



# MINUTES

Los Angeles County  
Metropolitan  
Transportation  
Authority

## RAIL CONSTRUCTION CORPORATION (RCC) AUGUST 2, 1993 MEETING

818 West Seventh Street  
Suite 300  
Los Angeles, CA 90017

213.623.1194

### MEMBERS PRESENT

ROBERT KRUSE, CHAIRMAN  
ERNEST CAMACHO  
JOHN MURRAY  
CARL RAGGIO  
RAUL PEREZ, ALTERNATE TO EVAN ANDERSON BRAUDE  
EVAN ANDERSON BRAUDE

### STAFF PRESENT

EDWARD McSPEDON, EXECUTIVE OFFICER, CONSTRUCTION & PRESIDENT, RCC  
ALAN DALE, DEPUTY PROJECT MGR., ENGIN., METRO RED LINE, SEGMENT 3  
JOEL SANDBERG, PROJECT MANAGER, METRO RED LINE, SEGMENT 2  
LARRY KELSEY, CONTRACT MANAGER, METRO RED LINE, SEGMENT 2  
MAUREEN TAMURI, MGR., FACILITIES ENGINEERING, METRO RED LINE, SEG. 2  
BONNIE VERDIN, RCC BOARD SECRETARY  
MERCY MENESES, ASSISTANT RCC BOARD SECRETARY

### OTHERS

AUGUSTIN ZUNIGA, COUNTY COUNSEL  
CHARLES SAFER, MTA CO-COUNSEL  
K.N. MURTHY, EMC  
ASPET DAVIDIAN, EMC  
DAN DWORSKY, DWORSKY & ASSOCIATES  
GREG SERRAO, DWORSKY & ASSOCIATES

1. CALL TO ORDER

The meeting was called to order at 1:05 P.M.

2. APPROVAL OF MINUTES

The minutes of the July 19, 1993 meeting were approved as submitted.

3. CHAIRMAN'S REMARKS

Mr. Kruse acknowledged the award of Contract P2000 by the MTA Board last week. Mr. Kruse stated that the L.A. Car procurement was a difficult and time-consuming task but the vehicle procurement staff, through hard work and dedication, was ultimately successful in producing a contract.

4. PRESIDENT'S REMARKS

Mr. McSpedon reported the following:

- There is a continuing effort by staff to establish Los Angeles County as a national center for "rail technology development". Applications for federal funds have been submitted to the Advanced Research and Projects Administration (ARPA). The funding would cover the research and development (R & D) portion of Contract No. P2000 and other contracts containing R & D. Since the applications were due before it was known which firm would be awarded Contract P2000, RCC staff submitted applications for all four proposers to ensure qualification. Now that Siemens Duewag has been awarded the contract, the other three applications may be retracted.
- At its meeting last week, the MTA Board deferred action on the MTA Fiscal 93-94 Year budget for another month.
- The MTA approved plans to continue the Caltrans Preliminary Study Review (PSR) on the East/West San Fernando Valley freeway alignment and to continue the geotechnical study by the EMC on Burbank/Chandler.
- The MTA deferred action for another month on Contract No. 3369 for Construction Management Services for the North Hollywood Extension of Metro Red Line, Segment 3. The Board discussed, but did not act upon, issuing a stop work notice for construction from Universal City to North Hollywood. The MTA Board did agree, however, to continue

this discussion at its August 25, 1993 meeting. In the meantime, staff is expecting to receive bids on the tunnel job from Universal City to North Hollywood prior to the next MTA meeting. Staff will proceed ahead with this work as it is part of the fully-funded federal project. It is staff's recommendation that the MTA do nothing to jeopardize or slow down this construction.

- Proposals are expected this month for Construction Management Services for the Mid-Cities and East Los Angeles Extensions of Metro Red Line, Segment 3.
- There was a recent Daily News article on excessive "wheel wear" on Metro Red Line. The Red Line has indeed been experiencing some premature wear of the wheels on the vehicles. However, its staff's assessment that this is not a unique problem on a new system and, in fact, during the initial months of operation, the Metro Blue Line also experienced premature "rail wear." Each system has a unique alignment and initial wear between the cars and the track will require continuous monitoring and adjustment to improve the wheel to track interface.

Mr. Braude inquired whether the wheels are still under warranty. McSpedon stated that they are, except the wheels in and of themselves may not be the problem. Rather it is the interface of the wheels with the vehicle and the tracks. Mr. McSpedon stated that several options for improved interface are being tested.

Following further discussion, Mr. Kruse requested that a comprehensive report by the design consultant on solutions for improving wheel wear be provided to the Board in a month or so. Mr. Kruse stated that as a technical board, the RCC Board must have a leadership role in developing a strategy for improving wheel wear on our system.

- Consent Calendar Item No. 7 is a fairly complex item and it was requested that this item be moved to Regular Calendar as staff would like to provide the Board with a brief presentation.

## STANDING INFORMATION REPORTS

Mr. Kruse stated that Items 5 and 6 on the agenda are standing information items that notify the Board about upcoming contract change orders. It has been a significant dilemma for the RCC Board and staff to explain to the MTA, particularly in a public arena, the history and necessity of change orders. Staff developed these upcoming change order advisory reports to help both Board's better understand and monitor the change order process. Nonetheless, the RCC Board and staff continue to be criticized for changes that have been necessary because of problems that the RCC inherited. Mr. Kruse stated that in order to properly respond to this criticism, RCC staff must improve upon the reporting system by:

- Providing amplified background on the evolution of each change order
- Providing a clear comparison of the change order value to contract value.
- Providing more emphasis on budget considerations
- Providing less emphasis on the technical issues
- Providing all information in layman's terms

Mr. McSpedon stated that staff is already working on developing an improved Board reporting system. Mr. Raggio stated that the report must somehow emphasize that what the RCC is doing is brand new, there will be changes and that changes are not necessarily bad.

### 5. FORECAST OF UNEXECUTED PROFESSIONAL SERVICES CONTRACT CHANGES OVER \$200,000

The RCC Board received this status report.

### 6. FORECAST OF UNEXECUTED CONSTRUCTION/PROCUREMENT CONTRACT CHANGES OVER \$200,000

The RCC Board received this status report.

Mr. Braude requested clarification on the changes on Contract B251. Mr. Sandberg stated that the two changes deal with the same overall issue. First, when Contract B251 for tunneling at Vermont/Hollywood was advertised, an option was included for additional tunneling to an anticipated shaft site at La Brea to drive the tunnel through the Santa Monica Mountains. The option included the shaft site and concreting of tunnel west of Vine. However, it was subsequently discovered that tunneling through the Santa Monica Mountains can be done from the north end instead and the La Brea shaft site will not be needed. By not using the La Brea shaft site it became

possible to shorten the length of the tunnel resulting in the \$1.5 million credit.

Secondly, although the option will not be exercised, the tunnel still needs to be lined west of Hollywood/Vine to the rock face. Staff proposes to effect a change order to Contract B251 for this work provided it is the most cost effective way of doing it based on the price the contractor quotes.

Mr. Kruse stated that the net result of these changes is a reduction to the project's budget. Mr. Braude stated that this report does not readily make that apparent and is likely to raise questions at the MTA meeting.

Mr. McSpedon stated that staff will clarify this point prior to forwarding to the MTA.

#### CONSENT CALENDAR

At staff's request, Item #7 was moved to Regular Calendar.

Mr. Murray moved, Mr. Raggio seconded, to approve Consent Calendar Items 8 through 12. Motion was approved.

8. METRO RED LINE, SEGMENT 2 - BID NO. B271  
HOLLYWOOD/WESTERN STATION  
NOTICE OF ADVERTISEMENT

The RCC Board authorized staff to proceed with the advertisement and solicitation of Invitation for Bid No. B271.

9. METRO RED LINE, SEGMENT 2 - BID NO. B641  
RADIO (DESIGN/FURNISH/INSTALL)  
NOTICE OF ADVERTISEMENT

The RCC Board authorized staff to proceed with the advertisement and solicitation of Invitation for Bid No. B641.

10. METRO RED LINE, SEGMENT 2 - CONTRACT NO. B201  
 LINE SECTION, WILSHIRE/ALVARADO STATION TO  
 WILSHIRE/VERMONT STATION AND POCKET TRACK  
 REMOVAL OF LAKE BOTTOM MATERIAL  
 CHANGE ORDER NO. 1.01

The RCC Board recommended that the MTA authorize the Chief Executive Officer execute Change Order B201-CN-1.01 for a credit value of <\$399,458.78>.

11. METRO GREEN LINE - UTILITY COOPERATIVE AGREEMENT  
 WITH PARK WATER COMPANY

The RCC Board recommended that the MTA authorize the Chief Executive Officer execute the Utility Cooperative Agreement negotiated with Park Water Company.

12. METRO PASADENA PROJECT - CONTRACT NO. E0070  
 AUTHORIZATION TO AWARD A CONTRACT TO SECTION  
 DESIGNER FOR ARCHITECTURAL SERVICES

The RCC Board recommended that the MTA authorize the EMC to award a contract as listed below for Section Designers for Architectural Services on the Metro Pasadena Project:

<b>Contract Work Scope ----- Firm</b>	<b>Total-Not-To- Exceed Contract Value</b>	<b>MBE/WBE Goal</b>	<b>MBE/WBE Commitment</b>
Ave 51, Ave 57 and Southwest Museum ----- La Canada Design Group	\$ 946,449	MBE 35% WBE 10%	WBE 10% SMBE 40%

REGULAR CALENDAR

7. METRO RED LINE, SEGMENT 2 - BID NO. B215  
WILSHIRE/VERMONT STATION, STAGE II AND  
ENTRANCE STAGE I AND II, NOTICE OF ADVERTISEMENT

Ms. Tamuri provided a briefing on this item and introduced the Contract B215 team:

- Roger Dames, Construction Manager, MRL-2
- Tom Horton, Utilities Coordinator, MRL-2
- Jon Moynes, Project Manager, Art for Rail Transit
- Rick Del Carlo, Project Manager, Joint Development
- Bob Classen, Project Unit Manager, EMC
- Aziz Kohan, Lead Architect, EMC

Mr. Kruse inquired whether the station will adequately handle the flow of pedestrians to buses and kiss-and-ride areas. Ms. Tamuri stated that staff has arrived at a solution which came about as a result of the acquisition of additional land which will now serve a thoroughfare for buses.

Ms. Tamuri acknowledged Mr. Braude's suggestion to examine the area surrounding the B215 station to possibly provide a grassy park-like environment versus concrete slopes.

Mr. Camacho moved, Mr. Murray seconded, to approve this item. Motion was approved.

The RCC Board authorized staff to proceed with the advertisement and solicitation of Invitation for Bid No. B215.

14. METRO RED LINE, SEGMENT 2 - CONTRACT NO. B761  
ILLUMINATED SIGNS AND EDGELIGHTS PROCUREMENT  
RECOMMENDATION FOR AWARD

Mr. Kelsey provided background information on this item.

Mr. Kelsey stated that staff has determined that adequate evidence of clerical error by Heath & Company has now been provided.

Mr. Raggio moved to approve this item.

Mr. Murray questioned whether staff has considered rebidding this item. Mr. Sandberg assured the Board that all options have been reviewed and is confident that Steiny and Company's bid is the competitive.

The Board heard comments from Mr. Jose Roma of Federal Sign.

Mr. Murray seconded Mr. Raggio's motion to approve this item. Motion was approved.

The RCC Board recommended that the MTA grant Heath & Company relief from its bid and from its bid bond, and;

That the RCC Board further recommend to the MTA authorization from the Chief Executive Officer to execute Contract B761 in the amount below, with Steiny & Company, Inc. the lowest priced responsive and responsible bidder:

Total Contract Award, Metro Red Line Segments 2 and 3	\$5,280,076
10% Contract Reserve Fund (Excluded from Award Amount)	\$ 528,007
Plus Contingency (for Economic Price Adjustment)	\$ 159,458
Total Commitment Request	\$5,967,541
Options for additional possible equipment (Excluded from Award & Commitment Amounts)	\$1,491,894

15. HOW MUCH ENGINEERING IS COST-EFFECTIVE?

Mr. Murthy provided a presentation on this item.

16. HOLLYWOOD/HIGHLAND STATION DESIGN

Mr. Davidian introduced the members of the project team:

Dan Dworsky, Dworsky & Associates  
Greg Serrao, Dworsky & Associates  
Doug Dworsky, Dworsky & Associates  
Ben Beasley, Bechtel Corporation  
Russell McCarley, Bechtel Corporation  
Mr. Dworsky provided a briefing on this item.



17. PUBLIC COMMENT

The Board heard comments from:

Mr. John Walsh  
Mr. Jose Andrade

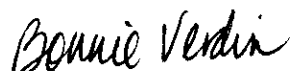
18. BOARD MEMBER REQUEST FOR FUTURE ITEMS

There were no requests for future items.

ADJOURNMENT

The meeting adjourned at 3:00 p.m.

Submitted by:



BONNIE VERDIN  
RCC Board Secretary  
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