

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



ITEM: 3.36
(ID # 19383)

MEETING DATE:
Tuesday, November 08, 2022

FROM : TLMA-TRANSPORTATION:

SUBJECT: TRANSPORTATION AND LAND MANAGEMENT AGENCY/TRANSPORTATION:
Approve Contract Change Order Nos. 5 and 8 – Between the County of Riverside and Granite Construction Company for the Construction of Jurupa Road/Union Pacific Railroad Grade Separation Project, District 2. [\$1,345,198 Total Cost – State Funds 100%]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve Contract Change Order Nos. 5 and 8 with Granite Construction Company on the Jurupa Road/Union Pacific Railroad Grade Separation Project and authorize the Chair of the Board to execute the same; and
2. Authorize the Transportation Department to issue Contract Change Order Nos. 5 and 8 with Granite Construction Company on the Jurupa Road/Union Pacific Railroad Grade Separation Project.

ACTION:Policy


Mark Lancaster, Director of Transportation 10/19/2022

MINUTES OF THE BOARD OF SUPERVISORS

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

Ayes: Jeffries, Spiegel, Washington, Hewitt, and Perez
Nays: None
Absent: None
Date: November 8, 2022
xc: Trans.

Kecia R. Harper
Clerk of the Board

By: 
Deputy

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

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 1,345,198	\$ 0	\$ 1,345,198	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: SB-132 (100%). There are no General Funds used in this project.			Budget Adjustment:	No
			For Fiscal Year:	22/23

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

By Minute Order 3.43 of July 20, 2021, the Board of Supervisors entered into a contract with Granite Construction Company of Indio, California for the construction of the Jurupa Road/ Union Pacific Railroad Grade Separation Project in the City of Jurupa Valley.

The authorized amount of the contract was \$64,790,010. The total amount of the Contract Change Order No. 5 is \$706,750 (1.09% of the original contract amount) and the total amount of Contract Change Order 8 is \$638,449 (0.99% of the original contract amount), which exceeds the maximum change order amount that can be authorized by the Director of Transportation and requires Board of Supervisors approval in accordance with Resolution No. 2019-035.

Contract Change Order No. 5 was required to meet the Storm Water Pollution Prevention Plan (SWPPP) Risk Level 2 compliance. The project originally was determined to be a Risk Level 1. However, during review of the contractor's SWPPP, it was determined that a Risk Level 2 was necessary. Risk Level 2 projects require extensive level of monitoring, review and implementation of best management practices as mandated by the State Water Board. This change was warranted to keep the project in compliance with the Construction General Permit.

Contract Change Order No. 8 was necessary for removal and disposal of contaminated soil material encountered during the excavations of a 66-inch storm drain at Jurupa Road/Hill Place, Jurupa Road UC (BR-2) Abutment No. 2 (Stage 1) and Retaining Wall No. 34. Additional costs were incurred to remove, stockpile, protect and for proper disposal of the contaminated material.

Not including these Contract Change Orders, the Transportation Department has issued 5 Contract Change Orders to date totaling, \$200,686 (0.31% of the original contract amount), which was the result of:

- Lead and asbestos material disposal: \$39,456
- Storm Drain redesign: \$25,230
- Differing site conditions, buried man-made objects and miscellaneous extra work: \$100,000
- Establish Dispute Resolution Board (DRB): \$36,000

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

Impact on Residents and Businesses

The project will provide uninterrupted and efficient access for motorists, residents, businesses, pedestrians and emergency vehicles in the area. Additionally, the project will eliminate conflicts between railroad operations and vehicular traffic.

Additional Fiscal Information

Contract Change Order Nos. 5 and 8 bring the total current authorized contract change order amount to \$1,545,885 which is 2.39% over the originally authorized contract amount of \$64,790,010.

ATTACHMENTS:

Change Order Report
Vicinity Map
Letter of Transmittal



Jason Farin, Principal Management Analyst 11/2/2022



Kristine Bell-Valdez, Supervising Deputy County Counsel 10/31/2022

LETTER OF TRANSMITTAL

**Local Agency: County of Riverside
Transportation Department**

DATE: September 13, 2022

**File: Jurupa Road/Union Pacific
Grade Separation Project
In the City of Jurupa Valley**

W.O. No.: C8-0060

State-Federal No.: SB132L 6054 (086)

C.C.O.: 8

TO: Mark Lancaster

From: Cindi Wachi

\$638,448.50 (0.99% of the original contract amount of \$64,790,010.00)

This contract change order is for removal and disposal of contaminated material encountered during pipe and structure excavation. This change order compensates the contractor for the additional costs incurred to remove, stockpile, protect, test and proper disposal of the contaminated material.

Locations of contaminated material encountered during excavation include the 66-in storm drain at Jurupa Road/Hill Place, Jurupa Road UC (BR-2) Abutment No. 2 (Stage 1) And Retaining Wall No. 34 from approximate Sta 12+88 to Sta 13+84.

Identification of the encountered materials were based on visual examination and/or manual tests (please see attached reports). The contaminated material meets the hazardous substances requirements per the contract provisions as defined in Section 25914.1 of the Health and Safety Code. In conformance with §25914.1 of the Health and Safety Code, removal of hazardous substances including exploratory work to identify and determine the extent of the hazardous substance will be performed as Extra Work.

Bid Item No. 21, "Structural Excavation (Retaining Wall)," is a final pay contract item and is reduced by 1,283.50CY. Since this is paid at Extra Work Force Account, it will not be included in a Contract Item adjustment if this item work is ultimately decreased by more than 25% of the Engineer's estimate. The current underrun of Item No. 21 due to this work is 9.66%.

The contractor submitted their proposed cost. The County reviewed and performed an Independent Cost Analysis. Final costs will be determined after all extra work bills are reviewed and paid. All documentation is attached and in the project files.

File: Jurupa Road/Union Pacific Grade Separation Project
In the City of Jurupa Valley
W.O. No.: C8-0060
C.C.O. No. 8
Page 2

The amount of this Contract Change Order is \$638,448.50. The accumulation of all Contract Change Orders thus far, including this one, is \$1,545,884.90.

Previous Contract Change Order Amounts Approved:

See C.C.O. History \$907,436.40
 (attached)

This Contract Change Order was discussed with County Staff and they gave their concurrence to this change.

Adjustment of Time: 0 working days

ESTIMATE OF COST	
Items	(\$11,551.50)
Force Account	\$650,000.00
Agreed Price	\$0.00
Adjustment	\$0.00
TOTAL	\$638.448.50

Cindi A. Wachi

Cindi Wachi
 Engineering Division Manger

Joseph Smith

Joseph Smith
 Resident Engineer

CCO Category		
AFA	Anticipated Force Account	
CFC	Changed Field Condition	X
CME	Contract Management Error	
DO	Design Omission	
OAM	Outside Agency Mandate	
RWO	Right-of-Way Obligation	
SE	Survey Error	
UB	Upgrade/Betterment	
UI	Utility Interference	



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

SHEET 1 OF 1 SHEETS

Contract Change Order No. 008

CONTRACT: Jurupa Road/Union Pacific Railroad
Grade Separation Project
In the City of Jurupa Valley

WORK ORDER NO. C8-0060
CALTRANS EA NO. N/A
LOCAL-FED AID NO. N/A
STATE-FED AID NO. SB132L 6054 (086)

TO: Granite Construction Company CONTRACTOR: YOU ARE HEREBY DIRECTED TO MAKE THE HEREIN DESCRIBED CHANGES FROM THE PLANS AND SPECIFICATIONS OR DO THE FOLLOWING DESCRIBED WORK NOT INCLUDED IN THE PLANS AND SPECIFICATIONS ON THIS CONTRACT.

Description of work to be done, estimate of quantities and prices to be paid, Segregated between additional work at contract price, agreed price and force account. 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.

Estimate of Extra Work at Force Account:

As directed by the Engineer and in accordance with Section 29, "Removal of Asbestos and Hazardous Substances," of the General Conditions and Section 9-1.04, "Force Account," of the Standard Specifications, compensate the contractor for additional costs incurred for removing, stockpiling, protecting, testing and properly disposing of the contaminated material encountered during the excavations of the 66-in storm drain at Jurupa Road/Hill Place, Jurupa Road UC (BR-2) Abutment No. 2, and Retaining Wall No. 34 for Stage 1 work.

As determined by the Engineer, provide all additional labor, material, equipment, tools, and incidentals to remove and dispose of the contaminated soil encountered at Jurupa Road/Hill Place, Jurupa Rd UC (BR-2) Abutment No. 2 and Retaining Wall No. 34. All work shall be done in accordance with the contract documents.

Estimate of Force Account Work = \$650,000.00

Decrease of Bid Item at Bid Item Price:

Item No. 21 (F) - Structural Excavation (Retaining Wall): -1,283.50CY (-9.66%) at \$9.00/CY = (\$11,551.50) (-9.66%)

There will be no adjustments for Bid Item No. 21, "Structural Excavation (Retaining Wall)," in accordance with Section 9-1.06, "Changed Quantity Payment Adjustments," of the Standard Specifications by reason of this change order.

Decrease of Bid Item at Bid Item Price = (\$11,551.50)

This change order does not affect the controlling activity. Therefore, no time adjustment is warranted.

Estimated Cost: Decrease \$ Increase \$ 638,448.50

Participating: Yes: [x] No: [] N/A: []

WE, the undersigned contractor, have given careful consideration to the change proposed and hereby agree that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above. By reason of this proposed change 0 days adjustment of time will be allowed.

Cindi A. Wachi 08/16/2022
Approval Recommended Date
Cindi Wachi, Engineering Division Manager

Mark Lancaster 9/21/2022
Approved Date
Mark Lancaster, Director of Transportation

Jeff Hewitt 11/08/2022
Approved Date
Chairman, Riverside County Board of Supervisors

Muin Mustafa
Accepted Granite Construction Date

NOTE: This change order is not effective until approved by County. If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest with the time therein specified.

ATTEST:
KECIA R. HARPER, Clerk
By Cindy Jaramila DEPUTY

FORM APPROVED COUNTY COUNSEL
BY: DANIELLE D. MALAND

Jurupa Road Grade Separation Project

Contract CCO History

Contract No. 21-05-013
 Work Order No. C8-0060, SB132L 6054(086)
 Contract Amount \$64,790,010.00

Single Maximum CCO \$210,000.00
 Maximum CCO's \$6,479,001.00

CCO Category Legend	
AFA	Anticipated Force Account
CFC	Changed Field Condition
CME	Contract Management Error
DO	Design Omission
OAM	Outside Agency Mandate
RWO	Right-of-Way Obligation
SE	Survey Error
UB	Upgrade/Betterment
UI	Utility Interference

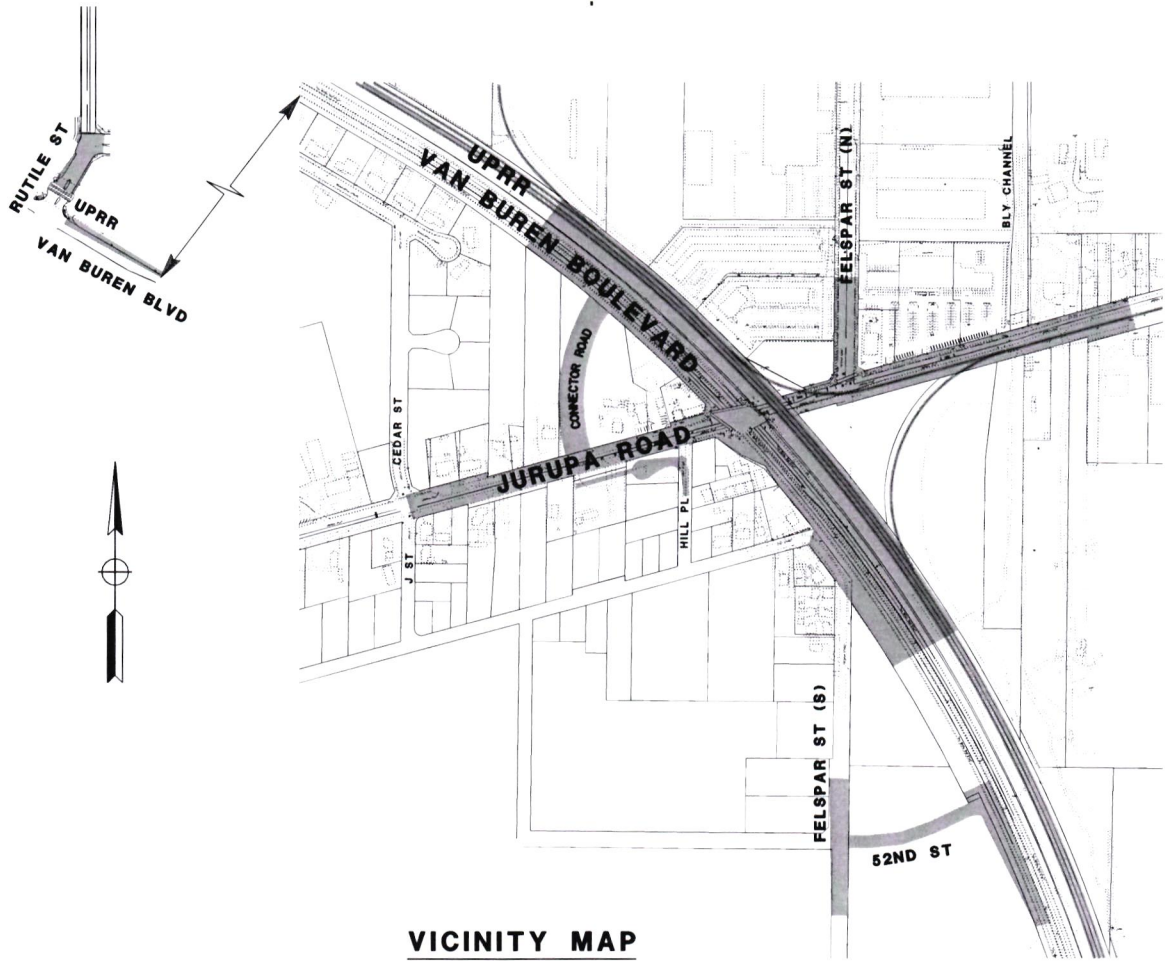
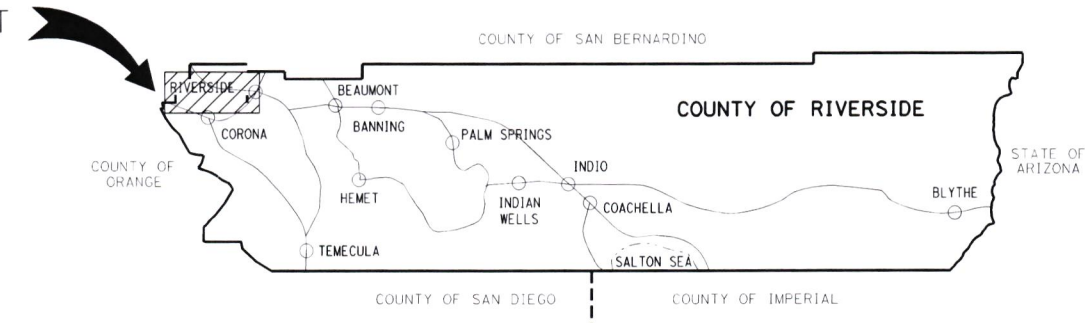
CCO No.	Amount This CCO	Authority	Cumulative CCO's	% Original Authorized	Cumulative CCO %	CCO Category	Classification
1	\$39,455.90	Director	\$39,455.90	0.06%	0.06%	DO	Avoidable
2	\$0.00	Director	\$39,455.90	0.00%	0.06%	CFC	Unavoidable
4	\$100,000.00	Director	\$139,455.90	0.15%	0.22%	AFA	Unavoidable
3	\$25,230.90	Director	\$164,686.80	0.04%	0.25%	UI	Unavoidable
6	\$36,000.00	Director	\$200,686.80	0.06%	0.31%	CFC	Unavoidable
5	\$706,749.60	Board	\$907,436.40	1.09%	1.40%	CFC	Unavoidable
8	\$638,448.50	Board	\$1,545,884.90	0.99%	2.39%	CFC	Unavoidable
			\$1,545,884.90	2.39%			

New Authorized Contract Total	\$66,335,894.90
Total CCO Dollars To Date	\$1,545,884.90
Total % Increased by CCO's	2.39%

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

**JURUPA ROAD / UNION PACIFIC RAILROAD
GRADE SEPARATION PROJECT
IN THE CITY OF JURUPA VALLEY
PROJECT No. C8-0060
STATE PROJECT No. - SB132L 6054 (086)**

PROJECT
SITE



VICINITY MAP

NO SCALE

CHANGE ORDER REPORT
(Jurupa Road/ Union Pacific Railroad Grade Separation Project)

CCO #	Amount	Percent	Description
	Original Contract Amount \$64,790,010		
1	\$39,456	0.06%	Abatement and proper disposal of hazardous lead and asbestos construction materials associated with demolition of properties located in Jurupa Rd. Lead and asbestos report was not included in the bid documents.
2	\$0.00	0%	Modification of retaining walls to be in accordance with the Division of Construction Memorandum CPD 06-7.
3	\$25,230	0.04%	Redesign of the 36-inch reinforced concrete pipe (RCP) storm drain within Connector Road was needed to avoid utility conflicts to keep the project on schedule.
4	\$100,000	0.15%	Extra work regarding differing site conditions, buried man-made objects and miscellaneous extra work.
6	\$36,000	0.06%	Established a Dispute Resolution Board (DRB), a three-member board established by the Department and contractor to assist in the resolution of disputes.
Authorized Change Orders	\$200,686	0.31%	
5	706,750	1.09%	A sediment risk calculation error was made causing the project to change from Risk Level 1 to Risk Level 2, to keep the project in compliance with the Construction General Permit.
8	\$638,449	0.99%	Removal and disposal of contaminated soil material at Jurupa Road/Hill Place and Jurupa Road UC (BR-2) Abutment No. 2 (Stage 1).
Total Change Orders	\$1,545,885	2.39%	
Revised Contract Amount	\$66,335,895		

LETTER OF TRANSMITTAL

**Local Agency: County of Riverside
Transportation Department**

DATE: June 1, 2022

**File: Jurupa Road/Union Pacific
Grade Separation Project
In the City of Jurupa Valley
W.O. No.: C8-0060
State-Federal No.: SB132L 6054 (086)
C.C.O.: 5**

TO: Mark Lancaster

From: Cindi Wachi

\$706,749.60 (1.09% of the original contract amount of \$64,790,010.00)

This contract change order compensates the contractor for the change from Risk Level 1 to Risk Level 2 of the Construction General Permit.

Section 13 WATER POLLUTION CONTROL of the Special Provisions indicates this project is a Risk Level 1 under the Construction General Permit. However, during the review of the contractor's Stormwater Pollution Plan and Monitoring Program (SWPPP), the County noted an error in the risk calculation used for sediment risk and in the NPDES memorandum.

This change order is warranted to keep the project in compliance with the Construction General Permit and was therefore, enacted after bid acceptance. The County's NPDES Coordinator, Jan Bulinski, agrees with this change. The change in risk level is also supported by the calculations produced by the project's SWPPP coordinator, Dion Castro.

The contractor submitted their proposed cost. The County reviewed and performed an Independent Cost Analysis and agreed on various unit price items with remainder of added work to be done at force account. All documentation is in the project files.

The amount of this Contract Change Order is approximately \$706,749.60. Final costs will be determined after all items are measured, and extra work bills are reviewed and paid.

The amount of this Contract Change Order is \$706,749.60. The accumulation of all Contract Change Orders thus far, including this one, is \$907,436.40.

NOV 8 2022 3.34

**File: Jurupa Road/Union Pacific Grade Separation Project
 In the City of Jurupa Valley
 W.O. No.: C8-0060
 C.C.O. No. 5
 Page 2**

Previous Contract Change Order Amounts Approved:

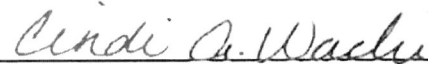
See C.C.O. History \$200,686.80
 (attached)

This Contract Change Order was discussed with County Staff and they gave their concurrence to this change.

Adjustment of Time: 0 working days

ESTIMATE OF COST

Items	\$0.00
Force Account	\$300,000.00
Agreed Price	\$406,749.60
Adjustment	\$0.00
TOTAL	\$706,749.60



Cindi Wachi
 Engineering Division Manger



Joseph Smith
 Resident Engineer

CCO Category		
AFA	Anticipated Force Account	
CFC	Changed Field Condition	
CME	Contract Management Error	
DO	Design Omission	X
OAM	Outside Agency Mandate	
RWO	Right-of-Way Obligation	
SE	Survey Error	
UB	Upgrade/Betterment	
UI	Utility Interference	



**COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT**

SHEET 1 OF 2 SHEETS

Contract Change Order No. 5

CONTRACT: **Jurupa Road/Union Pacific Railroad
Grade Separation Project
In the City of Jurupa Valley**

WORK ORDER NO.	C8-0060
CALTRANS EA NO.	N/A
LOCAL-FED AID NO.	N/A
STATE-FED AID NO.	SB132L 6054 (086)

TO: Granite Construction Company CONTRACTOR: YOU ARE HEREBY DIRECTED TO MAKE THE HEREIN DESCRIBED CHANGES FROM THE PLANS AND SPECIFICATIONS OR DO THE FOLLOWING DESCRIBED WORK NOT INCLUDED IN THE PLANS AND SPECIFICATIONS ON THIS CONTRACT.

Description of work to be done, estimate of quantities and prices to be paid. Segregated between additional work at contract price, agreed price and force account. 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.

Estimate of Extra Work at Agreed Unit Price:

In accordance with Section 4-1.05, "Changes and Extra Work," of the Standard Specifications, the contractor shall provide SWPPP Risk Level 2 in lieu of Risk Level 1. Perform all work in accordance with Section 13, "Water Pollution Control," of the Standard Specifications and contract documents.

The following items of work shall be paid at the listed agreed unit price.

BID ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	AMOUNT
10	Prepare Storm Water Pollution Prevention Plan	LS	1	\$5,000.00	\$5,000.00
10.A	Rain Event Action Plan	EA	50	\$300.00	\$15,000.00
10.B	Move-in/Move-out Temporary Erosion Control	EA	6	\$1,005.00	\$6,030.00
10.C	Storm Water Sampling and Analysis (per day)	EA	50	\$825.00	\$41,250.00
10.D	Silt Fence (any additional as required per RL2)	LF	20,267	\$8.50	\$172,269.50
10.E	Fiber Rolls	LF	11,784	\$9.25	\$108,002.00
10.F	Hydromulch (Soil Binder)	SQYD	22,910	\$0.91	\$20,848.10
10.G	Temporary Cover	SQYD	9,000	\$4.15	\$37,350.00
	TOTAL				\$406,749.60

This sum constitutes full and complete compensation for furnishing all labor, material, equipment, tools, and incidentals including all markups by reason of this change.

Total Estimate of Extra Work at Agreed Unit Price = **\$406,749.60**

This change order does not affect the controlling activity. No time adjustment is warranted.



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

SHEET 2 OF 2 SHEETS

Contract Change Order No. 5

CONTRACT: Jurupa Road/Union Pacific Railroad
Grade Separation Project
In the City of Jurupa Valley

WORK ORDER NO. C8-0060
CALTRANS EA NO. N/A
LOCAL-FED AID NO. N/A
STATE-FED AID NO. SB132L 6054 (086)

TO: Granite Construction Company CONTRACTOR: YOU ARE HEREBY DIRECTED TO MAKE THE HEREIN DESCRIBED CHANGES FROM THE PLANS AND SPECIFICATIONS OR DO THE FOLLOWING DESCRIBED WORK NOT INCLUDED IN THE PLANS AND SPECIFICATIONS ON THIS CONTRACT.

Description of work to be done, estimate of quantities and prices to be paid. Segregated between additional work at contract price, agreed price and force account. 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.

Estimate of Extra Work at Force Account:

As directed by the Engineer and in accordance with Section 9-1.04, "Force Account," of the Standard Specifications, compensate the contractor for the costs to be incurred for the additional maintenance as described below and as required to meet SWPPP Risk Level 2 compliance.

Table with 3 columns: BID ITEM, DESCRIPTION, FREQUENCY. Rows include 10.H Jobsite Management/Maintenance, 10.H.1 Street Sweeping, 10.H.2 Inlet Protection, 10.H.3 Maintenance of Silt Fence, 10.H.4 Maintenance of Fiber Rolls.

As determined necessary by the Engineer, provide all additional labor, material, equipment, tools, and Incidentals for jobsite management and maintenance. All work shall be done in accordance with Section 13, "Water Pollution Control," of the Standard Specifications and contract documents.

Total Estimate of Extra Work at Force Account = \$300,000.00

This change order does not affect the controlling activity. No time adjustment is warranted.

Estimated Cost: Decrease \$ Increase \$706,749.60

Participating: Yes: [X] No: [] N/A: []

WE, the undersigned contractor, have given careful consideration to the change proposed and hereby agree that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above. By reason of this proposed change 0 days adjustment of time will be allowed.

Accepted [Signature] Granite Construction Date 5-13-2022

NOTE: This change order is not effective until approved by County. If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest with the time therein specified.

[Signature] Cindi A. Wachi 05/12/2022
Approval Recommended
Cindi Wachi, Engineering Division Manager Date

[Signature] Mark Lancaster 6/9/2022
Approved
Mark Lancaster, Director of Transportation Date

[Signature] Jeff Hewitt 11/8/22
Approved
Chairman, Riverside County Board of Supervisors Date
JEFF HEWITT

ATTEST:
KECIA R. HARPER, Clerk
By [Signature] DEPUTY

FORM APPROVED COUNTY COUNSEL
BY: [Signature] DANIELLE D. MALAND

NOV 8 2022 3.36

Jurupa Road Grade Separation Project
Contract CCO History

Contract No. 21-05-013
 Work Order No. C8-0060, SB132L 6054(086)
 Contract Amount \$64,790,010.00

Single Maximum CCO \$210,000.00
 Maximum CCO's \$6,479,001.00

CCO Category Legend	
AFA	Anticipated Force Account
CFC	Changed Field Condition
CME	Contract Management Error
DO	Design Omission
OAM	Outside Agency Mandate
RWO	Right-of-Way Obligation
SE	Survey Error
UB	Upgrade/Betterment
UI	Utility Interference

CCO No.	Amount This CCO	Authority	Cumulative CCO's	% Original Authorized	Cumulative CCO %	CCO Category	Classification
1	\$39,455.90	Director	\$39,455.90	0.06%	0.06%	DO	Avoidable
2	\$0.00	Director	\$39,455.90	0.00%	0.06%	CFC	Unavoidable
4	\$100,000.00	Director	\$139,455.90	0.15%	0.22%	AFA	Unavoidable
3	\$25,230.90	Director	\$164,686.80	0.04%	0.25%	UI	Unavoidable
6	\$36,000.00	Director	\$200,686.80	0.06%	0.31%	CFC	Unavoidable
5	\$706,749.60	Board	\$907,436.40	1.09%	1.40%	CFC	Unavoidable
\$907,436.40				1.40%			

New Authorized Contract Total \$65,697,446.40
 Total CCO Dollars To Date \$907,436.40
 Total % Increased by CCO's 1.40%