

SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



ITEM  
12.4  
(ID # 4123)

MEETING DATE:

Tuesday, May 2, 2017

FROM : DEPARTMENT OF WASTE RESOURCES:

SUBJECT: DEPARTMENT OF WASTE RESOURCES: Contract Change Order No. 1 and No. 2 for the Construction of the 2016 Site Maintenance and Improvements Project at the Badlands and Pedley Landfills, District 2 & 5 [\$429,967.76 – Department of Waste Resources Enterprise Funds], CEQA Exempt

RECOMMENDED MOTION: That the Board of Supervisors:

1. Find that the Project associated with Contract Change Order No. 1 (CCO No.1) is statutorily exempt from the California Environmental Quality Act (CEQA) pursuant to State CEQA Guidelines section 15269 (Emergency Projects) and categorically exempt pursuant to sections 15301 (Existing Facilities), 15302 (Replacement or Reconstruction), and 15330 (Prevent/Stabilize the Release/Threat of Hazardous Substances); and
2. Find that the work at the landfills was integral to the maintenance of the properties to protect the health and welfare of County residents, and that going out to bid on the work would not provide an economic advantage and the additional time needed could put the health and safety of the residents at further risk; and
3. Approve CCO No.1 in the amount of \$326,995, to the Contract with Road Builders, Inc. (Road Builders) for slope repair maintenance at the Pedley Landfill, and authorize the General Manager-Chief Engineer to execute it on behalf of the County; and

**ACTION: Change Order, Policy**

Hans Kemkamp, General Manager - Chief Engineer 4/20/2017

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**MINUTES OF THE BOARD OF SUPERVISORS**

On motion of Supervisor Tavaglione, seconded by Supervisor Ashley and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Tavaglione, Washington and Ashley  
Nays: None  
Absent: None  
Date: May 2, 2017  
xc: Waste

Kecia Harper-Ihem  
Clerk of the Board

By:   
Deputy

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,  
STATE OF CALIFORNIA**

**RECOMMENDED MOTION:** That the Board of Supervisors:

4. Find that nothing further is required pursuant to CEQA for Contract Change Order No. 2 (CCO No.2), whereas on December 13, 2016, the Board of Supervisors determined that the Project was exempt from CEQA pursuant to the State CEQA Guidelines Section 15061 (b)(3) (General Rule for Exemption), and categorically exempt from CEQA pursuant to Section 15301 Existing Facilities and Section 15304 Minor Alterations of Land; and
5. Approve CCO No.2 in the amount of \$102,972.76, to the Contract with Road Builders, Inc. (Road Builders) for drainage improvements at the Badlands Landfill, and authorize the General Manager-Chief Engineer to execute it on behalf of the County; and
6. Direct the Department of Waste Resources to file the Notice of Exemption with the County Clerk upon approval of the Project.

| <b>FINANCIAL DATA</b>                                 | <b>Current Fiscal Year:</b> | <b>Next Fiscal Year:</b> | <b>Total Cost:</b>        | <b>Ongoing Cost</b> |
|---|-----------------------------|--------------------------|---------------------------|---------------------|
| <b>COST</b>   | \$ 429,968.76               | \$0                      | \$ 429,967.76             | \$0                 |
| <b>NET COUNTY COST</b>                                | \$0                         | \$0                      | \$0                       | \$0                 |
| <b>SOURCE OF FUNDS: Department of Waste Resources</b> |                             |                          | <b>Budget Adjustment:</b> | No                  |
|   |                             |                          | <b>For Fiscal Year:</b>   | 16/17               |

**C.E.O. RECOMMENDATION:** Approve

**BACKGROUND:**

**Summary**

In January 2017, a portion of the closed Pedley Landfill suffered erosion damage. The affected area is located in the northeast corner of the landfill, adjacent to the Santa Ana River. The proposed slope repair will include excavation of exposed landfill material and slope armoring with a revetment system comprised of articulated concrete blocks (ACB). The Project will repair the erosion, as well as provide slope stabilization to provide protection to the Santa Ana River, and surrounding environment during future rain events.

The County faces significant regulatory fines from the Santa Ana Regional Water Quality Control Board (SAR) if the Pedley Landfill is not repaired before the next substantial rain event. Staff has been advised by Counsel that similar compliance issues in the County with the SAR have resulted in very significant fines on top of actual repair costs.

The County, as operator, ran the Pedley Landfill from 1932 to 1958 and is co-permittee with the landowner, the California Department of Fish and Wildlife (CDFW). A series of storms over the last several years has caused the Santa Ana River and De Anza Channel to change course and slowly erode slopes at the landfill.

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,  
STATE OF CALIFORNIA**

It is staff's belief that the only reason fines have not yet been issued is due to the Department's good-faith efforts to date and long standing positive working relationship with the SAR's land disposal division. Regardless, releases during future rain events could result in fines that exceed construction costs.

Also in December 2016 and January 2017, large storm events caused damage and highlighted maintenance concerns to areas at the Badlands Landfill. The proposed drainage improvements addressed under CCO No. 2 will be completed under the existing site maintenance improvement contract, which specifically addresses improvements and repairs to drainage facilities, furthering the Department's efforts to reduce the introduction of pollutants which affect the quality of storm water discharges associated with landfill operations at the Department landfill sites. As part of the National Pollutant Discharge and Elimination System (NPDES) statewide general permit to regulate industrial storm water discharges, the Department is responsible for the installation and maintenance of Best Management Practices (BMPs), including drainage structures that collect and channel runoff from the landfill.

Based on the performance of existing BMPs at the Badlands Landfill, the Department believes more permanent structures would proactively improve drainage and erosion control. The installation of asphalt drainage structures, and erosion control measures such as a stabilized construction exit are part of CCO No. 2.

The extent of the work could not be foreseen when the contract was bid due to the unusually large storm events over the last several months. This work is needed to protect the health and safety of County residents, and putting the work out to bid would not provide any economic advantage but could extend the exposure of the public to health and safety concerns.

**Impact on Residents and Businesses**

The slope repair at Pedley Landfill will protect the health and safety of the public from contamination of the Santa Ana River, as well as the surrounding community. Without the slope repair improvements, unpredictable rain events would result in impacts on the environment and represent a risk to the health and safety of the public. The additional drainage improvements recommended at the Badlands Landfill would also further protect the health and safety of the public.

**Contract History and Price Reasonableness**

On January 31, 2017, the Board of Supervisors approved a contract award to Road Builders for the 2016 Site Maintenance and Improvements Project at Badlands Landfill. The Pedley Landfill slope repair cost for CCO No. 1 is estimated to be \$326,995.00, while the additional drainage improvements at Badlands Landfill for CCO No. 2 is estimated to be \$102,972.76. The revised total cost of the contract, including CCO No. 1 and CCO No. 2 would, therefore, be \$1,019,489.47. The original contract amount was for \$589,521.71. Budget for this additional service will be provided from Fund 40200, Department ID – 4500100000.

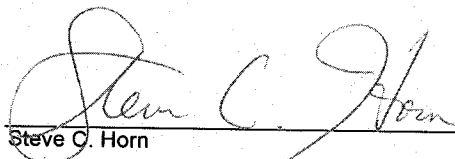
**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,  
STATE OF CALIFORNIA**

**California Environmental Quality Act (CEQA) Findings**

The "Project" involves the approvals and subsequent site repairs/improvements identified under CCO No.1 (Pedley Landfill) and CCO No. 2 (Badlands Landfill). Both CCOs apply to the same existing/approved Site Maintenance and Improvements contract. The emergency repairs addressed under CCO No.1 for the Pedley Landfill are statutorily exempt from CEQA pursuant to State CEQA Guidelines section 15269 Emergency Project, and categorically exempt pursuant to 15301 Existing Facilities, 15302 Replacement or Reconstruction, and 15330 Minor Actions to Prevent, Minimize, Stabilize, Mitigate or Eliminate the Release or Threat of Release of Hazardous Waste or Hazardous Substances. The emergency repairs and subsequent funding are necessary to protect public health and welfare by repairing the damaged landfill slopes, thereby preventing hazardous waste from entering the Santa Ana River. The Project has already received coverage under emergency permitting provisions administered by the U.S. Army Corps of Engineers, Regional Water Quality Control Board, and CDFW. In addition, the Project will be conducted at the closed Pedley Landfill, an existing facility, and serve substantially the same purpose and capacity as the previous bank/slope (pre-emergency site condition). The Project will not cause any impacts to scenic resources, historic resources, or unique sensitive environments, and instead will improve the environment once completed. As such, a Notice of Exemption (NOE) to this effect shall be filed upon Project approval.

The repairs and improvements at the Badlands Landfill as contemplated under CCO No. 2 will be constructed as part of the previously Board approved 2016 Site Maintenance and Improvements project, for which on December 13, 2016, a Notice of Exemption (NOE) was filed identifying that the repairs and improvements at the Badlands landfill were exempt from CEQA pursuant to the State CEQA Guidelines Section 15061(b)(3) (General Rule for Exemption), and categorically exempt from CEQA pursuant to Section 15301 Existing Facilities and Section 15304 Minor Alterations of Land. The site drainage improvement activities identified in CCO No. 2 will continue to occur within permitted landfill disturbance areas, and involve no expansion of approved uses. Since the proposed motion in this Form-11 relating to CCO No.2 simply involves approving a change order to the existing Site Maintenance and Improvements contract for work already assessed under the NOE, for CCO No. 2, nothing further is required under CEQA.

**ATTACHMENTS:    A. Contract Change Order #1 and #2  
                          B. CEQA Notice of Exemption**

  
Steve C. Horn

4/24/2017

  
Gregory H. Priaplos, Director County Counsel

4/20/2017

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 1 of 21

CONTRACT CHANGE ORDER NO. 1

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

The County has added extra work at the Pedley Landfill to the Contract that consists of the following:

- Preparation and Implementation of a Site-Specific NPDES SWPPP
• Mobilization and Demobilization of Construction Equipment and Materials
• Well Abandonment
• Excavation, hauling and burial of approximately 350 cubic yards (cy) of landfill refuse material.
• Placement of approximately 500 cy of Engineered Fill.
• Installation of approximately 4,100 square feet (sf) of new Articulated Concrete Block (ACB) Revetment System.
• Placement of earthen backfill over approximately 6,450 sf of ACB.
• Hydroseeding of approximately 6,450 sf of backfilled slope.
• Installation of approximately 1,420 sf of Asphalt Drainage.
• Installation of approximately 2,750 sf of 1/2 Ton Rock.
• Time and Materials

Estimated Cost: Decrease - \$ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: [Signature] Date: 3-14-17
Approved by: [Signature] Date: 3/15/17
General Manager-Chief Engineer
Department of Waste Resources
Chairman, Board of Supervisors

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted By: [Signature] Date: 3-14-17 Contractor: ROAD BUILDERS, INC Title: PRESIDENT

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

FORM APPROVED COUNTY COUNSEL [Signature] DATE
BY: NEAL R. KIPNIS

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 2 of 21

CONTRACT CHANGE ORDER NO. 1

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

The Scope of Work related to the extra work items shall be as follows:

- Preparation and Implementation of a Site-Specific NPDES SWPPP
  - NPDES SWPPP shall be prepared and implemented in accordance with Section 3 of the Contract Special Provisions.
  - Payment for Bid Item #1 – “Preparation and Implementation of a Site-Specific NPDES SWPPP” shall be per the Lump Sum price listed as part of this Change Order.
- Mobilization and Demobilization of Construction Equipment and Materials
  - Mobilization and Demobilization shall be in accordance with Section 4 of the Contract Special Provisions.
  - Payment for Bid Item #2 – “Mobilization and Demobilization” shall be per the Lump Sum price listed as part of this Change Order.
- Well Abandonment
  - Abandon the existing groundwater monitoring well PMW-4 at the Closed Pedley Sanitary Landfill.
  - The well shall be abandoned in accordance with the Department of Water Resources, Bulletin 74-81, Water Well Standards: State of California and Bulletin 74-90 (Supplement to Bulletin 74-81), California Well Standards and Riverside

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 3 of 21

CONTRACT CHANGE ORDER NO. 1

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NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

County Ordinance No. 682.3.

- o The well location is shown on the Project Drawings.
- o Well PMW-4 was constructed to a depth of 24.5 feet below ground surface with a 4-inch diameter PVC casing. The borehole diameter was 10 inches. Refer to Appendix A for a copy of the boring log and well construction details for PMW-4.
- o Submittals
  - The Department is responsible for obtaining all necessary state and local permits required including permits issued by the Riverside County Department of Environmental Health. The Contractor shall sign and be subject to any permit conditions necessary for the work.
  - The driller shall have a C-57 Contractors License and be registered with the Riverside County Department of Environmental Health.
- o Materials
  - Sealing Grout – Sealing grout shall be composed of Type 1 Portland Cement, 3-5 percent bentonite by dry weight and mixed with potable water.
  - The Contractor shall provide potable water for grout and cement. There is no potable water available at the site.

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 4 of 21

CONTRACT CHANGE ORDER NO. 1

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NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- o Execution
  - All downhole equipment must be decontaminated (utilizing a steam cleaner) prior to use. If the downhole equipment is not decontaminated then the driller will not be allowed to start the project until all downhole equipment is decontaminated.
  - The full depth of PMW-4 shall be over-drilled (24.5 feet below ground surface) and backfilled with sealing grout to an elevation matching the surrounding ground surface.
  - The full depth of PMW-4 shall be pressure grouted with a tremmie. The pressure grouting shall start from the bottom of the well and proceed up to the ground surface.
  - The well monument, surrounding steel bollards filled with concrete, concrete pad, any drilling cuttings from the over-drilling work and rinse water will be disposed offsite by the Contractor.
  - The Contractor shall provide the Department with a copy of the completed California Department of Water Resources (DWR) Well Completion Report within two weeks after the well abandonment is completed.

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.



RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 5 of 21

CONTRACT CHANGE ORDER NO. 1

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NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- Payment for Bid Item #3 – “Well Abandonment” shall be per the Lump Sum price listed as part of this Change Order.
- Earthwork (Landfill excavation and burial)
  - Earthwork (Landfill excavation and burial) shall be in accordance with Sections 6.1 and 6.3.4 of the Contract Special Provisions.
  - Contractor shall haul excavated refuse and soil co-mingled with refuse to the landfill Top Deck and bury with a minimum two-foot (2’) of clean earthen cover material as directed by the County.
  - The County has obtained an extension to a South Coast Air Quality Management District (SCAQMD) Rule 1150 Permit for refuse excavation at Pedley Landfill. The Contractor must place refuse within the limits of the landfill footprint as shown on the Project Drawings; and the Contractor shall also comply with all requirements of the SCAQMD permit conditions (i.e., daily cover, transportation, dust suppression, etc.) at any time refuse is encountered. A sample SCAQMD permit and associated conditions are included as an attachment to this Change Order. The County will provide required personnel to monitor the activities in accordance with the SCAQMD 1150 permit.

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 6 of 21

CONTRACT CHANGE ORDER NO. 1

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NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- o The measurement of the final quantity for Bid Item #4 - "Earthwork (Landfill Excavation and Burial)" shall be determined in the refuse excavation area by comparing the County-surveyed initial encountered refuse surface and the County-surveyed refuse excavation final surface within the approximate limits as shown on the Project Drawings. Establishing these surfaces and measuring the final quantity shall be performed by the County pursuant to the aforementioned method of calculation. Payment for refuse excavation and disposal shall be at the contract unit price per cubic yard as stated in this Change Order and shall constitute full compensation to the Contractor for all work related to refuse excavation and disposal (within the designated areas) including but not limited to: furnishing all labor, supervision, materials, tools, and equipment; performing pioneering, clearing, grubbing; grading, re-grading, excavating, over-excavating, shaping, preparing, compacting, hauling, loading, compliance with all regulatory permits and conditions (including the SCAQMD 1150 permit), construction of temporary haul roads for refuse excavation and disposal in accordance with the Contract Documents.
- Earthwork (Engineered Fill)
  - o Earthwork (Engineered Fill) shall be in accordance with Sections 6.1, 6.2.1, 6.3.1, 6.3.2 and 6.3.3 of the Contract Special Provisions.

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

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By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

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Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
 General Manager-Chief Engineer  
 Department of Waste Resources

\_\_\_\_\_  
 Chairman, Board of Supervisors

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_ Contractor: \_\_\_\_\_  
 By: \_\_\_\_\_ Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 7 of 21

CONTRACT CHANGE ORDER NO. 1

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NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- Source material for engineered fill shall come from suitable soil excavated during refuse cover removal, slope grading or from cover soil on the Top Deck.
- The subgrade surface of the Slopes in the locations of ACB placement shall have a smooth finished surface and shall be prepared according to ASTM D6102.
- Engineered Fill placed over refuse as cover must have a minimum 2' of cover.
- The Contractor is responsible for obtaining and complying with any required hauling permits on all City, County, and State roads and Highways.
- The Contractor is responsible for controlling traffic entering and exiting the project site and controlling bicyclist and pedestrian traffic on the Santa Ana River Trail when project related construction affects trail. The Contractor shall be responsible for the installation, operation, and maintenance of traffic control devices and measures.
- The Contractor, at its own expense, shall be responsible for repairing any damage along the haul route which was caused by equipment. Prior to the commencement and upon completion of the work, the County will meet with the Contractor to photo document the Santa Ana River Trail in order to document any damage caused by the hauling trucks. All repair work shall be performed to the satisfaction of the City, County, and any other interested governing authority.

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_

Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 8 of 21

CONTRACT CHANGE ORDER NO. 1

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- o The measurement of the final quantity for Bid Item #5 - "Earthwork (Placement of Engineered Fill)" shall be based on the total quantity of engineered fill placed only within the Project limits, as shown on the Project Drawings. Construction Activities qualifying for payment under Engineered Fill include, but are not limited to the slope repair and cover of refuse. The total quantity of engineered fill placed to construct the finished grade surface shall be determined by comparing the pre-construction ground surface and the finished grade surface. The pre-construction ground surface shall be established by a combination of conventional ground survey and aerial flight survey, and the post-construction ground surface for this work shall be established by ground surveying at completion of the finished grade surface.
- o Payment for the placement of engineered fill shall be made based on the unit price per in-place cubic yard for engineered fill, as stated in the Change Order and shall constitute full compensation to the Contractor for all work related to the placement of engineered fill within the Project Limits including but not limited to: clearing, grubbing, hauling of source material used for engineered fill and compaction. Payment shall also constitute full compensation for furnishing all labor, supervision, materials, tools, and equipment necessary to place engineered fill in accordance with the Contract Documents. No additional compensation

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_ Contractor: \_\_\_\_\_

By: \_\_\_\_\_ Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 9 of 21

CONTRACT CHANGE ORDER NO. 1

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

shall be given for engineered fill placed outside the specified limits and dimensions unless otherwise ordered in writing by the County.

- ACB Material and Installation
  - The work shall include but not be limited to subgrade preparation, flank, anchor trench construction, geotextile installation, and installation of the ACB at the locations shown on the Project Drawings. The surface of the ACB revetment subgrade shall be smooth and free of loose or extraneous material, to the satisfaction of the County.
  - Rock slope protection fabric shall be nonwoven and shall be treated with ultraviolet ray (UV) protection. The UV treated fabric shall provide a minimum of 70 percent breaking strength retention after 500 hours exposure when tested in conformance with the requirements in ASTM D4355. The edges shall either be selvaged or serged. The parameters of the fabric shall be specified by a Registered Civil Engineer (California) with geotextile design experience and the Civil Engineer shall submit the material properties listed below with the hydraulic analysis.
  - The ACB slope shall be 2.5:1 horizontal to vertical that varies between the lengths shown on the ACB Panel Layout on the Project Drawings. Blocks shall interconnect with galvanized steel cables that run longitudinally through the

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_ Contractor: \_\_\_\_\_  
By: \_\_\_\_\_ Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 10 of 21

CONTRACT CHANGE ORDER NO. 1

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- blocks to form mats. Galvanized steel cables shall be of sufficient strength to support the blocks through installation without causing damage to the blocks.
- The geotextile fabric shall be placed on a smooth finished surface. Installation of the geotextile fabric shall be in conformance with the manufacturer's recommendations. The geotextile fabric shall be placed loosely upon or against the subgrade surface so that the fabric conforms to the surface without damage when the final revetment system is placed. There shall be a minimum 24" overlap between fabrics and the overlap shall be in the direction of flow to minimize the pull on the fabric by the river.
- Equipment and vehicles shall not be operated or driven directly on the fabric. Any fabric damaged during placement shall be replaced or repaired, as directed by the County. Repairing damaged fabric shall consist of placing new fabric over the damaged area. The minimum overlap from the edge of the damaged area shall be three feet.
- The ACB mats shall be directly placed on the geotextile fabric. Once the mat is on the ground, detached from any piece of heavy equipment, laborers can make small adjustments to the mats so that they interlock and secure the blocks to each other with pins. Crowbars may be used, with care to not damage the blocks or geotextile fabric, to adjust the blocks.

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 11 of 21

CONTRACT CHANGE ORDER NO. 1

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- The ACB revetment system shall be anchored at the top with an anchor trench and tied into the adjacent ground on either side of the ACB slope with termination trenches, in accordance with the manufacturer's recommendations.
- Trench construction work includes the excavation of the flank and anchor to the line and grade shown in Project Drawings and the backfill of the trenches to the final grade shown in the Project Drawings. Contractor shall take measures to dewater trenches should water fill the toe trench during construction.
- Trenches and spaces between mats shall be backfilled to grade with 4,000 psi concrete, grout or approved other as recommended by the ACB manufacturer.
- The measurement of the final quantity for Bid Item #6 - "ACB Material and Installation" shall be based on the total square footage of ACB installed and shall include installation of geotextile, ACB and backfill of anchor trenches and mats with 4,000 psi concrete. Payment shall constitute full compensation for all labor, material, equipment, and all other items necessary and incidental to completion of these items of work.
- Earthwork (Backfill of ACB)
  - This work shall include furnishing all labor, supervision, tools, equipment, and materials necessary to backfill the ACB at Pedley. This work shall include, but is not limited to placement of backfill within voids of ACB to the elevations, lines

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_  
By: \_\_\_\_\_

Date: \_\_\_\_\_  
Contractor: \_\_\_\_\_  
Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 12 of 21

CONTRACT CHANGE ORDER NO. 1

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- and grades at the locations shown on the Project Drawings and as required by the Contract Documents or as directed by the County.
- Source material for backfill of articulated concrete blocks (ACB) shall be from refuse cover soil, excavation cut within grading limits or cover soil from the Top Deck at Pedley Landfill and shall be loose and suitable for vegetation.
- This work shall include the backfill of ACB slopes to cover all exposed geotextile at the Pedley Landfill as indicated in the project drawings. Heavy equipment shall not be permitted to drive over the ACB slopes. Backfill material shall be placed on the ACB in rows perpendicular to the embankment using an excavator or equivalent type equipment and shall be moved into final position by hand-directed methods to a minimum of 85 % compaction. Backfill may be mechanically compacted by means of hand-directed equipment. Permission to use specific compaction equipment shall not relieve the Contractor from responsibility to ensure that the use of such equipment will not result in damage of adjacent ACB and underlying geosynthetic liner. Mechanically compacted backfill may be placed in one lift to achieve a finished minimum thickness of 4.75 inches.
- Damage to adjacent ACB or underlying geosynthetic liner shall be repaired as recommended by the manufacturer and cost for repair shall be borne to the

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.



RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 13 of 21

CONTRACT CHANGE ORDER NO. 1

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

Contractor. County will not provide additional compensation for repair to existing infrastructure.

- o The measurement of the final quantity for Bid Item #7 - "Earthwork (Backfill of ACB)" shall be based on the final in-place area of backfill total quantity of backfill placed as shown on the Project Drawings and as directed by the County. The final area shall be verified by the County based on conventional ground measurement, and shall be measured to the nearest square foot. Payment for the backfilling of ACB slopes at Pedley shall be made based on the unit price per in-place square foot, as stated in this Change Order for Earthwork (Backfill of ACB) and shall constitute full compensation to the Contractor for all work related to the backfilling of ACB slopes within the Project Limits including but not limited to: clearing, grubbing, excavation of source material used for backfill and compaction. Payment shall also constitute full compensation for furnishing all labor, supervision, materials, tools, and equipment necessary to backfill ACB slopes in accordance with the Contract Documents. No additional compensation shall be given for backfill placed outside the specified limits and dimensions unless otherwise ordered in writing by the County.

- Hydroseed

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 14 of 21

CONTRACT CHANGE ORDER NO. 1

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- o The work covered by this section shall consist of furnishing all necessary labor, materials, equipment, tools, and supervision to establish vegetation of slopes via hydroseeding at the locations indicated on the Project Drawings or as directed by the County. Prior to delivery of materials, the Contractor shall submit product data sheet, material specifications, and manufacturer's application instructions for erosion control blankets to the County for approval.
- o Prior to delivery of materials, the Contractor shall submit product data sheet, material specifications, manufacturer's application instructions and seed mix design for the hydroseeding application at Pedley to the County for approval.
- o Pedley Seed Mixture - The seed mixture furnished by the Contractor shall be Desert Sage Scrub Mix the seed shall be less than two years old. Germination test of the seed shall be made less than six months prior to the seeding operations and a certificate of such test shall be furnished to the Department. The germination tests, for an acceptable seed, shall indicate a minimum of 85 percent germination. When directed by the County, the above mixture may be varied to suit any special condition of soil peculiar to the areas to be seeded. Seed which has become wet, moldy, or otherwise damaged in transit or storage will not be acceptable.
- o The measurements of the final quantity for Bid Item #8 - "Hydroseed", shall be determined by the County based on field measurements of the total area of

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 15 of 21

CONTRACT CHANGE ORDER NO. 1

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

hydroseed placed and shall constitute full compensation to the Contractor for all work related to the supply and installation of hydroseed to promote vegetation growth in the project including but not limited to: furnishing all labor, supervision, materials, tools, developing water and equipment for slope preparation, hydroseeding and any other requirements by the Contract Documents.

- Asphalt Drainage
  - Asphalt Drainage shall be in accordance with Section 8 of the Contract Special Provisions.
  - Asphalt concrete pavement shall consist of hot mineral aggregate uniformly mixed with hot bituminous material.
  - Asphalt pavement materials for the road improvements and shall be III-B3 PG 64-10 and shall conform to Part 2, Sections 203-6 and 400-4 of the Standard Specifications.
  - Tack Coat: Tack Coat shall conform to Section 302-5.4, "Tack Coat" of the Standard Specifications and shall be PG 70-10 paving asphalt, or SS-1h emulsified asphalt applied at the rates as specified.
  - Payment for Bid Item #9 – "Asphalt Drainage" shall be per S.F. price listed as part of this Change Order. Each and every Asphalt Concrete load ticket shall be

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_ Contractor: \_\_\_\_\_  
By: \_\_\_\_\_ Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 16 of 21

CONTRACT CHANGE ORDER NO. 1

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

delivered to the County by truck drivers at the point of delivery.

- 1/2 Ton Rock Placement
  - The work covered in this section shall consist of furnishing all necessary labor, materials, equipment, tools and supervision for the placement of 1/2 Ton Rock along the slope and river from within the slope repair limits to selected locations within the property as directed by the County.
  - Rock shall be Half-Ton Class whose grading shall conform to Section 72-5.02 of the State Standard Specifications.
  - Contractor shall provide written documentation certified by the rock materials supplier and acceptable to the County that Half-Ton Class Rock conforms to the grading of concreted-rock slope protection, as well as apparent specific gravity, absorption, and durability index requirements described in Section 72-5.02 of the State Standard Specifications.
  - The subgrade for 1/2 Ton Rock Placement shall be prepared by either cutting or filling to the elevations and cross sections shown on the Project Drawings or as directed by the County. The subgrade shall be: prepared to the specified elevations, compacted to 90% relative compaction, shall be firm, stable and unyielding, contain no loose material, and be subject to the approval of the County.

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 17 of 21

CONTRACT CHANGE ORDER NO. 1

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- The Contractor shall temporarily divert stream water from toe of slope as necessary in order to excavate footing, and place rock. Upon completion of the rock slope protection installation, the Contractor shall relocate/remove materials used to divert water as directed by the County.
- The Contractor shall notify County site personnel at least one day prior to delivery of ½ Ton Rock materials to the Pedley Landfill for each day of delivery. Delivery trucks shall access work areas by use of the designated access route shown on the Project Drawings unless otherwise directed in writing by the County.
- Contractor shall perform all project work in such manner to minimize displacement of native materials along the streambed, including plant and native rock/soils.
- The Half-Ton rock shall be placed to the full thickness as shown on the Project Drawings in a single operation. In placing the rock, the Contractor shall take adequate precautions to avoid displacement of underlying bedding material. The Contractor may move and place individual stones as necessary to obtain a reasonably well-graded distribution. The finish rock lining shall be free of pockets of small stones or clusters of larger rocks and shall be approved by the County.

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_ Contractor: \_\_\_\_\_  
By: \_\_\_\_\_ Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 18 of 21

CONTRACT CHANGE ORDER NO. 1

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- Payment for Bid Item #10 – ½ Ton Rock Placement shall be per S.F. price listed as part of this Change Order.
- Payment for ½ Ton Rock Placement shall include but not be limited to grading, excavation, subgrade preparation, footing installation, and excess material stockpiling as specified in the Contract Documents and indicated in the Project Drawings.
- Time and Materials
  - Time and Materials shall be in accordance with Section 17 of the Contract Special Provisions.
  - Payment for Bid Item #11 – “Time and Materials” shall be per the Lump Sum price listed as part of this Change Order.
- Unless otherwise stated, the final measurement of all earthwork quantities for the various layers shall be calculated to the nearest cubic yard or the nearest square foot based only upon comparison of pre-construction and post-construction surfaces of the project work. These surfaces shall be established by a combination of conventional ground surveying done by the County and aerial flight surveys of the project work area. Unless otherwise stated, the surface for any layer which will be covered by subsequent layers shall be established by ground surveying. The surface for any layer which will not be covered shall be established by aerial flight survey. The Riverside County Flood Control and

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ **326,995.00**

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills

Sheet 19 of 21

CONTRACT CHANGE ORDER NO. 1

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

Water Conservation District shall conduct the aerial flight surveys at the County's request immediately following the completion of work. Final volumetric calculation of earthwork quantities for payment purposes shall then be performed by the County based upon the resulting Digital Terrain Models (DTM) using the grid volume method with a grid interval of five (5) feet by five (5) feet. It should be noted that different methods may be used by the County for determining quantities for progress payments. However, the earthwork quantities used for progress payments will be adjusted at the completion of the project based upon the final measurement method stated in this paragraph.

- Allowable deviation from design grades shown on the Project Drawings shall be ± 0.25 feet for all remaining areas within the project limits. Limits for measurement of the excavations and fills shall be to the lines and grades as shown on the Project Drawings or as directed by the County. No additional compensation will be given for deviations above the lines and grades shown on the Project Drawings or as directed by the County, even if within the allowable tolerance. No additional compensation will be given for removal and re-compaction of material that does not meet the specifications described in this section.

Change Order Pricing

Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00

By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

\_\_\_\_\_  
Chairman, Board of Supervisors

Date: \_\_\_\_\_

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

**RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES**

**Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills**

Sheet 20 of 21

**CONTRACT CHANGE ORDER NO. 1**

**To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.**

**NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.**

**Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:**

| <b>Bid Item No.</b> | <b>Description of Work Items</b>           | <b>Unit</b> | <b>Quantity</b> | <b>Unit Price (\$)</b> | <b>Total Cost for Each Bid Item (\$)</b> |
|---------------------|--|-------------|-----------------|------------------------|--|
| 1                   | Prepare and Implement NPDES SWPPP          | L.S.        | 1               | 8,500.00               | <b>8,500.00</b>                          |
| 2                   | Mobilization and Demobilization            | L.S.        | 1               | 62,000.00              | <b>62,000.00</b>                         |
| 3                   | Well Abandonment                           | L.S.        | 1               | 3,200.00               | <b>3,200.00</b>                          |
| 4                   | Earthwork (Landfill Excavation and Burial) | C.Y.        | 350             | 18.00                  | <b>6,300.00</b>                          |
| 5                   | Earthwork (Engineered Fill)                | C.Y.        | 500             | 20.00                  | <b>10,000.00</b>                         |
| 6                   | ACB Material and Installation              | S.F.        | 4,100           | 16.00                  | <b>65,600.00</b>                         |
| 7                   | Earthwork (Backfill of ACB)                | S.F.        | 6,450           | 1.30                   | <b>8,385.00</b>                          |

**Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00**

**By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days**

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

**General Manager-Chief Engineer  
Department of Waste Resources**

\_\_\_\_\_  
**Chairman, Board of Supervisors**

Date: \_\_\_\_\_

**We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.**

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

**If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.**



**RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES**

**Project: Construction of the 2016 Site Maintenance and Improvement Project at Badlands and Pedley Landfills**

Sheet 21 of 21

**CONTRACT CHANGE ORDER NO. 1**

**To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.**

**NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.**

**Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:**

|    |                                 |      |       |            |                     |
|----|---------------------------------|------|-------|------------|---------------------|
| 8  | Hydroseed                       | S.F. | 6,450 | 0.50       | <b>3,225.00</b>     |
| 9  | Asphalt Drainage                | S.F. | 1,420 | 5.50       | <b>7,810.00</b>     |
| 10 | ½ Ton Rock Placement            | S.F. | 2,750 | 18.90      | <b>51,975.00</b>    |
| 11 | Time and Materials              | L.S. | 1     | 100,000.00 | <b>100,000.00</b>   |
|    | <b>Original Contract Total:</b> |      |       |            | <b>\$326,995.00</b> |

Attachments:

1. Project Drawings
2. Rule 1150 Refuse Excavation Standard Conditions

**Estimated Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 326,995.00**

**By reason of this order the time of completion will be adjusted as follows: Add Eighty (80) days**

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

**General Manager-Chief Engineer  
Department of Waste Resources**

\_\_\_\_\_  
**Chairman, Board of Supervisors**

Date: \_\_\_\_\_

**We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.**

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

**If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.**

**Pedley Landfill**  
**CONSTRUCTION PLANS**  
**FOR**  
**Northeast Slope Repair Project**  
**February 2017**

PREPARED BY  
DEPARTMENT OF WASTE RESOURCES  
HANS KERNKAMP, GENERAL MANAGER/CHIEF ENGINEER  
14310 FREDERICK STREET  
MORENO VALLEY, CALIFORNIA 92553  
TEL. (951) 486-3200 FAX (951) 486-3205

DEPARTMENT OF WASTE RESOURCES

APPROVED: Hans Kernkamp, General Manager, Chief Engineer, R.C.E. 49885 Exp. 12/31/2018

RECOMMENDED: Joseph R. McCann, Assistant Chief Engineer, R.C.E. 51694 Exp. 6/30/2018

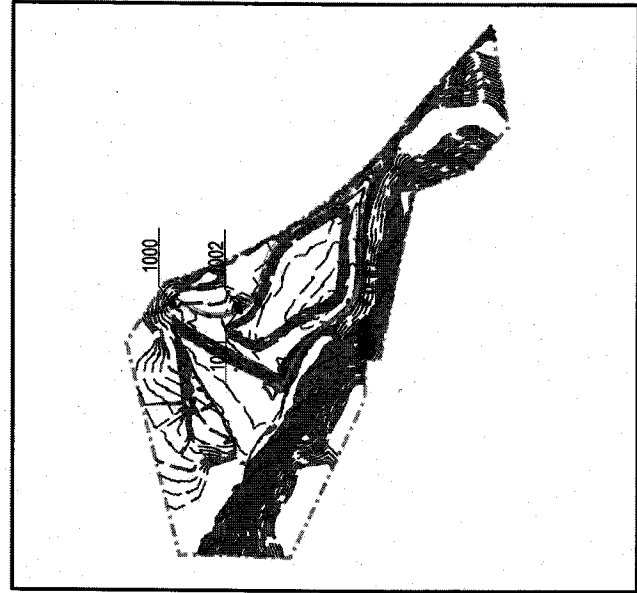
RECOMMENDED: Andrew Corbett, Principal Engineer, R.C.E. 62526 Exp. 10/31/2017

SUBMITTED: Manuel Ruiz, Associate Civil Engineer, R.C.E. 79120 Exp. 9/30/2018



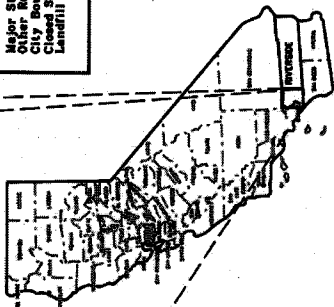
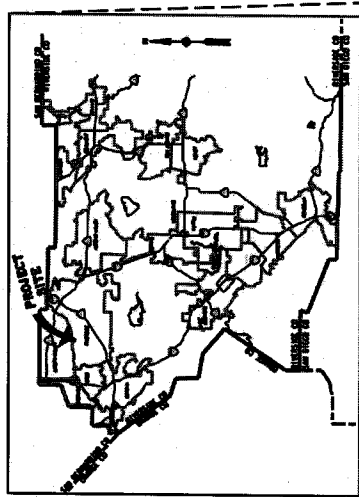
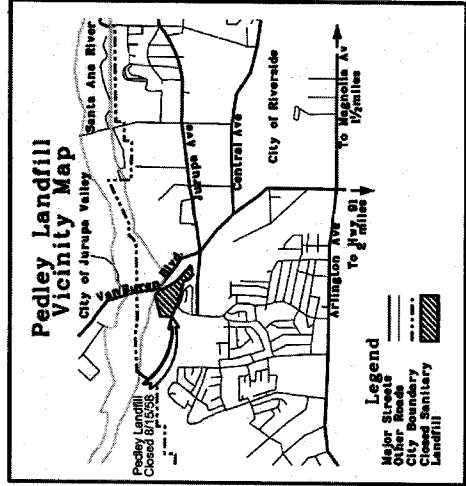
# INDEX OF DRAWINGS

| SHEET NO. | MODEL NAME                     | TITLE                                      |
|-----------|--------------------------------|--|
| 1         | 100 Sheet                      | 100 Sheet                                  |
| 2         | 100 Sheet                      | General Notes, Legends, & Survey Control   |
| 3         | Site Map                       | Site Map                                   |
| 4         | Relieve Excavation Design      | Relieve Excavation Plan                    |
| 5         | Relieve Excavation Approach    | Relieve Excavation Plan Approach           |
| 6         | Engineering Fill Plan          | Grading and A-2.5 Insulation Plan          |
| 7         | Engineering Fill Plan Approach | Grading and A-2.5 Insulation Plan Approach |



# SURVEY CONTROL POINTS

| Pt.  | Northing     | Easting      | Elevation | Description                   |
|------|--------------|--------------|-----------|-------------------------------|
| 1000 | 2,295,985.92 | 6,192,911.26 | 687.16    | Well PE 4                     |
| 1001 | 2,295,760.75 | 6,192,894.38 | 688.43    | Existing bike path bench mark |
| 1002 | 2,295,766.46 | 6,192,905.55 | 687.89    | 1/4" Rebar 2' long            |



### FILL PATTERNS

| Fill Material             | Symbol    |
|---------------------------|-----------|
| Existing Material         | [Pattern] |
| Engineered Fill           | [Pattern] |
| Concrete                  | [Pattern] |
| Native Material           | [Pattern] |
| Landfill Material/Relieve | [Pattern] |

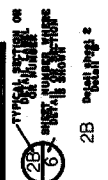
### LINE PATTERNS

|  |          |
|--|----------|
| Grading Line (Use only to isolate)         | [Symbol] |
| Edge of (Trash) Fill                       | [Symbol] |
| Property Line                              | [Symbol] |
| Construction Hinge Line                    | [Symbol] |
| Contracted Top Line                        | [Symbol] |
| Ground Contours                            | [Symbol] |
| Design Contours                            | [Symbol] |
| Edge of the Santa Ana River (Fill Deposit) | [Symbol] |

### MISCELLANEOUS

|                             |          |
|-----------------------------|----------|
| Monument Point              | [Symbol] |
| Groundwater Monitoring Well | [Symbol] |
| 15' Slope Callout           | [Symbol] |
| 15' Slope Callout           | [Symbol] |
| Flow direction              | [Symbol] |

### Detail Callouts



### ABBREVIATIONS

|          |                                   |
|----------|-----------------------------------|
| A.C.     | ASPHALT CONCRETE                  |
| APPROX.  | APPROXIMATE                       |
| CL.      | CLEARANCE                         |
| E.       | EASTING                           |
| EL.      | ELEVATION                         |
| F.       | FILL                              |
| FL.      | FLAN LINE                         |
| G.B.     | GRADE BREAK                       |
| N.       | NORTHING                          |
| N.T.S.   | NOT TO SCALE                      |
| P.V.     | PROPERTY LINE                     |
| R.C.     | REINFORCED CONCRETE               |
| R.C.P.C. | REINFORCED CONCRETE FLOOD CONTROL |
| TYP.     | TYPICAL                           |
| TOP      | TOP OF SLOPE                      |
| VE       | VEG OF SLOPE                      |

### GENERAL NOTES

1. Details of construction, materials and workmanship not shown on drawings shall be in accordance with the specifications of the Standard Specifications and any applicable contract specifications.
2. All existing utilities (water, electrical, gas, sewer, etc.) shall be protected from damage or interference. All existing utilities shall be verified by the contractor prior to starting work. The Department shall be responsible for providing utility records.
3. Topography is developed by digital photogrammetric methods using aerial photographs. The accuracy of the topographic data is based on North American Datum of 1983 (NAD 83). All elevations are in feet, based on U.S.C. & G.S. Datum.
4. All elevations are in feet, based on U.S.C. & G.S. Datum.

| NO. | REVISIONS | BY | DATE |
|-----|-----------|----|------|
|     |           |    |      |
|     |           |    |      |
|     |           |    |      |
|     |           |    |      |

**WASTE RESOURCES**

WASTE RESOURCES, INC.

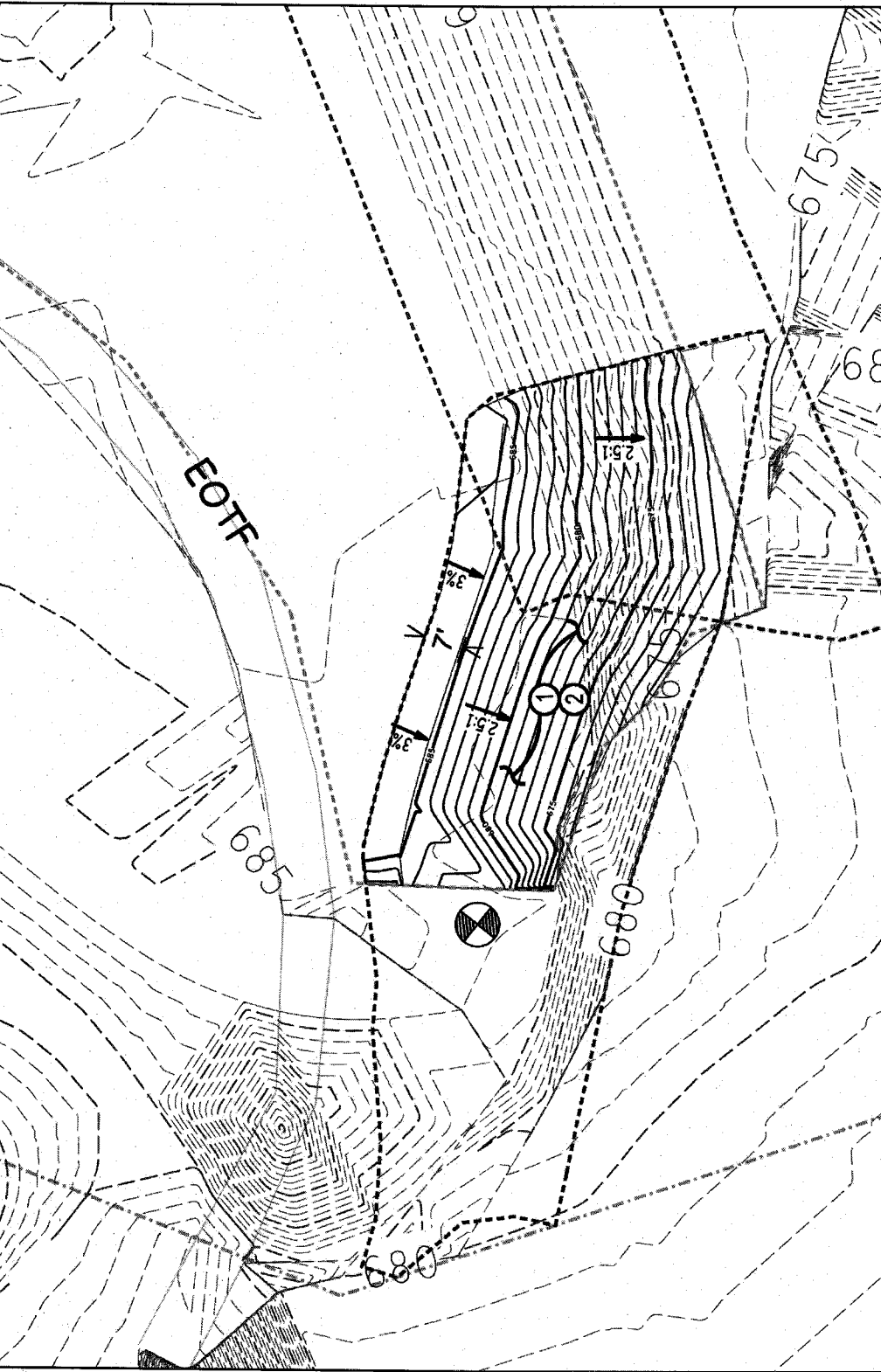
10000 W. CENTRAL AVENUE, SUITE 100, PEPPER HARBOR, CA 94641

TEL: (415) 962-1000 FAX: (415) 962-1001

| SCALE   | as shown                                  |
|---------|---|
| PROJECT | Pedley Landfill                           |
| PROJECT | Northeast Slope Repair                    |
| PROJECT | Slope Repair/Project Drawings             |
| PROJECT | FILE Pedley Change Order Slope Repair.dgn |
| PROJECT | Sheet 1 and 2 - Title Sheets              |
| SHEET   | 2 OF 7                                    |

## General Notes & Legends





**Construction Notes**

- ① Excavate refuse to the lines and grades shown on this Project Drawing.
- ② Stockpile excavated refuse along Top Deck and cover with a min. 2' of soil as directed by the County.

Approximate Refuse  
Excavation Quantity: 350 CY

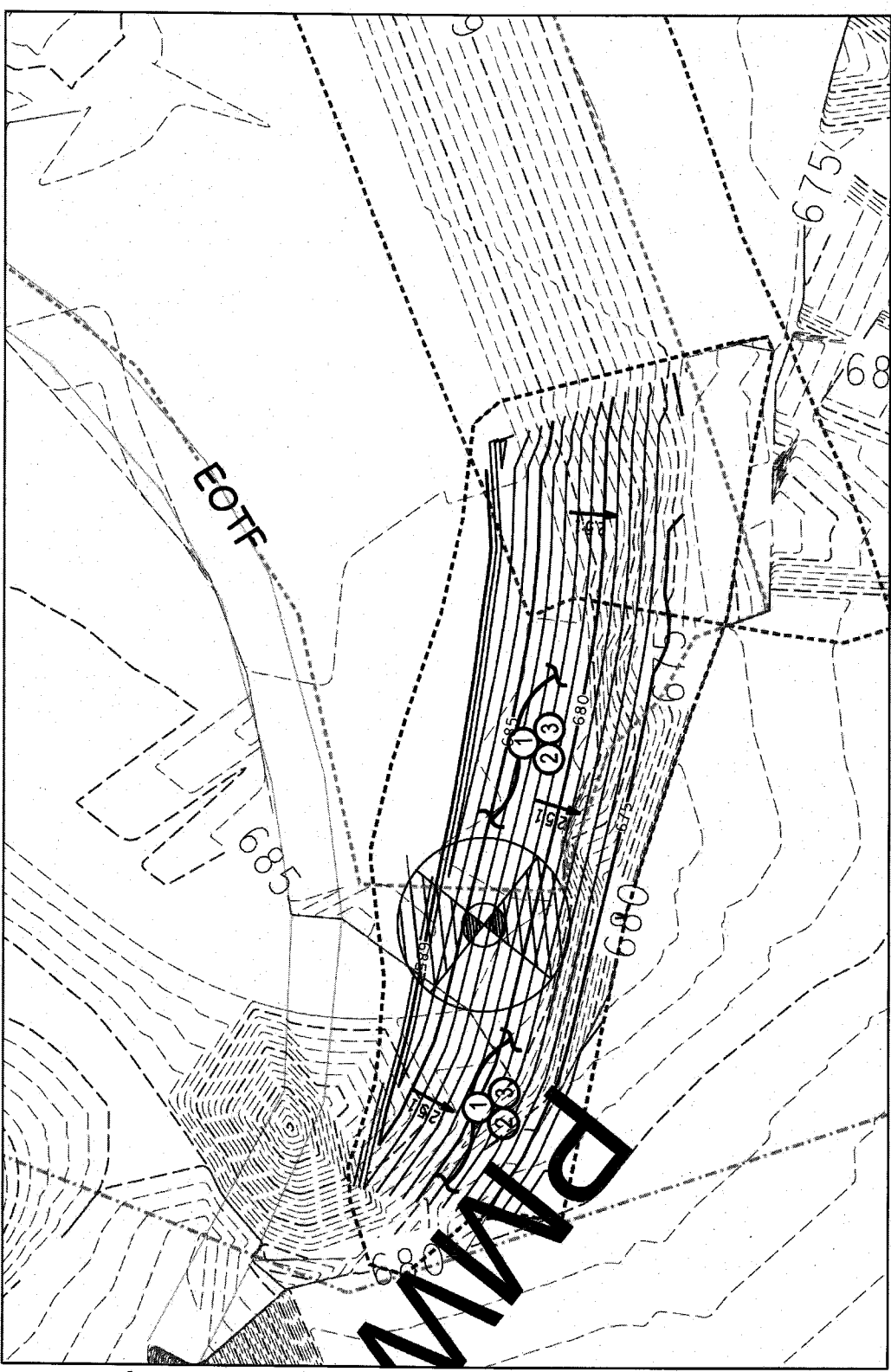
**Legend**

- Grading Limits
- Design Contours
- EOTF (Edge of Trench Foot)
- Approx. Edge of (Fresh) Fill
- Property Line
- Bound Contours
- Neighboring Boundary
- Existing ACS Limits



|  |                                 |                            |                            |
|--|---------------------------------|----------------------------|----------------------------|
| SCALE: 22-34: 1"=10' 11x17: 1"=20'                 | PROJECT: Pedley Landfill        | DATE: February 2017        | DATE OF WORK: January 2017 |
| OWNER: T: Pedley/1700/Projects                     | PROJECT: Northeast Slope Repair | CHECKED BY: AC             |                            |
| DRAWN BY: Slope Repair/Project Drawings            |                                 | DATE: February 2017        |                            |
| PROJECT: RLP: Pedley Change Order Slope Repair 4/0 |                                 | DATE OF WORK: January 2017 |                            |
| NO. 4: Sheet 4 - Refuse Excavation                 |                                 |                            |                            |
| SHEET 4 OF 7                                       |                                 |                            |                            |





**Construction Notes**

- 1 Place and prepare engineered fill to the lines and grades shown on sheet 6 and 7.
- 2 Construct ACB mat termination trench perpendicular to the slope and install ACB per manufacturer's recommendations.
- 3 Apply soil backfill over ACB and hydrossed in accordance with Contract Specifications.

Approximate Quantity of cut outside of EOTF: 618 CY

Approximate Quantity of Engineered Fill: 500 CY

**Legend**

- Contour Lines
- Existing Contours
- EOTF Line
- Proposed Slope of (Final) PE
- Proposed Line
- Original Contour
- Proposed Contour
- Proposed ACB Line
- Existing ACB Line
- Proposed Markings



|       |  |
|-------|--|
| SCALE | 22x34: 1"=10' 11x17: 1"=20'                |
| PLANS | T:\Pedley\T\Projects                       |
| PLANS | Slope/Repair/Project Drawings              |
| PLANS | PLANS/Repair/Change Order Slope Repair.dgn |
| DATE  | Sheet 6 - Engineered Fill                  |
| SHEET | 6 of 7                                     |

**Pedley Landfill  
Northeast Slope Repair  
Grading and ACB Installation Plan**

|                     |               |
|---------------------|---------------|
| DESIGNED BY:        | MR            |
| DRAWN BY:           | MR            |
| CHECKED BY:         | AC            |
| DATE:               | February 2017 |
| DATE OF THIS SHEET: | January 2017  |

| NO. | REVISIONS | BY | APPROVED | DATE |
|-----|-----------|----|----------|------|
|     |           |    |          |      |
|     |           |    |          |      |
|     |           |    |          |      |
|     |           |    |          |      |







# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

February 15, 2017

Riverside County Waste Management Department  
14310 Frederick Street  
Moreno Valley, CA 92553

Attention: Mr. Andy Cortez  
Engineering Project Manager

## **Rule 1150 Excavation Permit- Extension**

Reference is made to your Application No. 585340 for a Rule 1150 Excavation Permit for the excavation associated with the Slope Repair at the Pedley Closed Landfill (ID 166556), located ¼ mile NW of Jurupa Avenue & Van Buren Blvd., Riverside, CA 92503. Reference is also made to recent events leading to landfill sustaining more erosion on a landfill slope adjacent to the Santa Ana River, and plans to repair the slope under an emergency permit through the Army Corp of Engineers. Please be advised that this Excavation Permit is granted under Rule 1150 of the Rules and Regulations of the South Coast Air Quality Management District (SCAQMD) and is subject to the following conditions:

1. This excavation shall be conducted in compliance with all plans and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This excavation permit shall be valid until May 31, 2017. An extension may be granted upon written request. Such a request shall include the reasons the extension is required, the length of the extension and the status of the excavation to date.
3. The SCAQMD shall be notified in writing at least two (2) days prior to the start of the excavation and within five (5) days after it is completed.
4. This excavation permit is valid only for the excavation and handling of approximately 500 cubic yards of material consisting primarily of soil, ash and other debris.
5. During excavation, if soils suspected of VOC contamination are encountered, further excavation and handling of such soils shall only be conducted under a valid SCAQMD Rule 1166 Soil Management Plan.
6. Excavation shall not be conducted between the hours of 6:00 p.m. and 7:00 a.m. or on Sundays and legal holidays unless otherwise approved in writing by the SCAQMD.
7. Excavation shall not be conducted on days when the SCAQMD forecasts first, second or third stage episodes for area number 23 or when the SCAQMD requires companies in area number 23

to implement their first, second or third stage episode plans. Episode forecasts for the following day can be obtained by calling (800) 288-7664.

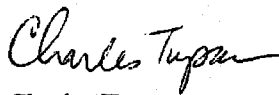
8. Excavation shall not be conducted when the wind speed is great than 15 mph (averaged over 15 minutes) or the wind speed instantaneously exceeds 25 mph.
9. During excavation, all working areas, excavated material and unpaved roadways shall be watered down until the surface is moist and then maintained in a moist condition to minimize dust and emissions without creating a safety hazard condition.
10. All excavated material shall be covered with either a minimum of 6 inches of clean soil, tarps (as approved as alternative daily cover material) plastic sheeting or approved foam whenever work is not actively in progress. Foam by itself shall not be used as a night cover if it is raining or rain is predicted by the national weather service prior to the next scheduled day of excavation.
11. All excavated material placed at the EM stockpile shall be covered with two feet of clean engineered fill.
12. For any excavated material solids which are to be trucked offsite, when loading is completed and during transport, no material shall extend above the sides or rear of the truck or trailer which will haul the excavated material.
13. The excavation workface which exposes refuse or other emission generating materials to the atmosphere shall be covered with either a tarp or a minimal of 6 inches of soil whenever work is not actively in progress.
14. The excavation work face which exposes refuse or other emission generating materials to the atmosphere shall not exceed 50,000 square feet at any given time.
15. All excavated hazardous material shall be transported in such a manner as to prevent any emissions of hazardous materials.
16. All hazardous materials shall be transported in containers clearly marked as to the type of material contained and what procedures should be followed in case of accidental spills.
17. Excavated liquid hazardous materials with the potential to cause air emissions shall be encapsulated or enclosed in containers with sealed lids before loading into the transport vehicles.
18. All materials that are listed as hazardous by a federal or state agency shall be considered "hazardous materials" for the purpose of this permit.
19. During excavation, upon detection of odorous gases and until such odors are no longer present, monitoring for Total Organic Compounds as methane using an Organic Vapor Analyzer (OVA) or other monitor approved by the SCAQMD shall be conducted once every 15 minutes at the working face downwind of the excavation and the maximum sustained readings shall be recorded. The OVA or other approved monitor shall be calibrated each day in accordance with manufacturers' specifications.
20. If the OVA or other approved organic monitor shows a sustained (greater than 15 seconds) reading of 2,000 ppmv or greater at the working face, the excavation shall cease and the approved mitigation measures implemented immediately. Excavation shall not resume until the readings return to the background level.

21. During excavation, continuous monitoring and recording of the wind speed and directions shall be conducted at an appropriate site or, through the meteorological station if present at the site.
22. If a distinct odor (level III or greater) resulting from the excavation is detected at or beyond the property line, the excavation shall cease and the approved mitigation measures implemented immediately. Odor levels will be determined by SCAQMD personnel or on-site safety coordinator in the absence of SCAQMD personnel.
23. During excavation, if a considerable number of complaints are received, all work shall cease and the approved mitigation measures shall be implemented immediately.
24. For the purpose of this permit, approved mitigation measures are:
  - Reduced working face size
  - Application of water to emission generating materials
  - Application of tarps and/or soil covers over emission generating materials
25. Mitigation measures, other than those indicated in these conditions, which are deemed appropriate by SCAQMD personnel as necessary to protect the comfort, repose, health or safety of the public, shall be implemented upon request.
26. All records of excavation working hours, monitoring results, daily amounts of materials excavated and relocated, and other records required by this permit shall be kept on file for at least two years and made available to the SCAQMD upon request.
27. Excavation, handling and stockpiling activities shall comply with the applicable requirements of Rule 403.
28. This permit or a copy of this permit shall be present at the excavation site.

Other governmental agencies may require approval before any excavation begins. It shall be the responsibility of the applicant to obtain that approval. The South Coast Air Quality Management District shall not be responsible or liable for any losses because of measures required or taken pursuant to the requirements of this approved Excavation Management Plan.

If you have any questions regarding this matter, please call me at (909) 396-2684.

Very truly yours,



Charles Tupac  
AQAC Supervisor  
Waste Mgmt/Bulk Term Team  
Engineering and Compliance Division

cc: Compliance



Hans W. Kernkamp, General Manager-Chief Engineer

## NOTICE OF EXEMPTION

**DATE:** May 2, 2017

**TO:** County Clerk, County of Riverside

**PROJECT CASE NO/TITLE:** NOE 17-01 Emergency Repairs at the Pedley Landfill

**PROJECT LOCATION:** The Pedley Landfill is located in the City of Riverside, northwest of the intersection of Van Buren Boulevard and Jurupa Avenue. APNs: 163-300-008, 163-300-009, 163-300-010

**PROJECT DESCRIPTION:** Due to heavy rainfall in late January 2017, approximately 0.015 acre of the Pedley Landfill eroded into the Santa Ana River. Emergency repairs have commenced to include stabilization of the landfill slope by removing landfill material, placing compacted clean engineered fill material, and armoring with an Articulated Concrete Block (ACB) revetment system. Portions of the existing ACB that suffered damage were removed, the area re-graded, and new ACB will be deployed. The emergency repairs and subsequent funding are herein referred to as the Project.

**PUBLIC AGENCY APPROVING PROJECT:** County of Riverside (County)

**PROJECT SPONSOR:** Riverside County Department of Waste Resources (RCDWR)

The Project is exempt from the provisions of CEQA, specifically by the State CEQA Guidelines as identified below. The Project will not result in any specific or general exceptions to the use of categorical exemptions as detailed under State CEQA Guidelines section 15300.2. The Project will not cause any impacts to scenic resources, historic resources, or unique sensitive environments and instead will improve the environment once the Project is completed. Further, no unusual circumstances or potential cumulative impacts would occur that may reasonably create a direct or reasonably foreseeable indirect physical environmental impact.

### EXEMPT STATUS:

- Ministerial
- Declared Emergency
- Emergency Project
- Statutory Exemption: **Section 15269**
- Categorical Exemption: **Section 15301, 15302, & 15330**
- Other Exemption:

**REASONS FOR EXEMPTION:**

**Section 15269, Emergency Projects**

This exemption covers emergency repairs to publically or privately owned service facilities necessary to maintain service essential to the public health, safety or welfare, as well as specific actions necessary to prevent or mitigate an emergency.

**This project is exempt under Section 15269 because:**

The Project is necessary to protect public health and welfare by repairing and preventing further slope erosion, which if left unchecked will result in pollution of the Santa Ana River from unearthed contents of the Pedley Landfill. This will substantially impact public health and safety since contaminants in the Santa Ana River will have direct impacts on downstream users (water contact) of the Santa Ana River, along with potential impacts to ground water resources.

The Project has received coverage under emergency permitting provisions administered by the U.S. Army Corps of Engineers, the Regional Water Quality Control Board, and the California Department of Fish and Wildlife. Therefore, the Project meets the scope and intent of the Emergency Project Statutory Exemption.

**Section 15301, Class 1 Existing Facilities**

This exemption covers the operation, repair, maintenance, permitting, leasing, licensing, minor alteration, or demolition and removal of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible, or no expansion of use beyond that existing at the time of lead agency's determination.

**This project is exempt under Section 15301 because:**

The Project will be conducted at the closed Pedley Landfill, an existing facility, involving negligible or no expansion beyond that existing at the time the facility was approved for operation. The Project will not expand the permitted capacity of the landfill and will not alter any ongoing operations at the site. This is merely a repair of the existing landfill slopes in order to mitigate for impacts to the surrounding environment. No significant environmental impacts will occur during construction of the site and, once operational, will actually reduce ongoing environmental impacts. Therefore, the Project meets the scope and intent of the Class 1 Categorical Exemption.

**Section 15302, Class 2 Replacement or Reconstruction**

This exemption consists of replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced.

**This project is exempt under Section 15302 because:**

The Project will repair/restore the existing slope, which has undergone severe erosion. The Project is located on the same site and the repaired slope/bank will have substantially the same purpose and capacity as the previous bank/slope. No significant environmental impacts will occur during construction of the site and, once operational, will actually reduce ongoing environmental impacts. Therefore, the Project meets the scope and intent of the Class 2 Categorical Exemption.

**Section 15330, Class 30 Minor Actions to Prevent, Minimize, Stabilize, Mitigate or Eliminate the Release or Threat of Release of Hazardous Waste or Hazardous Substances**

This exemption consists of any minor cleanup actions taken to prevent, minimize, stabilize, mitigate, or eliminate the release or threat of release of a hazardous waste or substance which are small or medium removal actions costing 1 million dollars or less. Examples of such minor cleanup actions include, but are not limited to, maintenance or stabilization of berms, dikes, or surface impoundments; construction of surface caps; and excavation and/or removal of contaminated soils. Note that definitions of "removal" pursuant to the Hazardous Substance Account Act (state superfund law) and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) include not only removal actions necessary to clean up or remove hazardous substances, but also actions to prevent or minimize damage to public health or the environment. The key distinction between small to medium removal actions as opposed to larger scale remedial actions is accounted for by utilizing a 1 million dollar cap on the cost of the action.

**The project is exempt under Section 15330 because:**

The Project stabilizes and armors the bank/slope of the landfill to prevent hazardous waste from entering the Santa Ana River. The cost of the project is expected to be less than 1 million dollars and meets the definition of a "small or medium" action. The Project will mitigate for the ongoing hazardous condition at the site in order to prevent and minimize damage to public health and the environment. The Project will not require the use of an on-site incinerator or thermal treatment unit and will not cause any significant environmental impacts during construction. Therefore, the Project meets the scope and intent of the Class 30 Categorical Exemption.

**FINDINGS:**

- 1) Based upon the identified exemptions and justification above, the RCDWR, on behalf of the County, hereby concluded that no physical environmental impacts are anticipated to occur and the Project is exempt under CEQA. No further environmental analysis is warranted.
- 2) As demonstrated in the preceding section (Reasons for Exemption), the Project is exempt from CEQA pursuant to State CEQA Guidelines Sections 15269, 15301, 15302, and 15330.

If there are any questions regarding the above matter, I can be reached at (951) 486-3200.

**Hans Kernkamp, General Manager - Chief Engineer  
Riverside County Department of Waste Resources**

By: 

\_\_\_\_\_  
Ryan Ross

Title: Principal Planner

Date: May 2, 2017

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: 2016 Site Maintenance and Improvements at the Badlands Landfills Sheet 1 of 11

CONTRACT CHANGE ORDER NO. 2

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

The County has added extra work, changed the specifications for one Bid Item and has deleted one Bid Item to the Contract as follows:

- The County authorizes the installation of a 4" thick asphalt concrete (a.c.) down drain along Bench 1.
- The County authorizes the installation of a stabilized construction exit.
- The County authorizes drainage improvements to widen the area adjacent to the eastern drainage inlet.
- The County authorizes the application of waterproof epoxy coating to the LCRS concrete secondary containment structure.
- The County authorizes the installation of an additional 1,580 square feet (sf) of 7" thick a.c. along the Ironwood Avenue drainage improvement.
- The County authorizes the installation of an additional 40 linear feet (lf) of Type 'D' Dike along the Ironwood Avenue drainage improvement.
- The County authorizes the change in material specified for Bid Item #7 Construct Rock Berm from No. 3 rock to 3" to 6" minus size rock.
- The County authorizes the construction of Bid Item #22 Construct 12" Thick Class II Base and deletes Bid Item #23 Construct 12" Thick Class III Base.

Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 102,972.76

Fifteen (15) additional working days have been added to the contract due to this Change Order.

Submitted by: [Signature] Date: 4/20/17

Approved by: [Signature] Date: 4/20/17  
 General Manager-Chief Engineer  
 Department of Waste Resources

FORM APPROVED COUNTY COUNCIL 4/20/17  
 BY: NEAL R. KIPNIS DATE

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_ Contractor: \_\_\_\_\_  
By: \_\_\_\_\_ Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: 2016 Site Maintenance and Improvements at the Badlands Landfills Sheet 1 of 11

CONTRACT CHANGE ORDER NO. 2

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

The County has added extra work, changed the specifications for one Bid Item and has deleted one Bid Item to the Contract as follows:

- The County authorizes the installation of a 4" thick asphalt concrete (a.c.) downdrain along Bench 1.
- The County authorizes the installation of a stabilized construction exit.
- The County authorizes drainage improvements to widen the area adjacent to the eastern drainage inlet.
- The County authorizes the application of waterproof epoxy coating to the LCRS concrete secondary containment structure.
- The County authorizes the installation of an additional 1,580 square feet (sf) of 7" thick a.c. along the Ironwood Avenue drainage improvement.
- The County authorizes the installation of an additional 40 linear feet (lf) of Type 'D' Dike along the Ironwood Avenue drainage improvement.
- The County authorizes the change in material specified for Bid Item #7 Construct Rock Berm from No. 3 rock to 3" to 6" minus size rock.
- The County authorizes the construction of Bid Item #22 Construct 12" Thick Class II Base and deletes Bid Item #23 Construct 12" Thick Class III Base.

Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 102,972.76

Fifteen (15) additional working days have been added to the contract due to this Change Order.

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: 4-17-17  
By: \_\_\_\_\_

Contractor: ROAD BUILDERS, INC  
Title: PRESIDENT

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.



RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: 2016 Site Maintenance and Improvements at the Badlands Landfills Sheet 2 of 11

CONTRACT CHANGE ORDER NO. 2

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

The Scope of Work related to the extra work items shall be as follows:

- Installation of a 4" thick a.c. downdrain along Bench 1
  - Work associated with the installation of the a.c. downdrain and Type 'A' a.c. dike shall be in accordance with Section 8 of the Contract Special Provisions.
  - Asphalt paving material for the downdrain and Type 'A' a.c. dike shall be D1-PG 70-10 or approved equal.
  - Payment for the 4" thick a.c. downdrain and Type 'A' dike shall be based on the pertinent details required by the Contract Documents as verified by the County through field measurement. Payment for the downdrain shall be per the unit price per square foot listed as part of this Change Order. Payment for the Type 'A' Dike shall be at the contract unit price per linear foot as listed as part of this Change Order. Each and every Asphalt Concrete load ticket shall be delivered to the County by truck drivers at the point of delivery.
  
- Installation of stabilized construction exit
  - Work associated with the material and installation of Class II Base shall be in accordance with Section 13 of the Contract Special Provisions.
  - The required 8-ft x 10-ft Rumble Rack sections shall be prefabricated steel panels,

Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 102,972.76

Fifteen (15) additional working days have been added to the contract due to this Change Order.

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: 2016 Site Maintenance and Improvements at the Badlands Landfills Sheet 3 of 11

CONTRACT CHANGE ORDER NO. 2

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- and shall be pressed or shop welded, with a slot or hooked section to facilitate coupling at the ends of the panels. Prior to delivery, the Contractor shall submit manufacturer's specifications, material information, and fabrication shop drawings for the rumble rack sections.
- Rumble racks shall be supplied and installed at the locations and in conformance with the details shown on the Project Drawings and as required by the manufacturer's recommendations or as directed by the County.
  - Prior to installing the rumble rack panels and underlying class II base material, the ground surface shall be cleared of all debris to ensure uniform contact with the ground surface.
  - In accordance with Section 1.22 of the Contract Special Provisions, Contractor shall provide traffic control when installation occurs along active landfill haul roads.
  - Payment for the installation of 12" thick Class II Base shall be in accordance with Section 2.7 Extra Work of the Contract General Provisions and shall be paid from the Time and Materials Bid Item listed in this Change Order. Payment shall constitute full compensation to the Contractor for all work related to the installation of Class II base, including but not limited to: subgrade preparation, compaction, and furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in placing Class II Base as directed by the

Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 102,972.76

Fifteen (15) additional working days have been added to the contract due to this Change Order.

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: 2016 Site Maintenance and Improvements at the Badlands Landfills Sheet 4 of 11

CONTRACT CHANGE ORDER NO. 2

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NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

County.

- o The measurement of final quantities for "Furnish & Install 8-ft x10-ft Steel Rumble Racks" shall be determined by the County based upon the specified number of units installed at the locations and in conformance with the details shown on the Project Drawings and as required by the Contract Documents. Payment for Rumble Racks and all related work shall be based upon the contract unit price per each as stated in this Change Order and no additional compensation will be allowed. Payments shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in supplying and installing Rumble Racks completed in place.
- Widening of area adjacent to the eastern drainage inlet
  - o Work associated with the widening of the area adjacent to the eastern drainage inlet consists of demolition, subgrade preparation, installation of Class II Base and installation of Asphalt Concrete.
  - o Demolition work shall be in accordance with Section 5 of the Contract Special Provisions.
    - Demolition work shall include sawcut and removal of an approximately 1,000 sf section of: 7" thick A.C., 10" thick Class II Base and approximately 20' of a 3 foot tall steel welded wire fabric reinforced

Cost: Decrease - \$ or Increase \$ 102,972.76

Fifteen (15) additional working days have been added to the contract due to this Change Order.

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_  
By: \_\_\_\_\_

Date: \_\_\_\_\_ Contractor: \_\_\_\_\_  
Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: 2016 Site Maintenance and Improvements at the Badlands Landfills Sheet 5 of 11

CONTRACT CHANGE ORDER NO. 2

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

**NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.**

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- concrete trap channel sidewall.
    - Demolished A.C., Class II Base, concrete and welded wire fabric shall be hauled to the Site's Wet Weather Pad or an area designated by the County and stockpiled for recycling and reuse.
  - Subgrade Preparation prior to installation of 10" thick Class II Base shall be in accordance with Section 6.3 of the Contract Special Provisions.
  - Installation of 7" thick A.C. shall be in accordance with Section 8 of the Contract Special Provisions.
    - Asphalt pavement materials for road improvements shall be III-B3 PG 64-10 or approved equal and shall conform to Part 2, Section 203-6 and 400-4 of the Standard Specifications.
  - Payment for the widening of the area adjacent to the eastern drainage inlet shall be based on the lump sum price listed in this Change Order. Payment shall constitute full compensation for furnishing all labor, supervision, materials, tools, and equipment necessary to widen the area adjacent to the eastern drainage inlet.
- Application of waterproof epoxy coating to the LCRS concrete secondary containment structure.
  - All interior concrete surfaces of the secondary containment structure (approximately 2,400 sf) shall be sealed and waterproofed using a prime coat of

Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 102,972.76

Fifteen (15) additional working days have been added to the contract due to this Change Order.

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_ Contractor: \_\_\_\_\_  
By: \_\_\_\_\_ Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: 2016 Site Maintenance and Improvements at the Badlands Landfills Sheet 6 of 11

CONTRACT CHANGE ORDER NO. 2

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NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

minimum dry film thickness of 10 mils; and final coat of 10 mils; for a total minimum dry film thickness of 20 mils. Coating systems shall be manufactured by one of the following manufacturers or approved equal:

- Carboline System: Primer – Carboguard 891
  - Final – Carboguard 891
  - Engard System: Primer – 480 H.S. Epoxy
  - Final – 480 H.S. Epoxy
  - Tnemec System: Primer – 69 Hi-Build Epoxoline II
  - Final – 69 Hi-Build Epoxoline II
- Prior to ordering epoxy, Contractor shall submit epoxy manufacturer's standard color samples for County selection.
  - Payment for the application of surface concrete epoxy shall be compensated in accordance with Section 2.7 Extra Work of the Contract General Provisions and shall be paid from the Time and Materials Bid Item in this Change Order. Payments shall constitute full compensation (less retention) for all labor, material, tools, equipment, and all other items necessary and incidental to completion of this item of work.

- Ironwood Avenue Drainage Improvement
  - Work associated with Ironwood Avenue Drainage Improvement shall include

Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 102,972.76

Fifteen (15) additional working days have been added to the contract due to this Change Order.

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: 2016 Site Maintenance and Improvements at the Badlands Landfills Sheet 7 of 11

CONTRACT CHANGE ORDER NO. 2

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NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- construction of A.C. Access Road and Type 'D' Dike.
  - Installation of A.C. Access Road and Type 'D' Dike shall be in accordance with Section 8 of the Contract Special Provisions.
  - Measurement of the final quantity for "Construct A.C. Access Road" shall be in accordance with Section 8.5A of the Contract Special Provisions. Payment for A.C. Access Road shall be at the contract unit price per square foot as stated in the Contractor's Proposal and this Change Order.
  - Measurement of the final quantity for "Type 'D' Dike" shall be in accordance with Section 8.5B of the Contract Special Provisions. Payment for Type 'D' Dike shall be at the contract unit price per linear foot as stated in the Contractor's Proposal and this Change Order.
- 
- Rock Berms
    - Rock material for rock berms shall be a minimum 3" in diameter, shall not be greater than 6" in diameter and shall be crushed angular rock suitable for stacking to a maximum height of approximately 14 feet.
    - The measurement of the final quantity for Bid Item No. 7 - "Construct Rock Berm" shall be determined by the County based upon the final in-place linear feet of Rock Berm constructed within the limits specified in the Project Drawings and as directed by the County. The final length of Rock Berm shall be verified by the

Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 102,972.76

Fifteen (15) additional working days have been added to the contract due to this Change Order.

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: 2016 Site Maintenance and Improvements at the Badlands Landfills Sheet 8 of 11

CONTRACT CHANGE ORDER NO. 2

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

County based on conventional ground measurement, and shall be measured to the nearest linear foot. Payment shall be made, after acceptance, at the contract unit price per linear foot as stated in this Change Order for Bid Item No. 7 Construct Rock Berm and shall replace the previous Contract Bid Price. Payment shall constitute full compensation to the Contractor for all work related to the furnishing and installation of Rock Berm including but not limited to all labor, material, tools, equipment, and incidentals, and any other material or other work required by the Contract Documents. Payment shall also constitute full compensation for furnishing all labor, supervision, materials, tools, and equipment necessary to install Rock Berm in accordance with the Contract Documents. No additional compensation shall be given for Rock Berms placed outside the specified limits and dimensions unless otherwise ordered in writing by the County.

- As stated in Section 13.3G of the Contract Special Provisions, "the County estimates an in place square footage of approximately 35,610 square feet (sf) of aggregate base being required to meet the lines and grades specified in the project drawings. The County will either be selecting Optional Alternative Bid Item No. 22 or 23 for the aggregate base to be installed and not both". The County has authorized the scope of work for aggregate base installation as follows:

Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 102,972.76

**Fifteen (15) additional working days have been added to the contract due to this Change Order.**

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_  
By: \_\_\_\_\_

Contractor: \_\_\_\_\_  
Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: 2016 Site Maintenance and Improvements at the Badlands Landfills Sheet 9 of 11

CONTRACT CHANGE ORDER NO. 2

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

- o Bid Item #22 Construct 12" Thick Class II Base – The County authorizes the construction of Optional Alternative Bid Item #22 for a total quantity of 35,610 square feet (sf) at the Contract Unit Price of \$1.50/sf as provided in the Contractor's Proposal.
- o Bid Item #23 Construct 12" Thick Class III Base – Optional Alternative Bid Item and associated quantity of 35,610 square feet (sf) is deleted from the Contract.

Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 102,972.76

Fifteen (15) additional working days have been added to the contract due to this Change Order.

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_  
By: \_\_\_\_\_

Contractor: \_\_\_\_\_  
Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.



**RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES**

**Project: 2016 Site Maintenance and Improvements at the Badlands Landfills Sheet 10 of 11**

**CONTRACT CHANGE ORDER NO. 2**

**To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.**

**NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.**

**Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:**

**COST SUMMARY**

| Item of Work  | Unit | Quantity | Unit Price (\$)                 | Total Cost (\$)                     |
|---|------|----------|---------------------------------|-------------------------------------|
| 4" thick A.C. Downdrain                             | SF   | 335      | \$30.00                         | \$10,050.00                         |
| Type 'A' A.C. Dike                                  | LF   | 20       | \$70.00                         | \$1,400.00                          |
| Rumble Racks  | EA   | 6        | \$4,900.00                      | \$29,400.00                         |
| Widening of area adjacent to Eastern Drainage Inlet | LS   | 1        | \$28,740.00                     | \$28,740.00                         |
| Construct A.C. Access Road                          | SF   | 1,580    | \$11.00                         | \$17,380.00                         |
| Type 'D' A.C. Dike                                  | LF   | 40       | \$52.00                         | \$2,080.00                          |
| Time and Materials                                  | LS   | 1        | \$55,775.00                     | \$55,775.00                         |
| Construct Rock Berm                                 | LF   | 371      | <del>\$188.00</del><br>\$257.56 | <del>\$69,748.00</del><br>95,554.76 |
| Construct 12" thick Class III Base                  | SF   | 35,610 0 | \$1.90                          | -\$67,659.00                        |
| <b>Total:</b>                                       |      |          |                                 | <b>\$102,972.76</b>                 |

**Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 102,972.76**

**Fifteen (15) additional working days have been added to the contract due to this Change Order.**

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

**General Manager-Chief Engineer  
Department of Waste Resources**

**We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.**

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_ Contractor: \_\_\_\_\_  
By: \_\_\_\_\_ Title: \_\_\_\_\_

**If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.**

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Project: 2016 Site Maintenance and Improvements at the Badlands Landfills Sheet 11 of 11

CONTRACT CHANGE ORDER NO. 2

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE DEPARTMENT OF WASTE RESOURCES AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

Attachments:

1. Change Order (CO) #2 Project Drawings

Cost: Decrease - \$ \_\_\_\_\_ or Increase \$ 102,972.76

Fifteen (15) additional working days have been added to the contract due to this Change Order.

Submitted by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

General Manager-Chief Engineer  
Department of Waste Resources

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.