



# ORANGE UNIFIED SCHOOL DISTRICT

## Measure S Bond Program

### April 2018 Monthly Progress Report



**PERIOD COVERED:**

April 1-30, 2018

**FISCAL YEAR**

FY 2017-2018

**PROGRESS REPORT NO.**

PR-010-1718-010

**PREPARED BY:**

**CUMMING**  
Building Value Through Expertise



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## 1.0 SUMMARY

### 1.1 Program Summary

DSA is currently reviewing the 100% Construction Documents for all projects, except Canyon HS. The final intake meeting for the Canyon HS Science Center has been scheduled for May 22<sup>nd</sup>, which will be the last design to be submitted to DSA for the first phase of Measure S projects. DSA approval is anticipated in June or July for the Orange HS Science Center, in September or October for Villa Park HS Science Center, in October or November for El Modena HS Science Center and in November or December for Canyon HS Science Center.

Construction is tentatively scheduled to start for the Site Infrastructure Project at Orange HS in June 2018, to be followed by the Orange HS Science Center in September 2018. The Villa Park HS Science Center is tentatively scheduled to start construction in November 2018, subject to California Environmental Quality Act (CEQA) approval, the El Modena HS Science Center is tentatively scheduled to start in early 2019, subject to DSA approval and the Canyon HS Science Center is tentatively scheduled to start in the Spring of 2019. All Measure S Monthly Reports, Project Designs and Board Presentations are available for review at the Bond Website, <https://www.orangeusd.org/measure-s>

### 1.2 Program Highlights/Key Milestones

#### **April 12 Approved Board of Education Items**

- Approve Finance Plan for General Obligation Bond Program

#### **Program Budget Update**

- On 4/26, the District and Program Manager reviewed the draft updated budgets based upon the percentages recommended at the 4/11 meeting, below. The Program Budgets are to be updated on a project by project basis, based upon receipt of the actual bid amounts for each project.
- On 4/11, the District and Program Manager review drafted budgets based upon the 50% Construction Documents for each of the projects, except Canyon HS (which is based upon the Design Development Submittal):
  - Recommended Escalation Rate at 6.25% Annually
  - Recommended Construction Contingency (for Change Orders) at 10%
  - Recommended Project Contingency at 5%
  - Actual Committed Costs for Program Management, Architectural, Construction Management and consultant services to date (Commissioning, DSA Inspector, DSA Material Testing, etc.)



### **Program Schedule Update**

- On 4/26, the District and Program Manager reviewed the draft updated schedules for each of the projects based upon the updated schedule for El Modena HS and the schedules that were included in the March 2018 Monthly Report. These Program Schedules for each project will be included in the Program Manager's May 2018 Monthly Report and are based upon the Construction Manager's Schedule Updates for the 100% Construction Documents for each of the projects, except Canyon HS (which is based upon the 50% Construction Documents).
- On 4/11, the Program Manager included within the March 2018 Monthly Report an Updated Schedule that was vetted with the Construction Managers as per the materials and quantities specified by the Construction Manager's Schedule Updates for the 100% Construction Documents for each of the projects, except Canyon HS (which is based upon the 50% Construction Documents).

### **Unallocated Funds (Phase 2)**

- On 4/26, the Program Manager presented a Preliminary Unallocated Funds Budget to the District to support the Phase 2 programming effort.
- On 4/19, the District held a Phase 2 Planning Discussion meeting to review the site master plans at each of the high schools, the tentative Phase 2 timeline (see below), and amount of the Unallocated Budget that is projected to be available for Phase 2
- On 4/12, the Board approved the Bond Financing Plan, activating the following tentative timeline:
  - Programming: Apr – Summer 2018
  - Design Agreements: Summer 2018
  - Design Phase: Summer 2018 – Summer 2019
  - DSA Review & Approval: Fall 2019 – Spring 2020
  - Bid & Award: Spring 2020
  - Start Construction: Summer 2020 – Late 2021
- This information will next be reviewed with the Architects and Construction Managers

### **Contractor Pre-Qualification**

- On 4/26, the Pre-Qualification List for the Orange HS Increment #1 Site Infrastructure Upgrade Project was closed with 86 firms. The District continues review and scoring of Contractor Pre-Qualification Applications for all other Measure S Projects.
- The deadline for submittal of Pre-Qualification Applications to participate in the bid of Orange HS Site Infrastructure project is 4/18 (Revised to 4/26 due to revision of Bid Opening Date from 5/2 to 5/7 as per Addenda #1).
- On 2/9, the Contractor Pre-Qualification Application was made accessible from the District's Measure S Website.



### **Start of Construction for Orange HS**

- On 4/30, the Architect and the Program Manager continue to respond to Pre-Bid Questions from prospective contractors in preparation for the May 7<sup>th</sup> Bid Opening for Increment #1 (Site Infrastructure Upgrades, Satellite Kitchen, Move of Relocatable Buildings, Bus Drop-Off and Restroom Renovation).
- On 4/25, the District and Program Manager issued Addenda #2 to include the Satellite Kitchen with the Increment #1 project scope of work.
- On 4/25, the District and Program Manager issued Addenda #1 to revise the Bid Opening date from 5/2 to 5/7.
- On 4/11, DSA approves the Satellite Kitchen and the Program Manager is preparing Addenda documents to issue by 4/18 to include the Satellite Kitchen with the Site Infrastructure Upgrades, Move of Relocatable Buildings, Bus Drop-Off and Restroom Renovation Project (Increment #1).
- On 4/4 and 4/5, the Non-Mandatory Job Walk was completed and the 2<sup>nd</sup> Advertisement was published, respectively for the Orange HS Increment #1.
- On 3/28, the 1<sup>st</sup> Advertisement was published for Orange HS Increment #1.
- The 100% Construction Documents for Orange HS Increment #1 were approved by DSA on March 1, 2018 and construction is tentatively scheduled to start and be completed during Summer Break 2018 as per the following sequence of work:
  - June 15<sup>th</sup> – Start construction of Site Infrastructure Upgrades, Move of Relocatable Buildings, Bus Drop-Off and Restroom Renovation
  - June 15<sup>th</sup> – Start construction of Satellite Kitchen Building (Added by Addenda #2)
  - August 15<sup>th</sup> – 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 1/24/18.
  - 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

### **Start of Construction for Villa Park HS**

- DSA continues review of the 100% Construction Documents, submitted to DSA on March 9, 2018. DSA's approval is anticipated in September or October 2018. Construction is tentatively scheduled to start in November 2018 to include all construction (STEM Building, Medically Fragile Classrooms, Interim Housing, Site Infrastructure, Stormwater Bioretention Basin).
- 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 El Modena HS**

- DSA continues review of the 100% Construction Documents, submitted to DSA on March 30, 2018. DSA's approval is anticipated in October or November 2018. Construction is tentatively scheduled to start in January 2019 to include all construction (STEM Building, Medically Fragile Classrooms, Site Infrastructure, New Fire Lanes, New Parking Lot Lighting).

### **Start of Construction for Canyon HS**

- The Architect is scheduled to submit the 100% Construction Documents to DSA on May 22, 2018 and DSA's approval is anticipated in November or December 2018. Construction is tentatively scheduled to start in Spring of 2019 to include all construction (STEM Building, Site Infrastructure, Temporary Kitchen, New Classrooms, New Administration Area, New MPR Entry, New Food Service, New Drop-Off Circulation, 100 New Parking Spaces, New Parking Lot Lighting).
- The Architect and Construction Manager have revised the original plan from three (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.

### **Bond Finance Plan**

- On 4/12, the District's Financial Advisor (Adam Bauer, Fieldman, Rolapp & Associates, Inc.) presented the following Bond Finance Plan:
  - Series A Bond Issuance at \$188M (June to July 2018)
  - Series B Bond Issuance at \$100M (June to July 2020)
- On 4/12, the Board approved the above Bond Finance Plan, per the following tentative schedule (NOTE: These dates are tentative to allow the District's Financial Advisor to select the optimum time for bringing bonds to the market.):
  - 4/12: Bond Finance Plan Presentation to Board
  - 5/17: Rating Meeting with S&P Global Ratings/Fitch
  - 5/23: Receive Credit Rating
  - 5/24: Board Meeting to Review & Approve Issuance of Bond Series A
  - 6/7: Hold Competitive Sale for Series A Bonds
  - 6/21: Closing for Series A Bonds
  - June – July 2020: Hold Competitive Sale for Series B Bonds

### **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 be included within the PMP.
- The Program Manager is updating the PMP with the following:
  - Updated Bond Sales Schedule
  - Updated Procurement Plan
  - Updated Signature Page



- Construction Management Plans completed by Construction Managers

### **Citizens' Oversight Committee (COC)**

- On 4/25, COC Meeting #5 was completed and included a Measure S Program Update and a Financial Update. The District and Program Manager also responded to COC questions from Meeting #4. The next meeting is scheduled for July 18, 2018.
- On 3/8, the COC Annual Report was presented to the Board of Education and public.
- COC Meeting agendas, meeting minutes, reports, and additional information can be found at <https://www.orangeusd.org/measure-s/citizens-oversight-committee>

### **Program Wide California Environmental Quality Act (CEQA) Consultant Services**

- The District's CEQA Consultants (PlaceWorks & Environmental Audit) are preparing CEQA compliance documents as follows:
  - Canyon HS – Mitigated Negative Declaration (to be confirmed)
  - Villa Park HS – To be Determined
- On 4/26, the District and the Program Manager reviewed the Site Traffic Analysis with the CEQA Services Consultant for Villa Park HS to update the CEQA compliance documents.
- On 4/23, the Architect presented the completed Site Traffic Analysis which shows no traffic impacts by the project and concludes "Based on the results of this analysis, the development of the Master Plan circulation designs can be implemented without significant impacts to the surrounding intersections in the existing condition. The Master Plan would improve the intersection performance for Smokewood Drive-Driveway 1/Taft Avenue to a satisfactory Level of Service (LOS)."
- 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 4/23. 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.
- On 3/8, the Board of Education approved a California Environmental Quality Act (CEQA) Categorical Exemption at Orange HS and a CEQA Categorical Exemption at El Modena HS.

### **Electrical System Equipment**

- On 4/30, the Program Manager issued the DSA Approved Drawings, Technical Specifications and Bill of Materials (BOM) for procurement of Electrical System Equipment for El Modena HS, respectively, as Owner Furnish Contractor Installed (OFCI) items by using a California Multiple Award Schedules (CMAS) contract. The Program Manager is preparing the same for Villa Park HS.
- 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 4/26, the Program Manager submitted the Draft 5/10 OCIP Presentation to the District for review and comment.
- On 4/12, the Board requested a Board presentation to review OCIP services (pulled from the 4/12 Board Meeting Agenda).
- On 3/27, the District advanced an Agenda Item for the 4/12 Board Meeting for the Board's review and approval of contract award.
- On 3/14, the Program Manager issued the OCIP scoresheet and recommendation to award for consideration by the District.
- On 2/6, the Program Manager issued the OCIP Coverage Summary from the prospective OCIP providers 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 DSA Inspection Services**

- On 4/12, the Program Manager announced the selected DSA Inspection Services firms for El Modena HS and Villa Park HS. The shortlisted DSA Inspectors were interviewed by the Architects and Program Manager on 4/12. The District is preparing to issue the purchase order.
- The shortlisted Inspectors have been tentatively scheduled for final interview selection on 4/12 for both El Modena HS and Villa Park HS.
- 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.

#### **Program Wide DSA Construction Material Testing & Geo-Technical Services**

- On 4/10 and 4/11, the Program Manager announced the selection of DSA Construction Material Testing Services firms for El Modena HS and Villa Park HS, respectively. The District is preparing to issue the purchase order.
- 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.





### **Program Wide Environmental & Hazardous Materials Consultant Services**

- On 4/13, the Program Manager recommended the firm to complete Hazardous Materials Testing & Inspection for the Orange HS Increment #1 Site Infrastructure Upgrade Project. The District is preparing to issue the purchase order.

### **1.3 Look Ahead (next month)**

- Identify Program Risks and Possible Mitigation Measures
- Reschedule All Hands Meeting with Architects & Construction Managers
- Prepare and Advance 5/10 & 5/24 Board Agenda Items
- Finalize 5/10 Board OCIP Presentation
- Prepare 5/24 Board Presentation
- Review Construction Manager Staffing Plans Revised for FY 2018/2019
- Review Construction Management Plans by Construction Managers
- Manage CEQA Services for Canyon HS & Villa Park HS (by District)
- Manage completion of the Design process, per the following schedule:
  - May 22, 2018 - DSA Intake Submittal date for the Canyon HS STEM Building
  - Jun or Jul 2018 – Anticipated DSA Approval for Orange HS STEM Building
  - Sep or Oct 2018 – Anticipated DSA Approval for Villa Park HS STEM Building
  - Oct or Nov 2018 – Anticipated DSA Approval for El Modena HS STEM Building
  - Nov 2018 or Dec 2018 – Anticipated DSA Approval for Canyon HS STEM Building
- Complete May 7<sup>th</sup> Bid Opening for Orange HS Increment #1 Site Infrastructure Project
- Award Construction Contract for Orange HS Increment #1 Project
- Coordinate Procore Training for OHS Increment #1 Contractor and DSA Inspector (to be held during week of June 4<sup>th</sup>)
- Define Unallocated Funds (Phase 2) Budget
- Coordinate Programming for Phase 2 Projects
- Update the Program Management Plan with the following:
  - a) Updated Bond Sales Schedule
  - b) Updated Procurement Plan
  - c) Updated Signature Page
  - d) Construction Management Plans completed by Construction Managers
- Continue Ongoing Review of Contractor Pre-Qualification Applications
- **Board Agenda Items Look Ahead**

#### **May 10 Tentative**

- Owner's Controlled Insurance Program (OCIP) Presentation (Information Item)
- No Cost Revision of CMAS Agreement Number for Owner Furnished Contractor Installed (OFICI) Electrical Switchgear for Orange High School



**May 24 Tentative**

- Award Construction Contract for the Site Infrastructure Upgrade Project at Orange HS
- Approve Issuance of General Obligation Bond Series A
- Measure S Bond Program Update (Information Item)

**June 7 Tentative**

- Purchase Owner Furnished Contractor Installed (OFCI) Electrical Switchgear for the Orange High School STEM Building (Increment #2) using CMAS Agreement
- 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"> <li>• 12 Laboratory Rooms</li> <li>• 12 General Classrooms</li> <li>• Student Services</li> <li>• New Food Services</li> </ul> | <ul style="list-style-type: none"> <li>• New Multi-Purpose Room Entry</li> <li>• Parking Lot Improvements</li> <li>• Infrastructure Upgrade and Improvements</li> <li>• Landscape Improvements</li> </ul> |
|---|---|

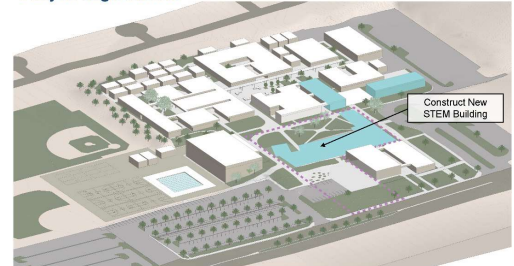
### Project Update:

- (4/30) – The Architect continues their preparation of the 100% Construction Documents for submittal to DSA on May 22, 2018. DSA approval is anticipated in November or December 2018.
- (4/9) – The Architect scheduled the DSA intake meeting for May 22, 2018 for submittal of the 100% Construction Documents for DSA review and approval.
- (4/4) – The Architect submitted 50% Construction Documents Package to the District for review and comment.
- (2/15) – The Architect completed the Design Development Presentation to the Board of Education and the public at the Feb 15<sup>th</sup> 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.

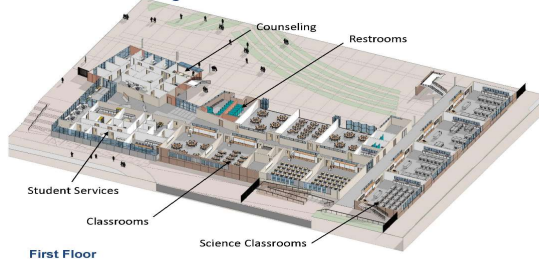
Canyon High School  
New STEM Building



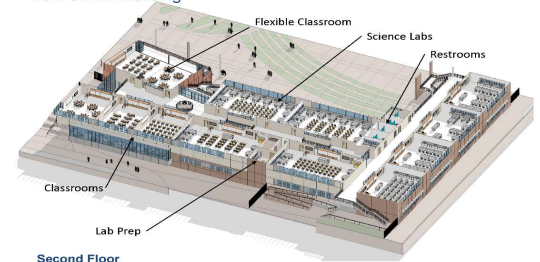
Canyon High School



Canyon High School  
New STEM Building



Canyon High School  
New STEM Building





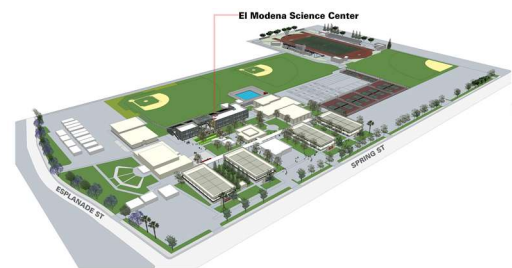


## EL MODENA HS SCIENCE CENTER

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

### Project Update:

- (4/30) – DSA continues their review of the 100% Construction Documents. The Architect submitted the 100% Construction Documents to DSA on March 30, 2018 and DSA approval is anticipated in October or November 2018.
- (4/13) – The Construction Manager has completed the constructability review and cost estimate for the 50% Construction Documents Package, which shows that the project remains on budget.
- (3/30) – The Architect completes the 100% Construction Documents and submits the package to DSA for their review and approval.
- (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 18<sup>th</sup> 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 18<sup>th</sup> Board Meeting.





## ORANGE HS SCIENCE CENTER

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

### Project Update:

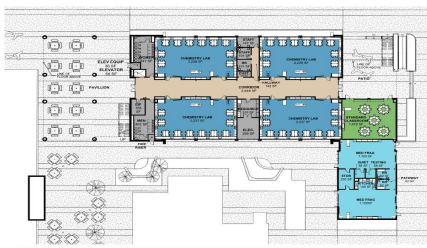
- (4/30) – DSA continues their review of the 100% Construction Documents for the STEM Building. DSA's Fire & Life Safety comments were received on March 9, 2018 and DSA's Accessibility comments were received on April 2, 2018. DSA's Structural comments remain outstanding. DSA approval is anticipated in June or July 2018.
- (4/13) – The Construction Manager has completed the constructability review and cost estimate for the 50% Construction Documents Package, which shows that the project remains on budget.
- (3/28) – The 1<sup>st</sup> 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 4<sup>th</sup> – Publish 2<sup>nd</sup> Advertisement for Increment #1 (completed)
  - April 5<sup>th</sup> – Non-Mandatory Job Walk (completed)
  - May 7<sup>th</sup> – Bid Opening
  - May 24<sup>th</sup> – Board Meeting for Approval of Construction Contract Award
  - June 15<sup>th</sup> – Start Increment #1 Construction with Satellite Kitchen
  - August 15<sup>th</sup> – Finish Infrastructure Upgrades, Relocatable Move, Bus Drop-Off, Restroom Renovation
  - June/July 2018 – Receive DSA Approval for the STEM Building
  - Late Summer 2018 – Finish 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.



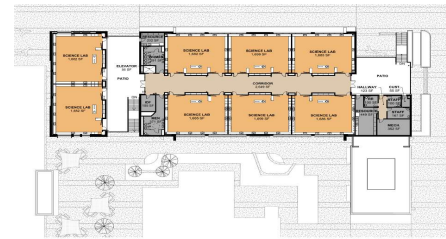
Orange High School Science Center



Orange High School Science Center



Science Center Ground Floor Plan



Science Center Second Floor Plan





## VILLA PARK HS SCIENCE CENTER

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

### Project Update:

- (4/30) – DSA review continues for the STEM Building and it is anticipated that DSA will provide comments by May 18, 2018. DSA approval is anticipated in September or October 2018.
- (4/13) – The Construction Manager has completed the constructability review and cost estimate for the 50% Construction Documents Package, which shows that the project remains on budget.
- (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 18<sup>th</sup> 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 April 2018

QSS Data thru 4/30/18

	"A"	"B"	"C"	"D = A-B-C"
	Estimated Cost	Expended	Committed Balance / Encumbered	Balance
<b>Allocated Funds</b>				
1. Design Cost	\$9,751,472	\$5,724,922	\$4,026,550	\$0
2. Construction Cost	\$134,410,138	\$77,233	\$0	\$134,332,905
3. Program and Construction Management	\$12,706,686	\$2,029,050	\$7,062,574	\$3,615,062
* 4. Construction Support Costs	\$22,368,595	\$1,711,868	\$1,184,350	\$19,472,377
5. Contingency (Escalation, Construction, Project)	\$28,608,508	\$0	\$0	\$28,608,508
	<b>\$207,845,399</b>	<b>\$9,543,074</b>	<b>\$12,273,473</b>	<b>\$186,028,852</b>
<b>Unallocated Funds</b>				
1. Unallocated Bond Funds	\$80,154,601	\$0	\$0	\$80,154,601
	<b>\$80,154,601</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80,154,601</b>
<b>Total Bond Program</b>	<b>\$288,000,000</b>	<b>\$9,543,074</b>	<b>\$12,273,473</b>	<b>\$266,183,453</b>

\*\* 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 April 2018

QSS Data thru 4/30/18

	"A"	"B"	"C"	"D = A-B-C"
	Estimated Cost	Expended	Committed Balance / Encumbered	Balance
<b>Canyon High School</b>				
<b>390-9520 Canyon HS Science Center</b>				
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	\$591,698	\$2,439,203	\$1,209,187
* 4. Construction Support Costs	\$7,594,221	\$578,673	\$355,041	\$6,660,507
5. Contingency (Escalation,Construction,Project)	\$8,804,896	\$0	\$0	\$8,804,896
	<b>\$69,500,000</b>	<b>\$2,776,259</b>	<b>\$4,410,470</b>	<b>\$62,313,271</b>
<b>390-TBD Canyon HS Unallocated Funds</b>				
1. Unallocated Bond Funds	\$2,500,000	\$0	\$0	\$2,500,000
	<b>\$2,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,500,000</b>
<b>Canyon High School</b>	<b>\$72,000,000</b>	<b>\$2,776,259</b>	<b>\$4,410,470</b>	<b>\$64,813,271</b>

## El Modena High School

<b>391-9520 El Modena HS Science Center</b>				
1. Design Cost	\$1,956,708	\$1,319,694	\$637,014	\$0
2. Construction Cost	\$27,866,000	\$0	\$0	\$27,866,000
3. Program and Construction Management	\$2,788,025	\$547,057	\$1,540,817	\$700,151
* 4. Construction Support Costs	\$4,514,700	\$374,762	\$58,771	\$4,081,167
5. Contingency (Escalation,Construction,Project)	\$3,631,378	\$0	\$0	\$3,631,378
	<b>\$40,756,811</b>	<b>\$2,241,513</b>	<b>\$2,236,602</b>	<b>\$36,278,696</b>
<b>391-TBD El Modena HS Unallocated Funds</b>				
1. Unallocated Bond Funds	\$31,243,189	\$0	\$0	\$31,243,189
	<b>\$31,243,189</b>	<b>\$0</b>	<b>\$0</b>	<b>\$31,243,189</b>
<b>El Modena High School</b>	<b>\$72,000,000</b>	<b>\$2,241,513</b>	<b>\$2,236,602</b>	<b>\$67,521,885</b>

\* 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 April 2018

QSS Data thru 4/30/18

	"A"	"B"	"C"	"D = A-B-C"
	Estimated Cost	Expended	Committed Balance / Encumbered	Balance
<b>Orange High School</b>				
<b>392-9520 Orange HS Science Center</b>				
1. Design Cost	\$2,336,608	\$1,548,975	\$787,633	\$0
2. Construction Cost	\$33,677,228	\$77,233	\$0	\$33,599,995
3. Program and Construction Management	\$2,879,008	\$390,499	\$1,572,018	\$916,491
* 4. Construction Support Costs	\$5,371,545	\$448,868	\$184,875	\$4,737,802
5. Contingency (Escalation,Construction,Project)	\$8,124,199	\$0	\$0	\$8,124,199
	<b>\$52,388,588</b>	<b>\$2,465,575</b>	<b>\$2,544,526</b>	<b>\$47,378,487</b>
<b>392-TBD Orange HS Unallocated Funds</b>				
1. Unallocated Bond Funds	\$19,611,412	\$0	\$0	\$19,611,412
	<b>\$19,611,412</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,611,412</b>
<b>Orange High School</b>	<b>\$72,000,000</b>	<b>\$2,465,575</b>	<b>\$2,544,526</b>	<b>\$66,989,899</b>
<b>Villa Park High School</b>				
<b>394-9520 Villa Park HS Science Center</b>				
1. Design Cost	\$2,236,042	\$1,250,364	\$985,678	\$0
2. Construction Cost	\$27,228,229	\$0	\$0	\$27,228,229
3. Program and Construction Management	\$2,799,565	\$499,797	\$1,510,535	\$789,233
* 4. Construction Support Costs	\$4,888,129	\$309,565	\$585,663	\$3,992,901
5. Contingency (Escalation,Construction,Project)	\$8,048,035	\$0	\$0	\$8,048,035
	<b>\$45,200,000</b>	<b>\$2,059,726</b>	<b>\$3,081,876</b>	<b>\$40,058,398</b>
<b>394-TBD Villa Park HS Unallocated Funds</b>				
1. Unallocated Bond Funds	\$26,800,000	\$0	\$0	\$26,800,000
	<b>\$26,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$26,800,000</b>
<b>Villa Park High School</b>	<b>\$72,000,000</b>	<b>\$2,059,726</b>	<b>\$3,081,876</b>	<b>\$66,858,398</b>
<b>Total Bond Program</b>	<b>\$288,000,000</b>	<b>\$9,543,074</b>	<b>\$12,273,473</b>	<b>\$266,183,453</b>

\* See Attachment for Details



## **ATTACHMENT**

### **\* Construction Support Costs**

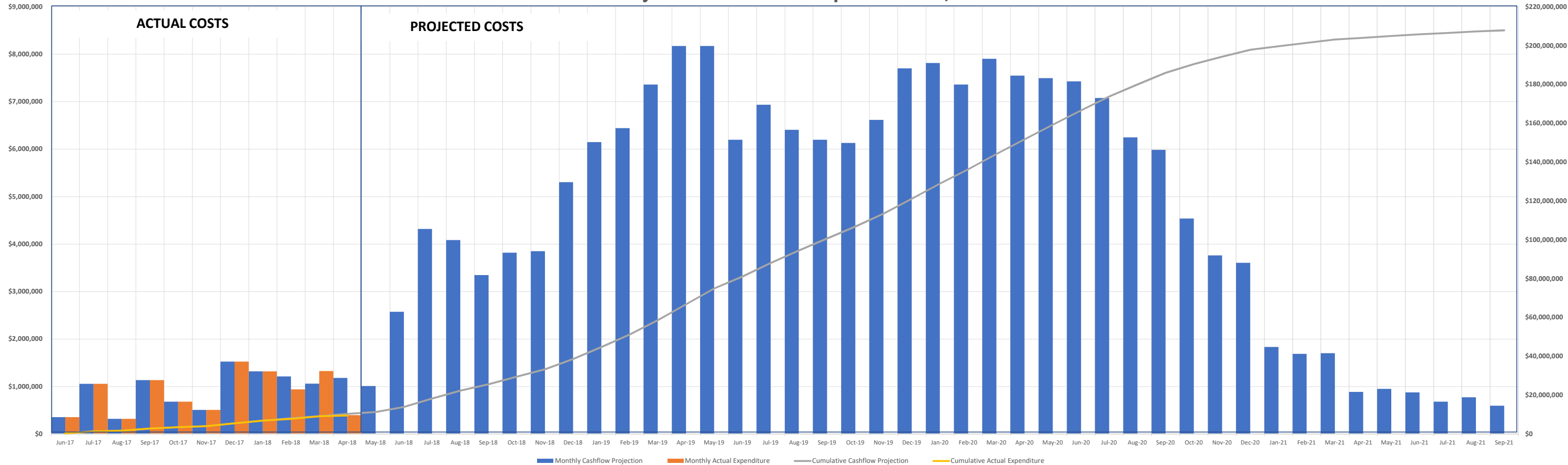
Commissioning  
DSA Construction Phase Testing / LOR  
DSA Inspection  
DSA Review Fees  
FFE (Laboratory Tables and Chairs, other)  
IT Technology Infrastructure  
Labor Compliance  
Legal Counsel  
Builders Risk Insurance  
Postage, Printing Advertising  
Preliminary Testing (Hazmat, Topo Survey, Geotech, 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 April 30, 2018

Projected Costs thru September 30, 2021



	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	\$396,486									
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	\$9,543,163									
Cumulative Variance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$275,089	\$11,624	\$794,356									
Phase I Timeline	Phase I Design, DSA Review/Approval (DSA Approval for Canyon anticipated December 2018)												Phase I Construction							
Phase II Timeline <sup>5</sup>											Phase II Programming		Phase II Design Agreements		Phase II Design					
													1st Bond Sale - \$188m							

	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												
Phase I Timeline	Phase I Construction											
Phase II Timeline <sup>5</sup>	Phase II Design								Phase II DSA Review/Approval			

	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												
Phase I Timeline	Phase I Construction											
Phase II Timeline <sup>5</sup>	Phase II DSA Review			Phase II Bid & Award			Mobilize	Phase II Construction				
								2nd Bond Sale - \$100m				

	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									
Phase I Timeline	Phase I Construction								
Phase II Timeline <sup>5</sup>	Phase II Construction								

- 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

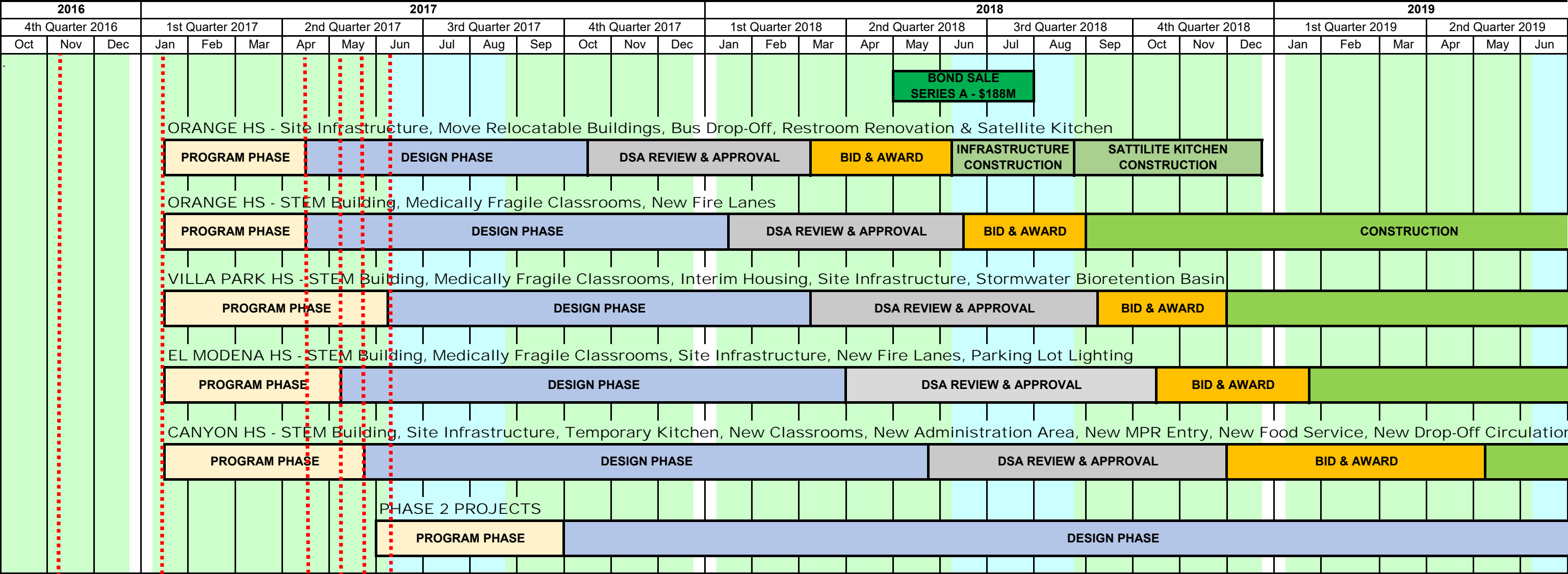
Measure S Bond Funds		
	Allocated	Unallocated
Canyon HS	\$69,500,000	\$2,500,000
El Modena HS	\$40,756,811	\$31,243,189
Orange HS	\$52,388,588	\$19,611,412
Villa Park HS	\$45,200,000	\$26,800,000
	\$207,845,399	\$80,154,601





4.0 Program Schedule

# BOND MEASURE S PROGRAM SCHEDULE SUMMARY



Bond Measure S Passes by 62% on 11/8/17

Program Manager Starts Work 1/17/17

Villa Park HS Schematic Design & Budget Approved 6/8/17

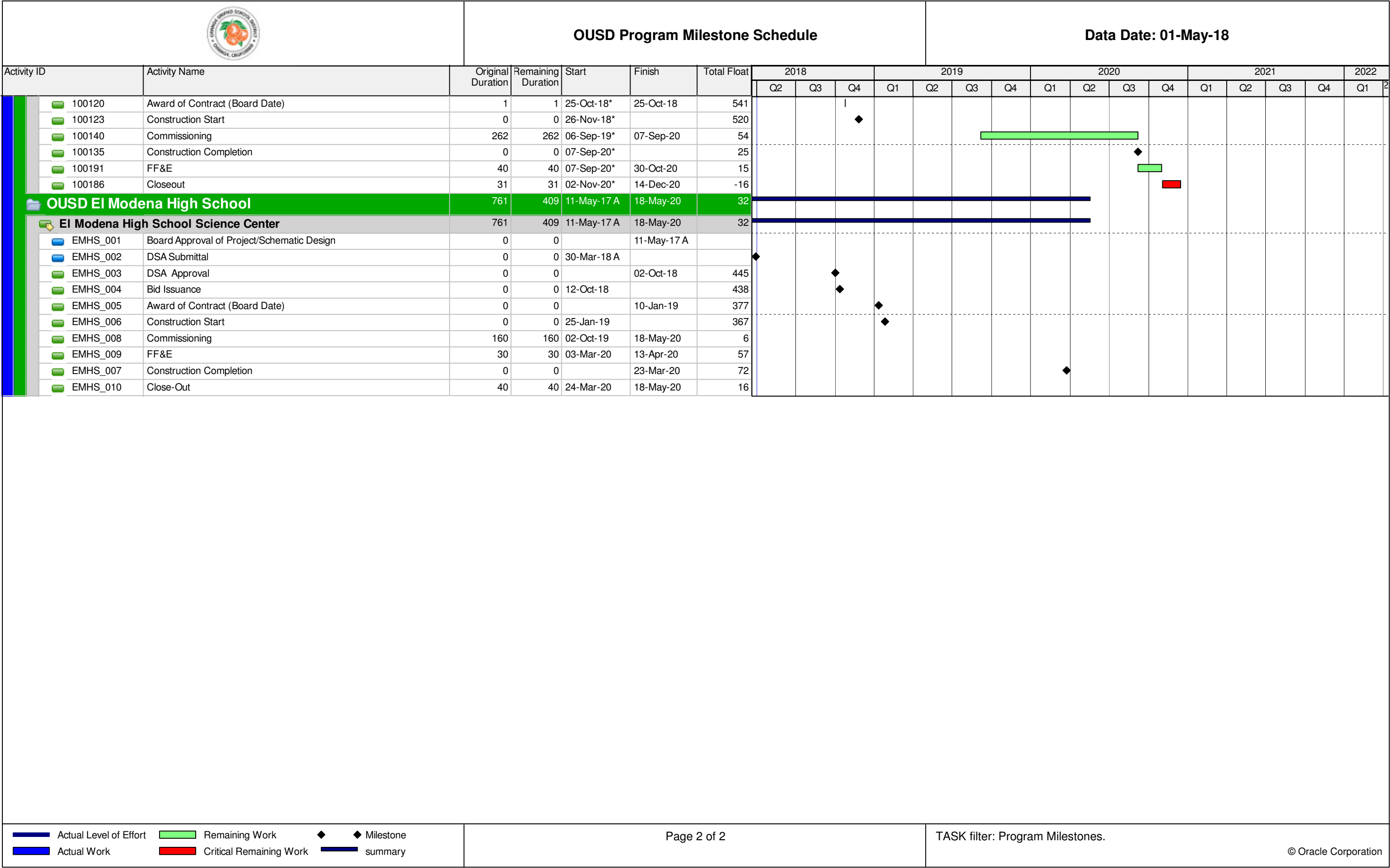
Canyon HS Schematic Design & Budget Approved 5/25/17

El Modena HS Schematic Design & Budget Approved 5/11/17

Orange HS Schematic Design & Budget Approved 4/13/17







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Facilities & Planning Department  
Measure S Bond Program  
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