

APPROVED

Sept 05 2021

BOARD OF RECREATION AND PARK COMMISSIONERS

BOARD REPORT

NO. 24-195

DATE September 05, 2024

C.D. 11

BOARD OF RECREATION AND PARK COMMISSIONERS

SUBJECT: POTRERO CANYON PARK – LANDSCAPING (W.O. E1908635) PROJECT – CONTRACT NO. 3799 – FINAL ACCEPTANCE, AUTHORITY TO NEGOTIATE AND EXECUTE THE FINAL CLOSEOUT CHANGE ORDER, AND RELEASE OF RETENTION

B. Aguirre M. Rudnick
B. Jones for\* C. Santo Domingo DF
C. Stoneham N. Williams

[Signature]
General Manager

Approved X Disapproved Withdrawn

RECOMMENDATIONS

- 1. Authorize the City Engineer to negotiate and execute a Final Closeout Change Order (FCCO) to Contract No. 3799 with Ford E.C., Inc. (Ford) in the amount of \$404,105.00, which will result in a cumulative total dollar amount of change orders not to exceed \$4,201,928.00 or 50.07% of the revised contract award amount;
2. Accept the work performed by Ford under Contract No. 3799 for the Potrero Canyon Park – Landscaping (W.O. E1908635) project (Project) as outlined in the Summary of the Report;
3. Authorize the Department of Recreation and Parks' (RAP) Chief Accounting Employee or Designee to release all retention monies held under Contract No. 3799 to Ford after deducting amount in connection with any remaining Stop Payment Notices and/or penalties, to Ford;
4. Authorize the Board Secretary to furnish Ford with a Letter of Completion; and,
5. Authorize RAP's Chief Accounting Employee or Designee to make technical corrections to carry out the intent of this Report.

SUMMARY

On May 20, 2021, the Board of Recreation and Park Commissioners (Board) awarded Contract No. 3799 to Ford in the amount of \$8,892,394 for the Project, located at 15101 Pacific Coast Highway, Los Angeles, CA 90272.

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This Project constructed a 46-acre passive park with a riparian zone containing wetland trees and plants that run down the center of the entire length of the park through a series of large retention basins. The park is now called the George Wolfberg Park at Potrero Canyon (Park). The current phase of construction of this Project consists of installing irrigation, landscaping and park features throughout the Park. Future phases of this Project include a 5-year maintenance phase as required by the Habitat Monitoring and Mitigation Plan, a pedestrian lateral trail to Temescal Canyon Road, and a Pedestrian Overcrossing bridge over Pacific Coast Highway.

The scope of work for this Project included:

1. Clearing and grubbing
2. Reconstruction of the Palisades Recreation Center parking lot, including paving, striping of parking stalls, installation of Americans with Disabilities Act (ADA) compliant signage and paths, and planting of trees and shrubs in the center parking lot island
3. Minor grading – cut and fill from existing stockpiles, including buttressing of over-steepened slopes at the mouth of the canyon nearest to Pacific Coast Highway
4. Installation of irrigation systems throughout the canyon
5. Installation of landscaping, including plants, decorative boulders and information signs
6. Construction of a new prefabricated restroom at the top of the canyon including construction of a concrete foundation pad, installation of restroom model, connection to utilities, and planting along the exterior walls
7. Construction of perimeter fencing around the entire canyon
8. Construction of fencing around riparian zones and paths
9. Construction of a soil cement access road
10. Construction of scenic overlooks, including benches, trash cans, and decomposed granite (DG) paths to the overlooks
11. Construction of a pump station to recycle stormwater runoff into the riparian system
12. Construction of approximately 700 linear feet of 6" PVC force main to supply water for the riparian zone
13. Construction of approximately 700 linear feet of 12" to 24" storm drainpipes
14. Construction of a DG path connecting the entrance at Friends Street to park trails
15. Erosion control / Stormwater Pollution Prevention Plan implementation

On July 7, 2022, the Board approved an increase in construction contract contingency amount for the Project to a total of \$2,849,708 or 32.04% of the original base contract amount (Board Report No. 22-185, Attachment No. 2).

On September 7, 2023, the Board approved a partial acceptance and retention release for a portion of the Park from the main entrance near Frontera Drive to the lowest Basin 9. This portion has been open to the public since the Park Grand Opening on December 10, 2022. The Board also approved the removal of Allowance No. 8 for Pacific Coast Highway Resurfacing in the amount of \$500,000 from the Contract, resulting in a reduction of the base contract award amount from \$8,892,394 to \$8,392,394, and approved an additional increase in construction contract contingency amount for the Project to a total of \$4,456,685 or 53.10% of the revised base contract award amount (Board Report No. 23-163, Attachment No. 3).

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The portion of work not included in the partial acceptance approved in Board Report No. 23-163 includes final construction and installation of the pump station located along Pacific Coast Highway.

BOE has informed RAP that the Project is complete and the Contractor has furnished the required permits, as-built drawings, warranties and guarantees. The Statement of Completion was issued by the Department of Public Works, Bureau of Contract Administration (BCA) on December 21, 2023. Staff consulted with the Office of Contract Compliance (OCC) of the BCA concerning the status of the labor compliance requirements on the Project. OCC reported that Ford is in compliance. The breakdown of the total construction cost is as follows:

Contractor Name	Revised Contract Award Amount	Change Orders	Change Order Percentage	Final Contract Amount
Ford E.C., Inc.	\$8,392,394.00	\$4,201,928.00	50.07%	\$12,594,322.00

Change Order Summary

The Project has generated a total of 135 change orders in the amount of \$4,201,928, or 50.07% of the original contract amount. Of the increased construction contract contingency amount that was approved per Board Report 22-185, \$254,757 will remain. The following table summarizes the change orders issued by category, the FCCO, and the attached Change Order Log (Attachment No. 6) provides a listing of all the change orders.

Change Order Expenditure Summary as of February 27, 2024			
Change Order Type	Number of Change Orders	Cumulative Costs	Percent (%) of Original Base Contract Amount
Unforeseen Conditions	79	\$2,099,670	25.02%
Errors & Omissions	30	\$1,284,987	15.31%
Change in Scope	24	\$413,166	4.92%
Final Close-Out	2	\$404,105	4.82%
<b>Total</b>	<b>135</b>	<b>\$4,201,928</b>	<b>50.07%</b>
Contingency ceiling per B.R. No 23-163		\$4,456,685	
Remaining Contingency		\$254,757	

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As detailed in Report, No. 22-185, a significant amount of change orders was caused by a series of storms and unforeseen conditions. In 2021 and 2023, the site was impacted by intense rainstorms, causing significant erosion throughout the site requiring soil erosion mitigation measures to prevent further damage and the removal of soil on pedestrian and vehicle circulation paths.

Another significant contributor to the Change Order amount were costs incurred due to errors and omissions in the contract documents as detailed in Board Report No 22-163.

The FCCO has been negotiated in the amount of \$404,105.00. The largest contributor to the FCCO is due to a time extension and corresponding cost impacts due to the contractor. The FCCO also includes full and final compensation to Ford for all outstanding extra work items and adds 365 non-compensable calendar days to the contract duration to account for delays throughout the Project due to winter storms, errors and omissions in the project plans, unforeseen conditions, and administrative issues with outside agencies in obtaining approvals and permits. In total, 466 days were added to the contract duration, including the 365 calendar days described above, and 101 calendar days cumulated from previous change orders.

Supplemental Agreement Change Order No. 101 was drafted in March of 2023, to confirm the contractor’s commitment to complete the project, despite the fact that the project had issued Change Orders that surpassed the 25% Change Order threshold (Attachment No. 4).

Supplemental Agreement Change Order No. 150 has been drafted to capture the Final Closeout Change Order, which increases the overall change order amount to \$4,201,928, or 50.07% of the original contract amount (Attachment No. 5).

The construction of the Project was funded solely by the Potrero Canyon Trust Fund and funds were made available through account 100/54/00G998 and 50F/50/50RMAB.

Sufficient funds to cover all change orders are currently available from the following funds and account:

<u>FUNDING SOURCE</u>	<u>FUND/DEPT./ACCT. NO.</u>	<u>AVAILABLE AMOUNT</u>
Potrero Canyon Trust Fund	100/54/00G998	\$2,606,001.14

ENVIRONMENTAL IMPACT STATEMENT

The Project was previously evaluated for environmental impacts in accordance with the California Environmental Quality Act (CEQA). A final Environmental Impact Report (EIR) (State Clearinghouse No. 84091901) for the Project was previously adopted by the Board on June 28, 1985. An Addendum to the previously certified EIR was prepared on November 19, 2020, by the BOE pursuant to Section 15164 of the CEQA Guidelines. The Addendum determined that there have been no changes to the Project, nor to the circumstances under which the Project is being undertaken, nor has new information arisen that would result in new significant environmental effects or would increase the severity of previously identified significant effects.

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The proposed Board action consists of accepting a project that has already been evaluated according to the California Environmental Quality Act (CEQA) and completed. No environmental impact that has not been previously considered is expected from this action, therefore staff recommend that the Board take no further CEQA action.

### TREE AND SHADE

This Project removed various mature trees in areas of the Park that were not graded during the previous grading phase of the Project. During the clearing and grubbing phase, a BOE landscape architect visited these areas to determine which trees may remain based on the restrictions imposed by the Los Angeles Fire Department and the California Coastal Commission. Trees within the Park must be native and drought tolerant, and also approved to be within the fuel modification zones of the park.

The proposed landscaping palate has been discussed at the various community meetings, and consists of native, drought tolerant landscaping, and trees and shrubs that are indigenous to the various microclimates located along the Park.

A total of 530 trees have been planted as a part of the Project, which includes 114 Juglans Californica (California Walnut), 47 Populus Fremontii spp. Fremontii (Western Cottonwood), 54 Salix Gooddingii (Black Willow), 59 Salix Laevigata (Red Willow), 46 Plantanus Racemosa (Western Sycamore), 176 Quercus Agrifolia (Coast Live Oak), 22 Heteromeles Arbutifolia (Toyon), and 12 Pinus Torreyana (Torrey Pines). The new trees have been dispersed among four ecologic zones, within the park area and the parking lot of the Palisades Recreation Center.

At the time of construction completion, the new trees provide approximately 2,098 square feet of canopy coverage. At five years after construction completion, it is anticipated that those trees will provide approximately 114,260 square feet of canopy coverage.

### FISCAL IMPACT STATEMENT

The Project is funded by the aforementioned funding sources. RAP's future maintenance and operations costs will be requested through the City budget process.

### STRATEGIC PLAN INITIATIVES AND GOALS

Approval of this Board report advances RAP's Strategic Plan by supporting:

**Goal No. 1:** Provide Safe Accessible parks.  
**Outcome No. 1:** Every Angeleno has walkable access to a park in their neighborhood.  
**Key Metric:** Percentage of Angelenos with park access within a ½ mile of their home  
**Target:** 60% by 2022

This Report was prepared by Kristen Ly, Project Manager, Geotechnical Engineering Division, BOE; and reviewed by Ohaji Abdallah, Proposition K Program Manager, Architectural Division, BOE.

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LIST OF ATTACHMENTS

- 1) Attachment 1 – Preliminary FCCO
- 2) Attachment 2 – Board Report No. 22-185
- 3) Attachment 3 – Board Report No. 23-163
- 4) Attachment 4 – Supplemental Change Order No. 101
- 5) Attachment 5 – Supplemental Change Order No. 150
- 6) Attachment 6 – Change Order Log

CITY OF LOS ANGELES  
CALIFORNIA

DEPARTMENT OF  
PUBLIC WORKS  
BUREAU OF  
ENGINEERING

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ACTING EXECUTIVE OFFICER



KAREN BASS  
MAYOR

TED ALLEN, PE  
CITY ENGINEER  
1149 S. BROADWAY, SUITE 700  
LOS ANGELES, CA 90015-2213

<http://eng.lacity.org>

June 27, 2024

Arash Daghighian, Project Manager  
FORD E.C.  
10850 Wilshire Blvd.  
Los Angeles, CA

**Project: Potrero Canyon Park - Landscaping**  
**Subject: Preliminary Final Closeout CO No. 149**

**W.O. E1908635**  
**CLA Ltr. No.149**

Dear Arash Daghighian:

Please see the attached Preliminary Final Closeout CO No. 149 and submit a Lump Sum proposal for the extra work with a complete itemized cost breakdown of all labor, materials and equipment necessary to accomplish this work. Please submit your written cost proposal within two weeks from the date of this letter. This office will review your proposal and, if necessary, it will be negotiated for final resolution to the satisfaction of both parties.

In addition, please provide a CPM schedule analysis for any impact to the critical path of the construction schedule as a result of this change. If applicable, provide an estimate in terms of calendar days, supported by the analysis, to be added or deducted from the critical path of the current project schedule.

No work shall be performed on this change unless a directive to proceed is forwarded from this office.

For all correspondence regarding this change, please reference Preliminary Final Closeout CO No.149. If you have any questions, please contact me at [andres.acosta@lacity.org](mailto:andres.acosta@lacity.org).

Sincerely,

Andres Acosta  
Construction Manager  
Construction Management Division

cc: [Peter.Rhyu@lacity.org](mailto:Peter.Rhyu@lacity.org),  
[mike.smith@lacity.org](mailto:mike.smith@lacity.org),  
[barbara.nielsen@lacity.org](mailto:barbara.nielsen@lacity.org),  
[al.dymally@lacity.org](mailto:al.dymally@lacity.org)





**City of Los Angeles - Department of Public Works - Bureau of Engineering**

**PRELIMINARY FINAL CLOSE-OUT CHANGE ORDER**



<b>Project Title</b> Potrero Canyon Park - Landscaping			<b>Project No</b> G1131	<b>FCCO No</b> 149	<b>File No</b> 8.6.13	<b>Page No</b>
<b>W.O. No</b> E1908635	<b>Contract No</b> 3799	<b>Bid Item No</b>	<b>Subject</b> Final Closeout Change Order - Time Extension, Soil Cement, Bond, and Delay of Payment			
<b>Contractor</b> FORD E.C.		<b>COR No</b> None Specified	<b>Plan Reference</b> L & C Sheets			
<b>Category</b> Unforeseen Conditions		<b>Schedule Activity</b>	<b>Specification Reference</b> GR 36, GR 27, 03750			

## 1. Reason for Change

This is the Final Closeout Change Order for the Potrero Canyon Park - Landscaping Project, Work Order Number E1908635; Contract Number 3799 with FORD E.C., Inc. This Change Order Shall constitute full and final settlement of all Contractor claims of cost and time, issues, disputes, credits, and change order requests for equitable adjustment for work performed on the Potrero Canyon Park - Landscaping Project.

During construction, numerous changes were implemented to achieve successful completion of the project. The time impact of these changes were implemented in Change Orders 021, 069 and 070. All together these change orders added one-hundred and one (101) calendar days (CDs) and brought the contract completion date to December 21, 2022. However, due to unforeseen circumstances the project was delayed an additional three-hundred and sixty-five (365) calendar days, bringing the final completion to December 21, 2023; at which point the site was fully turned over to the Department of Recreation and Parks.

This Change Order will formally record the following non-compensable or no-cost items:

- Non-Compensable Time Extension - Of the aforementioned 365 calendar day time extension pending to be executed, one-hundred and sixty-five (165) calendar days will issued as non-compensable.
- Deletion of Manholes near PCH - Three (3) manholes noted in the Contract documents to be raised and reconstructed, were unable to be located. The Contractor expended labor, materials, and equipment in their efforts to locate the manholes, in a magnitude comparable to the execution of the contractual scope for the raising of these manholes.

This Change Order will also compensate the Contractor for the the following items:

- Compensable Time Extension - Of the aforementioned 365 calendar day extension, pending to be executed, two-hundred (200) calendar days will be compensable at a rate of \$1,800/calendar day.
- Soil Cement Road Repair - The Contractor was directed to proceed with a warranty repair of the soil cement road. However, a portion of the damages caused by severe storm events in 2023, was beyond the reasonable warranty, which will be captured in this Change Order.
- Bond Premium Adjustment for Executed Change Orders - Bond premium adjustment to be paid at a rate of roughly 0.492% on the change order total.
- Interest for Delay of Payment - Per the Contract documents and California State Statute (California Public Contract Code § 20104.50.) the Contractor has a right to collect interest on payment not received within the specified thirty (30) days after acceptance from the Project Inspector.
- Warranty Extension & Commissioning Testing & Training (Pump Station) - The Contractor proceeded to provided the Contractual requirements with respect to the testing and training, per specification sections 01810, 16560, 01813, 17610, 17300, 17360, 17400, et. al. However, the Commissioning Authority was not able to properly coordinate the testing and training. For this reason, the Contractor has expended all reasonable attempts to commission the pumping station and is now seeking compensation for extended and added services and warranties.

Lastly, due to the cumulative effect of all the change orders issued on this project, the issuance of these aforementioned change orders will cause the total amount of change orders to exceed an arithmetic dollar value beyond the previously increased thirty-two and four-hundredths percent (32.04%) of the original Contract price. The aforementioned threshold was executed through Supplemental Change Order (SACO) 101, and authorized in Board Report 22-185.

The Board of Recreation and Parks approved the issuance of this Change Order on: TBD

## 2. Description of Change

The Contractor shall reflect the above request on the project as-built drawings, if applicable.

The final settlement agreement was reached between the City and the Contractor as follows:

- Increase the Contract contingency threshold for the issuance of this Change Order from thirty-two and four-hundredths percent (32.04%) of the original Contract price, to a new value of fifty-three and one-tenth percent (53.10%) of the original Contract price; as authorized in Board Report 23-163.
- Time Extension:
  - Total Time Extension: 365
    - Compensable Time Extension
      - Cost: \$360,000.00
      - Time Extension: 200 CDs
    - Non-Compensable Time Extension
      - Cost: \$0.00
      - Time Extension: 165 CDs
- Deletion of Three (3) Manholes near PCH
  - \$0.00
- Soil Cement Road Repair
  - \$10,000
- Bond Premium Adjustment for Executed Change Orders
  - \$18,038.00
- Interest for Delay of Payment
  - \$6,431.00
- Warranty Extension and Added Services
  - \$9,363.00
  - Extending 100% of the contractual warranty coverage for the pumps for a full year, expiring in January 2026, and a prorated portion until July 2029.
  - Providing added services to finalize the commissioning of the pump station.

In summary, the Contractor will be compensated in the amount of \$404,105, and a time extension of 365 CDs will be approved.

Lastly, per Specification Section 01810 and as formally recorded in Change Order 138, the testing and commissioning scope of this Contract has been deferred to take place during the warranty period of this Contract. Once all coordination has been completed, the Contractor will resume and execute the pending commissioning scope as required by this Contract.

This agreement constitutes the full and final compensation and resolves all outstanding issues between the City and the Contractor, all subcontractors and suppliers, including all costs, mark-ups and time impacts for all work related to the Potrero Canyon Park Landscaping Project, including but not limited to the above items listed in section. The undersigned hereby agree to abide by the original terms and conditions of the contract to a new ceiling up to 53.10 % of the contract award amount. Any further changes to the contract, up to the new ceiling amount, will be executed by change order and not require additional Supplemental Agreements.

This is not an authorization to proceed with the proposed change order. Do not perform any work that may conflict with the proposed change order without further authorization by the City.

**Submitted By:**



Andres Acosta  
Construction Manager

**Date:** 06/27/2024

**Approved By:**



Justin Ramirez  
Sr.Engineer / Division Manager

**Date:** 06/27/2024

### Uploaded Files

File Name	Size(Bytes)	Uploaded By
22-185 Potrero Contingency Approval.pdf	20498132	Andres Acosta
23-163 Potrero Canyon Partial Acceptance Approval.pdf	21535954	Andres Acosta

**Document links**

Change Order [021: Rain Delays for December 2021 through January 2022](#)  
Change Order [069: Time Extension - PC 13 Issuance & Cancellation](#)  
Change Order [070: Time Extension - Adverse Weather & Repairs at Basin 9 \(TIA 2\)](#)  
Change Order [138: Deferral of Commissioning Requirement for Testing per 01810](#)  
CO Request [COR 178 -General Contractor Bond Cost Due to Change in Contract Value](#)  
CO Request [COR 179 -Interest due to delayed payment for pay app 20](#)  
CO Request [COR 180 -Time Extension](#)  
CO Request [COR 181 -Soil Cement repairs per BOE request](#)  
CO Request [COR 182 -Warranty Extension and Additional Field Services - Xylem](#)  
Supplemental Agreement CO [101: Supplemental Agreement - Increase Total Change Order Amount to 32.04%](#)

**Restart History**

<b>Module Name</b>	<b>File Name</b>	<b>Size(Bytes)</b>	<b>Restart Date</b>	<b>Restart By</b>
Preliminary Final Closeout CO	<a href="#">Final Closeout CO_149_05072024143201.pdf</a>	42586	05/07/2024	Andres Acosta
CM CO Estimate	<a href="#">CM CO Estimate_149_05072024143201.pdf</a>	20330	05/07/2024	Andres Acosta
Preliminary Final Closeout CO	<a href="#">Final Closeout CO_149_06272024084520.pdf</a>	49020	06/27/2024	Andres Acosta

APPROVED

July 07 2022

BOARD OF RECREATION AND PARK COMMISSIONERS

BOARD REPORT

NO. 22-185

DATE July 07, 2022

C.D. 11

BOARD OF RECREATION AND PARK COMMISSIONERS

SUBJECT: POTRERO CANYON PARK - LANDSCAPING (W.O. E1908635) PROJECT - APPROVAL OF CHANGE ORDER - AUTHORITY TO INCREASE CONSTRUCTION CONTRACT CONTINGENCY AMOUNT AND TO NEGOTIATE ADDITIONAL CHANGE ORDERS FOR CONTRACT 3799 WITH FORD E.C., INC.

AP Diaz, H. Fujita, J. Kim, M. Rudnick, C. Santo Domingo, N. Williams with handwritten initials.

Handwritten signature of General Manager.

Approved X Disapproved Withdrawn

RECOMMENDATIONS

- 1. Authorize the City Engineer to negotiate and issue Change Order No. 34...
2. Approve an increase to the construction contract contingency amount...
3. Authorize the City Engineer to negotiate and approve future change orders...

SUMMARY

The Potrero Canyon Park - Landscaping Project (Project) scope entails constructing a 46-acre passive park within a riparian zone...

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On May 20, 2021, the Board of Recreation and Parks Commissioners (Board) approved Board Report No. 21-091, which awarded Contract No. 3799 to Ford E.C., Inc. in the amount of \$8,892,394.00 for the construction of the Project and authorized a construction contract contingency amount of \$889,239.

Construction of the overall Project is approximately 50% complete. In late May 2022, the Palisades Recreation Center parking lot was completed and opened to the public. All perimeter fencing has been completed, except for the pedestrian gates. Approximately 80% of the irrigation system and 50% of the landscaping has been installed with the completed portions undergoing inspection.

Executed Change Order Summary

As of March 25, 2022, twenty-six (26) change orders have been executed in the amount \$678,947, or 7.64% of the original contract award amount. Of the original \$889,239 construction contract contingency amount that was approved previously, \$210,292 remains. The following table summarizes the change orders issued to date by category and the attached Change Order Log (Attachment No. 1) provides a listing of all the change orders.

<b>Change Order Expenditure Summary as of March 25, 2022</b>			
<b>Change Order Type</b>	<b>Number of Change</b>	<b>Cumulative Costs</b>	<b>Percent (%) of Base Contract Amount</b>
Unforeseen Conditions	15	\$277,311	3.12%
Errors & Omissions	5	\$209,492	2.36%
Change in Scope	6	\$192,144	2.16%
<b>Total</b>	<b>26</b>	<b>\$678,947</b>	<b>7.64%</b>
Contingency Per B.R. No 21-091		\$889,239	
Remaining Contingency		\$210,292	

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## BOARD REPORT

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### Change Order No. 34, over \$100,000

In December 2021, a series of heavy rainstorm events resulted in erosion damage to the Project site. The damage was relatively minor throughout most of the canyon, however, some areas of the lower portion of the canyon suffered significant damage when rainfall exceeded the capacity of the protective erosion control measures placed on-site. Areas suffering significant damage include Basin 9 and the Project access road leading to Pacific Coast Highway (Attachment No. 2).

The largest area of storm damage within the Project limits occurred when the earth berm between Basin 8 and Basin 9 collapsed due to an overflow of stormwater runoff. Basin 9 needs to be repaired by removing debris and mud to uncover storm drain outlets and to restore stormwater flow through the basin, replacing utility and irrigation lines that were destroyed within the collapsed berm area, and re-constructing the portion of the berm between Basins 8 and 9. This repair work is proposed as Change Order No. 34 under the construction contract. The total amount estimated to complete this repair work under Change Order No. 34 is \$194,698. Since this change order is over \$100,000, Board approval is requested for this change order.

### Construction Contract Contingency Increase

In addition to the repair associated with Change Order No. 34, other site damage suffered during the previously mentioned storm event resulted in the need to initiate additional change orders to address the repairs needed to continue construction. This Board Report seeks approval to increase the construction contract contingency amount to address the pending emergency change orders needed to continue construction and to address unknown change orders for the remainder of the contract work.

One of the main entrances for construction vehicles to the Project site is through an access road from Pacific Coast Highway. This access road allows for large construction vehicles to access the Project site, while circumventing the residential streets.

Storm runoff created large erosion channels up to approximately 3-ft in depth; a landslide that deposited a large amount of mud, vegetation, and debris onto the access road and beyond the Project limits; damage to recently installed irrigation infrastructure; and the oversaturation of soils.

In order to continue construction, the contractor must remove the displaced soil from adjacent properties and use geotextile fabric systems to restore the eroded roadway sections and unstable slopes. Roadway repair beyond the Project limits is necessary to maintain access to the site (Attachment No. 2). The total amount estimates to address the various change orders to complete this repair work is approximately \$460,000. Long term solutions to the access road, if required, are beyond the scope of this phase of the Project.

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The Bureau of Engineering (BOE) has assessed all of the above-mentioned areas of significant storm damage and has negotiated the costs of the repairs with the contractor. In total, the December 2021 storms resulted in change orders of approximately \$660,000, which includes Change Order 34.

The requested increase the construction contract contingency amount is also needed to address pending change orders that are being negotiated and future change orders and delay claims that may be submitted by the contractor. There are currently thirty-two (32) pending change order requests, totaling approximately \$1,300,000, under review and negotiation. The major reasons for the change order requests include abatement of contamination discovered at the pump station, pump station relocation, diversion, modification and replacement of terrace drains, access road grade discrepancies, additional fencing, landscape materials procurement, additional demolition due to encroachment, and time impacts incurred due to the storm damage and the pump station relocation. The contractor has also notified the City that they may submit a claim, due to the rejection of thirty (30) change orders totaling approximately \$800,000, which will be addressed in future Board reports, if necessary.

Because the cumulative dollar amount of pending change orders for this Project has surpassed what remains of the previously approved construction contract contingency amount (\$210,292 remains), the BOE is unable to issue additional change orders for items unless the contingency amount is increased.

This Report request Board's approval to increase the previously approved construction contract contingency amount for the Project of \$889,239 by \$1,960,469, for a total not-to-exceed amount of \$2,849,708, or 32.04% of the original contract amount. The increased contingency will allow the BOE to address change orders caused by the December 2021 storm events, and additional change orders that are needed for the successful completion of the Project.

The BOE will continue to follow standard Department of Recreation and Parks (RAP) change order protocol and will obtain Board approval for change orders over \$100,000 and for change orders beyond 25% of the original contract amount.

The increase in the construction contract contingency amount being requested in this Board Report will exceed the remaining funds within the Potrero Canyon Trust Fund and will require a transfer of additional funding into the trust fund through the 1<sup>st</sup> Construction Progress Report of FY 22/23. Additional funding has been identified from previously unappropriated revenue and interest from property sales from lots around the Potrero Canyon Park and will be allocated for construction expenditures under this Project construction contract.

BOARD REPORT

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The following is a summary of the proposed Project contingency allocation:

<b>Summary of Project Contingency</b>				
	Base Construction Contract	Construction Contingency	Percent (%) of Base Contract Amount	Total Contract Ceiling (Base +Contingency)
RAP Board Report No. 21-091	\$8,892,394	\$889,239	9.99%	\$9,781,633
This Board Report	\$8,892,394	\$2,849,708	32.04%	\$11,742,102

To date, twenty-six (26) change orders have been executed in the amount of \$678,947, or 7.64% of the original contract award amount. One (1) pending change order (Change Order No. 34) is being requested for Board approval under this Report in the amount of \$194,698. The following table summarizes the change orders executed to date, pending change orders, and increased contingency amount for future change orders.

<b>Summary of Funding Request</b>			
Category	Total No. of Change Orders	Dollar (\$) Amount	Percent (%) of Contract Amount
Executed Change Orders to Date	26	\$678,947	7.64%
Pending Change Orders (including C.O No. 34) due to December 2021 Storms	11	\$660,000	7.42%
Remaining and Additional Contingency for Future Change Orders	N/A	\$1,510,761	16.98%
<b>Total</b>	<b>37</b>	<b>\$2,849,708</b>	<b>32.04%</b>



BOARD REPORT

PG. 6 NO. 22-185

FUNDING AVAILABILITY

Sufficient funds to cover all current and anticipated change orders are currently available from the following funds and account:

<u>FUNDING SOURCE</u>	<u>FUND/DEPT./ACCT. NO.</u>	<u>AMOUNT</u>
Potrero Canyon Trust Fund	100/54/00G998	\$2,380,708.00*
Reversal of BOE Labor Reimbursement		\$469,000.00**

- \* Pending transfer of funds from the Potrero Canyon Loan to the Potrero Canyon Trust fund through the 1<sup>st</sup> Construction Progress Report of FY 22/23
- \*\* Pending funds transfer from CTIEP Funds through the 4<sup>th</sup> Construction Progress Report. BOE labor costs will be reimbursed if sufficient funds remain at the end of construction.

ENVIRONMENTAL IMPACT STATEMENT

The Project was previously evaluated for environmental impacts in accordance with the California Environmental Quality Act (CEQA). A final Environmental Impact Report (EIR) (State Clearinghouse No. 84091901) for the Project was previously adopted by the Board on June 28, 1985. An Addendum to the previously certified EIR was prepared on November 19, 2020, by the BOE pursuant to Section 15164 of the CEQA Guidelines. The Addendum determined that there have been no changes to the Project, nor to the circumstances under which the Project is being undertaken, nor has new information arisen that would result in new significant environmental effects or would increase the severity of previously identified significant effects.

TREE AND SHADE

This Project will remove various mature trees in areas of the canyon that were not graded during the previous Grading project. During the clearing and grubbing phase, a BOE landscape architect will visit these areas to determine which trees may remain based on the restrictions imposed by the Los Angeles Fire Department and the California Coastal Commission. Trees within the canyon must be native and drought tolerant, and approved to be within the fuel modification zones of the park.

The proposed landscaping palette has been discussed at the various community meetings and will consist of native, drought tolerant landscaping, and trees and shrubs that are indigenous to the various microclimates located along Potrero Canyon.

## BOARD REPORT

PG. 7 NO. 22-185

A total of five hundred and thirty (530) trees will be planted as a part of the Project, which will include one hundred and fourteen (114) *Juglans Californica* (California Walnut), forty-seven (47) *Populus Fremontii*. *Fremontii* (Western Cottonwood), fifty-four (54) *Salix Gooddingii* (Black Willow), fifty-nine (59) *Salix Laevigata* (Red Willow), forty-six (46) *Plantanus Racemosa* (Western Sycamore), one hundred and seventy-six (176) *Quercus Agrifolia* (Coast Live Oak), twenty-two (22) *Heteromeles Arbutifolia* (Toyon), and twelve (12) *Pinus Torreyana* (Torrey Pines). The new trees will be dispersed among four ecologic zones, at park area and the parking lot of the Palisades Recreation Center.

At the time of construction completion, the new trees would provide approximately 2,098 square feet of canopy coverage. At five (5) years after construction completion, it is anticipated that those trees will provide approximately 114,260 square feet of canopy coverage.

### FISCAL IMPACT STATEMENT

The Project will be funded by the aforementioned funding sources. There is no immediate fiscal impact to RAP's General Fund. The Department's future maintenance and operations costs will be requested through the City's budget process.

### STRATEGIC PLAN INITIATIVES AND GOALS

Approval of this Board report advances RAP's Strategic Plan by supporting:

**Goal No. 1:** Provide Safe Accessible parks.  
**Outcome No. 1:** Every Angeleno has walkable access to a park in their neighborhood  
**Key Metric:** Percentage of Angelenos with park access within a ½ mile of their home  
**Target:** 60% by 2022

This Board report was prepared by Kristen Ly, Civil Engineering Associate III, BOE Geotechnical Engineering Division, and reviewed by Ohaji Abdallah, Interim Prop K Program Manager, Architectural Division, BOE; Steven Fierce, Division Manager, Architectural Division, BOE; Jose Fuentes, Deputy City Engineer, BOE; Sean Phan, Planning, Maintenance, and Construction Branch; and Darryl Ford, Superintendent, Planning, Maintenance, and Construction Branch.

### LIST OF ATTACHMENTS

Attachment No. 1 – Change Order Log, dated May 31, 2022

Attachment No. 2 – Photos of December 2021 Storm Damage

**City of Los Angeles - Department of Public Works - Bureau of Engineering**  
**Potrero Canyon Park - Landscaping**  
**W.O. No. E1908635**  
**CHANGE ORDER LOG**

CO No.	COR No.	Subject	Payment Type	CO Cat.	COIN Date	COIN Est. (\$)	PCO ECO T&M Date	Not to Exceed (\$)	GC Proposal (\$)	GC Proposal Date	City Estimate (\$)	Agreed Amount (\$)	Agreed Date	CO Status	CO Date	Time Ext. Cal. Days	Comments
001	006-R0	Additional Backflow and Water Connections	LS	E	07/26/21	\$10,000.00	07/26/21		\$56,185.00	09/09/21	\$37,432.26	\$51,345.00	12/07/21	EXEC	12/08/21	0	PC 004
002	002-R0	Remove and Dispose of Unforeseen Retaining Wall @ Landslide Repair Area	TM	U	07/26/21	\$5,000.00	08/05/21	\$5,000.00	\$15,917.00	08/18/21	\$15,761.00	\$15,761.00	08/26/21	EXEC	09/02/21	0	
003	011-R2	Repair of 1 ½" Water Line Near Access Road Sta. 18+00	LS	U	08/16/21	\$5,000.00	08/23/21	\$2,500.00	\$11,353.00	01/28/22	\$5,558.00	\$5,558.00	02/10/22	EXEC	02/14/22	0	RFI 0019
004	028-R1	Change Perforated Pipe to Solid Pipe @ Landslide Area	TM	U	08/24/21	\$5,000.00	08/30/21	\$15,000.00	\$21,300.00	01/24/22	\$15,793.74	\$19,618.00	02/19/22	EXEC	02/23/22	0	RFI 0026
005	015-R0	Stock Fencing Materials	LS	S	09/01/21	\$10,000.00	09/17/21		\$3,991.00	11/16/21	\$3,601.00	\$3,991.00	01/21/22	EXEC	01/26/22	0	
006	007-R1	Terrace Drain Change per PC 7	LS	S	09/17/21	\$75,000.00	09/17/21		\$69,716.39	09/10/21	\$30,687.00	\$56,612.00	10/14/21	EXEC	10/19/21	0	
007	None Specified	(VOID) Relocation of Fencing at 441 Alma Real & 15211 Friends St	CAN	S										CAN			
008	009-R0	Exeloo Add Ons Options	LS	S	09/29/21	\$25,000.00	09/30/21		\$54,528.00	09/27/21	\$20,672.00	\$42,600.00	11/04/21	EXEC	11/10/21	0	
009	004-R0	Additional Tree Removals	LS	E	10/13/21	\$100,000.00	10/14/21		\$105,609.00	09/02/21	\$83,915.51	\$83,900.00	10/28/21	EXEC	11/03/21	0	
010	012-R0	Bench and Trash Bin Pad	LS	S	10/13/21	\$5,000.00	10/14/21		\$15,371.00	10/26/21	\$14,905.00	\$14,905.00	01/24/22	EXEC	01/27/22	0	
011	013-R0	Reimbursement for Furnished Plants (09/2021 - 10/2021)	LS	S	11/04/21	\$50,000.00	11/04/21		\$54,730.00	11/05/21	\$49,164.39	\$49,164.00	11/16/21	EXEC	11/29/21	0	
012	017-R0	Irrigation Crossings Over Terrace & Down Drains	LS	E	11/29/21	\$75,000.00	12/01/21		\$61,285.00	11/16/21	\$65,476.29	\$60,734.00	01/12/22	EXEC	01/13/22	0	
013	044-R0	Installation of PRV & Repair of 1-1/2 in. Water Line Near Access Road Sta. 18+00	TM	U	12/07/21	\$5,000.00	02/03/22	\$5,000.00	\$2,830.00	02/03/22	\$2,808.73	\$2,809.00	03/16/22	EXEC	03/22/22	0	
014	032-R0	Reimbursement for Furnished Plants (10/2021 - 11/2021)	LS	S	12/09/21	\$25,000.00	12/09/21		\$19,979.00	01/18/22	\$19,979.34	\$19,979.00	01/21/22	EXEC	01/26/22	0	
015	021-R1	Installation of PRV at POC 1 & POC 2	LS	U	12/13/21	\$25,000.00	12/14/21		\$12,516.00	12/27/21	\$10,980.13	\$12,516.00	01/05/22	EXEC	01/06/22	0	
016	018-R0	Friends Street Sidewalk	LS	S	12/13/21	\$50,000.00	12/14/21		\$48,269.00	11/24/21	\$40,257.00	\$50,041.00	01/26/22	EXEC	02/01/22	0	
017	040-R0	Base for Restroom Walkway	LS	E	12/20/21	\$5,000.00	12/20/21		\$7,378.00	01/28/22	\$7,875.00	\$7,875.00	02/07/22	EXEC	02/14/22	0	
018	None Specified	(VOID) Trenching and Backfill for RAP Waterline	CAN	U	12/23/21	\$5,000.00								CAN			
019	037-R0	Reimbursement for Furnished Plants - December 2021	LS	S	01/05/22	\$5,000.00	01/07/22		\$1,443.00	01/24/22	\$1,362.00	\$1,443.00	01/26/22	EXEC	02/01/22	0	
020	036-R0	Stockpile Access Road - Washout	TM	U	01/10/22	\$10,000.00	01/11/22	\$50,000.00	\$36,908.00	01/20/22	\$39,035.23	\$39,035.00	03/14/22	EXEC	03/15/22	0	
021	050-R1	Rain Delays for December 2021 through January 2022	LS	U	01/10/22	\$0.00	02/02/22		\$0.00	02/14/22	\$0.00	\$0.00	02/19/22	EXEC	02/23/22	9	
022	030-R0	Modification to Rebar @ Friends Street per RFI #72	LS	E	01/18/22	\$10,000.00	01/19/22		\$5,921.00	12/16/21	\$5,638.00	\$5,638.00	01/31/22	EXEC	02/01/22	0	
023	043-R0	Partnering Meeting #2 - December 17, 2021 (Supplemental to AO 7-002)	LS	U	01/21/22	\$5,000.00	01/24/22		\$1,448.00	02/03/22	\$1,448.00	\$1,448.00	02/19/22	EXEC	02/23/22	0	
024	035-R0	Rutting Repair Along Stockpile Access Road	LS	U	02/02/22	\$25,000.00	03/02/22		\$17,384.00	01/19/22	\$37,814.77	\$16,201.00	03/08/22	EXEC	03/10/22	0	
025	063-R0 034-R0	Rutting Repair Along Park Access Road per RFI No 112-R1	LS	U	02/02/22	\$50,000.00	03/02/22		\$48,341.00 \$0.00	03/14/22 01/19/22	\$42,654.00	\$46,964.00	03/14/22	EXEC	03/15/22	0	

026	033-R0	(VOID) Buttress Fill at Basin 0 per PC No. 13	CAN	S					\$697,792.00	01/19/22				CAN		
027	None Specified	Recreation Center Repairs	TM	U	03/07/22	\$50,000.00	03/17/22	\$50,000.00						UNR		
028	041-R0	Access Road Repair - Overly Saturated Soil	LS	U	03/03/22	\$25,000.00	03/03/22		\$23,002.00	01/28/22	\$27,258.97	\$27,259.00	03/14/22	EXEC	03/15/22	0
029	046-R0	Encroachment Removals at 401 Alma Real	LS	U	03/03/22	\$50,000.00	03/03/22		\$35,459.00	02/03/22	\$23,576.58	\$23,577.00	03/14/22	EXEC	03/15/22	0
030	047-R0	South of Basin 9 Grading and Compaction Issues	LS	U	03/03/22	\$25,000.00	03/03/22		\$19,974.00	02/03/22	\$21,673.46	\$19,974.00	03/14/22	EXEC	03/15/22	0
031	059-R0	Partnering Meeting #3 (02/23/22)	LS	U	03/10/22	\$10,000.00	03/11/22		\$5,000.00	03/04/22				UNR		
032	060-R0	AC Pavement Repair at Rec Center	LS	U	03/16/22	\$50,000.00	03/17/22		\$25,306.00	03/04/22				UNR		
033	061-R0 031-R1	Remobilization & Additional Relocations (Ferreira)	LS	U	03/10/22	\$50,000.00	03/11/22		\$2,748.00 \$5,275.00	03/04/22 01/21/22				UNR		
034	052-R0	Berm Repair - Basin 8/9	LS	U	03/14/22	\$200,000.00	03/14/22		\$0.00	02/16/22				UNR		
035	None Specified	Reimbursement for Furnished Plants & Plant Maintenance - Oak Trees and Jan-Feb Maintenance Fees	LS	S	03/14/22	\$10,000.00	03/14/22							UNR		
036	062-R0	Relocation of Project Spoils to Stockpile Area	LS	U	03/14/22	\$50,000.00	03/14/22		\$20,393.00	03/14/22				UNR		
037	053-R1	Basin Slope Repair - Basin 9 West Side Washout	LS	U	03/24/22	\$75,000.00	03/24/22		\$68,816.00	03/16/22				UNR		
038	020-R0	Post at Terrace Drains (West Side)		U					\$0.00	12/03/21				UNR		

<b>Original Contract</b> <b>Original Contingency</b> <b>Revised Contingency</b>	<b>\$8,892,394.00</b> <b>\$889,239.00</b> <b>--</b>	<b>Time Extension</b> <b>Approved Comp. CD's</b> <b>Approved Non Comp. CD's</b>	<b>9 CD's</b> <b>0</b> <b>9</b>	<b>Payment Type:</b> <b>LS: Lump Sum</b> <b>TM: Time &amp; Material</b> <b>CAN: Canceled</b>	<b>CO Category:</b> <b>U: Unforeseen</b> <b>E: Errors &amp; Omissions</b> <b>S: Change in Scope</b>	<b>15</b> <b>5</b> <b>6</b>	<b>\$277,311.00</b> <b>\$209,492.00</b> <b>\$192,144.00</b>
<b>Executed COs &amp; UCOs</b> <b>CO Percentage</b> <b>Revised Contract</b> <b>Remaining Contingency</b>	<b>\$678,947.00</b> <b>7.64%</b> <b>\$9,571,341.00</b> <b>\$210,292.00</b>			<b>CO Status:</b> <b>EXEC: Executed</b> <b>NEG: Negotiated</b> <b>UNR: Unresolved</b> <b>CAN: Canceled</b>	<b>Executed COs</b> <b>Executed UCOs</b> <b>Forecasted COs</b> <b>Canceled COs</b>	<b>26</b> <b>0</b> <b>8</b> <b>3</b>	<b>\$678,947.00</b> <b>\$0.00</b> <b>\$187,538.00</b> <b>--</b>



Figure 1: George Wolfberg at Potrero Canyon Park aerial view





Figure 2: Main areas of significant damage sustained from the December 2021 storms located in the lower portion of the park.





Photo 1: Looking northeast at the Basin 9 berm after the December storms. Severe erosion caused collapse of the berm and washed mud into the basin.

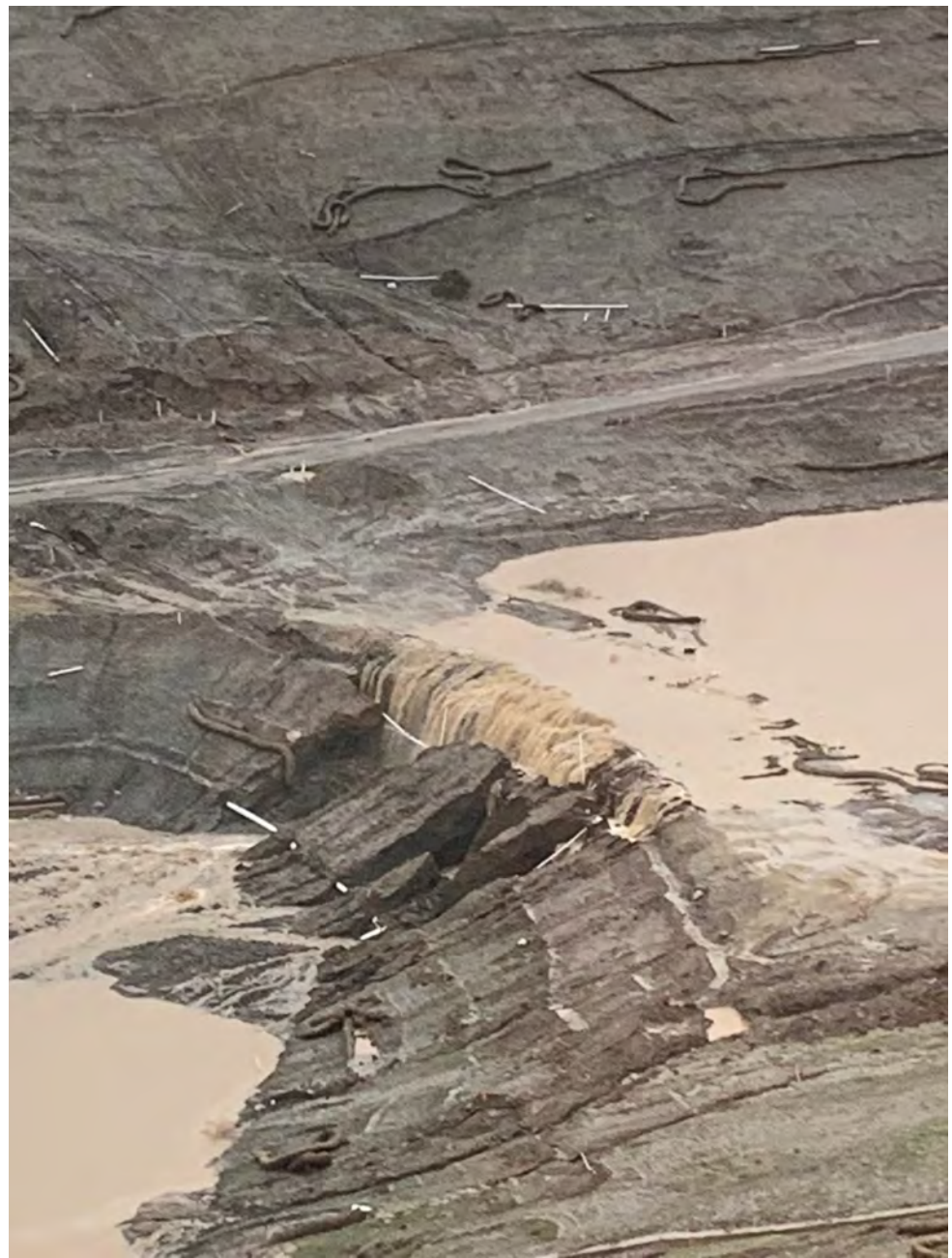


Photo 2: Looking west at the berm between Basin 8 and Basin 9, taken during the December storms. A period of intense rainfall resulted in a washout on the slope of the berm.





Photo 3 (above): Looking north into the canyon. Heavy rains resulted in severe erosion gullies that made the roadway unsafe for construction vehicles to enter the canyon.



Photo 4 (left): Erosion gullies were 1-ft to 3-ft deep and were required to be filled in for vehicles to be able to drive through.





Photo 5: Looking northwest along the access road near PCH. A landslide deposited mud and debris, rendering the road impassable.



Photo 6: The Contractor excavated mud and debris, and placed geotextile on the roadway to allow safe passage from the project stockpile into the canyon and continue construction





Photo 7: Looking northeast from Pacific Coast Highway. A landslide deposited mud and debris onto the access road. Severe erosional rutting also prevented access to the project stockpile as shown on the left.

BOARD OF COMMISSIONERS

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(213) 202-2640



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ASSISTANT GENERAL MANAGER

BRENDA AGUIRRE  
ASSISTANT GENERAL MANAGER

(213) 202-2633

September 7, 2023

Ford E.C., Inc.  
10850 Wilshire Blvd., Suite 380  
Los Angeles, CA 90024

Gentlepersons:

The Board of Recreation and Park Commissioners, at its meeting held on September 7, 2023, approved partial acceptance of the work performed, as outlined in the Summary of Report No. 23-163, performed by Ford E.C. Inc.), on the Potrero Canyon Park Landscaping (W.O. #E1908635) Project, located near 15101 Pacific Coast Highway, Palisades, CA 90272; said work having been 95% complete in accordance with the plans and specifications therefore the Department of Recreation and Parks is recommending the partial release of the retention monies held under Contract No. 3799 to Ford E.C., Inc., after deducting amounts in connection with any remaining stop payment notices and any additional withheld amounts as further detailed in Report No. 23-163.

Please call the undersigned at (213) 202-2640 if you have any questions.

Very truly yours,

BOARD OF RECREATION AND  
PARK COMMISSIONERS

TAKISHA SARDIN  
Commission Executive Assistant II

cc: Bureau of Contract Administration, Attention: Neville Premdas  
City Attorney  
City Controller  
Noel Williams, RAP, Chief Accounting Employee  
Eleanor Chang, RAP, Chief Accountant IV  
Steven Tran, RAP, Grants Administration  
Office of Contract Compliance  
Cathie Santo Domingo, RAP, Assistant General Manager  
Darryl Ford, Superintendent, Planning, Maintenance & Construction Branch  
Pedro Garcia, Civil Engineer, Bureau of Engineering  
Steven Fierce, Principal Architect, Bureau of Engineering





September 7, 2023  
Page 2

Deborah Weintraub, Chief Deputy City Engineer, Bureau of Engineering

APPROVED

Sept 07, 2023

BOARD OF RECREATION AND PARK COMMISSIONERS

BOARD REPORT

NO. 23-163

DATE September 07, 2023

C.D. 11

BOARD OF RECREATION AND PARK COMMISSIONERS

SUBJECT: POTRERO CANYON PARK - LANDSCAPING (W.O. E1908635) PROJECT - CONTRACT NO. 3799 - APPROVAL OF CHANGE ORDERS - PARTIAL ACCEPTANCE, REMOVAL OF ALLOWANCE NO. 8, INCREASE OF CONSTRUCTION CONTINGENCY AND PARTIAL RELEASE OF RETENTION

B. Aguirre \_\_\_\_\_ M. Rudnick \_\_\_\_\_
B. Jones \_\_\_\_\_ for C. Santo Domingo DF
B. Jackson \_\_\_\_\_ N. Williams \_\_\_\_\_

9/6
General Manager

Approved X Disapproved \_\_\_\_\_ Withdrawn \_\_\_\_\_

If Approved: Board President [Signature] Board Secretary [Signature]

RECOMMENDATIONS

- 1. Approve the partial acceptance of work and approve the partial release of retention funds held in the amount of \$419,392.54 (or 80% of the total retention monies held to date of \$524,240.68) on 95% of the work as completed to date on the Potrero Canyon Park - Landscaping (W.O. E1908635) Project (Project) under Contract No. 3799 (Contract) with the Ford E.C., Inc. (Ford), as outlined in the Summary of this Report, subject to the satisfaction of conditions set forth in Article 48 of the General Conditions of the Contract;
2. Authorize the Department of Recreation and Parks' (RAP) Chief Accounting Employee to release \$419,392.54 (or 80% of the total retention monies held under Contract No. 3799) to Ford, five business days from the Board of Recreation and Parks Commissioners (Board) approval of this Report, subject to the satisfaction of conditions set forth in Article 48 of the General Conditions of the Contract;
3. Authorize the Board Secretary to furnish Ford with a letter of partial completion, subject to the satisfaction of conditions set forth in Article 48 of the General Conditions of the Contract;

## BOARD REPORT

PG. 2 NO. 23-163

4. Approve the removal of Allowance No. 8 for Pacific Coast Highway Resurfacing in the amount of \$500,000 from the Contract, resulting in a reduction of the base contract award amount from Eight Million Eight Hundred Ninety-Two Thousand Three Hundred Ninety-Four (\$8,892,394) to Eight Million Three Hundred Ninety-Two Thousand Three Hundred Ninety-Four (\$8,392,394) as further described in this Report, and authorize an amendment to the Contract in connection thereto;
5. Approve an increase to the construction contract contingency amount for the Project from the current amount of Two Million, Eight Hundred Forty-Nine Thousand, Seven Hundred and Eight Dollars (\$2,849,708), or 32.04% of the original base contract award amount to Four Million, Four Hundred Fifty-Six Thousand, Six Hundred Eighty-Five Dollars (\$4,456,685) or 53.10% of the revised base contract award amount;
6. Authorize the City Engineer to issue the following two (2) change orders, each above \$100,000 and as more fully described in this Report in the amount of:
  - a. \$144,000 for fencing issues as described below.
  - b. \$173,000 for vegetation issues as described below.
7. Authorize the City Engineer to negotiate and approve future change orders up to the new construction contract contingency amount as noted and approved in this Board Report; and,
8. Authorize RAP's Chief Accounting Employee or Designee to make technical corrections as needed to fulfill the intent of this report.

### SUMMARY

On May 20, 2021, the Board awarded Contract No. 3799 to Ford (Board Report No. 21-091), in the amount of \$8,892,394.00 for the Project (Contract), located at 15101 Pacific Coast Highway, Los Angeles, CA 90272.

This Project constructed a 46-acre passive park with a riparian zone containing wetland trees and plants that run down the center of the entire length of the park through a series of large retention basins. The park is now called the George Wolfberg Park at Potrero Canyon (Park). The current phase of construction of this Project consisted of installing all the irrigation, landscaping and park features within the Park. Future phases of this Project include a 5-year maintenance phase as required by the Habitat Monitoring and Mitigation Plan, a pedestrian lateral trail to Temescal Canyon Road, and a Pedestrian Overcrossing bridge over Pacific Coast Highway.

## BOARD REPORT

PG. 3 NO. 23-163

The scope of work for this Project included:

1. Clearing and grubbing
2. Reconstruction of the Palisades Recreation Center parking lot, including paving, striping of parking stall, installation of Americans with Disabilities Act (ADA) compliant signage and paths, and planting of trees and shrubs in the center parking lot island.
3. Minor grading – cut and fill from existing stockpiles, including buttressing of over-steepened slopes at the mouth of the canyon nearest to Pacific Coast Highway
4. Installation of irrigation systems throughout the canyon
5. Installation of landscaping, including plants, decorative boulders and information signs
6. Construction of a new prefabricated restroom at the top of the canyon including construction of a concrete foundation pad, installation of restroom model, connection to utilities, and planting along the exterior walls.
7. Construction of perimeter fencing around the entire canyon
8. Construction of fencing around riparian zones and paths
9. Construction of a soil cement access road
10. Construction of scenic overlooks, including benches, trash cans, and decomposed granite (DG) paths to the overlooks
11. Construction of a pump station to recycle stormwater runoff into the riparian system.
12. Construction of approximately 700 linear feet of 6” PVC force main to supply water for the riparian zone.
13. Construction of approximately 700 linear feet of 12” to 24” storm drainpipes
14. Construction of a DG path connecting the entrance at Friends Street to park trails
15. Erosion control / Stormwater Pollution Prevention Plan implementation.

On July 7, 2022, the Board approved an increase in construction contract contingency amount for the Project to a total of \$2,849,708 or 32.04% of the original base contract amount (Board Report No. 22-185, Attachment 2).

### Partial Acceptance and Retention Release:

Ford was issued a Notice to Proceed to begin construction on July 12, 2021. Currently, construction is 95% complete. On December 9, 2022, the Department of Public Works, Bureau of Contract Administration (BCA) issued a Statement of Partial Completion for the Park from the main entrance near Frontera Drive to the lowest Basin 9. A Certificate of Occupancy was also issued on December 9, 2022, for the new restroom located near the entrance of the Park. RAP took possession of the Park within the aforementioned limits on December 10, 2022. The remainder of the work consists of completing the installation of the pump station along Pacific Coast Highway. This work is not anticipated to impact the remaining portions of the Park.

Department of Public Works, Bureau of Engineering (BOE) recommends the Board issue a letter of partial completion and acceptance in accordance with the above description, and payment of \$419,392.54 (or 80% of the total retention monies held to date of \$524,240.68) to Ford, who exhibited utmost cooperation in constructing the Park in a satisfactory manner and providing additional change order work.

## BOARD REPORT

PG. 4 NO. 23-163

### Removal of Allowance No. 8 – Pacific Coast Highway Resurfacing

BOE requests that the Board approve the removal of Lump Sum Allowance No. 8 for Pacific Coast Highway Resurfacing in the amount of \$500,000 from the Contract. This resurfacing is a part of traffic control measures that allow for access along Pacific Coast Highway. This resurfacing will be included in a future project and is not necessary at this time. Removing this Allowance No. 8 allows these funds to be used to fund the anticipated change orders described in this Report. The Contract will be amended to reduce the original base Contract award from \$8,892,394 to \$8,392,394.

### Executed Change Order Summary:

As of May 22, 2023, this Project has issued a total of ninety-five (95) change orders in the amount of \$2,729,987, or 30.7% of the original contract amount. Of the increased construction contract contingency amount that was approved per Board Report 22-185, \$119,721 remains. The following table summarizes the change orders issued to date by category and the attached Change Order Log (Attachment No. 2) provides a listing of all the change orders.

<b>Change Order Expenditure Summary as of May 22, 2023</b>			
<b>Change Order Type</b>	<b>Number of Change Orders</b>	<b>Cumulative Costs</b>	<b>Percent (%) of Original Base Contract Amount</b>
Unforeseen Conditions	53	\$1,448,656	16.3%
Errors & Omissions	20	\$900,197	10.1%
Change in Scope	22	\$381,134	4.3%
<b>Total</b>	<b>95</b>	<b>\$2,729,987</b>	<b>30.7%</b>
Contingency per B.R. No 22-185		\$2,849,708	
Remaining Contingency		\$119,721	

### Anticipated Change Orders

An additional 30 Change Orders are anticipated in order to complete the Project. These anticipated change orders amount to \$1,606,977. The currently remaining contingency amount of \$119,721 is proposed to remain to address any future change orders not contemplated by the anticipated change orders set forth in this Report. Thus, BOE is requesting an increase in the construction contingency in the amount of \$1,606,977 as more fully described in the section below.



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The largest contributors to the additional 30 change orders are due to storm damage, delays, unforeseen conditions and the two change orders over \$100,000 described in the section below. In January through March 2023, significant and unprecedented storms resulted in a minor washout along the access road near the park Basin 6. Additional erosion protection measures were installed in between storms to prevent further damage, and the erosion required repair and installation of a new catch basin to prevent such erosion in the future. These repairs and erosion protection resulted in anticipated change orders totaling approximately \$170,000.

Delays and additional requirements associated with the Department of Water and Power installation of electrical services for the park pump station also incurred additional costs resulting in anticipated change orders totaling approximately \$145,000 for work including extra bollards around the power drop and demolition of existing pavement for a reconstructed staging area. The delays in obtaining power for irrigation control systems also resulted in the need for hand watering of plants to ensure the success of new planting.

Overall project delays also account for time extensions and overhead due the Contractor by Contract, resulting in anticipated change orders totaling approximately \$471,000.

Due to the large and complex nature of the Project, as well as the overlapping history of work done in the Park, several design errors were identified in the months prior to opening of the Park to the public. These include additional grading and soil cement to tie together the road with the project plans, and decomposed granite to provide a firm walking surface along paths. There were also design errors with portions of the irrigation layout, and in specifying updated equipment for the pump station. These errors resulted in anticipated change orders totaling approximately \$230,000.

Unforeseen conditions were also encountered as construction progressed. As the pump station along Pacific Coast Highway was excavated, concrete structures found below grade that needed to be removed. Additional utilities, such as storm drains and sewer cleanouts, were found during construction and required modifications to safely incorporate into the Park. As the perimeter fencing was installed, several encroachments by private property owners were also found and were required to be removed. These unforeseen conditions resulted in anticipated change orders totaling approximately \$272,000.

### Change Orders Over \$100,000

The anticipated change orders include the following two change orders set forth below, each over \$100,000. Following RAP change order protocol requiring Board approval for any change order over \$100,000, BOE is seeking specific Board approval for these 2 change orders.

Firstly, the fencing subcontractor, Ferreira Construction Co., Inc., incurred additional costs through the Project. Delays in the project schedule resulted in fencing work extending beyond the original contract. This extended work falls under the new annual approved labor rates, resulting in an increase in costs. Additional efforts were also made by the subcontractor in order to install perimeter fence posts on steep slopes along the canyon, including hand digging for

## BOARD REPORT

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posts, and manual installation of concrete footings. Approval for one change order in the amount of \$144,000 to resolve all of the above fencing issues is being requested.

Secondly, CalMont General Engineering, Inc., the grading subcontractor responsible for vegetation removal, encountered significantly larger and more substantial vegetation growth in the canyon than was anticipated. Nearly 30 acres of park land had significant vegetation overgrowth as compared to the time of bid. Removal of these weeds at the beginning of construction was necessary in order to allow for irrigation installation and planting of native vegetation, and the increased efforts resulted in additional costs. Approval for one change order in the amount of \$173,000 to resolve all of the above vegetation issues is being requested.

### Request for Contingency Increase

As noted previously, the Board previously approved an increase in the construction contingency amount to a total of \$2,849,708 (32.04% of the original base contract amount) (Board Report No. 22-185) to fund change orders. Of this amount, \$119,721 remains. In order to fund the 30 anticipated change orders described above, BOE requests an increase in the construction contingency in the amount of \$1,606,977 for a new total contingency of \$4,456,685. This amounts to 53.10% of the revised base contract amount, such base contract amount being lowered by the removal of Allowance No. 8 as discussed in the above section.

The following is a summary of the project contingency amount being requested:

<b>Summary of Project Contingency</b>				
<b>Category</b>	<b>Base Construction Contract</b>	<b>Construction Contingency</b>	<b>Percent (%) of Base Contract Amount</b>	<b>Total Contract Ceiling (Base + Contingency)</b>
Contingency per RAP Board Report 21-091	\$8,892,394	\$889,239	9.99%	\$9,781,633
Contingency per RAP Board Report 22-185	\$8,892,394	\$2,849,708	32.04%	\$11,742,102
<b>This Board Report</b>	<b>\$8,392,394*</b>	<b>\$4,456,685</b>	<b>53.10%</b>	<b>\$12,849,079</b>

\*see Recommendation No. 4 for revised Base Construction Contract

The construction of the Project was funded solely by the Potrero Canyon Trust Fund and funds were made available through account 100/54/00G998 and 50F/50/50RMAB.

Sufficient funds to cover all current and anticipated change orders are currently available from the following funds and account:

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<u>FUNDING SOURCE</u>	<u>FUND/DEPT./ACCT. NO.</u>	<u>AVAILABLE AMOUNT</u>
Potrero Canyon Trust Fund	100/54/00G998	\$ 3,987,488.94
Removal of Allowance No. 8 for PCH Resurfacing		\$ 500,000.00*

\* Pending approval of Recommendation No. 4 described in this Board Report

Staff consulted with the Office of Contract Compliance (OCC) of the BCA concerning the status of the labor compliance requirements on the Project. OCC reported that Ford is in compliance.

ENVIRONMENTAL IMPACT STATEMENT

The Project was previously evaluated for environmental impacts in accordance with the California Environmental Quality Act (CEQA). A final Environmental Impact Report (EIR) (State Clearinghouse No. 84091901) for the Project was previously adopted by the Board on June 28, 1985. An Addendum to the previously certified EIR was prepared on November 19, 2020, by the BOE pursuant to Section 15164 of the CEQA Guidelines. The Addendum determined that there have been no changes to the Project, nor to the circumstances under which the Project is being undertaken, nor has new information arisen that would result in new significant environmental effects or would increase the severity of previously identified significant effects.

The proposed Board's action consists of a redistribution of the existing funding for the Project, does not increase the total expected Project cost and does not include any change in the Project's activities. Based on these considerations, staff found that the proposed action does not cause a direct or reasonably indirect physical change in the environment which has not been previously evaluated; therefore, it does not constitute a "project" pursuant to Section 21065 of the California Public Resources Code and is not subject to the California Environmental Quality Act (CEQA).

TREE AND SHADE STATEMENT

This Project removed various mature trees in areas of the Park that were not graded during the previous grading phase of the Project. During the clearing and grubbing phase, a BOE landscape architect visited these areas to determine which trees may remain based on the restrictions imposed by the Los Angeles Fire Department and the California Coastal Commission. Trees within the Park must be native and drought tolerant, and also approved to be within the fuel modification zones of the park.

The proposed landscaping palette has been discussed at the various community meetings, and consists of native, drought tolerant landscaping, and trees and shrubs that are indigenous to the various microclimates located along the Park.

A total of five hundred and thirty (530) trees have been planted as a part of the Project, which includes one hundred and fourteen (114) Juglans Californica (California Walnut), forty-seven (47) Populus Fremontii spp. Fremontii (Western Cottonwood), fifty-four (54) Salix Gooddingii (Black Willow), fifty-nine (59) Salix Laevigata (Red Willow), forty-six (46) Plantanus Racemosa

## BOARD REPORT

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(Western Sycamore), one hundred and seventy-six (176) Quercus Agrifolia (Coast Live Oak), twenty-two (22) Heteromeles Arbutifolia (Toyon), and twelve (12) Pinus Torreyana (Torrey Pines). The new trees have been dispersed among four ecologic zones, within the park area and the parking lot of the Palisades Recreation Center.

At the time of construction completion, the new trees provide approximately 2,098 square feet of canopy coverage. At five (5) years after construction completion, it is anticipated that those trees will provide approximately 114,260 square feet of canopy coverage.

### FISCAL IMPACT STATEMENT

The Project is funded by the aforementioned funding sources. RAP's future maintenance and operations costs will be requested through the City budget process.

### STRATEGIC PLAN INITIATIVES AND GOALS

Approval of this Board report advances RAP's Strategic Plan by supporting:

**Goal No. 1:** Provide Safe Accessible parks.  
**Outcome No. 1:** Every Angeleno has walkable access to a park in their neighborhood.  
**Key Metric:** Percentage of Angelenos with park access within a ½ mile of their home  
**Target:** 60% by 2022

This Report was prepared by Kristen Ly, Civil Engineering Associate III, BOE Geotechnical Engineering Division, and reviewed by Steven Fierce, Division Head, Architectural Division, BOE; and Darryl Ford, Superintendent, Planning, Maintenance, and Construction Branch.

### LIST OF ATTACHMENTS/EXHIBITS

Attachment 1 – RAP Board Report 22-185  
Attachment 2 – Change Order Log

# APPROVED

July 07 2022

## BOARD OF RECREATION AND PARK COMMISSIONERS

**BOARD REPORT**

NO. 22-185

DATE July 07, 2022

C.D. 11

### BOARD OF RECREATION AND PARK COMMISSIONERS

SUBJECT: POTRERO CANYON PARK - LANDSCAPING (W.O. E1908635) PROJECT  
– APPROVAL OF CHANGE ORDER - AUTHORITY TO INCREASE  
CONSTRUCTION CONTRACT CONTINGENCY AMOUNT AND TO  
NEGOTIATE ADDITIONAL CHANGE ORDERS FOR CONTRACT 3799  
WITH FORD E.C., INC.

AP Diaz	_____	M. Rudnick	_____
H. Fujita	_____	F&C Santo Domingo	<u>DF</u>
J. Kim	_____	N. Williams	_____

  
 \_\_\_\_\_  
 General Manager

Approved   X   Disapproved \_\_\_\_\_ Withdrawn \_\_\_\_\_

### RECOMMENDATIONS

1. Authorize the City Engineer to negotiate and issue Change Order No. 34 in the amount of \$194,698, which will result in a cumulative total dollar amount for change orders of \$873,645, or 9.82% of the original contract award amount;
2. Approve an increase to the construction contract contingency amount for the Potrero Canyon Park – Landscaping (W.O. E1908635) Project (Project) from the current amount of Eight Hundred Eighty-Nine Thousand, Two Hundred and Thirty-Nine Dollars (\$889,239), or 9.99% of the original contract award amount, to a not to exceed amount of Two Million, Eight Hundred Forty-Nine Thousand, Seven Hundred and Eight Dollars (\$2,849,708), or 32.04% of the original contract award amount; and,
3. Authorize the City Engineer to negotiate and approve future change orders up to the new construction contract contingency amount as noted and approved in this Board Report.

### SUMMARY

The Potrero Canyon Park – Landscaping Project (Project) scope entails constructing a 46-acre passive park within a riparian zone, containing wetland trees and plants along the central spine of the entire park through a series of large retention basins. The Project is located at 15101 Pacific Coast Highway, Los Angeles, CA 90272. The current Project construction scope consists of installing landscaping, irrigation, and park features within the canyon.

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On May 20, 2021, the Board of Recreation and Parks Commissioners (Board) approved Board Report No. 21-091, which awarded Contract No. 3799 to Ford E.C., Inc. in the amount of \$8,892,394.00 for the construction of the Project and authorized a construction contract contingency amount of \$889,239.

Construction of the overall Project is approximately 50% complete. In late May 2022, the Palisades Recreation Center parking lot was completed and opened to the public. All perimeter fencing has been completed, except for the pedestrian gates. Approximately 80% of the irrigation system and 50% of the landscaping has been installed with the completed portions undergoing inspection.

Executed Change Order Summary

As of March 25, 2022, twenty-six (26) change orders have been executed in the amount \$678,947, or 7.64% of the original contract award amount. Of the original \$889,239 construction contract contingency amount that was approved previously, \$210,292 remains. The following table summarizes the change orders issued to date by category and the attached Change Order Log (Attachment No. 1) provides a listing of all the change orders.

<b>Change Order Expenditure Summary as of March 25, 2022</b>			
<b>Change Order Type</b>	<b>Number of Change</b>	<b>Cumulative Costs</b>	<b>Percent (%) of Base Contract Amount</b>
Unforeseen Conditions	15	\$277,311	3.12%
Errors & Omissions	5	\$209,492	2.36%
Change in Scope	6	\$192,144	2.16%
<b>Total</b>	<b>26</b>	<b>\$678,947</b>	<b>7.64%</b>
Contingency Per B.R. No 21-091		\$889,239	
Remaining Contingency		\$210,292	

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## BOARD REPORT

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### Change Order No. 34, over \$100,000

In December 2021, a series of heavy rainstorm events resulted in erosion damage to the Project site. The damage was relatively minor throughout most of the canyon, however, some areas of the lower portion of the canyon suffered significant damage when rainfall exceeded the capacity of the protective erosion control measures placed on-site. Areas suffering significant damage include Basin 9 and the Project access road leading to Pacific Coast Highway (Attachment No. 2).

The largest area of storm damage within the Project limits occurred when the earth berm between Basin 8 and Basin 9 collapsed due to an overflow of stormwater runoff. Basin 9 needs to be repaired by removing debris and mud to uncover storm drain outlets and to restore stormwater flow through the basin, replacing utility and irrigation lines that were destroyed within the collapsed berm area, and re-constructing the portion of the berm between Basins 8 and 9. This repair work is proposed as Change Order No. 34 under the construction contract. The total amount estimated to complete this repair work under Change Order No. 34 is \$194,698. Since this change order is over \$100,000, Board approval is requested for this change order.

### Construction Contract Contingency Increase

In addition to the repair associated with Change Order No. 34, other site damage suffered during the previously mentioned storm event resulted in the need to initiate additional change orders to address the repairs needed to continue construction. This Board Report seeks approval to increase the construction contract contingency amount to address the pending emergency change orders needed to continue construction and to address unknown change orders for the remainder of the contract work.

One of the main entrances for construction vehicles to the Project site is through an access road from Pacific Coast Highway. This access road allows for large construction vehicles to access the Project site, while circumventing the residential streets.

Storm runoff created large erosion channels up to approximately 3-ft in depth; a landslide that deposited a large amount of mud, vegetation, and debris onto the access road and beyond the Project limits; damage to recently installed irrigation infrastructure; and the oversaturation of soils.

In order to continue construction, the contractor must remove the displaced soil from adjacent properties and use geotextile fabric systems to restore the eroded roadway sections and unstable slopes. Roadway repair beyond the Project limits is necessary to maintain access to the site (Attachment No. 2). The total amount estimates to address the various change orders to complete this repair work is approximately \$460,000. Long term solutions to the access road, if required, are beyond the scope of this phase of the Project.

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The Bureau of Engineering (BOE) has assessed all of the above-mentioned areas of significant storm damage and has negotiated the costs of the repairs with the contractor. In total, the December 2021 storms resulted in change orders of approximately \$660,000, which includes Change Order 34.

The requested increase the construction contract contingency amount is also needed to address pending change orders that are being negotiated and future change orders and delay claims that may be submitted by the contractor. There are currently thirty-two (32) pending change order requests, totaling approximately \$1,300,000, under review and negotiation. The major reasons for the change order requests include abatement of contamination discovered at the pump station, pump station relocation, diversion, modification and replacement of terrace drains, access road grade discrepancies, additional fencing, landscape materials procurement, additional demolition due to encroachment, and time impacts incurred due to the storm damage and the pump station relocation. The contractor has also notified the City that they may submit a claim, due to the rejection of thirty (30) change orders totaling approximately \$800,000, which will be addressed in future Board reports, if necessary.

Because the cumulative dollar amount of pending change orders for this Project has surpassed what remains of the previously approved construction contract contingency amount (\$210,292 remains), the BOE is unable to issue additional change orders for items unless the contingency amount is increased.

This Report request Board's approval to increase the previously approved construction contract contingency amount for the Project of \$889,239 by \$1,960,469, for a total not-to-exceed amount of \$2,849,708, or 32.04% of the original contract amount. The increased contingency will allow the BOE to address change orders caused by the December 2021 storm events, and additional change orders that are needed for the successful completion of the Project.

The BOE will continue to follow standard Department of Recreation and Parks (RAP) change order protocol and will obtain Board approval for change orders over \$100,000 and for change orders beyond 25% of the original contract amount.

The increase in the construction contract contingency amount being requested in this Board Report will exceed the remaining funds within the Potrero Canyon Trust Fund and will require a transfer of additional funding into the trust fund through the 1<sup>st</sup> Construction Progress Report of FY 22/23. Additional funding has been identified from previously unappropriated revenue and interest from property sales from lots around the Potrero Canyon Park and will be allocated for construction expenditures under this Project construction contract.



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The following is a summary of the proposed Project contingency allocation:

<b>Summary of Project Contingency</b>				
	Base Construction Contract	Construction Contingency	Percent (%) of Base Contract Amount	Total Contract Ceiling (Base +Contingency)
RAP Board Report No. 21-091	\$8,892,394	\$889,239	9.99%	\$9,781,633
This Board Report	\$8,892,394	\$2,849,708	32.04%	\$11,742,102

To date, twenty-six (26) change orders have been executed in the amount of \$678,947, or 7.64% of the original contract award amount. One (1) pending change order (Change Order No. 34) is being requested for Board approval under this Report in the amount of \$194,698. The following table summarizes the change orders executed to date, pending change orders, and increased contingency amount for future change orders.

<b>Summary of Funding Request</b>			
Category	Total No. of Change Orders	Dollar (\$) Amount	Percent (%) of Contract Amount
Executed Change Orders to Date	26	\$678,947	7.64%
Pending Change Orders (including C.O No. 34) due to December 2021 Storms	11	\$660,000	7.42%
Remaining and Additional Contingency for Future Change Orders	N/A	\$1,510,761	16.98%
<b>Total</b>	<b>37</b>	<b>\$2,849,708</b>	<b>32.04%</b>

BOARD REPORT

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FUNDING AVAILABILITY

Sufficient funds to cover all current and anticipated change orders are currently available from the following funds and account:

<u>FUNDING SOURCE</u>	<u>FUND/DEPT./ACCT. NO.</u>	<u>AMOUNT</u>
Potrero Canyon Trust Fund	100/54/00G998	\$2,380,708.00*
Reversal of BOE Labor Reimbursement		\$469,000.00**

- \* Pending transfer of funds from the Potrero Canyon Loan to the Potrero Canyon Trust fund through the 1<sup>st</sup> Construction Progress Report of FY 22/23
- \*\* Pending funds transfer from CTIEP Funds through the 4<sup>th</sup> Construction Progress Report. BOE labor costs will be reimbursed if sufficient funds remain at the end of construction.

ENVIRONMENTAL IMPACT STATEMENT

The Project was previously evaluated for environmental impacts in accordance with the California Environmental Quality Act (CEQA). A final Environmental Impact Report (EIR) (State Clearinghouse No. 84091901) for the Project was previously adopted by the Board on June 28, 1985. An Addendum to the previously certified EIR was prepared on November 19, 2020, by the BOE pursuant to Section 15164 of the CEQA Guidelines. The Addendum determined that there have been no changes to the Project, nor to the circumstances under which the Project is being undertaken, nor has new information arisen that would result in new significant environmental effects or would increase the severity of previously identified significant effects.

TREE AND SHADE

This Project will remove various mature trees in areas of the canyon that were not graded during the previous Grading project. During the clearing and grubbing phase, a BOE landscape architect will visit these areas to determine which trees may remain based on the restrictions imposed by the Los Angeles Fire Department and the California Coastal Commission. Trees within the canyon must be native and drought tolerant, and approved to be within the fuel modification zones of the park.

The proposed landscaping palette has been discussed at the various community meetings and will consist of native, drought tolerant landscaping, and trees and shrubs that are indigenous to the various microclimates located along Potrero Canyon.

## BOARD REPORT

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A total of five hundred and thirty (530) trees will be planted as a part of the Project, which will include one hundred and fourteen (114) *Juglans Californica* (California Walnut), forty-seven (47) *Populus Fremontii*. *Fremontii* (Western Cottonwood), fifty-four (54) *Salix Gooddingii* (Black Willow), fifty-nine (59) *Salix Laevigata* (Red Willow), forty-six (46) *Plantanus Racemosa* (Western Sycamore), one hundred and seventy-six (176) *Quercus Agrifolia* (Coast Live Oak), twenty-two (22) *Heteromeles Arbutifolia* (Toyon), and twelve (12) *Pinus Torreyana* (Torrey Pines). The new trees will be dispersed among four ecologic zones, at park area and the parking lot of the Palisades Recreation Center.

At the time of construction completion, the new trees would provide approximately 2,098 square feet of canopy coverage. At five (5) years after construction completion, it is anticipated that those trees will provide approximately 114,260 square feet of canopy coverage.

### FISCAL IMPACT STATEMENT

The Project will be funded by the aforementioned funding sources. There is no immediate fiscal impact to RAP's General Fund. The Department's future maintenance and operations costs will be requested through the City's budget process.

### STRATEGIC PLAN INITIATIVES AND GOALS

Approval of this Board report advances RAP's Strategic Plan by supporting:

**Goal No. 1:** Provide Safe Accessible parks.  
**Outcome No. 1:** Every Angeleno has walkable access to a park in their neighborhood  
**Key Metric:** Percentage of Angelenos with park access within a ½ mile of their home  
**Target:** 60% by 2022

This Board report was prepared by Kristen Ly, Civil Engineering Associate III, BOE Geotechnical Engineering Division, and reviewed by Ohaji Abdallah, Interim Prop K Program Manager, Architectural Division, BOE; Steven Fierce, Division Manager, Architectural Division, BOE; Jose Fuentes, Deputy City Engineer, BOE; Sean Phan, Planning, Maintenance, and Construction Branch; and Darryl Ford, Superintendent, Planning, Maintenance, and Construction Branch.

### LIST OF ATTACHMENTS

Attachment No. 1 – Change Order Log, dated May 31, 2022

Attachment No. 2 – Photos of December 2021 Storm Damage

Mar-25-2022

**City of Los Angeles - Department of Public Works - Bureau of Engineering**  
**Potrero Canyon Park - Landscaping**  
**W.O. No. E1908635**  
**CHANGE ORDER LOG**

CO No.	COR No.	Subject	Payment Type	CO Cat.	COIN Date	COIN Est. (\$)	PCO ECO T&M Date	Not to Exceed (\$)	GC Proposal (\$)	GC Proposal Date	City Estimate (\$)
001	006-R0	Additional Backflow and Water Connections	LS	E	07/26/21	\$10,000.00	07/26/21		\$56,185.00	09/09/21	\$37,432.26
002	002-R0	Remove and Dispose of Unforeseen Retaining Wall @ Landslide Repair Area	TM	U	07/26/21	\$5,000.00	08/05/21	\$5,000.00	\$15,917.00	08/18/21	\$15,761.00
003	011-R2	Repair of 1 ½" Water Line Near Access Road Sta. 18+00	LS	U	08/16/21	\$5,000.00	08/23/21	\$2,500.00	\$11,353.00	01/28/22	\$5,558.00
004	028-R1	Change Perforated Pipe to Solid Pipe @ Landslide Area	TM	U	08/24/21	\$5,000.00	08/30/21	\$15,000.00	\$21,300.00	01/24/22	\$15,793.74
005	015-R0	Stock Fencing Materials	LS	S	09/01/21	\$10,000.00	09/17/21		\$3,991.00	11/16/21	\$3,601.00
006	007-R1	Terrace Drain Change per PC 7	LS	S	09/17/21	\$75,000.00	09/17/21		\$69,716.39	09/10/21	\$30,687.00
007	None Specified	(VOID) Relocation of Fencing at 441 Alma Real & 15211 Friends St	CAN	S							
008	009-R0	Exeloo Add Ons Options	LS	S	09/29/21	\$25,000.00	09/30/21		\$54,528.00	09/27/21	\$20,672.00
009	004-R0	Additional Tree Removals	LS	E	10/13/21	\$100,000.00	10/14/21		\$105,609.00	09/02/21	\$83,915.51
010	012-R0	Bench and Trash Bin Pad	LS	S	10/13/21	\$5,000.00	10/14/21		\$15,371.00	10/26/21	\$14,905.00
011	013-R0	Reimbursement for Furnished Plants (09/2021 - 10/2021)	LS	S	11/04/21	\$50,000.00	11/04/21		\$54,730.00	11/05/21	\$49,164.39
012	017-R0	Irrigation Crossings Over Terrace & Down Drains	LS	E	11/29/21	\$75,000.00	12/01/21		\$61,285.00	11/16/21	\$65,476.29
013	044-R0	Installation of PRV & Repair of 1-1/2 in. Water Line Near Access Road Sta. 18+00	TM	U	12/07/21	\$5,000.00	02/03/22	\$5,000.00	\$2,830.00	02/03/22	\$2,808.73
014	032-R0	Reimbursement for Furnished Plants (10/2021 - 11/2021)	LS	S	12/09/21	\$25,000.00	12/09/21		\$19,979.00	01/18/22	\$19,979.34
015	021-R1	Installation of PRV at POC 1 & POC 2	LS	U	12/13/21	\$25,000.00	12/14/21		\$12,516.00	12/27/21	\$10,980.13
016	018-R0	Friends Street Sidewalk	LS	S	12/13/21	\$50,000.00	12/14/21		\$48,269.00	11/24/21	\$40,257.00
017	040-R0	Base for Restroom Walkway	LS	E	12/20/21	\$5,000.00	12/20/21		\$7,378.00	01/28/22	\$7,875.00
018	None Specified	(VOID) Trenching and Backfill for RAP Waterline	CAN	U	12/23/21	\$5,000.00					
019	037-R0	Reimbursement for Furnished Plants - December 2021	LS	S	01/05/22	\$5,000.00	01/07/22		\$1,443.00	01/24/22	\$1,362.00
020	036-R0	Stockpile Access Road - Washout	TM	U	01/10/22	\$10,000.00	01/11/22	\$50,000.00	\$36,908.00	01/20/22	\$39,035.23

026	033-R0	(VOID) Buttress Fill at Basin 0 per PC No. 13	CAN	S					\$697,792.00	01/19/22	
027	None Specified	Recreation Center Repairs	TM	U	03/07/22	\$50,000.00	03/17/22	\$50,000.00			
028	041-R0	Access Road Repair - Overly Saturated Soil	LS	U	03/03/22	\$25,000.00	03/03/22		\$23,002.00	01/28/22	\$27,258.97
029	046-R0	Encroachment Removals at 401 Alma Real	LS	U	03/03/22	\$50,000.00	03/03/22		\$35,459.00	02/03/22	\$23,576.58
030	047-R0	South of Basin 9 Grading and Compaction Issues	LS	U	03/03/22	\$25,000.00	03/03/22		\$19,974.00	02/03/22	\$21,673.46
031	059-R0	Partnering Meeting #3 (02/23/22)	LS	U	03/10/22	\$10,000.00	03/11/22		\$5,000.00	03/04/22	
032	060-R0	AC Pavement Repair at Rec Center	LS	U	03/16/22	\$50,000.00	03/17/22		\$25,306.00	03/04/22	
033	061-R0 031-R1	Remobilization & Additional Relocations (Ferreira)	LS	U	03/10/22	\$50,000.00	03/11/22		\$2,748.00 \$5,275.00	03/04/22 01/21/22	
034	052-R0	Berm Repair - Basin 8/9	LS	U	03/14/22	\$200,000.00	03/14/22		\$0.00	02/16/22	
035	None Specified	Reimbursement for Furnished Plants & Plant Maintenance - Oak Trees and Jan-Feb Maintenance Fees	LS	S	03/14/22	\$10,000.00	03/14/22				
036	062-R0	Relocation of Project Spoils to Stockpile Area	LS	U	03/14/22	\$50,000.00	03/14/22		\$20,393.00	03/14/22	
037	053-R1	Basin Slope Repair - Basin 9 West Side Washout	LS	U	03/24/22	\$75,000.00	03/24/22		\$68,816.00	03/16/22	
038	020-R0	Post at Terrace Drains (West Side)		U					\$0.00	12/03/21	

<b>Original Contract</b> <b>Original Contingency</b> <b>Revised Contingency</b>	<b>\$8,892,394.00</b> <b>\$889,239.00</b> <b>--</b>	<b>Time Extension</b> <b>Approved Comp. CD's</b> <b>Approved Non Comp. CD's</b>	<b>9</b> <b>0</b> <b>9</b>	<b>CD's</b>	<b>Payment Type:</b> <b>LS: Lump Sum</b> <b>TM: Time &amp; Material</b> <b>CAN: Canceled</b>
<b>Executed COs &amp; UCOs</b> <b>CO Percentage</b> <b>Revised Contract</b> <b>Remaining Contingency</b>	<b>\$678,947.00</b> <b>7.64%</b> <b>\$9,571,341.00</b> <b>\$210,292.00</b>				<b>CO Status:</b> <b>EXEC: Executed</b> <b>NEG: Negotiated</b> <b>UNR: Unresolved</b> <b>CAN: Canceled</b>



Figure 1: George Wolfberg at Potrero Canyon Park aerial view



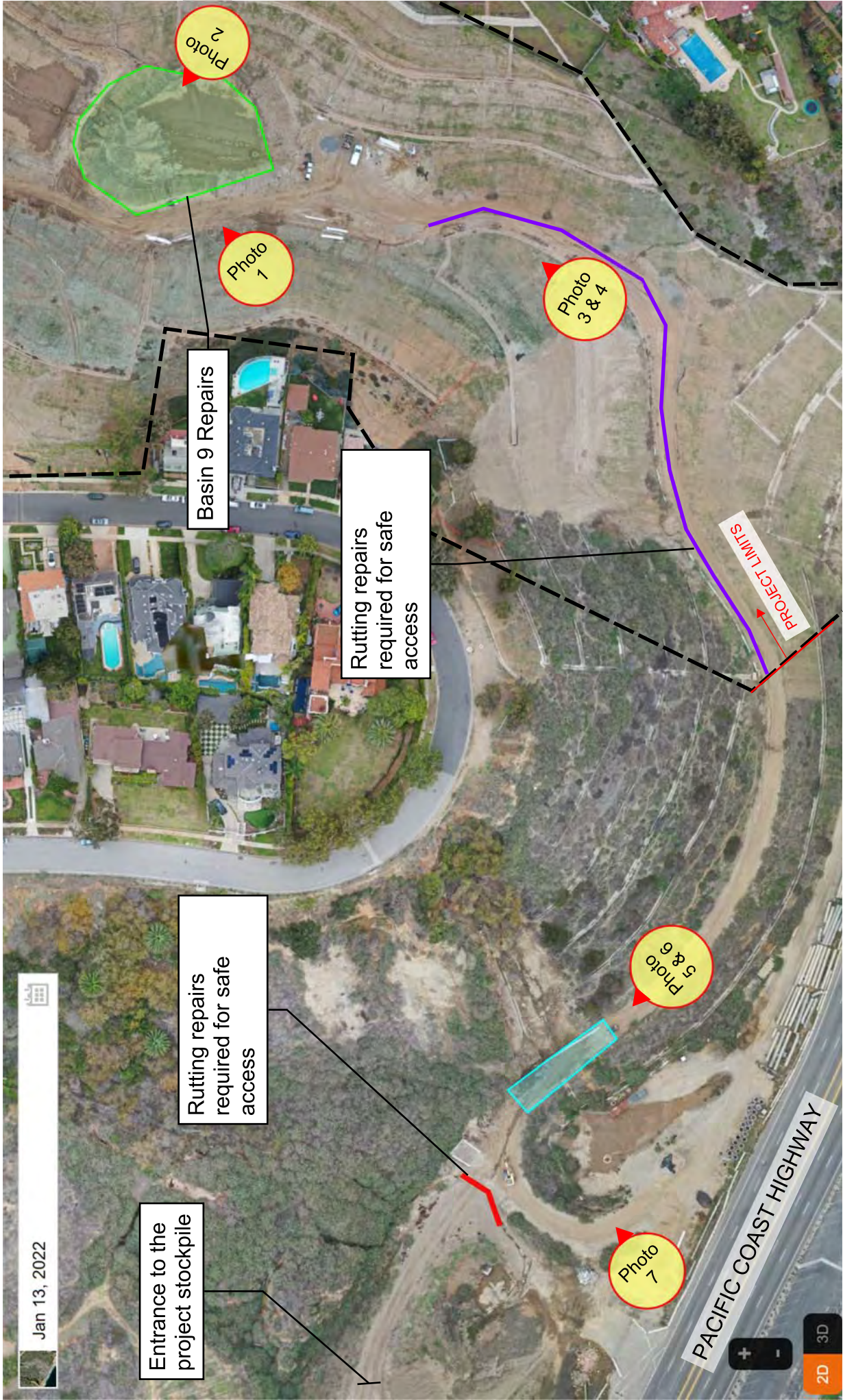


Figure 2: Main areas of significant damage sustained from the December 2021 storms located in the lower portion of the park.





Photo 1: Looking northeast at the Basin 9 berm after the December storms. Severe erosion caused collapse of the berm and washed mud into the basin.

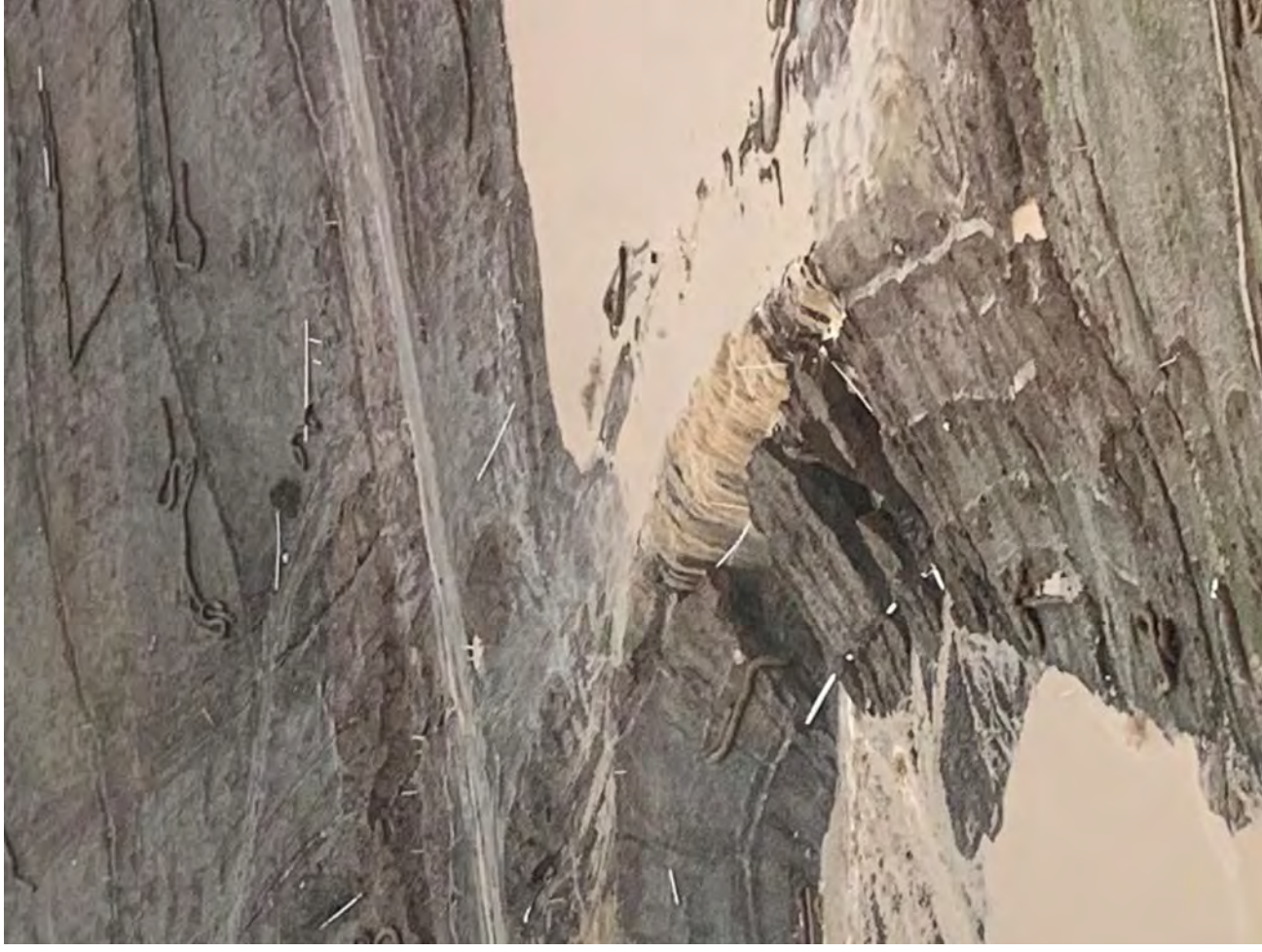


Photo 2: Looking west at the berm between Basin 8 and Basin 9, taken during the December storms. A period of intense rainfall resulted in a washout on the slope of the berm.





Photo 3 (above): Looking north into the canyon. Heavy rains resulted in severe erosion gullies that made the roadway unsafe for construction vehicles to enter the canyon.

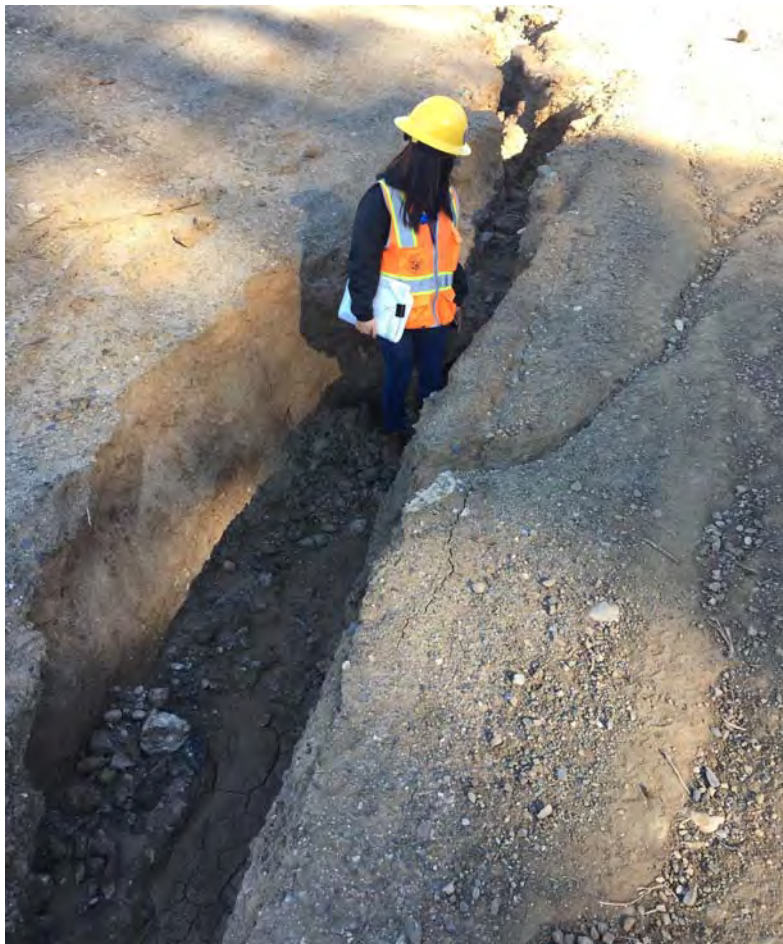


Photo 4 (left): Erosion gullies were 1-ft to 3-ft deep and were required to be filled in for vehicles to be able to drive through.





Photo 5: Looking northwest along the access road near PCH. A landslide deposited mud and debris, rendering the road impassable.



Photo 6: The Contractor excavated mud and debris, and placed geotextile on the roadway to allow safe passage from the project stockpile into the canyon and continue construction





Photo 7: Looking northeast from Pacific Coast Highway. A landslide deposited mud and debris onto the access road. Severe erosional rutting also prevented access to the project stockpile as shown on the left.



Jun-02-2023

City of Los Angeles - Department of Public Works - Bureau of Engineering

Potrero Canyon Park - Landscaping

W.O. No. E1908635

**CHANGE ORDER LOG**

CO No.	COR No.	Subject	Payment Type	CO Cat.	COIN Date	COIN Est. (\$)	PCO ECO T&M Date	Not to Exceed (\$)	GC Proposal (\$)	GC Proposal Date	E
001	006-R0	Additional Backflow and Water Connections	LS	E	07/26/21	\$10,000.00	07/26/21		\$56,185.00	09/09/21	\$
002	002-R0	Remove and Dispose of Unforeseen Retaining Wall @ Landslide Repair Area	TM	U	07/26/21	\$5,000.00	08/05/21	\$5,000.00	\$15,917.00	08/18/21	\$
003	011-R2	Repair of 1 1/2" Water Line Near Access Road Sta. 18+00	LS	U	08/16/21	\$5,000.00	08/23/21	\$2,500.00	\$11,353.00	01/28/22	\$
004	028-R1	Change Perforated Pipe to Solid Pipe @ Landslide Area	TM	U	08/24/21	\$5,000.00	08/30/21	\$15,000.00	\$21,300.00	01/24/22	\$
005	015-R0	Stock Fencing Materials	LS	S	09/01/21	\$10,000.00	09/17/21		\$3,991.00	11/16/21	\$
006	007-R1	Terrace Drain Change per PC 7	LS	S	09/17/21	\$75,000.00	09/17/21		\$69,716.39	09/10/21	\$
007	None Specified	(VOID) Relocation of Fencing at 441 Alma Real & 15211 Friends St	CAN	S							
008	009-R0	Exeloo Add Ons Options	LS	S	09/29/21	\$25,000.00	09/30/21		\$54,528.00	09/27/21	\$
009	004-R0	Additional Tree Removals	LS	E	10/13/21	\$100,000.00	10/14/21		\$105,609.00	09/02/21	\$
010	012-R0	Bench and Trash Bin Pad	LS	S	10/13/21	\$5,000.00	10/14/21		\$15,371.00	10/26/21	\$
011	013-R0	Reimbursement for Furnished Plants (09/2021 - 10/2021)	LS	S	11/04/21	\$50,000.00	11/04/21		\$54,730.00	11/05/21	\$
012	017-R0	Irrigation Crossings Over Terrace & Down Drains	LS	E	11/29/21	\$75,000.00	12/01/21		\$61,285.00	11/16/21	\$
013	044-R0	Installation of PRV & Repair of 1-1/2 in. Water Line Near Access Road Sta. 18+00	TM	U	12/07/21	\$5,000.00	02/03/22	\$5,000.00	\$2,830.00	02/03/22	\$
014	032-R0	Reimbursement for Furnished Plants (10/2021 - 11/2021)	LS	S	12/09/21	\$25,000.00	12/09/21		\$19,979.00	01/18/22	\$
015	021-R0	Installation of PRV at POC 1	LS	U	12/10/21	\$25,000.00	12/14/21		\$19,516.00	12/07/21	\$

020	036-R0	Washout	TM	U	01/10/22	\$10,000.00	/22	\$50,000.00	\$36,908.00	01/20/22	\$
021	050-R1	Rain Delays for December 2021 through January 2022	LS	U	01/10/22	\$0.00	02/02/22		\$0.00	02/14/22	\$
022	030-R0	Modification to Rebar @ Friends Street per RFI #72	LS	E	01/18/22	\$10,000.00	01/19/22		\$5,921.00	12/16/21	\$
023	043-R0	Partnering Meeting #2 - December 17, 2021 (Supplemental to AO 7-002)	LS	U	01/21/22	\$5,000.00	01/24/22		\$1,448.00	02/03/22	\$
024	035-R0	Rutting Repair Along Stockpile Access Road	LS	U	02/02/22	\$25,000.00	03/02/22		\$17,384.00	01/19/22	\$
025	063-R0 034-R0	Rutting Repair Along Park Access Road per RFI No 112-R1	LS	U	02/02/22	\$50,000.00	03/02/22		\$48,341.00 \$0.00	03/14/22 01/19/22	\$
026	033-R0	(VOID) Buttress Fill at Basin 0 per PC No. 13	CAN	S					\$697,792.00	01/19/22	\$
027	090-R1	Recreation Center Repairs	TM	U	03/07/22	\$50,000.00	03/17/22	\$50,000.00	\$35,076.00	08/25/22	\$
028	041-R0	Access Road Repair - Overly Saturated Soil	LS	U	03/03/22	\$25,000.00	03/03/22		\$23,002.00	01/28/22	\$
029	046-R0	Encroachment Removals at 401 Alma Real	LS	U	03/03/22	\$50,000.00	03/03/22		\$35,459.00	02/03/22	\$
030	047-R0	South of Basin 9 Grading and Compaction Issues	LS	U	03/03/22	\$25,000.00	03/03/22		\$19,974.00	02/03/22	\$
031	059-R0	Partnering Meeting #3 (02/23/22)	LS	U	03/10/22	\$10,000.00	03/11/22		\$5,000.00	03/04/22	\$
032	060-R0	AC Pavement Repair at Rec Center	LS	U	03/16/22	\$50,000.00	03/17/22		\$25,306.00	03/04/22	\$
033	061-R0 031-R1	Remobilization & Additional Relocations (Ferreira)	LS	U	03/10/22	\$50,000.00	03/11/22		\$2,748.00 \$5,275.00	03/04/22 01/21/22	\$
034	052-R0	Berm Repair - Basin 8/9	LS	U	03/14/22	\$200,000.00	03/14/22		\$0.00	02/16/22	\$15
035	068-R0	Reimbursement for Furnished Plants & Plant Maintenance - Oak Trees and Jan-Mar Maintenance Fees	LS	S	03/14/22	\$10,000.00	03/14/22		\$7,156.00	04/21/22	\$
036	062-R0	Relocation of Project Spoils to Stockpile Area	LS	U	03/14/22	\$50,000.00	03/14/22		\$20,393.00	03/14/22	\$
037	053-R1	Basin Slope Repair - Basin 9 West Side Washout	LS	U	03/24/22	\$75,000.00	03/24/22		\$68,816.00	03/16/22	\$
038	019-R0 020-R0	Post at Terrace Drains (West Side)	LS	U	03/29/22	\$50,000.00	03/29/22		\$3,549.00 \$0.00	11/24/21 12/03/21	\$
039	074-R0	Reimbursement for Furnished Plants & Plant Maintenance - April Maintenance and April Plant Delivery (Invoices 35171, 35172, 35379, & 35384)	LS	U	04/26/22	\$25,000.00	04/27/22		\$32,119.00	05/26/22	\$

045	054-R0	(VOID) POC for Domestic Water and Force Main	CAN	E	05/24/22	\$75,000.00				\$0.00	02/16/22	
046	092-R1	(VOID) Memorialization of Recreation Center Parking Changes	CAN	U						\$0.00	08/10/22	
047	057-R0	(VOID) Fence Repair at 667 Alma Real Dr	CAN	S						\$2,730.00	02/28/22	
048	069-R0	Solar Controller at Recreation Center Parking Lot	LS	S	06/13/22	\$5,000.00	06/21/22			\$1,402.00	05/06/22	\$
049	056-R0	6' Fence & Gate at Earlham	LS	U	06/21/22	\$10,000.00	06/21/22			\$5,809.00	02/28/22	\$
050	071-R0	Trenching Assistance for RAP at Rec Center	LS	E	06/21/22	\$5,000.00	06/21/22			\$3,008.00	05/06/22	\$
051	075-R0	Partnering Meeting #4 (05/04/22)	LS	U	06/21/22	\$10,000.00	06/21/22			\$5,000.00	05/26/22	\$
052	072-R0	Modification of Modem to Firewall per LASAN Direction	LS	S	06/21/22	\$25,000.00	06/21/22			\$23,622.00	05/06/22	\$
053	065-R0	Basin 9 Berm Toe Repair	LS	U	06/23/22	\$25,000.00	06/24/22			\$21,637.00	03/31/22	\$
054	058-R0	Basin 9 Irrigation Line Repair	LS	U	06/27/22	\$50,000.00	06/28/22			\$27,043.00	03/04/22	\$
055	085-R0	Reimbursement for Furnished Plants & Plant Maintenance - May & Jun Maintenance + Plant Deliveries (Delivery Invoices 35608, 35708, 35889, 36070, 36172, 36250, 36298, 36340, 36496 and 36171)	LS	U	06/28/22	\$50,000.00	06/28/22			\$63,688.74	07/29/22	\$
056	None Specified	(VOID) Reimbursement for Extended Retention of Industrial Hygienist	CAN	U								
057	093-R0	Partnering Meeting #5 (07/27/22)	LS	U	08/01/22	\$10,000.00	08/02/22			\$5,000.00	08/10/22	\$
058	098-R0	Friends St. Access Path Landing Extension and ADA Transitions	LS	E	08/02/22	\$50,000.00	08/02/22			\$34,638.00	08/24/22	\$
059	099-R0	Decomposed Granite Path Below Friends Street Access Path	LS	E	08/02/22	\$100,000.00	08/03/22			\$99,103.00	08/24/22	\$
060	100-R0	Decomposed Granite Path from Basin 7 to Basin 5	LS	E	08/02/22	\$100,000.00	08/03/22			\$99,307.00	08/24/22	\$
061	077-R0	Terrace Drain Extension per RFI 0142	LS	E	08/11/22	\$100,000.00	08/17/22			\$84,756.00	06/07/22	\$
062	081-R0	Pre-fab Restroom Storm Drain	LS	E	08/11/22	\$10,000.00	08/11/22			\$9,855.00	06/21/22	\$

069	106-R0	Time Extension - PC 13 Issuance & Cancellation	LS	U	09/29/22	\$100,000.00	09/30/22		\$86,100.00	10/14/22	\$
070	107-R0	Time Extension - Adverse Weather & Repairs at Basin 9 (TIA 2)	LS	U	09/28/22	\$100,000.00	09/30/22		\$84,050.00	10/14/22	\$
071	084-R0	RCP Extension at Pump Station Per PC 015	LS	E	09/30/22	\$75,000.00	10/04/22		\$117,210.00	06/28/22	\$
072	104-R0 025-R0	Hydroseeding - Application of Hydropost & Biosol	LS	E	09/29/22	\$50,000.00	09/30/22		\$40,000.00 \$256,747.00	09/27/22 12/13/21	\$
073	150-R0	Diversion Manhole Flattop Re-fabrication	LS	E	03/09/23	\$10,000.00	03/09/23		\$4,880.00	01/26/23	\$
074	133-R0	Amendment of Inspection Requirements for CDS Unit	LS	E	09/30/22	-\$1,000.00	09/30/22		\$0.00	12/23/22	
075	095-R0	Placing DG and Base at Rec-Center Parking Lot	LS	E	09/30/22	\$25,000.00	09/30/22		\$11,545.00	08/23/22	\$
076	096-R0	Encroachment Removal at 627 & 632 Swarthmore	LS	U	09/30/22	\$10,000.00	10/04/22		\$9,430.00	08/23/22	\$
077	097-R0	Encroachment Removal at 301 Alma Real	LS	U	10/05/22	\$25,000.00	10/05/22		\$15,253.00	08/23/22	\$
079	108-R0	Earlham Storm Drain (Supplemental CO to AO 2-005)	LS	S	10/05/22	\$100,000.00	10/05/22		\$77,368.00	10/17/22	\$
080	105-R0	Limited Access to Earlham SD - Traffic Control & Slurry Backfill Substitute	LS	S	03/09/23	\$50,000.00	03/09/23		\$54,206.00	10/03/22	\$
081	110-R0	PCH Down Drain	LS	U	03/09/23	\$50,000.00	03/09/23		\$29,530.00	10/17/22	\$
082	113-R0	Placing DG at Sitting Area South of Basin 9	LS	E	03/09/23	\$25,000.00	03/09/23		\$12,786.00	10/17/22	\$
083	142-R0 136-R0	Additional Plants for Demon Garden, Basin 9 Observation Area, and PCH Hillside	LS	S	03/08/23	\$10,000.00	03/09/23		\$3,486.00 \$2,706.00	01/05/23 12/27/22	\$
084	070-R0	Curb Painting & Additional Wheel Stops at Rec Center Parking Lot	LS	S	03/09/23	\$10,000.00	03/09/23		\$5,888.00	05/06/22	\$
085	109-R0 094-R0	Recreation Center Changes per PC 029R1	LS	S	03/09/23	\$75,000.00	03/09/23		\$2,820.00 \$51,045.00	10/17/22 08/10/22	\$
086	103-R0	Removal of Debris Dumped at Pacific Coast Highway	LS	U	03/09/23	\$10,000.00	03/09/23		\$13,236.00	09/21/22	\$
087	102-R0	Reduction in Post & Wire Fencing Scope and Deletion of DG Path	LS	S	12/05/22	-\$1,000.00	12/06/22		-\$2,579.00	09/21/22	-
088	126-R0	Deletion of Trellis at Restroom	LS	S	12/05/22	-\$1,000.00	12/06/22		-\$3,345.00	12/16/22	-
090	117-R0	Fencing Descope at 15215 Friends St., 15263 Friends St., and 15210 Earlham St.	LS	U	12/05/22	\$0.00	12/06/22		\$0.00	12/07/22	
091	138-R0 149-R0	Access Road Drainage	LS	U	03/09/23	\$25,000.00	03/09		\$10,409.00 \$0.00	12/28/22 01/26/23	





Revised Contract

\$11,622,381.00

Remaining Contingency

\$119,721.00

**City of Los Angeles – Department of Recreation and Parks – Bureau of Engineering  
SUPPLEMENTAL AGREEMENT CHANGE ORDER**

Project Title <b>Potrero Canyon Pak Landscaping</b>			Project No. <b>G1131</b>	Change Order No. <b>101</b>	File No. <b>8.6.12</b>	Page <b>1 of 1</b>
Work Order Number <b>E1908635</b>	Contract Number <b>3799</b>	Bid Item No.	Subject <b>Supplemental Agreement - Increase Total Change Order Amount to 32.04%</b>			
Contractor <b>FORD E.C.</b>			Plan Reference <b>N/A</b>			
<input checked="" type="checkbox"/> Changed/Unforeseen Conditions <input type="checkbox"/> Errors and Omissions <input type="checkbox"/> Change in Scope		Schedule Activity <b>N/A</b>	Specification Reference <b>GR 27</b>			

**1. Reason for Change:**

Due to the cumulative effect of all the change orders issued on this project, the issuance of future change orders will cause the total amount of change orders to exceed an arithmetic dollar value beyond twenty-five percent (25%) of the original Contract price. As noted in General Requirement 27, a Supplemental Agreement between the Contractor and the City is required to exceed the 25% threshold.

**2. Description of Change:**

The Contractor and the City agree to increase the threshold for the issuance of all change orders from twenty-five percent (25%) of the original Contract price to a new value of thirty-two and four-hundredths percent (32.04%) of the original Contract price. All other components of the Contract will remain unchanged as a result of this Supplemental Agreement Change Order.

**3. Change in Contract Amount:**

No Change in Contract Amount.

**4. Change in Contract Duration:**

No Change in Contract Time.

**Cost and Schedule Control Summary**

Original Contract Amount	<u>\$ 8,892,394</u>	Original Contract Duration	<u>427</u>	Calendar Days
Previous C.O.'s Add/(Deduct)	<u>\$ 2,220,818.00</u>	Previous C.O.'s Add/(Deduct)	<u>101</u>	Calendar Days
This C.O. Add/(Deduct)	<u>\$ 0.00</u>	This C.O. Add/(Deduct)	<u>0</u>	Calendar Days
Revised Contract Amount	<u>\$ 11,113,212</u>	Revised Contract Duration	<u>528</u>	Calendar Days
<input checked="" type="checkbox"/> B&A <input type="checkbox"/> Emergency Contract		Revised Contract Completion Date	<u>12/21/2022</u>	

APPROVED BY THE BOARD OF REC AND PARKS ON: \_\_\_\_\_

APPROVED AS TO FORM:

CITY ATTORNEY'S OFFICE: \_\_\_\_\_ NAME \_\_\_\_\_ DATE: \_\_\_\_\_

SUBMITTED BY:  DATE: 03/08/2023  
 CONSTRUCTION MANAGER  
 Digitally signed by Arash Daghighian  
 Date: 2024.07.01 15:21:29 -0700'

APPROVED BY: \_\_\_\_\_ DATE: 03/08/2023  
 CONTRACTOR

APPROVED BY:  DATE: 03/08/2023  
 PROJECT MANAGER

APPROVED BY:  DATE: 03/09/2023  
 SENIOR OR PRINCIPAL ENGINEER  
 Digitally signed by Justin Ramirez  
 Date: 2024.07.01 16:40:17 -0700'

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 GENERAL MANAGER - RECREATION AND PARKS



7/17/2024

**City of Los Angeles - Department of Public Works - Bureau of Engineering  
Potrero Canyon Park - Landscaping  
W.O. No. E1908635**

**CHANGE ORDER LOG**

You may click on the record #, date or amount hyperlinks to view the relevant record that's associated with the Change Order.

CO No.	COR No.	Subject	ent Type	CO Cat.	COIN Date	COIN Est. (\$)	PCO ECO T&M Date	Not to Exceed (\$)	GC Proposal (\$)	GC Proposal Date	City Estimate (\$)	Agreed Amount (\$)	Agreed Date	CO Status	CO Date	Time Ext. Cal. Days	Comments
1	006-R0	Additional Backflow and Water Connections	LS	E	07/26/21	\$10,000.00	07/26/21		\$56,185.00	09/09/21	\$37,432.26	\$51,345.00	12/07/21	EXEC	12/8/2021	0	PC 004
2	002-R0	Remove and Dispose of Unforeseen Retaining Wall @ Landslide Repair Area	TM	U	07/26/21	\$5,000.00	08/05/21	\$5,000.00	\$15,917.00	08/18/21	\$15,761.00	\$15,761.00	08/26/21	EXEC	9/2/2021	0	
3	011-R2	Repair of 1 1/2" Water Line Near Access Road Sta. 18+00	LS	U	08/16/21	\$5,000.00	08/23/21	\$2,500.00	\$11,353.00	01/28/22	\$5,558.00	\$5,558.00	02/10/22	EXEC	2/14/2022	0	RFI 0019
4	028-R1	Change Perforated Pipe to Solid Pipe @ Landslide Area	TM	U	08/24/21	\$5,000.00	08/30/21	\$15,000.00	\$21,300.00	01/24/22	\$15,793.74	\$19,618.00	02/19/22	EXEC	2/23/2022	0	RFI 0026
5	015-R0	Stock Fencing Materials	LS	S	09/01/21	\$10,000.00	09/17/21		\$3,991.00	11/16/21	\$3,601.00	\$3,991.00	01/21/22	EXEC	1/26/2022	0	
6	007-R1	Terrace Drain Change per PC 7	LS	S	09/17/21	\$75,000.00	09/17/21		\$69,716.39	09/10/21	\$30,687.00	\$56,612.00	10/14/21	EXEC	10/19/2021	0	
7	None Specified	(VOID) Relocation of Fencing at 441 Alma Real & 15211 Friends St	CAN	S										CAN			
8	009-R0	Exeloo Add Ons Options	LS	S	09/29/21	\$25,000.00	09/30/21		\$54,528.00	09/27/21	\$20,672.00	\$42,600.00	11/04/21	EXEC	11/10/2021	0	
9	004-R0	Additional Tree Removals	LS	E	10/13/21	\$100,000.00	10/14/21		\$105,609.00	09/02/21	\$83,915.51	\$83,900.00	10/28/21	EXEC	11/3/2021	0	
10	012-R0	Bench and Trash Bin Pad	LS	S	10/13/21	\$5,000.00	10/14/21		\$15,371.00	10/26/21	\$14,905.00	\$14,905.00	01/24/22	EXEC	1/27/2022	0	
11	013-R0	Reimbursement for Furnished Plants (09/2021 - 10/2021)	LS	S	11/04/21	\$50,000.00	11/04/21		\$54,730.00	11/05/21	\$49,164.39	\$49,164.00	11/16/21	EXEC	11/29/2021	0	
12	017-R0	Irrigation Crossings Over Terrace & Down Drains	LS	E	11/29/21	\$75,000.00	12/01/21		\$61,285.00	11/16/21	\$65,476.29	\$60,734.00	01/12/22	EXEC	1/13/2022	0	
13	044-R0	Installation of PRV & Repair of 1-1/2 in. Water Line Near Access Road Sta. 18+00	TM	U	12/07/21	\$5,000.00	02/03/22	\$5,000.00	\$2,830.00	02/03/22	\$2,808.73	\$2,809.00	03/16/22	EXEC	3/22/2022	0	
14	032-R0	Reimbursement for Furnished Plants (10/2021 - 11/2021)	LS	S	12/09/21	\$25,000.00	12/09/21		\$19,979.00	01/18/22	\$19,979.34	\$19,979.00	01/21/22	EXEC	1/26/2022	0	
15	021-R1	Installation of PRV at POC 1 & POC 2	LS	U	12/13/21	\$25,000.00	12/14/21		\$12,516.00	12/27/21	\$10,980.13	\$12,516.00	01/05/22	EXEC	1/6/2022	0	
16	018-R0	Friends Street Sidewalk	LS	S	12/13/21	\$50,000.00	12/14/21		\$48,269.00	11/24/21	\$40,257.00	\$50,041.00	01/26/22	EXEC	2/1/2022	0	
17	040-R0	Base for Restroom Walkway	LS	E	12/20/21	\$5,000.00	12/20/21		\$7,378.00	01/28/22	\$7,875.00	\$7,875.00	02/07/22	EXEC	2/14/2022	0	
18	None Specified	(VOID) Trenching and Backfill for RAP Waterline	CAN	U	12/23/21	\$5,000.00								CAN			
19	037-R0	Reimbursement for Furnished Plants - December 2021	LS	S	01/05/22	\$5,000.00	01/07/22		\$1,443.00	01/24/22	\$1,362.00	\$1,443.00	01/26/22	EXEC	2/1/2022	0	
20	036-R0	Stockpile Access Road - Washout	TM	U	01/10/22	\$10,000.00	01/11/22	\$50,000.00	\$36,908.00	01/20/22	\$39,035.23	\$39,035.00	03/14/22	EXEC	3/15/2022	0	
21	050-R1	Rain Delays for December 2021 through January 2022	LS	U	01/10/22	\$0.00	02/02/22		\$0.00	02/14/22	\$0.00	\$0.00	02/19/22	EXEC	2/23/2022	9	
22	030-R0	Modification to Rebar @ Friends Street per RFI #72	LS	E	01/18/22	\$10,000.00	01/19/22		\$5,921.00	12/16/21	\$5,638.00	\$5,638.00	01/31/22	EXEC	2/1/2022	0	
23	043-R0	Partnering Meeting #2 - December 17, 2021 (Supplemental to AO 7-002)	LS	U	01/21/22	\$5,000.00	01/24/22		\$1,448.00	02/03/22	\$1,448.00	\$1,448.00	02/19/22	EXEC	2/23/2022	0	
24	035-R0	Rutting Repair Along Stockpile Access Road	LS	U	02/02/22	\$25,000.00	03/02/22		\$17,384.00	01/19/22	\$37,814.77	\$16,201.00	03/08/22	EXEC	3/10/2022	0	
25	063-R0 034-R0	Rutting Repair Along Park Access Road per RFI No 112-R1	LS	U	02/02/22	\$50,000.00	03/02/22		\$48,341.00 \$0.00	03/14/22 01/19/22	\$42,654.00	\$46,964.00	03/14/22	EXEC	3/15/2022	0	
26	033-R0	(VOID) Buttress Fill at Basin 0 per PC No. 13	CAN	S					\$697,792.00	01/19/22				CAN			
27	090-R1	Recreation Center Repairs	TM	U	03/07/22	\$50,000.00	03/17/22	\$50,000.00	\$35,076.00	08/25/22	\$34,865.00	\$34,865.00	10/19/22	EXEC	10/28/2022	0	
28	041-R0	Access Road Repair - Overly Saturated Soil	LS	U	03/03/22	\$25,000.00	03/03/22		\$23,002.00	01/28/22	\$27,258.97	\$27,259.00	03/14/22	EXEC	3/15/2022	0	
29	046-R0	Encroachment Removals at 401 Alma Real South of Basin 9 Grading and Compaction	LS	U	03/03/22	\$50,000.00	03/03/22		\$35,459.00	02/03/22	\$23,576.58	\$23,577.00	03/14/22	EXEC	3/15/2022	0	
30	047-R0	Issues	LS	U	03/03/22	\$25,000.00	03/03/22		\$19,974.00	02/03/22	\$21,673.46	\$19,974.00	03/14/22	EXEC	3/15/2022	0	
31	059-R0	Partnering Meeting #3 (02/23/22)	LS	U	03/10/22	\$10,000.00	03/11/22		\$5,000.00	03/04/22	\$5,000.00	\$5,000.00	03/31/22	EXEC	4/7/2022	0	
32	060-R0	AC Pavement Repair at Rec Center	LS	U	03/16/22	\$50,000.00	03/17/22		\$25,306.00	03/04/22	\$13,504.00	\$17,235.00	07/12/22	EXEC	7/13/2022	0	

33	061-R0 031-R1	Remobilization & Additional Relocations (Ferreira)	LS	U	03/10/22	\$50,000.00	03/11/22		\$2,748.00	\$5,275.00	03/04/22 01/21/22	\$31,409.05	\$41,548.00	04/13/22	EXEC	4/20/2022	0
34	052-R0	Berm Repair - Basin 8/9	LS	U	03/14/22	\$200,000.00	03/14/22		\$0.00		02/16/22	\$193,874.00	\$194,968.00	07/12/22	EXEC	7/13/2022	0
35	068-R0	Reimbursement for Furnished Plants & Plant Maintenance - Oak Trees and Jan-Mar Maintenance Fees	LS	S	03/14/22	\$10,000.00	03/14/22		\$7,156.00		04/21/22	\$7,156.10	\$7,156.00	05/18/22	EXEC	5/27/2022	0
36	062-R0	Relocation of Project Spoils to Stockpile Area	LS	U	03/14/22	\$50,000.00	03/14/22		\$20,393.00		03/14/22	\$20,393.47	\$20,393.00	08/11/22	EXEC	8/12/2022	0
37	053-R1	Basin Slope Repair - Basin 9 West Side Washout	LS	U	03/24/22	\$75,000.00	03/24/22		\$68,816.00		03/16/22	\$57,338.00	\$62,118.00	07/12/22	EXEC	7/14/2022	0
38	019-R0 020-R0	Post at Terrace Drains (West Side)	LS	U	03/29/22	\$50,000.00	03/29/22		\$3,549.00	\$0.00	11/24/21 12/03/21	\$31,393.00	\$31,393.00	04/13/22	EXEC	4/20/2022	0
39	074-R0	Reimbursement for Furnished Plants & Plant Maintenance - April Maintenance and April Plant Delivery (Invoices 35171, 35172, 35379, & 35384)	LS	U	04/26/22	\$25,000.00	04/27/22		\$32,119.00		05/26/22	\$32,119.42	\$32,119.00	05/27/22	EXEC	6/2/2022	0
40	023-R0	Removal and Demolition of Encroachments per RFI 88	LS	U	05/09/22	\$10,000.00	05/12/22		\$58,888.00		12/08/21	\$9,408.40	\$9,408.00	08/11/22	EXEC	8/12/2022	0
41	051-R1 016-R0	Additional Make-Up Fencing	LS	U	05/10/22	\$50,000.00	05/11/22		\$29,464.00	\$2,118.00	05/06/22 11/16/21	\$29,464.00	\$29,464.00	06/22/22	EXEC	7/11/2022	0
42	026-R1 101-R0	(VOID) Resolution to Differing Site Conditions for Fencing Installation	CAN	U					\$28,363.00	\$3,135.00	12/13/21 09/01/22				CAN		
43	None Specified	(VOID) Removal of Debris Dumped by Pacific Coast Highway	CAN	U											CAN		
44	055-R0	Final Tree Removals	LS	E	05/23/22	\$100,000.00	05/23/22		\$121,450.00		02/21/22	\$78,659.29	\$81,127.00	05/24/22	EXEC	5/27/2022	0
45	054-R0	(VOID) POC for Domestic Water and Force Main	CAN	E	05/24/22	\$75,000.00			\$0.00		02/16/22				CAN		
46	092-R1	(VOID) Memorialization of Recreation Center Parking Changes	CAN	U					\$0.00		08/10/22				CAN		
47	057-R0	(VOID) Fence Repair at 667 Alma Real Dr	CAN	S					\$2,730.00		02/28/22				CAN		
48	069-R0	Solar Controller at Recreation Center Parking Lot	LS	S	06/13/22	\$5,000.00	06/21/22		\$1,402.00		05/06/22	\$1,148.95	\$1,149.00	08/03/22	EXEC	8/5/2022	0
49	056-R0	6&E™ Fence & Gate at Earlham	LS	U	06/21/22	\$10,000.00	06/21/22		\$5,809.00		02/28/22	\$5,641.03	\$5,809.00	08/11/22	EXEC	8/12/2022	0
50	071-R0	Trenching Assistance for RAP at Rec Center	LS	E	06/21/22	\$5,000.00	06/21/22		\$3,008.00		05/06/22	\$4,455.02	\$3,008.00	07/08/22	EXEC	7/11/2022	0
51	075-R0	Partnering Meeting #4 (05/04/22)	LS	U	06/21/22	\$10,000.00	06/21/22		\$5,000.00		05/26/22	\$5,000.00	\$5,000.00	06/23/22	EXEC	7/13/2022	0
52	072-R0	Modification of Modem to Firewall per LASAN Direction	LS	S	06/21/22	\$25,000.00	06/21/22		\$23,622.00		05/06/22	\$20,362.00	\$20,362.00	08/30/22	EXEC	9/7/2022	0
53	065-R0	Basin 9 Berm Toe Repair	LS	U	06/23/22	\$25,000.00	06/24/22		\$21,637.00		03/31/22	\$19,419.25	\$20,500.00	08/11/22	EXEC	8/12/2022	0
54	058-R0	Basin 9 Irrigation Line Repair	LS	U	06/27/22	\$50,000.00	06/28/22		\$27,043.00		03/04/22	\$22,697.95	\$25,996.00	07/12/22	EXEC	7/14/2022	0
55	085-R0	Reimbursement for Furnished Plants & Plant Maintenance - May & Jun Maintenance + Plant Deliveries (Delivery Invoices 35608, 35708, 35889, 36070, 36172, 36250, 36298, 36340, 36496 and 36171)	LS	U	06/28/22	\$50,000.00	06/28/22		\$63,688.74		07/29/22	\$63,688.74	\$63,689.00	08/02/22	EXEC	8/5/2022	0
56	None Specified	(VOID) Reimbursement for Extended Retention of Industrial Hygienist	CAN	U											CAN		
57	093-R0	Partnering Meeting #5 (07/27/22)	LS	U	08/01/22	\$10,000.00	08/02/22		\$5,000.00		08/10/22	\$5,000.00	\$5,000.00	08/16/22	EXEC	8/18/2022	0
58	098-R0	Friends St. Access Path Landing Extension and ADA Transitions	LS	E	08/02/22	\$50,000.00	08/02/22		\$34,638.00		08/24/22	\$26,832.31	\$26,832.00	08/31/22	EXEC	9/7/2022	0
59	099-R0	Decomposed Granite Path Below Friends Street Access Path	LS	E	08/02/22	\$100,000.00	08/03/22		\$99,103.00		08/24/22	\$99,102.79	\$99,103.00	08/31/22	EXEC	9/7/2022	0
60	100-R0	Decomposed Granite Path from Basin 7 to Basin 5	LS	E	08/02/22	\$100,000.00	08/03/22		\$99,307.00		08/24/22	\$99,306.71	\$99,307.00	08/31/22	EXEC	9/7/2022	0
61	077-R0	Terrace Drain Extension per RFI 0142	LS	E	08/11/22	\$100,000.00	08/17/22		\$84,756.00		06/07/22	\$79,392.00	\$79,392.00	08/18/22	EXEC	8/19/2022	0
62	081-R0	Pre-fab Restroom Storm Drain	LS	E	08/11/22	\$10,000.00	08/11/22		\$9,855.00		06/21/22	\$8,663.00	\$8,663.00	08/16/22	EXEC	8/18/2022	0
63	039-R1	Basin 0 Gate and Fence Modification	LS	E	08/22/22	\$10,000.00	08/23/22		\$0.00		06/08/22	\$3,347.00	\$3,347.00	09/07/22	EXEC	9/11/2022	0
64	042-R0	Transformer Pad Relocation per PC 0010	LS	U	08/19/22	\$25,000.00	08/23/22		\$30,634.00		01/31/22	\$11,392.00	\$20,000.00	10/17/22	EXEC	10/24/2022	0
65	066-R0	Removal of Encroachments at 15305 De Pauw	LS	U	08/19/22	\$25,000.00	08/23/22		\$24,635.00		04/05/22	\$23,281.00	\$23,281.00	09/15/22	EXEC	9/20/2022	0
66	078-R0	Temporary Power at for POC2 Controller	LS	U	08/22/22	\$25,000.00	08/23/22		\$10,971.00		06/07/22	\$15,610.00	\$15,570.00	09/11/22	EXEC	9/16/2022	0
67	079-R0 080-R0 088-R0	Pump Station Relocation Issues	LS	U	09/30/22	\$100,000.00	10/04/22		\$66,726.00	\$43,491.00	06/07/22 06/07/22 07/29/22	\$83,700.00	\$83,700.00	10/12/22	EXEC	10/18/2022	0
68	087-R0	Reimbursement for Basin 0 Furnished Trees	LS	S	09/07/22	\$10,000.00	09/07/22		\$9,061.00		07/29/22	\$9,061.00	\$9,061.00	10/12/22	EXEC	10/18/2022	0



69	106-R0	Time Extension - PC 13 Issuance & Cancellation	LS	U	09/29/22	\$100,000.00	09/30/22		\$86,100.00	10/14/22	\$86,100.00	\$86,100.00	10/19/22	EXEC	10/25/2022	42	
70	107-R0	Time Extension - Adverse Weather & Repairs at Basin 9 (TIA 2)	LS	U	09/28/22	\$100,000.00	09/30/22		\$84,050.00	10/14/22	\$84,050.00	\$84,050.00	10/19/22	EXEC	10/28/2022	50	
71	084-R0	RCP Extension at Pump Station Per PC 015	LS	E	09/30/22	\$75,000.00	10/04/22		\$117,210.00	06/28/22	\$59,701.00	\$59,700.00	10/12/22	EXEC	10/18/2022	0	
72	104-R0 025-R0	Hydroseeding - Application of Hydropost & Biosol	LS	E	09/29/22	\$50,000.00	09/30/22		\$40,000.00 \$256,747.00	09/27/22 12/13/21	\$40,000.00	\$40,000.00	10/12/22	EXEC	10/18/2022	0	
73	150-R0	Diversion Manhole Flattop Re-fabrication	LS	E	03/09/23	\$10,000.00	03/09/23		\$4,880.00	01/26/23	\$4,880.00	\$4,880.00	03/23/23	EXEC	3/29/2023	0	
74	133-R0	Amendment of Inspection Requirements for CDS Unit	LS	E	09/30/22	-\$1,000.00	09/30/22		\$0.00	12/23/22	\$0.00	\$0.00	01/17/23	EXEC	1/21/2023	0	
75	095-R0	Placing DG and Base at Rec-Center Parking Lot	LS	E	09/30/22	\$25,000.00	09/30/22		\$11,545.00	08/23/22	\$8,546.00	\$10,108.00	10/08/22	EXEC	10/18/2022	0	
76	096-R0	Encroachment Removal at 627 & 632 Swarthmore	LS	U	09/30/22	\$10,000.00	10/04/22		\$9,430.00	08/23/22	\$7,980.00	\$8,858.00	10/08/22	EXEC	10/18/2022	0	
77	097-R0	Encroachment Removal at 301 Alma Real	LS	U	10/05/22	\$25,000.00	10/05/22		\$15,253.00	08/23/22	\$6,553.00	\$8,769.00	10/17/22	EXEC	10/24/2022	0	
78	None Specified	(VOID) Fencing Corrections	CAN	U										CAN			
79	108-R0	Earlham Storm Drain (Supplemental CO to AO 2-005)	LS	S	10/05/22	\$100,000.00	10/05/22		\$77,368.00	10/17/22	\$77,368.00	\$77,368.00	10/19/22	EXEC	10/24/2022	0	
80	105-R0	Limited Access to Earlham SD - Traffic Control & Slurry Backfill Substitute	LS	S	03/09/23	\$50,000.00	03/09/23		\$54,206.00	10/03/22	\$33,250.00	\$42,349.00	03/23/23	EXEC	3/29/2023	0	
81	110-R0	PCH Down Drain	LS	U	03/09/23	\$50,000.00	03/09/23		\$29,530.00	10/17/22	\$25,230.00	\$27,750.00	03/28/23	EXEC	4/10/2023	0	
82	113-R0	Placing DG at Sitting Area South of Basin 9	LS	E	03/09/23	\$25,000.00	03/09/23		\$12,786.00	10/17/22	\$4,467.74	\$12,786.00	03/29/23	EXEC	4/10/2023	0	
83	142-R0 136-R0	Additional Plants for Demon Garden, Basin 9 Observation Area, and PCH Hillside	LS	S	03/08/23	\$10,000.00	03/09/23		\$3,486.00 \$2,706.00	01/05/23 12/27/22	\$6,192.00	\$6,192.00	04/06/23	EXEC	4/10/2023	0	
84	070-R0	Curb Painting & Additional Wheel Stops at Rec Center Parking Lot	LS	S	03/09/23	\$10,000.00	03/09/23		\$5,888.00	05/06/22	\$7,052.99	\$5,888.00	03/28/23	EXEC	3/29/2023	0	
85	109-R0 094-R0	Recreation Center Changes per PC 029R1	LS	S	03/09/23	\$75,000.00	03/09/23		\$2,820.00 \$51,045.00	10/17/22 08/10/22	\$54,180.56	\$53,865.00	03/28/23	EXEC	3/29/2023	0	
86	103-R0	Removal of Debris Dumped at Pacific Coast Highway	LS	U	03/09/23	\$10,000.00	03/09/23		\$13,236.00	09/21/22	\$11,290.91	\$11,291.00	03/28/23	EXEC	4/10/2023	0	
87	102-R0	Reduction in Post & Wire Fencing Scope and Deletion of DG Path	LS	S	12/05/22	-\$1,000.00	12/06/22		(\$2,579.00)	09/21/22	(\$4,108.61)	(\$2,888.00)	12/08/22	EXEC	12/8/2022	0	
88	126-R0	Deletion of Trellis at Restroom	LS	S	12/05/22	-\$1,000.00	12/06/22		(\$3,345.00)	12/16/22	(\$3,694.00)	(\$3,345.00)	12/21/22	EXEC	1/3/2023	0	
89	167-R0	Reduction in Irrigation Scope per PC 22	LS	S	12/20/23	-\$10,000.00	12/20/23		(\$3,989.00)	08/16/23	(\$35,672.32)	(\$20,000.00)	01/16/24	EXEC	1/18/2024	0	
90	117-R0	Fencing Descope at 15215 Friends St., 15263 Friends St., and 15210 Earlham St.	LS	U	12/05/22	\$0.00	12/06/22		\$0.00	12/07/22	\$0.00	\$0.00	12/08/22	EXEC	12/8/2022	0	
91	138-R0 149-R0	Access Road Drainage Additions per PC 028	LS	U	03/09/23	\$25,000.00	03/09/23		\$10,409.00 \$0.00	12/28/22 01/26/23	\$10,470.96	\$10,409.00	03/30/23	EXEC	4/10/2023	0	
92	154-R0	Reduction in Subdrain Scope	LS	S	12/09/22	-\$5,000.00	12/09/22		(\$8,315.00)	02/08/23	(\$10,314.00)	(\$10,314.00)	03/27/23	EXEC	3/29/2023	0	
93	118-R0	Tree Stump Credit	LS	S	12/09/22	-\$1,000.00	12/09/22		(\$1,260.00)	12/09/22	(\$1,475.00)	(\$1,250.00)	12/09/22	EXEC	12/13/2022	0	
94	112-R1	Main Entry Sidewalk Modification per PC 016	LS	E	03/09/23	\$75,000.00	03/09/23		\$96,567.00	11/08/22	\$67,895.55	\$78,708.00	03/30/23	EXEC	4/10/2023	0	
95	134-R0	Deduct Balance from Bid Item 5 - Allowance for Survey Services	LS	S	12/15/22	-\$1,000.00	12/15/22		(\$1,504.00)	12/27/22	(\$1,504.00)	(\$1,504.00)	01/17/23	EXEC	1/21/2023	0	
96	135-R0	Deduct Balance from Bid Item 4 - Allowance for Permits	LS	S	12/14/22	-\$5,000.00	12/15/22		(\$9,658.00)	12/27/22	(\$9,658.00)	(\$9,658.00)	01/17/23	EXEC	1/21/2023	0	
97	None Specified	(VOID) Deduct Balance from Bid Item 6 - Allowance for LADWP Requests	CAN	U										CAN			
98	None Specified	(VOID) Time Extension - Adverse Weather & Closeout	CAN	U										CAN			
99	165-R0	Basin 6 Erosion Protection	TM	U	03/02/23	\$50,000.00	04/06/23	\$5,000.00	\$2,591.00	06/15/23	\$2,608.00	\$2,591.00	11/08/23	EXEC	11/21/2023	0	
100	None Specified	(VOID) Supplemental Agreement - Increase Total Change Order Amount to 45%	CAN	S										CAN			
101	159-R0	Supplemental Agreement - Increase Total Change Order Amount to 32.04%	LS	U	02/28/23	\$0.00	02/28/23		\$0.00	03/08/23	\$0.00	\$0.00	03/08/23	EXEC	3/9/2023	0	
102	124-R0	Additional Drilling for Grounding Rods	LS	U	03/09/23	\$5,000.00	03/09/23		\$3,089.00	12/16/22	\$2,437.07	\$3,089.00	03/31/23	EXEC	4/10/2023	0	
103	123-R0	Mow Curb V-Notches at Basin 0	LS	U	03/09/23	\$10,000.00	03/09/23		\$6,618.00	12/12/22	\$6,697.90	\$6,618.00	04/06/23	EXEC	4/10/2023	0	
104	130-R0	PCH Down Drain Adjustments and Extension	LS	E	03/09/23	\$50,000.00	03/09/23		\$41,858.00	12/20/22	\$32,218.14	\$40,252.00	03/29/23	EXEC	4/10/2023	0	
105	171-R0	Partial Release of Retention	LS	U	09/13/23	\$0.00	09/14/23		\$0.00	09/22/23	\$0.00	\$0.00	09/29/23	EXEC	10/3/2023	0	

106	132-R0	Additional Efforts for Grounding Rod Installation	LS	U	04/10/23	\$25,000.00	04/10/23		\$22,216.00	12/21/22	\$18,448.50	\$20,500.00	04/26/23	EXEC	4/28/2023	0	
107	114-R0	Additional CIH Monitoring at Pump Station Excavation	LS	U	04/10/23	\$50,000.00	04/11/23		\$39,594.00	10/18/22	\$39,594.18	\$39,594.00	04/26/23	EXEC	4/28/2023	0	
108	131-R0	Additional Cross Gutters Along Access Road	LS	E	04/10/23	\$75,000.00	04/10/23		\$69,513.00	12/20/22	\$58,500.00	\$39,303.00	04/27/23	EXEC	4/28/2023	0	
109	119-R1	Additional Bollards Required by LADWP	LS	U	04/10/23	\$50,000.00	04/11/23		\$28,160.00	12/13/22	\$24,606.80	\$25,509.00	04/27/23	EXEC	4/28/2023	0	
110	116-R0	Changes to Restroom Area per RFI 135	LS	E	04/10/23	\$50,000.00	04/10/23		\$51,199.00	11/17/22	\$39,539.70	\$46,500.00	04/27/23	EXEC	4/28/2023	0	
111	160-R0	Additional Efforts for Basin 6 Repair Due to Landslide	LS	U	04/20/23	\$50,000.00	04/20/23		\$54,736.00	04/13/23	\$40,747.00	\$44,000.00	04/27/23	EXEC	4/28/2023	0	
112	157-R0	Basin 6 Slope Repair - January 2023 Storms	LS	U	09/13/23	\$75,000.00	09/14/23		\$75,288.00	02/16/23	\$66,599.00	\$70,686.00	01/16/24	EXEC	1/18/2024	0	
113	158-R0	Basin 6 Additional Drainage System	LS	E	05/26/23	\$75,000.00	05/26/23		\$73,650.00	02/16/23	\$70,676.00	\$70,676.00	06/02/23	EXEC	6/5/2023	0	
114	139-R0	Overtime & Weekend Work	LS	U	05/26/23	\$50,000.00	05/26/23		\$61,295.00	12/28/22	\$38,880.00	\$38,880.00	06/01/23	EXEC	6/5/2023	0	
115	148-R0	Additional Demo & Chipping Concrete Fence Posts at Entrance Gate	LS	E	05/26/23	\$5,000.00	05/26/23		\$3,458.00	01/25/23	\$3,786.00	\$3,458.00	06/02/23	EXEC	6/5/2023	0	
116	121-R0	Demo of Unforeseen Concrete at Diversion MH	LS	U	05/26/23	\$10,000.00	05/26/23		\$6,026.00	12/12/22	\$6,082.00	\$6,026.00	06/02/23	EXEC	6/5/2023	0	
117	156-R0	Raising Cleanouts Along Access Road	LS	E	12/18/23	\$50,000.00	12/20/23		\$47,260.00	02/16/23	\$36,696.00	\$36,696.00	01/16/24	EXEC	1/18/2024	0	
118	111-R0	Unforeseen Conditions at Curbside Catch Basin	LS	U	09/13/23	\$25,000.00	09/14/23		\$18,000.00	10/17/22	\$16,230.62	\$16,231.00	01/16/24	EXEC	1/18/2024	0	
119	120-R0	Unforeseen Bedrock Excavation from Trash Well to Diversion Structure	LS	U	09/13/23	\$50,000.00	09/14/23		\$31,766.00	12/12/22	\$26,591.67	\$29,179.00	01/17/24	EXEC	1/18/2024	0	
120	122-R0	Installation of Cone, Ring, and Cover at Earlham Manhole	LS	U	09/13/23	\$5,000.00	09/14/23		\$3,602.00	12/12/22	\$2,311.85	\$3,602.00	01/17/24	EXEC	1/18/2024	0	
121	129-R0	Backfill of Planters per BOE Landscape Architect Request	LS	U	09/13/23	\$5,000.00	09/14/23		\$4,677.00	12/16/22	\$4,721.17	\$4,667.00	01/17/24	EXEC	1/18/2024	0	
122	137-R0	Restroom Subpanel per LADBS Requirements	LS	U	09/13/23	\$25,000.00	09/14/23		\$16,622.00	12/28/22	\$16,124.22	\$16,500.00	01/17/24	EXEC	1/18/2024	0	
123	144-R0	Extension of Soil Cement Road & Concrete Access Road at Demonstration Garden	LS	U	09/13/23	\$25,000.00	09/14/23		\$23,379.00	01/24/23	\$20,335.76	\$20,336.00	01/17/24	EXEC	1/18/2024	0	
124	145-R0	Demo & Reconstruct (E) Curb in Conflict with Diversion MH	LS	U	09/13/23	\$25,000.00	12/04/23		\$16,140.00	01/24/23	\$19,829.63	\$16,140.00	01/17/24	EXEC	1/18/2024	0	
125	146-R0	Additional Grading, Soil Cement, Rock Swale, and PVC	LS	U	09/13/23	\$75,000.00	12/04/23		\$54,799.00	01/25/23	\$46,240.24	\$51,291.00	01/17/24	EXEC	1/18/2024	0	
126	147-R0	Adjustment of DG Path & Concrete at Basin 1 Observation Area	LS	U	09/13/23	\$25,000.00	12/04/23		\$19,215.00	01/25/23	\$19,487.52	\$19,215.00	01/17/24	EXEC	1/18/2024	0	
127	151-R1	Additional Grading at Pump Station	LS	U	09/13/23	\$50,000.00	12/04/23		\$47,939.00	01/30/23	\$37,693.05	\$44,677.00	01/17/24	EXEC	1/18/2024	0	
128	169-R0	Sewage Spill	LS	U	12/20/23	\$50,000.00	12/20/23		\$29,295.00	08/22/23	\$24,854.00	\$24,854.00	01/17/24	EXEC	1/18/2024	0	
129	172-R0	Resolution and Settlement to Dispute with Ferreira	LS	U	09/14/23	\$150,000.00	09/21/23		\$144,000.00	09/26/23	\$144,000.00	\$144,000.00	10/04/23	EXEC	10/5/2023	0	
130	008-R1 010-R0 049-R0 067-R0	Resolution & Settlement to Vegetation Clearance	LS	E	09/14/23	\$200,000.00	09/21/23		\$238,581.00	09/27/21 10/21/21 02/07/22	\$173,000.00	\$173,000.00	09/29/23	EXEC	10/3/2023	0	
131	127-R0 140-R0	Repair of Irrigation System	LS	U	09/20/23	\$100,000.00	09/21/23		\$87,508.00	12/16/22 01/04/23	\$33,346.00	\$85,660.00	10/27/23	EXEC	11/8/2023	0	
132	128-R0	Hand Watering	LS	U	09/27/23	\$25,000.00	09/29/23		\$10,041.00	12/16/22	\$10,041.00	\$10,041.00	11/07/23	EXEC	11/8/2023	0	
133	141-R0	Hydroseeding Touch-Up Reapplication	LS	U	09/27/23	\$25,000.00	09/29/23		\$32,291.00	01/04/23	\$16,145.50	\$16,146.00	11/07/23	EXEC	11/8/2023	0	
134	164-R0	Irrigation System Modification at Basin 0	LS	U	09/27/23	\$5,000.00	09/28/23		\$7,820.00	06/08/23	\$4,938.24	\$4,938.00	11/07/23	EXEC	11/8/2023	0	
135	173-R0	Debris Cleaning & Maintenance Access Adjustment at Pump Station	TM	U	10/30/23	\$25,000.00	11/26/23	\$25,000.00	\$15,151.00	01/04/24	\$15,151.00	\$15,151.00	01/17/24	EXEC	1/18/2024	0	
136	143-R0	Builders Risk Insurance Policy Extension	LS	U	12/18/23	\$25,000.00	12/20/23		\$19,200.00	01/05/23	\$18,300.00	\$18,300.00	01/17/24	EXEC	1/18/2024	0	
137	174-R0	Pump Station Specs & Plan Amendments	LS	U	12/20/23	\$0.00	12/20/23		\$0.00	01/19/24	\$0.00	\$0.00	01/24/24	EXEC	1/26/2024	0	
138	175-R0	Deferral of Commissioning Requirement for Testing per 01810	LS	U	12/19/23	\$0.00	12/20/23		\$0.00	01/19/24	\$0.00	\$0.00	01/24/24	EXEC	1/26/2024	0	
139	176-R0	Credit for Unused Allowance Items - Bid Items 3, 4, 5, and 6	LS	U	12/20/23	-\$10,000.00	12/20/23		(\$13,492.00)	01/19/24	(\$13,492.00)	(\$13,492.00)	01/24/24	EXEC	1/26/2024	0	
140	177-R0	Credit for Bid Item 8 - Allowance for PCH Resurfacing	LS	S	12/20/23	-\$150,000.00	12/20/23		(\$500,000.00)	01/19/24	(\$500,000.00)	(\$500,000.00)	01/24/24	EXEC	1/26/2024	0	
141	None Specified	(VOID) (Empty Record)	CAN	U										CAN			
142	152-R0	Demo & Disposal of Existing Asphalt Concrete at Pump Station	LS	U	01/18/24	\$100,000.00	01/18/24		\$98,320.00	01/30/23	\$83,576.78	\$78,635.00	01/24/24	EXEC	1/26/2024	0	
143	161-R0	Basin 9 Irrigation	LS	E	01/18/24	\$50,000.00	01/18/24		\$54,131.00	05/17/23	\$34,048.59	\$33,732.00	01/24/24	EXEC	1/26/2024	0	

144	162-R0	Sluice Gate & Trash Well Modifications	LS	E	01/18/24	\$25,000.00	01/18/24		\$19,830.00	05/17/23	\$19,830.00	\$19,830.00	01/24/24	EXEC	1/26/2024	0	
145	163-R0	Pump Power Source & Connections	LS	E	01/18/24	\$10,000.00	01/18/24		\$5,087.00	05/17/23	\$5,135.75	\$5,087.00	01/24/24	EXEC	1/26/2024	0	
146	166-R1	Reimbursement of LADWP Billings (Post-Opening)	LS	U	01/18/24	\$10,000.00	01/18/24		\$13,802.00	06/15/23	\$6,730.10	\$6,730.00	01/24/24	EXEC	1/26/2024	0	
147	168-R0	Pump Startup - Locating Basin Valves and Operational Tests	LS	U	01/18/24	\$25,000.00	01/18/24		\$13,833.00	08/22/23	\$12,794.00	\$12,794.00	01/24/24	EXEC	1/26/2024	0	
148	170-R0	Soil Cement Investigation	LS	U	01/18/24	\$5,000.00	01/18/24		\$1,579.00	08/22/23	\$1,579.00	\$1,579.00	01/24/24	EXEC	1/26/2024	0	
149	178-R0 179-R0 180-R0 181-R0 182-R0	Final Closeout Change Order - Time Extension, Soil Cement, Bond, and Delay of Payment		U	03/12/24	\$200,000.00	07/01/24		\$36,514.00 \$360,000.00 \$10,000.00	\$6,431.00 01/23/24 05/02/24 05/02/24 05/02/24 05/14/24		\$404,105.00	\$404,105.00	07/17/24	NEG		
150	183-R0	Supplemental Agreement - Increase Total Change Order Amount to 44.11%		U	07/02/24	\$0.00	07/02/24		\$0.00	07/02/24	\$0.00	\$0.00	07/17/24	NEG			

<b>Original Contract</b> \$8,392,394.00 <b>Original Contingency</b> \$889,239.00 <b>Revised Contingency</b> \$4,456,685.00  <b>Executed COs &amp; UCOs</b> \$3,797,823.00 <b>CO Percentage</b> 45.25% <b>Revised Contract</b> \$12,190,217.00 <b>Remaining Contingency</b> \$658,862.00	<b>Time Extension</b> 101 CD's <b>Approved Comp. CD's</b> 83 <b>Approved Non Comp. CD's</b> 18	<b>Payment Type:</b> LS: Lump Sum TM: Time & Material CAN: Canceled  <b>CO Status:</b> EXEC: Executed NEG: Negotiated UNR: Unresolved CAN: Canceled	<b>CO Category:</b> U: Unforeseen 79 \$2,099,670.00 E: Errors & Omissions 30 \$1,284,987.00 S: Change in Scope 24 \$413,166.00  <b>Executed COs</b> 133 \$3,797,823.00 <b>Executed UCOs</b> 0 \$0.00 <b>Forecasted COs</b> 2 \$404,105.00 <b>Canceled COs</b> 14 --
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Note 1: Per Recreation and Parks Board Report 23-163, Allowance No. 8 for Pacific Coast Highway Resurfacing in the amount of \$500,000 was removed from the base contract. Due to City Accounting processes, this removal had to be processed as Change Order No. 140 (highlighted above).