



Pasadena Unified School District (PUSD)

CITIZENS' OVERSIGHT COMMITTEE (COC) MEETING

Minutes of Meeting on March 21, 2018

**Location:** Pasadena Unified School District Education Center, Room 236, 351 S. Hudson Ave., Pasadena, CA. 91109

**Date & Time of meeting:** March 21, 2018 at 6:30 p.m.

**Members Present:** Quincy Hocutt, James Vitale, Jen Wang, Willie Ordonez, Mikala Rahn,

**Potential New Members Present:** Robin Salzar, Daniel Stuart, Stephen Aquino, Raphael Henderson, and Chip Ossman.

**Members Absent:** Diana Verdugo, Francis Boland, and Camille Dudley.

**Pasadena Unified School District (PUSD) Board Member Liaison to COC:** Kimberly Kenne

**PUSD Staff:** Nelson M. Cayabyab, Chief Facilities Officer; Nadia Zendejas, Executive Secretary.

**I. CALL TO ORDER**

*Mr. Hocutt*

Mr. Hocutt called the meeting to order at 6:38 p.m.

**II. PUBLIC COMMENT**

*Mr. Hocutt*

There were no public comments.

**III. Business**

a. Approval of February Minutes

Dr. Rahn moved to approve the February 21, 2019 Meeting Minutes as submitted. Ms. Wang seconded. Vote: 5 to 0

b. Status of Applications for new COC Members

Mr. Hocutt informed the committee that 6 candidates were selected from those that were interviewed. Mr. Hocutt introduced the 5 candidates that were present at the meeting. More formal self-introductions will be made after confirmation by the Board of Education.

c. Appointment of Parliamentarian, Follow-up Coordinator and Facilities Committee Liaison

Mr. Hocutt appointed Dr. Rahn as the committee's Parliamentarian and follow-up coordinator. She will send an e-mail to remind anyone who is assigned a task in the meetings.

Mr. Chip Ossman volunteered to serve as the facilities liaison. Once he is officially on the committee, Mr. Hocutt will appoint him.

d. Election of new Vice-Chair

This agenda item was tabled until the new members are approved. Anyone who would be interested in serving as the new Vice-Chair should email Mr. Hocutt.

e. Discussion of attendance and involvement and e-mail discussions to facilitate work between meetings.

Mr. Hocutt reminded the committee members of the importance of attending the meeting and participating. He also reminded the members to abide by the Brown Act rules and not to group e-mail any discussions relating to the committee's agenda items that would call for a decision.

f. Review of the definition of "oversight"

Mr. Hocutt read the definition of the word "oversight" from the Harper Collins Advance English Dictionary and from Wikipedia. He also read Education Code section 15278 to remind the committee members that they were an oversight committee and responsible for ensuring bond funds are spent only for purposes specified under the law.

g. Status of request for interview by the Press

Mr. Hocutt reported that he was approached by several members of the press requesting to interview him. He initially declined an interview but did meet with one reporter on the condition of being "off the record" for background purposes.

h. Summary of Annual Report to the Board of Education and Response requested from the Board of Education.

Mr. Vitale moved that the committee request the Board of Education to provide a formal response to the annual report provided to them at the previous Board of Education meeting. Dr. Rahn seconded the motion. Vote: 5 to 0, passed unanimously.

i. Assignments to COC committees

Mr. Hocutt presented a spreadsheet with the different sub-committees that exist within the COC committee. He suggested names of members to participate on each of the subcommittees. Final determinations were to be made by the next meeting.

j. Discussion of RFP's for auditors for the current Fiscal Year.

Mr. Cayabyab incorporated the language and recommendations that the committee had made on the draft RFP document for auditors.

k. Review of new Board Reports

The committee discussed the board reports and moved to approve all board reports for full board approval. It was noted that the COC contains experts in various fields and should be an enormous asset for usage by the Board of Education.

l. Consideration of "how we can help" document

The committee agreed that they would stay within their purview.

Mr. Vitale motioned for the committee to stay the course and will continue to help PUSD but will do it within the COC's purview.

Dr. Rahn seconded. Motion passed vote: 3 to 0 and 2 abstained.

#### **IV. Report By Chief of Facilities**

Mr. Cayabyab reported to the committee that the construction of the Norma Coombs and John Muir school sites are moving on schedule and everything is going well. Facilities expects to deliver the PHS modernization earlier than June.

He added that he is holding on to the last payment of the architect and the project inspector until the entire DSA close out certification has been completed on the project.

#### **V. Report by Board Liaison to the COC, including requirement for new budget document for Measure TT projects**

Ms. Kenne reported on four items.



- 1) The Board will work on providing a response to the COC's recommendations noted on the COC annual report. This item will be discussed at the April Facilities committee meeting, then it will be taken to the Board, so the COC will not see anything until the May meeting.
- 2) The Boundary and Consolidation Committee presented their recommendations at the March 15, 2018 board meeting and the Board is not moving forward with the recommendations. The question is what will the next steps be and what is the time line and process in doing them.
- 3) The district received a "qualified" grade, upgraded from a 'negative' grade on the second interim report, temporarily satisfying the County Educational Committee.
- 4) She is happy with the construction status report but she would like to see enhancements.

#### **VI. Report by COC Liaison to Facilities Committee**

There was no report by the facilities liaison.

#### **VII. Next meeting date. April 18, 2018**

#### **VIII. Adjournment**

The meeting adjourned at 8:30 p.m.

| ANALYSIS OF BOARD REPORTS 1286 through 1295         |   |           |   |   | Date: 4-15-18                                   |
|---|---|-----------|---|---|---|
| BOARD REPORTS ARE IN DRAFT FORM, per District Staff |   |           |   |   |   |
| Board Report Item                                   | DESCRIPTION   | TT COSTS  | Argument <b>FOR</b> Approval                  | Argument <b>AGAINST</b> Approval  | COC RECOMMENDATION for the Facilities Committee |
|   |   |           |   |   |   |
| <b>1286-F</b>                                       | BR 1286 was to approve the Measure TT Priority list   |           |   |   | Items 1 through 13 and 15A were approved.       |
|   |   |           |   |   |   |
| <b>1287-F</b>                                       | This BR has not been seen by the COC. IT was a request to reject all bids for the replcement of the Norma Coombs chillers for HVAC  |           |   |   | The Board approved this BR on April 12, 2018.   |
|   |   |           |   |   |   |
| <b>1288-F</b>                                       | This BR has not been seen by the COC  |           |   |   |   |
|   |   |           |   |   |   |
| <b>1289-F</b>                                       | This BR has not been seen by the COC  |           |   |   |   |
|   |   |           |   |   |   |
| <b>1290-F</b>                                       | A change order for Washington Elementary, bringing total changes to a 12.9% increase. It is based on "unforeseen conditions" ( <i>at the 98% completion mark</i> ) and changes made by the District. This BR shows a total budget of \$16.3M while the just approved MTT budget is \$20.5 M | \$224,482 | Each small project is logical in its content. | Multiple small changes that "should" (?) have been seen in the initial design. The largest item (\$140K) is to provide and install storm water retention system required by LA Country. This wasn't known up front? |   |

| ANALYSIS OF BOARD REPORTS 1286 through 1295         |  |           |  |  | Date: 4-15-18                                   |
|---|--|-----------|--|--|---|
| BOARD REPORTS ARE IN DRAFT FORM, per District Staff |  |           |  |  |   |
| Board Report Item                                   | DESCRIPTION  | TT COSTS  | Argument <b>FOR</b> Approval   | Argument <b>AGAINST</b> Approval   | COC RECOMMENDATION for the Facilities Committee |
| 1291-F  | This BR is for PBWS Architects' additional structural analysis, repair design and DSA processing for items improperly installed or damaged by the contractor and for admin costs due to the extended duration of the construction phase at Sierra Madre Middle School. | \$76,665  | This is a reduction of the original request for \$102,220 and some costs should be recoverable from the contractor.  | How does work get accomplished not to contract if we have inspectors 100% engaged at the project ? How do we bring in equipment that is too large and too heavy, requiring additional architectural support? |   |
| 1292-F  | This BR is for change order # 3 with Pinner Constructor for Blair High School. The BR states the contract value is \$21M while the newly approved MTT budget is \$28M.   | \$275,024 | Many small changes. The two largest were for removal of black iron studs and replacement (\$101K), and \$112 for new roofing work due to existing deteriorated conditions. | Is the contract so explicit that we have to add \$1,500 for a junction box to help pull wires ?  |   |

**BOARD OF EDUCATION  
PASADENA UNIFIED SCHOOL DISTRICT  
PASADENA, CALIFORNIA**

**Topic:** APPROVAL OF CHANGE ORDER NO. 11 WITH G2K CONSTRUCTION FOR THE WASHINGTON ACCELERATED ELEMENTARY SCHOOL– NEW CONSTRUCTION/ CAMPUS ENRICHMENT PROJECT.

**RECOMMENDATION:** The Governing Board of the Pasadena Unified School District approves Change Order No. 11 with G2K Construction for the Washington Accelerated Elementary School – New Construction/ Campus Enrichment in the amount of \$224,481.59

**District Priority/Strategy:** To ensure a clean, safe, and orderly environment that supports learning.

**I. BACKGROUND**

On June 26, 2014 The Board of Education approved the contract for Construction for the Washington Accelerated Elementary School – New Construction/ Campus Enrichment project to G2K Construction in the amount of \$14,439,000.00. There were ten previous change orders in the amount of \$1,641,123.57 bringing the total value to \$16,080,123.57

**II. STAFF ANALYSIS**

District staff recommends the approval of Change Order No. 11 with G2K Construction for the Washington Accelerated Elementary School – New Construction/Campus Enrichment in the amount of \$224,481.59. This change order represents unforeseen conditions and Architect/ District requested scope changes and approved construction coordinated design items. With this change order (No. 11) the total contract value for the project will be \$16,306,448.94 and the total change order percentage will be 12.9% at approximately 98% completion of the overall project.

The Facilities Committee vetted this Board Report on April 19, 2018

**Attachments:** Change Order No. 11

**III. FISCAL IMPACT**

Funds in an amount not to exceed \$224,481.59 are available in the Washington Elementary School Measure TT Account.

**Pasadena Unified School District  
Board of Education Agenda:** April 26, 2018  
**Prepared by:** Nelson M. Cayabyab, Chief Facilities Officer

**Funding code:** 21.1-95045.0-00000-85000-6270-0750000

Originator: Nelson Cayabyab, Chief Facilities Officer

CHANGE ORDER NUMBER # 11  
Page 1 of 8

**EXHIBIT P**

PASADENA UNIFIED SCHOOL DISTRICT

**CHANGE ORDER NUMBER 11**

**Distribution to:**

Owner: Pasadena Unified School District  
Architect: LPA, Inc.  
Contractor: G2K Construction, Inc.  
Inspector of Record: Ned Khachikian

**PROJECT:** Washington Accelerated Elementary School

**INITIATION DATE:** April 11, 2018  
**OWNER:** Pasadena Unified School District  
**ARCHITECT:** LPA, Inc.  
**CONTRACTOR:** G2K Construction, Inc.  
**D.S.A. File:** File # 19-80; A# 03-113658  
**CONTRACT DATE:** Nov. 03, 2014  
**COMPLETION DATE:** Dec. 21, 2016

**You are directed to make the following changes in this contract:**

**DETAILED DESCRIPTION OF CHANGES**

**ITEM NO. 01: COP 121R3 Restroom Utility Extension**

Extend restroom utilities to second floor of Bldg. C for potential future restroom.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Owner Request

| TOTAL                         | DOLLAR | AMOUNT     | OF            |
|-------------------------------|--------|------------|---------------|
| CHANGE.....                   |        | \$3,053.98 |               |
| CHANGE IN CONTRACT TIME ..... |        | Zero       | Calendar days |

**ITEM NO. 02: COP 183 Replace (E) Fire Alarm Anunciator and Provide Fiber Connection**

Replace existing Fire Alarm Anunciator and provide new network cards and fiber connection to existing fiber network.

REQUESTED BY: G2K Construction, Inc.

**EXHIBIT P**

REASON FOR CHANGE: ???????

| TOTAL                         | DOLLAR | AMOUNT      | OF            |
|-------------------------------|--------|-------------|---------------|
| CHANGE.....                   |        | \$29,720.80 |               |
| CHANGE IN CONTRACT TIME ..... |        | Zero        | Calendar days |

**ITEM NO. 03: COP 197R1 Fire Sprinkler Auxiliary Drains**

Provide and install additional fire sprinkler system auxiliary drains in Bldg. D.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Contractor

| TOTAL                         | DOLLAR | AMOUNT     | OF            |
|-------------------------------|--------|------------|---------------|
| CHANGE.....                   |        | \$4,370.23 |               |
| CHANGE IN CONTRACT TIME ..... |        | Zero       | Calendar days |

**ITEM NO. 04: COP 198 Grease Interceptor Backwater Valve**

Provide and install backwater valve at Bldg. D grease interceptor.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Coordination

| TOTAL                         | DOLLAR | AMOUNT     | OF            |
|-------------------------------|--------|------------|---------------|
| CHANGE.....                   |        | \$6,764.75 |               |
| CHANGE IN CONTRACT TIME ..... |        | Zero       | Calendar days |

**ITEM NO. 05: COP 202 Building Gas Service Isolation**

Provided and installed gas shut off valves in yard boxes to isolate gas service to Buildings C&D.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Owner request

| TOTAL       | DOLLAR | AMOUNT     | OF |
|-------------|--------|------------|----|
| CHANGE..... |        | \$2,497.88 |    |



**EXHIBIT P**

CHANGE IN CONTRACT TIME.....Zero Calendar days

**ITEM NO. 06: COP 212 Provide Pathway to Existing P.A. Cabinet**

Provide new conduit pathway to existing P.A. termination cabinet for connection of new P.A. and Clock systems (existing conduit do not provide adequate pathway / capacity).

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Owner request ???

| TOTAL                        | DOLLAR | AMOUNT     | OF                 |
|------------------------------|--------|------------|--------------------|
| CHANGE.....                  |        | \$8,527.xx |                    |
| CHANGE IN CONTRACT TIME..... |        |            | Zero Calendar days |

**ITEM NO. 07: 215 Restroom Transfer Grill**

Provided and installed a transfer air grille for Bldg. C restroom 109.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Coordination

| TOTAL                         | DOLLAR | AMOUNT      | OF | CHANGE             |
|-------------------------------|--------|-------------|----|--------------------|
| .....                         |        | \$10,317.83 |    |                    |
| CHANGE IN CONTRACT TIME ..... |        |             |    | Zero Calendar days |

**ITEM NO. 08: COP 218 Fire Water Line Connection**

Upgrade project's security cameras.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Contractor

| TOTAL                         | DOLLAR | AMOUNT     | OF | CHANGE             |
|-------------------------------|--------|------------|----|--------------------|
| .....                         |        | \$4,424.81 |    |                    |
| CHANGE IN CONTRACT TIME ..... |        |            |    | Zero Calendar days |

**EXHIBIT P**

**ITEM NO. 09: COP 219 Storm Drain Line Connection.**

Install storm drain extension to intercept storm drain line from Middle School site left short under separate contract.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Owner Request

| TOTAL                   | DOLLAR | AMOUNT     | OF       | CHANGE |
|-------------------------|--------|------------|----------|--------|
| .....                   |        | \$9,306.77 |          |        |
| CHANGE IN CONTRACT TIME | .....  | Zero       | Calendar | days   |

**ITEM NO. 10: COP 222 Backwater Valve for Sewer Line**

Provide and install sewer line backwater valve in yard box.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Existing Condition

| TOTAL                   | DOLLAR | AMOUNT     | OF       | CHANGE |
|-------------------------|--------|------------|----------|--------|
| .....                   |        | \$5,430.35 |          |        |
| CHANGE IN CONTRACT TIME | .....  | Zero       | Calendar | days   |

**ITEM NO. 11: COP 224 Fire Dept. Connection Check Valve**

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE:

| TOTAL                   | DOLLAR | AMOUNT     | OF       | CHANGE |
|-------------------------|--------|------------|----------|--------|
| .....                   |        | \$3,262.78 |          |        |
| CHANGE IN CONTRACT TIME | .....  | Zero       | Calendar | days   |

**ITEM NO. 12: COP 225 Sewer Line Backwater Valve**

REQUESTED BY: G2K Construction, Inc.

**EXHIBIT P**

REASON FOR CHANGE:

| TOTAL                   | DOLLAR | AMOUNT     | OF       | CHANGE |
|-------------------------|--------|------------|----------|--------|
| .....                   |        | \$8,058.99 |          |        |
| CHANGE IN CONTRACT TIME | .....  | Zero       | Calendar |        |
| days                    |        |            |          |        |

**ITEM NO. 13: COP 226R1 Temporary Storm Drain Connection**

Install temporary storm drain line prior to significant rain event.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Owner Request

| TOTAL                   | DOLLAR | AMOUNT      | OF       | CHANGE |
|-------------------------|--------|-------------|----------|--------|
| .....                   |        | \$18,788.17 |          |        |
| CHANGE IN CONTRACT TIME | .....  | Zero        | Calendar |        |
| days                    |        |             |          |        |

**ITEM NO. 14: COP 227 Storm Water Retention System**

Provide and install storm water retention system required by LA County.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Agency Requirement (LA County)

| TOTAL                   | DOLLAR | AMOUNT       | OF       | CHANGE |
|-------------------------|--------|--------------|----------|--------|
| .....                   |        | \$140,111.07 |          |        |
| CHANGE IN CONTRACT TIME | .....  | Zero         | Calendar |        |
| days                    |        |              |          |        |

**ITEM NO. 15: COP 228 Stair Wall Flashing**

Provide and install flashing at Bldg. C's exterior stair wells.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Coordination

| TOTAL | DOLLAR | AMOUNT     | OF | CHANGE |
|-------|--------|------------|----|--------|
| ..... |        | \$3,687.61 |    |        |

**EXHIBIT P**

CHANGE IN CONTRACT TIME .....Zero Calendar days

**ITEM NO. 16: COP 229 Site Trench Drain**

Upgrade access road trench drain.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Coordination

| TOTAL   | DOLLAR | AMOUNT     | OF | CHANGE |
|---|--------|------------|----|--------|
| .....   |        | \$1,058.49 |    |        |
| CHANGE IN CONTRACT TIME .....Zero Calendar days |        |            |    |        |

**ITEM NO. 17: COP 230 Power to Exhaust Fans-Bldg. C.**

Provide correct line voltage to Bldg. C exhaust fans.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Coordination

| TOTAL   | DOLLAR | AMOUNT     | OF | CHANGE |
|---|--------|------------|----|--------|
| .....   |        | \$4,185.44 |    |        |
| CHANGE IN CONTRACT TIME .....Zero Calendar days |        |            |    |        |

**ITEM NO. 18: COP 234 Access Portal Flashing**

Provide sill flashing at cased HVAC equipment wells at Bldg. D.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Owner Request

| TOTAL   | DOLLAR | AMOUNT     | OF | CHANGE |
|---|--------|------------|----|--------|
| .....   |        | \$1,006.22 |    |        |
| CHANGE IN CONTRACT TIME .....Zero Calendar days |        |            |    |        |

**ITEM NO. 19: COP 243 Low Voltage Dimming Light Switches**

Provide low voltage dimming switches for pendant lighting in all classrooms.

REQUESTED BY: G2K Construction, Inc.

REASON FOR CHANGE: Owner Request

| TOTAL                   | DOLLAR | AMOUNT      | OF       | CHANGE |
|-------------------------|--------|-------------|----------|--------|
| .....                   |        | \$19,925.49 |          |        |
| CHANGE IN CONTRACT TIME | .....  | Zero        | Calendar | days   |

**ITEM NO. 20: Credit for Bid Allowance for Security System**

Contract amount included a \$60,000 allowance for security system. A security system will not be included in the G2K scope of work and the allowance amount is credited to the owner.

REQUESTED BY: Owner

REASON FOR CHANGE: Allowance not used

| TOTAL                   | DOLLAR        | AMOUNT | OF       | CHANGE |
|-------------------------|---------------|--------|----------|--------|
| .....                   |               |        |          | CREDIT |
| .....                   | (\$60,000.00) |        |          |        |
| CHANGE IN CONTRACT TIME | .....         | Zero   | Calendar | days   |

Not valid until approved by the School District, Contractor and Architect.

Signature of the Contractor indicates his agreement herewith, including any adjustment in the Contract Sum or Contract Time. The Architect has reviewed the figures submitted by the Contractor, and they have been reviewed and approved by the School District; we believe this request is valid and recommend your approval for acceptance.

Contractor accepts the terms and conditions stated herein as full and final settlement of any and all claims arising from this Change Order. Contractor agrees to perform the above described work in accordance with the terms herein and in compliance with the applicable sections of the contract documents. This change order is hereby agreed to, accepted, and approved, all in accordance with the General Conditions of the contract documents.

The original Contract Price was  
.....\$14,439,000.00

**EXHIBIT P**

Net change by previously authorized Change Orders  
.....\$1,641,123.57

The Contract Price prior to this Change Order was  
.....\$16,080,123.57

The Contract Price will be increased by this Change  
Order.....\$224,481.59

The Contract Price including this Change Order will be  
.....\$16,304,605.16

The Contract Time is changed by a total of Zero calendar days, therefore, the Date of Substantial Completion from the previously approved date of Dec. 21, 2016 remains unchanged.

**ARCHITECT:**

LPA, Inc.  
5161 California Ave.  
Suite 100  
Irvine, CA 92617

By:

DATE: April 11, 2018

**CONTRACTOR:**

G2K Construction, Inc.  
28348 Roadside Dr.  
Suite 205  
Agora Hills, CA 91301

By:

DATE:

**OWNER:** Pasadena Unified School

District  
351 So. Hudson Avenue  
Pasadena, CA 91103

By:

DATE:

**BOARD OF EDUCATION  
PASADENA UNIFIED SCHOOL DISTRICT  
PASADENA, CALIFORNIA**

**Topic:** APPROVAL TO INCREASE CONTRACT WITH PBWS ARCHITECTS FOR THE SIERRA MADRE UPPER CAMPUS IMPROVEMENTS PROJECT

**RECOMMENDATION:** The Governing Board of the Pasadena Unified School District approves the amendment to increase contract with PBWS Architects in the amount not to exceed \$76,665.00

**District Priority/Strategy:** To ensure a clean, safe, and orderly environment that supports learning.

**I. BACKGROUND**

On September 22, 2009 the Board Approved BR for the Project Assignment Agreement 67-1 for Sierra Madre Upper Campus Improvements project with PBWS in the amount of \$ 2,020,000.00. Additionally, a total of 2 amendments totaling \$80,200.00 for additional services for District directed design changes and additional design scope that were subsequently approved by the Board. The project has since been bid, a construction contract awarded to Sinanian Construction and the construction has been completed. PBWS is requesting to adjust their final fee to include additional services in the amount of \$76,665.00. The additional services fee is for structural analysis, repair design and DSA approval processing for items either improperly installed or damaged by the contractor and for additional construction administration costs due to the extended duration of construction phase for the project.

**II. STAFF ANALYSIS**

District staff recommends approving the amendment, in the amount of \$76,665.00 to the contract agreement with PBWS Architects. It is noted that PBWS has reduced their original requested additional fees by 25%.

The Facilities Committee vetted this Board Report on April 19, 2018.

**Attachment:** PBWS Revised Proposal (with original proposals)

**III. FISCAL IMPACT**

Funds in an amount not to exceed \$76,665.00 are available in the Measure TT Sierra Madre Upper Campus School account.

**Pasadena Unified School District  
Board of Education Agenda:** April 26, 2018  
**Prepared by:** Nelson Cayabyab, Chief Facilities Officer

Funding code: 21.1-95133.0-00000-85000-6210-0600000

March 23, 2018

**VIA EMAIL Anson Rane (spo-ranea@pusd.us)**

**Mr. Anson Rane**

Pasadena Unified School District  
740 West Woodbury  
Pasadena, CA 91103

**RE: Proposal for Reduced Additional Services Fees  
PUSD Measure TT Improvements  
Sierra Madre Upper Campus  
PBWS P/N 09007.00**

Dear Anson:

We have reviewed the pending additional services requests for reduction as requested. These include

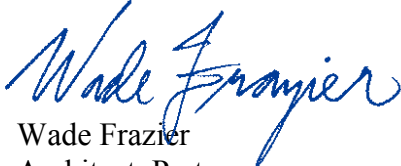
- **ASR-5** (Structural analysis and approval repairs of damage to wood framing and other non-compliant construction) original amount **\$48,720**
- **ASR-6** (Extended time for construction administration beyond original contract) original amount **\$45,000**
- **ASR-7** (Engineering and approval of attachment for substituted HVAC equipment) original amount **\$8,500**

These items originally totaled to **\$102,220**. See original ASRs attached. In the interest of assisting the District we agree to reduce this requested amount to **\$76,665**. It should be noted that some of these costs should be recoverable from the contractor as noted in the original ASR proposals.

We appreciate your consideration for this. Please don't hesitate to call if you have any questions.

Sincerely,

**PBWS architects**



Wade Frazier  
Architect, Partner



September 22, 2015

VIA EMAIL Richard Kent (kent.richard@pusd.us)

**Mr. Richard Kent**

Pasadena Unified School District  
740 West Woodbury  
Pasadena, CA 91103

**RE: Proposal for Additional Services for Structural Engineering–  
Contractor Generated DSA issues.  
PUSD Measure TT Improvements  
Sierra Madre Upper Campus  
PBWS P/N 09007.00**

Dear Rick:

As you know our team worked to prepare revision document to justify how some construction was completed by the Contractor and/or their subcontractors at variance with the construction documents which required review per the DSA CCD process. We also prepared documents for repair to damaged structure caused by the Contractor and/or subcontractors that required review by the DSA CCD review process. There was significant effort by our team to mitigate these issues caused by the Contractor. The three issue are 1.) The fix for the steel brace frames 2.) The fix for the installation of the ATS hold-down system. 3.) The repair method for various wood element damaged for utility installation. We are requesting additional fee for the structural engineering services effort for these items in the amount of \$48,720.00. We understand that some of this will be credit change orders to the Contractor.

We appreciate your consideration for this. Please don't hesitate to call if you have any questions.

Sincerely,

**PBWS architects**



Wade Frazier  
Architect, Partner

March 3, 2016

VIA EMAIL Richard Kent (kent.richard@pusd.us)

**Mr. Richard Kent**

Pasadena Unified School District  
740 West Woodbury  
Pasadena, CA 91103

**RE: Proposal for Additional Services for Extended Construction  
Administration Fees due to Construction Activity Beyond the  
Contracted Duration.  
PUSD Measure TT Improvements  
Sierra Madre Upper Campus  
PBWS P/N 09007.00**

Dear Rick:

As you are aware of, the Construction Phase of the Sierra Madre Middle School is ongoing. The NTP issued to the Contractor indicates that the calendar duration shall be 600 days for this project. The first construction meeting held was July 10, 2013. On January 11, 2016 the number of Calendar days exceeded 900.

Our office is and has always been committed to providing high quality Architectural services through project completion without interruption. Unfortunately, the duration of the construction has exceeded our budgetary expectations. The financial impact of this extended period has created the need for us to request additional compensation.

We are respectfully requesting additional fees for the extended construction administration effort in the amount of \$45,000.00.

We appreciate your consideration for this. Please don't hesitate to call if you have any questions.

Sincerely,

**PBWS architects**



Wade Frazier  
Architect, Partner

March 3, 2016

**VIA EMAIL Richard Kent (kent.richard@pusd.us)**

**Mr. Richard Kent**  
Pasadena Unified School District  
740 West Woodbury  
Pasadena, CA 91103

**RE: Proposal for Additional Services for Structural Calculations and  
Details due to Mechanical Equipment Substitutions.  
PUSD Measure TT Improvements  
Sierra Madre Upper Campus  
PBWS P/N 09007.00**

Dear Rick:

During the construction of the Sierra Madre Middle School the Contractor submitted mechanical equipment that is larger and heavier than the equipment specified in the Contract Documents. This substituted equipment required additional Engineering and detailing to be submitted to DSA for approval.

We are respectfully requesting additional fees for the extended Engineering efforts in the amount of \$8,500.00.

The fees related to this work should be passed onto the Contractor as the larger substituted equipment is not equal to the equipment specified

We appreciate your consideration for this. Please don't hesitate to call if you have any questions.

Sincerely,

**PBWS architects**

  
Wade Frazier  
Architect, Partner

**PASADENA UNIFIED SCHOOL DISTRICT  
PASADENA, CALIFORNIA**

**Topic:** APPROVAL OF CHANGE ORDER NO. 3 WITH PINNER CONSTRUCTION FOR THE BLAIR IB MAGNET SCHOOL MODERNIZATION PROJECT.

**RECOMMENDATION:** The Governing Board of the Pasadena Unified School District approves Change Order No. 3 with Pinner Construction for the Blair IB Magnet School Modernization project in the amount of \$275,024.76

**District Priority/Strategy:** To ensure a clean, safe, and orderly environment that supports learning.

**I. BACKGROUND**

On February 23, 2017, the Board of Education approved the contract for Construction for the Blair IB Magnet School Modernization project to Pinner Construction in the amount of \$20,239,000. There have been two previous change orders in the total amount of \$526,863.04 bringing the total value to \$20,765,863.04.

**II. STAFF ANALYSIS**

District staff recommends the approval of Change Order No. 3 with Pinner Construction for the Blair IB Magnet School Modernization project in the amount not to exceed \$275,024.76. This change order represents unforeseen conditions and Architect/ District requested scope changes. With this change order (No. 3) the total contract value for the project will be \$21,040,887.80 and the total change order percentage will be 4% at approximately 55% completion of the overall project.

The Facilities Committee vetted this Board Report on April 19, 2018

**Attachments:** Change Order No. 3

**III. FISCAL IMPACT**

Funds in an amount not to exceed \$275,024.76 are available in the Blair IB Magnet School Modernization project Measure TT Account.

**Pasadena Unified School District  
Board of Education Agenda:** April 26, 2018  
**Prepared by:** Nelson M. Cayabyab, Chief Facilities Officer

**Funding code:** 21.1-95056.0-00000-85000-6270-0800000

Originator: Nelson Cayabyab, Chief Facilities Officer

## CHANGE ORDER NUMBER #03

**Distribution to:**

Owner: Pasadena Unified School District  
Architect: gkkWorks  
Contractor: Pinner Construction Co, Inc.  
Inspector of Record: Ned Khachikian

**PROJECT:** Blair IB Magnet School Modernization  
**INITIATION DATE:** 12/8/2017  
**OWNER:** Pasadena Unified School District  
**ARCHITECT:** gkkWorks  
**CONTRACTOR:** Pinner Construction Co, Inc.  
**D.S.A. File:** File # 19-H19; A# 03-113709

**CONTRACT DATE:** April 10, 2017  
**COMPLETION DATE:** November 21, 2018

**You are directed to make the following changes in this contract:**

**DETAILED DESCRIPTION OF CHANGE**

**ITEM NO. 01: PC# 009 Projector Mount Accessory**  
Deduct Cost deleting the projector mount accessory.

**REQUESTED BY:** PUSD

**REASON FOR CHANGE:** Accessories were not needed. PUSD ask for Credit.

**TOTAL DOLLAR AMOUNT OF CHANGE**.....\$(8,678.25)  
**CHANGE IN CONTRACT TIME** .....Zero Calendar days

**ITEM NO. 02: PC# 024 Rusted Deck at Existing Lunch Shelters**  
Added cost to remove rust and replace the rusted metal Deck at existing Lunch Shelters.

**REQUESTED BY:** PUSD/Architect

**REASON FOR CHANGE:** After removal of existing roofing, Per Structural recommendation, the exposed rust and damaged metal deck needed repair.

**TOTAL DOLLAR AMOUNT OF CHANGE**.....\$5,157.26  
**CHANGE IN CONTRACT TIME** .....Zero Calendar days

**ITEM NO. 03: PC# 030R1 Concrete Pad Extension**

Labor and material to enlarge the concrete pad at fan rooms to accommodate the size of mechanical systems.

REQUESTED BY: PUSD/Architect

REASON FOR CHANGE: Enlargement of Pads were required due to size of mechanical units..

TOTAL DOLLAR AMOUNT OF CHANGE.....\$10,632.59  
CHANGE IN CONTRACT TIME .....Zero Calendar days

**ITEM NO. 04: PC# 040 Demolish Cabinets**

Labor to demolish casework in storage rooms 195 and 196.

REQUESTED BY: PUSD/Architect

REASON FOR CHANGE: The casework was old and deteriorating. Removed per PUSD.

TOTAL DOLLAR AMOUNT OF CHANGE.....\$4,175.33  
CHANGE IN CONTRACT TIME .....Zero Calendar days

**ITEM NO. 05: PC# 049 Additional stair treads at roof**

Labor and material to add two stair treads at stair #1 accessing the roof. And raise elevator curb.

REQUESTED BY: PUSD/Architect

REASON FOR CHANGE: Additional Stair was needed to access the roof after addition of rigid insulation.  
The height for some of the wooden curbs at roof needed to be raise due to installation of rigid insulation.

TOTAL DOLLAR AMOUNT OF CHANGE.....\$2,117.53  
CHANGE IN CONTRACT TIME .....Zero Calendar days

**ITEM NO. 06: PC# 054 Demolition of underground low voltage Concrete Encased at Restroom**

Labor to remove concrete encasement at restroom.

REQUESTED BY: PUSD/Architect

REASON FOR CHANGE: Existing concrete encasement was discovered during the demolition of the slab at restroom remodel. Removal was needed to install new plumbing lines.

TOTAL DOLLAR AMOUNT OF CHANGE.....\$2,143.18  
CHANGE IN CONTRACT TIME .....Zero Calendar days

**ITEM NO. 07: PC# 062 Electric Sheet Metal Gutter**

Labor and material to install two new 8"x8"x24" electric gutter at Panel "1LH" to utilize Feeder and Branch Conduits.

REQUESTED BY: Architect

REASON FOR CHANGE: The gutters were required due to congestion inside the small electric rooms.

TOTAL DOLLAR AMOUNT OF CHANGE.....\$1,847.15

CHANGE IN CONTRACT TIME .....Zero Calendar days

**ITEM NO. 08: PC# 065 Add Junction Box at Conduits**

Labor and material to cut existing conduits and install new junction box.

REQUESTED BY: Architect/PUSD

REASON FOR CHANGE: Contractor could not pull existing feeders inside the existing conduits. Adding the junction box helped pulling the wires.

TOTAL DOLLAR AMOUNT OF CHANGE.....\$1,511.31

CHANGE IN CONTRACT TIME .....Zero Calendar days

**ITEM NO. 09: PC# 068 Lead Paint Abatement**

Labor and material to abate Lead Paint at Structural steel supporting the HVAC units on top of doghouse (Dormer).

REQUESTED BY: Architect/PUSD

REASON FOR CHANGE: The lead paint at structural steel was unforeseen and needed to be removed to allow welding for the mechanical equipment supports.

TOTAL DOLLAR AMOUNT OF CHANGE.....\$20,865.00

CHANGE IN CONTRACT TIME .....Zero Calendar days

**ITEM NO. 10: PC# 070 Reverse Motors for Smoke Fire Dampers**

Added cost to reverse the position of smoke fire dampers motors.

REQUESTED BY: Architect/PUSD

REASON FOR CHANGE: Reversing the fire dampers motors would allow testing and maintenance for these devices to occur from inside of the classrooms without having to go through access panels.

TOTAL DOLLAR AMOUNT OF CHANGE.....\$11,716.08

CHANGE IN CONTRACT TIME .....Zero Calendar days

**ITEM NO. 11: PC# 071      Replace Old Fashioned Black Iron Stud walls with Standard Studs**

Added material and labor cost to remove and replace existing black iron Steel walls.  
And provide new steel stud walls at first and second floor.

REQUESTED BY:      District/Architect

REASON FOR CHANGE: Per District's request all remaining black iron studs were removed and replaced.  
This allows for installation of casework and other wall mounted equipment.

TOTAL DOLLAR AMOUNT OF CHANGE.....\$101,126.77

CHANGE IN CONTRACT TIME .....Zero Calendar days

**ITEM NO. 12: PC# 077      Add Pony Wall at low Roof**

Material and Labor to add Pony wall at low roof.

REQUESTED BY:      District/PUSD

REASON FOR CHANGE: Due to revision to rigid insulation heights, the pony wall was added to provide  
support for rigid insulation on both side of the wall.

TOTAL DOLLAR AMOUNT OF CHANGE.....\$2,602.24

CHANGE IN CONTRACT TIME .....Zero Calendar days

**ITEM NO. 13: PC# 083      Conduit Repair**

Additional material and Labor to replace conduits damaged during excavation.

REQUESTED BY:      District/Architect

REASON FOR CHANGE: To change the unforeseen electrical conduits embedded in existing concrete  
damaged during excavation and installation of underground plumbing lines.

TOTAL DOLLAR AMOUNT OF CHANGE.....\$7,097.98

CHANGE IN CONTRACT TIME .....Zero Calendar days

**ITEM NO. 14: PC# 089R1      Roofing System Additions / Changes**

Additional material and Labor for added roofing scope / system improvements



REQUESTED BY: District/Architect

REASON FOR CHANGE: To provide additional new roofing at existing deteriorated conditions and to provide repairs / additional scope of work at unforeseen roofing conditions.

TOTAL DOLLAR AMOUNT OF CHANGE.....\$112,710.59

CHANGE IN CONTRACT TIME .....Zero Calendar days

Not valid until approved by the School District, Contractor and Architect.

Signature of the Contractor indicates his agreement herewith, including any adjustment in the Contract Sum or Contract Time. The Architect has reviewed the figures submitted by the Contractor, and they have been reviewed and approved by the School District; we believe this request is valid and recommend your approval for acceptance.

Contractor accepts the terms and conditions stated herein as full and final settlement of any and all claims arising from this Change Order. Contractor agrees to perform the above described work in accordance with the terms herein and in compliance with the applicable sections of the contract documents. This change order is hereby agreed to, accepted, and approved, all in accordance with the General Conditions of the contract documents.

The original Contract Price was .....\$20,239,000.00

Net change by previously authorized Change Orders .....\$526,863.04

The Contract Price prior to this Change Order was .....\$20,765,863.04

The Contract Price will be increased by this Change Order..... \$275,024.76

The Contract Price including this Change Order will be .....\$21,040,887.80

The Contract Time is changed by a total of 0 calendar days, therefore, the Date of Substantial Completion is **November 21, 2018.**

**ARCHITECT:**  
gkkWorks  
155 South Fair Oaks Avenue  
Pasadena, CA 91105

**CONTRACTOR:**  
Pinner Construction Co, Inc.  
1255 S Lewis St  
Anaheim, CA 92805

**OWNER:** Pasadena Unified School District  
351 South Hudson Avenue  
Pasadena, CA 91103

By:

DATE: September 14, 2017

By:

DATE:

By:

DATE:

## PASADENA UNIFIED SD

Report Id: LAGL057C  
 Business Unit: 64881  
 Budget Period: 17-18

**Daily Cash  
 Balance  
 3/27/2018  
 81,760,883**

**Site Budget Inquiry - Summary**

| Resource | Project Name                           | Priority | Current MTT<br>Budget Allocated<br>in PeopleSoft | Proposed Changes<br>including 9%<br>contingencies | MTT Priority<br>List Plan |   |
|----------|--|----------|--|---|---------------------------|---|
| 95045.0  | Washington Accelerated                 | P01      | 1,826,843  | 270,322   | 2,097,165                 |   |
| 95075.0  | Pasadena High School Gym Mod           | P02a     | 10,184,771                                       | 1,151,291   | 11,336,062                |   |
| 95080.0  | Pasadena High School Campus Identity   | P02b     | 32,882   | 1,650,000   | 1,682,882                 |   |
| 95074.0  | Pasadena High School ADA               | P02c     | 230,000  | 20,702  | 250,702                   |   |
| 95119.0  | Pasadena High School Restrooms         | P02d     | 1,169,834  | 105,190   | 1,275,024                 |   |
| 95051.0  | J. Muir Modernization                  | P03a     | 13,914,308                                       | 1,200,917   | 15,115,225                |   |
| 95183.0  | J. Muir Black Box Theater              | P03b     | 393,322  | -150,000  | 243,322                   |   |
| 95812.0  | J. Muir Bldg D ADA / CDBG              | P03c     | 145,033  | -145,000  | 33                        |   |
| 95056.0  | Blair Modernization                    | P04      | 13,173,414                                       | 1,572,733   | 14,746,147                |   |
| 95005.0  | Blair Track                            | P04a     | 57,219   |   | 57,219                    |   |
| 95133.0  | Norma Coombs Admin & Classrm Bldg      | P05a     | 4,037,676  | 370,000   | 4,407,676                 |   |
| 95146.0  | HVAC - Norma Coombs                    | P05b     | 1,499,064  | 135,000   | 1,634,064                 |   |
| 95126.0  | Sierra Madre ES Phase II               | P06      | 676,854  | -570,000  | 106,854                   |   |
| 95170.0  | Rose City Modernization                | P07      | 213,529  | -140,000  | 73,529                    |   |
| 95146.0  | HVAC - Eliot                           | P08      | 798,312  | 71,963  | 870,275                   |   |
| 95146.0  | HVAC - Marshall                        | P09      | 999,150  | 89,924  | 1,089,074                 |   |
| 95146.0  | HVAC - Longfellow                      | P10      | 2,176,000  | 189,469   | 2,365,469                 |   |
| 95146.0  | HVAC - Don Benito                      | P11      | 221,615  | 2,600,000   | 2,821,615                 |   |
| 95025.0  | Roosevelt                              | P12      | 5,828,871  | -5,700,000  | 128,871                   |   |
| 95052.0  | Jackson Modernization                  | P13      | 380,095  | 1,800,000   | 2,180,095                 |   |
|          | Shade & Playground Needs               | P15a     |  | 970,100   | 970,100                   |   |
|          |  |          |  |   |                           | <b>Subtotal:<br/>Priority<br/>Projects<br/>including<br/>contingencies<br/>63,451,402</b> |
| 95000.0  | Facilities Admin                       |          | 1,969,198  | 7,250,000   | 9,219,198                 |   |
| 95010.0  | Madison Building A                     |          | 0  | 0   | 0                         |   |
| 95015.0  | Eliot Modernization                    |          | 584,962  | -584,962  | 0                         |   |
| 95030.0  | San Rafael Modernization               |          | 751,522  | -630,000  | 121,522                   |   |
| 95038.0  | Sierra Madre MS (New)                  |          | 336,965  | 986,000   | 1,322,965                 |   |
| 95046.0  | McKinley Phase I                       |          | 1,433,849  | -729,000  | 704,849                   |   |
| 95047.0  | Webster Modernization                  |          | 4,862  | -4,000  | 862                       |   |
| 95049.0  | Marshall Sports Complex                |          | 850,652  | -850,000  | 652                       |   |
| 95050.0  | Longfellow Kitchen / Auditorium        |          | 811,257  |   | 811,257                   |   |
| 95063.0  | Madison Modernization                  |          | 686,713  | -686,000  | 713                       |   |
| 95066.0  | Franklin Modernization                 |          | 2,588  | -2,500  | 88                        |   |
| 95067.0  | Washington Children's Center           |          | 109,196  |   | 109,196                   |   |
| 95068.0  | Altadena Modernization                 |          | 193,670  | -165,000  | 28,670                    |   |
| 95069.0  | Field Modernization                    |          | 370,811  | -370,000  | 811                       |   |
| 95071.0  | Hamilton Cafeteria                     |          | 16,124   | -16,000   | 124                       |   |
| 95073.0  | Jefferson Childcare Center             |          | 66,195   | -66,000   | 195                       |   |
| 95079.0  | Jefferson Modernization                |          | 177,216  |   | 177,216                   |   |
| 95081.0  | Washington Middle Modernization        |          | 2,576,421  |   | 2,576,421                 |   |
| 95097.0  | Don Benito Modernization               |          | 4,369,140  | -4,150,000  | 219,140                   |   |
| 95113.0  | Wilson Gym Modernization               |          | 272,888  | -245,000  | 27,888                    |   |
| 95115.0  | Willard Kinder & Pre-K                 |          | 40,905   | 5,000   | 45,905                    |   |
| 95121.0  | Cleveland Kitchen Modernization        |          | 3,482  | -3,000  | 482                       |   |
| 95123.0  | McKinley Phase II                      |          | 1,443,069  | -1,443,069  | 0                         |   |
| 95131.0  | Burbank Lunch Shelter                  |          | 134,101  |   | 134,101                   |   |
| 95136.0  | District-Wide Windows - Washington AES |          | 10,150   | -10,150   | 0                         |   |
| 95136.0  | District-Wide Windows - Washington MS  |          | 36,000   | -36,000   | 0                         |   |
| 95139.0  | Pasadena High School Kitchen           |          | 200,000  |   | 200,000                   |   |

## PASADENA UNIFIED SD

Report Id: LAGL057C  
 Business Unit: 64881  
 Budget Period: 17-18

|                               |
|-------------------------------|
| <b>Daily Cash<br/>Balance</b> |
| <b>3/27/2018</b>              |
| <b>81,760,883</b>             |

**Site Budget Inquiry - Summary**

| Resource           | Project Name                       | Priority | Current MTT<br>Budget Allocated<br>in PeopleSoft | Proposed Changes<br>including 9%<br>contingencies | MTT Priority<br>List Plan |
|--------------------|------------------------------------|----------|--|---|---------------------------|
| 95145.0            | District-Wide CTE - Washington MS  |          | 30,000   | -30,000   | 0                         |
| 95145.0            | District-Wide CTE - J. Muir HS     |          | 23,402   | -23,402   | 0                         |
| 95145.0            | District-Wide CTE - Rose City HS   |          | 8,000  | -8,000  | 0                         |
| 95145.0            | District-Wide CTE - Marshall FS    |          | 14,475   | -14,475   | 0                         |
| 95181.0            | Interim Housing - Don Benito       |          | 7,500  | 750,000   | 757,500                   |
| 95181.0            | Interim Housing - Wilson           |          | 200,000  | -200,000  | 0                         |
| 95184.0            | J. Muir Culinary                   |          | 488,395  | -350,000  | 138,395                   |
| 95185.0            | Marshall Old Gym Renovation        |          | 63,679   | -60,000   | 3,679                     |
| 95187.0            | Willard HVAC                       |          | 355,960  | -100,000  | 255,960                   |
| 95188.0            | Linda Vista Modernization          |          | 474,983  | -470,000  | 4,983                     |
| <i>UnAllocated</i> | <i>UnAllocated</i>                 |          | 4,683,762  | -4,683,762  | 0                         |
|                    | HVAC Needs District-wide           | P14      |  |   | 0                         |
|                    | Immediate Site Needs               | P15b     |  |   | 0                         |
|                    | Site Beautification District-wide  | P16      |  |   | 0                         |
|                    | Continue With Priority List        | P17      |  |   | 0                         |
| <b>TOTAL:</b>      |                                    |          | <b>81,760,883</b>                                |   | <b>80,314,173</b>         |
|                    | <i>UnAllocated for Contingency</i> |          |  |   | 1,446,710                 |

Budget vs. Commitments and Expenditures by Fund

MEASURE TT CASH BALANCE AS OF 03-27-18: 81,760,883

| 21.1 - (Measure TT Series A) |  |              |                                 |                  |   |                       |                               |                                       |                            |
|------------------------------|--|--------------|---------------------------------|------------------|---|-----------------------|-------------------------------|---------------------------------------|----------------------------|
| Priority                     | School Name - Project Name   | Total Budget | Total Cash Expenditures To Date | Unpaid Retention | Unpaid Stop Notice Withholdings (125% withheld) | Remaining Commitments | Unencumbered Budget Remaining | Total Remaining MTT Cash Requirements | 9% Contingency per Project |
| 1                            | Washington Accelerated Elementary School - New Classroom/MPR Bldg (95045.0)  | 20,512,401   | 18,107,966                      |                  | -   | 1,561,946             | 842,489                       | 2,404,435                             | 216,399                    |
| 2a                           | Pasadena High School - Modernize Gymnasium Complex (95075.0)   | 18,264,746   | 8,299,423                       | 284,780          | -   | 8,420,014             | 1,545,309                     | 9,965,323                             | 896,879                    |
| 2b                           | Pasadena High School - Campus Appearance/Identity (95080.0)  | 1,661,230    | 128,349                         |                  |   | 25,952                | 1,506,929                     | 1,532,881                             | 137,959                    |
| 2c                           | Pasadena High School - ADA Upgrade (DSA) (95074.0)   | 713,678      | 483,651                         |                  |   | 87,057                | 142,970                       | 230,027                               | 20,702                     |
| 2d                           | Pasadena High School - Campus Upgrds/Restrooms Upgrades (95119.0)  | 3,202,506    | 2,032,672                       |                  |   | 232,551               | 937,283                       | 1,169,834                             | 105,285                    |
| 3a                           | John Muir High School - Modernization, Abatement & Kitchen (95051.0)   | 29,509,786   | 16,166,262                      | 583,860          | 4,497   | 11,240,184            | 2,103,340                     | 13,343,524                            | 1,200,917                  |
| 3b                           | John Muir High School - JMuir Black Box Theater Project (95183.0)  | 3,742,566    | 3,349,244                       | 159,856          |   | 190,113               | 203,209                       | 393,322                               | 35,399                     |
| 3c                           | John Muir High School - Bldg D Accessiblity / CDBG Project (95812.0)   | 187,591      | 42,558                          |                  |   | 21,508                | 123,525                       | 145,033                               | 13,053                     |
| 4a                           | Blair High School - Modernization of Main Building (95056.0)   | 28,229,351   | 15,029,795                      |                  |   | 11,164,676            | 2,034,880                     | 13,199,556                            | 1,187,960                  |
| 4b                           | Blair Track & Field (95005.0)  | 123,476      | 64,046                          |                  |   | 59,430                | -                             | 59,430                                | 5,349                      |
| 5a                           | Norma Coombs Alternative - New CR Wing & Admin Bldg (95133.0)  | 9,183,883    | 5,099,693                       | 159,312          |   | 3,696,480             | 387,710                       | 4,084,190                             | 367,577                    |
| 5b                           | Norma Coombs Alternative - Plant Replacement   | 1,500,000    | 936                             |                  |   | 67,295                | 1,431,769                     | 1,499,064                             | 134,916                    |
| 6                            | Sierra Madre Elementary School (Lower) - Phase II - HVAC Auditrium Upgrades (95126.0)  | 1,348,451    | 672,337                         | 5,781            |   | 62,953                | 613,161                       | 676,114                               | 60,850                     |
| 7                            | Rose City High School - Rose City Modification (95170.0)   | 567,974      | 142,348                         | 4,875            |   | 295,017               | 130,609                       | 425,626                               | 38,306                     |
| 8                            | Eliot Middle School - (HVAC) (95146.0)   | 801,275      | 1,689                           | 28,019           |   | 799,586               | -                             | 799,586                               | 71,963                     |
| 9                            | Marshall Fundamental Secondary School - Marshall New AC Project (95146.0)  | 999,150      | -                               |                  |   | 910,352               | 88,798                        | 999,150                               | 89,924                     |
| 10                           | Longfellow HVAC (95146.0)  | 2,201,000    | -                               | 10,880           |   | 2,176,000             | 25,000                        | 2,201,000                             | 198,090                    |
| 11                           | Don Benito - Phase II HVAC & Kitchen (95146.0)   | 2,858,321    | 136,706                         |                  |   | 49,629                | 2,671,986                     | 2,721,615                             | 244,945                    |
| 12                           | Roosevelt Elementary School - Multi-purpose Facility (95025.0) (Plans ONLY)  | 131,508      |                                 |                  |   | 131,508               | 0                             | 131,508                               | 11,836                     |
|                              | Already Expended Soft / Hard Costs: \$1,470,154 / \$344,188 ALL Design Fees paid for ALL different Roosevelt projects: \$971,293 |              |                                 |                  |   |                       |                               |                                       |                            |
| 13                           | Jackson Portables/ Construction of Student Drop-off area   | 1,975,000    | -                               |                  |   | -                     | 1,975,000                     | 1,975,000                             | 177,750                    |
|                              | Already Expended Soft / Hard Costs: \$0 / \$0. ALL Design Fees paid for ALL different Jackson projects: \$1,075,971              |              |                                 |                  |   |                       |                               |                                       |                            |
| 15a                          | PRIORITY #15-a: Shade and Playground Needs   |              |                                 |                  |   |                       |                               | 890,000                               |                            |

|  |            |            |
|--|------------|------------|
| Totals   | 58,846,218 | 5,216,060  |
| Grand Total  |            | 64,062,278 |
| REMAINING FUND BALANCE AFTER PRIORITY AND CONTINGENCY: |            | 22,914,664 |

# Comparison between the cost of using Consultants and a CM company

| Completed projects         |           |            |  |            |           |            |             |            |                     |            |            |            |           |            |               |            |            |            |                         |
|----------------------------|-----------|------------|--|------------|-----------|------------|-------------|------------|---------------------|------------|------------|------------|-----------|------------|---------------|------------|------------|------------|-------------------------|
|                            | Altadena  |            | Eliot MS - Auditorium/Cafe Modernization (95015.0) |            | Field     |            | Hamilton ES |            | Marshal Sports Ctr. |            | McKinley   |            | Roosevelt |            | Washington MS |            | SM MS      |            |                         |
| Soft Cost                  | 1,837,298 |            | 1,696,394  |            | 987,006   |            | 1,094,438   |            | 2,763,072           |            | 3,789,606  |            | 1,471,560 |            | 2,880,589     |            | 4,556,119  |            |                         |
| 6265 - Owner's Rep. Total  | 207,436   |            | 249,927  |            | 126,339   |            | 151,871     |            | 226,134             |            | 401,432    |            | 78,155    |            | 382,609       |            | 602,589    |            |                         |
| Hard Cost                  | 8,447,388 |            | 5,832,914  |            | 2,510,734 |            | 3,130,737   |            | 9,911,977           |            | 19,363,473 |            | 1,815,749 |            | 10,926,575    |            | 33,065,249 |            |                         |
| 6265 Owner's Rep/Hard Cost | 2.46%     |            | 4.28%  |            | 5.03%     |            | 4.85%       |            | 2.28%               |            | 2.07%      |            | 4.30%     |            | 3.50%         |            | 1.82%      |            |                         |
|                            |           |            |  |            |           |            |             |            |                     |            |            |            |           |            |               |            |            |            |                         |
| % of CM Fees               | CM Fees   | Difference | CM Fees  | Difference | CM Fees   | Difference | CM Fees     | Difference | CM Fees             | Difference | CM Fees    | Difference | CM Fees   | Difference | CM Fees       | Difference | CM Fees    | Difference | Difference all Projects |
| 3.00%                      | 253,422   | 45,986     | 174,987  | 74,940     | 75,322    | 51,017     | 93,922      | 57,948     | 297,359             | 71,226     | 580,904    | 179,472    | 54,472    | 23,682     | 327,797       | 54,811     | 991,957    | 389,369    | 423,654                 |
| 4.00%                      | 337,896   | 130,459    | 233,317  | 16,611     | 100,429   | 25,910     | 125,229     | 26,641     | 396,479             | 170,346    | 774,539    | 373,107    | 72,630    | 5,525      | 437,063       | 54,454     | 1,322,610  | 720,021    | 1,373,702               |
| 5.00%                      | 422,369   | 214,933    | 291,646  | 41,718     | 125,537   | 802        | 156,537     | 4,666      | 495,599             | 269,465    | 968,174    | 566,742    | 90,787    | 12,633     | 546,329       | 163,720    | 1,653,262  | 1,050,674  | 2,323,750               |
| 6.00%                      | 506,843   | 299,407    | 349,975  | 100,048    | 150,644   | 24,305     | 187,844     | 35,974     | 594,719             | 368,585    | 1,161,808  | 760,377    | 108,945   | 30,790     | 655,594       | 272,986    | 1,983,915  | 1,381,326  | 3,273,798               |
| 7.00%                      | 591,317   | 383,881    | 408,304  | 158,377    | 175,751   | 49,412     | 219,152     | 67,281     | 693,838             | 467,705    | 1,355,443  | 954,011    | 127,102   | 48,948     | 764,860       | 382,252    | 2,314,567  | 1,711,979  | 4,223,845               |
| 8.00%                      | 675,791   | 468,355    | 466,633  | 216,706    | 200,859   | 74,520     | 250,459     | 98,588     | 792,958             | 566,825    | 1,549,078  | 1,147,646  | 145,260   | 67,105     | 874,126       | 491,517    | 2,645,220  | 2,042,631  | 5,173,893               |
| 9.00%                      | 760,265   | 552,829    | 524,962  | 275,035    | 225,966   | 99,627     | 281,766     | 129,896    | 892,078             | 665,944    | 1,742,713  | 1,341,281  | 163,417   | 85,263     | 983,392       | 600,783    | 2,975,872  | 2,373,284  | 6,123,941               |
| 10.00%                     | 844,739   | 637,303    | 583,291  | 333,364    | 251,073   | 124,734    | 313,074     | 161,203    | 991,198             | 765,064    | 1,936,347  | 1,534,916  | 181,575   | 103,420    | 1,092,657     | 710,049    | 3,306,525  | 2,703,936  | 7,073,989               |

| Active projects            |                 |            |  |            |   |            |   |            |   |            |                         |                         |
|----------------------------|-----------------|------------|--|------------|---|------------|---|------------|---|------------|-------------------------|-------------------------|
|                            | Blair HS 950056 |            | John Muir High School - Modernization, Abatement & Kitchen (95051.0) |            | Norma Coombs Alternative New CR Wing & Admin Bldg (95133.0) |            | PHS - Modernize Gymnasium Complex (95075.0) |            | Washington ES- New Classroom/MPR Bldg (95045.0) |            |                         |                         |
| Soft Cost                  | 3,506,283       |            | 3,585,021  |            | 1,512,498 1512497.65  |            | 2,424,855                                   |            | 3,178,143                                       |            |                         |                         |
| 6265 - Owner's Rep. Total  | 308,731         |            | 197,149  |            | 204,681   |            | 167,765                                     |            | 517,674   |            |                         |                         |
| Hard Cost                  | 11,580,248      |            | 13,404,467   |            | 3,758,610   |            | 5,876,144                                   |            | 15,665,598                                      |            |                         |                         |
| 6265 Owner's Rep/Hard Cost | 2.67%           |            | 1.47%  |            | 5.45%   |            | 2.86%                                       |            | 3.30%   |            |                         |                         |
|                            |                 |            |  |            |   |            |   |            |   |            | Active Projects         | Complete Projects       |
| % of CM Fees               | CM Fees         | Difference | CM Fees  | Difference | CM Fees   | Difference | CM Fees                                     | Difference | CM Fees   | Difference | Difference all Projects | Difference all Projects |
| 3.00%                      | 347,407         | 38,676     | 402,134  | 204,985    | 112,758   | 91,923     | 176,284                                     | 8,519      | 469,968   | 47,706     | 112,553                 | 423,654                 |
| 4.00%                      | 463,210         | 154,479    | 536,179  | 339,030    | 150,344   | 54,337     | 235,046                                     | 67,281     | 626,624   | 108,950    | 615,403                 | 1,373,702               |
| 5.00%                      | 579,012         | 270,281    | 670,223  | 473,075    | 187,931   | 16,750     | 293,807                                     | 126,042    | 783,280   | 265,606    | 1,118,254               | 2,323,750               |
| 6.00%                      | 694,815         | 386,084    | 804,268  | 607,119    | 225,517   | 20,836     | 352,569                                     | 184,804    | 939,936   | 422,262    | 1,621,105               | 3,273,798               |
| 7.00%                      | 810,617         | 501,886    | 938,313  | 741,164    | 263,103   | 58,422     | 411,330                                     | 243,565    | 1,096,592                                       | 578,918    | 2,123,955               | 4,223,845               |
| 8.00%                      | 926,420         | 617,689    | 1,072,357  | 875,209    | 300,689   | 96,008     | 470,091                                     | 302,326    | 1,253,248                                       | 735,574    | 2,626,806               | 5,173,893               |
| 9.00%                      | 1,042,222       | 733,491    | 1,206,402  | 1,009,253  | 338,275   | 133,594    | 528,853                                     | 361,088    | 1,409,904                                       | 892,230    | 3,129,657               | 6,123,941               |
| 10.00%                     | 1,158,025       | 849,294    | 1,340,447  | 1,143,298  | 375,861   | 171,180    | 587,614                                     | 419,849    | 1,566,560                                       | 1,048,886  | 3,632,507               | 7,073,989               |

| Complete + Active | Difference all Projects |
|-------------------|-------------------------|
| 536,206           | 536,206                 |
| 1,989,105         | 1,989,105               |
| 3,442,003         | 3,442,003               |
| 4,894,902         | 4,894,902               |
| 6,347,801         | 6,347,801               |
| 7,800,699         | 7,800,699               |
| 9,253,598         | 9,253,598               |
| 10,706,497        | 10,706,497              |

Construction Status Report April 2018

| School          | Project's Scope of Work   | Progress/issues April 9, 2018  | Project Phase | Date in Phase | Schd. compl. Date actual phase                                    | April 2018 Report Expected date completion total project | Expected date completion total project             | % of compl. April'18                                  | Project Mgr.                   | Architect                          | Contractor          | Inspector                         |
|-----------------|---|--|---------------|---------------|---|--|--|---|--------------------------------|------------------------------------|---------------------|-----------------------------------|
| Blair HS        | Modernization of the existing Classroom and Admin Building.   | <b>On going:</b><br>Preping for exterior plaster and interior drywall<br>Interior walls layout & framing<br>handrail installation<br>1st floor roofing   | CONSTRUCTION  | 4/4/17        | 11/21/18  | 11/21/18   |  | 50%   | Anson & Kris                   | GKK                                | Pinner Construction | Ned Kachikian                     |
| Blair HS        | Field & Track upgrade   | <b>Completed:</b><br>Synthetic surfacing and stripping<br><b>On going:</b><br>Drainage improvements (just bidded)  | CONSTRUCTION  | 11/13/17      | 3/22/18   | 3/22/18  | typically 3-4 months after construction completion | Synthetic course 100%                                 | Anson Rane                     | PJHM                               | Byron Davey         | Donald B. Blayney                 |
| John Muir HS    | New theatrical equipment, stage rigging<br>Architectural upgrades at the auditorium & cafeteria.<br>New kitchen equipment and serving lines.<br>Exterior improvements, a new amphitheater is designated to allow outdoor assembly/gathering area opened up from the cafeteria.<br>Fire alarm upgrade throughout the campus<br>Bleachers replacement at the gym. | <b>On going:</b> Structural Steel erection, drywall at Mustang Cafe, Concrete work at the Amphitheater<br>Fire alarm campus wide- Mechanical Pads & equiment installation<br>Plumbing, electrical and HVAC rough-ins at Kitchen, Cafeteria & Mechanical Room<br>Site utilities- Infiltration system, Rigging system<br>Hydronic piping and gas roughed-in @low roof area of Building B.<br>Reframing existing walls per DSA directions | CONSTRUCTION  | 9/19/16       | 3/18/18   | 5/18/18  | typically 3-4 months after construction completion | Modernization 88%<br>Kitchen 88%<br>Gym Bleachers 70% | George K.                      | WLC                                | The Nazerian Group  | Knowland Construction Inspections |
| John Muir HS    | KLRNS TV & Black Box Studio   | NOC pending approval by the Board of Education   | POST.CONSTRC  | 10/1/17       | 4/25/18   | 5/27/18  | NOC penidng approval by the Board of Educaction    | 100%  | George K.                      | PJHM                               | The Nazerian Group  | Knowland Construction Inspections |
| Norma Coombs ES | New admin building and classrooms (4)   | <b>Completed:</b><br>Exterior plaster<br><b>On going:</b><br>Exterior Paint, window installation   | CONSTRUCTION  | 6/17/17       | 12/29/18  | 12/29/18   | typically 3-4 months after construction completion | 47%   | Anson, Kris & Sam              | Flewelling & Moody                 | Shenk Development   | Donald B. Blayney                 |
| Pasadena HS     | Modernize the existing gym and locker rooms.  | <b>On going:</b><br>Sitegrading and site utilities. Bleacher fabrication<br>Framing @ Boys & Girls Locker room<br>Gym Electrical, Fire sprinklers and ceiling Insulation<br>HVAC @ Gym and Locker rooms<br>Locker rooms electrical and plumbing<br>Gym Flooring, Epoxy injections  | CONSTRUCTION  | 11/28/16      | Estimated completion: Gym End of May 2018, Locker rooms June 2018 | 6/30/18  | typically 3-4 months after construction completion | 65%   | George K.                      | F & M                              | The Nazerian Group  | PRIEST Construction Services      |
| Washington ES   | Modernization<br>•New 10,000 SF Multipurpose & Kitchen Building<br>•New 19,000 SF Classroom Building (13 classrooms)<br>•Associated site work and Playground improvements   | <b>On going:</b><br>Classroom Bldg. finished, performing clean up<br>Landscape 90% complete  | CONSTRUCTION  | 11/3/14       | MPR March 2018, Classroom Bldg. April 2018                        | 5/1/2018   | 8/15/18  | 99.0%   | Anson & Kris                   | LPA                                | G2K                 | Ned Kachikian                     |
| Marshall HS     | Lighting upgrade (Interior & Exterior)  | Completed  | POST.CONSTRC  | 7/1/17        | 3/15/2018   | 8/1/2018   | 8/1/18   | 99%   | James Vu                       | Design/ Build Schneider Electric   |                     | N/A                               |
|                 | HVAC/EMS Replacement  | Preconstruction & Mobilization, Procurement of HVAC/EMS equipment  | CONSTRUCTION  | 7/1/17        | 8/1/2018  | 8/1/2018   |  | 10%   | James Vu                       | Design/ Build Schneider Electric   |                     | N/A                               |
| Eliot MS        | Lighting upgrade (Exterior))  | Completed  | POST.CONSTRC  | 7/1/17        | 3/15/2018   | 8/1/2018   |  | 99%   | James Vu                       | Design/ Build Schneider Electric   |                     | N/A                               |
|                 | EMS Upgrades  | Preconstruction & Mobilization, Procurement of HVAC/EMS equipment  | CONSTRUCTION  | 7/1/17        | 8/1/2018  | 8/1/2018   |  | 5%  | James Vu                       | Design/ Build Schneider Electric   |                     | N/A                               |
|                 | Chiller Replacement   | Completed  | POST.CONSTRC  | 7/1/17        | 4/6/2018  | 8/1/2018   |  | 90%   | James Vu                       | PJHM                               | Schneider Electric  | Ned Kachikian                     |
| Longfellow ES   | Central Plant Upgrade   | Preconstruction & Mobilization   | CONSTRUCTION  | 2/14/18       | 8/1/2018  | 8/1/2018   |  | 10%   | Rick Kent, James Vu, S. Barret | Design/ Build Southland Industries |                     | TBD                               |
| Jackson ES      | Expansion of parking lot and drop-off area.<br>4 New Portables  | At DSA   | DESIGN        |               | 5/15/2018   | TBD  | TBD  | 5.0%  | Kriz Z.                        | WLC                                | TBD                 | TBD                               |
| Don Benito ES   | Phase II HVAC and Kitchen   | At DSA   | DESIGN        |               | 5/15/2018   | TBD  | TBD  | 5.0%  | Anson Rane                     | PBWS                               | TBD                 | TBD                               |



## Pasadena Unified School District

### Pictures of Facilities Department Active Projects

4/18/2018



## Pasadena Unified School District

### Project list

[Blair HS](#)

[John Muir HS](#)

[Pasadena HS](#)

[Washington ES](#)

[Norma Coombs ES](#)

[Eliot MS](#)





Blair HS School Modernization – West View



March 15 - Apr 18, 2018

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Blair HS School Modernization Framing &amp; Scaffolding



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Blair HS School Modernization Framing &amp; scaffolding



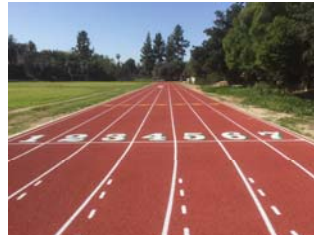
March 15 - Apr 18, 2018

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Blair HS School Modernization Framing &amp; scaffolding for soffits



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Blair HS  
Track Upgrade

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Blair HS  
Track Upgrade

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Blair HS  
Track Upgrade

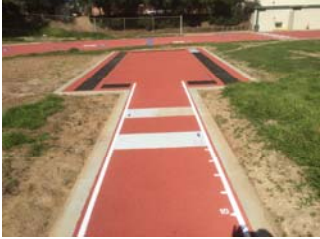


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Blair HS  
Track Upgrade




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Blair HS  
Track Upgrade




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Blair HS Track Upgrade



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Blair HS  
Track Upgrade



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Blair HS  
Track Upgrade



March 15 - Apr 18, 2018



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John Muir HS

Installation of new roof steel structure for backstage area

March 15 - Apr 18, 2018



JOHN MUIR HIGH SCHOOL




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John Muir HS

Roof welding

March 15 - Apr 18, 2018



JOHN MUIR HIGH SCHOOL



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John Muir HS

Concrete forming for slabs supporting HVAC equipment

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JOHN MUIR HIGH SCHOOL




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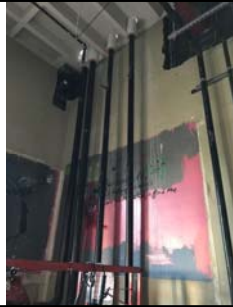
John Muir HS

New pipes for HVAC equipment

March 15 - Apr 18, 2018



JOHN MUIR HIGH SCHOOL




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John Muir HS

Pouring Retaining Wall #3

March 15 - Apr 18, 2018



JOHN MUIR HIGH SCHOOL



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John Muir HS

Pouring Retaining Wall #3

March 15 - Apr 18, 2018



JOHN MUIR HIGH SCHOOL



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John Muir HS

Pouring  
Retaining Wall #3

March 15 - Apr 18, 2018



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John Muir HS Amphitheater status as of 4.09.18



JOHN MUIR HIGH SCHOOL  
CHARTERED BY THE DISTRICT OF COLUMBIA

March 15 - Apr 18, 2018

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John Muir HS Amphitheater steps been formed



JOHN MUIR HIGH SCHOOL  
CHARTERED BY THE DISTRICT OF COLUMBIA


March 15 - Apr 18, 2018

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John Muir HS

Excavation for  
installation of new  
Storm Drain

March 15 - Apr 18, 2018



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John Muir HS

Compaction above  
new Storm Drain

March 15 - Apr 18, 2018




JOHN MUIR HIGH SCHOOL  
CHARTERED BY THE DISTRICT OF COLUMBIA

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John Muir HS

Performing concrete  
quality control test

March 15 - Apr 18, 2018



JOHN MUIR HIGH SCHOOL  
CHARTERED BY THE DISTRICT OF COLUMBIA

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## John Muir HS

Performing pull out test

March 15 - Apr 18, 2018


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## Washington ES Typical inside view of new Classrooms



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## Washington ES Typical inside view of new Classrooms



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## Washington ES Typical inside view of new Classrooms



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## Washington ES Typical inside view of new Classrooms



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## Washington ES Typical inside view of new Classrooms



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Washington ES NE view of new Classroom Bldg.



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WASHINGTON ELEMENTARY STEIN MAGNET  
Science, Technology, Engineering and Mathematics

Washington ES Panoramic view of NE courtyard.



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WASHINGTON ELEMENTARY STEIN MAGNET  
Science, Technology, Engineering and Mathematics

Washington ES NW courtyard



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WASHINGTON ELEMENTARY STEIN MAGNET  
Science, Technology, Engineering and Mathematics

Washington ES

NE courtyard



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WASHINGTON ELEMENTARY STEIN MAGNET  
Science, Technology, Engineering and Mathematics

Washington ES

East façade of new Classroom Building




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WASHINGTON ELEMENTARY STEIN MAGNET  
Science, Technology, Engineering and Mathematics

Washington ES

Landscaping S of Classroom Building



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WASHINGTON ELEMENTARY STEIN MAGNET  
Science, Technology, Engineering and Mathematics

## Washington ES

Landscaping  
E of Classroom  
Building

March 15 - Apr 18, 2018

 WASHINGTON ELEMENTARY STEM MAGNET  
Science, Technology, Engineering and Mathematics



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## Washington ES

Landscaping  
S of Classroom Building

March 15 - Apr 18, 2018

 WASHINGTON ELEMENTARY STEM MAGNET  
Science, Technology, Engineering and Mathematics



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## Washington ES

Landscaping S of  
Classroom Building

March 15 - Apr 18, 2018

 WASHINGTON ELEMENTARY STEM MAGNET  
Science, Technology, Engineering and Mathematics



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## Washington ES

Landscaping  
NE Courtyard

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 WASHINGTON ELEMENTARY STEM MAGNET  
Science, Technology, Engineering and Mathematics



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## Washington ES

Landscaping  
W of MPR

March 15 - Apr 18, 2018

 WASHINGTON ELEMENTARY STEM MAGNET  
Science, Technology, Engineering and Mathematics



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## Washington ES

Sidewalk along S of  
Classroom Building

March 15 - Apr 18, 2018

 WASHINGTON ELEMENTARY STEM MAGNET  
Science, Technology, Engineering and Mathematics



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## Washington ES

Stairs connecting  
MPR with Classroom  
Building

March 15 - Apr 18, 2018



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## Pasadena HS - Modernization

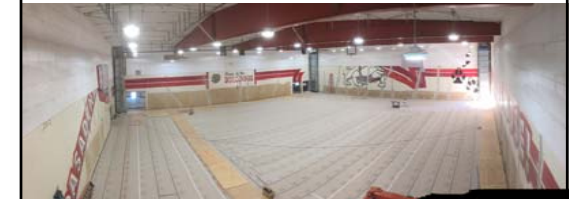
Girls' Locker room



March 15 - Apr 18, 2018

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## Pasadena HS - Modernization - New Gym Floor



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## Pasadena HS Modernization

HVAC duct  
installation

March 15 - Apr 18, 2018



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## Pasadena HS Modernization

Cracks Injections

March 15 - Apr 18, 2018



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## Pasadena HS Modernization

Cracks Injection

March 15 - Apr 18, 2018





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**Pasadena HS  
Modernization**

Underground utilities

March 15 - Apr 18, 2018



 **PASADENA HIGH SCHOOL**  
Home of the Bulldogs

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**Pasadena HS  
Modernization**

Installation of  
electrical boxes at  
Girls Lockers Room

March 15 - Apr 18, 2018



 **PASADENA HIGH SCHOOL**  
Home of the Bulldogs

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**N Coombs ES** Exterior of Admin and Classroom Bldgs.



March 15 - Apr 18, 2018

 **NORMA COOMBS ELEMENTARY SCHOOL**  
Respect. Responsibility. Integrity.


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**N Coombs ES  
Modernization**

Admin Building

Windows partly  
installed

March 15 - Apr 18, 2018



 **NORMA COOMBS ELEMENTARY SCHOOL**  
Respect. Responsibility. Integrity.

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**N Coombs ES** E View of Classroom Building




March 15 - Apr 18, 2018


 **NORMA COOMBS ELEMENTARY SCHOOL**  
Respect. Responsibility. Integrity.

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**N Coombs ES** E View of Classroom Building



March 15 - Apr 18, 2018

 **NORMA COOMBS ELEMENTARY SCHOOL**  
Respect. Responsibility. Integrity.

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## N Coombs ES Modernization

Classroom Building

Ready for window  
installation

March 15 - Apr 18, 2018



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## N Coombs ES Modernization

Classroom Building  
(inside view)

Ready for window  
installation

March 15 - Apr 18, 2018



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## N Coombs ES Modernization

Admin Building  
South Side.

March 15 - Apr 18, 2018



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## N Coombs ES Modernization

Admin Building

Window installation

March 15 - Apr 18, 2018



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## N Coombs ES Modernization

Admin Building

Classroom Progress

March 15 - Apr 18, 2018



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## N Coombs ES Modernization

Classroom Building

Working on HVAC  
system

March 15 - Apr 18, 2018



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## N Coombs ES Modernization

Admin Building  
South Side.

Trench for storm drain line

March 15 - Apr 18, 2018



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## N Coombs ES Modernization

Classroom Building  
W Side.

Storm sewer inlets already  
installed

March 15 - Apr 18, 2018



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## N Coombs ES Modernization

Pipes for Storm Water  
Infiltration System  
already on site

March 15 - Apr 18, 2018



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## N Coombs ES Modernization

Excavation for Storm Water  
Infiltration System.

March 15 - Apr 18, 2018



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## Eliot MS

Chiller Replacement

New chiller already  
installed and running

March 15 - Apr 18, 2018



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## Eliot MS

Chiller Replacement

Old chiller already  
removed

March 15 - Apr 18, 2018



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### Eliot MS

Chiller Replacement

New chiller already installed and running

March 15 - Apr 18, 2018

ELIOT  
CHILLERS • CONDENSERS • REFRIGERATION • AIR CONDITIONING



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### Eliot MS

Chiller Replacement

New chiller already installed and running

March 15 - Apr 18, 2018

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CHILLERS • CONDENSERS • REFRIGERATION • AIR CONDITIONING



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### Eliot MS

Chiller Replacement

New chiller already installed and running

March 15 - Apr 18, 2018

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### Eliot MS

Chiller Replacement

New chiller already installed and running

March 15 - Apr 18, 2018

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