

2118



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

**FROM:** General Manager-Chief Engineer

**SUBMITTAL DATE:**  
October 4, 2016

**SUBJECT:** Accept Notice of Completion - Santa Ana Canyon - Below Prado - Inland Empire Brine Line Protection Project, Project No. 2-0-00105, 2nd District [\$6,353,908] District Funds 100%

**RECOMMENDED MOTION:** That the Board of Supervisors: Accept the referenced project as constructed; authorize the Chairman to execute the attached Notice of Completion; and direct the Clerk of the Board to record the executed Notice of Completion with the Riverside County Clerk and Recorder's Office.

**BACKGROUND:**

Summary  
See Page 2.

P81206020

**JASON E. UHLEY**  
General Manager-Chief Engineer

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (per Exec. Office)
COST	\$428,261	\$0	\$6,353,908	\$0	Consent <input type="checkbox"/> Policy <input type="checkbox"/>
NET DISTRICT COST	\$428,261	\$0	\$6,353,908	\$0	

<b>SOURCE OF FUNDS:</b> 527980-25120-947420 Contracts - Zone 2 Const/Maint/Misc	<b>Budget Adjustment:</b> No
	<b>For Fiscal Year:</b> 16/17

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

**County Executive Office Signature**

**MINUTES OF THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT**

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

Ayes: Jeffries, Tavaglione, Washington, Benoit and Ashley  
Nays: None  
Absent: None  
Date: October 4, 2016  
xc: Flood, Recorder

Kecia Harper-Ihem  
Clerk of the Board  
By:   
Deputy

**Prev. Agn. Ref.:** 11-1 of 07/26/16 | **District:** 2<sup>nd</sup> | **Agenda Number:**

MT 2118

FORM APPROVED COUNTY COUNSEL  
BY:   
GREGORY P. PRIAMOS  
DATE: 9/19/16

Departmental Concurrence

FISCAL PROCEDURES APPROVED  
JEANINE J. REY, FINANCE DIRECTOR  
  
09/20/16

- A-30
- Positions Added
- 4/5 Vote
- Change Order

11-1

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

**FORM 11: Accept Notice of Completion - Santa Ana Canyon Below Prado - Inland Empire Brine Line  
Protection Project, Project No. 2-0-00105, 2nd District [\$6,353,908] District Funds 100%**

**DATE:** October 4, 2016

**PAGE:** Page 2 of 2

**BACKGROUND:**

**Summary (continued)**

The Board approved a contract with Blue Iron, Inc., in the amount of \$6,307,935 as Agenda Item Number 11-6 on September 15, 2015. Upon resolution of all change orders, extra work and final quantities, total payment for this contract is \$6,353,908 which represents an increase of 0.7% over the Board authorized amount. The District does not anticipate any claims for additional compensation from the Contractor.

Approved change orders added \$136,634.25 in extra work (see table below). Some of the added work was to assist in a supplementary geotechnical investigation. The new information supported a design modification that reduced other contract item quantities and created an offsetting savings of \$60,705.

The \$428,261 dollar figure shown in the "Current Fiscal Year" financial data cost field on Page One includes the cost of Contract Change Order Nos. 2 and 3, and the contract retention. All remaining costs for the project were accrued and paid in FY 2015-2016.

Final inspection of the above-referenced project was made, and the project was found to be complete in accordance to the project plans and specifications. A brief project description and location map are attached.

**Impact on Residents and Businesses**

The District constructed a sheet pile barrier to protect the Inland Empire Brine Line through the Santa Ana Canyon from being exposed and damaged due to potential erosion caused by the Santa Ana River. The project will protect residents and businesses downstream of Prado Dam from contaminants that could potentially be released should the Brine Line fail. The project will also ensure that businesses upstream of Prado Dam will have uninterrupted access to the Brine Line.

**SUPPLEMENTAL:**

**Contract History and Price Reasonableness**

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

**CHANGE ORDER REPORT**

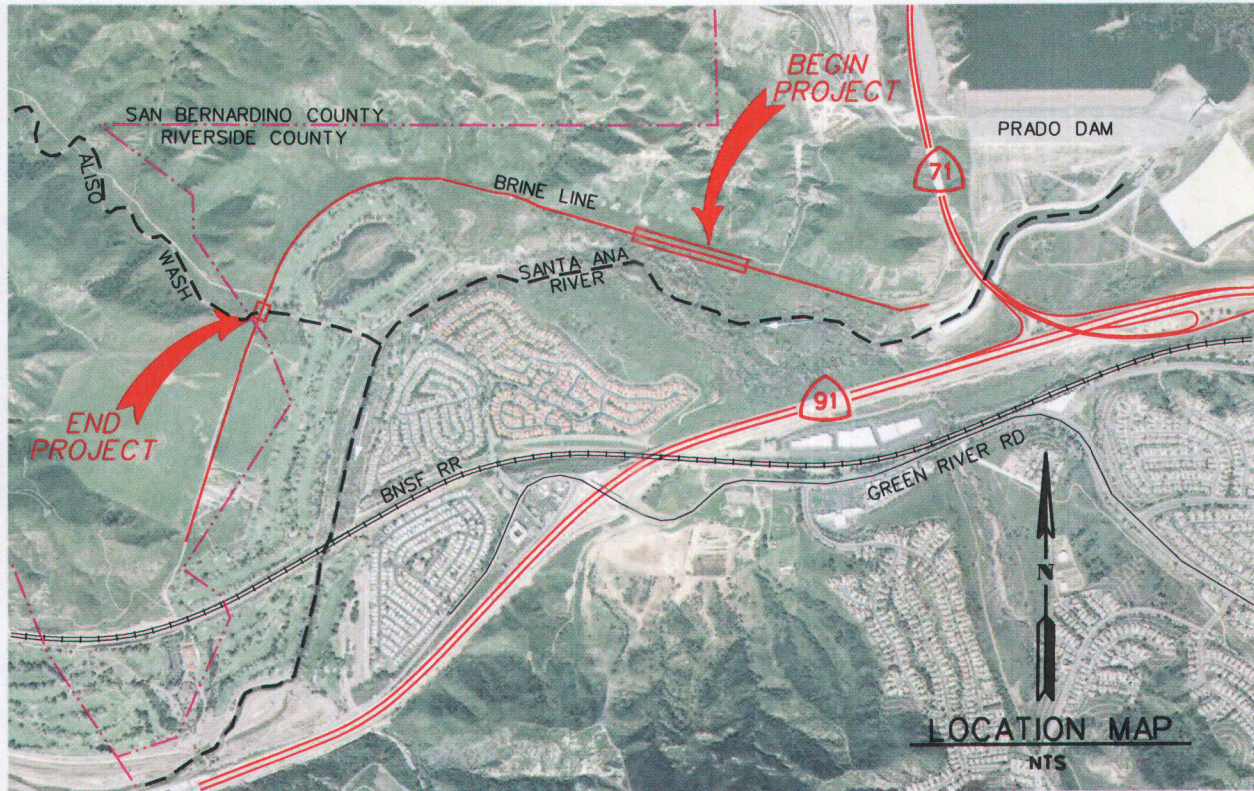
NUMBER	AMOUNT	APPROVAL	DESCRIPTION
Change Order No. 1	\$26,080.25	June 1, 2016 by General Manager-Chief Engineer	Two Items: Buried debris removal and structural material swap
Change Order No. 2	\$115,554.00	July 26, 2016 Agenda Item No. 11-1, Board of Supervisors	Three Items: Geotechnical investigation, pre-drilling, and hydroseed mix adjustment
Change Order No. 3	(\$5,000.00)	September 13, 2016 by General Manager-Chief Engineer	Reduction in contract due to work in State Parks right of way

**ATTACHMENTS:**

1. Notice of Completion
2. Project Description and Location Map

P8\206020

**SANTA ANA CANYON-BELOW PRADO  
INLAND EMPIRE BRINE LINE PROTECTION PROJECT  
PROJECT NO. 2-0-00105**



The Inland Empire Brine Line Protection Project consists of the installation of approximately 2,500 LF of AZ26-700 sheet pile, having a width of approximately two feet and a maximum toe depth of 55 feet (15 feet below the scour depth), with tiebacks spaced approximately every 10 feet. Construction will occur in two different locations along the existing Santa Ana River (SAR) Trail. The easternmost portion (near Prado Dam), will extend approximately 2,100 linear feet. The westernmost portion at the outlet to Aliso Canyon will extend approximately 120 linear feet. The tiebacks have an average length of approximately 40 feet.

The proposed Project will protect the Inland Empire Brine Line from being exposed due to possible erosion caused by the Santa Ana River and Aliso Creek. The sheet piles at the easternmost location are necessary due to the proximity of the Santa Ana River to the Brine Line. The sheet piles at the westernmost location will protect the Brine Line from both the Santa Ana River and Aliso Creek floodwaters.

To be recorded with County Recorder  
No recording fee.

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Recording requested by:  
Kecia Harper-Ihem, 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

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**NOTICE OF COMPLETION**  
(Civil Code § 9204 – Public Works)

**2016-0438829**

10/06/2016 11:42 AM  
\*\*\*Customer Copy Label\*\*\*  
The paper to which this label is affixed  
has not been compared with the  
filed/recorded document  
Peter Aldana  
County Of Riverside  
Assessor-County Clerk-Recorder

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: **Santa Ana Canyon - Below Prado -  
Inland Empire Brine Line Protection Project  
Project No. 2-0-00105**

Date of completion: **Date this document is recorded 10/04/16**

Nature of owner: **Public Agency**

Interest or estate of owner: **Easement**

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

Name of contractor: **Blue Iron, Inc.**

Street address or legal description of site: **The Inland Empire Brine Line Protection Project consisted of approximately 2,500 LF of AZ26-700 sheet pile along the existing Santa Ana River Trail. The easternmost portion (near Prado Dam) extended approximately 2,100 LF. The westernmost portion at the outlet to Aliso Canyon extended approximately 120 LF.**

Dated: October 4, 2016

Owner: RIVERSIDE COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT  
(Name of public entity)

ATTEST:  
KECIA HARPER-IHEM, Clerk  
By [Signature]  
DEPUTY

By: [Signature: Marion Ashley]

Title: Chairman, Board of Supervisors  
Marion Ashley

FOR FLOOD CONTROL COUNTY COUNSEL  
 BY: [Signature] DATE: 10/5/16

STATE OF CALIFORNIA )  
COUNTY OF RIVERSIDE )

I am the Chairman 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.

Executed at Riverside, California on 10/04/16 (Date)

**COPY**  
[Signature: Marion Ashley]  
Marion Ashley, Chairman

**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 (EMBOSED ON DOCUMENT)

RIVERSIDE COUNTY FLOOD CONTROL AND  
WATER CONSERVATION DISTRICT

1945

CALIFORNIA

Date:

10-4-16

Signature:

Karen Barton

Print Name: Karen Barton, Board Assistant