award.
- On 3/16, the District issued an RFQ to the Bench Consultants for the El Modena HS and Villa Park HS Science Center Projects.
- The RFQ to the Bench Consultants for the Villa Park HS Project will be issued when the required CEQA scope has been defined.
- On 2/8, an RFP was issued to the Bench Consultants for the Orange HS Infrastructure Upgrade Project.
- On 1/18, the District's Board of Education approved the award of "bench" contracts to the following DSA Construction Material Testing & Geo-Technical services firms:
 - American Engineering Laboratories, Inc.
 - Koury Engineering & Testing, Inc.
 - Ninyo & Moore Geotechnical & Environmental Sciences Consultants
 - Smith-Emery Laboratories
 - United Testing Corporation, dba United-Heider Inspection Group

Citizens' Oversight Committee (COC)

- On 3/8, the COC Annual Report was presented to the Board of Education and public. The next COC meeting is scheduled for April 25th.
- On 2/5, COC Meeting #4 was completed with the review and acceptance of the reconciliation report between the Measure S Audit for FY 2016/17 prepared by Christy White and Associates and the Program Budget through 12/31/17. The COC also reviewed and accepted the draft annual report prepared by the District and Program Manager with comments to be incorporated.
- On 1/24, COC Meeting #3 was completed and included a review of the FY 2016/17 Financial Audit. The District and Program Manager presented the Program Budget Summary (Budget vs. Actuals – Program Detail, By Budget Category) through 12/31/17, Updated Measure S Program Highlights and the December 2017 Report, including the Program Schedule and Cash Flow Projection.
- On 9/6, COC Meeting #2 was completed and the District and Program Manager updated the COC on program progress. The District and Program Manager presented the Measure S Program Highlights, the Preliminary Project Schedule, the Cash Flow Projects and the Draft August 2017 Report.
- COC Meeting #1 was completed on 5/24/17.
- COC Meeting agendas, meeting minutes, reports, and additional information can be found at <https://www.orangeusd.org/measure-s/citizens-oversight-committee>



Program Wide Commissioning Services

- On 3/13, the District and Program Manager approved the Owner's Project Requirements (OPR) for El Modena HS, Villa Park HS and Canyon HS. The OPR for Orange HS was approved on 2/1.
- On 3/8, the Program Manager issued the OPRs for El Modena HS, Villa Park HS and Canyon HS for review and approval by the District.
- On 3/1 and 2/26 respectively, the Villa Park HS and Canyon HS Architects replied to Commissioning Agent's OPR Questionnaire.
- On 2/1, the Program Manager responded to the Commissioning Agent's comments on the Orange HS Basis of Design and Commissioning Specifications. The Program Manager also approved the OPR for Orange HS in accordance with the District's review.

Program Wide Low Voltage & Security System

- On 3/2, the District initiated a Summer 2018 project to install security systems at a total of six (6) sites (4 High Schools and 2 Middle Schools). The project will be administered by the District's Maintenance & Operations Dept and the new STEM Buildings will be integrated into the security systems at each High School.
- On 2/23, the Program Manager reviewed the Standard Specifications for the Low Voltage and Security Systems with the District IT Department.
- On 2/2, the Architect submitted the Standard Specifications for the Low Voltage and Security Systems.
- A Request for Proposal will be issued to approve the award of Program Wide Low Voltage and Security System Design Services Consultant agreement is anticipated for the April 12th Board of Education Meeting.

Contractor Pre-Qualification

- The District continues review and scoring of Contractor Pre-Qualification Applications. The deadline for submittal of Pre-Qualification Applications to participate in the bid of Orange HS Site Infrastructure project is 4/18.
- On 2/21, the District had received and started the review of pre-qualification applications from 10 General Contractors and 6 Mechanical, Electrical or Plumbing Subcontractors.
- On 2/9, the Contractor Pre-Qualification Application was made accessible from the District's Measure S Website.
- On 1/24, the District issued the first advertisement of the Pre-qualification Application for submittal by General Contractors and Mechanical, Electrical and Plumbing Subcontractors.
- On 1/18, the District's Board of Education approved the Resolution Adopting the Prequalification Process for General Contractors and Mechanical, Electrical and Plumbing Subcontractors.



Program Wide Standard Specifications

- On 3/2, the District and Program Manager met to review the front-end specification sections and determined that the sections for Divisions 00 (General Conditions) and 01 (General Requirements) were complete.
- The specifications for each project will include contract specific Supplementary Conditions, Summary of the Work, Phasing of the Work, Bid Items and incorporate comments by the Architects and Construction Managers.
- The final technical standard specifications have been completed.

Communications Plan Outline

- On 3/9, the Program Manager issued the Draft Communications Plan Outline.
- On 1/24, the District & Program Manager reviewed the approach for completion of the Communications Plan, which will also include a Business Outreach Plan to interest contractors in the Measure S Bond projects.
- The District and the Program Manager will coordinate services to ensure that redundancy does not occur with the communications management services to be provided by Communications Lab for the Measure S Program.

1.3 Look Ahead (next month)

- Advance April 12th Board Agenda Items
- Revise VPHS Schedule as per CEQA (combine into 1 project)
- Recommend Current Escalation Rates
- Re-Baseline Schedules (Complete by 5/10)
- Re-Baseline Budgets per Construction Estimates based upon 50% Construction Documents (Complete by 5/10)
- Re-Baseline Budgets per Construction Estimates based upon 100% Construction Documents
- Define Agenda for All Hands Meeting on 4/24
- Coordinate Procore Training for Architects on 4/24 (Training Scheduled for 4/24 at 10:30am)
- Respond to Pre-Bid Questions for Orange HS Site Infrastructure Project
- Advance April 12th Board Agenda Items
- Revise VPHS Schedule as per CEQA (Combine into 1 project for March 2018 Monthly Report)
- Schedule CM Deliverable Deadlines (i.e. Construction Management Plan, Site Logistics Plan, Risk Management Plan & Reports)
- Prepare for April 25th COC Meeting (Respond to COC Questions)
- Update Bond Sales Schedule
- Manage CEQA Services for Canyon HS & Villa Park HS (by District)
- Execute CMAS Contract for OFCI Electrical Switchgear for Orange HS
- Manage Design progress, per the following schedule (All other projects are under review by DSA):
 - May 2018 - DSA Submittal of the Canyon HS STEM Building
- Continue Review of Contractor Pre-Qualification Applications



- **Board Agenda Items Look Ahead**

- **April 12 Tentative**

- Approval to Award Owner Controlled Insurance Program (OCIP) Services Agreement
 - General Obligation Bond Market Update (Information Item)

- **May 10 Tentative**

- California Environmental Quality Act (CEQA) Negative Declaration / Mitigated Negative Declaration at Canyon HS
 - Measure S Bond Program Update (Information Item)
 - Program Schedule Update
 - Program Cost Estimate & Budget Update

- **May 24 Tentative**

- Award Construction Contract for the Site Infrastructure Upgrade Project at Orange HS
 - Measure S Bond Program Update (Information Item)

- **June 7 Tentative**

- California Environmental Quality Act (CEQA) Negative Declaration / Mitigated Negative Declaration at Villa Park HS
 - Measure S Bond Program Update (Information Item)



2.0 PROJECT STATUS REPORT



Canyon High School
New STEM Building

CANYON HIGH SCHOOL



EL MODENA SCIENCE CENTER

Overall View

HED



Orange High School Science Center





CANYON HS SCIENCE CENTER

- | | |
|--|--|
| <ul style="list-style-type: none">• 12 Laboratory Rooms• 12 General Classrooms• Student Services• New Food Services | <ul style="list-style-type: none">• New Multi-Purpose Room Entry• Parking Lot Improvements• Infrastructure Upgrade and Improvements• Landscape Improvements |
|--|--|

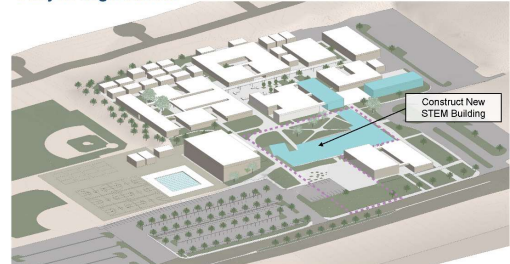
Project Update:

- (3/30) – The Architect continues preparation of the 100% Construction Documents. DSA submittal is anticipated in May 2018.
- (2/15) – The Architect completed the Design Development Presentation to the Board of Education and the public at the Feb 15th Board Meeting.
- (2/1) – The Construction Manager has completed the constructability review and cost estimate for the 100% Design Development Package, which shows that the project remains on budget.
- (12/22) – The Architect has completed the Design Development phase and submitted the 100% Design Development Package to the District.
- (12/22) – The Design Team has restructured the Construction Bid Packages to include the relocation of Food Services into a temporary building rather than moving administration to a temporary building. This restructuring will reduce the cost by \$1M since Interim Housing will no longer be necessary for administration, who will remain in their current location until after completion of the STEM Building.

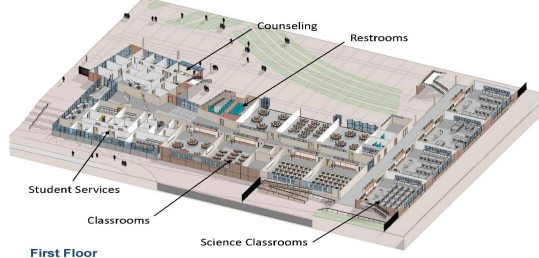
Canyon High School
New STEM Building



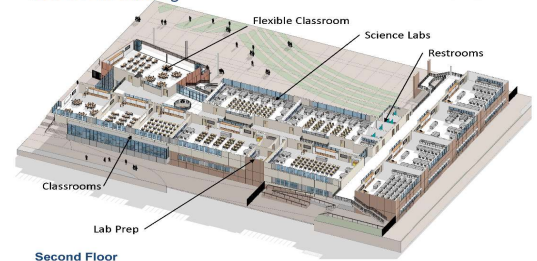
Canyon High School



Canyon High School
New STEM Building



Canyon High School
New STEM Building



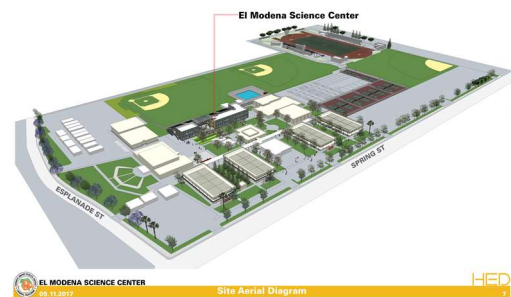


EL MODENA HS SCIENCE CENTER

- | | |
|---|--|
| <ul style="list-style-type: none"> • 12 Laboratory Rooms • 1 General Classrooms • 2 Medically Fragile Classrooms | <ul style="list-style-type: none"> • Relocation of Campus MDF • Technology & Utility Upgrade • Landscape Improvements |
|---|--|

Project Update:

- (3/30) – The Architect submitted the 100% Construction Documents to DSA. DSA approval is anticipated by August 31, 2018.
- (2/23) – The Construction Manager has completed the constructability review and cost estimate for the 100% Design Development Package, which shows that the project remains on budget.
- (2/9) – The District issued comments on the DSA Application (DSA Form 1) for submittal of the 100% Construction Documents to DSA.
- (1/26) – The Architect has submitted the 95% Construction Documents to the District for review and comment. The DSA submittal date is estimated at 3/6/18.
- (1/18) – The Architect completed the Design Development Presentation to the Board of Education and the public during the Jan 18th Board Meeting.
- (12/8) – The Architect submitted the 50% Construction Document package to the District on 12/8.
- (11/3) – The Design Development Presentation by the Architect to the Board and the public is scheduled for the Jan 18th Board Meeting.





ORANGE HS SCIENCE CENTER

- | | |
|---|--|
| <ul style="list-style-type: none"> • 12 Laboratory Rooms • 1 General Classrooms • 2 Medically Fragile Classrooms | <ul style="list-style-type: none"> • New Panther Pavilion Plaza • Relocation (5) and Demolition (4) of portable classroom buildings • Site Utility & Infrastructure Upgrade |
|---|--|

Project Update:

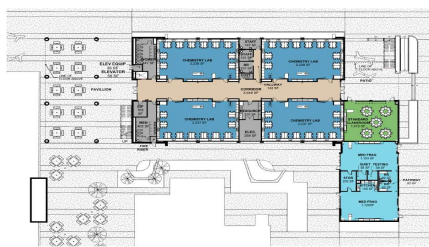
- (3/30) – DSA review continues for the STEM Building. DSA's Fire & Life Safety comments were received on March 9, 2018 and it is anticipated that DSA's Accessibility and Structural comments will be received in early April. DSA approval is anticipated in June 2018.
- DSA review continues for the STEM Building and DSA approval is anticipated by November 2018. DSA approval is anticipated by August 31, 2018.
- (3/28) – The 1st Advertisement was published for the Site Infrastructure Upgrades, Move of Relocatable Buildings, Bus Drop-Off and Restroom Renovation Project (Increment #1).
- The Increment #1 and STEM Building Milestone Schedule is as follows:
 - April 4th – Publish 2nd Advertisement for Increment #1
 - April 5th – Non-Mandatory Job Walk
 - May 2nd – Bid Opening
 - May 24th – Board Meeting for Approval of Construction Contract Award
 - June 15th – Start Increment #1 Construction
 - June 15th – Start Satellite Kitchen Building, if approved by DSA by 4/10
 - August 15th – Finish Infrastructure Upgrades, Relocatable Move, Bus Drop-Off, Restroom Renovation
 - August 31st – Receive DSA Approval for the STEM Building
 - Late Summer 2018 – Paint, Carpet & Replace Ceiling Tile in Relocatable Buildings (by District)
 - Winter Break 2018 – Demolish Old Snack Bar Building
 - Late 2018/Early 2019 – Start Construction of STEM Building
- (3/14) – The Architect submitted the 100% Construction Documents for the Satellite Kitchen to DSA on March 14, 2018 (DSA #04-116673, Increment #2). DSA is expected to issue their comments to the Architect in April 2018.
- (3/1) – DSA approved the 100% Construction Documents to DSA for Increment 1, Site Infrastructure Upgrades (DSA # 04-116673).
- (1/24) – The Architect submitted the 100% Construction Documents for the STEM Building (DSA #04-116859) to DSA.



Orange High School Science Center



Orange High School Science Center



Science Center Ground Floor Plan



Science Center Second Floor Plan



VILLA PARK HIGH SCHOOL

SCHOOL OF EXCELLENCE

VILLA PARK HS SCIENCE CENTER

- | | |
|---|---|
| <ul style="list-style-type: none"> • 12 Laboratory Rooms • 2 General Classrooms • 2 Medically Fragile Classrooms | <ul style="list-style-type: none"> • Demolish existing building 300 • Install 10 New Portable Buildings |
|---|---|

Project Update:

- (3/30) – DSA review continues for the STEM Building and it is anticipated that DSA will provide comments by May 18, 2018. DSA approval is anticipated by November 2018.
- (3/9) – The Architect submitted the 100% Construction Documents for the STEM Building (DSA #04-117022) to DSA.
- (2/23) – DSA approved the 100% Construction Documents to DSA for Increment 1, Interim Housing & Site Infrastructure Upgrade Project (DSA #04-116788).
- (2/22) – The District, Architect and Construction Manager reviewed the project with the City of Villa Park. Traffic on Taft Avenue remains the area of biggest concern. The Architect's Traffic Engineer is preparing a proposal for additional traffic analysis for the District's review and consideration.
- (1/18) – The Architect completed the Design Development Presentation to the Board of Education and the public during the Jan 18th Board Meeting.
- (12/5) – The Architect submitted the 100% Construction Documents for DSA Submittal Package #1 Interim Housing & Site Infrastructure Upgrade Project to DSA for review and approval (DSA Application #04-116788).



3.0 Financial Report



Measure S Bond Program

Budget vs Actuals - Program Summary, By Budget Category

Project Budget Estimate - Schematic Design Phase

Monthly Progress Report March 2018

QSS Data thru 3/31/18

	"A"	"B"	"C"	"D = A-B-C"
	Estimated Cost	Expended	Committed Balance / Encumbered	Balance
Allocated Funds				
1. Design Cost	\$9,751,472	\$5,570,157	\$4,181,315	\$0
2. Construction Cost	\$134,410,138	\$74,993	\$2,240	\$134,332,905
3. Program and Construction Management	\$12,706,686	\$1,823,373	\$7,268,251	\$3,615,062
* 4. Construction Support Costs	\$22,368,595	\$1,678,065	\$1,211,153	\$19,479,377
5. Contingency (Escalation, Construction, Project)	\$28,608,508	\$0	\$0	\$28,608,508
	\$207,845,399	\$9,146,587	\$12,662,960	\$186,035,852
Unallocated Funds				
1. Unallocated Bond Funds	\$80,154,601	\$0	\$0	\$80,154,601
	\$80,154,601	\$0	\$0	\$80,154,601
Total Bond Program	\$288,000,000	\$9,146,587	\$12,662,960	\$266,190,453

** See Attachment for Details



Measure S Bond Program

Budget vs Actuals - Program Summary, By School w/ Budget Category

Project Budget Estimate - Schematic Design Phase

Monthly Progress Report March 2018

QSS Data thru 3/31/18

	"A"	"B"	"C"	"D = A-B-C"
	Estimated Cost	Expended	Committed Balance / Encumbered	Balance
Canyon High School				
390-9520 Canyon HS Science Center				
1. Design Cost	\$3,222,114	\$1,605,888	\$1,616,226	\$0
2. Construction Cost	\$45,638,681	\$0	\$0	\$45,638,681
3. Program and Construction Management	\$4,240,088	\$513,074	\$2,517,827	\$1,209,187
* 4. Construction Support Costs	\$7,594,221	\$577,005	\$354,709	\$6,662,507
5. Contingency (Escalation,Construction,Project)	\$8,804,896	\$0	\$0	\$8,804,896
	\$69,500,000	\$2,695,967	\$4,488,762	\$62,315,271
390-TBD Canyon HS Unallocated Funds				
1. Unallocated Bond Funds	\$2,500,000	\$0	\$0	\$2,500,000
	\$2,500,000	\$0	\$0	\$2,500,000
Canyon High School	\$72,000,000	\$2,695,967	\$4,488,762	\$64,815,271

El Modena High School

391-9520 El Modena HS Science Center				
1. Design Cost	\$1,956,708	\$1,298,013	\$658,695	\$0
2. Construction Cost	\$27,866,000	\$0	\$0	\$27,866,000
3. Program and Construction Management	\$2,788,025	\$484,168	\$1,603,706	\$700,151
* 4. Construction Support Costs	\$4,514,700	\$359,699	\$73,834	\$4,081,167
5. Contingency (Escalation,Construction,Project)	\$3,631,378	\$0	\$0	\$3,631,378
	\$40,756,811	\$2,141,881	\$2,336,234	\$36,278,696
391-TBD El Modena HS Unallocated Funds				
1. Unallocated Bond Funds	\$31,243,189	\$0	\$0	\$31,243,189
	\$31,243,189	\$0	\$0	\$31,243,189
El Modena High School	\$72,000,000	\$2,141,881	\$2,336,234	\$67,521,885

* See Attachment for Details



Measure S Bond Program

Budget vs Actuals - Program Summary, By School w/ Budget Category

Project Budget Estimate - Schematic Design Phase

Monthly Progress Report March 2018

QSS Data thru 3/31/18

	"A"	"B"	"C"	"D = A-B-C"
	Estimated Cost	Expended	Committed Balance / Encumbered	Balance
Orange High School				
392-9520 Orange HS Science Center				
1. Design Cost	\$2,336,608	\$1,462,022	\$874,586	\$0
2. Construction Cost	\$33,677,228	\$74,993	\$2,240	\$33,599,995
3. Program and Construction Management	\$2,879,008	\$356,058	\$1,606,459	\$916,491
* 4. Construction Support Costs	\$5,371,545	\$434,852	\$193,891	\$4,742,802
5. Contingency (Escalation,Construction,Project)	\$8,124,199	\$0	\$0	\$8,124,199
	\$52,388,588	\$2,327,925	\$2,677,176	\$47,383,487
392-TBD Orange HS Unallocated Funds				
1. Unallocated Bond Funds	\$19,611,412	\$0	\$0	\$19,611,412
	\$19,611,412	\$0	\$0	\$19,611,412
Orange High School	\$72,000,000	\$2,327,925	\$2,677,176	\$66,994,899
Villa Park High School				
394-9520 Villa Park HS Science Center				
1. Design Cost	\$2,236,042	\$1,204,233	\$1,031,809	\$0
2. Construction Cost	\$27,228,229	\$0	\$0	\$27,228,229
3. Program and Construction Management	\$2,799,565	\$470,073	\$1,540,259	\$789,233
* 4. Construction Support Costs	\$4,888,129	\$306,508	\$588,720	\$3,992,901
5. Contingency (Escalation,Construction,Project)	\$8,048,035	\$0	\$0	\$8,048,035
	\$45,200,000	\$1,980,814	\$3,160,788	\$40,058,398
394-TBD Villa Park HS Unallocated Funds				
1. Unallocated Bond Funds	\$26,800,000	\$0	\$0	\$26,800,000
	\$26,800,000	\$0	\$0	\$26,800,000
Villa Park High School	\$72,000,000	\$1,980,814	\$3,160,788	\$66,858,398
Total Bond Program	\$288,000,000	\$9,146,587	\$12,662,960	\$266,190,453

* See Attachment for Details



ATTACHMENT

*** Construction Support Costs**

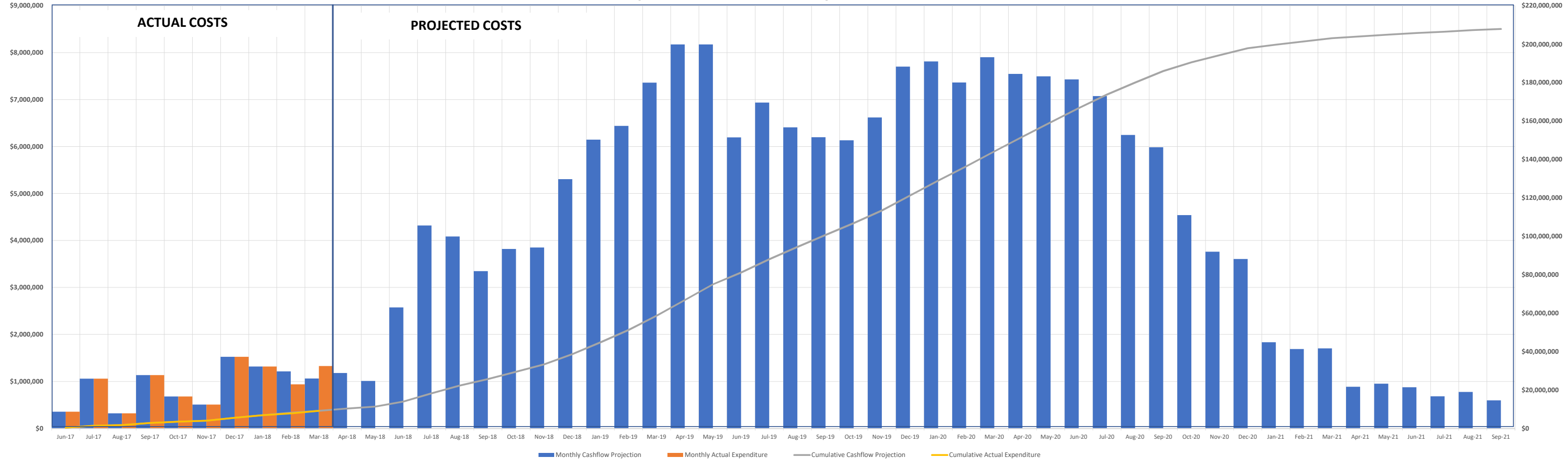
Commissioning
DSA Construction Phase Testing / LOR
DSA Inspection
DSA Review Fees
FFE (Laboratory Tables and Chairs, other)
IT Technology Infrastructure
Labor Compliance
Legal Counsel
Builders Risk Insurance
Postage, Printing Advertising
Preliminary Testing (Hazmat, Topo Survey, Geotech, Subsurface Imaging)
Relocation/Move Services
Rental/Interim Housing
Title, Environmental, Stormwater Management
Utility Connection Fees (with Local Permitting Agency)



MEASURE S BOND PROGRAM - SCIENCE CENTER CASH FLOW PROJECTION

Actual Costs thru March 31, 2018

Projected Costs thru September 30, 2021



CONSTRUCTION TIMELINE																		
Canyon HS STEM Bldg																		
El Modena HS STEM Bldg																		
Orange HS Site Improvements																		
Orange HS STEM Bldg																		
Villa Park HS STEM Bldg																		

	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Monthly Cash Flow Projection	\$352,744	\$1,055,850	\$318,891	\$1,132,180	\$678,966	\$505,752	\$1,523,203	\$1,317,281	\$1,212,566	\$1,060,870	\$1,179,218	\$1,009,556	\$2,574,145	\$4,317,838	\$4,084,755	\$3,347,828	\$3,819,349	\$3,850,606	\$5,303,240
Monthly Actual Expenditure	\$352,744	\$1,055,850	\$318,891	\$1,132,180	\$678,966	\$505,752	\$1,523,203	\$1,317,281	\$937,477	\$1,324,334									
Cumulative Cash Flow Projection	\$352,744	\$1,408,594	\$1,727,485	\$2,859,665	\$3,538,630	\$4,044,382	\$5,567,585	\$6,884,866	\$8,097,432	\$9,158,301	\$10,337,519	\$11,347,075	\$13,921,220	\$18,239,058	\$22,323,813	\$25,671,640	\$29,490,989	\$33,341,595	\$38,644,835
Cumulative Actual Expenditure	\$352,744	\$1,408,594	\$1,727,485	\$2,859,665	\$3,538,630	\$4,044,382	\$5,567,585	\$6,884,866	\$7,822,343	\$9,146,677									
Cumulative Variance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$275,089	\$11,624									

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Monthly Cash Flow Projection	\$6,147,363	\$6,439,668	\$7,360,940	\$8,172,214	\$8,172,638	\$6,195,044	\$6,935,386	\$6,406,193	\$6,196,927	\$6,130,450	\$6,616,525	\$7,699,793
Monthly Actual Expenditure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Cash Flow Projection	\$44,792,198	\$51,231,866	\$58,592,806	\$66,765,020	\$74,937,657	\$81,132,702	\$88,068,088	\$94,474,281	\$100,671,208	\$106,801,659	\$113,418,183	\$121,117,976
Cumulative Actual Expenditure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Variance												


	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Monthly Cash Flow Projection	\$7,811,740	\$7,361,275	\$7,900,967	\$7,545,895	\$7,495,163	\$7,428,298	\$7,074,965	\$6,244,562	\$5,984,078	\$4,538,115	\$3,761,471	\$3,603,297
Monthly Actual Expenditure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Cash Flow Projection	\$128,929,716	\$136,290,991	\$144,191,958	\$151,737,853	\$159,233,016	\$166,661,314	\$173,736,279	\$179,980,840	\$185,964,918	\$190,503,033	\$194,264,504	\$197,867,801
Cumulative Actual Expenditure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Variance												

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
Monthly Cash Flow Projection	\$1,831,026	\$1,686,894	\$1,701,473	\$884,817	\$949,331	\$875,790	\$680,318	\$773,325	\$594,624
Monthly Actual Expenditure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Cash Flow Projection	\$199,698,827	\$201,385,721	\$203,087,194	\$203,972,011	\$204,921,341	\$205,797,132	\$206,477,450	\$207,250,775	\$207,845,399
Cumulative Actual Expenditure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Variance									

- Notes:
- 1) Cashflow Projection is based on earned value following the current Project Schedule for STEM Bldg only.
 - 2) Amount shown for June 2017 thru January 2018 are Actual Check Payments
 - 3) Purchase for IT Infrastructure is allocated at the beginning of Construction; FF&E purchase is towards the end of Construction
 - 4) Unallocated Funds of \$80,154,601 is not included in the Cashflow Projection

Measure S Bond Funds		
	Allocated	Unallocated
Canyon HS	\$69,500,000	\$2,500,000
El Modena HS	\$40,756,811	\$31,243,189
Orange HS	\$52,388,588	\$19,611,412
Villa Park HS	\$45,200,000	\$26,800,000
	\$207,845,399	\$80,154,601

4.0 Program Schedule

			OUSD Program Milestone Schedule					Data Date: 01-Apr-18																
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2018				2019				2020				2021				2022	
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	
OUSD Bond Program		1148	918	14-Mar-17 A	05-Oct-21	0																		
OUSD Canyon High School		939	882	23-May-17 A	05-Oct-21	0																		
Canyon High School Modernization		939	882	23-May-17 A	05-Oct-21	0																		
CAHS_001	Board Approval of Project / Schematic Design	0	0	23-May-17 A																				
CAHS_002	DSA Submittal	95	95	21-May-18	28-Sep-18	787																		
CAHS_003	DSA Approval	40	40	05-Nov-18	28-Dec-18	722																		
CAHS_004	Bid Issuance	40	40	06-Dec-18	30-Jan-19	699																		
CAHS_005	Award of Contract (Board Date)	0	0	14-Mar-19		669																		
CAHS_006	Construction Start	0	0	01-Apr-19		657																		
CAHS_008	Commissioning	20	20	28-Jul-21	24-Aug-21	30																		
CAHS_009	FF&E	10	10	04-Aug-21	17-Aug-21	35																		
CAHS_007	Construction Completion	0	0		24-Aug-21	30																		
CAHS_010	Close Out	23	23	03-Sep-21	05-Oct-21	0																		
OUSD Orange High School		464	403	13-Apr-17 A	05-Jan-20	21																		
Orange High School Site Improvements		134	74	13-Apr-17 A	10-Sep-18	350																		
ORHS_001	Board Approval of Project / Schematic Design - Bid #1	0	0		13-Apr-17 A																			
ORHS_002	DSA Submittal - Bid #1	0	0	24-Oct-17 A																				
ORHS_003	DSA Approval- Bid #1	0	0		01-Mar-18 A																			
ORHS_004	Bid Issuance - Bid #1	0	0	28-Mar-18 A																				
ORHS_005	Award of Contract (Board Date) - Bid #1	0	0		24-May-18	-9																		
ORHS_006	Construction Start - Bid #1	0	0	05-Jun-18*		0																		
ORHS_008	Commissioning - Bid #1	5	5	06-Aug-18	10-Aug-18	41																		
ORHS_009	FF&E - Bid #1	12	12	10-Aug-18	21-Aug-18	531																		
ORHS_010	Close-out - Bid #1	27	27	15-Aug-18	10-Sep-18	9																		
ORHS_007	Construction Complete - Bid #1	0	0		27-Aug-18*	0																		
Orange High School Science Building		464	385	13-Apr-17 A	05-Jan-20	21																		
ORHS_11	Board Approval of Project / Schematic Design - Bid #2	0	0		13-Apr-17 A																			
ORHS_12	DSA Submittal - Bid #2	0	0	24-Jan-18 A																				
ORHS_13	DSA Approval- Bid #2	0	0		20-Jun-18*	0																		
ORHS_14	Bid Issuance - Bid #2	0	0	22-Jun-18*		0																		
ORHS_15	Award of Contract (Board Date) - Bid #2	0	0		02-Aug-18*	0																		
ORHS_16	Construction Start - Bid #2	0	0	31-Aug-18*		0																		
ORHS_18	Commissioning - Bid #2	93	93	17-Jul-19	17-Oct-19	26																		
ORHS_17	Construction Complete - Bid #2	0	0		09-Oct-19*	0																		
ORHS_20	Close-out - Bid #2	69	69	16-Oct-19	23-Dec-19	42																		
ORHS_19	FF&E - Bid #2	82	82	16-Oct-19	05-Jan-20	29																		
OUSD Villa Park High School		918	591	14-Mar-17 A	14-Dec-20	-16																		
Villa Park High School Interim Housing and Science Center		918	591	14-Mar-17 A	14-Dec-20	-16																		
100020	Board Approval of Project/Schematic Design	0	0	14-Mar-17 A																				
100662	DSA Submittal	0	0	09-Mar-18 A																				
100093	DSA Approval	0	0	10-Sep-18*		575																		
100107	Bid Issuance	1	1	26-Sep-18*	26-Sep-18	562																		

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work





















Milestone

summary

Page 1 of 2

TASK filter: Program Milestones.

© Oracle Corporation

			OUSD Program Milestone Schedule					Data Date: 01-Apr-18															
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2018				2019				2020				2021				2022
							1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
	 100120	Award of Contract (Board Date)	1	1	25-Oct-18*	25-Oct-18	541				I												
	 100123	Construction Start	0	0	26-Nov-18*		520				◆												
	 100140	Commissioning	262	262	06-Sep-19*	07-Sep-20	54																
	 100181	FF&E	40	40	07-Sep-20*	30-Oct-20	15																
	 100135	Construction Completion	0	0	02-Nov-20*		-15																
	 100186	Closeout	31	31	02-Nov-20*	14-Dec-20	-16																
 OUSD EI Modena High School		1001	778	11-May-17 A	29-Apr-21	0																	
 EI Modena High School Science Center		1001	778	11-May-17 A	29-Apr-21	0																	
 EMHS_001	Board Approval of Project/Schematic Design	0	0		11-May-17 A																		
 EMHS_002	DSA Submittal	0	0	30-Mar-18		785	◆																
 EMHS_003	DSA Approval	0	0		31-Aug-18*	0				◆													
 EMHS_004	Bid Issuance	0	0	12-Sep-18*		0				◆													
 EMHS_005	Award of Contract (Board Date)	0	0		06-Dec-18*	0					◆												
 EMHS_006	Construction Start	0	0	22-Feb-19*		0					◆												
 EMHS_008	Commissioning	180	180	28-Jan-20	08-Oct-20	86																	
 EMHS_009	FF&E	50	50	30-Jul-20	08-Oct-20	128																	
 EMHS_007	Construction Completion	0	0		20-Oct-20*	0																	
 EMHS_010	Close-Out	89	89	28-Dec-20	29-Apr-21	0																	

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work

◆

Milestone

summary

Page 2 of 2

TASK filter: Program Milestones.

© Oracle Corporation

Board of Education

Rick Ledesma, President
John Ortega, Vice President
Kathryn Moffat, Clerk
Alexia Deligianni-Brydges, Ed. D
Brenda Lebsack
Timothy Surridge

Gunn Marie Hansen, Ph.D.
Superintendent

Ronald N. Lebs
Assistant Superintendent
Facilities & Planning Department



Facilities & Planning Department
Measure S Bond Program
726 W. Collins Avenue
Orange, CA 92867