

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



ITEM: 3.52
(ID # 20206)

MEETING DATE:

Tuesday, December 13, 2022

FROM : TLMA-TRANSPORTATION:

SUBJECT: TRANSPORTATION AND LAND MANAGEMENT AGENCY/TRANSPORTATION:
Approve Contract Change Order Nos. 1 and 2 – Between the County of Riverside and Security Paving Company, Inc. for the Construction of the Clinton Keith Road Construction Project, Phase 3, District 3. [\$2,282,090 Total Cost - Local Funds 100%]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve Contract Change Order Nos. 1 and 2 with Security Paving Company, Inc. for the Construction of the Clinton Keith Road Construction Project, Phase 3 and authorize the Chair of the Board to execute the same; and authorize the Chair of the Board to execute the same; and
2. Authorize the Transportation Department to issue Contract Change Order Nos. 1 and 2 with Security Paving Company, Inc. for the Construction of the Clinton Keith Road Construction Project, Phase 3.

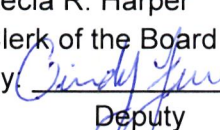
ACTION:Policy


Mark Lancaster, Director of Transportation 11/23/2022

MINUTES OF THE BOARD OF SUPERVISORS

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

Ayes: Jeffries, Spiegel, Washington, and Hewitt
Nays: None
Absent: Perez
Date: December 13, 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 | \$ 2,282,090 | \$ 0 | \$ 2,282,090 | \$ 0 |
| NET COUNTY COST | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| SOURCE OF FUNDS: CFD 07-2 Clinton Keith Road (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 January 11, 2022, the Board of Supervisors entered into a contract with Security Paving Company, Inc. for the Construction of the Clinton Keith Road Construction Project, Phase 3.

The authorized amount of the contract was \$23,659,634. The total amount of the Contract Change Order No. 1 is \$850,000 (3.59% of the original contract amount) and the total amount of Contract Change Order No. 2 is \$1,432,090 (6.05% 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. 1 is necessary due to differing site conditions located at the French Valley Creek bridge structure. Unsuitable material and surface groundwater were encountered making it impossible to construct the French Valley Creek bridge structure. To stabilize the area, unsuitable material will be over-excavated to a depth of 5 feet and replaced with 3 feet of 3-inch rock, geogrid fabric and 2 feet of aggregate base.

Contract Change Order No. 2 is necessary to stabilize the subgrade at the "Unnamed Creek" arch culvert due to high groundwater. To avoid construction delays associated with redesigning the arch culvert foundation system and obtaining a revised environmental permit for a dewatering operation, a deep soil mixing subgrade enhancement process will be performed to stabilize the subgrade.

Impact on Residents and Businesses

The project will enhance public safety and improve traffic circulation for local residents and businesses.

Additional Fiscal Information

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

Contract Change Order Nos. 1 and 2 bring the total current authorized contract change order amount to \$2,282,090, which is 9.65% over the originally authorized contract amount of \$23,659,634.

ATTACHMENTS:

Change Order Report

Vicinity Map

Letter of Transmittal CCO 1

Letter of Transmittal CCO 2



Jason Farin, Principal Management Analyst 12/7/2022

LETTER OF TRANSMITTAL

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

DATE: November 9, 2022

**File: Clinton Keith Road Construction
Project Phase 3**

W.O. No.: B2-04723, D1-0054

C.C.O.: 2

TO: Mark Lancaster

From: Cindi Wachi

\$1,432,090 (6.05% of the original contract amount of \$23,659,633.76)

This contract change order compensates the Contractor for additional costs incurred due to differing site conditions at the "Unnamed Creek" arch culvert bridge structure. The arch culvert bridge structure was designed to be constructed on spread footings, on competent material, approximately 6 feet below the original ground surface elevation. During construction it was discovered that competent material does not occur until approximately 13 feet below the original ground surface elevation and the spread footing would be impacted by ground water discovered at the bottom of the footing elevation. To avoid costly project delays, redesign of the foundation system, and obtaining lengthy revised environmental permits for a dewatering operation, it was recommended that a deep soil mixing subgrade enhancement process be performed to stabilize the subgrade to construct the structure per plan.

The amount of this Contract Change Order is \$1,432,090. The accumulation of all Contract Change Orders thus far, including this one, is \$2,282,090.

Previous Contract Change Order Amounts Approved:

See C.C.O. History
(attached)

\$0.00

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File: Clinton Keith Road Construction Project Phase 3
W.O. No.: B2-04723, D1-0054
C.C.O. No.: 2
Page 2

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 | |
| Force Account | |
| Agreed Price | \$1,432,090.00 |
| Adjustment | |
| TOTAL | \$1,432,090.00 |

Cindi A. Wachi

Cindi Wachi
 Engineering Division Manger

| CCO Category | | |
|--------------|---------------------------|---|
| 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 | |



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

SHEET 1 OF 1 SHEETS

Contract Change Order No. 1

CONTRACT: Clinton Keith Road Construction Project, Phase 3
WORK ORDER NO. B2-04723
CALTRANS EA NO.
LOCAL-FED AID NO.
STATE-FED AID NO.

TO: Security Paving Company, Inc. 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 4-1.06, "Differing Site Conditions," and Section 9-1.04, "Force Account," of the Standard Specifications, compensate the Contractor for costs incurred due to differing site conditions, at the French Valley Creek Bridge structures. As determined by the Engineer, provide all labor, equipment, tools, and incidentals required to remediate the soil in accordance with the procedure below:

- 1. Over excavate a minimum of 5 feet below existing grade.
- 2. Place a minimum of 3 foot of 3" rock
- 3. Place Biaxial Geogrid in accordance with 19-10 Subgrade Enhancement Geogrid
- 4. Place a minimum of 2 foot of crushed aggregate base and compact.

Total Estimate of Extra Work at Force Account \$850,000.00

Estimated Cost: Decrease \$ Increase \$850,000.00

Participating: Yes: 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]* 10-11-22
Security Paving Company, Inc. 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.

Cindi A. Wachl 09/14/2022
Approval Recommended Date
Cindi Wachl, Engineering Division Manager

Mark Lancaster 11/10/2022
Approved Date
Mark Lancaster, Director of Transportation

Jeff Hewitt 12/13/22
Approved Date
Chairman, Riverside County Board of Supervisors

JEFF HEWITT

RD FORM 77 (Rev 9/13)

ATTEST:
KECIA R. HARPER, Clerk
By *Cindy Fandy*
DEPUTY

FORM APPROVED COUNTY COUNSEL
[Signature]
DANIELLE D. WALAND

DEC 13 2022

352

October 18, 2022



TO: County of Riverside
Transportation Department
29500 Washington Street
Riverside, CA 92504

ATT: Mr. David Hykelma, RE

File: CKR Phase 3
Project: B2-04723 & D1-0054
Contract No: 21-11-06
SPCI Job No.: 412

**Re: Cost Proposal: Double Arch Culvert Soil
Stabilization (Deep Soil Mixing)**

SPCI No. 006

Gentlemen,

As discussed, we hereby submit this revised lump sum proposal to perform Deep Soil Mixing at the Double Arch Structure to stabilize the existing soil, per attached quote from Advanced Geosolutions Incorporated (AGI), for \$1,190,000.00, and request a contract change order be issued for \$1,432,090.00 for compensation.

| | |
|---|------------------------|
| • AGI Proposal : | \$ 1,190,000.00 |
| • AGI Bond: | \$ 11,900.00 |
| • Subcontractor Markup: | \$ 120,190.00 |
| • Security Paving Grading Pad: | \$ 22,990.06 |
| • Daily Support (Dust Control, Spoil Removal, Supervision): | \$ 77,009.94 |
| • Furnish Water: | \$ 10,000.00 |
| ▪ Total: | <u>\$ 1,432,090.00</u> |

Please note that this is based on working 10 hour days, 5 days per week, for 5 weeks, starting late October, to complete all the work, additional days will require added support costs and a commensurate time extension caused by reasons beyond our control. We will need a change order prior to executing a subcontract to AGI.

Includes:

- 1 each AGI Mobilization
- Wet Bulk Sampling per AGI's quote

Exclusions:

- Quality Control/Assurance Testing
- Permits
- AGI Listed Exclusions

3075 Townsgate Road, Westlake Village, CA 91361
Tel: 818-362-9200

License No.: 116307

- Survey
- Extra Mobilizations for AGI are \$165,000.00 Each, including Markups.

If you have any questions, please do not hesitate to contact me or our Project Manager, Mr. Frank Riggins.

Please advise.

Sincerely,

Ezam Khazeni

Ezam Khazeni, PE
Area Manager

Attachment: AGI Letter
cc: EK , Ward Maxwell, file

Clinton Kieth Road Construction Project Phase 3 and
Max Gillis Blvd. and Leon Rd. to SR 79

Contract CCO History

Contract No. 21-11-006
Work Order No. B2-04723 and D1-0054
Contract Amount \$23,659,633.76

Single Maximum CCO \$210,000.00
Maximum CCO's \$2,365,963.38

| 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 | \$850,000.00 | Board | \$850,000.00 | 3.59% | 3.59% | CFC | Unavoidable |
| 2 | \$1,432,090.00 | Board | \$2,282,090.00 | 6.05% | 9.65% | CFC | Unavoidable |
| \$2,282,090.00 | | | | 9.65% | | | |

New Authorized Contract Total \$25,941,723.76
Total CCO Dollars To Date \$2,282,090.00
Total % Increased by CCO's 9.65%

LETTER OF TRANSMITTAL

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

DATE: November 9, 2022

**File: Clinton Keith Road Construction
Project Phase 3**

W.O. No.: B2-04723, D1-0054

C.C.O.: 1

TO: Mark Lancaster

From: Cindi Wachi

\$850,000 (3.59% of the original contract amount of \$23,659,633.76)

This contract change order provides compensation to the Contractor for costs incurred due to differing site conditions encountered at the French Valley Creek bridge structure. During construction, the contractor encountered unsuitable material and surface ground water at French Valley Creek making it impossible to access the channel to construct the bridge structure per the approved plans. To stabilize the working area to construct the bridge per the approved plans, the Project Design Engineer recommended that the contractor over-excavate the unsuitable material to a depth of 5 feet and place 3 feet of aggregate base over geogrid fabric and 2 feet of 3-inch rock.

The amount of this Contract Change Order is \$850,000. The accumulation of all Contract Change Orders thus far, including this one, is \$850,000.

Previous Contract Change Order Amounts Approved:

See C.C.O. History
(attached)

\$0.00

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File: Clinton Keith Road Construction Project Phase 3
W.O. No.: B2-04723, D1-0054
C.C.O. No.: 1
Page 2

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 | |
| Force Account | \$850,000 |
| Agreed Price | |
| Adjustment | |
| TOTAL | \$850,000 |

Cindi A. Wachi

Cindi Wachi

Engineering Division Manger

| CCO Category | | |
|--------------|---------------------------|---|
| AFA | Anticipated Force Account | |
| CFC | Changed Field Condition | √ |
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| UB | Upgrade/Betterment | |
| UI | Utility Interference | |



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

SHEET 1 OF 1 SHEETS

Contract Change Order No. 2

CONTRACT: **Clinton Keith Road Construction Project,
Phase 3**

WORK ORDER NO. B2-04723
CALTRANS EA NO. _____
LOCAL-FED AID NO. _____
STATE-FED AID NO. _____

TO: Security Paving Company, Inc 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 Price:

As directed by the Engineer and in accordance with Section 4-1.06 "Differing Site Conditions" and Section 9-1.03 "Payment Scope" of the Standard Specifications, compensate the Contractor for cost to address the differing site conditions at the "Unnamed Creek" arch culvert. As determined by the Engineer, provide all labor, equipment, tools, materials, and incidentals required to mediate the soil in accordance with the below:

- Installation of 8-foot and/or 6-foot diameter Deep Soil Mixing (DSM) columns, extending the full width, up to a minimum of 4' outside the proposed footings for the arch culvert per the attached proposal by Advanced Geosolutions INC (AGI).
- Contractor to provide site preparation for AGI, excess DSM spoil removal, dust control, and water supply during the DSM operation. Contractor is responsible for the workability of the final DSM ground improvement after completion of AGI's work, including the arch culvert foundation installation and any associated ancillary work.

See attachments A and B, correspondence from Security Paving with supporting proposal from AGI.

Total Estimate of Extra Work at Agreed Price **\$1,432,090.00**

Estimated Cost: Decrease \$ Increase \$1,432,090.00

Participating: Yes: 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] 10-21-22
Security Paving Company, Inc. 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.

Cindi A. Wachl 10/20/2022
Approval Recommended Date
Cindi Wachl, Engineering Division Manager

Mark Lancaster 11/10/2022
Approved Date
Mark Lancaster, Director of Transportation

Jeff Hewitt 12/13/22
Approved Date
Chairman, Riverside County Board of Supervisors

JEFF HEWITT

RD FORM 77 (Rev 01/01)

ATTEST:
KECIA R. HARPER, Clerk

By [Signature]
DEPUTY

FORM APPROVED COUNTY COUNSEL

BY: [Signature]
DANIELLE D. MALAND

DEC 13 2022

352

Clinton Kieth Road Construction Project Phase 3 and
Max Gillis Blvd. and Leon Rd. to SR 79

Contract CCO History

Contract No. 21-11-006
Work Order No. B2-04723 and D1-0054
Contract Amount \$23,659,633.76

Single Maximum CCO \$210,000.00
Maximum CCO's \$2,365,963.38

| CCO Category Legend | |
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| 1 | \$850,000.00 | Board | \$850,000.00 | 3.59% | 3.59% | CFC | Unavoidable |
| | \$850,000.00 | | | 3.59% | | | |

New Authorized Contract Total \$24,509,633.76
Total CCO Dollars To Date \$850,000.00
Total % Increased by CCO's 3.59%

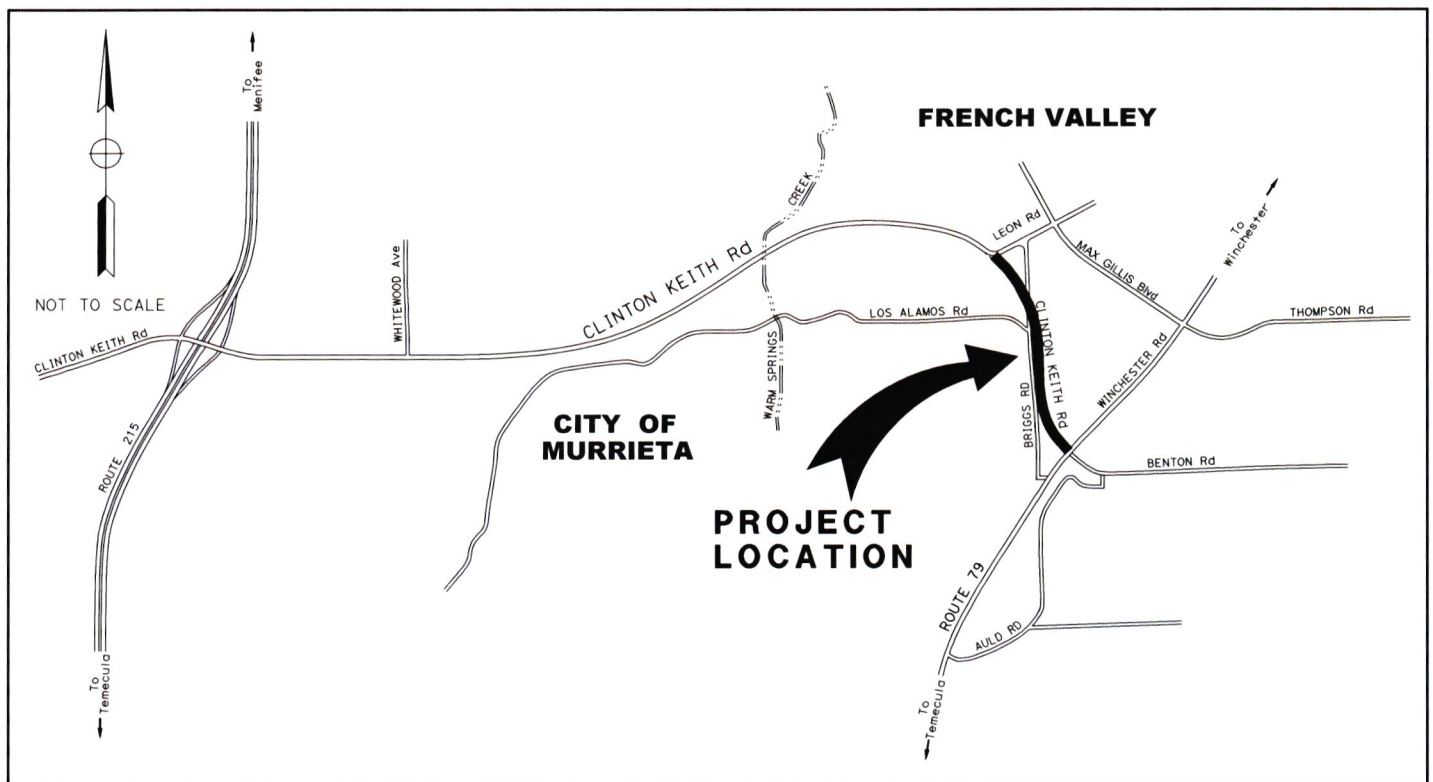
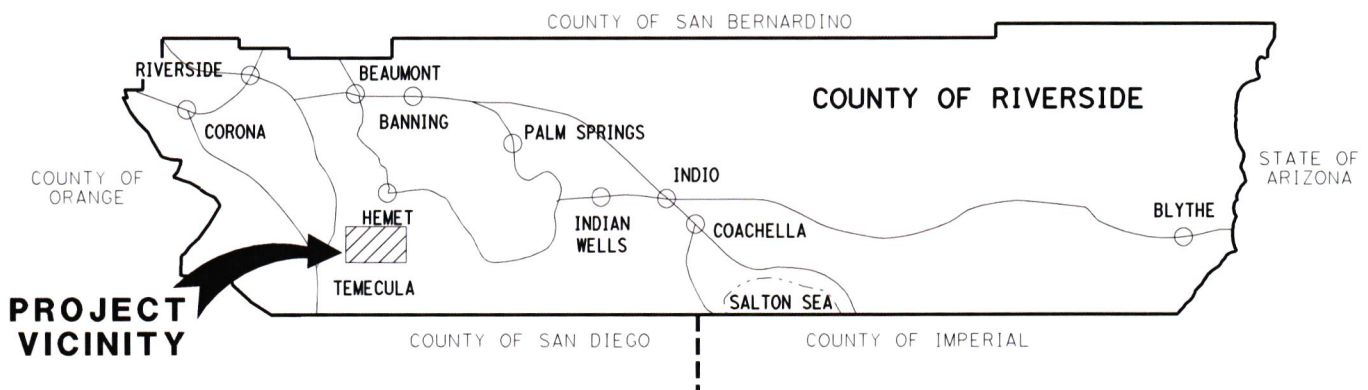
COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

CLINTON KEITH ROAD CONSTRUCTION PROJECT - PHASE 3

LEON ROAD TO STATE ROUTE 79
INCLUDING FRENCH VALLEY CREEK BRIDGE

IN THE CITY OF MURRIETA AND FRENCH VALLEY AREA

PROJECT No. B2-04723



VICINITY MAP

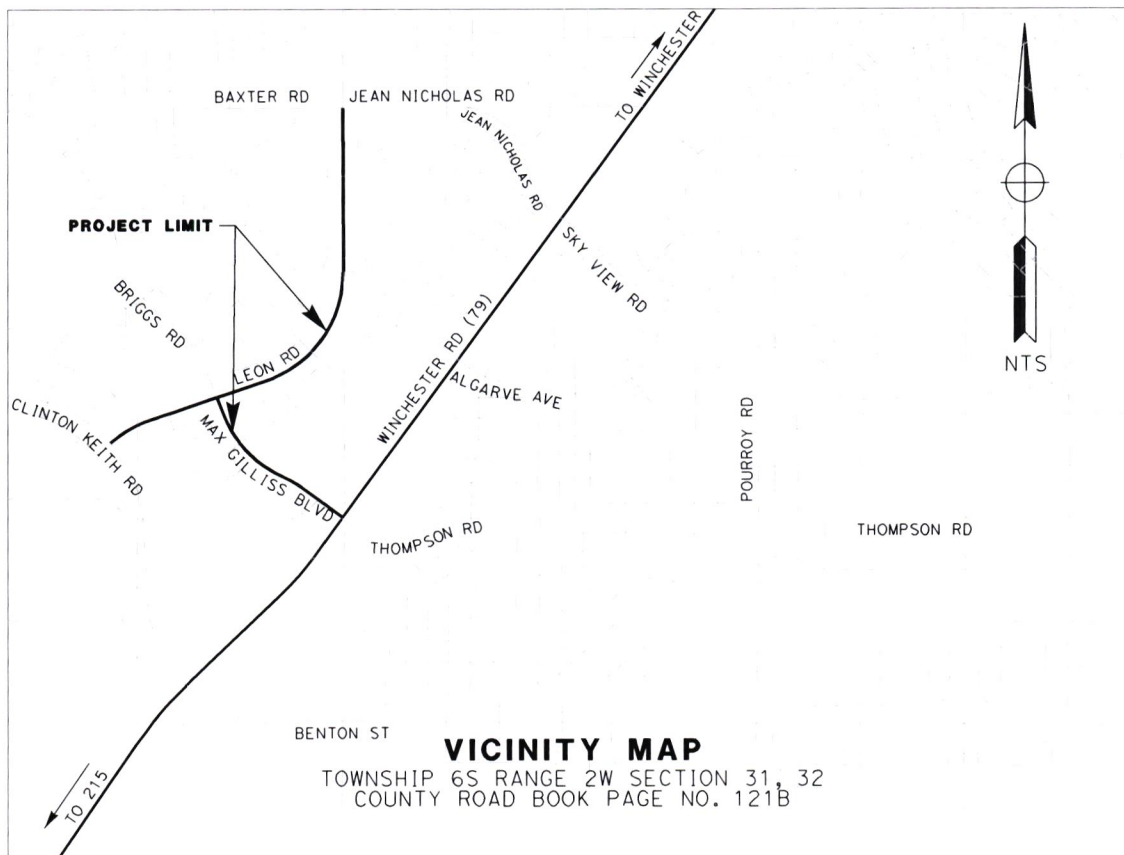
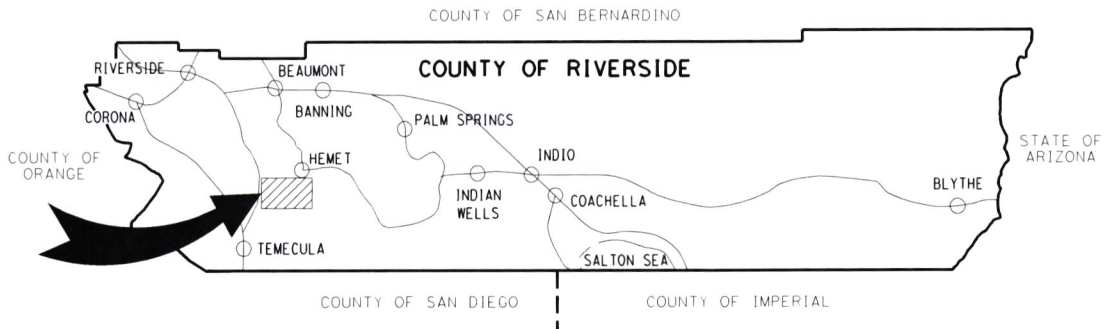
COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

MAX GILLISS BLVD AND LEON RD

RESURFACING
MAX GILLISS BLVD: LEON RD TO WINCHESTER RD
LEON RD: CLINTON KEITH RD TO BAXTER/JEAN NICHOLAS RD

COMMUNITY OF FRENCH VALLEY

PROJECT No. D1-0054



CHANGE ORDER REPORT
(Clinton Keith Road Construction, Phase 3)

| CCO # | Amount | Percent | Description |
|-------------------------|--|---------|--|
| | Original Contract Amount \$23,659,963 | | |
| 1 | \$850,000 | 3.59% | Over excavate unsuitable material and replace with rock, geogrid fabric and aggregate base due to surface groundwater encountered at the French Valley Creek bridge structure. |
| 2 | \$1,432,090 | 6.05% | Stabilize subgrade at the "Unnamed Creek" arch culvert utilizing a deep soil mixing subgrade enhance process. |
| Total Change Orders | \$2,282,090 | 9.65% | |
| Revised Contract Amount | \$25,941,723.76 | | |