

**OFFSITE ROAD IMPROVEMENT AGREEMENT  
FOR THE CROSSINGS AT EL DORADO,  
MISSOURI FLAT ROAD AND CROSSINGS ROAD, PD97-0011  
BETWEEN THE COUNTY AND THE DEVELOPER**

*AGMT #21-54981*

**THIS ROAD IMPROVEMENT AGREEMENT**, hereinafter called "Agreement" made and entered into by and between the **COUNTY OF EL DORADO**, a political subdivision of the State of California (hereinafter referred to as "County") and **L L L & A LLC**, a limited liability company duly qualified to conduct business in the State of California, whose principal place of business is 4330 Golden Center Drive, Suite D, Placerville, California 95667 (hereinafter referred to as "Developer") concerning the offsite road and drainage improvements for the **The Crossings At El Dorado, Missouri Flat Road And Crossings Road, PD97-0011** (hereinafter referred to as "Project") in accordance with the road widening improvement plans entitled **Road Widening Improvement Plans for The Crossings at El Dorado Missouri Flat and Crossings Road APN:327-130-001, 327-130-002 El Dorado County CIP# 71374** and cost estimates prepared by RSC Engineering, Inc., James H. Vanderpost, P.E., Registered Civil Engineer, and approved by Dave Spiegelberg, P.E., Senior Civil Engineer, Transportation Planning and Land Development, (hereinafter referred to as "County Engineer"), El Dorado County Department of Transportation (hereinafter referred to as "Department").

**RECITALS**

**WHEREAS**, Developer has prepared The Crossings at El Dorado, Missouri Flat Road and Crossings Road, road widening improvement plans and cost estimates for the construction of the Project that have been approved by County Engineer;

**WHEREAS**, the Developer shall provide County satisfactory security in the form of cash payments or Performance Bond and Laborers and Materialmens Bonds ("Bonds") for the Project work prior to advertisement for bids;

**WHEREAS**, certain frontage improvements required on the Project along Missouri Flat Road which are not within the County right-of-way will be completed prior to the issuance of the first building permit on the Project;

**WHEREAS**, it is the intent of the parties hereto that the performance of Developer's obligations shall be in conformance with the terms and conditions of this Agreement and shall be in conformity with all applicable state and local laws, rules, and regulations;

**NOW, THEREFORE**, the parties hereto in consideration of the recitals, terms, and conditions herein, do hereby agree as follows:

**SECTION 1.    THE WORK**

Developer will, at its own cost and expense, in a workmanlike manner, faithfully, and fully construct the traffic signals and road improvements referred to as the Road Widening Improvement



has received approval, from the Contract Administrator, of Developer's detailed shoring plan for worker protection from the hazards of caving ground during the excavation of that trench, and any design calculations used in the preparation of the detailed plan. The detailed plan shall show the details of the design of shoring, bracing, sloping or other provisions to be made for worker protection during the excavation. No plan shall allow the use of shoring, sloping or a protective system less effective than that required by the Construction Safety Orders of the California Division of Occupational Safety and Health. If the plan varies from the shoring system standards established by the Construction Safety Orders, the plan shall be prepared and signed by an engineer who is registered as a Civil Engineer in the State of California, and the plan and design calculations shall be submitted at least thirty (30) days before Developer intends to begin excavation for the trench. Nothing in this Article shall be deemed to allow the use of a shoring, sloping or protective system less effective than that required by the Construction Safety Orders.

### **SECTION 3.           TRAFFIC CONTROL**

A Traffic Control Plan that meets County Standards shall be prepared by a Registered Civil Engineer and submitted to Transportation for review and approval **prior to the start of work on the Project.**

The Traffic Control Plan shall address access to adjacent properties and the safe and convenient passage of public traffic through the work area (if applicable). Road closure will not be permitted without El Dorado County Board of Supervisors approval. The Traffic Control Plan shall include proposed flagging, signage, protective barriers and limits on excavation within four (4) feet of travel ways open to traffic. The Plan shall also include any proposed staging of the improvements.

### **SECTION 4.           TIME**

Developer shall cause the commencement of items of work after County approved the Plans for the Project on May 9, 2022, and shall complete the Project no later than two (2) years from the effective date of this Agreement, subject to extensions for delays not within the control of the Developer. Construction activities shall be between 7:00 a.m. and 7:00 p.m. Mondays through Fridays; and 8:00 a.m. and 5:00 p.m. on weekends and federally recognized holidays. Night work may be allowed within the County Right of Way with prior written approval.

### **SECTION 5.           WARRANTY**

Developer warrants against defect the materials and workmanship utilized on this Project for a period of one (1) year from the date of County's acceptance of the Project and shall make such replacements and repairs during such one (1) year period, at its sole cost and expense, as County determines in its sole discretion are necessary. County will retain a portion of the security posted in the amount of ten percent (10%) of the total value of work performed, in the form of a Performance Bond for one (1) year following acceptance of the work by County to secure the repair of any hidden defects in workmanship or materials which may appear.

**SECTION 6. PERFORMANCE AND LABORERS AND MATERIALMENS BONDS**

Developer shall deliver to Transportation Division a Performance Bond issued by a surety company acceptable to County, naming County as obligee, in the sum of **Two Million Five Hundred Seventy-Nine Thousand Four Hundred Seventy-Four Dollars and Thirty-Two Cents (\$2,579,474.32)** conditioned upon the faithful performance of Developer's obligation for the full construction of the road improvements for the Project as required under this Agreement on or before the completion date specified above, and in the form approved by County.

Developer shall deliver to Transportation Division a Laborers and Materialmens Bond issued by a surety company acceptable to County, naming County as obligee, in the sum of **Two Million Five Hundred Seventy-Nine Thousand Four Hundred Seventy-Four Dollars and Thirty-Two Cents (\$2,579,474.32)** conditioned upon the faithful performance of Developer's obligation for the full construction of the road improvements for the Project as required under this Agreement on or before the completion date specified above, and in the form approved by County.

The Bonds required by this Section are a condition precedent to County entering into this Agreement. Developer shall ensure that the contractor awarded the work shall provide Payment and Performance Bonds that name County as an additional obligee and that include a one (1) year warranty provision in the Performance Bond against defects in materials and workmanship. The forms shall be County's approved forms. After contract award, Developer shall submit for County's review and approval the executed bonds together with certificates of insurance from the contractor naming County as an additional named insured.

**SECTION 7. PREVAILING WAGE**

Developer shall require its Contractor to (1) pay wages according to a scale of prevailing wage rates determined by California law, which scale is on file at County's Transportation Division's principal office and (2) comply with all applicable wage requirements, as set forth in Labor Code Sections 1770 et seq., 1773.2, 1775, 1776, 1810 and 1813. In accordance with the provisions of Labor Code Section 1810, eight (8) hours of labor shall constitute a legal day's work upon all work done hereunder, and Developer's Contractor and any Subcontractor(s) employed under this Agreement shall also conform to and be bound by the provisions of Labor Code Sections 1810 through 1815.

**SECTION 8. CERTIFIED PAYROLL**

As required under the provisions of Labor Code Section 1776, Developer shall require its Contractor and any Subcontractor(s), if any are authorized herein, to keep accurate payroll records. A certified copy of all payroll records shall be available for inspection at all reasonable hours at the principal office of Developer's Contractor or any Subcontractor(s). All Contractors and Subcontractor(s) must furnish electronic certified payroll records directly to the Department of Industrial Relations.

**SECTION 9. RECORDS EXAMINATION AND AUDIT REQUIREMENTS**

Developer shall require that its Contractor and its Subcontractor(s), if any are authorized hereunder, maintain all books, documents, papers, accounting records, and other evidence pertaining to

the performance of the Agreement, including but not limited to, the costs of administering the various aspects of the Agreement. In accordance with Government Code Section 8546.7, all of the above-referenced parties shall make such materials available at their respective offices at all reasonable times during the contract period and for four (4) years from the date that final payment and all other pending matters are closed. Representatives of County, the State Auditor, and any duly authorized representative of other government agencies shall have access to any books, documents, papers and records that are pertinent to the Agreement for audit, examination, excerpts, and transactions and copies thereof shall be furnished upon request.

**SECTION 10. INDEMNIFICATION**

To the fullest extent allowed by law, Developer shall defend, indemnify, and hold County harmless against and from any and all claims, suits, losses, damages, and liability for damages of every name, kind, and description, including attorneys' fees and costs incurred, brought for, or on account of, injuries to or death of any person including but not limited to workers, County employees, and the public, or damage to property, or any economic or consequential losses, which are claimed to or in any way arise out of or are connected with Developer's funding, or work on the Project, and the design, including the plats and legal descriptions for the acquisition of right-of-way, of the improvements whether by Developer or Developer's consultant or contractor, or performance of this Agreement, regardless of the existence or degree of fault or negligence on the part of County, Developer, any Contractor(s), Subcontractor(s), and employee(s) of any of these, except for the sole or active negligence of County, its officers and employees, or as expressly provided by statute. This duty of Developer to indemnify and hold County harmless includes the duties to defend set forth in California Civil Code Section 2778.

This duty to indemnify is separate and apart from the insurance requirements herein and shall not be limited thereto.

**SECTION 11. ATTORNEY FEES**

In the event that there is any controversy, complaint, cause of action, or claim arising out of or relating to this Agreement, or to the interpretation, breach or enforcement thereof, and any action or proceeding is commenced to enforce the provisions of this Agreement or in enforcing or defending the security obligations provided herein, the prevailing party shall be entitled to reasonable attorney's fees, including reasonable County Counsel fees, and costs if so incurred, costs and expenses.

**SECTION 12. INSURANCE**

**GENERAL INSURANCE REQUIREMENTS:**

Developer shall provide proof of a policy of insurance satisfactory to the El Dorado County Risk Management Division and documentation evidencing that Developer maintains insurance that meets the following requirements. In lieu of this requirement, Developer may have its Contractor provide proof of a policy of insurance satisfactory to the County's Risk Management Division and documentation evidencing that Contractor maintains said insurance so long as Contractor's insurance meets these same requirements and standards, and subject to Contractor assuming the same obligations as Developer as follows:

1. Full Workers' Compensation and Employers' Liability Insurance covering all employees performing work under this Agreement as required by law in the State of California.

2. Commercial General Liability (CGL) Insurance of not less than One Million Dollars (\$1,000,000) combined single limit per occurrence for bodily injury and property damage, including but not limited to endorsements for the following coverages: premises, personal injury, operations, products and completed operations, blanket contractual, and independent contractors liability and a Two Million Dollar (\$2,000,000) aggregate limit. This insurance can consist of a minimum of One Million Dollars (\$1,000,000) primary layer of CGL and the balance as an excess/umbrella layer, but only if County is provided with written confirmation that the excess/umbrella layer "follows the form" of the CGL policy.

3. Automobile Liability Insurance of not less than One Million Dollars (\$1,000,000) is required in the event motor vehicles are used by Developer or its contractors or agents in performance of the Agreement.

4. In the event Developer or its contractors or agent(s) are licensed professionals and are performing professional services under this contract, Professional Liability Insurance is required, with a limit of liability of not less than One Million Dollars (\$1,000,000).

5. Explosion, Collapse, and Underground (XCU) coverage is required when the scope of work includes XCU exposure.

**PROOF OF INSURANCE REQUIREMENTS:**

1. Developer shall furnish proof of coverage satisfactory to County's Risk Management Division as evidence that the insurance required herein is being maintained. The insurance will be issued by an insurance company acceptable to the Risk Management Division, or be provided through partial or total self-insurance likewise acceptable to the Risk Management Division.

2. The County of El Dorado, its officers, officials, employees, and volunteers shall be included as additional insured, but only insofar as the operations under this Agreement inclusive of the obligation to design and construct the Project are concerned. This provision shall apply to all general and excess liability insurance policies. Proof that County is named additional insured shall be made by providing the Risk Management Division with a certified copy, or other acceptable evidence, of an endorsement to the insurance policies naming County an additional insured.

3. In the event Developer cannot provide an occurrence policy, Developer shall provide insurance covering claims made as a result of performance of this Agreement for not less than three (3) years following completion of performance of this Agreement.

4. Any deductibles or self-insured retentions must be declared to and approved by County. At the option of County, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the County, its officers, officials, employees, and volunteers; or Developer shall procure a bond guaranteeing payment of losses and related investigations, claim administration, and defense expenses.

## **INSURANCE NOTIFICATION REQUIREMENTS:**

1. The insurance required herein shall provide that no cancellation or material change in any policy shall become effective except upon thirty (30) days prior written notice to County at the office of the Transportation Division, 2850 Fairlane Court, Placerville, CA 95667.

2. Developer agrees that the insurance required herein shall be in effect at all times during the term of this Agreement. In the event said insurance coverage expires at any time or times during the term of this Agreement, Developer shall immediately provide a new certificate of insurance as evidence of the required insurance coverage. In the event Developer fails to keep in effect at all times insurance coverage as herein provided, County may, in addition to any other remedies it may have, terminate this Agreement upon the occurrence of such event. New certificates of insurance are subject to the approval of the Risk Management Division, and Developer agrees that no work or services shall be performed prior to the giving of such approval.

## **ADDITIONAL STANDARDS:**

Certificates shall meet such additional standards as may be determined by the Transportation Division, either independently or in consultation with the Risk Management Division, as essential for protection of County.

## **COMMENCEMENT OF PERFORMANCE:**

Developer shall not commence performance of this Agreement unless and until compliance with each and every requirement of the insurance provisions is achieved.

## **MATERIAL BREACH:**

Failure of Developer to maintain the insurance required herein, or to comply with any of the requirements of the insurance provisions, shall constitute a material breach of the entire Agreement.

## **REPORTING PROVISIONS:**

Any failure to comply with the reporting provisions of the policies shall not affect coverage provided to County, its officers, officials, employees, or volunteers.

## **PRIMARY COVERAGE:**

Developer's insurance coverage shall be primary insurance as respects the County, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the County, its officers, officials, employees, or volunteers shall be excess of Developer's insurance and shall not contribute with it.

## **PREMIUM PAYMENTS:**

The insurance companies shall have no recourse against the County of El Dorado, its officers, agents, employees, or any of them for payment of any premiums or assessments under any policy issued by any insurance company.

## **DEVELOPER'S OBLIGATIONS:**

Developer's indemnity and other obligations shall not be limited by the insurance required herein and shall survive the expiration of this Agreement.

**SECTION 13.           RESPONSIBILITY OF ENGINEER**

Developer shall employ and make available to County an individual or firm acceptable by the County Engineer to provide responses to contractor and construction inspector requests for information, and to provide requisite design revisions as requested by County Engineer before, during, and close out of construction, and through the one-year warranty period of the Project. County Engineer shall be notified by Developer one (1) month in advance of terminating the services of the individual or firm accepted by County Engineer and shall employ a comparable replacement individual or firm acceptable by County Engineer simultaneously to the termination notice date. The individual or firm so employed shall act as Developer's representative to ensure full compliance with the terms and conditions set forth in the plans, specifications, all permits, and any other agreements, notices, or directives related to the Project. County Engineer shall have full access to the individual or firm to ensure that the Project is being constructed in accordance with the approved plans and County specifications. The cost associated with County's utilization of the individual or firm shall be a Project cost for which Developer is responsible.

**SECTION 14.           INSPECTION**

An authorized representative of County will perform construction inspection and material testing in accordance with the State of California, Department of Transportation, Standard Specifications. All testing shall be accomplished to the reasonable satisfaction of County.

**SECTION 15.           RECORD DRAWINGS**

Developer shall have an engineer prepare Record Drawings describing the finished work. The Record Drawings shall be submitted to Transportation Division at the completion of the work.

**SECTION 16.           FEES**

Developer shall pay all fees in accordance with Transportation Division's fee schedules, including but not limited to application, plan checking, construction oversight, inspection, administration, and acceptance of the work by County.

**SECTION 17.           DEFAULT, TIME TO CURE, AND REMEDY**

Developer's failure to perform any obligation at the time specified in this Agreement will constitute a default and County will give written notice of said default ("Notice") in accordance with the notice provisions of this Agreement. Notice shall specify the alleged default and the applicable Agreement provision Developer shall cure the default within ten (10) days ("Time to Cure") from the date of the Notice. In the event that the Developer fails to cure the default within the Time to Cure, Developer shall be deemed to be in breach of this Agreement.

**SECTION 18.           PUBLIC AND PRIVATE UTILITIES**

Developer shall investigate and determine if existing public and private utilities conflict with the construction of the Project. Developer shall make all necessary arrangements with the owners of such utilities for their protection, relocation, or removal. Developer shall pay all costs of protection, relocation, or removal of utilities. In the event that the utility companies do not recognize this Project as



a County project for which the utility companies bear one hundred percent (100%) of the cost of relocation, then, as between County and Developer, Developer shall pay all costs of protection, relocation, or removal of utilities. Notwithstanding the aforementioned, nothing in this provision shall be construed to prevent Developer from making a claim to the owner of said utilities for reimbursement for relocation costs.

**SECTION 19. RIGHT-OF-WAY CLEARANCE**

Right of way requirements for this project have been obtained by Developer and such acquisitions approved by County. No additional right of way requirements are necessary for the project improvements as designed and for which Improvement Plans have been approved. Developer will arrange to have ownership of such land granted to County by way of Grant Deeds or Irrevocable Offers of Dedication with definite and certain legal descriptions.

Developer shall upon completion of the right-of-way acquisition obtain a Record of Survey, the purpose of which is to show the right-of-way acquired and granted to County, and file that Record of Survey with the County Surveyor. The Record of Survey shall show all new property lines and monuments for the tracts granted to County. Monuments will be of the type and placed in locations required by County in accordance with the Land Surveyors' Act.

Developer shall obtain agreements of entry from adjacent property owners for any work that will be performed outside County road right-of-way, such as grading existing driveways to conform with new road grades.

**SECTION 20. CONTRACT ADMINISTRATOR**

The County Officer or employee with responsibility for administering this Agreement is Adam Bane, P.E., Supervising Civil Engineer, Transportation Planning and Land Development, Department of Transportation, or successor.

**SECTION 21. ACCEPTANCE**

Upon completion of the Project and upon receipt by County's Board of Supervisors of a certification from the Transportation Division that all work has been completed and that the conditions of this Agreement have been fulfilled, the Board of Supervisors will accept the Project road improvements.

**SECTION 22. REIMBURSEMENT TO COUNTY**

Developer shall reimburse County for costs and expenses incurred by County for construction oversight, inspection, right-of-way, administration, and acceptance of the work performed pursuant to this Agreement. County shall submit to Developer invoices for all reimbursable costs.

**SECTION 23. DEVELOPER REIMBURSEMENT**

The Parties agree and acknowledge that the Project costs associated with the construction of the improvements contemplated herein that are necessary to complete Headington Road Extension – Missouri Flat Road to El Dorado Road (CIP# 71375) are eligible for reimbursement pursuant to the

Sundance Plaza Project (PD 97-11 & 97-17), dated December 8, 1998, under County's Traffic Impact Fee (TIF) Program and all costs shall initially be funded by Developer. The terms and conditions of that reimbursement will be established by a later reimbursement agreement.

The Parties agree and acknowledge that the Project costs associated with the construction of the improvements contemplated herein described as Missouri Flat Road Widening – Plaza Drive to Headington (CIP # 71374) was identified as proposed to be funded by the Missouri Flat Master Circulation and Funding Plan in the Missouri Flat Area MC&FP and Sundance Plaza and El Dorado Villages Shopping Center Project Environmental Impact Report (MC&FP EIR). Accordingly, the parties acknowledge that costs associated with that construction may be eligible for reimbursement from funds set aside by the County for purposes of the Missouri Flat Master Circulation and Funding Plan and all costs shall initially be funded by Developer. The parties also acknowledge that the County does not currently have established procedures that govern reimbursement under the MC&FP, and as such any reimbursement would be subject to the terms and conditions of a later reimbursement agreement.

Except as provided in the paragraphs above, the Parties further agree that the Developer shall fully bear all other costs related associated with the improvements contemplated herein, including frontage improvements required by the County Frontage Improvements Ordinance.

**SECTION 24.            THE PROJECT/ DEVELOPER STATUS**

Developer is constructing and completing the Project improvements as described herein and is acting as independent agent and not as an agent of County.

**SECTION 25.            NOTICE TO PARTIES**

All notices to be given by the parties hereto shall be in writing and served by depositing same in the United States Post Office, postage prepaid and return receipt requested.

Notices to County shall be in duplicate and addressed as follows:

County of El Dorado  
Department of Transportation  
2850 Fairlane Court  
Placerville, CA 95667

Attn.: Adam Bane, P.E.  
Supervising Civil Engineer  
Transportation Planning and  
Land Development

County of El Dorado  
Department of Transportation  
2850 Fairlane Court  
Placerville, CA 95667

Attn.: Dave Spiegelberg, P.E.  
Senior Civil Engineer

or to such other location as County directs.

Notices to Developer shall be in duplicate and addressed as follows:

L L L & A L L C  
4330 Golden Center Drive, Suite D  
Placerville, CA 95667

Jack Sweeney  
Post Office Box 405  
Diamond Springs, CA 95619

Attn: Leonard Grado  
Managing Member

or to such other location as Developer directs.

**SECTION 26. ENVIRONMENTAL COMPLIANCE**

Developer shall fully comply with all applicable mitigation measures set out in the MC&FP EIR, including all addendums to that report, before construction of the improvements described herein.

**SECTION 27. AUTHORIZED SIGNATURES**

The parties to this Agreement represent that the undersigned individuals executing this Agreement on their respective behalf are fully authorized to do so by law or other appropriate instrument and to bind upon said parties to the obligations set forth herein.

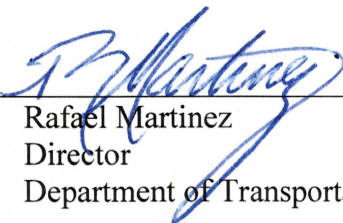
**Requesting Contract Administrator and Division Concurrence:**

By: 

Dated: 8-18-22

Adam Bane, P.E.  
Supervising Civil Engineer  
Transportation Planning and  
Land Development  
Department of Transportation

**Requesting Department Concurrence:**

By: 

Dated: 8/19/22

Rafael Martinez  
Director  
Department of Transportation

IN WITNESS WHEREOF, the parties have executed this Agreement on the dates indicated below, the latest of which shall be deemed to be the effective date of this Agreement.

-- COUNTY OF EL DORADO --

By: Roni Perlin

Dated: 8-30-2022

Board of Supervisors  
"County"

Attest:  
Kim Dawson  
Clerk of the Board of Supervisors

By: Kyle Meyer  
Deputy Clerk

Dated: 8-30-2022

-- L L L & A L L C --  
-- a California Limited Liability Company --

By: L L L & A L L C  
a California Limited Liability Company

By: Leonard Grado  
Leonard Grado  
Managing Member  
L L L & A L L C

Dated: 6-6-2022

*Notary Acknowledgment Attached*

DEVELOPER

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of EL DORADO

On JUNE 6, 2022 before me, COURTNEY N. IRVINE, NOTARY PUBLIC  
(here insert name and title of the officer)

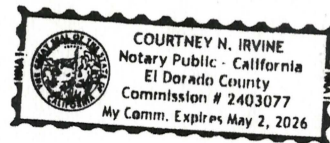
personally appeared LEONARD GRADO,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Courtney N. Irvine*



(Seal)

Exhibit A



Date: 5/6/2022  
Project #: 079-004C

**Road Widening Improvements Plans for  
The Crossings At El Dorado  
Missouri Flat & Crossings Road  
APN: 327-130-001, 327-130-002  
El Dorado County CIP# 71374  
Opinion of Probable Cost**

1420 Rocky Ridge Dr.  
Suite 150  
Roseville CA 95661  
Ph: 916-788-2884

**Summary of Costs**

MISSOURI FLAT ROAD (MC&FP)	\$ 986,807.00
CROSSINGS ROAD (MC&FP)	\$ 1,208,637.44
<i>Total Cost MC&amp;FP</i>	<b>\$ 2,195,444.44</b>
CROSSINGS ROAD (TIM Fee)	<b>\$ 384,029.88</b>
<b>Overall Construction Cost</b>	<b>\$ 2,579,474.32</b>
Engineering Cost (Plan Preparation)	\$ 111,550.00
<b>Overall Const + Soft Cost</b>	<b>\$ 2,691,024.32</b>





Date: 5/6/2022  
Project #: 079-004C

**Road Widening Improvements Plans for  
The Crossings At El Dorado  
Missouri Flat & Crossings Road  
APN: 327-130-001, 327-130-002  
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Opinion of Probable Cost**

1420 Rocky Ridge Dr.  
Suite 150  
Roseville CA 95661  
Ph: 916-788-2884

**PHASE 3**  
**Missouri Flat Road (MC&FP)**

	QUANTITY	UNIT	UNIT COST (EDC)	UNIT COST (RSC)	TOTAL
<b>SITE PREPARATION / EARTHWORK:</b>					
EROSION CONTROL	1	LS		\$7,500.00	\$7,500.00
EARTHWORK	1,850	CY	\$17.50		\$32,375.00
CLEAR AND GRUB FOR ROAD WIDENING	0.43	AC	\$1,850.00		\$803.37
TRAFFIC CONTROL	1.00	LS		\$150,000.00	\$150,000.00
<b>SUB-TOTAL</b>					<b>\$190,678.37</b>
<b>DEMOLITION:</b>					
SAWCUT	1,830	LF	\$2.30		\$4,209.00
REMOVE EXISTING AC WITHIN EXISTING ROADWAY FOR MEDIANS & POOR PAVEMENT	146	SY	\$5.60		\$818.22
REMOVE EXISTING AC DRIVEWAY	139	SY	\$5.60		\$777.78
<b>SUB-TOTAL</b>					<b>\$5,805.00</b>
<b>AC PAVING AND AGGREGATE BASE:</b>					
GRIND AND OVERLAY TRANSITION FROM EXISTING TO 4" WITHIN EXISTING PAVEMENT LIMITS	6,041	SF	\$4.12		\$24,888.92
4" GRIND AND OVERLAY WITHIN EXISTING PAVEMENT LIMITS	29,350	SF	\$5.50		\$161,425.00
AC PAVING AT EXISTING DRIVEWAY (MIN. 2" AC / EXISTING AB)	460	SF	\$2.05		\$943.00
FULL DEPTH AC PAVEMENT REPLACEMENT WITHIN EXISTING PAVEMENT LIMITS (6" AC / 15.5" AB)	18,860	SF	\$7.65		\$144,279.00
NEW FULL DEPTH AC PAVEMENT (6" AC / 15.5" AB)	11,430	SF	\$7.65		\$87,439.50
NEW FULL DEPTH AC PAVEMENT FROM INTX TO CROSSINGS ROAD CURB RETURN (5" AC / 14.5" AB)	4,500	SF	\$6.75		\$30,375.00
CLASS II AB SHOULDER BACKING	1,685	SF	\$2.00		\$3,370.00
VALLEY GUTTER	72	LF	\$23.00		\$1,656.00
<b>SUB-TOTAL</b>					<b>\$454,376.42</b>
	QUANTITY	UNIT	UNIT COST (EDC)	UNIT COST (RSC)	TOTAL
<b>SITE CONCRETE:</b>					
5' X 5' CONCRETE PEDESTRIAN LANDING WITH 6" TALL CURB AND TRUNCATED DOMES	2	EA	\$500.00		\$1,000.00
CALTRANS 187A A1-8 MEDIAN CURB AT MEDIANS	790	LF	\$18.30		\$14,457.00
4" PCC / 12" AB FOR MEDIANS	1,320	SF	\$8.65		\$11,418.00
<b>SUB-TOTAL</b>					<b>\$26,875.00</b>



**STRIPING AND SIGNAGE:**

PAVEMENT MARKINGS (23 DIRECTIONAL ARROWS, 3 BIKE LANE SYMBOL, 2 SIGNAL AHEAD, 2 BIKE LOOP DETECTOR LEGEND)	30	EA		\$500.00	\$15,000.00
STRIPING	4,700	LF	\$0.50		\$2,350.00
NEW SIGNS	19	EA	\$440.00		\$8,360.00
<b>SUB-TOTAL</b>					<b>\$25,710.00</b>

**STORM DRAINAGE:**

ROCK OUTLET PROTECTION	1.00	CF	\$740.00		\$740.00
24" SD	280	LF	\$84.00		\$23,520.00
18" SD	203	LF	\$61.00		\$12,383.00
48" DRAIN MANHOLE	1	EA	\$6,400.00		\$6,400.00
TYPE B DRAIN INLET	2	EA	\$3,400.00		\$6,800.00
<b>SUB-TOTAL</b>					<b>\$49,843.00</b>

<b>SUB TOTAL:</b>	<b>\$753,287.79</b>
<b>MOBILIZATION (5%)</b>	<b>\$37,664.39</b>
<b>BOND ENFORCEMENT COSTS (2%)</b>	<b>\$15,065.76</b>
<b>CONSTRUCTION STAKING (4%)</b>	<b>\$30,131.51</b>
<b>CONSTRUCTION MANAGEMENT AND INSPECTION (10%)</b>	<b>\$75,328.78</b>
<b>10% CONTINGENCY</b>	<b>\$75,328.78</b>
<b>Phase 3 SUBTOTAL (MISSOURI FLAT ROAD - MC&amp;FP)</b>	<b>\$986,807.00</b>

**PHASE 2**  
**Crossings Road (MC&FP)**

	QUANTITY	UNIT	UNIT COST (EDC)	UNIT COST (RSC)	TOTAL
<b>SITE PREPARATION / EARTHWORK:</b>					
EROSION CONTROL	1	LS		\$6,000.00	\$6,000.00
EARTHWORK	770	CY	\$17.50		\$13,475.00
CLEAR AND GRUB	0.30	AC	\$1,850.00		\$555.00
TRAFFIC CONTROL	1.00	LS		\$30,000.00	\$30,000.00
<b>SUB-TOTAL</b>					<b>\$20,030.00</b>

**AC PAVING AND AGGREGATE BASE:**

FULL DEPTH AC PAVEMENT (5" AC / 14.5" AB)	12,370	SF	\$6.75		\$83,497.50
<b>SUB-TOTAL</b>					<b>\$83,497.50</b>

**SITE CONCRETE:**

CALTRANS 187A A1-8 MEDIAN CURB AT MEDIANS	555	LF	\$18.30		\$10,156.50
4" PCC / 12" AB FOR MEDIANS	700	SF	\$8.65		\$6,055.00
<b>SUB-TOTAL</b>					<b>\$16,211.50</b>

**STRIPING AND SIGNAGE:**

PAVEMENT MARKING (8 DIRECTIONAL ARROWS, 2 SIGNAL AHEAD)	10	EA		\$500.00	\$5,000.00
STRIPING	1,670	LF	\$0.50		\$835.00

NEW SIGNS	2	EA	\$440.00	\$880.00
<b>SUB-TOTAL</b>				<b>\$6,715.00</b>
<b>STORM DRAINAGE:</b>				
12" SD	49	LF	\$48.00	\$2,352.00
18" SD	32	LF	\$61.00	\$1,952.00
24" SD	9	LF	\$84.00	\$756.00
30" SD	239	LF	\$90.00	\$21,510.00
48" DRAIN MANHOLE	2	EA	\$6,400.00	\$12,800.00
TYPE B DRAIN INLET	2	EA	\$3,400.00	\$6,800.00
<b>SUB-TOTAL</b>				<b>\$46,170.00</b>
<b>TRAFFIC SIGNAL</b>				
TRAFFIC SIGNAL & ASSOCIATED APPURTENANCES	1	LS	\$750,000.00	\$750,000.00
<b>SUB-TOTAL</b>				<b>\$750,000.00</b>
			<b>SUB TOTAL:</b>	<b>\$922,624.00</b>
			MOBILIZATION (5%)	\$46,131.20
			BOND ENFORCEMENT COSTS (2%)	\$18,452.48
			CONSTRUCTION STAKING (4%)	\$36,904.96
			CONSTRUCTION MANAGEMENT AND INSPECTION (10%)	\$92,262.40
			10% CONTINGENCY	\$92,262.40
			<b>Phase 2 SUB TOTAL (CROSSINGS ROAD - MC&amp;FP):</b>	<b>\$1,208,637.44</b>

**PHASE 2**  
**Crossings Road (TIM Fee)**

	QUANTITY	UNIT	UNIT COST (EDC)	UNIT COST (RSC)	TOTAL
<b>SITE PREPARATION / EARTHWORK:</b>					
EROSION CONTROL	1	LS		\$8,000.00	\$8,000.00
EARTHWORK	750	CY	\$17.50		\$13,125.00
CLEAR AND GRUB	5.00	AC	\$1,850.00		\$9,250.00
<b>SUB-TOTAL</b>					<b>\$30,375.00</b>
<b>AC PAVING AND AGGREGATE BASE:</b>					
FULL DEPTH AC PAVEMENT (5" AC / 14.5" AB)	8,150	SF	\$6.75		\$55,012.50
<b>SUB-TOTAL</b>					<b>\$55,012.50</b>
<b>SITE CONCRETE:</b>					
PARALLEL CURB RAMP WITH TRUNCATED DOMES	2	EA	\$1,525.00		\$3,050.00
CONCRETE SIDEWALK (6" PCC / 4" AB)	310	SF	\$8.78		\$2,720.25
TYPE 2 CURB AND GUTTER	150	LF	\$23.00		\$3,450.00
TYPE 3 BARRIER CURB AT MEDIANS	150	LF	\$18.30		\$2,745.00
4" PCC / 12" AB FOR MEDIANS	600	SF	\$8.65		\$5,190.00
DRIVEWAY CONNECTION (6" PCC / 6" AB) (630 SF)	1	LS	\$2,420.83		\$2,420.83
<b>SUB-TOTAL</b>					<b>\$19,576.08</b>

**STRIPING AND SIGNAGE:**

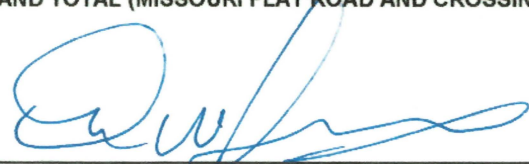
GALVANIZED STEEL ACCESS GATE	1	EA	\$1,150.00		\$1,150.00
ROAD END BARRICADE	65	LF	\$44.00		\$2,860.00
PAVEMENT MARKING (2 SIGNAL AHEAD)	2	EA		\$500.00	\$1,000.00
STRIPING	430	LF	\$0.50		\$215.00
NEW SIGNS	2	EA	\$440.00		\$880.00
<b>SUB-TOTAL</b>					<b>\$6,105.00</b>

	QUANTITY	UNIT	UNIT COST (EDC)	UNIT COST (RSC)	TOTAL
<b>STORM DRAINAGE:</b>					
12" SD	115	LF	\$48.00		\$5,520.00
18" SD	128	LF	\$61.00		\$7,808.00
24" SD	101	LF	\$84.00		\$8,484.00
30" SD	108	LF	\$90.00		\$9,720.00
36" SD	782	LF	\$136.00		\$106,352.00
60" DRAIN MANHOLE	3	EA		\$8,000.00	\$24,000.00
72" DRAIN MANHOLE	1	EA		\$10,000.00	\$10,000.00
TYPE B DRAIN INLET	3	EA	\$3,400.00		\$10,200.00
<b>SUB-TOTAL</b>					<b>\$182,084.00</b>

	<b>SUB TOTAL:</b>	<b>\$293,152.58</b>
	<b>MOBILIZATION (5%)</b>	<b>\$14,657.63</b>
	<b>BOND ENFORCEMENT COSTS (2%)</b>	<b>\$5,863.05</b>
	<b>CONSTRUCTION STAKING (4%)</b>	<b>\$11,726.10</b>
	<b>CONSTRUCTION MANAGEMENT AND INSPECTION (10%)</b>	<b>\$29,315.26</b>
	<b>10% CONTINGENCY</b>	<b>\$29,315.26</b>
<b>Phase 2</b>	<b>SUB TOTAL (CROSSINGS ROAD - TIM FEE):</b>	<b>\$384,029.88</b>

**GRAND TOTAL (MISSOURI FLAT ROAD AND CROSSINGS ROAD)**

**\$2,579,474.32**

  
 EDC - DOT: No Exceptions Taken

5/9/22  
 Date