

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

250



FROM: TLMA - Transportation Dept.

SUBMITTAL DATE:
December 30, 2005

SUBJECT: Construction of Freeway Interchange, Cantu-Galleano Ranch Road (Formerly Galena Street) at Interstate 15, Mira Loma / Eastvale area.

RECOMMENDED MOTION: That the Board accept the low bid of MCM Construction, Inc. of North Highland, CA in the amount of \$30,013,803.30. Award the contract to that firm and authorize the Chairman of the Board to execute the contract documents. Amend the Transportation Improvement Program's project budget as proposed on Attachment "A".

BACKGROUND: By Minute Order dated August 9, 2005 (agenda item 3.66) the Board authorized the Clerk of the Board to advertise for the construction of a new freeway interchange and associated improvements at Interstate 15 and Cantu-Galleano Ranch Road in the Mira Loma / Eastvale area of Riverside County. The project will connect Cantu-Galleano Ranch Road to Hamner Avenue and Wineville Road. The project also includes freeway widening improvements, traffic signal and lighting, drainage and other pertinent improvements. The Board of Supervisors established the construction of the

Juan C. Perez
Deputy Director of Transportation

George A. Johnson
George A. Johnson
Director of Transportation

GAJ:sd

(Continued On Attached Pages)

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 30,013,803.30	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0.00	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0.00	For Fiscal Year:	2005/2006
SOURCE OF FUNDS: TUMF, Measure A/RCTC, STP, TEA-21 Demo, Mira Loma Road and Bridge Benefit District, The Gas Company, Jurupa Community Services District				Positions To Be Deleted Per A-30 <input type="checkbox"/>
				Requires 4/5 Vote <input type="checkbox"/>

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

County Executive Office Signature

George A. Johnson

Policy Policy

Consent Consent

Dept's Recomm.:
Per Exec. Ofc.:

Prev. Agn. Ref. 8/9/2005 (3.66) | District: 2 | Agenda Number:

3,68

**ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD**

The Honorable Board of Supervisors

RE: Construction of Freeway Interchange, Cantu-Galleano Ranch Road (Formerly Galena Street) at Interstate 15, Mira Loma / Eastvale area.

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new Cantu-Galleano Ranch Road Interchange as a priority project in order to adequately address increasing traffic. The new interchange is a critical element in the development and economic success of the area. It is designed to alleviate congestion to existing interchanges and is intended to separate commercial/industrial truck traffic from commuter corridors and residential areas.

Bids for the project were opened in the office of the Director of Transportation at 2:00 pm, Wednesday, November 2, 2005. Five bids were received. The lowest and best bid was submitted by MCM Construction, Inc. in the amount of \$30,013,803.30. The bid is \$5,031,871.23 (20.1%) more than the Engineer's Estimate.

Bids exceeded the Engineer's Estimate due a number of factors, especially 1. Fill material costs are significantly higher than anticipated. 2. Architectural enhancement work was added by addendum during the bidding period, and those costs were not known or included in the original estimate. 3. The remaining cost difference is attributed to current construction and materials market, which is volatile. Prices, especially during the 2005 calendar year, escalated at an unusually fast and unanticipated rate, and significant increases occurred during the three month bid period, especially on asphalt and concrete bid items. This, coupled with a saturated construction market makes construction cost estimating difficult at this time. Although the bids received are higher than estimated at the time that the project was advertised, the Transportation Department is of the opinion that they are consistent with current market conditions, which is evidenced by the reasonably close spread of the five bids received. Due to the need for the infrastructure improvements, and because re-bidding may result in even higher bids, the Transportation Department recommends award of the project to the low responsive and responsible bidder.

It is important to highlight that this project is receiving \$15.5 Million in TUMF funding. The WRCOG Executive Committee has approved an agreement for \$8 Million (the County's original request which is also on this Agenda for Board approval). The WRCOG Executive Committee, at their December 5, 2005 meeting, also authorized their Executive Director to execute an Agreement with the County for an additional \$7.5 Million, to fully fund the interchange work. The Transportation Department will be bringing this second TUMF funding agreement to the Board in the near future. Without the resources of the TUMF program, the County would have been in a very difficult position to fill the funding shortfall and deliver this greatly needed project.

The Jurupa Community Services District and the Southern California Gas Company have each provided their concurrence to award their items of work, for which they will be financially responsible. The utility company improvements were bid as alternate items of work, and construction of the utility facilities by the County's contractor will improve construction coordination and is of benefit to the County.

The anticipated annual cost to the County for traffic signal and lighting operation and maintenance is estimated at \$11,000, which will be funded from gas tax.

The Honorable Board of Supervisors

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The contractor is qualified. Project no. A2-0421.

Attachment "A"

Riverside County Transportation Department

Project: **CANTU GALLEANO RANCH RD / I-15 INTERCHANGE : Hamner Avenue to Wineville Road (Includes Alternate Bids)**

Project No.(s): **A2-0421**

Project Costs and Budget

Activity	Incurred Costs	Projected Costs	Total Costs	Existing Budget	Proposed Budget
Preliminary Survey	176,000		176,000	176,000	176,000
Environmental	358,000	1,393,000	1,751,000	1,751,000	1,751,000
Design	2,274,000	222,000	2,496,000	2,381,000	2,496,000
Right-of-way	6,772,551	450,449	7,223,000	7,045,000	7,223,000
Utilities	162,000	193,000	355,000	355,000	355,000
Construction		30,013,803	30,013,803	24,924,000	32,423,854
Construction Contingency 8.0%		2,410,051	2,410,051		
Construction Engineering & Inspection 8.8%	83,463	2,556,919	2,640,382	2,030,000	2,640,382
Construction Survey 1.2%	5,000	345,000	350,000	350,000	350,000
Totals:	9,831,014	37,584,222	47,415,236	39,012,000	47,415,236

Project Funding

Code	Name	Existing Budget	Proposed Budget
108	Federal STP - Discretionary	13,004,000	13,004,000
190	Federal Highway Administration - Demonstration Funds	5,981,000	5,980,841
399	Riverside County Transportation Commission - Measure A	2,734,000	2,734,000
428	Mira Loma Road & Bridge Benefit District	9,293,000	9,358,473
344	TUMF - Northwest Zone Funds (WRCOG)	8,000,000	15,500,000
832	Jurupa Community Services District		771,722
905	Southern California Gas Company		66,200
Totals		39,012,000	47,415,236

Comments

The environmental costs include \$900,000 for the Endowment and \$450,000 spread over five years for the restoration fees of the land acquired to mitigate the impacts of the project.