SUBMITTAL TO THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD OF SUPERVISORS COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



ITEM: 14.5 (ID # 27107)

MEETING DATE:

Tuesday, February 25, 2025

FROM: FLOOD CONTROL DISTRICT

SUBJECT: FLOOD CONTROL DISTRICT: Approve Change Order No. 1, Contract Increase and Notice of Completion for Lakeland Village MDP Line H, Project No. 3-0-00020, District 2. [\$1,184,700 Total Cost – District Funds 100%] (4/5 Vote Required)

RECOMMENDED MOTION: That the Board of Supervisors:

- Approve Change Order No 1. in the amount of \$1,184,700 for Lakeland Village MDP Line H ("Project"), and authorize the Chair of the Riverside County Flood Control and Water Conservation District's ("District") Board of Supervisors ("Board") to execute the attached Change Order No 1 on behalf of the District;
- 2. Approve the contract increase of \$1,173,032 for a total compensation to KEC Engineering ("Contractor") of \$14,318,162;
- 3. Accept as complete the Project as constructed;
- 4. Authorize the Chair of the District's Board to execute the attached Notice of Completion:
- 5. Authorize the release of \$715,908 in retained funds to Contractor in accordance with the contract terms and applicable law; and
- 6. Direct the Clerk of the Board to record the executed Notice of Completion with the Riverside County Clerk and Recorder's Office and return a copy of the recorded document to the District.

ACTION:4/5 Vote Required

MINUTES OF THE BOARD OF SUPERVISORS

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

Ayes:

Medina, Spiegel, Washington, Perez and Gutierrez

Navs:

None

Absent:

None

Date: xc: February 25, 2025

Flood, Recorder

14.5

Kimberly A. Rector

Clerk of the Board

SUBMITTAL TO THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD OF SUPERVISORS COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Т	Total Cost:	Ongoing Cost
COST	\$1,184,700	\$0		\$1,184,700	\$0
NET COUNTY COST	\$0	\$0		\$0	\$0
SOURCE OF FUNDS:				Budget Adj	ustment: No
25	130 94744054820	00 Zone 3 Infrastru	ıcture	2008	
				For Fiscal Y	ear: 24/25

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

The District's Board approved a contract with the Contractor in the amount of \$13,145,130 as Agenda Item Number 11.1 [MT 17703] on January 11, 2022.

While in construction, several critical adjustments were made to ensure the success of the Project.

- 1. Street Replacement and Drainage Enhancements: During construction, large storm drain systems were installed under old, narrow roads, requiring deep trenching and substantial road reconstruction. The District anticipated many of these impacts and costs as part of the Board-approved construction contract, however, based on actual conditions observed, additional paving, curb and gutter were added to properly restore the roads and ensure proper drainage. The total cost for these improvements was \$739,900.
- Concrete Structure and Storm Drain Construction: The District revised plans for a
 precast concrete box along Maiden Lane to address constructability issues, leading to
 additional costs for the Contractor. The Project also faced unforeseen underground
 conditions, requiring scope adjustments to a few of the concrete structures. The total
 cost for these changes was \$430,500.
- Fencing and Security: Additional fencing was installed to meet safety and security requirements due to changes in Project scope and unforeseen conditions. This resulted in an extra cost of \$14,300.

The total cost of these changes was \$1,184,700 as further documented in the attached Change Order No. 1. During the construction of the remainder of the Project, some savings were realized in other contract items, such that the net effect on the total contract is only an increase of \$1,173,032.

Final inspection of the Project was made, and the Project was found to be complete according to plans and specifications and the attached Change Order. A brief Project description and

SUBMITTAL TO THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD OF SUPERVISORS COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

location map is attached. The final price for the contract is \$14,318,162 which is 9% over the original contract amount.

The District does not anticipate any claims for additional compensation from the Contractor.

Prev. Agn. Ref.: MT 17046 11.3 of 09/14/21 (Advertise)

MT 17703 11.1 of 01/11/22 (Award)

Resolution No. F2015-09 (Agenda No. 11.8) of 03/10/15 (CEQA)

Impact on Residents and Businesses

The Project constructed drainage infrastructure to mitigate extreme flood hazards. It will reduce or eliminate flooding on local streets and roads. The Project will enable revisions of the Federal Emergency Management Agency Flood Insurance Rate Maps in the impacted areas resulting in a significant reduction in flood insurance premiums, and many property owners will no longer be required to carry flood insurance. Owners with federally insured home loans are expected to realize savings of up to several thousand dollars per year.

Additional Fiscal Information

Pursuant to MT 17703 [Agenda Item Number 11.1 on January 11, 2022], the District's Board previously approved a contract with the Contractor for \$13,145,130. The final Project cost accounting is summarized in the table below.

	Total
Original Contract Items	\$13,133,371
Change Order No. 1	\$1,184,700
Total	\$14,318,071

Sufficient funds are available within the District's existing budget to cover the increase in total compensation. No budget adjustments are necessary.

Contract History and Price Reasonableness

Pursuant to Public Contract Code 21091, invitation of sealed bids was solicited by advertising in print and digital media.

The final price for the contract is \$14,318,162 which is approximately 9% above the contract amount. The cost for Change Order No. 1 were negotiated with the Contractor in accordance with Section 2.07 of the contract General Provisions.

ATTACHMENTS:

- 1. Change Order No 1.
- 1. Notice of Completion
- 2. Project Description and Location Map

SUBMITTAL TO THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD OF SUPERVISORS COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

NG:rlp P8/260649

Douglas Ordonez Jr.

2/19/2025

Aaron Gettis, Chief of Deput Carnty Counsel

2/11/2025

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Project Name: Lakeland Village MDP Line H, Stage 1

Project No.: 3-0-00020

CONTRACT CHANGE ORDER NO. 1

To **KEC Engineering**, 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 AND EXECUTED BY THE GENERAL MANAGER-CHIEF ENGINEER, IF APPLICABLE SIGNATURE AUTHORITY APPROVAL HAS BEEN GRANTED BY BOARD ORDER OR THE BOARD OF SUPERVISORS OF THE DISTRICT.

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 District.

Lakeland Village MDP Line H, Stage 1 - Project Overview

The Lakeland Village MDP Line H, Stage 1 project retrofit the existing unincorporated community of Lakeland Village with 7,177 feet of large underground storm drain, along with three large water catchment basins and over 30 street inlets. This project required substantial excavation and construction underneath Grand Avenue, Maiden Lane, Cottrell Boulevard, Coleman Avenue, Gillette Street, Adelpha Street, Landerville Boulevard, and Anthony Avenue.

Street Replacement and Enhancements

During construction, the Contractor installed large storm drain systems, often over 9 feet wide, underneath existing narrow roads that were built 50-75 years ago. Installing these systems required open trenching over 20-feet deep, necessitating substantial reconstruction of the roadways after construction. The District anticipated many of these impacts and costs as part of the construction contract, however, based on actual conditions observed, the District directed the Contractor to include additional paving, curb and gutter, and crown to ensure the impacted roads were properly restored, and ensure that storm drainage would be properly routed to the storm drains. The expanded paving was performed at the same contracted unit prices in the executed bid, with additional quantities along Grand Avenue, Cottrell Boulevard, Coleman Avenue, Gillette Street, Adelpha Street, Landerville Boulevard, and Anthony Avenue, etc. See Exhibit 1.

The total cost for these additional street improvements was \$739,900. A table detailing the breakdown of these costs can be found below.

Concrete Structure and Storm Drain Construction

Following the project bid opening, District Engineers issued a revision to the approved plans, adjusting the size of a precast reinforced concrete box (PRCB) along 340 feet of Maiden Lane to address constructability concerns and provide additional clearances for box installation. As a result, the District's Contractor, KEC Engineering, submitted the revised configuration to the PRCB manufacturer for production, which led to additional costs. See Exhibit 2.

As the Contractor navigated other unforeseen underground conditions, the District authorized a number of scope adjustments to various concrete structures to ensure project success and maintain quality and safety standards. The total cost for the enhanced concrete structure installation and stormwater drainage system construction amounted to \$430,500. A table with the summary of costs can be found below.

Fencing and Security

During construction, it became necessary to install additional fencing to meet safety and security requirements. This was driven by changes in the project scope and the need to protect specific areas of the site due to unforeseen conditions. The increased fencing requirements resulted in additional labor and materials. These adjustments were essential to ensuring the safety and security of the site throughout the construction process. The total cost for additional fencing and security was \$14,300.

Table 1: Summary of Additional Street Improvements

Enhancing Urban Streetscapes for Safer, More Sustainable Communities				
Hot Mix Asphalt	\$421,800			
Aggregate Base	\$102,000			
AC Grind	\$33,800			
Asphalt rolled curb	\$64,400			
Concrete Rolled Curb	\$117,900			
Total	\$739,900			
Concrete Structure Installation and Stor Construction	mwater Drainage System			
Storm Drain	\$234,100			
Concrete Structures	\$196,400			
Total	\$430,500			
Fencing and Secu	rity			
Fencing	\$14,300			
Total for CCO1	\$1,184,700			

Table 2: Contract Cost Summary

Original Contract Cost	\$13,145,130.70
Construction Change Order No. 1	\$1,184,700
Amount of Contract Authorized Including this Change Order	\$14,318,162.86
Contract Change Order 1 Time Extension	120 Contract Working Days

	260656						
Submitted by: NICHOLAS GUIZADO, Construction Engineer	Date: 1/30/2025						
Approved by: JASON E-UHLEY, General Manager-Chief Engineer	Date: 1/30/2018						
Chairman, Board of Supervisors KAREN SPIEGEL	Date: 2/25/2025						
We, the undersigned Contractor, have given careful consideration to the change proposed, including its effect on other work already contracted for, 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 for all costs related in any way thereto the prices shown above. Contractor expressly waives any contract right to pursue any further claim, including indirect or impact costs, related to this change order work.							
1001	INEERING						
By:	VICE PRESIDENT						
If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the spec and filing a written protest within the time therein specified.	ifications as to the proceeding with the ordered work						

FEB 2 5 2025 14.5

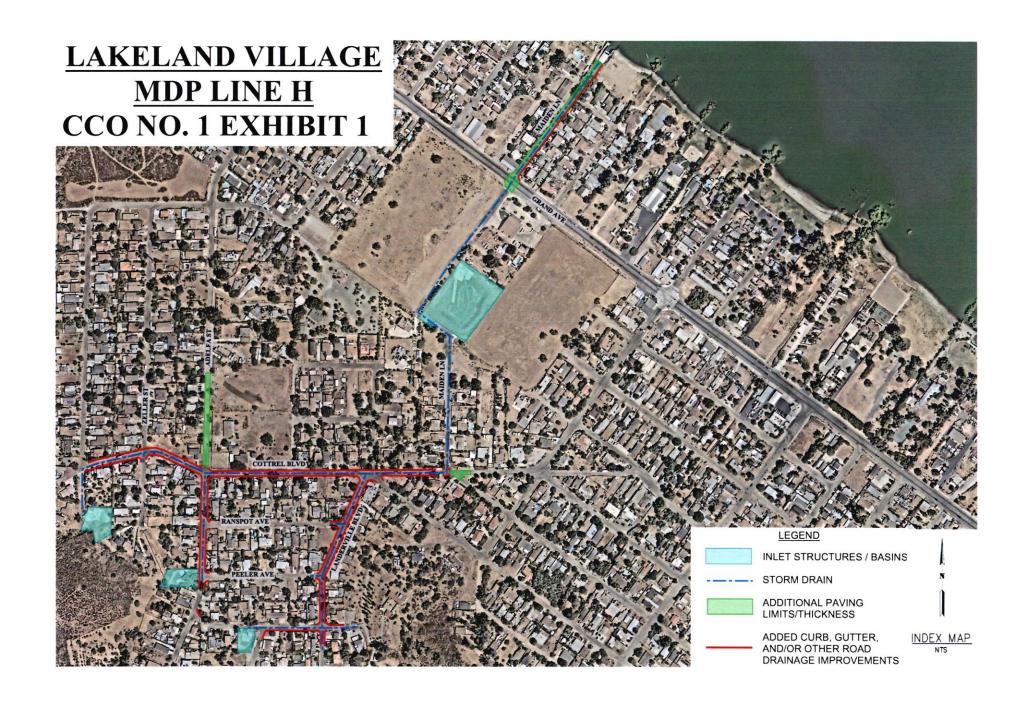
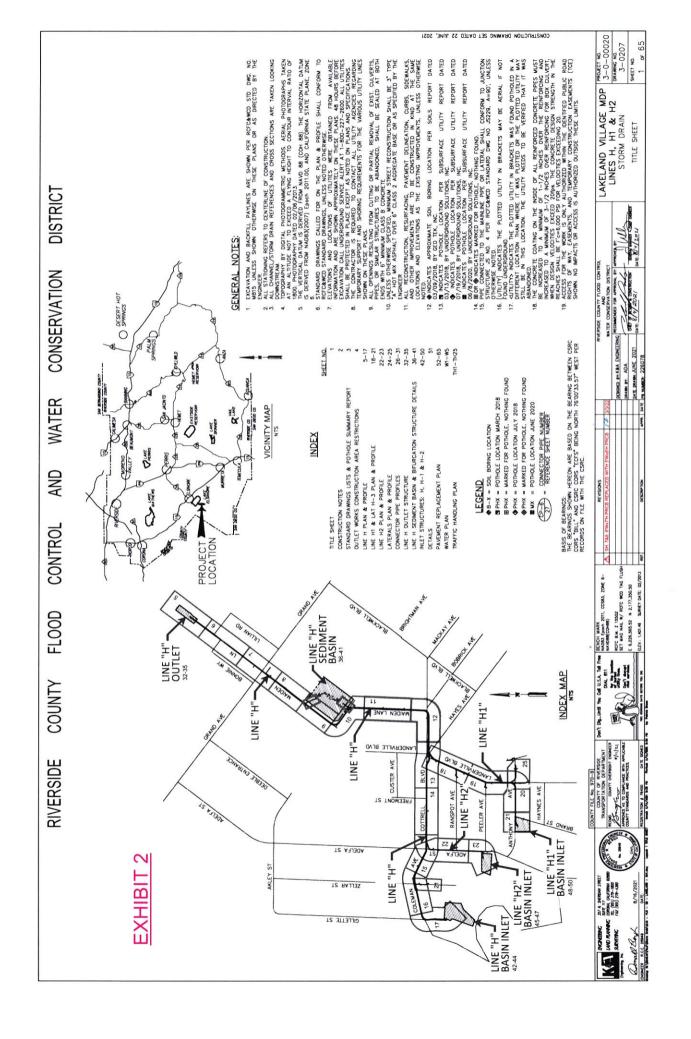
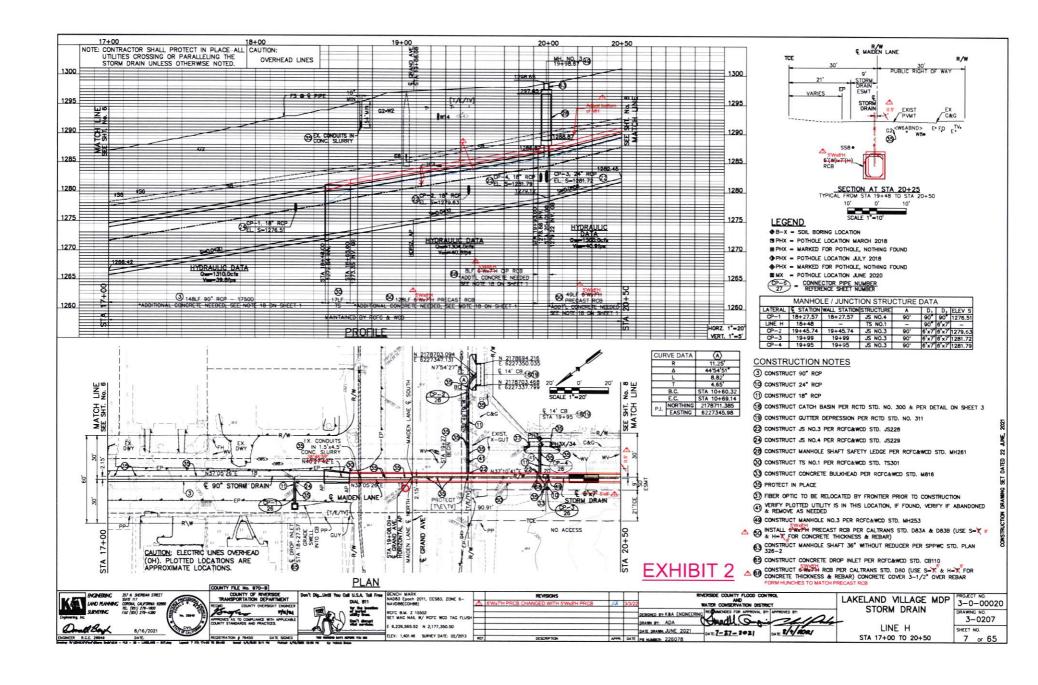
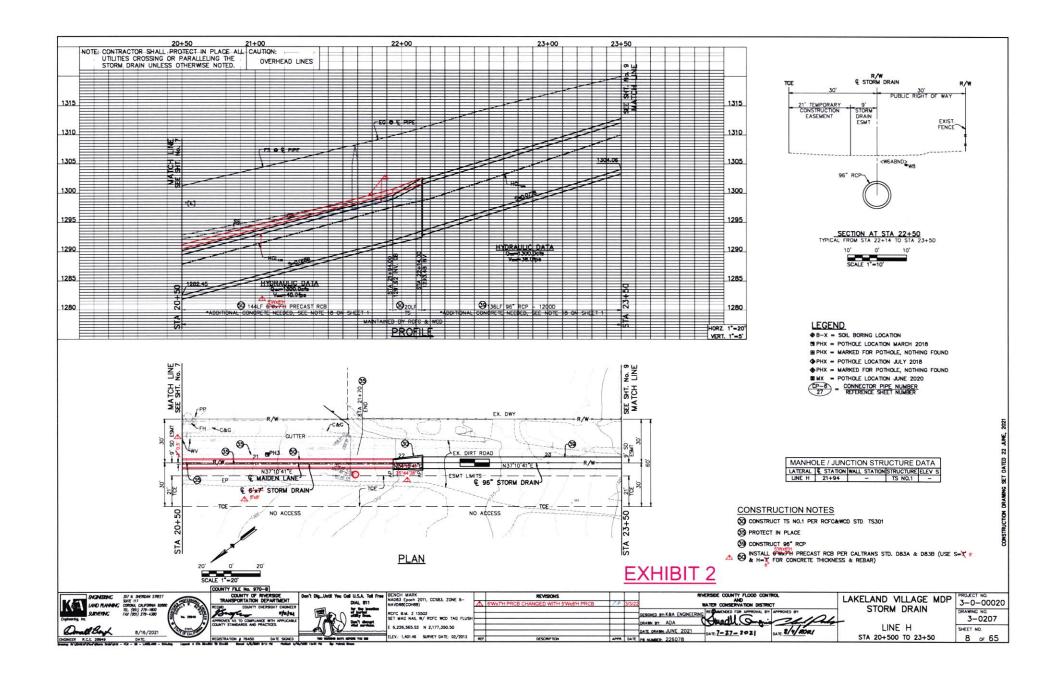


Exhibit 2







To be recorded with County Recorder No recording fee.

Recording requested by:

Kimberly Rector, Clerk of the Board Riverside County Clerk of the Board

Stop No. 1010

Post Office Box 1147, Riverside, CA 92502-1147

When recorded return to:

CLERK OF THE BOARD

Stop No. 1010

Post Office Box 1147, Riverside, CA 92502-1147

NOTICE OF COMPLETION

(Civil Code § 9204 – Public Works)

03/03/2025 10:11 AM Fee: \$ 0.00

Page 1 of 2

Recorded in Official Records County of Riverside Peter Aldana Assessor-County Clerk-Recorder



882

Notice is hereby given by the undersigned owner, a public entity of the State of California, that a public work of improvement has been completed, as follows:

Project title or description of work: Lakeland Village MDP Line H

Project No. 3-0-00020

Date of completion: On the Date Hereof

Nature of owner: **Public Agency**

Interest or estate of owner: Fee / Easement / Street Right of Way

Address of owner: 1995 Market Street, Riverside, CA 92501

Name and address of contractor: KEC Engineering

200 N. Sherman Avenue Corona, CA 92882

Street address or legal description of site: The Lakeland Village community between Gillette Street and

Landerville Boulevard.

RIVERSIDE COUNTY FLOOD CONTROL

Executed at Riverside, California on February 25, 2025(Date)

AND WATER CONSERVATION DISTRICT Dated: February 25, 2025 Owner:

(Name of public entity)

By:

Title: Chair, Board of Supervisors for the District

Karen Spiegel

Karen Spiegel

STATE OF CALIFORNIA)8 COUNTY OF RIVERSIDE)

I am the Chair of the governing board of the Riverside County Flood Control and Water Conservation District, the public entity which executed the foregoing notice and on whose behalf I make this verification; I have read said notice, know its contents, and the same is true. I certify under penalty of perjury that the foregoing is true and correct.

ATTEST:

Kimberly Rector Clerk of the Board

County Counsel Form 1 (Rev. 5-71)

FORM APPROVED COUNTY COUNSEL

P8/259853 MT#27107

KRISTINE BELL-VALUEZ

Chair, Board of Supervisors for the District

PETER ALDANA COUNTY OF RIVERSIDE ASSESSOR-COUNTY CLERK-RECORDER

Recorder P.O. Box 751 (951) 486-7000

www.riversideacr.com

CERTIFICATION

Pursuant to the provisions of Government Code 27361.7, I certify under the penalty of perjury that the following is a true copy of illegible wording found in the attached document:

(Print or type the page number(s) and wording below):

CLARIFICATION FOR SEAL for the Riverside County Flood Control and Water Conservation District (EMBOSSED ON DOCUMENT)

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

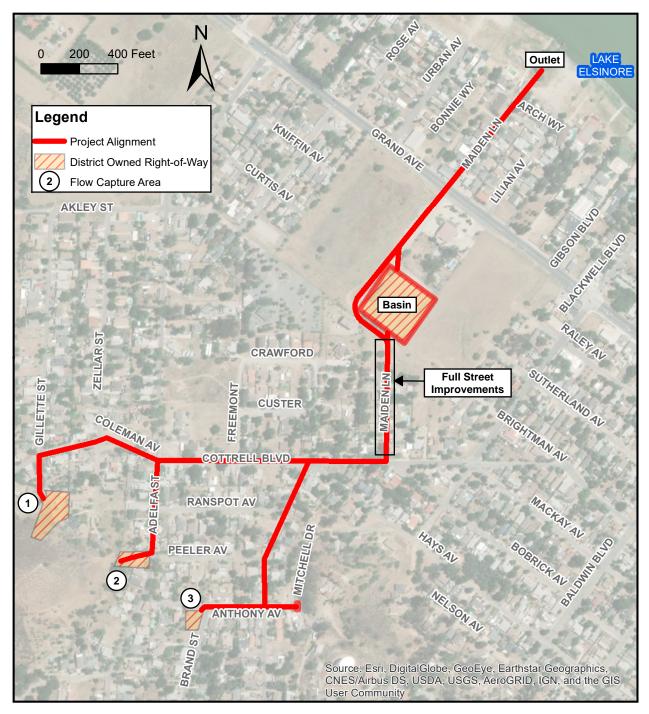
1945

CALIFORNIA

Date: 02/25/2025

Signature: Naomy Sicra, Clerk of Board Assistant

PROJECT NO. 3-0-00020



This project's goal is to capture storm flows near the hills located southwesterly of Lake Elsinore and convey them safely through an underground storm drain system within existing streets to the Lake Elsinore outlet at the northerly end of Maiden Lane. The project consists of 7,177 ft of underground storm drain facility Lakeland Village Line H, its associated laterals Line H-1 and Line H-2 and their associated appurtenant structures such as manholes, catch basins, and connector pipes. Construction will also consist of an energy dissipation outlet structure, three flow collection areas including grading, rip-rap placement and concrete headwall construction. A sediment/debris basin will also be constructed to benefit Lake Elsinore's water quality. The project also includes street rehabilitation for the portions of the streets that will be affected by the construction of the storm drain as well as the conversion of the existing unpaved portion of Maiden Lane between Cottrell Blvd and the sediment basin to an asphalt road with rolled gutter. The District will design and construct the facility to eliminate approximately 40 acres of floodplain affecting residential and commercial properties and various streets within the Lakeland Village community.