



## Staff Report

**TO:** City Council  
**FROM:** Thaxton Van Belle, Director of Water Reclamation  
Kenyon Potter, Principal Engineer  
**DATE** February 20, 2024  
**SUBJECT:** Notice of Completion for Brine Disposal Pipeline – Reach 1 and 2, Project  
– Capital Improvement Project (CIP) 2017-006

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**Description** Notice of Completion (NOC) for Brine Disposal Pipeline consisting of Reach 1 Project approximately 11.5 miles long extending from the City of Beaumont WWTP to the Riverside/San Bernardino County limits - and- Reach 2 Project approximately 10 miles long extending from Riverside/San Bernardino County limits to San Bernardino on E Street, connecting to the Inland Empire Brine Line (IEBL).

### **Background and Analysis:**

On October 2, 2018, City Council approved a Public Works agreement with Weka, Inc. (Contractor), for construction services of the Brine Disposal Pipeline – Reach 1 Project, and T.E. Roberts, Inc. (Contractor) for construction services of the Brine Disposal Pipeline – Reach 2 Project: Capital Improvement Project (CIP) 2017-006.

The City of Beaumont WWTP includes advanced treatment using reverse osmosis (RO) which generates brine waste which is disposed of under a permit to discharge to the Inland Empire Brine Line (IEBL) and treated at the Orange County Sanitation District (OCSD) Treatment Plant. The Project furnished and installed Reach 1 of the pipeline which comprises of a 12-inch diameter HDPE pipeline and appurtenances, casings and pavement repair as specified in the plans and specifications. Reach 2 extends approximately 10 miles long from the Riverside/San Bernardino County limits to San Bernardino on E Street, connecting to the IEBL.

The CIP budget for both Reach 1 and Reach 2 was \$40,507,630 with the Reach 1 Project having an original construction contract amount of \$10,869,324.00 and the Reach 2 Project having an original construction contract amount of \$13,817,102. The CIP budget had an approved contingency of \$2,600,000. As previously reported by staff to City Council, the Reach 1 project had 5 change orders totaling \$779,616 and the Reach 2 project had 2 change orders totaling \$49,300. The change orders were

funded from the project's construction contingency allocation, with a total modified contract amount for Reach 1 of \$11,634,640 and Reach 2 of \$13,866,402.

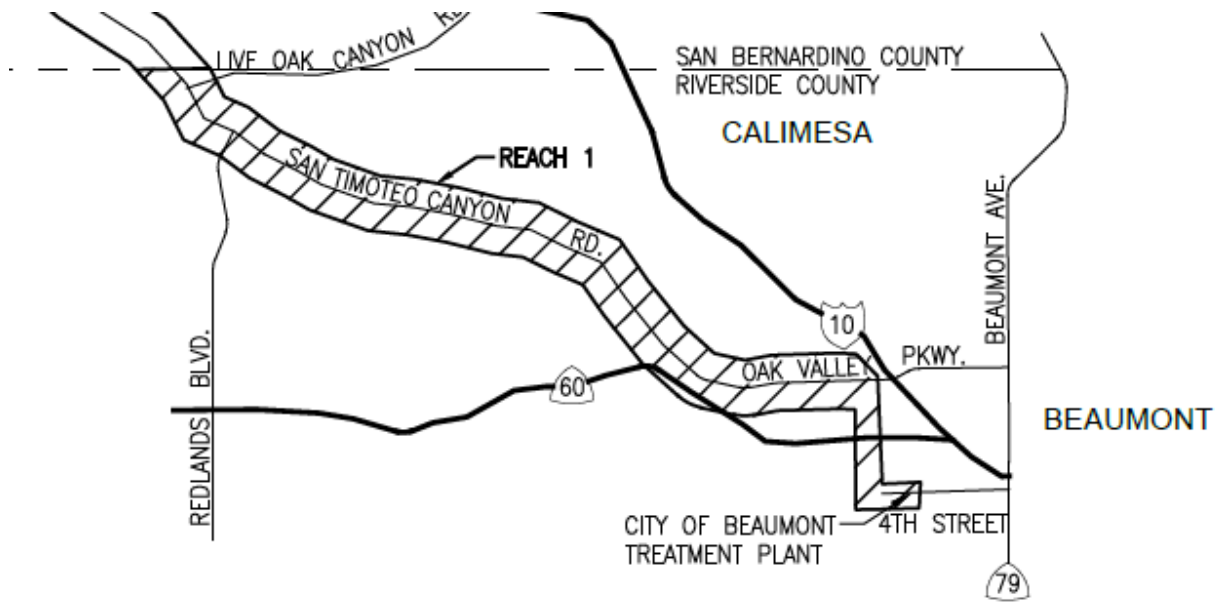


Figure 1 – Reach 1 Location

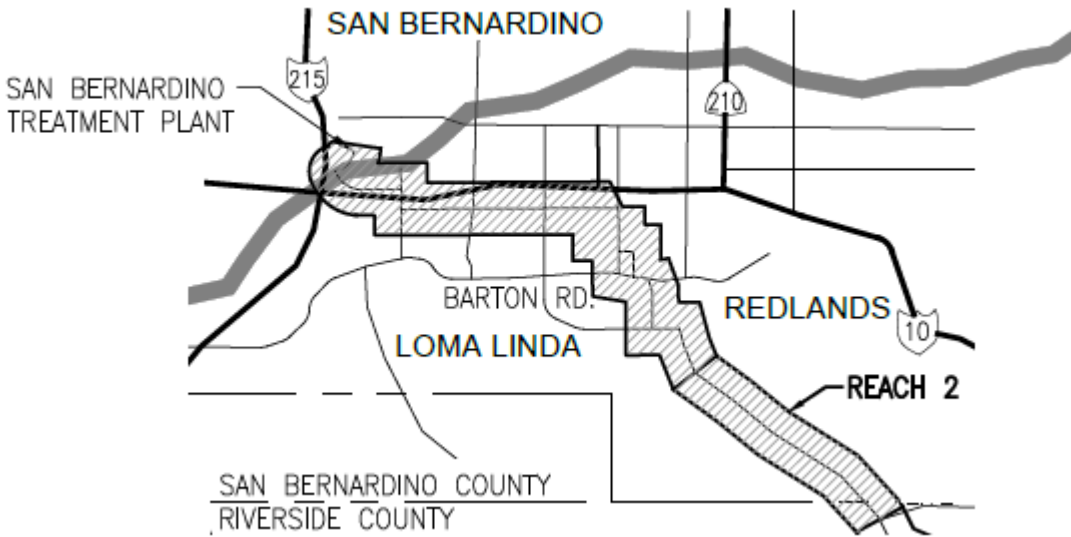


Figure 2 – Reach 2 Location

The Contractors completed the Project's scope of work satisfactorily per plans and specifications, and a Notice of Completion (NOC) document has been provided for each Contractor (Attachment A, Attachment B).

**Fiscal Impact:**

Construction cost for the Project was paid from CIP 2017-006. The following table is a summary of the Project budget:

<b>2017-006 Brine Line Project Accounting Summary</b>				
<b>Funding Summary</b>				
<b>Funding Year</b>	<b>Funding Source</b>		<b>Amount</b>	
17/18	Wastewater DIF		\$7,706,774	
17/18	Bond Proceeds		\$32,865,865	
<b>Total Project Funding =</b>			<b>\$40,572,639</b>	
<b>Budget Summary</b>				
<b>Project Component</b>	<b>Budget</b>	<b>Encumbered</b>	<b>Paid to Date</b>	<b>Remaining Budget</b>
Design	\$2,082,357	\$2,082,357	\$1,818,405	\$263,952
Construction	\$31,945,470	\$31,846,226	\$32,278,219	(\$332,749)
Construction Mgmt.	\$3,436,471	\$3,428,713	\$3,299,601	\$136,870
Permits	\$508,341	\$508,340	\$319,338	\$189,003
Contingency	\$2,600,000	\$1,410,659	\$1,347,721	\$1,252,279
<b>Project Summary Totals</b>	<b>\$40,572,639</b>	<b>\$39,276,295</b>	<b>\$39,063,284</b>	<b>\$1,509,355</b>

Included in the construction "Paid to Date" is the final payment including all retention. All encumbrances have been closed out.

The estimated cost to prepare this report is \$400.

**Recommended Action:**

Authorize the Mayor to execute Notice of Completions for the Brine Disposal Pipeline – Reach 1 and Reach 2 Projects.

**Attachments:**

- A. Notice of Completion for Brine Disposal Pipeline – Reach 1 Project (2017-006).
- B. Notice of Completion for Brine Disposal Pipeline – Reach 2 Project (2017-006).