

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

404A



**FROM:** TLMA - Transportation Department

**SUBMITTAL DATE:**  
June 7, 2012

**SUBJECT:** Contract Change Order No. 1 - Between the County of Riverside and Mamco, Inc. for the Construction of Roundabout, Rancho California Road and Anza Road, Temecula Valley (Wine Country) Area

**RECOMMENDED MOTION:** That the Board of Supervisors authorize the Transportation Department to issue Contract Change Order No. 1 with Mamco, Inc.

**BACKGROUND:** On December 20, 2011 (agenda item 3.23) the Board entered into an agreement with Mamco, Inc. of Riverside, CA for the construction of a Roundabout at the intersection of Rancho California Road and Anza Road in the Temecula area.

Juan C. Perez  
Director of Transportation and Land Management

dj  
(Continued On Attached Page)

<b>FINANCIAL DATA</b>	<b>Current F.Y. Total Cost:</b>	\$ 103,622	<b>In Current Year Budget:</b>	Yes
	<b>Current F.Y. Net County Cost:</b>	\$ 0	<b>Budget Adjustment:</b>	No
	<b>Annual Net County Cost:</b>	\$ 0	<b>For Fiscal Year:</b>	2011/2012

<b>SOURCE OF FUNDS:</b> EMWD (100%)	<b>Positions To Be Deleted Per A-30</b>	<input type="checkbox"/>
There are no general funds used in this project	<b>Requires 4/5 Vote</b>	<input checked="" type="checkbox"/>

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

APPROVE

BY:   
Tina Grande

County Executive Office Signature

FORM APPROVED COUNTY COUNSEL  
BY: MARSHAL L. VICTOR  
DATE: 6/18/12

Departmental Concurrence

Dep't Recomm.:  Consent  Policy

Per Exec. Ofc.:  Consent  Policy

Prev. Agn. Ref. 3.23 of 12/20/11 | District: 3/3 | Agenda Number:

ATTACHMENTS FILED  
WITH THE CLERK OF THE BOARD

3.43

The Honorable Board of Supervisors

RE: Contract Change Order No. 1 - Between the County of Riverside and Mamco, Inc. for the Construction of Roundabout, Rancho California Road and Anza Road, Temecula Valley (Wine Country) Area

May 23, 2012

Page 2 of 2

**JUSTIFICATION:**

This contract change order in the amount of \$103,622 became necessary to accommodate Eastern Municipal Water District's (EMWD) request for the installation of a 26" pipe casing that will be used for a future sewer crossing at the Rancho California Road and Anza Road Roundabout. Constructing this casing concurrently with the roundabout project will prevent future disturbance and disruption to traffic using the roundabout improvements and reduce the costs of the sewer project, eliminating the need to rip out street improvements that were installed now.

The cost of this contract change order including the construction management, inspection, surveying and material testing (construction engineering costs) is \$123,622 and will be reimbursed by EMWD. EMWD's Board of Directors has approved a construction budget not to exceed \$126,529, which includes \$20,000 for construction engineering costs. Attached is EMWD's letter of consent and concurrence.

This contract change order brings the total authorized contract amount to \$1,630,785, 6.79% over the originally authorized contract amount of \$1,527,163.

# LETTER OF TRANSMITTAL

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

**DATE: April 10, 2012**

**File: Rancho California Road and  
Anza Road Roundabout**

**W.O. No.: B9-0957**

**C.C.O.: 1**

**TO: Juan C. Perez**

**From: Hugh Smith**

**\$103,622.00 (6.79% of the original contract amount of \$1,527,163.00)**

This contract change order became necessary because Eastern Municipal Water District (EMWD) requested the installation of the 26" HDPE pipe casing for a future sewer crossing at this intersection. The construction of the casing concurrently with this project will prevent future demolition and repair of portions of the roundabout improvements. This will also alleviate public inconvenience and public safety as the installation of the HDPE casing will be incorporated in the roundabout construction phasing.

The total cost of this Contract Change Order including the Transportation's Construction Engineering cost is entirely reimbursable by EMWD. The Board of Directors of EMWD has approved and appropriated \$123,622.02 to cover the amount of this Contract Change Order for \$103,622.00 and \$20,000.02 for Construction Engineering including but not limited to; contract administration, field inspection, compaction testing and survey. Attached is EMWD's letter of consent and concurrence.

The amount of this Contract Change Order is \$103,622.00. The accumulation of all Contract Change Orders thus far, including this one, is \$103,622.00.

Previous Contract Change Order Amounts Approved:

See C.C.O. History  
(attached)

\$0.00

**File: Rancho California Road at Anza Road Roundabout**

**W.O. No.: B9-0957**

**C.C.O. No. 1**

**Page 2**

This Contract Change Order was discussed with Cindi Wachi and she gave her concurrence to this change.

Adjustment of Time: 5 working days

**ESTIMATE OF COST**

Items

Force Account

Agreed Price

\$103,622.00

Adjustment

**TOTAL**

**\$103,622.00**



**Hugh Smith**

**Construction Engineer**

C. C. O. Category

Agency Mandated	√
Anticipated Force Account	
Change in Field Conditions	
Design Omission	
ROW Obligations	
Upgrades / Benefits	
Utilities	



COUNTY OF RIVERSIDE  
TRANSPORTATION DEPARTMENT

SHEET 1 OF 1 SHEETS

Contract Change Order No. 1

CONTRACT: Rancho California Road at Anza Road Roundabout WORK ORDER NO. B9-0957

TO: Mamco, 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 the applicable sections of the Special Provisions, compensate the Contractor to furnish and install 330 LF of 26" High Density Polyethylene (HDPE) pipe casing on Anza Rd. approximately 33 FT northerly of the Rancho California Rd. roadway centerline for future use by Eastern Municipal Water District (EMWD).

The Contractor will receive and accept the lump sum amount of \$103,622.00 as full and complete compensation for furnishing all labor, materials, equipment and tools for trench excavation, trench shoring, trench backfill, select HDPE pipe bedding material, temporary trench resurfacing, traffic control and water pollution control in accordance with the project Special Provisions and Standard Specifications and in conformance with the Technical Specification and Plan & Profile for installation of the 26" HDPE sewer casing.

Estimated Cost: Decrease \$ \_\_\_\_\_ Increase \$ 103,622.00

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 5 days adjustment of time will be allowed.

Accepted [Signature] 2/17/12  
Date  
**Mamco, Inc.**

[Signature] 2/16/12  
Approval Recommended Date

Approval [Signature] 5/30/12  
Recommended Date  
Juan C. Perez, Director of Transportation

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.

Approved \_\_\_\_\_  
Chairman, Riverside County Board of Supervisors Date

RD FORM 77 (Rev 5/04)  
FORM APPROVED COUNTY COUNSEL  
BY: [Signature] 6/18/12  
MARSHA L. VICTOR DATE



**Board of Directors**

**March 15, 2012**

**President and  
Treasurer**

Joseph J. Kuebler, CPA

**Vice President**

Philip E. Paule

Ronald W. Sullivan

Randy A. Record

David J. Slawson

Engineering Division Manager  
Riverside County Transportation Department  
2950 Washington Street  
Riverside, California 92504

Attn: Hugh Smith, P.E.

**General Manager**

Paul D. Jones II, P.E.

**Subject: Sewer casing at Anza Road and Rancho California Road**

**Director of The  
Metropolitan Water  
District of So. Calif.**

Randy A. Record

Dear Mr. Smith:

On February 22, 2012 our Board of Directors approved and authorized appropriations for construction of the sewer casing through the roundabout at Anza Road and Rancho California Road. The amount of this appropriation was based on the County's estimated change order amount of \$123,622.02 plus a 2% surcharge to cover the County's administrative costs.

**Board Secretary and  
Assistant to the  
General Manager**

Rosemarie V. Howard

Please feel free to contact us if you have any questions.

**Legal Counsel**

Redwine and Sherrill

Sincerely,

Brian Jack Powell, P.E.  
Senior Civil Engineer-Facilities Planning  
Eastern Municipal Water District

cc: Joe Mouawad  
Charlie Bachmann

BJP:blk

Attachment: February 22, 2012 Board Letter

cc: Joe Mouawad  
Charlie Bachmann



V.D.  
M-38/12

**Board of Directors**

February 22, 2012

**President and  
Treasurer**

Joseph J. Kuebler, CPA

**Vice President**

Philip E. Paule

Ronald W. Sullivan  
Randy A. Record  
David J. Slawson

**General Manager**

Paul D. Jones II, P.E.

**Director of The  
Metropolitan Water  
District of So. Calif.**  
Randy A. Record

**Board Secretary and  
Assistant to the  
General Manager**  
Rosemarie V. Howard

**Legal Counsel**  
Redwine and Sherrill

**TO: Board of Directors**

**FROM: General Manager**

**SUBJECT: Approve and Authorize Appropriation of Funds for  
Construction of the Rancho California Road and Anza Road  
Roundabout Sewer Casing (\$188,228)**

**RECOMMENDATION**

The following proposal was presented to the Board Operations and Engineering Committee on February 13, 2012 and received its full concurrence. It is recommended that the Board, by Minute Order, approve and authorize the following:

1. Execution by the General Manager of a deposit to the County of Riverside for the costs associated with construction of the Roundabout Sewer Casing at Anza Road to house the future Eastern Municipal Water District (EMWD) Wine Country Sewer in an amount not to exceed \$126,529; and
2. Execution by the General Manager of the District's standard form of contract amendments with Albert A. Webb Associates, of Riverside, California, for engineering services associated with the Roundabout Sewer Casing in an amount not to exceed \$17,625; and
3. Additional appropriation of \$188,228 to cover project costs through the construction phase of the Roundabout Sewer Casing.

This project will be financed from the General District's Restricted Sewer System Expansion Fund.

Concur:

Paul D. Jones II, P.E.  
General Manager

Submitted by:

Charles J. Bachmann  
Assistant General Manager  
Engineering

Director: Kuebler  
Division: 2

**Mailing Address:** Post Office Box 8300 Perris, CA 92572-8300 Telephone: (951) 928-3777 Fax: (951) 928-6177  
**Location:** 2270 Trumble Road Perris, CA 92570 Internet: [www.emwd.org](http://www.emwd.org)

**BACKGROUND**

Eastern Municipal Water District (District) currently provides sewer service to the City of Temecula and unincorporated areas of Riverside County (County). Temecula's Wine Country (Wine Country) is located to the east of Butterfield Stage Road, in the unincorporated area of the County. The District currently provides sewer service to two wineries along Rancho California Road, east of Butterfield Stage Road. The majority of the existing wineries are not connected to the District's collection system.

There has been renewed interest to develop Wine Country into a premier tourist destination. With this renewed interest, the District seeks a plan to provide sewer service to existing and future wineries. It is envisioned that many of the wineries will also have hotels, bed and breakfast accommodations, restaurants, and other commercial entities on their properties that may significantly increase the wastewater generated from the area. In addition, weekend visitors and special events will increase wastewater generated from the area beyond typical production of flow from wine making.

Recently, the District retained Albert A. Webb Associates (Webb) to assist in identifying the preferred sewerage alternative and develop the associated preliminary design. While investigating the alignments, Webb learned that the County was moving forward with the construction of a Roundabout at the intersection of Anza Road and Rancho California Road. Construction of a casing through the roundabout using open trench methods will facilitate the installation of a sewer pipeline through the roundabout at a later time. A casing is required to cross the existing The Metropolitan Water District (MWD) Feeder that our sewer will traverse at the intersection. Coordinating our proposed work with the County will result in less disruption to the roundabout and significantly lower cost of construction in the future.

The County obtained a cost estimate from their roundabout contractor to install the casing via open cut construction while performing the roundabout construction. The cost of the Roundabout Sewer Casing construction is \$126,529 (includes \$20,000 for County staff to perform surveying, materials testing and contract administration). District staff negotiated amendments with Webb to provide engineering services to support design and construction of the Roundabout Sewer Casing in the amount of \$17,625.

This project supports the District's Strategic Objective VI (Planning), to "Develop and maintain projections of wastewater flows based on land use and regional and sub-regional growth patterns" and to "Develop and maintain water and wastewater facilities master plans to accommodate the needs of development with the goal of achieving a reliable, compliant and easy to operate system."

JLG:av

Attachments: Exhibit "A" Project Cost Estimate  
Exhibit "B" Study Area Map  
Exhibit "C" Webb Proposal: Anza Road Casing Design  
Exhibit "D" Mamco Construction Change Order Proposal

Finance   
Purchasing/Contracts 

Author: Brian Powell

W.O. #412871

Rancho California Road 022212



2/7/2012  
3:55 PM

EXHIBIT "A"

**Wine Country Infrastructure Project**

**PROJECT COST ESTIMATE**

		<b>ESTIMATED COST</b>
<b>FACILITIES PLANNING PHASE</b>		<b>\$203,700</b>
Consultant - West Yost	\$143,070	
Eng. Branch Labor	\$60,570	
Contingency	\$0	
<b>PRELIMINARY DESIGN PHASE</b>		<b>\$228,300</b>
Preliminary Design Report, Consultant	\$148,229	
Escrow Fees & Deposit	\$11,500	
Environmental Consultant	\$5,000	
Right-of-Way Consultant	\$5,800	
Eng. Branch Labor	\$57,900	
Contingency	\$0	
<b>FINAL DESIGN PHASE</b>		<b>\$29,800</b>
Site Acquisition / Permits	\$0	
Design Consultant	\$14,825	
Surveying Consultant	\$0	
Geotechnical Consultant	\$0	
Environmental Consultant	\$0	
Eng. Branch Labor	\$14,907	
Bid Prep	\$0	
Contingency	\$0	
<b>BID/AWARD PHASE</b>		<b>\$0</b>
Includes Labor, Advertisement, and Materials		
<b>CONSTRUCTION PHASE</b>		<b>\$156,200</b>
Contract Services (Record Drawings)	\$2,800	
Construction Contract	\$106,529	
Inspection	\$12,842	
Contract Administration (by County of Riverside)	\$20,000	
Operations Labor	\$0	
Contingencies	\$14,200	
<b>ADMINISTRATIVE CLOSE OUT PHASE</b>		<b>\$0</b>
Eng Branch Labor	\$0	
<b>TOTAL ESTIMATED PROJECT COST</b>		<b>\$618,000 *</b>
<b>TOTAL EMWD APPROPRIATION (EXCLUDES RCWD CONTRIBUTION)</b>		<b>\$188,228 **</b>

\* \$390,272 Previously Appropriated  
\*\* \$39,500 RCWD Contribution  
\$188,228 Current Appropriation

Reviewed 



# Mamco Construction

A General Engineering & General Building Contractor

## Change Order Proposal 1.2

<b>To:</b>
Riverside County Transportation Department ATTN: Cesar Tolentino 2950 Washington St. Riverside, CA 92504

<b>Date:</b>	<b>COP No.:</b>	<b>Project Manager:</b>
2/8/2012	1238-1.2	Rumzi AlAbbasi

**Project:** Rancho California Road at Anza Road Roundabout Project.  
Project No. B9-0957

**Description and Reasoning of Request:**

Construction of 330 LF of 26" HDPE Carrier Pipe and construct Bulkheads at either ends of casing for future 15" sewer line by others. Price includes furnishing and installation of HDPE Casing by open cut method, trench shoring, bedding of HDPE casing, trench backfill, exportation of excess materials, temporary trench resurfacing, and additional traffic control and BMP implementation as necessary. As no soils investigation has been conducted, price does NOT include dewatering or excavation through unsuitable materials or rocky conditions. Price also excludes surveying and any engineering, testing, or inspection that may be required. All work to be per plans and specifications prepared by Albert A Webb Associates (not dated). Please see attached breakdown for force account analysis of work to be performed.

**Price breakdown is for informational purposes only. All work to be complete on a Lump Sum basis.**

Total Amount of Change Order  
Proposed: \$ 103,622.02

Additional Working Days  
Requested: 5

Rancho California Road at Anza Road Roundabout  
Contract CCO History

Contract No. 11-12-003  
 Work Order No. B9-0957  
 Contract Amount \$1,527,163.00

Single Maximum CCO \$88,858.15  
 Maximum CCO's \$152,716.30  
 Tip Budget

Tip Comments:  
 No Change

=====

CCO No.	Amount This CCO	Authority	Cumulative CCO's	% Original Authorized	Cumulative CCO %	Classification
1	\$103,622.00	Board Approval	\$103,622.00	6.79%	6.79%	Extra/Unavoidable

\$103,622.00

6.79%

New Authorized Contract Total	\$1,630,785.00
Total CCO Dollars To Date	\$103,622.00
Total % Increased by CCO's	6.79%