



August 22<sup>nd</sup>, 2019

Rebecca Westover  
Mountain View Whisman School District  
750-A San Pierre Way  
Mountain View, CA 94043

**RE: Change Order #1 Justification: MVWSD Site Monument Signage Project – Pacific Electric - Mountain View Whisman School District.**

**Item # 1 – Obama Sign Credit (PCO 1)**

This Credit is due to a District request. The District elected not to install the Monument sign for the future preschool in Montecito Ave. This credit includes the labor and material costs to build a complete non-electrical monument sign. **(\$7,300.00)**

**Item # 2 – Monta Loma Electrical Rough in (PCO 2)**

This change is due to an unforeseen condition. The existing spare conduits to be used, were not existing as shown in the contract documents. The contractor was directed to install new electrical conduits from the sign location to the final point of connection at the electrical closet in the Monta Loma Admin building. The costs for this change include the labor and material costs to install two conduits runs from the sign location to the electrical panel and IDF cabinet respectively, inside the administration building. **\$9,316.23**

**Item # 3 – Stevenson Electrical Rough in rev 2 (PCO 3)**

This change is due design revision. Due to the unusually high amount of existing utilities adjacent to the new Stevenson MUR, the need arose to switch the final point of connection for the power and data for the monument sign at Stevenson in order to avoid difficulties and inadvertently damaging any of the existing utilities. Originally the point of connection was in the new Stevenson MUR electrical closet. The point of connection was changed to the adjacent communications building (NOC building). The costs included in this change are for the additional labor to penetrate a precast concrete building, in lieu of a lumber framed building, as well as providing new pull boxes within existing concrete, next to the NOC building. **\$4,778.47**

**Item # 4 – Bubb Electrical Rough in (PCO 4)**

This change is due to unforeseen conditions and design revisions. The contract documents showed an existing electrical pathway from the sign location to the nearest electrical closet in Unit 1. It was discovered that these conduits were, in fact, not existing and needed to be installed new. This change includes the labor and material costs to install two electrical conduits from the sign location, into their respective final point of connection in the nearest electrical closet in Unit 1. **\$17,355.05**

**Item # 5 – Static Sign Forming Additional work per details (PCO 8)**

This change is due to a design revision and unforeseen conditions. The complete Stewart Signs shop drawing details were issued after the bid. After review it was discovered that the forms for the monument signs concrete pedestal had to be altered slightly than what the contract documents originally detailed. The costs included in this change are for the additional labor required to frame the monument signs in order to achieve the design intent of the architect and the sign manufacturer. **\$1,637.16**

**Item # 6 – Castro Ethernet Extender (PCO 9)**

This change is due to a design revision. Due to the unusual long length of the power and data cabling at Castro ES, the monument sign required an additional ethernet extender. Originally the sign manufacturer was intended to supply this extender, however Stewart Signs later noted, they no longer supply these extenders. The contractor was asked to provide and install the required ethernet extender. The costs included in this change are the material and labor costs to furnish and install the ethernet extender. **\$1,091.08**

**Item # 7 – LED Signs forming additional work per details (PCO 10)**

This change is due to a design revision and unforeseen conditions. The complete Stewart Signs shop drawing details were issued after the bid. After review it was discovered that the forms for the monument signs concrete pedestal had to be altered slightly than what the contract documents originally detailed. The costs included in this change are for the additional labor required to frame the monument signs in order to achieve the design intent of the architect and the sign manufacturer. **\$12,763.71**

**Item # 8 – Mistral – Remove (e) conductors and upsize (PCO A)**

This change is due to a design revision. The contractor submitted an RFI noting that the originally designed conductor sizes may not be appropriate for the both the amount of power needed to operate the sign, as well as the distance from the sign to each respective electrical panel. After review, the electrical engineer concurred and required that conductor be upsized at various sites, including Mistral ES. The costs for this change include the difference in material price between the originally specified conductor size and the upsized conductors. Furthermore, the existing electrical conduit provided by others had existing conductors installed within them that were not the right size, this change also includes the labor costs to remove the existing conductors. **\$1,996.81**

**Item # 9 – Castro – Conduit Jumper, conductor upsize, pullbox (PCO B)**

This change is due to a design revision. The final point of connection for the power and data was changed to a closer location, from Building C to Building F, however the spare conduits leading in to Building F were not completely tied into the electrical panel and IDF cabinet respectively. Additional costs included in this change are a small credit for the labor and material due to the new closer point of connection, and additional labor and material to install a jumper, from the where the spare conduits end in the electrical closet of building F into their respective electrical panel and IDF cabinet. This change also includes the addition of one pull box mid-way from the conduit run between the sign location to the corner of Building C. This pull box is required due to this conduit run being unusually long. Lastly this change also includes the price difference between the originally specified conductor size and the new recommended conductor size per the electrical engineer's RFI response. **\$6,941.22**

**Item # 10 – Huff – Intercept (e) conduits for new layout and upsize conductors (PCO C)**

This change is due to a design revision. The contract documents originally specified the conduit pathway in front of the new library building at Huff to be existing from in front of the parking lot, all the way into the electrical closet within the new library building. While these conduits were existing, there was a portion missing, which goes from the ground, to the top of the covered walkway adjacent to the admin building, where all electrical conduits penetrate the walls of the building. The contractor was directed to intercept the existing conduits outside of the existing concrete flatwork, and install new conduits going from the ground, up along the building, and terminate at the pull station above the covered walkway leading into the electrical closet inside the library. The costs included in this change are for the labor and material required to intercept existing conduits and install a new conduit run from the ground into the pull station above the covered walkway that leads into the building's electrical closet. Additionally, this change includes the material price difference between the originally specified conductor size and the upsized conductors per the electrical engineers' RFI response.

**\$11,124.44**

**Item # 11 – Bubb – Conductor Upsize (PCO D)**

This change is due to a design revision. The contractor submitted an RFI noting that the originally designed conductor sizes may not be appropriate for the both the amount of power needed to operate the sign, as well as the distance from the sign to each respective electrical panel. After review, the electrical engineer concurred and required that conductor be upsized at various sites, including Bubb ES. The costs for this change include the difference in material price between the originally specified conductor size and the upsized conductors.

**\$297.11**

**Item # 12 – Landels - Intercept (e) conduits for new layout and upsize conductors (PCO E)**

This change is due to a design revision. Similar to the condition found at Huff ES, the contract documents originally specified the conduit pathway in front of the new library building at Huff to be existing from in front of the parking lot, all the way into the electrical closet within the new library building. While these conduits were existing, there was a portion missing, which goes from the ground, to the top of the covered walkway adjacent to the admin building, where all electrical conduits penetrate the walls of the building. The contractor was directed to intercept the existing conduits outside of the existing concrete flatwork, and install new conduits going from the ground, up along the building, and terminate at the pull station above the covered walkway leading into the electrical closet inside the library. The costs included in this change are for the labor and material required to intercept existing conduits and install a new conduit run from the ground into the pull station above the covered walkway that leads into the building's electrical closet. Additionally, this change includes the material price difference between the originally specified conductor size and the upsized conductors per the electrical engineers' RFI response. **\$11,103.87**

**Item # 13 – Monta Loma – Conductor Upsize (PCO F)**

This change is due to a design revision. The contractor submitted an RFI noting that the originally designed conductor sizes may not be appropriate for the both the amount of power needed to operate the sign, as well as the distance from the sign to each respective electrical panel. After review, the electrical engineer concurred and required that conductor be upsized at various sites, including Monta Loma ES. The costs for this change include the difference in material price between the originally specified conductor size and the upsized conductors.

**\$998.40**

**Item # 14 – Stevenson – Conductor Upsize (PCO G)**

This change is due to a design revision. The contractor submitted an RFI noting that the originally designed conductor sizes may not be appropriate for the both the amount of power needed to operate the sign, as well as the distance from the sign to each respective electrical panel. After review, the electrical engineer concurred and required that conductor be upsized at various sites, including Stevenson ES. The costs for this change include the difference in material price between the originally specified conductor size and the upsized conductors. **\$998.40**

**Item # 15 – Disconnect Switches (PCO H)**

This change is due to a design revision. The electrical code requires that all LED monument signs, such as the ones included in this contract, are to have a disconnect switch accessible in the event that power needs to be easily cut off to the monument sign. This disconnect switch was not originally included in the contract documents. The contractor was directed to furnish and install the required disconnect switches at all LED monument signs in this project. The costs included in this change are for the labor and slight material prices to furnish and install the required disconnect switches. **\$2,397.69**

**Total Change Order No. 1 – \$75,499.64**

In our capacity as the District's Construction Manager we have completed a review of Change Order # 1.

The total Change Orders to date: **\$75,499.64**

This equates to **22.78%** of the contract value. To date, Pacific Electric has completed **95%** of the contract work.

There is **\$0.00** remaining in the Change Order Contingency.

Based upon the review of the merit and the compensation, it is our recommendation that you approve this change order. If you have any question, please do not hesitate to call.

Sincerely,  
Greystone West Company

Juan Sagarra  
Project Manager



**AIA**<sup>®</sup>

# Document G701™ – 2017

## Change Order

**PROJECT:** *(Name and address)*  
MVWSD Monument Signs  
Various School Locations

**CONTRACT INFORMATION:**  
Contract For: General Construction  
Date: March 14, 2019

**CHANGE ORDER INFORMATION:**  
Change Order Number: 001  
Date: August 5, 2019

**OWNER:** *(Name and address)*  
Mountain View Whisman School District  
1400 Montecito Avenue  
Mountain View, CA 94043

**ARCHITECT:** *(Name and address)*  
Dreiling Terrones Architecture  
1103 Juanita Avenue  
Burlingame, CA 94010

**CONTRACTOR:** *(Name and address)*  
Pacific Electric  
330 Phelan Ave.  
San Jose, CA 95112

**THE CONTRACT IS CHANGED AS FOLLOWS:**

*(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)*

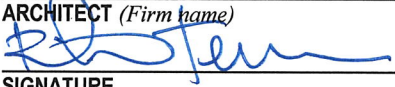
- PCO #1 Obama - Sign Credit (\$7,300.00)
- PCO #2 Monta Loma - Electrical Rough-In \$9,316.23
- PCO #3 Stevenson - Electrical Rough-In \$4,778.47
- PCO #4 Bubb - Electrical Rough-In \$17,355.05
- PCO #8 Static Sign Forming Additional Work per Details \$1,637.16
- PCO #9 Castro - Ethernet Extender \$1,091.08
- PCO #10 LED Signs Forming Additional Work per Details \$12,763.71
- PCO #A Mistral - Remove E Conductors and Upsize \$1,996.81
- PCO #B Castro - Conduit Jumper, Conductor Upsize and Pullbox \$6,941.22
- PCO #C Huff - Intercepts E Conduits for New Layout and Upsize Conductors \$11,124.44
- PCO #D Bubb - Conductor Upsize \$297.11
- PCO #E Landels - Intercepts E Conduits for New Layout and Upsize \$11,103.87
- PCO #F Monta Loma - Conductor Upsize \$998.40
- PCO #G Stevenson - Conductor Upsize \$998.40
- PCO #H Disconnect Switches \$2,397.69

The original Contract Sum was	\$ 331,500.00
The net change by previously authorized Change Orders	\$ 0.00
The Contract Sum prior to this Change Order was	\$ 331,500.00
The Contract Sum will be increased by this Change Order in the amount of	\$ 75,499.64
The new Contract Sum including this Change Order will be	\$ 406,999.64

The Contract Time will be unchanged by Zero (0) days.  
The new date of Substantial Completion will be August 23, 2019

**NOTE:** This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

**NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.**

Dreiling Terrones Architecture  
ARCHITECT (Firm name)  
  
SIGNATURE  
 Richard Terrones  
PRINTED NAME AND TITLE  
 August 5, 2019  
DATE

Pacific Electric  
CONTRACTOR (Firm name)  
  
SIGNATURE  
  
PRINTED NAME AND TITLE  
  
DATE

Mountain View Whisman School District  
OWNER (Firm name)  
  
SIGNATURE  
  
PRINTED NAME AND TITLE  
  
DATE