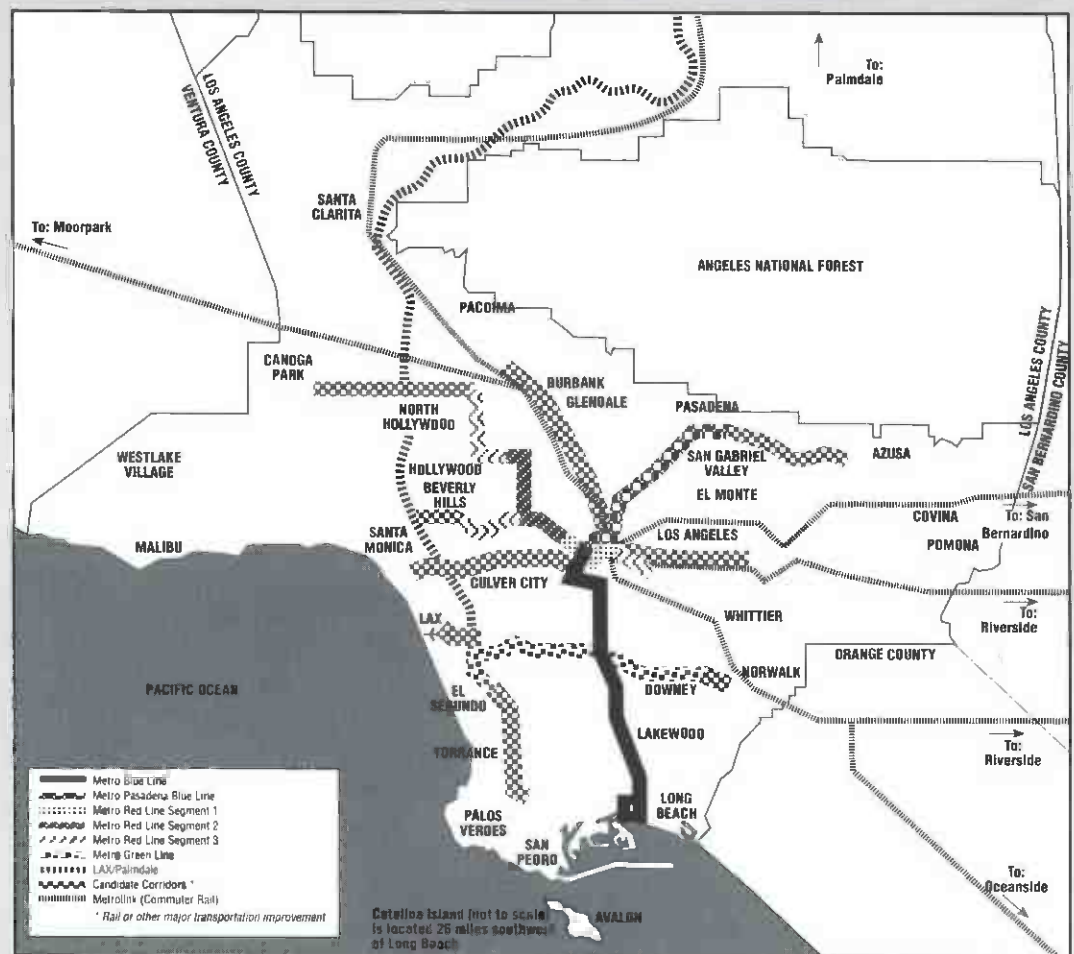


RAIL CONSTRUCTION CORPORATION



Executive Report Rail Program Status



Rail
Construction
Corporation

RAIL PROGRAM STATUS SUMMARY

RAIL PROGRAM STATUS SUMMARY

Metro Pasadena Blue Line			
Cost Status	(\$000)	Project Progress	
Original Budget	841,000	Design	
Expended to Date	62,318 *	Actual:	79%
Current Budget	841,000	Construction	
Schedule Status:		Actual:	0%
Revenue Operations Date:			
Original	November 1997		
Forecast	June 1998		
Metro Green Line (Budget and Forecast excludes North Coast Segment)			
Cost Status	(\$000)	Project Progress	
Original Budget	671,000	Design	
Expended to Date	528,045 *	Actual:	99%
Current Budget	717,802	Construction	
Schedule Status		Actual:	89%
Revenue Operations Date:			
Original	October 1994		
Forecast	May 1995		
Metro Red Line Segment 1			
Cost Status	(\$000)	Project Progress	
Original Budget	1,249,900	Design	
Expended to Date	1,396,372*	Actual:	100%
Current Budget	1,450,019	Construction	
Schedule Status		Actual:	99%
Revenue Operations Date:			
Original	April 1992		
Actual	January 1993		
Metro Red Line Segment 2			
Cost Status	(\$000)	Project Progress	
Original Budget	1,446,432	Design	
Expended to Date	710,065*	Actual:	99%
Current Budget	1,511,681	Construction	
Schedule Status: Revenue Operations Dates:		Actual:	37%
Wilshire	Vermont/Hwyd		
Original Jul '96	Sep '98		
Forecast Jul '96	Sep '98		
Metro Red Line Segment 3 - North Hollywood Extension			
Cost Status	(\$000)	Project Progress	
Original Budget	1,310,822	Design	
Expended to Date	81,693*	Actual:	72%
Current Budget	1,313,661	Construction	
Schedule Status		Actual:	2%
Revenue Operations Date:			
Original	2000		
Forecast	May 2000		

*Expenditure data through June 1994

RAIL PROGRAM STATUS SUMMARY

Metro Red Line Segment 3 - Mid-City Extension			
Cost Status	(\$000)	Project Progress	
Original Budget	490,663	Suspended for Reassessment	
Expended to Date	8,001*	Design	
Current Budget	490,663	Actual:	27%
Schedule Status		Construction	
Revenue Operations Date:		Actual:	0%
Original	1999		
Forecast	1999		
Vehicle Acquisition Project			
Cost Status	(\$000)	Project Progress	
Original Budget	254,000	Design	
Expended to Date	13,151*	Actual:	5%**
Current Budget	254,000	Manufactured	
Schedule Status:		Actual:	5%**
Delivery of Final Cars:			
Original	November 1997		
Forecast	November 1999		
		** Based on Milestone Payments	

* Expenditure data through June 1994

RAIL CONSTRUCTION CORPORATION
PROJECT COST REPORT - TOTAL RAIL PROGRAM
SUMMARY BY COST ELEMENT

STATUS DATE: 07/29/94

(IN THOUSANDS)

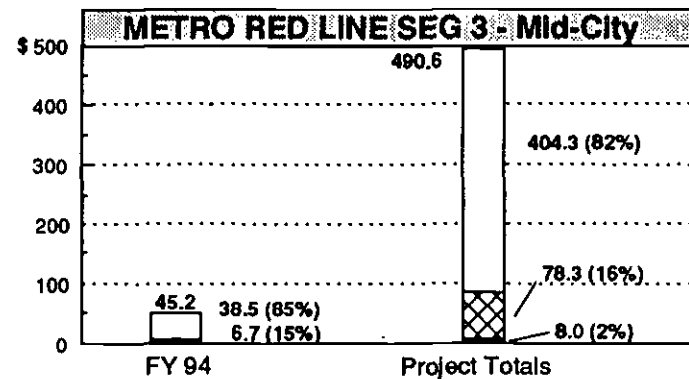
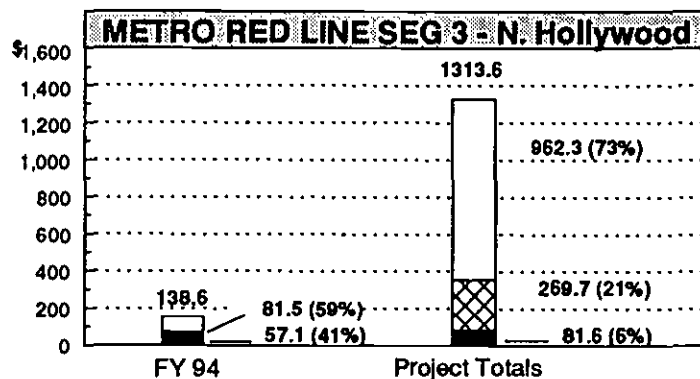
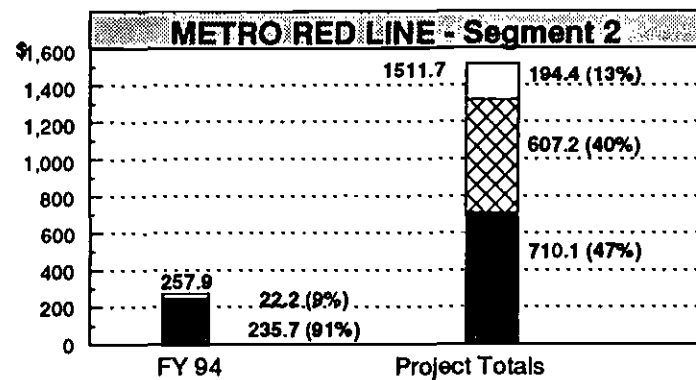
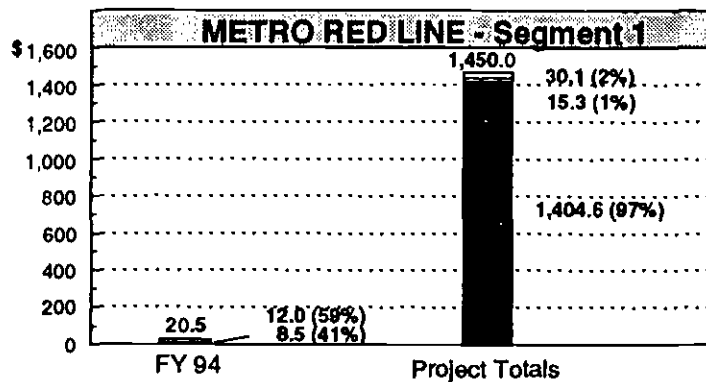
PROJECT: TOTAL RAIL PROGRAM

ELEMENT DESCRIPTION	BUDGET		COMMITMENTS		INCURRED COST		EXPENDITURES		CURRENT	VARIANCE
	ORIGINAL (1)	CURRENT (2)	PERIOD (3)	TO DATE (4)	PERIOD (5)	TO DATE (6)	PERIOD (7)	TO DATE (8)	FORECAST (9)	(9-2) (10)
T CONSTRUCTION	4,523,136	4,589,816	9,374	3,159,420	42,255	2,127,676	47,240	2,068,484	4,664,246	74,430
S PROFESSIONAL SERVICES	1,469,230	1,772,021	6,282	1,349,820	18,396	1,118,595	18,395	1,116,169	1,780,814	8,793
R REAL ESTATE	453,432	522,489	10,643	310,464	15,441	316,517	15,440	316,427	517,193	(5,297)
F UTILITY/AGENCY FORCE ACCOUNTS	132,187	146,936	1,969	112,850	444	88,635	443	88,115	149,903	2,967
D SPECIAL PROGRAMS	11,044	20,884	0	6,295	137	2,889	137	2,889	21,372	488
C CONTINGENCY	464,255	372,447	0	0	0	0	0	0	317,822	(54,624)
A PROJECT REVENUE	(18,115)	(36,585)	0	(820)	0	(6,451)	(1,318)	(7,805)	(35,746)	839
PROJECT GRAND TOTAL	7,035,169	7,388,008	28,270	4,938,030	76,673	3,647,862	80,338	3,584,281	7,415,606	27,598

NEW REQUIREMENTS DESCRIPTION	BUDGET		COMMITMENTS		INCURRED COST		EXPENDITURES		CURRENT	VARIANCE
	ORIGINAL (1)	CURRENT (2)	PERIOD (3)	TO DATE (4)	PERIOD (5)	TO DATE (6)	PERIOD (7)	TO DATE (8)	FORECAST (9)	(9-2) (10)
T CONSTRUCTION	0	56,795	55	43,151	4	23	0	0	48,713	(8,081)
S PROFESSIONAL SERVICES	0	9,238	(321)	4,536	(324)	4,073	(324)	4,073	15,520	6,282
R REAL ESTATE	0	0	0	1	0	0	0	0	0	0
F UTILITY/AGENCY FORCE ACCOUNTS	0	0	0	0	0	0	0	0	0	0
D SPECIAL PROGRAMS	0	0	0	43	0	14	0	14	20	20
C CONTINGENCY	0	2,055	0	0	0	0	0	0	3,732	1,677
A PROJECT REVENUE	0	0	0	0	0	0	0	0	0	0
NEW REQ. SUBTOTAL	0	68,087	(266)	47,732	(319)	4,110	(324)	4,087	67,985	(102)
PROJECT GRAND TOTAL	7,035,169	7,456,095	28,004	4,985,762	76,354	3,651,972	80,014	3,588,368	7,483,591	27,496

This report includes total project costs for the Metro Blue Line of \$877,271.

BUDGET STATUS - July 29, 1994
(in \$ Millions)



BUDGET STATUS - July 29, 1994 (In \$ Millions)

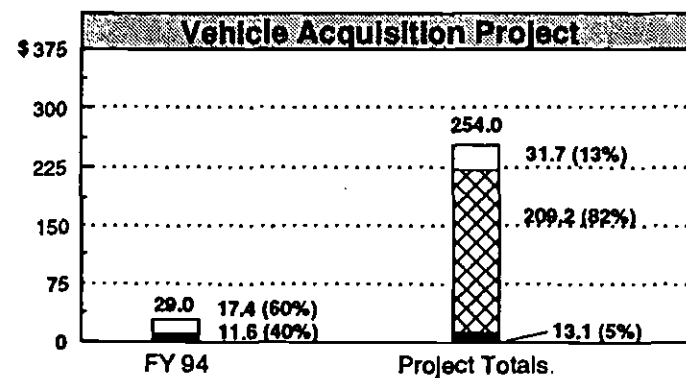
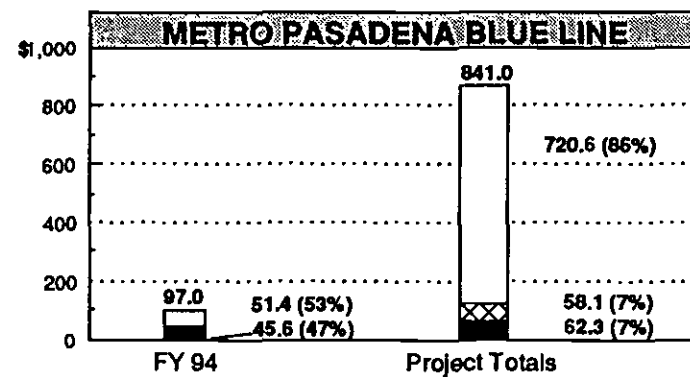
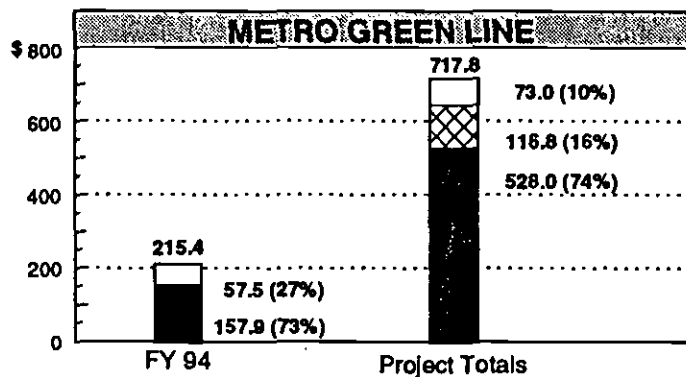
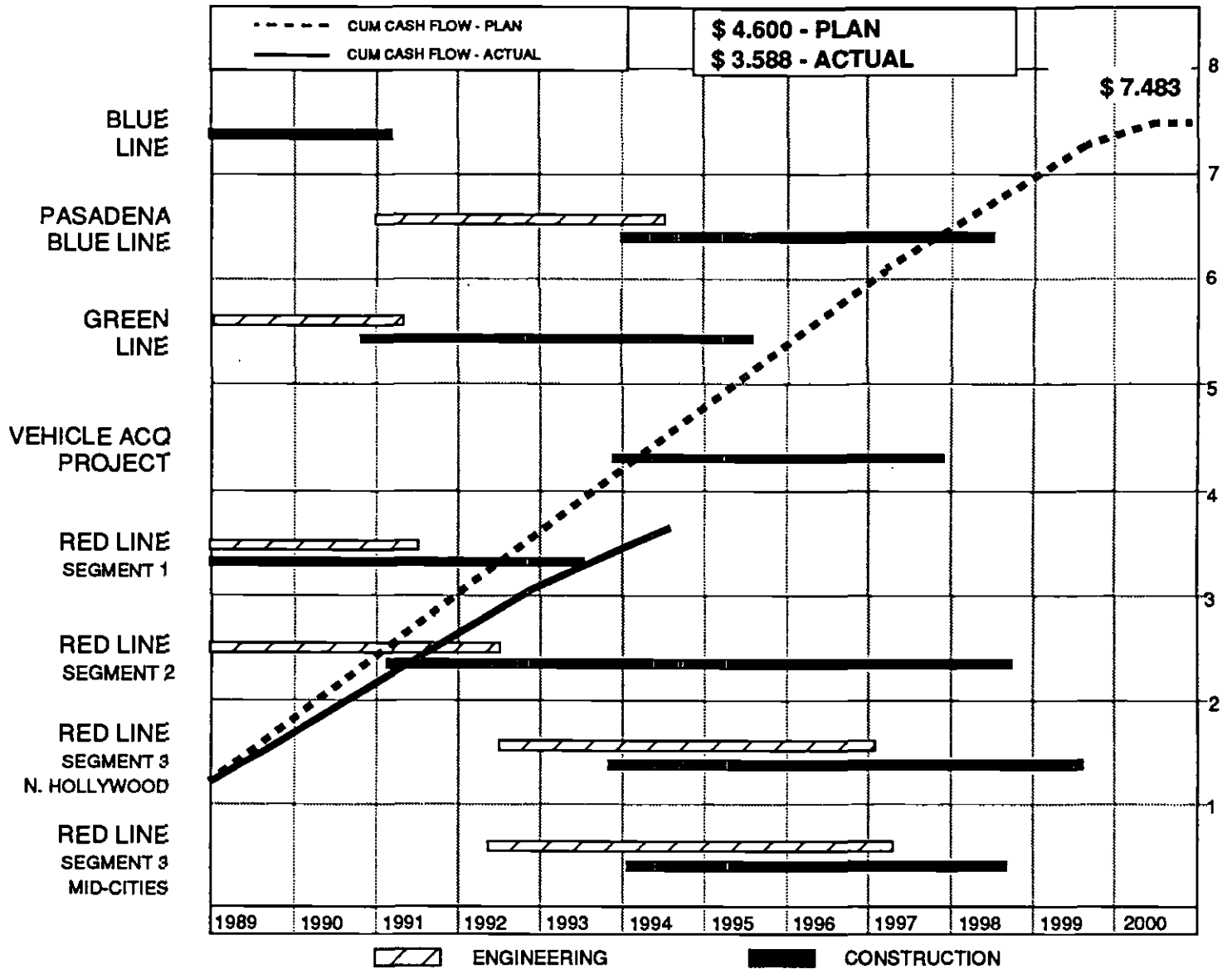


Figure 1 - Rail Construction Plan



RAIL CONSTRUCTION FUNDING SOURCES

(IN MILLIONS)

	METRO BLUE LINE*		PASADENA BLUE LINE		METRO GREEN LINE		METRO RED SEG 1**		METRO RED SEG 2		METRO RED LINE SEG 3 - NH		METRO RED LINE SEG 3 - MC		VEHICLE ACQUISITION PROJECT		TOTAL PROGRAM	
	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%
FTA-SECTION 3							605.3	42	667.0	44	681.0	52	242.6	49			2195.9	29
FTA - OTHER															18.0	7	18.0	0
ISTEA-FED SURFACE TRANSIT PROG											25.0	2	55.4	11	84.0	33	164.4	2
FLEXIBLE CONGESTION RELIEF													26.0	5			26.0	0
FTA-SECTION 9							90.6	6									90.6	1
STATE			337.8	40	106.4	15	210.3	15	185.1	12	190.9	15	72.3	15	33.6	13	1136.4	15
SB 1995 TRUST FUND											53.0	4					53.0	1
PROPOSITION A	877.2	100			205.1	29	179.5	12	440.3	29							1702.1	23
PROP A/C (TRANSIT ENHANCEMENT)									59.3	4							59.3	1
PROPOSITION C			503.2	60	399.9	56					343.8	26	94.4	19	118.4	47	1459.7	20
PROP C (AMERICAN DISABILITY ACT)					6.4	1			5.9	0							12.3	0
CITY OF LOS ANGELES							34.0	2	96.0	6							130.0	2
BENEFIT ASSESSMENT							130.3	9	58.0	4	17.1	1					205.4	3
COST OVERRUN ACCOUNT							200.1	14									200.1	3
CITY OF PASADENA																		
TOTAL	877.2	100	841.0	100	717.8	100	1450.1	100	1511.6	100	1310.8	100	490.7	100	254.0	100	7453.3	100

* CONSISTS OF LIGHT RAIL LINE (\$847) AND MC-5 WORK (\$30).

** LRT PORTION INCLUDED IN BLUE LINE FORECAST.

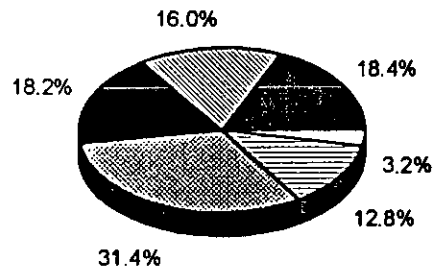
Note: Data reflects current budget.

CONSULTANT CHANGE REQUEST (CCR) CHANGE VOLUME BY COST LEVEL AND BASIS BASED ON EXECUTED CHANGES AS OF 07/29/94

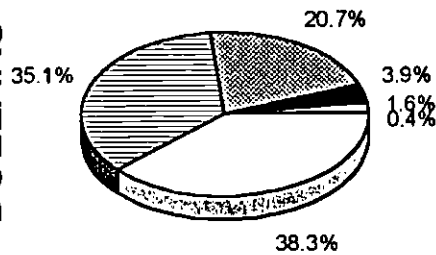
COST LEVEL

Total: \$80 Million

VOLUME



DOLLARS

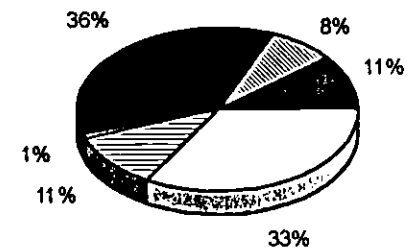
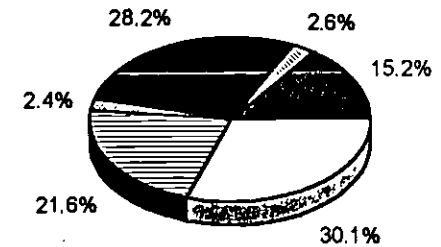


Legend

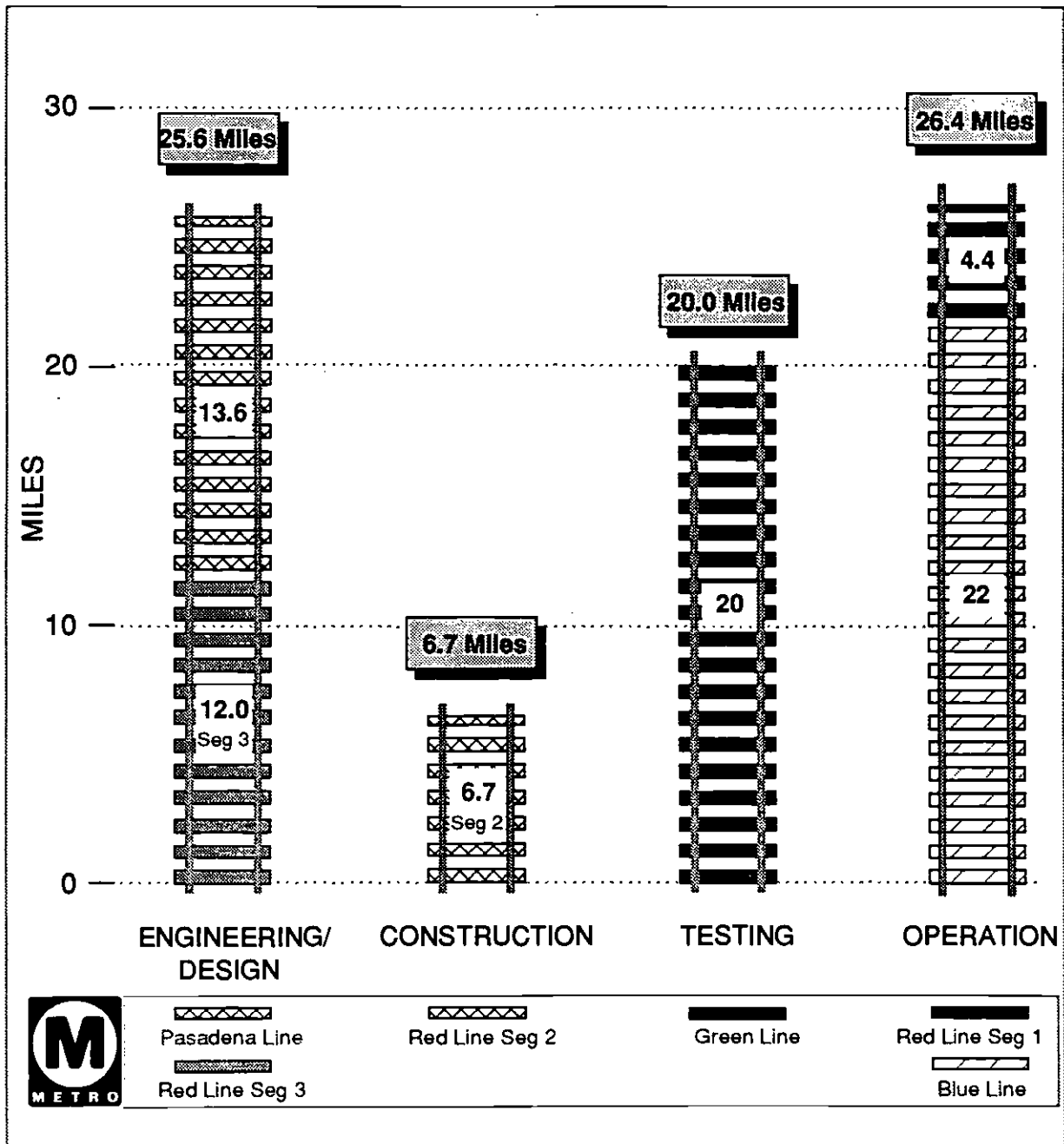
Cost Range		Basis
\$ 0-10K		WORK SCOPE CHANGES
10-25K		SCHEDULE CHANGES
25-50K		DIFFERING CONDITIONS
50-200K		ADMINISTRATIVE
200K-1 MIL		DESIGN CHANGES
ABOVE 1 MIL		MANAGEMENT ISSUES

BASIS

Total: 468



METRO RAIL SYSTEMS PROGRESS REPORT



REAL ESTATE**Figure 3 - Real Estate Acquisition Status Summary**

	Number of Parcels	Number of Parcels Available	Parcels Not Available (on Schedule)	Parcels Not Available (Behind Schedule)	
				Number	Avg. Days Behind
Pasadena Blue Line	155	8	142	TBD*	TBD*
Green Line	39	39	0	0	0
Red Line Seg 2	88	85	3	0	0
Red Line Seg 3 NH	175	30	***	19**	***
Red Line Seg 3 MC***	61	0	54	7**	120

* Due to project reschedule, need dates are under review.
 ** All parcels on the critical path.
 *** Reporting Suspended.

MANAGEMENT ENGINEERING AND ADMINISTRATION COSTS

The corporate goals of the RCC include limitations on the percentage of total project costs which will be spent on project administration and on RCC/LACTC staff.

The RCC corporate goal for project administration costs is 20%. The current forecast data for project administration costs totals 24.27% which exceeds the corporate goal by 4.3%. The percentage includes all costs previously expended by the SCRTD when the Metro Red Line Segment 1 project was under SCRTD management.

Staff costs are projected at 4.22% of total program costs, which just exceeds the 4% corporate goal by 0.2%. Figure 6 illustrates the forecast figures for each project and for total program.

Figure 6 - Cost Performance Relative to Corporate Goals

IN THOUSANDS

	METRO BLUE LINE		METRO PASADENA BLUE LINE		METRO GREEN LINE		METRO RED LINE SEGMENT 1		METRO RED LINE SEGMENT 2		METRO RED LINE SEGMENT 3 NH		METRO RED LINE SEGMENT 3 MC		VEHICLE ACQUISITION PROJECT		TOTAL PROGRAM		CORP GOAL
	DOLLARS	PERCENT	DOLLARS	PERCENT	DOLLARS	PERCENT	DOLLARS	PERCENT	DOLLARS	PERCENT	DOLLARS	PERCENT	DOLLARS	PERCENT	DOLLARS	PERCENT	DOLLARS	PERCENT	
CONSTRUCTION	657,487	74.95%	507,725	58.70%	487,642	67.94%	812,270	56.11%	1,038,750	68.71%	793,556	60.42%	329,211	67.10%	232,370	90.21%	4,859,011	64.93%	
REAL ESTATE	55,592	6.34%	74,308	8.59%	29,047	3.63%	140,000	9.66%	86,860	5.75%	85,842	6.54%	48,543	9.89%	0	0.00%	517,192	6.91%	
PROFESSIONAL SERVICES:																			
ENGINEERING/DES	69,587	7.93%	78,219	9.04%	81,794	11.40%	221,659	15.29%	148,254	9.81%	70,755	5.39%	38,708	7.48%	7,625	2.96%	714,599	9.55%	
CONSTR MGMT.	91,642	10.45%	72,185	8.35%	72,337	10.08%	116,429	8.03%	132,973	8.80%	103,147	7.85%	35,000	7.13%	0	0.00%	623,713	8.33%	
STAFF	17,655	2.01%	34,472	3.99%	27,007	3.65%	95,558	6.59%	57,898	3.83%	57,678	4.39%	19,627	4.00%	5,336	2.07%	315,829	4.22%	4%
OTHER	14,222	1.62%	24,905	2.88%	18,020	2.51%	32,671	2.25%	24,067	1.59%	36,459	2.78%	11,647	2.37%	0	0.00%	161,991	2.16%	
SUBTOTAL	193,106	22.01%	209,781	24.25%	199,758	27.83%	466,317	32.16%	363,193	24.02%	268,037	20.41%	102,980	20.99%	12,961	5.03%	1,816,132	24.27%	20%
UTILITY/FORCE ACC													5,088	1.04%			5,088	0.07%	
CONTINGENCY	963	0.11%	73,187	8.46%	9,924	1.38%	31,432	2.17%	23,321	1.54%	165,979	12.64%	4,841	0.99%	12,267	4.78%	321,914	4.30%	
PROJECT REVENUE	(29,877)	-3.41%		0.00%	(5,569)	-0.78%		0.00%	(300)	-0.02%	0	0.00%	0	0.00%	0	0.00%	(35,746)	-0.46%	
GRAND TOTAL	877,271	100.00%	865,000	100.00%	717,802	100.00%	1,450,019	100.00%	1,511,824	100.00%	1,313,414	100.00%	490,663	100.00%	257,596	100.00%	7,483,591	100.00%	

NOTE: Data reflects Current Forecast.

**RAIL CONSTRUCTION CORPORATION (RCC)
PROJECT MANAGEMENT OVERSIGHT CONSULTANT
ITEMS FOR RCC ACTION**

The following items reflect action requirements identified in the July Project Report submitted to RCC by the Project Management Oversight Consultant, Fluor Daniel, Inc.

NEW - July 1994

No New Items

ONGOING

Concern: Pasadena Blue Line (PBL) budget fluctuations and design changes may impact the designers' ability to complete work elements within the current estimates.

Action: Each active design contract should be reviewed to determine current cost status and estimated cost to complete.

Status: Under RCC review.

Concern: The EMC should complete a Design Management Plan for the PBL Project.

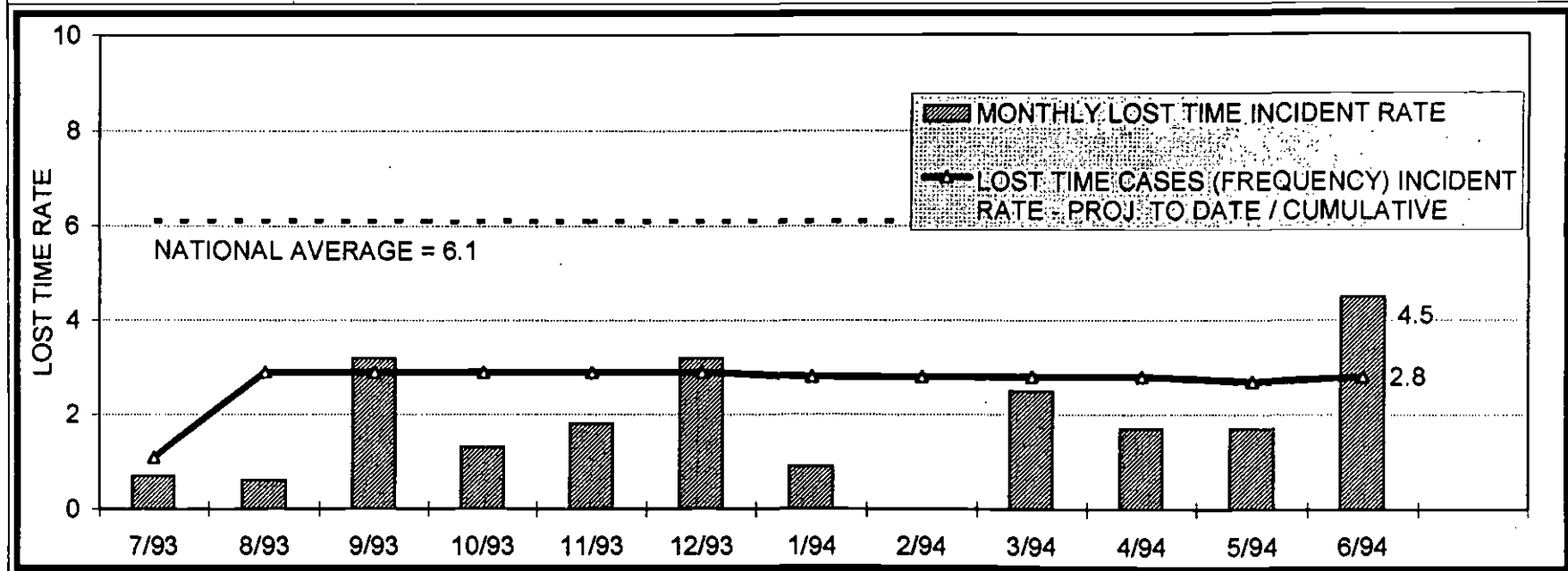
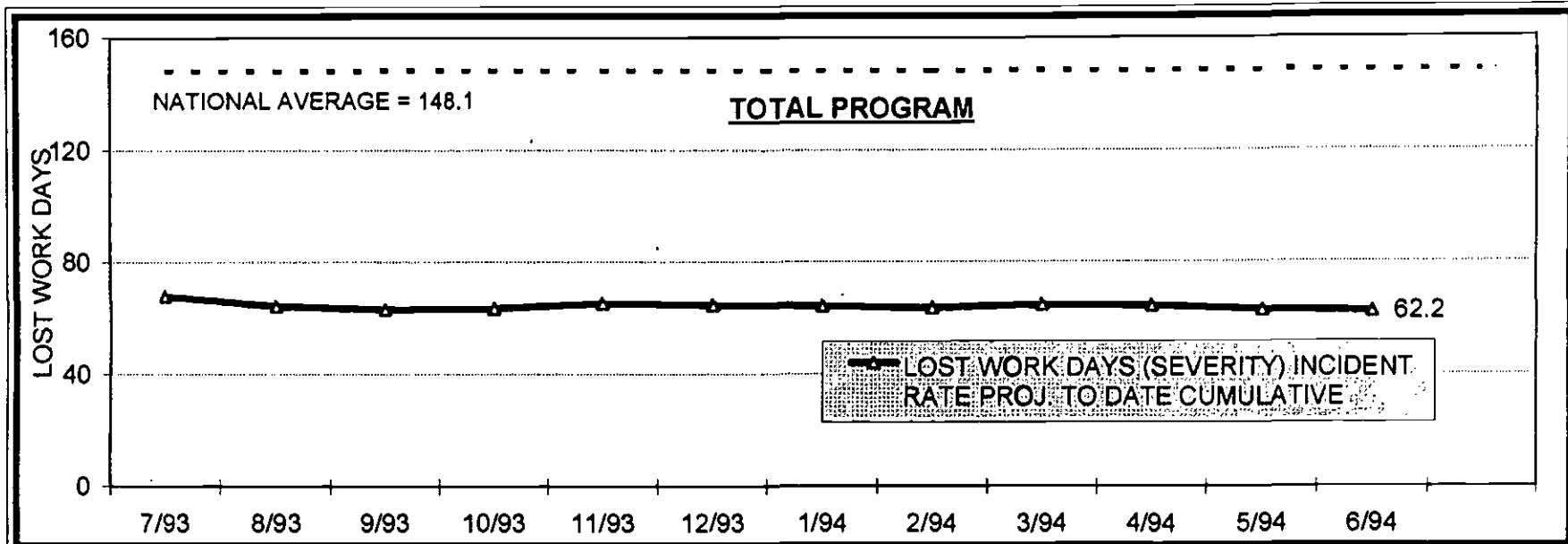
Action: The PBL staff should direct the EMC to complete this management tool.

Status: Under RCC review.

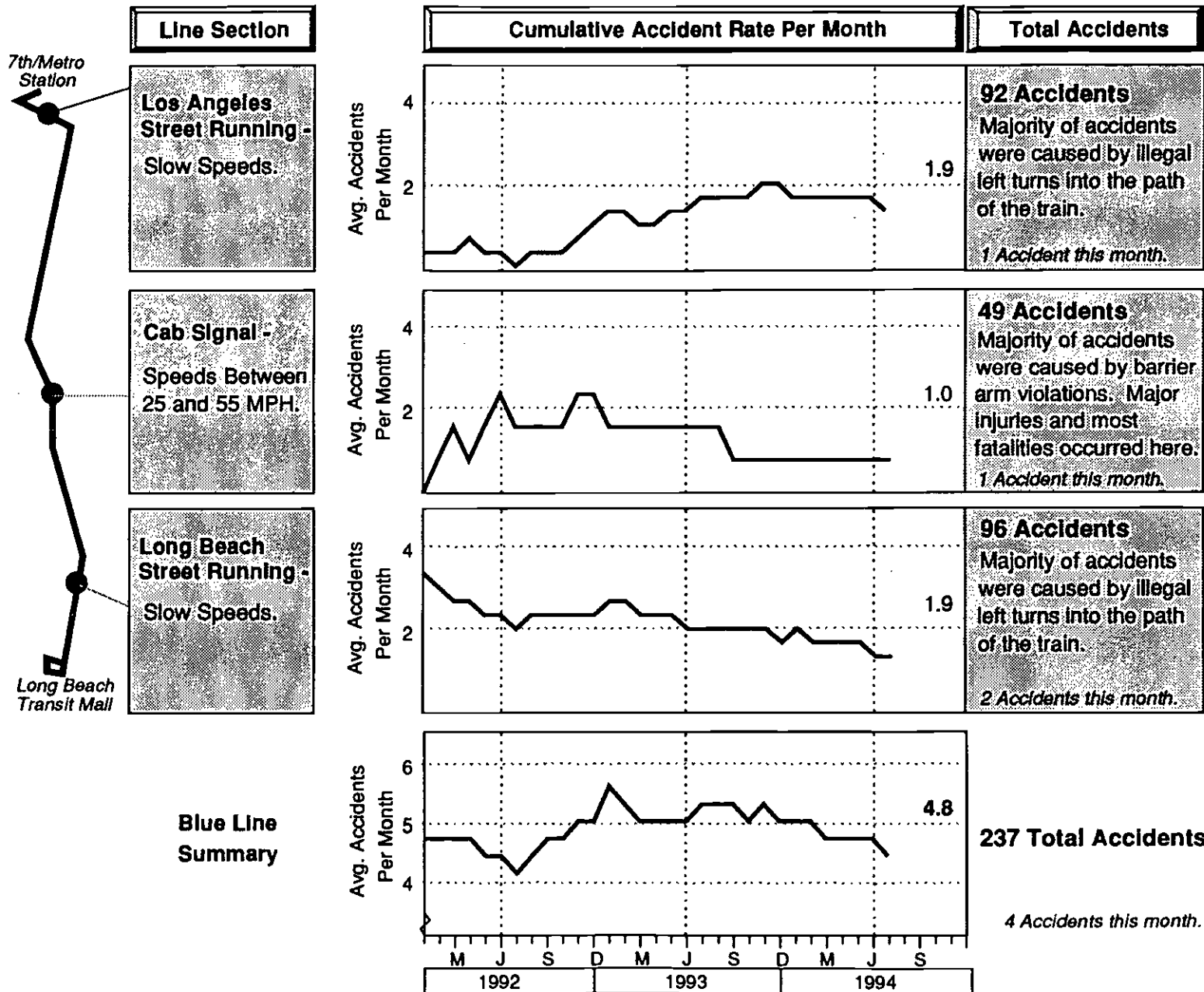
RESOLVED

No New Items

**Summary of Lost Time Accidents (FREQUENCY)
and Lost Work Days (SEVERITY)**



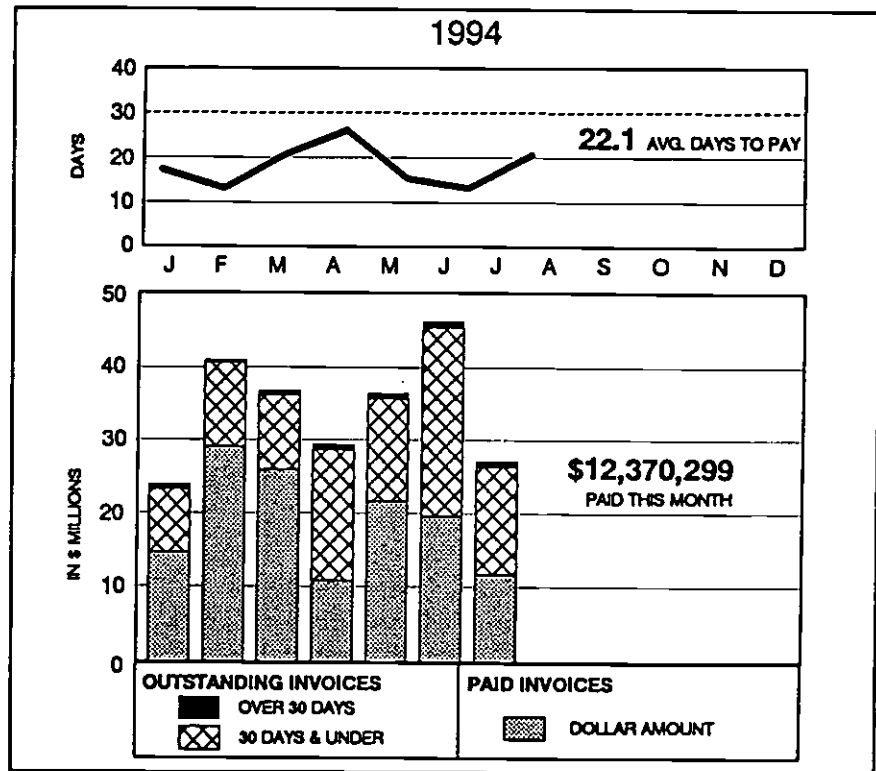
METRO BLUE LINE GRADE CROSSING INCIDENT STATUS



INVOICE PROCESSING

- The average time taken to pay invoices for Construction and Procurement contracts (including Insurance) was 22.1 days.
- 27 invoices were paid this month for a total value of \$12,370,299.
- There were 41 outstanding Construction or Procurement invoices under 30 days old for \$15,234,506.
- There were 5 outstanding Construction or Procurement invoices over 30 days for \$866,404.

Construction/Procurement Invoice Status



Note: The average days to pay is the time from when the Resident Engineer approves a progress payment (invoice) to when Accounting issues a check for this invoice.

OUTSTANDING INVOICES

Month	Construction/Procurement Invoices				Other Invoices			
	30 Days and Under		Over 30 Days		30 Days and Under		Over 30 Days	
	Number of Invoices	Dollar Value	Number of Invoices	Dollar Value	Number of Invoices	Dollar Value	Number of Invoices	Dollar Value
APR 1994	26	18,485,465	3	876,144	69	9,138,002	30	472,307
MAY 1994	29	14,543,159	3	876,144	68	8,439,847	39	454,972
JUN 1994	47	26,685,398	5	952,774	86	14,064,176	62	299,844
JUL 1994	41	15,234,506	5	866,404	62	8,132,654	55	540,007

RAIL CONSTRUCTION CORPORATION
PRE CONTRACT STATUS SCHEDULE
SUMMARY LOOK AHEAD
90 Days
R05 Pasadena Blue Line

Page: 2

UPDATE:03-Aug-94

Cont. No.	Contractor/Description	Contract Type	85% Design Approval	IFB/RFP Ready	Advertise Date	Pre-Bid Meeting	Bid Opening	Bid Report Complete	RCC Board Approval	Comm. Approval	Contracts Lead\Engineering Lead\Project Controls Lead
C6390	Chinatown Aerial	FP			10/20/94						VRANESH \BALL \PIERCE

RAIL CONSTRUCTION CORPORATION
PRE CONTRACT STATUS SCHEDULE
SUMMARY LOOK AHEAD
90 Days
R81 Metro Red Line Segment 2

Page: 3

UPDATE:03-Aug-94

Cont. No.	Contractor/Description	Contract Type	85% Design Approval	IFB/RFP Ready	Advertise Date	Pre-Bid Meeting	Bid Opening	Bid Report Complete	RCC Board Approval	Comm. Approval	Contracts Lead\Engineering Lead\Project Controls Lead
B290	ANCILLARY CONSTRUCTION AND MAIN				09/05/94	09/22/94	11/02/94	11/18/94	12/05/94	12/28/94	MAHAFFEY \ \

RAIL CONSTRUCTION CORPORATION
PRE CONTRACT STATUS SCHEDULE
SUMMARY LOOK AHEAD
90 Days
R82 Metro Red Line Segment 3

Page: 4

UPDATE:03-Aug-94

Cont. No.	Contractor/Description	Contract Type	85% Design Approval	IFB/RFP Ready	Advertise Date	Pre-Bid Meeting	Bid Opening	Bid Report Complete	RCC Board Approval	Comm. Approval	Contracts Lead\Engineering Lead\Project Controls Lead
C0329	Universal City Demolition for C0311/0321	Unit			09/07/94	09/28/94	10/26/94	11/07/94	11/14/94	11/23/94	Mendoza \Givens \Williams
C0351	North Hollywood Station	Unit			10/03/94	10/25/94	11/22/94	12/13/94	01/09/95	01/25/95	Gatewood \Mori \Williams
C0358	North Hollywood Demolition	Lump			08/08/94	08/17/94	09/13/94	09/21/94	10/17/94	10/26/94	Mendoza \Mori \Williams

EXECUTIVE SUMMARY

The Final Design progress for the month of July is 69% vs 71% planned. The Pasadena Blue Line design is continuing with the In-Progress submittal for the redesign of Contracts C6475, Mission Station, and C6480, Chinatown Station. Design review meetings were conducted on Contract C6490, Union Station; C6480, Avenue 26 and French Stations; and C6450, Del Mar to Memorial Park Line Segment.

The Value Engineering study for Contract C6540, Del Mar to Memorial Park Line Segment, continued. Potential cost savings are being estimated.

The Camera Ready Submittals are underway for line segment Contracts C6420 and C6440 from Los Angeles River Bridge to Del Mar. The 210 Freeway bridge modifications are under review by Caltrans. The station designs are continuing on all station contracts.

Temporary shoring for excavation support at foundations of the new Los Angeles River bridge is complete. Installation of steel soldier piles as part of the new bridge foundation is complete. Excavation for footings in the channel continued. Concrete for the remaining CIDH piles on the west bank are in progress. Deficiencies in 3 piles due to rebar cages being misaligned are being evaluated. The Contractor's proposal was received and is currently under review.

The Bid opening for Contract P2100, Precast Concrete Ties, was held on July 20, 1994. The Bid evaluation has been completed with Board action scheduled in August.

Board approval for Contract C6430, Arroyo Seco Bridge Reconstruction, was delayed pending review of minority subcontractors by the Inspector General. Board approval expected in August with Notice to Proceed in mid-September.

The MTA Art-for-Rail Program staff continue to work closely with the station artists. Presentations on station and artist concepts are continually being made to MTA, the involved cities and community groups.

EXECUTIVE SUMMARY (con't)

COST STATUS (in millions)

- Current Budget \$841
- Current Forecast \$865 (A)

(A) Includes an estimated \$5 million in grant monies to be sought in FY 95 for the "Urban Greenways" Program and the additional administrative and escalation costs associated with the present forecasted ROD date of June 1998. Both items are not included in the current budget.

SCHEDULE STATUS

- Current Approved Revenue Operations Date November 1997
- Forecast Revenue Operations Date June 1998
- Design Progress
 - Final Design Progress - Actual 69%
 - Overall Design Progress - Actual 79%
- Construction Progress (B)
 - Los Angeles River Bridge Progress - Actual 09%
 - Overall Construction Progress - Actual < 01%

(B) Mobilization started on February 17, 1994. Notice to Proceed was given to Kiewit Pacific for Contract C6410, Los Angeles River Bridge.

REAL ESTATE STATUS

MONTH	NUMBER OF PARCELS	PARCELS AVAILABLE	PARCELS NOT AVAILABLE (ON SCHEDULE)	PARCELS NOT AVAILABLE (BEHIND SCHEDULE)	
				NUMBER	AVG DAYS BEHIND
THIS MONTH	155	8	142	TBD *	TBD *
LAST MONTH	150	8	142	TBD	TBD

* Due to project reschedule, need dates are under review.

EXECUTIVE SUMMARY (con't)

AREAS OF CONCERN

ONGOING

Yard Site Location

Concern: A temporary maintenance facility at the Midway Yard has been formally adopted as part of the baseline scope of work. Limited Notice to Proceed has been issued for the redesign to incorporate cost reduction measures for the yard.

Action: EMC and RCC are continuing to work to resolve the engineering and budget issues related to the provision for an Elysian Park fire line access road, yard and shop design, and other operational issues.

Status: Negotiation of the redesign costs is complete with EMC and the Section Designer. The contract change request has been accepted. Preparation of Board Report is in progress.

Ratkovich Interface at LAUPT

Concern: Location of the LRT terminus at Union Station and aerial guideway alignment on Vignes Street involves interface the Ratkovich Villanueva Partnership. The alignment crosses Ratkovich's interests at two locations along the Terminal Annex property.

Action: Negotiation of the easement is required with Ratkovich. Completion of Chinatown Aerial Structure Camera Ready design submittal is on hold.

Status: MTA/Catellus agreement has been executed. Ratkovich continues to be unwilling to negotiate without changes in the aerial structure design, which would require redesign and additional right-of-way. MTA is considering alternative alignments and is re-evaluating adoption of updated seismic design criteria which requires changes in the aerial structure design. A decision has been delayed until August.

AREAS OF CONCERN (con't)**Real Estate**

- Concern:** The real estate acquisition effort is behind schedule. In-Progress and Final designs include additional parcels to be certified and acquired.
- Action:** The Pasadena Project team has facilitated bi-weekly parcel acquisition schedule meetings with LACMTA and EMC real estate personnel.
- Status:** Certifications are being completed. Appraisals are in progress. A priority list for real estate acquisitions is being updated for the project to reflect the approved fiscal year budget.

Del Mar Station

- Concern:** The north ticket vending machine area and design/interface of the TPS site location and configurations within the transportation center proposed by the City of Pasadena are the two aspects of the Del Mar park-and-ride facility have potential impacts on Contract C6500's Final Design. Value Engineering of C6450, Del Mar to Memorial Park Line Segment, may affect Del Mar Station. Discussion on the City's proposed transportation center is continuing.
- Action:** RCC is continuing discussions with the City on site development to provide direction to EMC for final station design.
- Status:** MTA has opened escrow for purchase of the Catellus property at the Del Mar site. Preparation of a Memorandum of Understanding outlining terms and conditions for the transportation center is in progress. Design is continuing towards the Pre-Final submittal.

AREAS OF CONCERN (con't)

Sierra Madre Villa Station

Concern: Selection of an alternative station site is required over the original Space Bank site due to potentially serious hazardous material on the property.

Action: RCC is reviewing technical and environmental issues at the station sites. MTA Board approval of alternative site is required.

Status: The MTA Board has approved the selection of the SMV station site. Preparation of offer to purchase the Johnson & Johnson site is in progress. A satisfactory resolution on the potential historical aspects of existing building architecture is expected.

Marmion Way Corridor

Concern: Evaluation of betterments on Marmion Way between Avenue 50 and Avenue 60 has increased project design and construction costs.

Action: Agreement is required from City of Los Angeles for betterment issues.

Status: Notification has been issued to affected City agencies. The City has responded that the improvements identified by RCC as betterments are not betterments. Decision is required for direction to EMC to remove the betterments defined from the construction documents.

AREAS OF CONCERN (con't)

NEW

Del Mar to Memorial Park Line Segment

Concern: Design is on hold pending further evaluation of Holly Street "open" and completion of the Value Engineering Study.

Action: EMC is proceeding with evaluation and value engineering tasks. Cost sharing by the City of Pasadena is required.

Status: Engineering tasks will be completed in mid-August. City of Pasadena will be asked to formally accept RCC's cost sharing proposal.

RESOLVED

Midway Yard Site Location: The negotiations for redesign completed. Limited NTP was given to EMC.

KEY ACTIVITIES - JULY

- Partial In-Progress Submittal for C6480, Redesign of Chinatown Station.
- In-Progress Submittal for C6475, Redesign of Mission Street Station.
- On going Value Engineering for C6450, Del Mar to Memorial Park Line Segment.
- Design review meetings to be held on the following contracts: C6440, Arroyo Seco to Del Mar Line Segment; C6450 Del Mar to Memorial Park Line Segment; C6490, Union Station; and C6520 Memorial Park Station.
- Construction on Contract C6410 (LA River Bridge) and C7300 (Union Station East Wall) continuing.
- Preparation for Camera Ready Submittals in progress on the line segments Contracts C6420 and C6440.

KEY ACTIVITIES - PLANNED FOR AUGUST

- Complete appraisals for Terminal Annex easement and submit offer to Ratkovich.
- Negotiate key contract change request on design changes with EMC.
- Complete Value Engineering for C6450, Del Mar to Memorial Park Line Segment.
- Obtain MTA Board approval for Sierra Madre Villa Station site.
- Close escrow with Catellus for Del Mar Station site in Pasadena.
- Continue Public Affairs and Art Program meetings with Community Advisory Committees representing the cities of Los Angeles, South Pasadena and Pasadena.
- Submit the Pre-Final Design Submittal of C6510, Allen and Lake Stations.
- Complete the Fluor Daniel's evaluation of proposed seismic design criteria.

RCC
Project: R05

RAIL CONSTRUCTION CORPORATION
PASADENA BLUE LINE
Project Cost by Element

Page: 1
Report Date: 12-Aug-94
Status Date: 29-Jul-94

(\$ x 000's)

Description	----- Budget -----		--- Commitments ---		--- Incurred Cost ---		----- Expenditures -----		Current	
	Original (1)	Current (2)	Period (3)	To Date (4)	Period (5)	To Date (6)	Period (7)	To Date (8)	Forecast (9)	Variance (9-2)
T Construction	515,171	473,523	1,379	42,869	906	5,825	109	3,584	485,567	12,043
S Professional Services	183,206	197,415	500	73,410	3,691	56,774	3,691	56,774	202,877	5,462
R Real Estate	68,100	72,308	56	615	26	306	26	306	74,308	2,000
F Utility/Agency Force Accounts	8,442	21,997	0	3,121	26	1,432	26	1,432	22,159	162
D Special Programs	3,377	4,402	0	386	25	222	25	222	6,904	2,502
C Contingency	62,705	71,355	0	0	0	0	0	0	73,187	1,832
A Project Revenue	0	0	0	0	0	0	0	0	0	0
Project Grand Total :	841,000	841,000	1,935	120,402	4,674	64,559	3,877	62,318	865,000	24,000

NOTE: REFER TO APPENDIX FOR REPORT DEFINITIONS - EXPENDITURES LAG ONE MONTH

PASADENA BLUE LINE

JULY 1994

RAIL CONSTRUCTION CORPORATION
METRO RAIL PASADENA LINE PROJECT
(IN THOUSANDS OF DOLLARS)

04-Aug-94

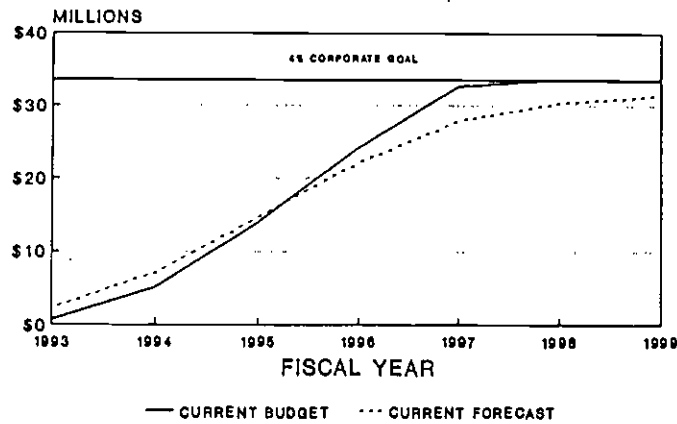
JULY 94

STATUS OF FUNDS BY SOURCE

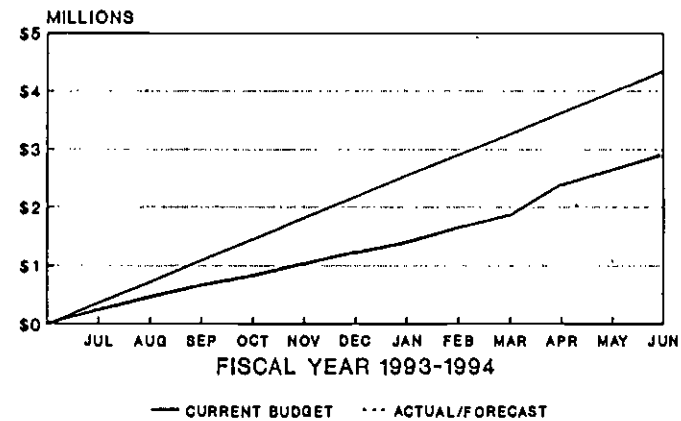
SOURCE	TOTAL FUNDS ANTICIPATED	TOTAL FUNDS AVAILABLE	COMMITMENTS		EXPENDITURES		BILLED TO SOURCE	
			\$	%	\$	%	\$	%
STATE PROP 108	\$21,200	\$0	\$0	0%	\$0	0%	\$0	0%
STATE RAIL BOND	\$316,600	\$0	\$0	0%	\$0	0%	\$0	0%
PROP C (HIGHWAY 25%)	\$162,698	\$0	\$0	0%	\$0	0%	\$0	0%
PROP C (40% DISC.)	\$340,502	\$86,841	\$120,402	35%	\$62,318	18%	\$62,318	18%
TOTAL	\$841,000	\$86,841	\$120,402	14%	\$62,318	7%	\$62,318	7%

NOTES: EXPENDITURES ARE THROUGH JUNE 1994.

AGENCY COSTS PASADENA LINE



FISCAL YEAR 1994 AGENCY COSTS PASADENA LINE



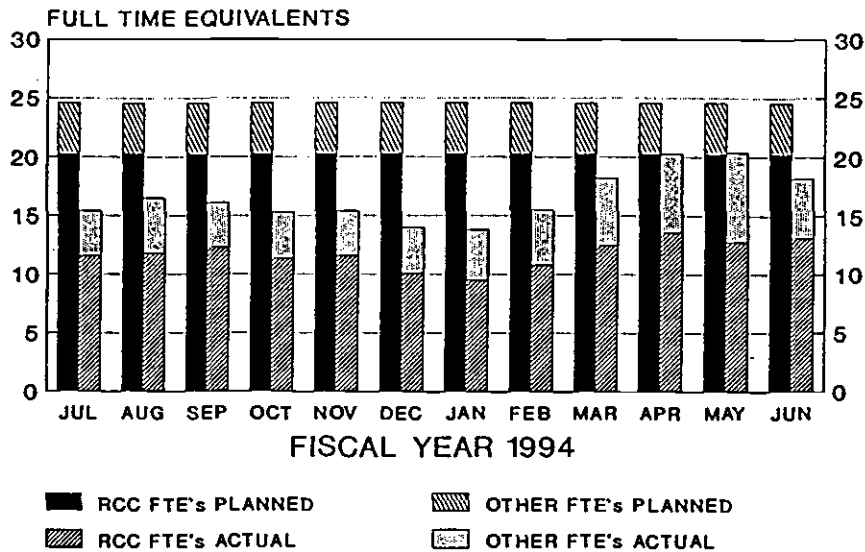
PROJECT AGENCY COSTS PASADENA LINE (\$000)

TOTAL PROJECT BUDGET	\$ 841,000
CURRENT BUDGET	\$ 33,640
CURRENT FORECAST	\$ 31,354
ACTUAL THROUGH FY 93	\$ 2,342

FISCAL YEAR 1994 AGENCY COSTS PASADENA LINE (\$000)

CURRENT BUDGET	\$ 4,347
CURRENT FORECAST	\$ 2,892
BUDGET PLAN TO DATE	\$ 4,347
ACTUAL TO DATE	\$ 2,892

RCC STAFFING PLAN VS. ACTUAL PASADENA LINE



FY'94 Budget

PASADENA LINE STAFFING PLAN FISCAL YEAR 1994

RCC FTE's PLANNED	21
RCC FTE's ACTUAL	13
OTHER FTE's PLANNED (*)	5
OTHER FTE's ACTUAL	7
TOTAL FTE's PLANNED	25
TOTAL FTE's ACTUAL	26

(*) Other FTE's :

- Contract Compliance
- Minority Outreach
- Art Program
- Area Team
- Contract Accounting
- Risk Management
- Real Estate

COSTS SHOWN ARE FOR
PROJECT R05 ONLY.

R05 - Pasadena Blue Line
PROJECT CHANGE VALUES ONLY

PROJECT CHANGE ACTIVITY SUMMARY:
CHANGES V. BOARD APPROVED CHANGE CONTINGENCY
AS OF 08/10/94

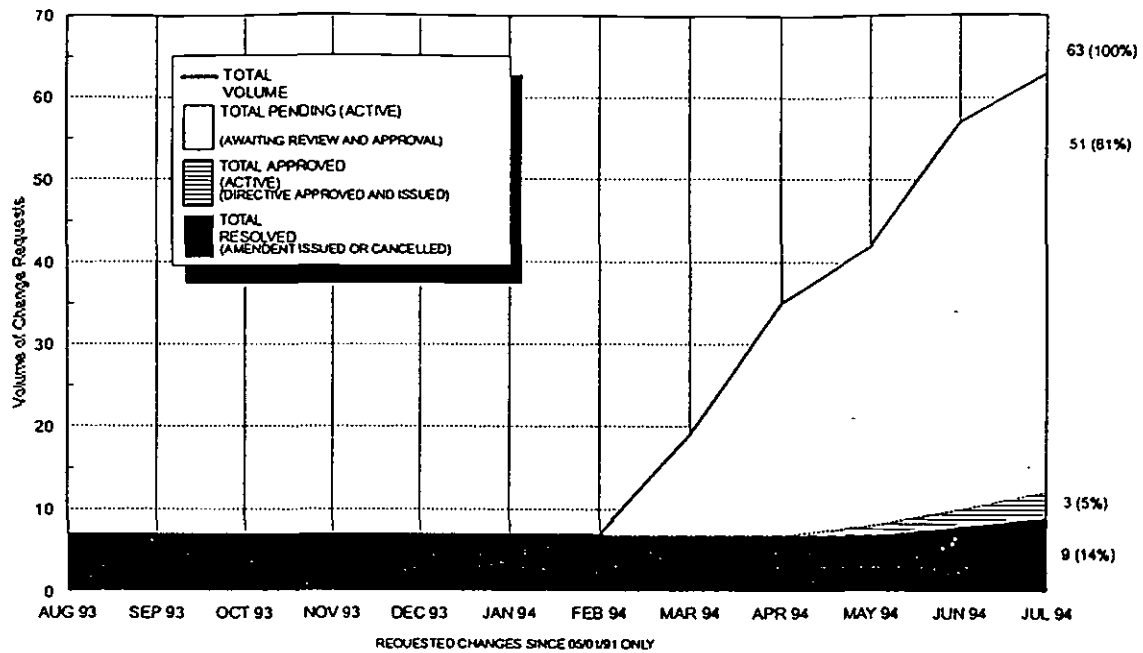
MTA APPROVED CONTRACT AWARD		MTA APPROVED CHANGE CONTINGENCY (CTG)			APPROVED CHANGES TO DATE					REMAINING CONTINGENCY	PROJECTED			
CONTRACT	AWARD VALUE	% ALLOWED	CURRENT \$ ALLOWED	TOTAL APPROVED AFE (R05)	APPROVED CHANGES	CURRENT CONTRACT VALUE	% INCR	% CTG USED	% COMP. LETE	CURRENT UNUSED ALLOWANCE	PENDING CHANGES	REMAINING FORECAST CONTINGENCY	% CTG USED	% INCR
A.	B.	C.	D.	E.(B+D)	F.(1)	G.(B+F)	H.(2)	I.	J.	K.(D-F)	L.(3)	M.(K-L)	N.	O.
*B611	\$4,445,450	10%	\$444,545	\$4,889,995	\$0	\$4,445,450	0.0%	0%	%	\$444,545	\$0	\$444,545	0%	0.0%
C641D	\$12,758,037	10%	\$1,275,804	\$14,033,841	\$147,580	\$12,905,617	1.2%	12%	0%	\$1,128,224	\$72,580	\$1,055,664	17%	1.7%
C7300	\$0	***%	\$0	\$0	\$0	\$0	***%	***%	0%	\$0	\$0	\$0	***%	0.0%
EN028	\$0	***%	\$0	\$0	\$0	\$0	***%	***%	0%	\$0	\$0	\$0	***%	***%
EN031	\$0	***%	\$0	\$0	\$0	\$0	***%	***%	0%	\$0	\$0	\$0	***%	***%
PM601	\$0	***%	\$0	\$0	\$0	\$0	***%	***%	0%	\$0	\$0	\$0	***%	***%
	\$17,203,487	10%	\$1,720,349	\$18,923,836	\$147,580	\$17,351,067	0.9%	9%	%	\$1,572,769	\$72,580	\$1,600,209	13%	1.3%

II - AFE increase required

I - AFE increase MAY be required to cover pending changes.

[*] Costs shared with other projects. Costs shown are for R05 ONLY. [1] Includes both executed CO's and authorized (WACN) changes [2] % Increase over original award [3] Logged contract changes ONLY

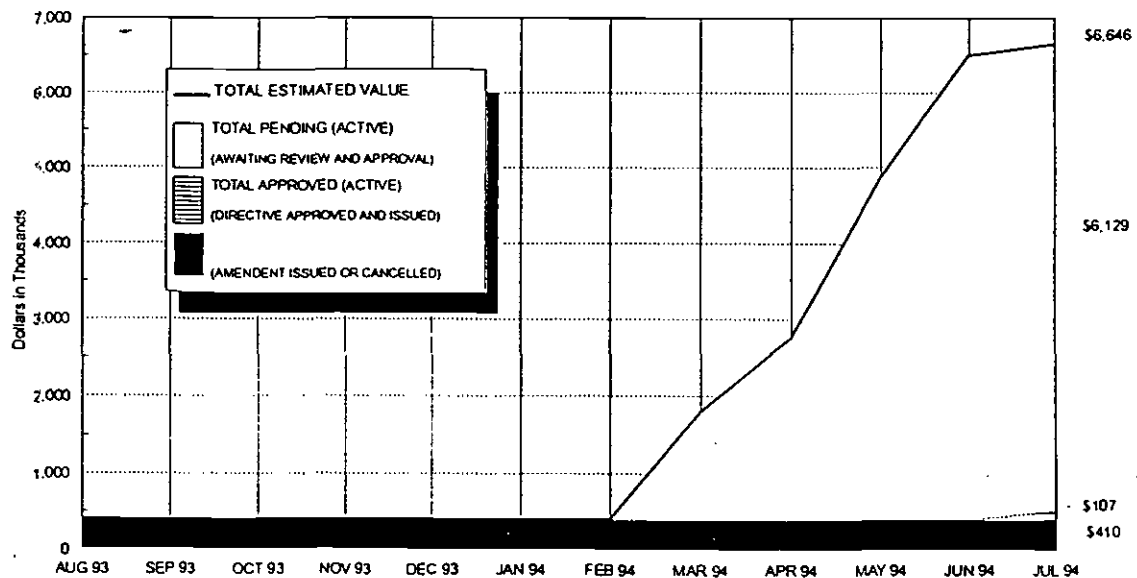
CONSULTANT CONTRACT CHANGE SUMMARY
PASADENA BLUE LINE CONSULTANT CHANGE REQUEST VOLUME



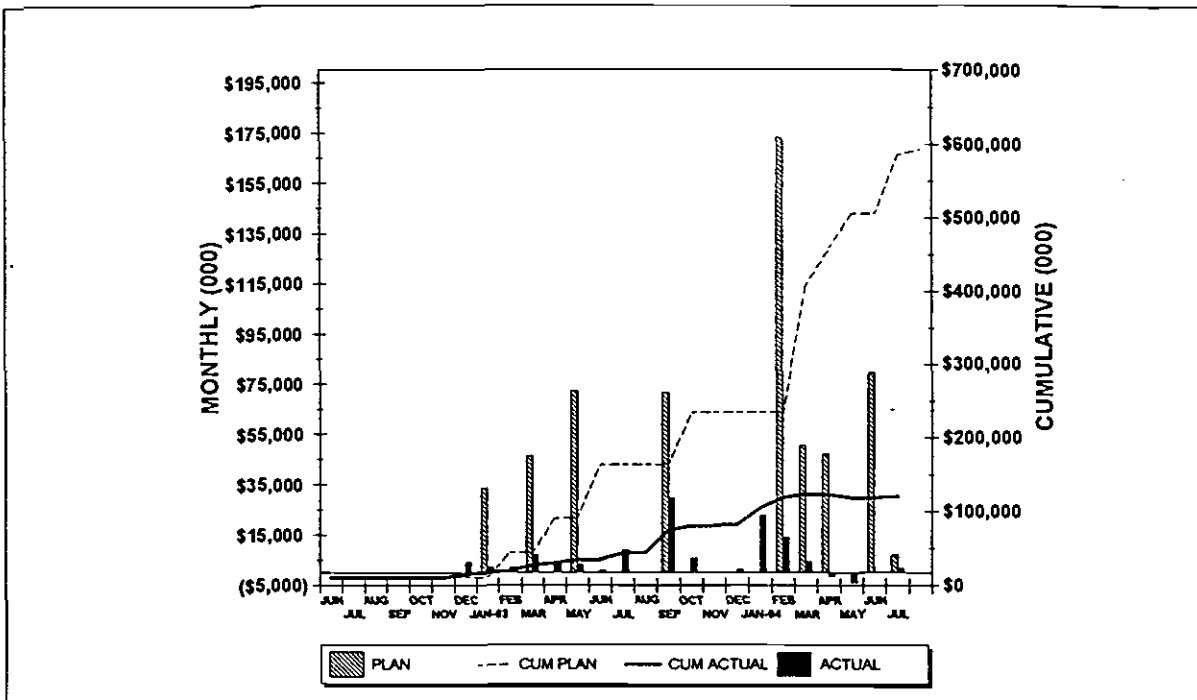
AGE OF UNRESOLVED CONSULTANT CHANGES

TIME	0-30 DAYS	30-60 DAYS	61-90 DAYS	OVER 90	TOTAL ACTIVE
VOLUME	20	14	11	9	54
PERCENT	37%	26%	20%	17%	100%

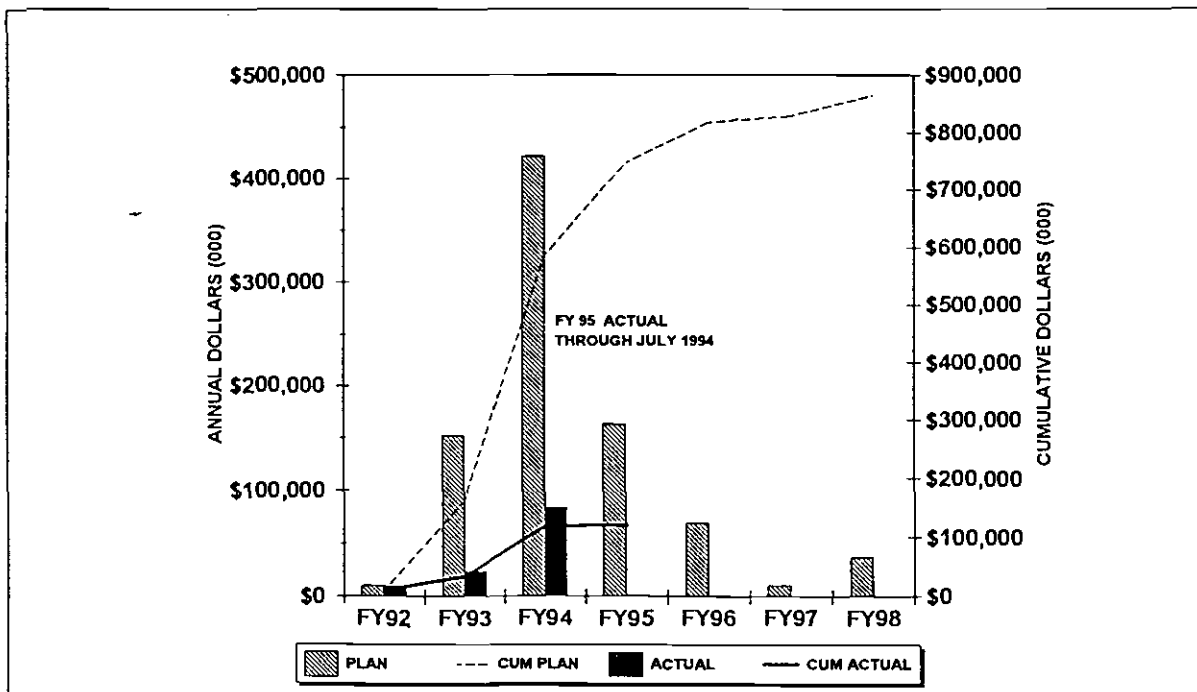
CONSULTANT CONTRACT CHANGE SUMMARY
PASADENA BLUE LINE CONSULTANT CHANGE REQUEST VALUES



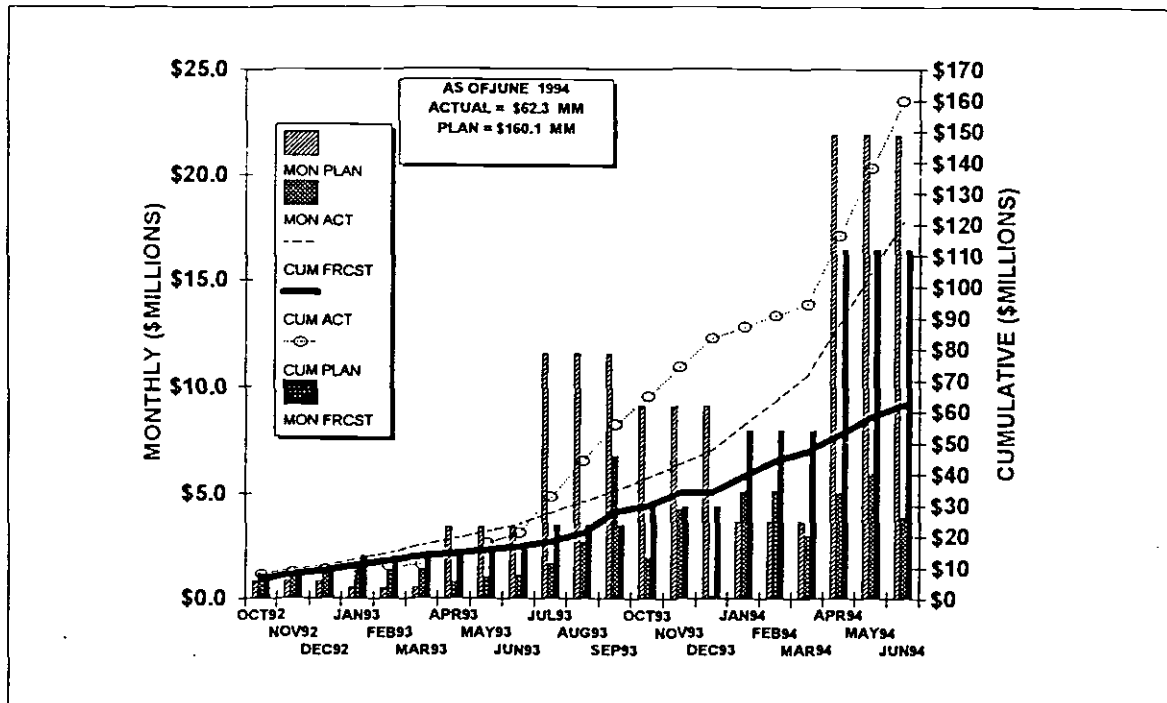
ANNUAL PROJECT COMMITMENTS



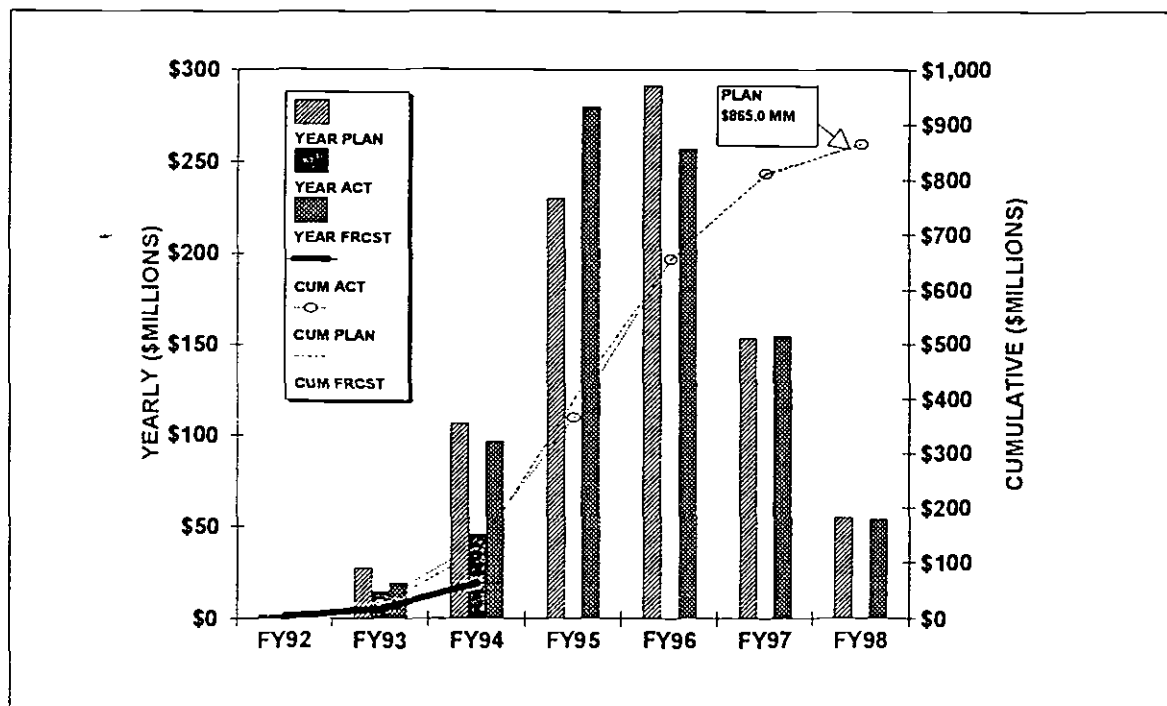
TOTAL PROJECT COMMITMENTS



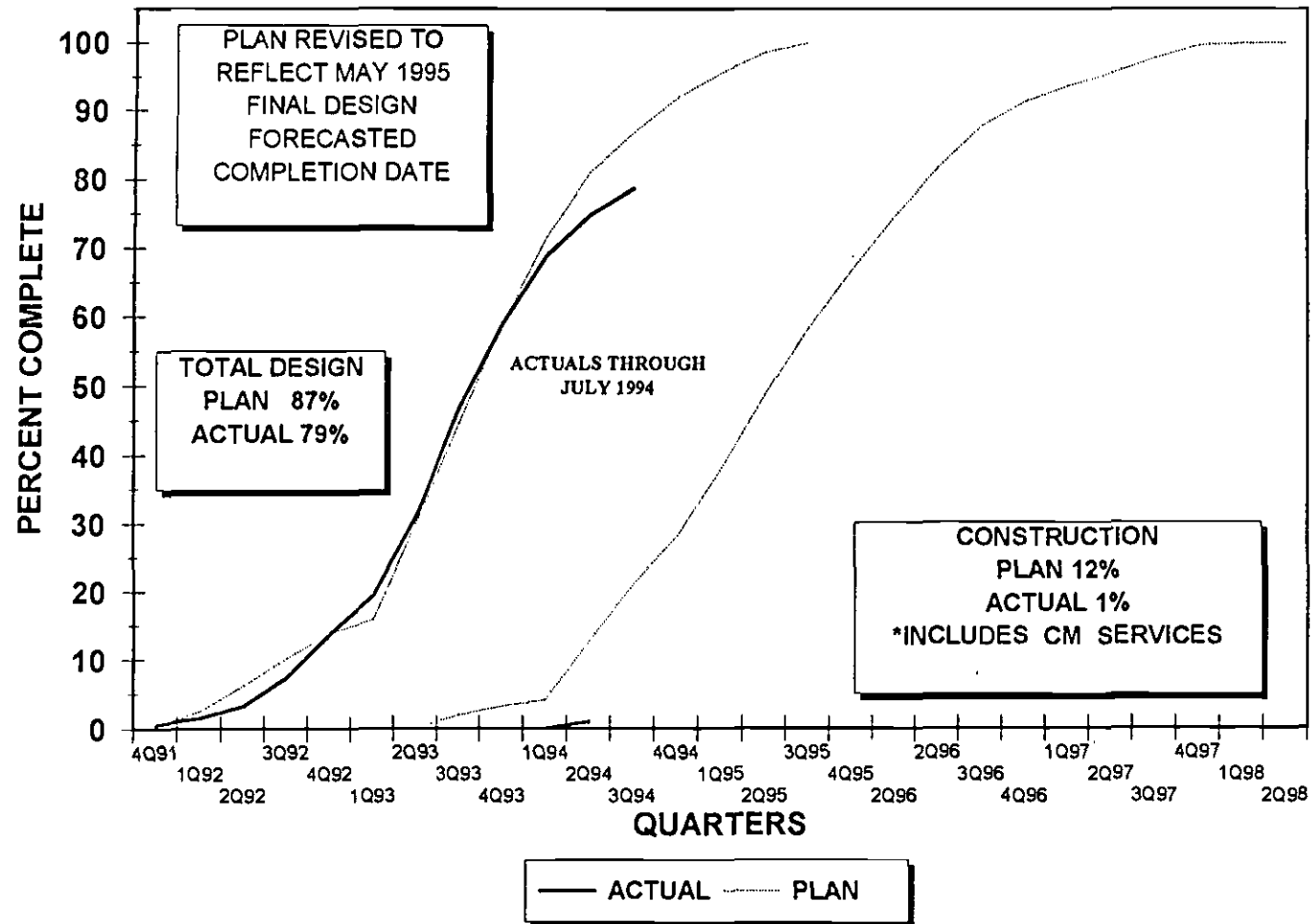
ANNUAL PROJECT CASHFLOW

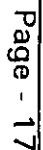


TOTAL PROJECT CASH FLOW



PASADENA BLUE LINE - PROGRESS SUMMARY

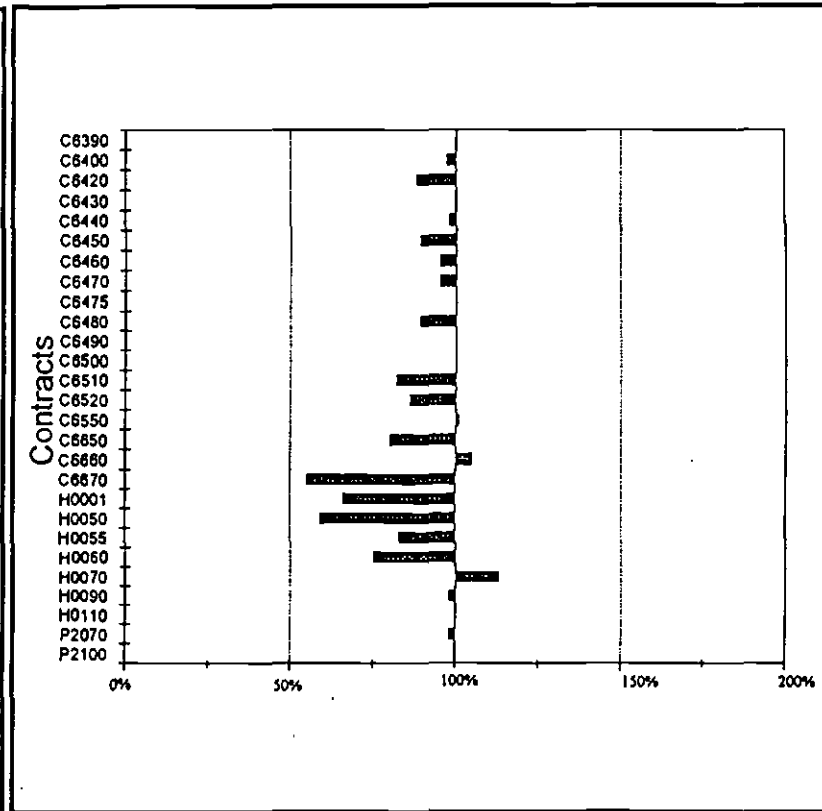
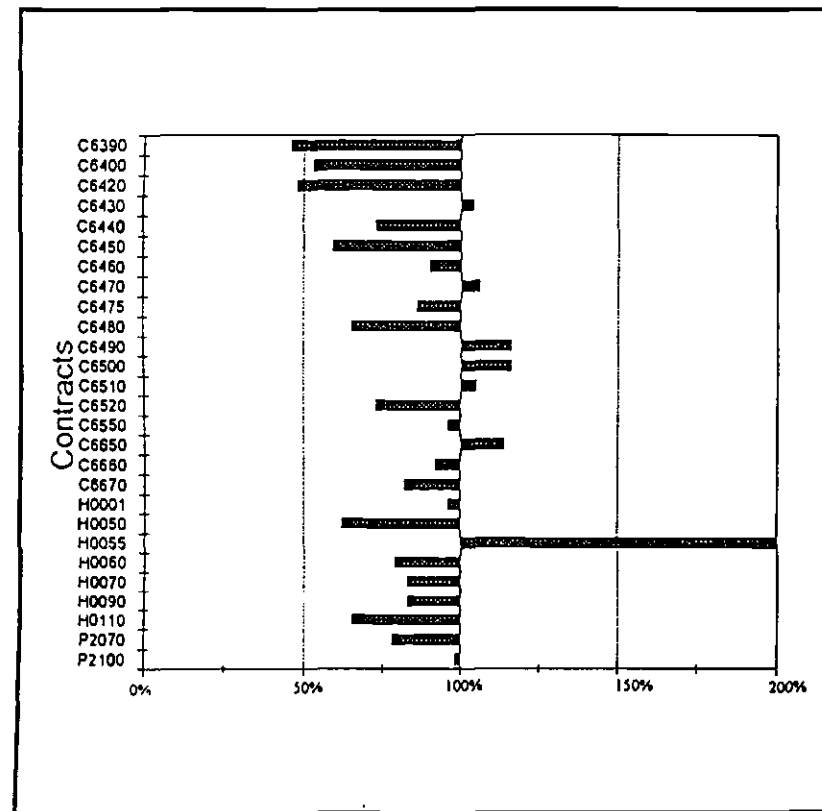




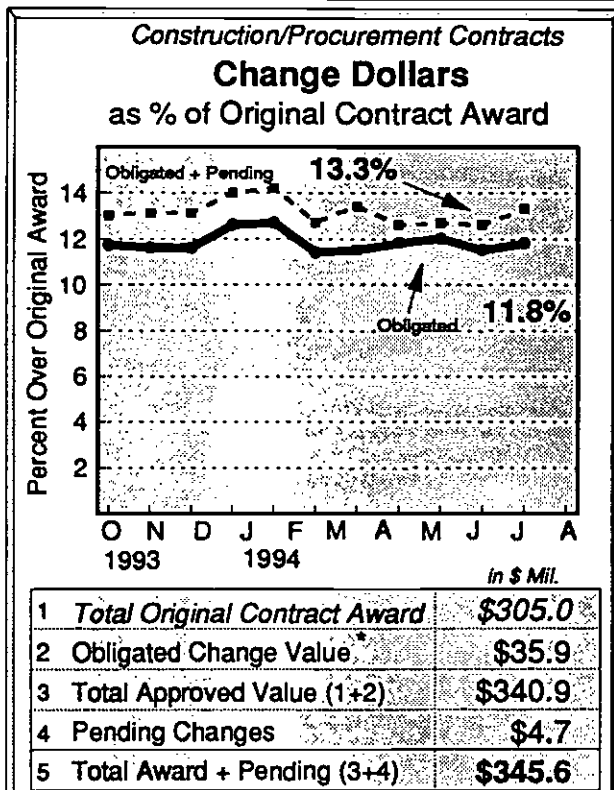
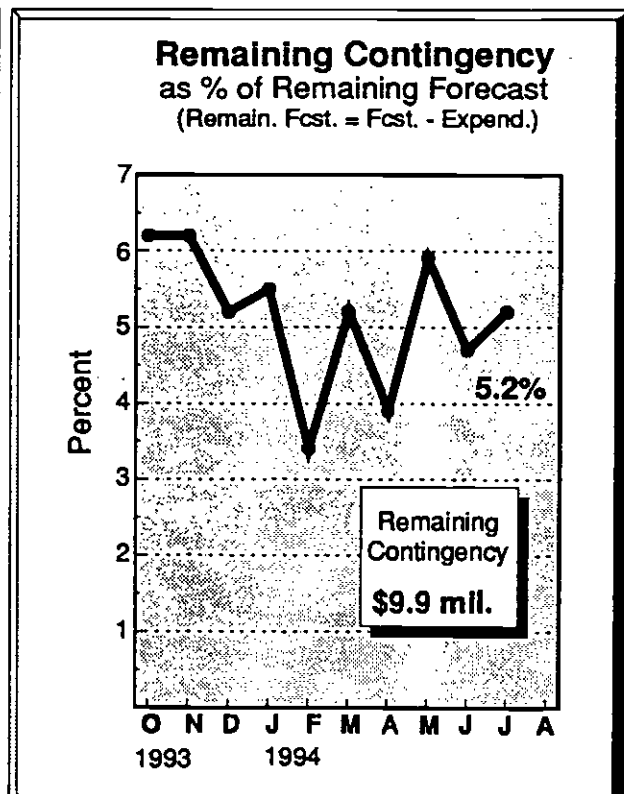
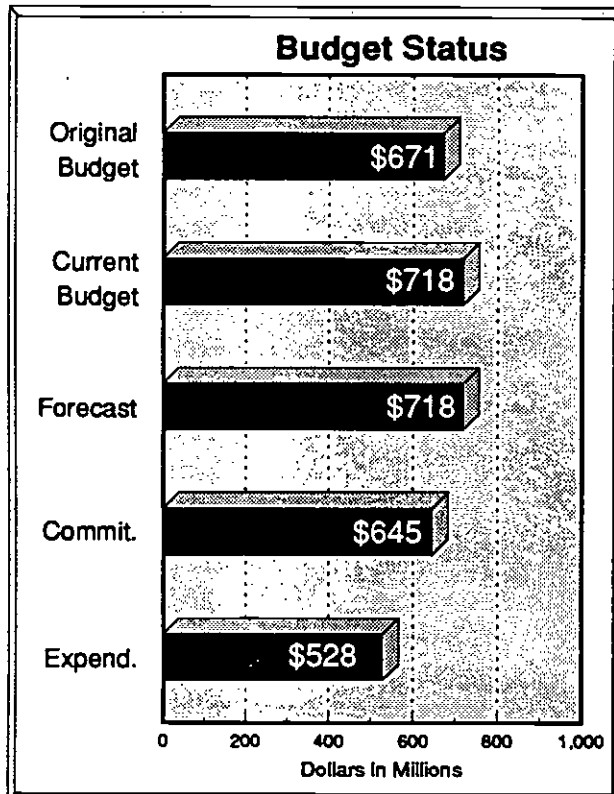
Pasadena Blue Line

Cost Performance Index

Schedule Performance Index

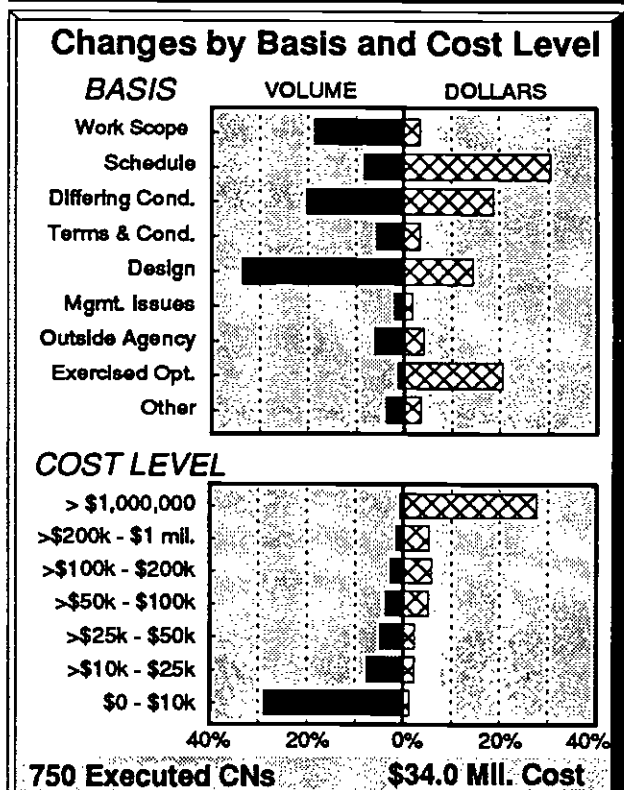


FINANCIAL STATUS



R2207041.DRW

* Includes Approved and NTE Authorizations



SCHEDULE AND SAFETY STATUS

MTA Critical Activities

September 1994

✓ AWARD APPROVAL
No contract awards this month.

Employment Status

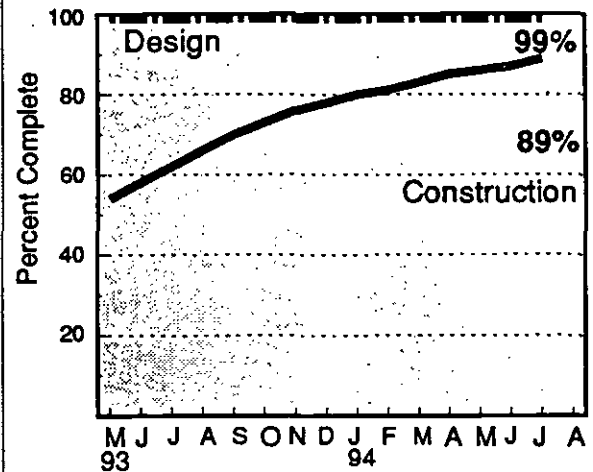
Months of Employment Provided

15,312

Based on an average
29 job-months provided
per million expended

Schedule Status

PROGRESS



Revenue Operation Date: May 1995
(Approved)

Schedule Status

CRITICAL PATH - 1 Year Outlook

12 Days Behind
(negative float)

The following contracts are on
the Critical Path through June 94:

CT44-12 Systems
Elevators/Escalators

H0900 Systems
Safety Systems

CT08 Systems
105/110 Station

H1100 Systems
Automatic Train Control

C100 Systems
105-Compton

H1200 Systems
Traction Power Supply

H0831 Systems
SCADA

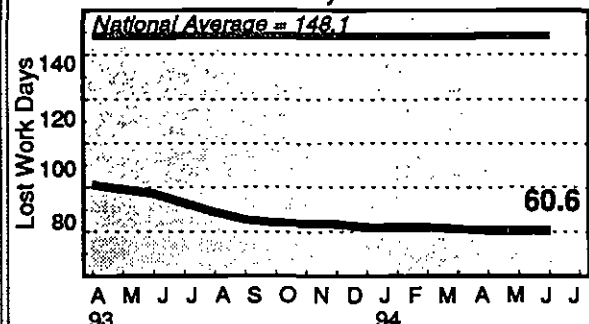
H1400 Systems
Overhead Contact

H0832 Systems
Cable Transmission

Systems Integrated Test
Norwalk-Marine ABS

Safety

Accident Severity Rate - Cumulative



EXECUTIVE SUMMARY

COST STATUS (in millions)

- Current Budget \$717.8
- Current Forecast \$717.8

SCHEDULE STATUS

- Current Approved Revenue Operations Date May 1995
- Design Progress - Actual 99%
- Construction Progress - Actual 89%

REAL ESTATE STATUS

MONTH	NUMBER OF PARCELS	PARCELS AVAILABLE	PARCELS NOT AVAILABLE (ON SCHEDULE)	PARCELS NOT AVAILABLE (BEHIND SCHEDULE)	
				NUMBER	AVG DAYS BEHIND
THIS MONTH	39	39	0	0	0
LAST MONTH	39	39	0	0	0

AREAS OF CONCERN

NEW

Contract H0900 (Safety and Security Communications System) Schedule Recovery

- Concern:** The contractor's lack of performance has continually slipped over the past few months to the point of impacting integrated testing.
- Action:** The contractor has been requested to supply a recovery schedule; expedite resolution to design/construction related issues that are impacting the contractor's work effort.
- Status:** A "Swat" team is currently assisting in responding to the sudden influx of RFIs recently received from the contractor. The contractor is preparing pre-installation drawings for three of the El Segundo Stations. Analysis of impact caused by access delay is ongoing.

Contract H0900 (Safety and Security Communications System) Variable Message Sign Design and Fabrication Delays

- Concern:** The ADA mandated Variable Message Sign (VMS) Design and Procurement for Contract H0900 is unresolved.
- Action:** The first negotiation session was held on April 15, 1994. Special progress meetings are now being held. First VMS negotiation session is tentatively scheduled for mid-August.
- Status:** OK, RCC and EMC are currently reviewing cost estimates. A meeting to determine potential contracting strategies is scheduled for early August.

Caltrans Project CT044-12 (I-105 Freeway Escalators/Elevators) Installation Delays

- Concern:** Caltrans Project CT044-12 has made limited progress to date due to outstanding Caltrans structural design issues. The current forecast, with some re-sequencing and no acceleration, shows completion of elevators in December 1994, and escalators in January 1995.
- Status:** Resolution of I-105/I-110 design issues have been received and retrofit work is in progress.
- Action:** Timely resolution of remaining Wilmington Station structural design issues is needed from Caltrans Sacramento.

ONGOING**Contract C0100 (El Segundo Guideway and Stations) Station Stair Construction**

Concern: Portions of station stairs have not been constructed per applicable code. Any required rework of station stairs could adversely impact follow-on contracts. Portions of stairs at Marine south and Douglas south will have to be rebuilt.

Action: The contractor has completed stair surveys at Marine and Douglas Stations where problems were identified.

Status: The contractor is currently proceeding with corrective work for out-of-tolerance stairs at all stations. Marine south and Douglas south have been poured and are currently in the cure stage. Inspection of all reworked stairs has yet to be performed.

RESOLVED**Contract C0100 (El Segundo Guideway and Stations) Station Map Case (Kiosk) Design and Fabrication Delays**

Concern: Map case design has only recently been finalized. Before Contract H0900 (Safety and Security Communications Systems) can begin, installation of map case cable is required.

Action: Redesign of the cable through the map case has eliminated the need for complete unit installation prior to Contract H0900 access.

Status: H0900 has received access to Aviation, Mariposa, and El Segundo Stations. Wye installation with associated flex conduits is near completion at Douglas Station.

Contract C0100 (El Segundo Guideway and Stations) Station Edge Pavers

Concern: Design changes made to station edge pavers have affected work at the stations and may impact follow-on contracts.

Action: Meetings have been held with the contractor, the edge paver fabricator and the installer to address this concern.

Status: Edge paver installation is complete at Aviation, Mariposa and El Segundo Stations. Marine Station edge paver work is scheduled to start the first week of August 1994.

KEY ACTIVITIES - JULY 1994

Assembly of the first five pairs of vehicles from Contract P2020 (Start-up Light Rail Vehicles) began at the Hawthorne Yard and Shop. Permanent power is now available at all Metro Green Line Stations.

KEY ACTIVITIES - PLANNED FOR AUGUST 1994

Following the Beneficial Occupancy of the Supervisory Control and Data Acquisition (SCADA) and Emergency Trip Stations in the test section, integrated testing of the SCADA will begin before the end of August.

Page No. 1

**RAIL CONSTRUCTION CORPORATION
PROJECT COST REPORT
COST BY ELEMENT**

Project: R23 METRO GREEN LINE

Period: Jun 24, 1994 to Jul 29, 1994
Run Date: Aug 3, 1994
Units: \$ in Thousands (Truncated)

ELEMENT / DESCRIPTION	ORIGINAL BUDGET	CURRENT BUDGET		COMMITMENTS		INCURRED		EXPENDITURES		CURRENT FORECAST		FORECAST VARIANCE
		Period	To Date	Period	To Date	Period	To Date	Period	To Date	Period	To Date	
T CONSTRUCTION	470,191	0	484,698	501	427,167	6,193	349,188	7,868	335,612	-847	476,129	-8,569
S PROFESSIONAL SERVICES	108,562	0	180,477	460	178,319	2,752	157,376	2,752	157,376	0	194,967	14,490
R REAL ESTATE	36,927	0	28,522	-69	24,526	12	24,522	12	24,522	0	26,047	-2,475
F UTILITY/AGENCY FORCE ACCOUNTS	7,656	0	10,500	311	11,511	53	9,554	53	9,554	316	11,512	1,012
D SPECIAL PROGRAMS	4,675	0	4,790	0	4,505	76	1,575	76	1,575	0	4,790	0
C PROJECT RESERVE	59,613	0	15,331	0	0	0	0	0	0	531	9,924	-5,407
A PROJECT REVENUE	-16,626	0	-6,518	0	-1,264	0	-595	0	-595	0	-5,569	949
GRAND TOTAL	671,000	0	717,802	1,203	644,766	9,088	541,621	10,762	528,045	0	717,802	0

RAIL CONSTRUCTION CORPORATION
METRO RAIL GREEN LINE PROJECT
(IN THOUSANDS OF DOLLARS)

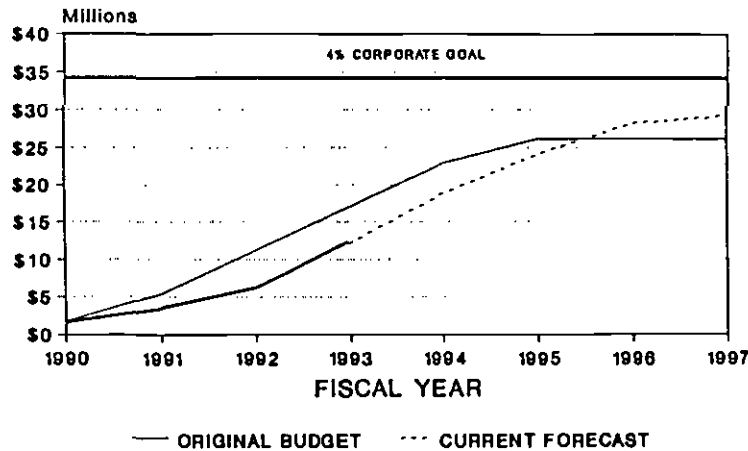
11-Aug-94

STATUS OF FUNDS BY SOURCE

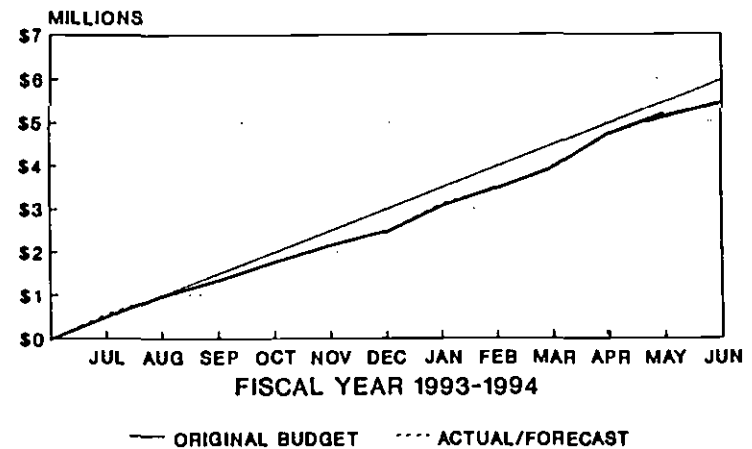
SOURCE	TOTAL FUNDS ANTICIPATED	TOTAL FUNDS AVAILABLE	COMMITMENTS		EXPENDITURES		BILLED TO SOURCE	
			\$	%	\$	%	\$	%
PROP A	\$205,136	\$205,136	\$205,136	100%	\$205,136	100%	\$205,136	100%
PROP C (40% ALLOCATION)	\$91,866	\$311,240	\$305,285	332%	\$311,240	339% (1)	\$312,146	340%
PROP C (25% ALLOCATION)	\$308,000	\$0	\$128,000	42%	\$0	0%	\$0	0%
STATE PROP 108	\$22,400	\$22,400	\$0	0%	\$0	0%	\$0	0%
STATE PROP 116	\$84,000	\$84,000	\$0	0%	\$0	0%	\$0	0%
PROP C (AMERICAN DISABILITY ACT)	\$6,400	\$906	\$5,141	80%	\$906	14%	\$0	0%
TOTAL	\$717,802	\$623,682	\$643,562	90%	\$517,282	72%	\$517,282	72%

NOTE : (1) PROP C HIGHWAY 25% WHEN AVAILABLE WILL REIMBURSE PROP C 40% ADVANCE ALLOCATIONS.
EXPENDITURES ARE CUMULATIVE THROUGH MAY 1994.

AGENCY COST GREEN LINE



FISCAL 1994 AGENCY COSTS GREEN LINE



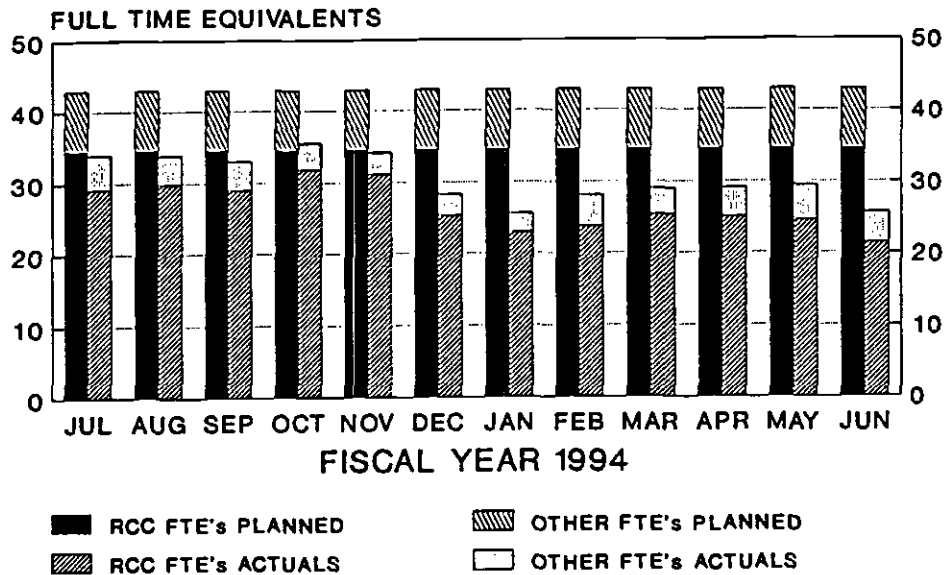
PROJECT AGENCY COSTS GREEN LINE (\$000)

TOTAL PROJECT BUDGET	\$722,400
ORIGINAL BUDGET	\$ 26,189
BUDGET % OF TOTAL PROJECT	3.6%
CURRENT FORECAST	\$ 29,234
FORECAST % OF TOTAL PROJECT	4.1%
4% CORPORATE GOAL	\$ 28,896
ACTUAL THROUGH FY 93	\$ 12,252

FISCAL YEAR 1994 AGENCY COSTS GREEN LINE (\$000)

ORIGINAL BUDGET	\$ 5,965
CURRENT FORECAST	\$ 5,459
BUDGET PLAN TO DATE	\$ 5,965
ACTUAL TO DATE	\$ 5,459

STAFFING PLAN VS. ACTUAL GREEN LINE



FY'94 BUDGET

GREEN LINE STAFFING PLAN FISCAL YEAR 1994

RCC FTE's PLANNED	35
RCC FTE's ACTUAL	22
OTHER FTE's PLANNED	8
OTHER FTE's ACTUAL	4
TOTAL FTE's PLANNED	43
TOTAL FTE's ACTUAL	26

Metro Green Line
CONTRACT CHANGE ACTIVITY SUMMARY: CHANGES V. BOARD APPROVED CHANGE CONTINGENCY
AS OF 07/29/94

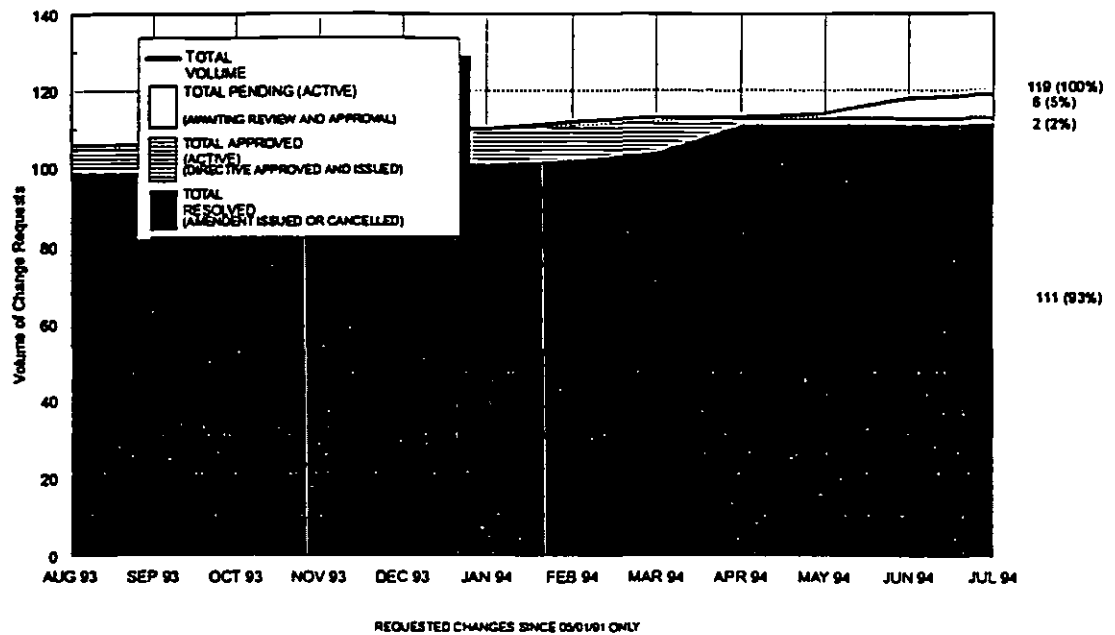
MTA APPROVED CONTRACT AWARD		MTA APPROVED CHANGE CONTINGENCY (CTG)			APPROVED CHANGES TO DATE				REMAINING CONTINGENCY		PROJECTED		
CONTRACT	AWARD VALUE	% ALLOW-ANCE	CURRENT APPROVED CONTINGENCY	TOTAL APPROVED AFE	APPROVED CHANGES*	CURRENT CONTRACT VALUE	% CTG USED	% COMPLETE	CURRENT UNUSED CONTINGENCY	OTHER LOGGED PENDING CHANGES	FORECAST REMAINING CONTINGENCY	% CTG USED	
A.	B.	C.	D. = [BxC]	E. (B+D)	F.	G = [B+F]	H.	I.	J. (D-F)	K. **	L. (J-K)	M.	
C0090	\$3,739,910	13%	\$472,991	\$4,212,901	\$0	\$3,739,910	0%	0%	\$472,991	\$100,000	\$372,991	21%	
C0095	\$9,573,083	18%	\$1,488,817	\$11,061,700	\$823,617	\$10,398,700	55%	77%	\$865,000	\$603,641	\$51,358	96%	
C0100	\$59,828,710	15%	\$8,971,290	\$68,800,000	\$5,429,754	\$65,258,464	81%	88%	\$3,541,536	\$1,784,110	\$1,757,426	80%	
C0101	\$11,279,980	63%	\$7,120,040	\$18,400,000	\$8,104,927	\$17,384,887	88%	100%	\$1,016,113	\$0	\$1,016,113	86%	
C0110	\$7,321,537	26%	\$1,878,483	\$9,200,000	\$1,226,282	\$8,547,819	65%	100%	\$852,181	\$0	\$852,181	55%	
C0170	\$1,130,971	10%	\$113,097	\$1,244,068	\$0	\$1,130,971	0%	0%	\$113,097	(\$65,600)	\$178,697	-58%	
C0400	\$19,320,000	14%	\$2,735,538	\$22,055,538	\$557,582	\$19,877,582	20%	99%	\$2,177,956	\$42,302	\$2,135,555	22%	
C0501	\$5,006,841	18%	\$888,144	\$5,894,985	\$611,825	\$5,818,868	89%	99%	\$276,319	\$234,738	\$41,581	95%	
C0600	\$15,514,000	39%	\$6,028,000	\$21,542,000	\$5,160,682	\$20,874,682	88%	99%	\$887,318	(\$1,084,757)	\$1,952,075	68%	
C0810	\$10,248,812	25%	\$2,565,191	\$12,814,103	\$2,376,594	\$12,825,508	93%	99%	\$188,597	(\$279,130)	\$467,727	82%	
H0831	\$1,480,450	169%	\$2,497,474	\$3,977,924	\$2,122,788	\$3,603,238	85%	87%	\$374,686	\$358,632	\$18,154	99%	
H0832	\$3,884,088	220%	\$8,558,412	\$12,442,500	\$7,194,598	\$11,078,686	84%	71%	\$1,363,814	\$370,877	\$992,937	88%	
H0889	\$3,938,759	11%	\$438,876	\$4,377,635	\$70,458	\$4,009,215	18%	48%	\$368,420	\$147,500	\$220,920	50%	
H0900	\$9,948,180	10%	\$994,820	\$10,943,000	\$493,198	\$10,441,378	50%	18%	\$601,622	\$1,815,000	(\$1,313,378)	232%	
H0901	\$3,298,329	10%	\$329,833	\$3,628,162	\$95,344	\$3,383,673	29%	39%	\$234,489	\$0	\$234,489	29%	
H1100	\$57,785,000	8%	\$4,622,800	\$62,407,800	\$1,164,530	\$58,849,530	25%	41%	\$3,458,270	\$618,798	\$2,841,472	39%	
H1200	\$18,798,123	15%	\$2,819,418	\$21,818,541	\$1,543,811	\$20,339,934	55%	94%	\$1,276,607	\$158,539	\$1,117,069	60%	
H1310	\$1,298,500	15%	\$194,775	\$1,493,275	(\$29,915)	\$1,268,588	-15%	8%	\$224,690	\$32,420	\$192,270	1%	
H1400	\$11,438,000	10%	\$1,143,800	\$12,581,800	\$873,175	\$12,111,175	59%	78%	\$470,825	\$103,125	\$367,500	68%	
P1800	\$5,578,208	5%	\$278,910	\$5,857,118	(\$768,149)	\$4,812,059	-275%	100%	\$1,045,059	\$0	\$1,045,059	-275%	
P2020	\$44,825,000	12%	\$5,375,000	\$50,000,000	\$877,781	\$45,502,781	16%	74%	\$4,497,219	\$82,000	\$4,415,219	18%	
TOTAL:	\$305,034,562	20%	\$59,515,489	\$364,550,050	\$35,730,881	\$340,765,443	60%	89%	\$23,784,607	\$5,018,095	\$18,766,513	68%	

I = AFE Increase may be required to cover pending changes
II = AFE Increase required to cover obligated changes

* CONTRACT COSTS SHOWN MAY INCLUDE COSTS ALLOCATED TO OTHER METRO PROJECTS.
** Potential change costs DO NOT include claims which have not been allowed merit as changes or other trend items

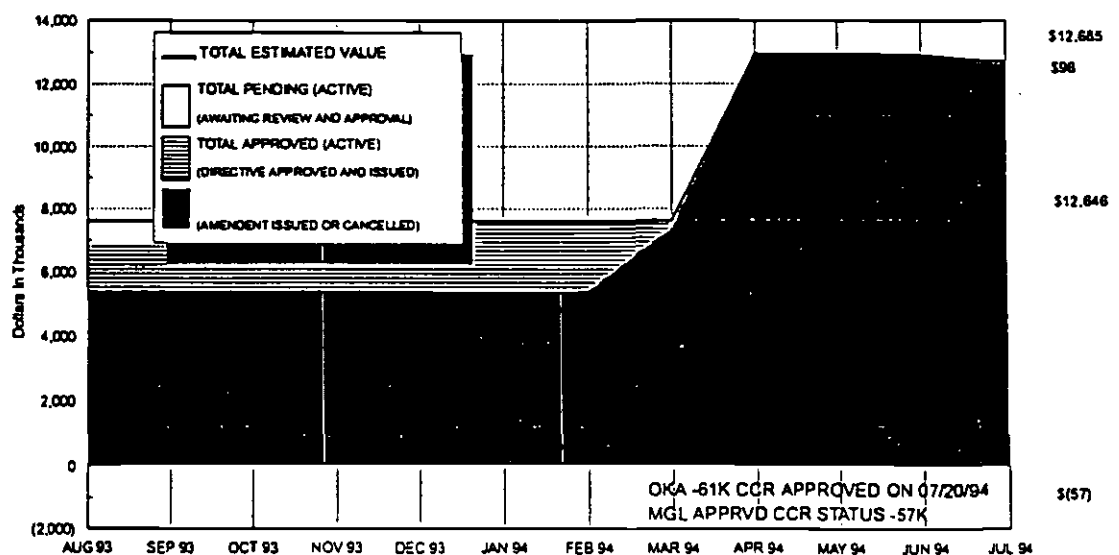
NOTE: DATA CUT-OFF DATE MAY VARY FROM OTHER
REPORTS SHOWING APPROVED CHANGE VALUES

CONSULTANT CONTRACT CHANGE SUMMARY
GREEN LINE CONSULTANT CHANGE REQUEST VOLUME



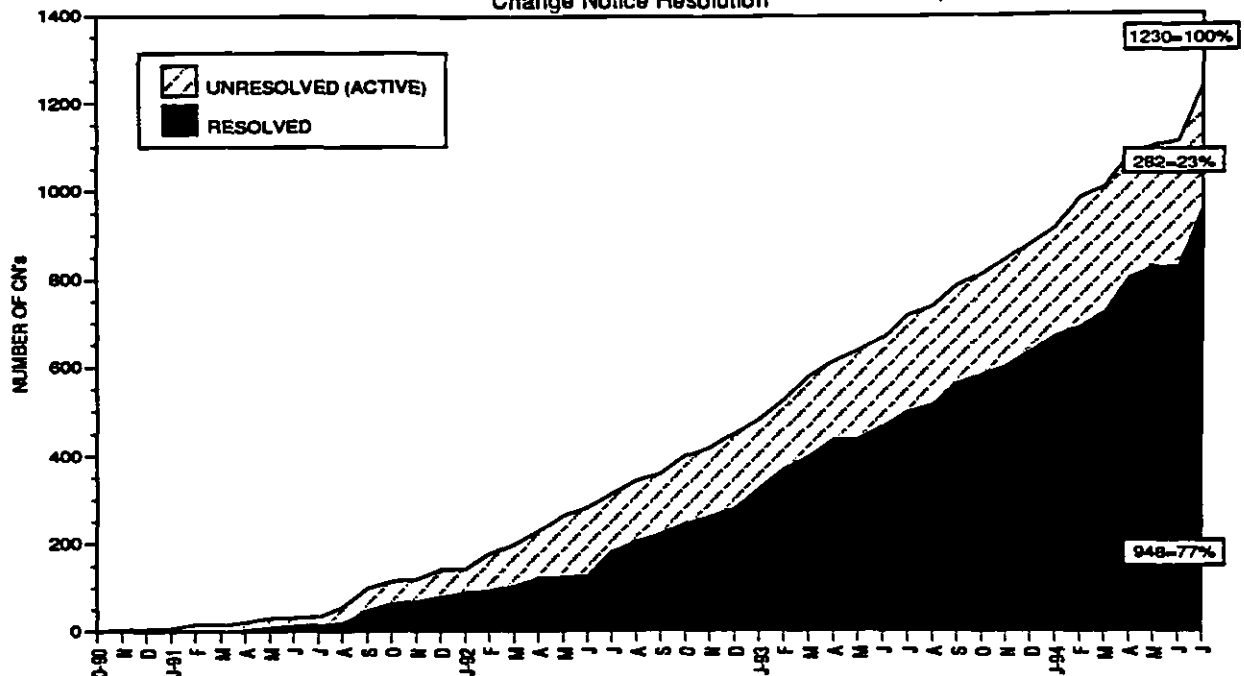
AGE OF UNRESOLVED CONSULTANT CHANGES					
TIME	0-30 DAYS	30-60 DAYS	61-90 DAYS	OVER 90	TOTAL ACTIVE
VOLUME	5	1	0	2	8
PERCENT	62%	13%	0%	25%	100%

CONSULTANT CONTRACT CHANGE SUMMARY
GREEN LINE CONSULTANT CHANGE REQUEST VALUES



CONSTRUCTION/PROCUREMENT CONTRACT CHANGES

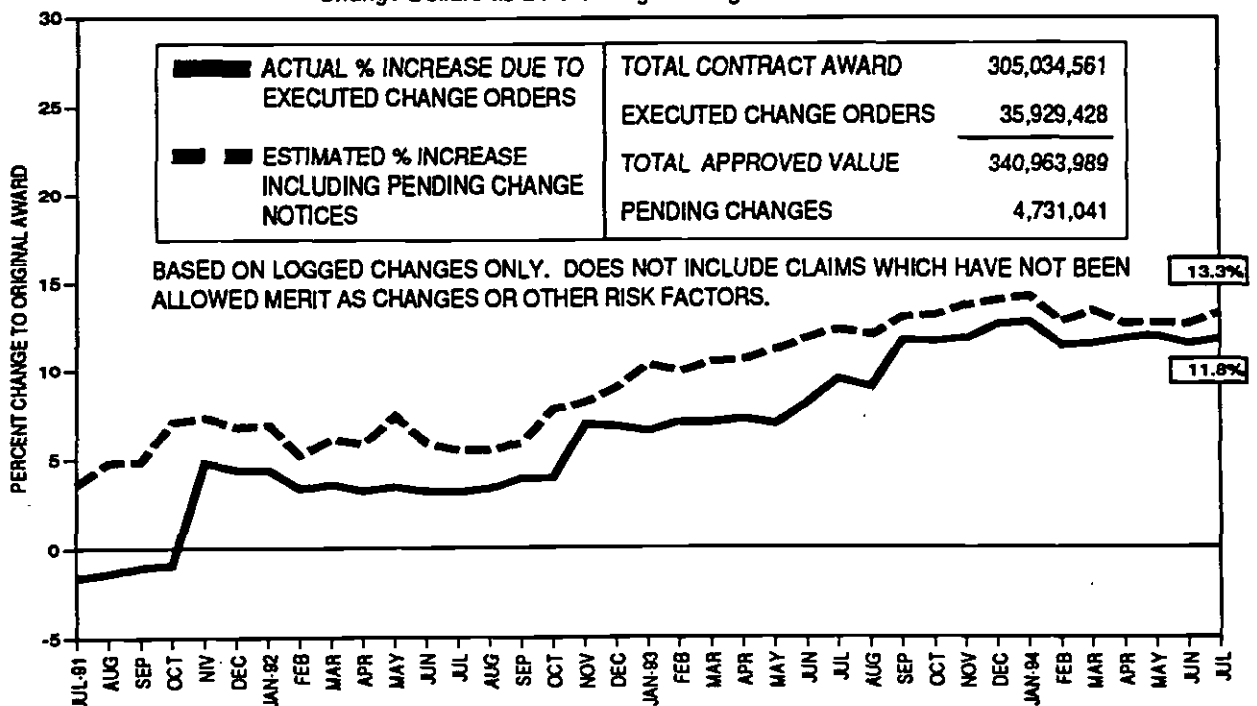
Change Notice Resolution



AGE OF UNRESOLVED CHANGES					
TIME	0-30 days	31-60	61-90	90+	TOTAL ACTIVE
VOLUME	120	21	20	119	282
PERCENT	43%	7%	7%	43%	100%

CONSTRUCTION/PROCUREMENT CONTRACT CHANGES

Change Dollars as a Percentage of Original Contract Award



R23 - Metro Green Line
CONSTRUCTION/PROCUREMENT CONTRACT CHANGES
CHANGE COST LEVEL BREAKDOWN
EXECUTED CHANGES AS OF 08/09/94

COST RANGE (ABSOLUTE VALUE)	# CN'S	% Total Volume	Change Cost	% Total Change Cost
> 1 MILLION	10	1.33%	\$18,813,458.46	55.30%
> 200 - 1 MILLION	22	2.93%	\$3,604,227.59	10.59%
> 100-200	40	5.33%	\$3,970,980.49	11.67%
> 50-100K	56	7.47%	\$3,543,356.56	10.42%
> 25-50K	73	9.73%	\$1,601,191.46	4.71%
10-25K	115	15.33%	\$1,589,299.03	4.67%
0-10K	434	57.87%	\$897,233.81	2.64%
PROJECT TOTALS:	750	100.00%	\$34,019,747.40	100.00%

R23 - Metro Green Line
CONSTRUCTION/PROCUREMENT CONTRACT CHANGES

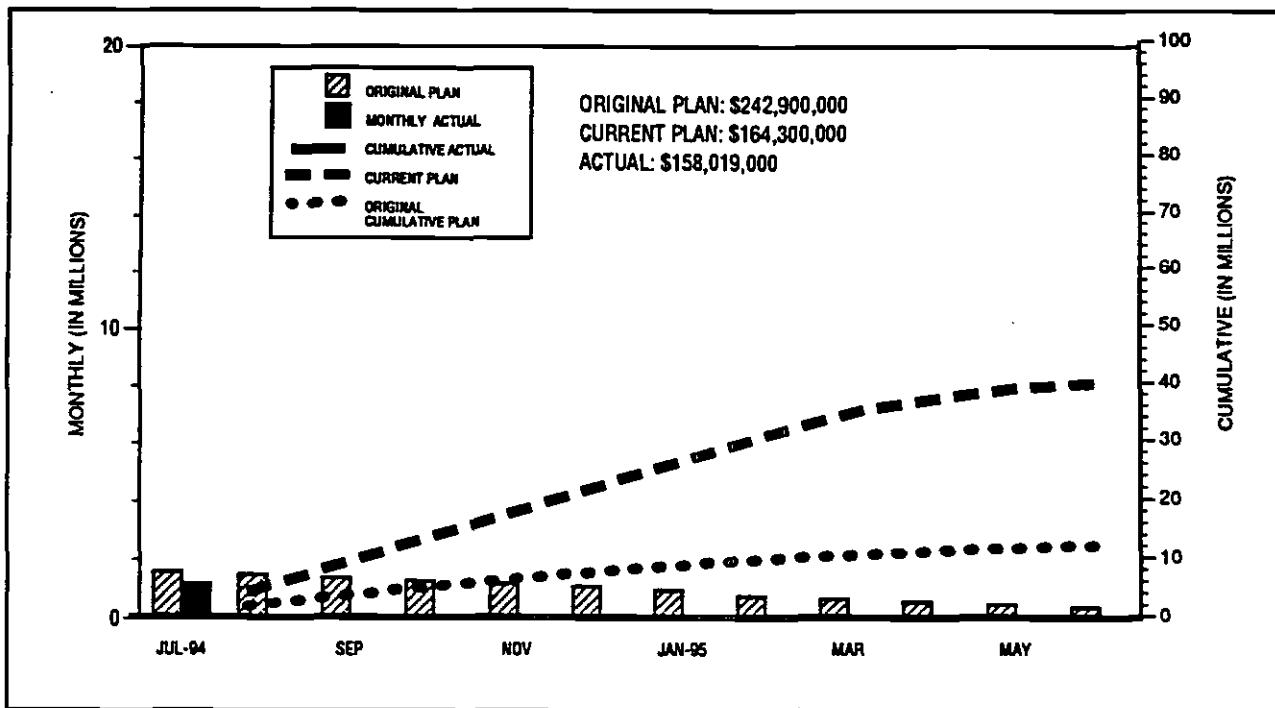
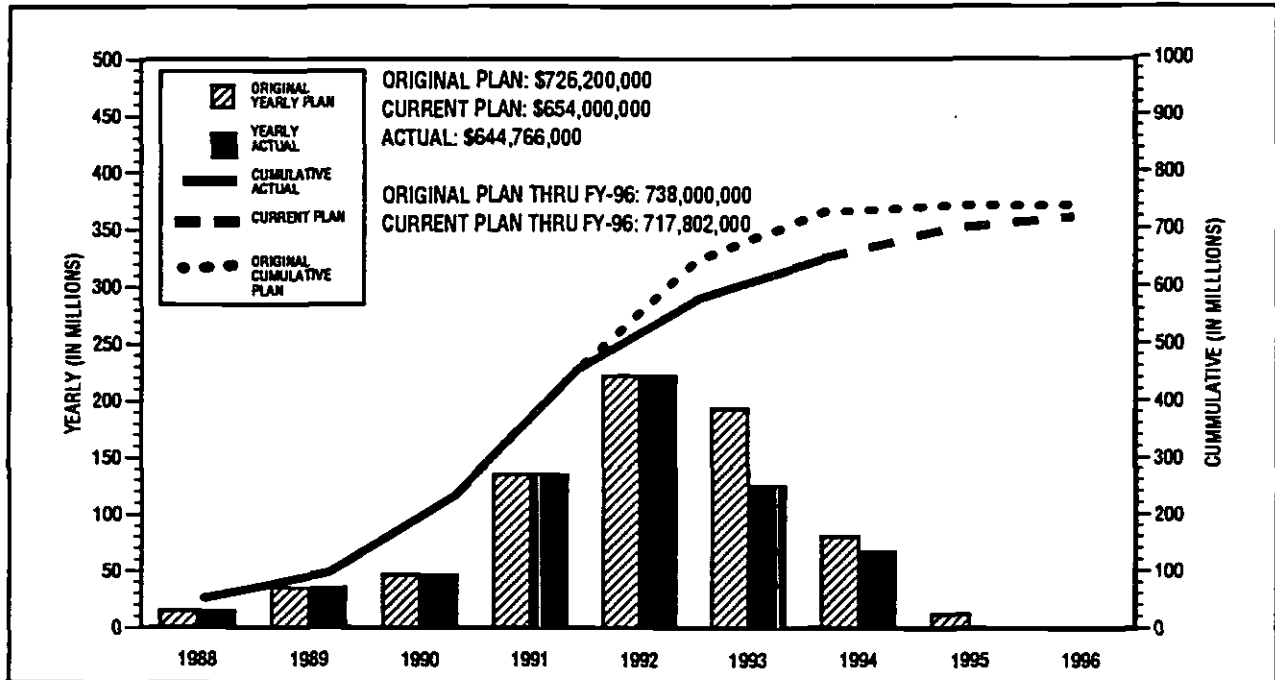
CHANGE NOTICE BASIS BREAKDOWN

R23C0090 - R23P2020

EXECUTED CHANGES AS OF 08/09/94

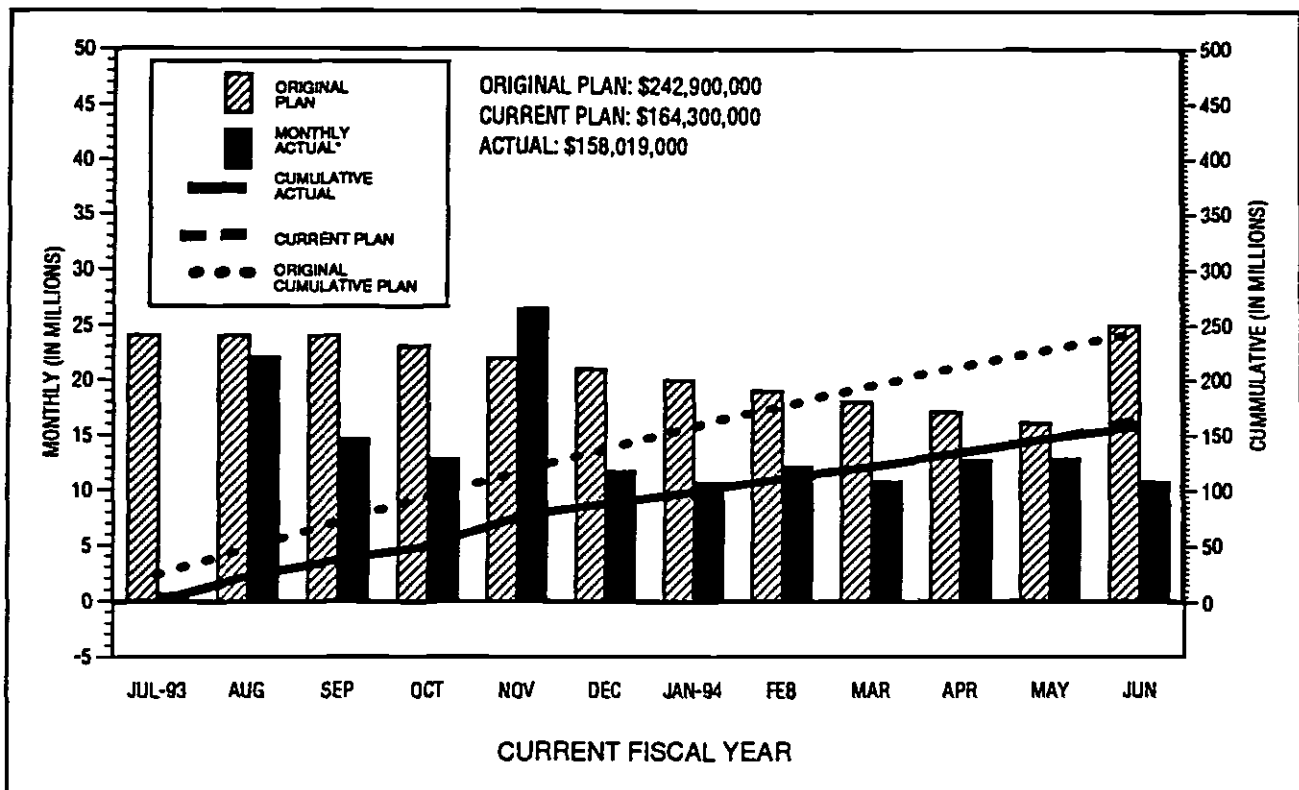
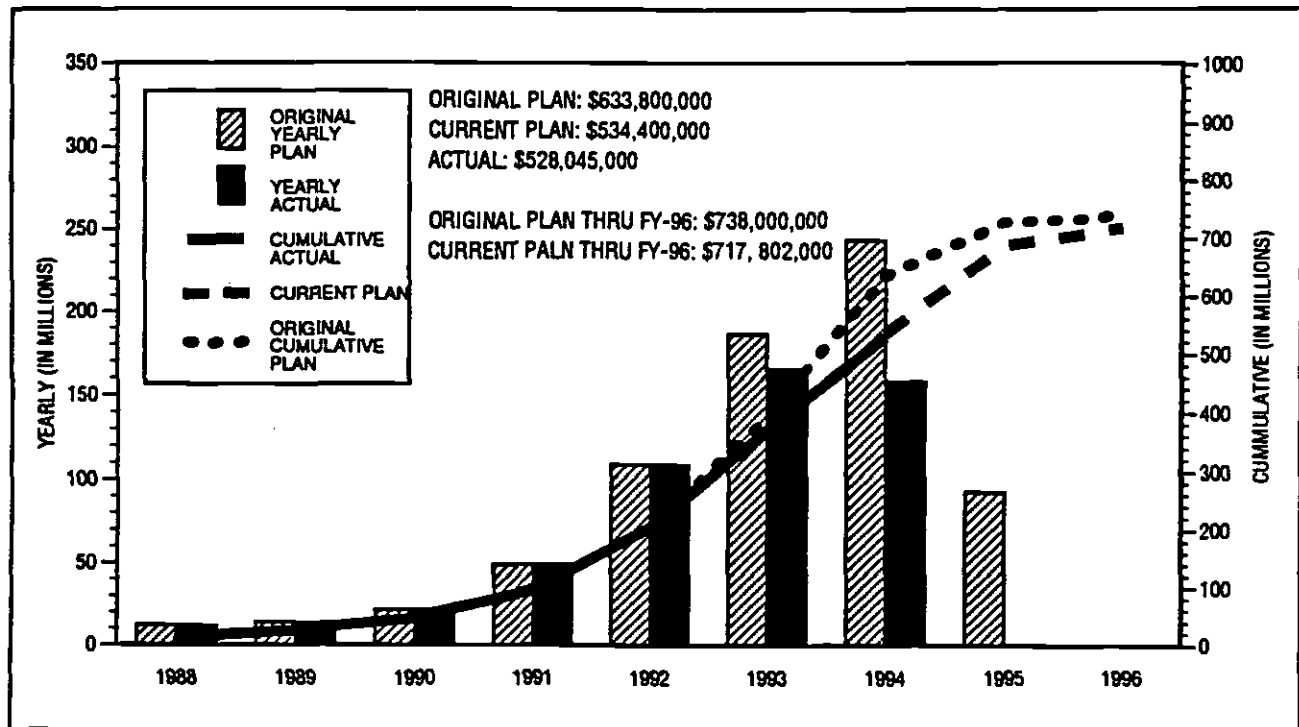
	# CN'S	% Total Volume	Change Cost	% Total Change Cost
WORK SCOPE				
110 EXTRA WORK	107	14.27%	\$1,841,344.18	5.41%
115 ADDITIONAL/NEW WORK	5	0.67%	\$10,155.73	0.03%
120 DELETION OF WORK	27	3.60%	(\$688,793.60)	-2.02%
130	1	0.13%	\$0.00	0.00%
	140	18.67%	\$1,162,706.29	3.42%
SCHEDULE CHANGES				
210 DELAY OF WORK (COMPENSABLE)	21	2.80%	\$8,703,557.08	25.58%
220 ACCELERATION OF WORK	13	1.73%	\$1,297,715.00	3.81%
230 MILESTONE REVISIONS (NON-COMPENSABLE)	28	3.73%	\$346,300.00	1.01%
	62	8.27%	\$10,346,572.08	30.41%
DIFFERING CONDITIONS				
310 DIFFERING SITE CONDITIONS	151	20.13%	\$8,690,752.10	25.55%
320 HAZARDOUS MATERIALS	1	0.13%	(\$2,313,704.64)	-6.80%
	152	20.27%	\$6,377,047.46	18.75%
TERMS AND CONDITIONS				
410 TERMS AND CONDITIONS (OWNER ORIGINATED)	26	3.47%	\$1,149,519.67	3.38%
430 EDITORIAL CLARIFICATIONS/DOCUMENT MAINTENANCE	17	2.27%	\$0.00	0.00%
	43	5.73%	\$1,149,519.67	3.38%
DESIGN CHANGES				
510 DESIGN CHANGES/ENHANCEMENTS (OWNER ORIGINATED)	110	14.67%	\$3,822,946.78	11.24%
515 DESIGN CHANGES/ENHANCEMENTS (EMC ORIGINATED)	6	0.80%	\$266,543.57	0.78%
520 DESIGN CHANGES/ENHANCEMENTS (MTA OPERATIONS ORIGINATED)	3	0.40%	\$0.00	0.00%
530 CORRECTIONS TO PLANS AND SPECIFICATIONS	123	16.40%	\$1,632,591.78	4.80%
540 VALUE ENGINEERING CHANGES (CONTRACTOR ORIGINATED)	11	1.47%	(\$843,084.76)	-2.48%
	253	33.73%	\$4,878,999.37	14.34%
MANAGEMENT ISSUES				
610 DISRUPTION/INEFFICIENCY (CLAIMS ONLY)	2	0.27%	\$2,375.00	0.01%
620 COMPREHENSIVE CLAIMS	13	1.73%	\$572,374.00	1.68%
	15	2.00%	\$574,749.00	1.69%
OUTSIDE AGENCY REQUESTS				
720 DESIGN CHANGES (OUTSIDE AGENCY ORIGINATED)	37	4.93%	\$1,354,092.58	3.98%
730 TERMS AND CONDITIONS (OUTSIDE AGENCY ORIGINATED)	9	1.20%	\$44,119.62	0.13%
	46	6.13%	\$1,398,212.20	4.11%
EXERCISE OF CONTRACT OPTIONS				
800 EXERCISE OF CONTRACT OPTIONS	10	1.33%	\$6,938,932.00	20.40%
	10	1.33%	\$6,938,932.00	20.40%
OTHER				
900 OTHER	29	3.87%	\$1,193,009.33	3.51%
	29	3.87%	\$1,193,009.33	3.51%
PROJECT TOTALS:	750	100.00%	\$34,019,747.40	100.00%

PROJECT COMMITMENTS

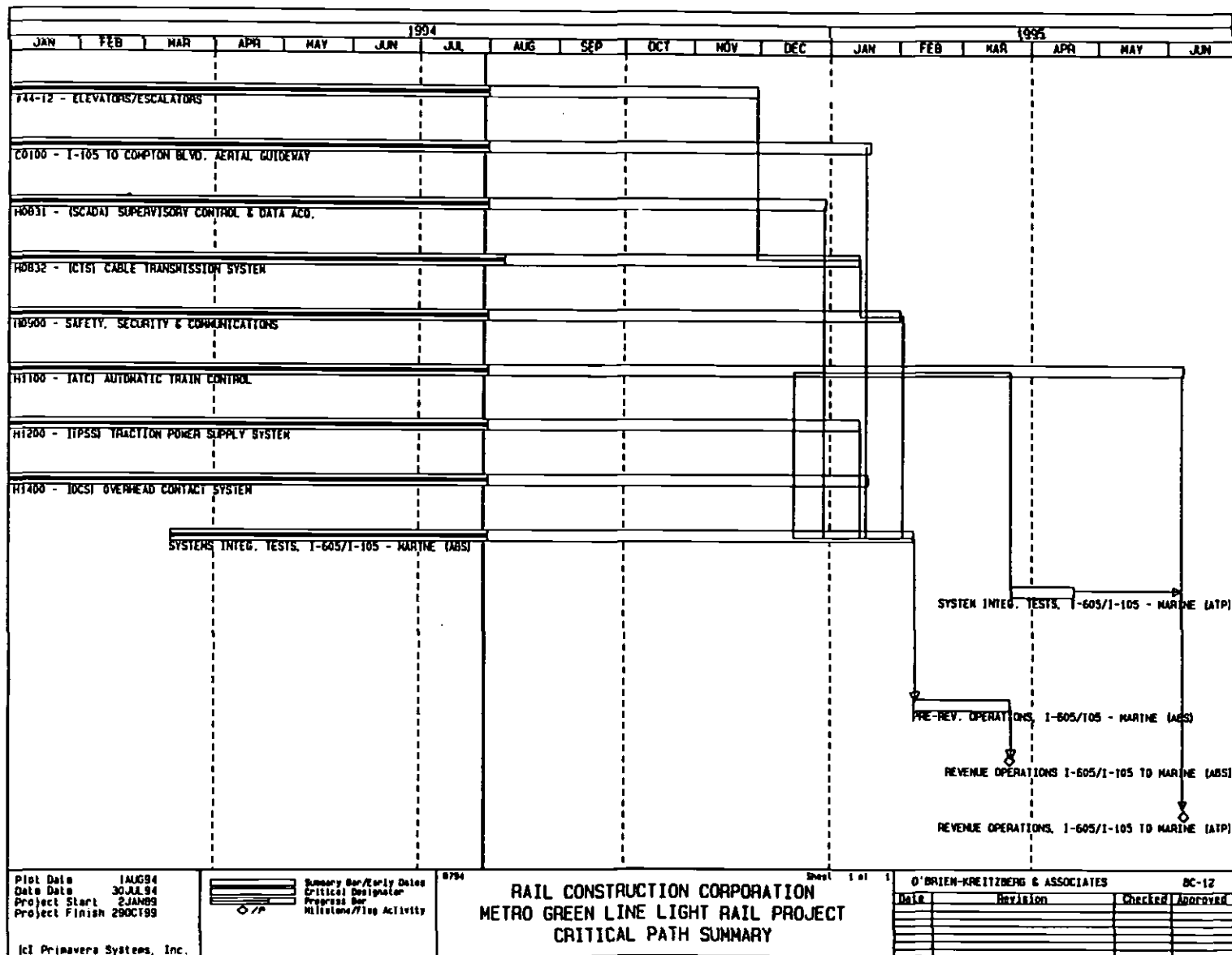


CURRENT FISCAL YEAR

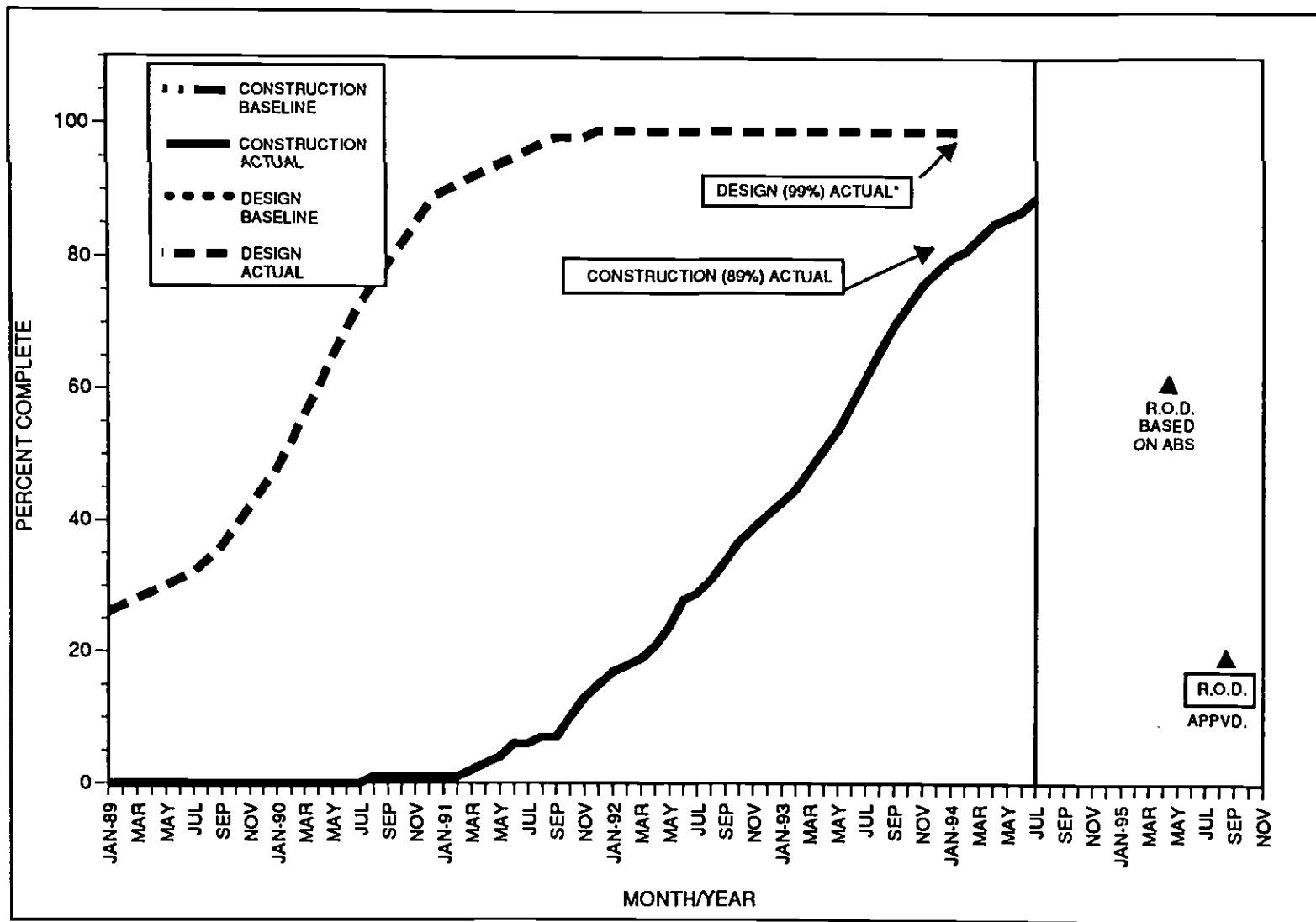
PROJECT CASH FLOW



* ACTUAL EXPENDITURES ARE THROUGH PREVIOUS MONTH END.

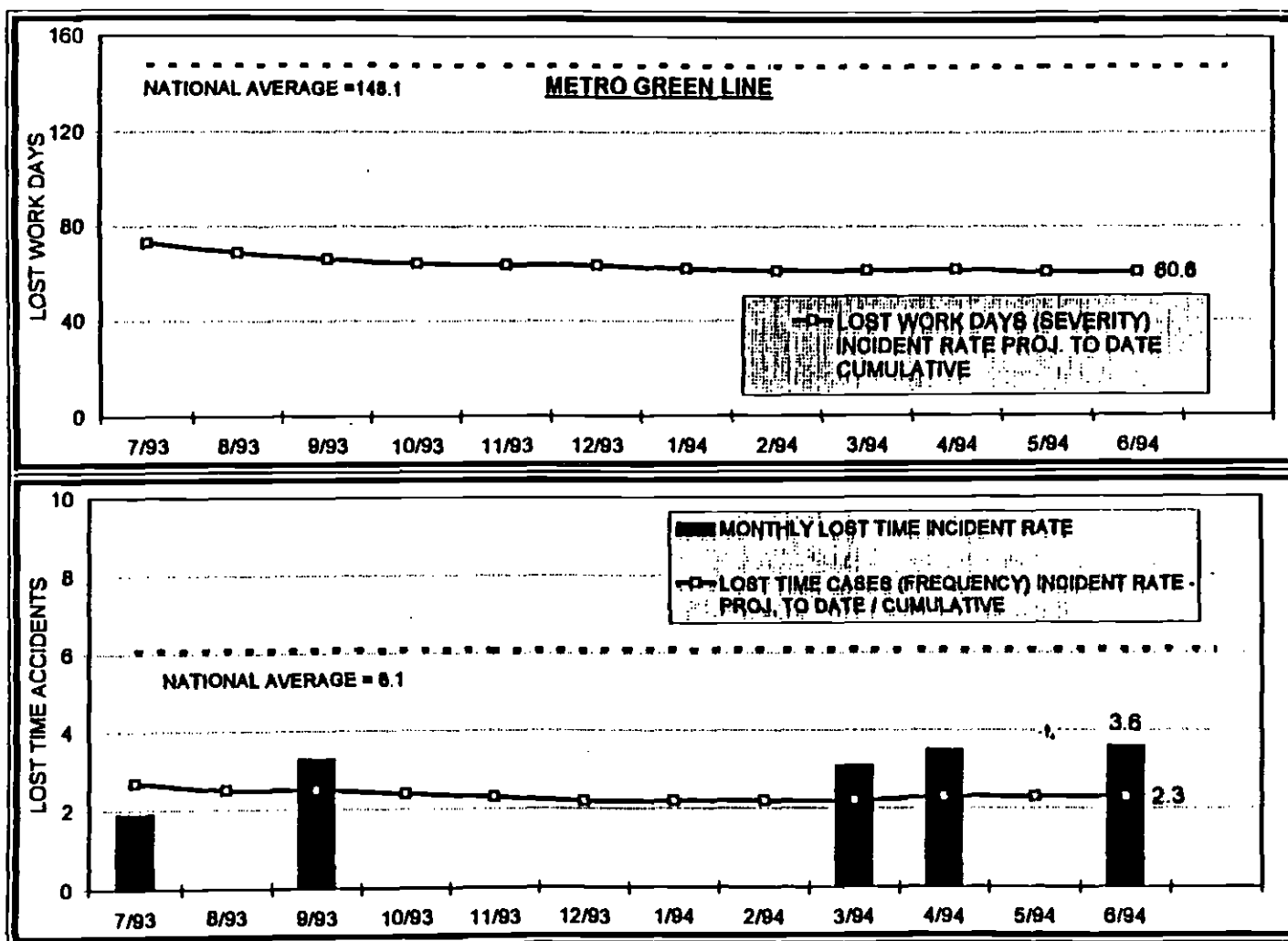


PROGRESS SUMMARY



* EXCLUDES NORTH COAST EXTENSION

Summary of Lost Time Accidents (FREQUENCY)
and Lost Work Days (SEVERITY)



Prepared by:
MASS TRANSIT GROUP

LEGEND

0	Open. Action still required.
	Completed or Not Applicable

CONTRACT CLOSE OUT STATUS
METRO GREEN LINE

CONTRACT NUMBER	DESCRIPTION	CLOSE OUT STATUS					COMMENTS	PROJECTED CLOSE-OUT DATE
		CLAIMS/ CHANGE ORDERS	FINAL PROG. PAYMENT	FINAL RELEASE	FINAL ACCEPT. CERTIF.	EQUIP. FINAL DELIV.		
C0610	Trackwork - El Segundo			0	0			Aug 94
P1800	Special Trackwork				0			Aug 94
C0600	Trackwork I-105		0	0	0			Aug 94
C0400	Main Yard & Shop	0	0	0	0			Sep 94
C0501	Systems Facilities Sitework	0	0	0	0			Sep 94
H1400	OCS	0	0	0	0			Nov 94
H0831	SCADA	0	0	0	0	0		Nov 94
H1310	Signs & Graphics	0	0	0	0	0		Dec 94
H0901	PIDS	0	0	0	0	0		Dec 94
H0832	CTS	0	0	0	0	0		Dec 94
H0840	Fare Collection Equipment	0	0	0	0	0		Dec 94
P2020	LRV's - 15 cars	0	0	0	0	0		Jan 95
C0090	Miscellaneous Construction	0	0	0	0			Jan 95
C0100	Guideway Construction	0	0	0	0			Jan 95
C0170	ADA Elevators	0	0	0	0			Jan 95
H0900	SSCS	0	0	0	0	0		Feb 95
H1200	TPSS	0	0	0	0			Feb 95
C0095	Fencing/WIDS	0	0	0	0	0		Jul 95
H0889	Radios	0	0	0	0	0		Jun 95
H1100	ATC	0	0	0	0	0		Feb 97

INVOICE PROCESSING

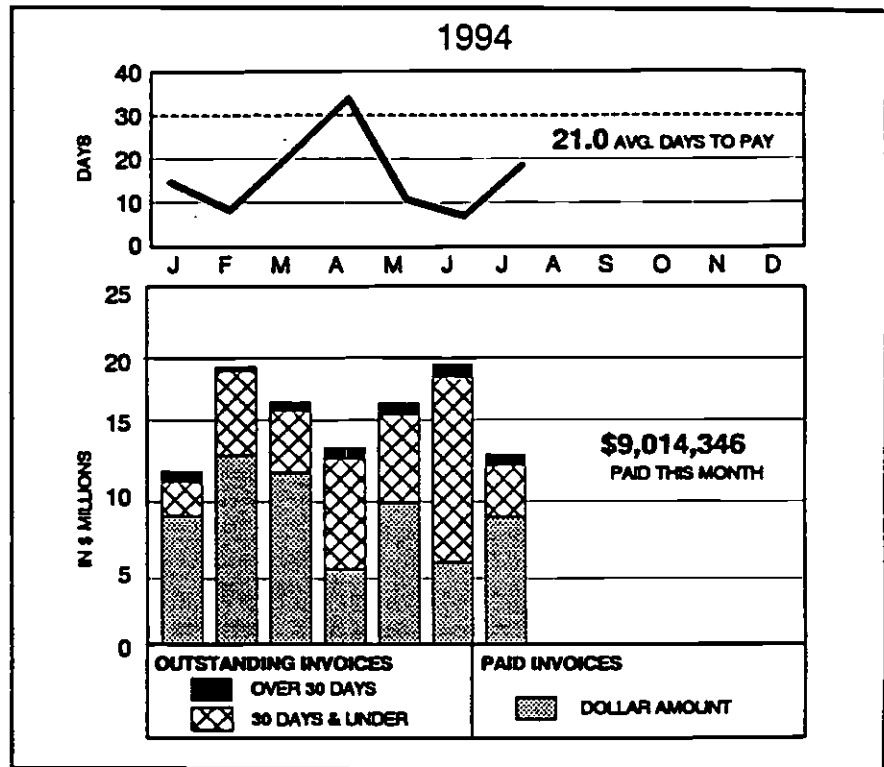
• The average time taken to pay invoices for Construction and Procurement contracts (including Insurance) was 21.0 days.

• 18 invoices were paid for a total value of \$9,014,346.

• There were 19 outstanding Construction or Procurement invoices under 30 days old for \$3,578,811.

• There were 4 outstanding Construction or Procurement invoices over 30 days old for \$867,507.

Construction/Procurement Invoice Status



Note: The average days to pay is the time from when the Resident Engineer approves a progress payment (invoice) to when Accounting issues a check for this invoice.

OUTSTANDING INVOICES

Month	Construction/Procurement Invoices				Other Invoices			
	30 Days and Under		Over 30 Days		30 Days and Under		Over 30 Days	
	Number of Invoices	Dollar Value	Number of Invoices	Dollar Value	Number of Invoices	Dollar Value	Number of Invoices	Dollar Value
APR 1994	12	7,774,338	3	876,144	25	2,070,064	15	182,638
MAY 1994	12	6,242,625	3	876,144	26	1,808,759	21	223,538
JUN 1994	23	13,078,143	4	953,877	30	6,006,160	32	5,619
JUL 1994	19	3,578,811	4	867,507	22	2,812,673	27	(52,322)

EXECUTIVE SUMMARY

COST STATUS

- The current forecast remains at \$1,450 million.

CONTRACT CLOSEOUT

- Continue closeout of the following construction contracts:

LEGEND	
0	Open. Action still required.
	Completed or Not Applicable

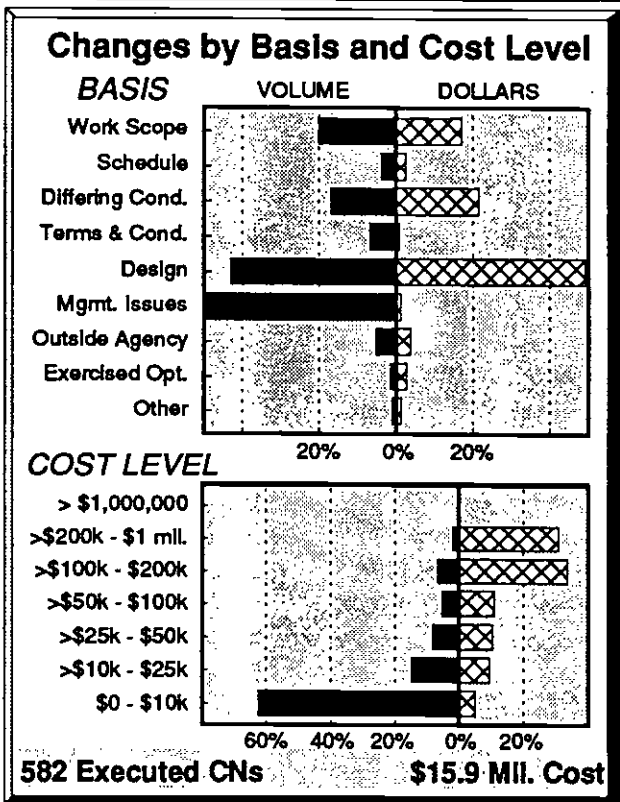
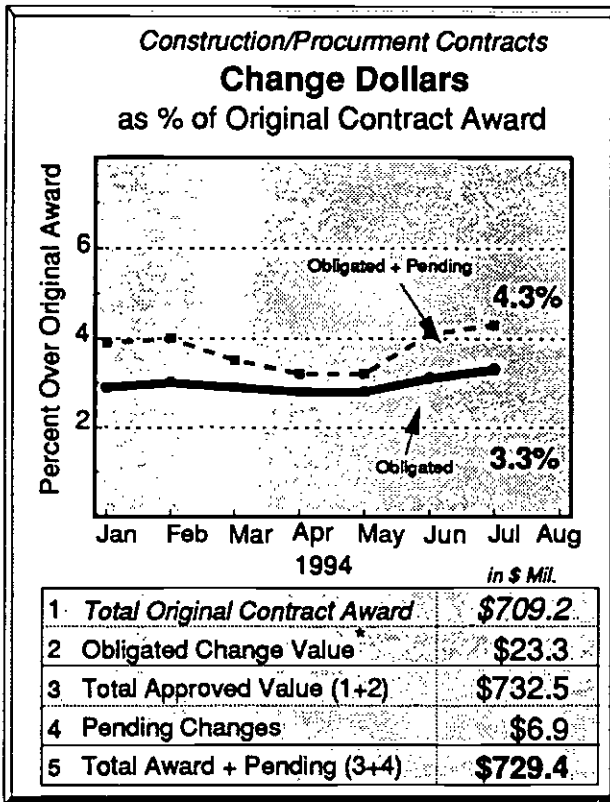
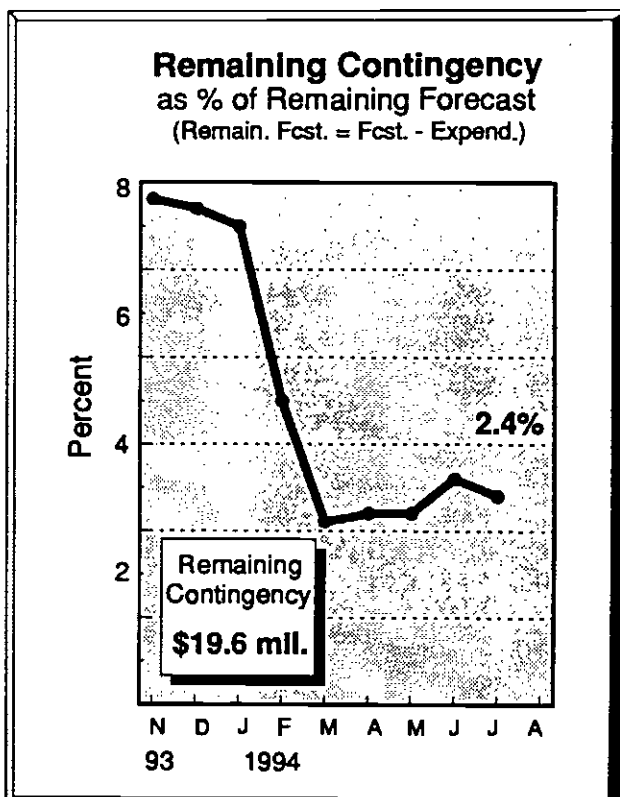
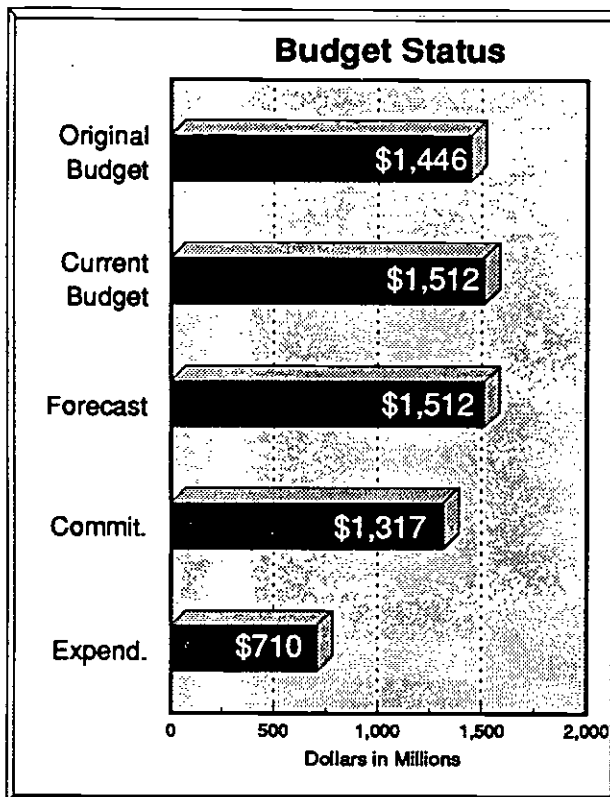
CONTRACT CLOSE OUT STATUS
METRO RED LINE SEGMENT 1

CONTRACT NUMBER	DESCRIPTION	CLOSE OUT STATUS					COMMENTS	PROJECTED CLOSE-OUT DATE
		CLAIMS/ CHANGE ORDERS	FINAL PROG. PAYMENT	FINAL RELEASE	FINAL ACCEPT. CERTIF.	EQUIP. FINAL DELIV.		
A165	7th & Flower Station	0	0	0	0	0	In litigation.	Sept 94
A610/115	Track Installation	0	0	0	0	0	Final closeout pending claims litigation.	Sept 94
A620	Automatic Train Control	0	0	0	0		Closeout phase.	Aug 94
A640	Communications	0	0	0	0	0	Closeout phase.	Aug 94

REMAINING ACTIVITIES

- Continue support and test of Breda vehicles.
- Continue supporting Grant closeout activities.
- Negotiate closeout of professional services contracts.
- Continue closeout of third party work orders.

FINANCIAL STATUS



R8107941.DRW

* Includes Approved and NTE Authorizations

SCHEDULE AND SAFETY STATUS

MTA Critical Activities

September 1994

✓ AWARD APPROVAL

No contract awards this month.

Employment Status

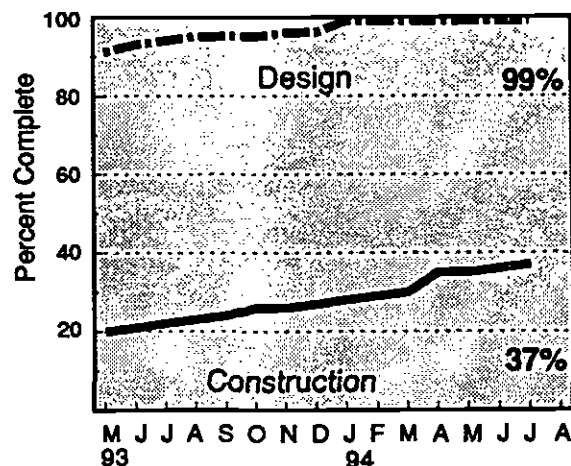
Months of Employment Provided

20,590

Based on an average
29 job-months provided
per million expended

Schedule Status

PROGRESS



Revenue Operation Date:

Wilshire Corridor

July 1996

Vermont/Hollywood Corridor

Sep 1998

Schedule Status

CRITICAL PATH - 1 Year Outlook

Wilshire

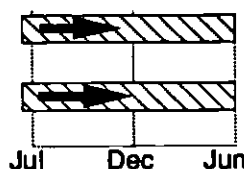
**57 days ahead
(positive float)**

B610 Construction

Trackwork

B620 Construction

Automatic Train Control



Vermont/Hollywood

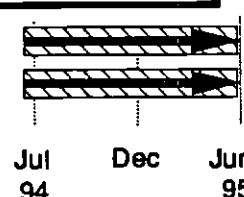
**0 days behind
(positive float)**

B251 Construction

Vermont/Hollywood Tunnel

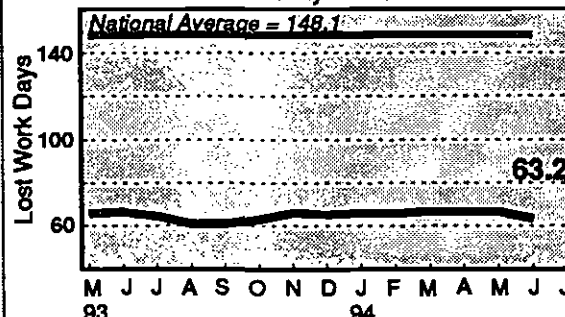
B241 Construction

Vermont/Beverly Station

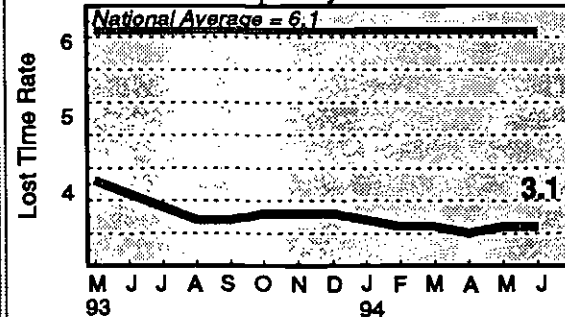


Safety

Accident Severity Rate - Cumulative



Accident Frequency Rate - Cumulative



EXECUTIVE SUMMARY

COST STATUS

in \$ million

- Current Budget \$1,511.7
- Current Forecast \$1,511.8
(including new requirements)

SCHEDULE STATUS

- Current Revenue Operation Dates

Wilshire Corridor	July	1996
Vermont/Hollywood Corridor	September	1998
- Design Progress 99%
- Construction Progress 37%

REAL ESTATE

	NUMBER OF PARCELS	NUMBER OF PARCELS AVAILABLE	PARCELS NOT AVAILABLE (ON SCHEDULE)	PARCELS NOT AVAILABLE (BEHIND SCHEDULE)	
				NUMBER	AVG. DAYS BEHIND
THIS MONTH	88	85	3	0	0
LAST MONTH	88	83	5	0	0

- There are now 88 parcels of land required for the Segment 2 Project. The acquisition breakdown for this land is as follows: 131 full takes, 44 subsurface easements, 3 temporary construction easements and 3 part-takes. Six additional parcels have been added for temporary Rights of Entry and 1 temporary license.

¹Two of the full take parcels are not required for construction.

EXECUTIVE SUMMARY (CON'T)

To date, there have been 85 parcels acquired. Forty-two of these parcels were acquired through condemnation and the remaining were negotiated acquisitions.

AREAS OF CONCERN

ONGOING

Contract B610, Delays Trackwork Installation

Concern: The B610 Contractor mitigation schedule reflects a realistic concrete installation rate; however, a concern arises over parallel planning of numerous running rail and contract rail installation activities. Start of concrete pours began later than planned and early pours covered less track footage than anticipated. The contract completion milestone is approximately six weeks behind schedule, and this has the potential to impact follow on systems work.

Action: The Contractor is evaluating a potential increase to the rate of concrete installation in order to mitigate schedule delays. In addition, the Contract B620 follow on contract should gain early access to begin unistrut installation.

Status: The Contract is considering a six day work week in order to mitigate schedule impacts.

Delay to Vermont/Hollywood Corridor Revenue Operation Date (ROD)

Concern: The projected delay to the Vermont/Hollywood Corridor Revenue Operation Date (ROD) decreased from one and one-half months to zero float. The critical path runs through the Vermont tunnels, concrete placement and turnover, to Contract B241, Vermont/Beverly Station.

AREAS OF CONCERN (CON'T)

- Action:** Continue schedule review of critical path activities for the following Contracts: B241, Vermont/Beverly Station; B251, Vermont/Hollywood Tunnel concrete placement; B271, Hollywood/Western Station, lower station excavation and concrete placement; B610, Trackwork Installation; B631, TPS Installation and Testing; B620, Operational and Dynamic Testing; integration testing of all systems; and Pre-Revenue Operations to ROD, to determine how best to mitigate the remaining delay.
- Status:** The negative float of 1.5 months was removed from the Project schedule primarily due to resequencing of B610 contract activities to reflect the current contract requirements. Other mitigation plans are being formulated.

**FTA PROJECT MANAGEMENT OVERSIGHT CONSULTANT
ITEMS FOR RCC ACTION**

The following items reflect action requirements identified in the June Monthly Project Report submitted to FTA by their Project Management Oversight Consultant, Hill International.

NEW**NONE****ONGOING****NONE****RESOLVED****March 1993, Financial Management Information System**

Concern: The MTA should focus on the integration of the accounting systems and integration with the RCC's cost management system.

Action: The FIS integration is in process.

Status: CLOSED. IBM/Oracle has been selected as the consultant to handle the integration project. The MTA Board approved the contract in May.

KEY ACTIVITIES - JULY

Design

- Contract B216, Site Restoration - Wilshire/Vermont, completed the Preliminary Design Package and submitted it to the Client.
- Contract B251, Vermont/Hollywood Line, continued the analysis of the as-built tunnel realignment along the Vermont Corridor and provided results of the analysis and rectification requirements to the Construction Manager.
- Contract B261, Vermont/Sunset Station, numerous site visits were made in order to develop as-built drawings. Issued a schedule of design deliverables to the RCC.
- Contract B281, Hollywood/Vine Station, the Hollywood Construction Impact Program finalized the Noise and Vibration Study. Submitted temporary construction shop drawings.
- Contract B631, Traction Power Installation, prepared the drawings required for a ROM (Rough Order Of Magnitude) cost estimate for additional sectionalization.
- Contract B710, Escalators and Elevators, continued the review of shop drawing submittals for the Wilshire/Normandie Station (Contract B221), the Wilshire/Western Station (Contract B231) and began the review of the shop drawings for the Wilshire/Vermont Station (Contract B215).
- Contract B740, Ventilation Equipment, and Contract B745, Air Handling Equipment; the equipment start-up is in progress for the B231 (Wilshire/Western Station And Crossover) Station.

Construction

- Contract B211, Wilshire/Vermont Station, Stage 1; completed placement of concrete for the outside air intake (grid 19) and to the surface of the west Blast Relief Shaft.
- Contract B215, Wilshire/Vermont Station, Stage 2; continued excavation for the entrance structure and the installation and pre-loading of the excavation support system at upper track level (D). Continued installation of masonry walls and electrical systems inside the station.

KEY ACTIVITIES (CON'T)

- Contract B221, Wilshire/Normandie Station and Line, completed installation of stainless steel ceiling grills, granite tiles, and Motor Control Centers in the west auxiliary power room in side the station. Proceeding with installation of side structures, interior work in the crosspassages and installation of floating slabs in the BL tunnel. The usage of the turnout structure was transferred to Contract B251.
- Contract B231, Wilshire/Western Station and Crossover, completed concrete pour at the Plaza area and Bus layover area; paving of Wilshire Boulevard and the placement of terrazzo tiles on Wilshire, Oxford, and Serrano Street. Installation of HVAC equipment and the installation of the edgelight system were finished; and painting within the station is 99% complete.
- Contract B241, Vermont/Beverly Station, all station and side structure piles on the west side of Vermont Avenue have been installed; as well as utility lines on the west side, excluding the gas line currently being installed.
- Contract B251, Vermont/Hollywood Tunnels, completed the placement of arch concrete for crosspassages Nos. 19, 24, 25 and 26.
- Contract B252, Vermont/Santa Monica Station, continued implementation of Phase 1 traffic control, drilling and installation of soldier piles, and backfill of the east Vermont pile trench.
- Contract B261, Vermont/Sunset Station, the Phase 1 traffic plan was implemented, and the installation of piles began July 26, 1994.
- Contract B271, Hollywood/Western Station, completed installation of the gas line at Hollywood and Western and established the Resident Engineer's field office.
- Contract B281, Hollywood Vine Station, completed installation of an eight foot wooden fence at the northwest corner of the construction staging area, continued pile installation, and began demolition proceedings at the Network Auto Body building.
- Contract B610, Trackwork Installation, rail welding plant removed; preconstruction survey in the tunnel continues, and 750 track feet of the plinth concrete was placed.

KEY ACTIVITIES (CON'T)

- Contract B740, Ventilation Equipment, installation of equipment at Contract B231 is nearing completion; and the transfer of major equipment for the B221 station is finished.
- Contract B745, Air Handling & TPSS Fans, the Air Handling Units (AHU), fabrication of the equipment for the B215 station was completed; and four AHV's and two TPSS fans were delivered.

KEY ACTIVITIES - PLANNED FOR AUGUSTDesign

- Contract B261, Vermont/Sunset Station, issue new drawings and mark-ups for construction Change Order #1, which will allow the Contractor, T-S-P (Tutor Saliba Perini) to modify present excavation support design and to develop new excavation support.
- Contract B281, Hollywood/Vine Station, prepare a DCN for the parking lot design on the site of the earthquake damaged Hastings Hotel. Initiate a DCN for the concrete precast panels at the sidewalks along the "Hollywood Walk of Fame."
- Contract B620, Automatic Train Control, resolve the issue involving the Wilshire/Alvarado ATC material modification Change Order.
- Contract B631, Traction Power Installation, complete the wire inter-connection schedule for the Wilshire/Normandie Substation per the B630 as-built drawings.
- Contract B710, Escalators and Elevators, Incorporate Change Notice 2.00 for Contract B231, which relates to escalator cladding, into Contract B710 documents.
- Contract B761, Illuminated Signs And Edgelights Procurement, incorporate DCN 93-88.01 (Exit Sign Change) into the contract documents.

Construction

- Contract B211, Wilshire/Vermont Station, Stage 1; continue punchlist work items; backfill on top of the station box, and installation of HDPE on the roof and plenum structures.
- Contract B215, Wilshire/Vermont Station, Stage 2; continue installation of masonry walls and electrical installation in the station.

KEY ACTIVITIES (CON'T)

- Contract B221, Wilshire/Normandie Station and Line, proceed with construction of the side structures, structural backfill, HVAC and electrical rough-ins. Complete station main entrance exterior walls and installation of floating slabs.
- Contract B231, Wilshire/Western Station, install escalator truss; continue testing of electrical and mechanical systems and proceed with the installation of the local control station.
- Contract B241, Vermont/Beverly Station, the Contractor will shift work efforts to the east side of Vermont Avenue and will implement Traffic Control Plan-Phase 2.
- Contract B251, Vermont/Hollywood Tunnel, continue Hollywood Corridor tunnel excavation, concreting operations in the Vermont Corridor, and maintenance of the dewatering system.
- Contract B252, Vermont/Santa Monica Station, continue installation of soldier piles on the west side of Vermont, switching from Phase 1 to Phase 2 traffic control; install geotechnical instrumentation, and place concrete deck mat.
- Contract B261, Vermont/Sunset Station, continue installation of piling.
- Contract B271, Hollywood/Western Station, continue utility relocation.
- Contract B281, Hollywood/Vine Station, proceed with soldier pile work on the north side of the street.
- Contract B610, Trackwork Installation, continue contract work in the Yard and placement of plinth concrete.
- Contract B740, Ventilation Equipment, conclude field testing of contract B231 equipment. For Contract B215, UPE fan testing is expected to occur in mid August.
- Contract B745, Air Handler & TPSS Fans, major equipment deliveries such as the fans and the dampers are taking place in August, beginning with damper deliveries on August 10, 1994.

**RAIL CONSTRUCTION CORPORATION
PROJECT COST REPORT
COST BY ELEMENT
WITH NEW REQUIREMENTS**

Project: R81 METRO RED LINE - SEGMENT 2

Period: Jul 1, 1994 to Jul 29, 1994
Run Date: Aug 10, 1994
Units: \$ in Thousands (Truncated)

ELEMENT / DESCRIPTION	ORIGINAL BUDGET	CURRENT BUDGET		COMMITMENTS		INCURRED		EXPENDITURES		CURRENT FORECAST		FORECAST VARIANCE
		Period	To Date	Period	To Date	Period	To Date	Period	To Date	Period	To Date	
TOTAL PROJECT												
T CONSTRUCTION	893,000	10,360	943,224	2,178	854,288	14,087	424,450	14,714	396,766	-124	955,568	12,344
S PROFESSIONAL SERVICES	289,150	-2,822	351,981	-3,931	311,330	6,190	217,130	6,190	217,130	0	348,415	-3,565
R REAL ESTATE	79,827	3,732	87,300	0	75,176	2,274	79,836	2,274	79,836	0	86,860	-440
F UTILITY/AGENCY FORCE ACCOUNTS	36,668	1,326	31,122	0	21,408	-105	11,967	-105	11,967	0	33,813	2,691
D SPECIAL PROGRAMS	2,044	14	4,416	0	537	0	433	0	433	1,924	2,484	-1,931
C PROJECT CONTINGENCY	145,743	-12,420	28,579	0	0	0	0	0	0	-1,800	19,589	-8,989
A PROJECT REVENUE	0	-190	-190	0	0	0	-233	0	-233	0	-300	-110
TOTAL PROJECT	1,446,432	0	1,446,432	-1,753	1,262,740	22,447	743,585	23,074	705,901	0	1,446,432	0
NEW REQUIREMENTS												
T CONSTRUCTION	0	-8,395	46,629	88	43,156	0	0	0	0	143	46,863	234
S PROFESSIONAL SERVICES	0	6,200	14,425	6,829	11,366	74	4,147	74	4,147	0	14,777	351
R REAL ESTATE	0	0	0	0	1	1	1	1	1	0	0	0
D SPECIAL PROGRAMS	0	0	0	0	43	0	14	0	14	0	20	20
C PROJECT CONTINGENCY	0	2,195	4,195	0	0	0	0	0	0	0	3,732	-462
TOTAL NEW REQUIREMENTS	0	0	65,249	6,917	54,566	76	4,163	76	4,163	143	65,393	143
GRAND TOTAL	1,446,432	0	1,511,681	5,163	1,317,307	22,523	737,748	23,150	710,065	143	1,511,825	143

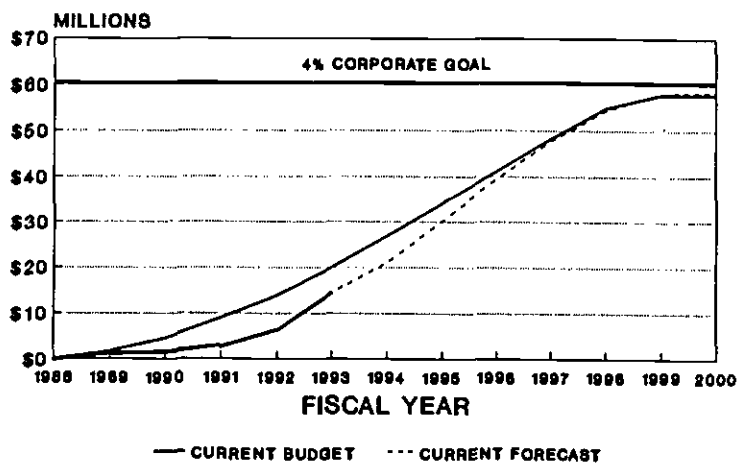
RAIL CONSTRUCTION CORPORATION
METRO RAIL PROJECT SEGMENT 2
(IN THOUSAND OF DOLLARS)

11-Aug-94

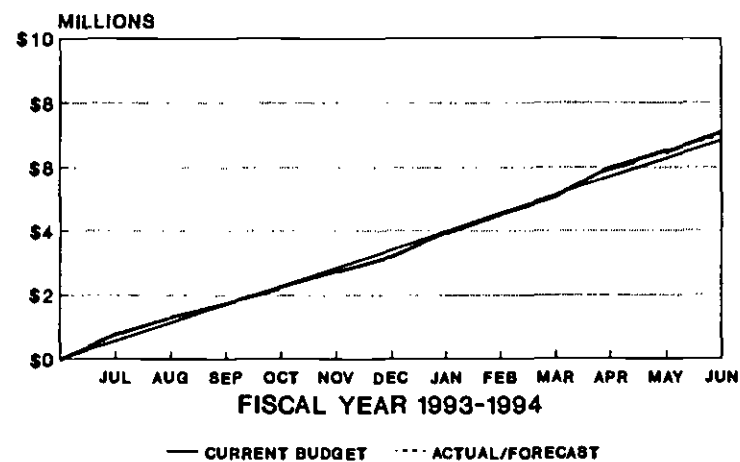
STATUS OF FUNDS BY SOURCE

SOURCE	TOTAL FUNDS ANTICIPATED	TOTAL FUNDS AVAILABLE	* COMMITMENTS		EXPENDITURES (4)		BILLED TO SOURCE	
			\$	%	\$	%	\$	%
FTA-SECTION 3	\$667,000	\$597,653	\$602,597	90%	\$302,624	45%	\$277,599	42%
FTA-SECTION 3 DEFERRED LOCAL SHARE (1)			\$0		\$71,347		\$63,005	
STATE	\$185,129	\$133,000	\$184,801	100%	\$133,000	72%	\$133,000	72%
PROPOSITION A	\$440,303	\$148,954	\$365,255	83%	\$119,250	27%	\$127,593	29%
CITY OF L.A.	\$96,000	\$49,600	\$80,178	84%	\$49,684	52%	\$45,600	48%
BENEFIT ASSESS.	\$58,000	\$0	\$30,004	52%	\$30,004	52%	\$0	0%
COST OVERRUN ACCOUNT (2)	\$0	\$19,635	\$0	0%	\$0	0%	\$0	0%
BENEFIT ASSESS. SHORTFALL (3)	\$0	\$0	\$0	0%	\$0	0%	\$30,004	
TOTAL	\$1,446,432	\$948,842	\$1,262,835	87%	\$705,909	49%	\$676,801	47%
PROP C (AMERICAN DISABILITY ACT)	\$5,996	\$404	\$4,186	70%	\$434	7%	\$408	7%
PROP A (TRANSIT ENHANCEMENTS)	\$59,254	\$3,665	\$50,286	85%	\$3,722	6%	\$3,678	6%
GRAND TOTAL	\$1,511,681	\$952,911	\$1,317,307	87%	\$710,065	47%	\$680,887	45%
(1) FTA Section 3 Deferred Local Share. Commitments and expenditures are effective starting July 1st. 1992. (2) The Cost Overrun Account includes CAPRA funds only. (3) The current Benefit Assessment District revenue shortfall is being funded by MTA. (4) Expenditures are cumulative through June 1994.								

AGENCY COSTS RED LINE SEGMENT 2



FISCAL YEAR 1994 AGENCY COSTS RED LINE SEGMENT 2



PROJECT AGENCY COSTS RED LINE SEGMENT 2 (\$000)

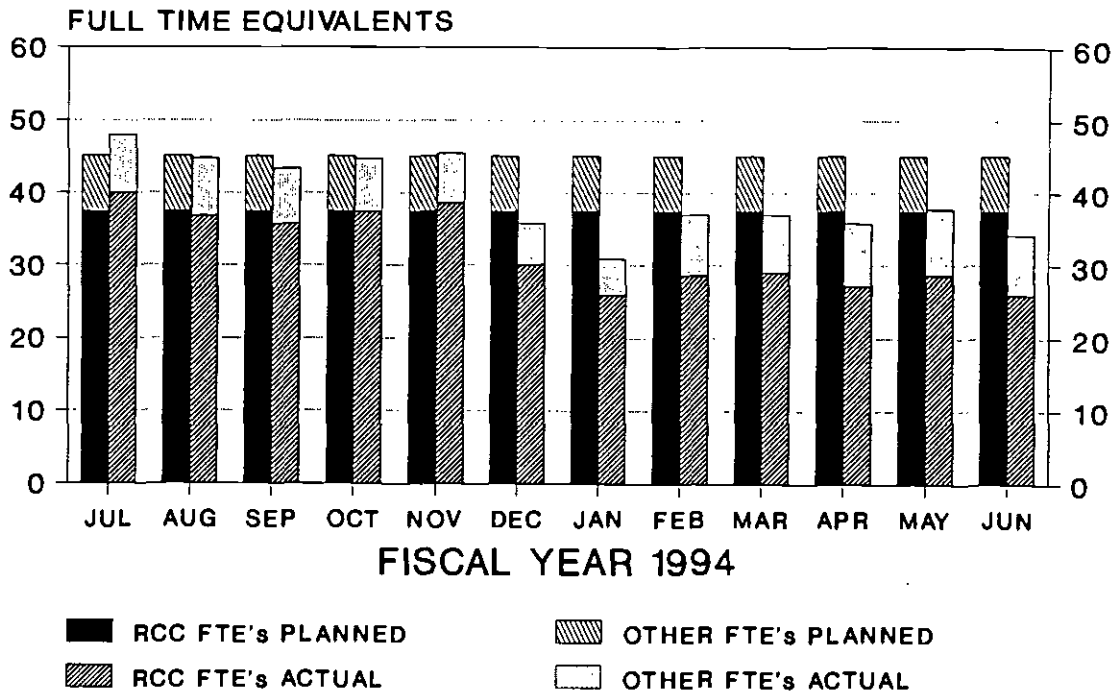
TOTAL PROJECT BUDGET	\$1,611,682
CURRENT BUDGET	\$ 57,840
BUDGET % OF TOTAL PROJECT	3.8%
CURRENT FORECAST	\$ 58,396
FORECAST % OF TOTAL PROJECT	3.9%
ACTUAL THROUGH FY 93	\$ 14,686

FISCAL YEAR 1994 AGENCY COSTS RED LINE SEGMENT 2 (\$000)

CURRENT BUDGET	\$6,834
CURRENT FORECAST	\$6,959
BUDGET PLAN TO DATE	\$6,834
ACTUAL TO DATE	\$6,959

STAFFING PLAN VS. ACTUAL

RED LINE SEGMENT 2



FY'94 Budget

RED LINE (SEGMENT 2) STAFFING PLAN

FISCAL YEAR 1994

RCC FTE's PLANNED	37
RCC FTE's ACTUAL	26
OTHER FTE's PLANNED	8
OTHER FTE's ACTUAL	8
TOTAL FTE's PLANNED	45
TOTAL FTE's ACTUAL	34

COSTS SHOWN ARE FOR
PROJECT R81 ONLY.

**R81 - Metro Red Line Seg-2
PROJECT CHANGE VALUES ONLY**

**PROJECT CHANGE ACTIVITY SUMMARY:
CHANGES V. BOARD APPROVED CHANGE CONTINGENCY**
AS OF 07/15/94

MTA APPROVED CONTRACT AWARD		MTA APPROVED CHANGE CONTINGENCY (CTG)			APPROVED CHANGES TO DATE					REMAINING CONTINGENCY	PROJECTED			
CONTRACT	AWARD VALUE	% ALLOWED	CURRENT \$ ALLOWED	TOTAL APPROVED AFE (R81)	APPROVED CHANGES	CURRENT CONTRACT VALUE	% INCR	% CTG USED	% COMP- LETE	CURRENT UNUSED ALLOWANCE	PENDING CHANGES	REMAINING FORECAST CONTINGENCY	% CTG USED	% INCR
A.	B.	C.	D.	E.(B+D)	F.[1]	G.(B+F)	H.[2]	I.	J.	K.(D-F)	L.[3]	M.(K-L)	N.	O.
B201	\$44,577,273	20%	\$8,922,727	\$53,500,000	\$5,357,022	\$49,934,295	12.0%	60%	100%	\$3,565,705	\$167,585	\$3,398,120	62%	12.4%
B211	\$38,497,177	13%	\$4,958,818	\$43,445,995	\$1,824,410	\$40,411,587	5.0%	38%	92%	\$3,034,408	\$140,217	\$2,894,191	42%	5.4%
B215	\$26,177,700	10%	\$2,611,830	\$28,789,530	\$89,000	\$26,246,700	0.3%	3%	0%	\$2,542,830	\$240,900	\$2,301,930	12%	1.2%
B218	\$84,000	135%	\$88,800	\$150,800	\$80,184	\$144,184	125.3%	93%	100%	\$6,406	\$0	\$6,406	83%	125.3%
B221	\$78,812,783	14%	\$10,984,831	\$89,677,324	\$8,143,826	\$86,956,619	7.7%	57%	83%	\$4,720,705	\$2,157,843	\$2,562,862	76%	10.4%
B228	\$857,428	10%	\$85,742	\$1,053,170	\$20,067	\$977,495	2.1%	21%	0%	\$75,675	\$46,148	\$28,526	69%	5.9%
B231	\$53,645,201	10%	\$5,364,520	\$59,009,721	\$4,223,722	\$57,866,923	7.9%	78%	95%	\$1,140,798	\$1,452,662	\$1311,884	106%	10.6%
B241	\$40,957,557	10%	\$4,095,756	\$45,053,313	\$86,000	\$41,045,557	0.2%	2%	0%	\$4,007,756	\$50,000	\$3,957,756	3%	0.3%
B251	\$129,655,578	10%	\$12,965,558	\$142,621,136	\$4,413,500	\$134,068,078	3.4%	34%	47%	\$8,552,058	\$2,976,702	\$5,575,356	57%	5.7%
B252	\$50,879,631	11%	\$5,596,158	\$56,730,789	\$28,930	\$50,908,551	0.1%	0%	0%	\$5,824,228	\$734,945	\$5,089,284	13%	1.5%
B261	\$44,968,898	10%	\$4,496,700	\$49,463,598	(\$50,330)	\$44,916,668	-0.1%	-1%	0%	\$4,547,030	\$19,000	\$4,528,030	-1%	-0.1%
B268	\$88,000	10%	\$8,800	\$96,800	\$8,550	\$88,550	9.7%	87%	100%	\$250	\$0	\$250	97%	9.7%
B271	\$38,848,000	10%	\$3,884,800	\$42,842,800	\$0	\$38,848,000	0.0%	0%	0%	\$3,884,800	\$0	\$3,884,800	0%	0.0%
B281	\$49,287,000	12%	\$5,914,440	\$55,201,440	\$377,870	\$49,664,670	0.8%	8%	0%	\$5,536,570	(\$82,145)	\$5,618,715	5%	0.6%
B288	\$76,478	14%	\$10,622	\$87,100	\$9,845	\$86,323	12.9%	83%	100%	\$777	\$0	\$777	93%	12.9%
B290	\$0	***	\$0	\$0	\$0	\$0	***%	***%	0%	\$0	\$0	\$0	***%	0.0%
B610	\$16,689,652	10%	\$1,668,965	\$18,358,617	\$39,145	\$16,728,797	0.2%	2%	1%	\$1,629,820	(\$1,405,162)	\$3,034,982	-82%	***%
B611	\$2,719,049	10%	\$271,905	\$2,990,954	\$0	\$2,719,049	0.0%	0%	0%	\$271,905	\$0	\$271,905	0%	0.0%
B612	\$3,994,356	10%	\$399,436	\$4,393,791	\$0	\$3,994,356	0.0%	0%	0%	\$399,436	\$0	\$399,436	0%	0.0%
B614	\$2,646,829	10%	\$264,683	\$2,911,512	\$800	\$2,647,629	0.0%	0%	0%	\$263,883	\$0	\$263,883	0%	0.0%
B616	\$758,583	10%	\$75,858	\$835,541	\$0	\$758,583	0.0%	0%	0%	\$75,958	\$18,720	\$57,238	25%	2.5%
B620	\$18,031,285	13%	\$2,326,033	\$20,357,298	(\$31,367)	\$17,999,898	-0.2%	-1%	28%	\$2,357,400	(\$117,948)	\$2,475,348	-6%	-0.8%
B630	\$6,157,150	10%	\$615,715	\$6,772,865	\$103,231	\$6,260,381	1.7%	17%	0%	\$512,484	\$0	\$512,484	17%	1.7%
B631	\$4,467,165	10%	\$446,717	\$4,913,882	\$0	\$4,467,165	0.0%	0%	0%	\$446,717	\$180,731	\$265,986	40%	4.0%
B641	\$10,230,159	10%	\$1,023,016	\$11,253,175	\$0	\$10,230,159	0.0%	0%	0%	\$1,023,016	\$0	\$1,023,016	0%	0.0%
B642	\$1,102,267	10%	\$110,227	\$1,212,494	\$0	\$1,102,267	0.0%	0%	0%	\$110,227	\$0	\$110,227	0%	0.0%
B643	\$780,127	10%	\$78,013	\$858,140	\$0	\$780,127	0.0%	0%	0%	\$78,013	\$0	\$78,013	0%	0.0%
B644	\$3,260,888	13%	\$435,017	\$3,698,005	\$0	\$3,260,888	0.0%	0%	0%	\$435,017	\$18,200	\$415,817	4%	0.6%

[*] Costs shared with other projects. Costs shown are for R81 ONLY. [1] Includes both executed CO's and authorized (WACN) changes [2] % increase over original award [3] Logged contract changes ONLY

COSTS SHOWN ARE FOR
PROJECT R81 ONLY.

R81 - Metro Red Line Seg-2
PROJECT CHANGE VALUES ONLY

PROJECT CHANGE ACTIVITY SUMMARY:
CHANGES V. BOARD APPROVED CHANGE CONTINGENCY
AS OF 07/15/94

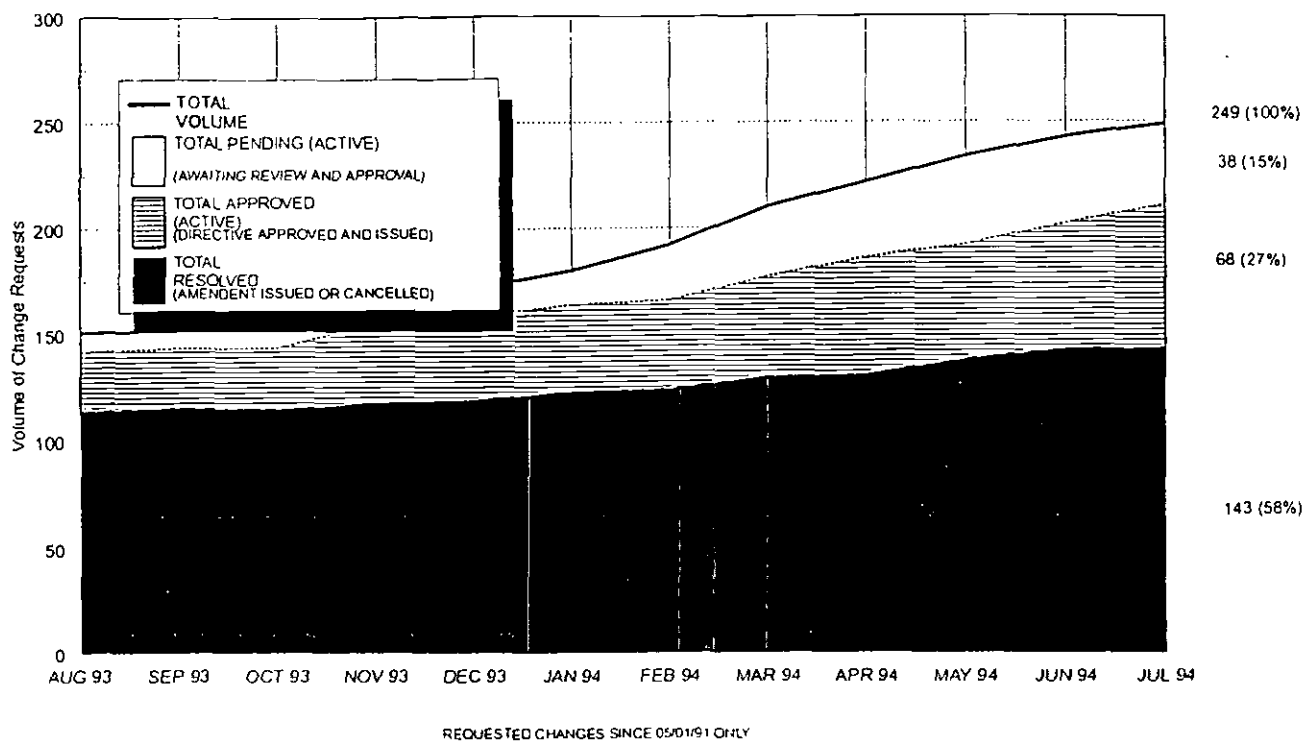
MTA APPROVED CONTRACT AWARD		MTA APPROVED CHANGE CONTINGENCY (CTG)			APPROVED CHANGES TO DATE					REMAINING CONTINGENCY	PROJECTED			
CONTRACT	AWARD VALUE	% ALLOWED	CURRENT ALLOWED	TOTAL APPROVED AFE (R81)	APPROVED CHANGES	CURRENT CONTRACT VALUE	% INCR	% CTG USED	% CDMP- LETE	CURRENT UNUSED ALLOWANCE	PENDING CHANGES	REMAINING FORECAST CONTINGENCY	% CTG USED	% INCR
A.	B.	C.	D.	E.(B+D)	F.(1)	G.(B+F)	H.(2)	I.	J.	K.(D-F)	L.(3)	M.(K-L)	N.	O.
*B645	\$2,566,871	5%	\$117,268	\$2,684,129	\$0	\$2,566,871	0.0%	0%	0%	\$117,268	\$0	\$117,268	0%	0.0%
*B646	\$2,547,766	10%	\$254,777	\$2,802,543	\$0	\$2,547,766	0.0%	0%	0%	\$254,777	\$13,000	\$241,777	5%	0.5%
B648A	\$2,206,354	10%	\$220,636	\$2,426,990	\$0	\$2,206,354	0.0%	0%	0%	\$220,636	\$0	\$220,636	0%	0.0%
B648B	\$0	***%	\$0	\$0	\$0	\$0	***%	***%	0%	\$0	\$0	\$0	***%	0.0%
*B710	\$14,442,962	18%	\$2,716,277	\$17,158,239	\$10,000	\$14,452,962	0.1%	0%	0%	\$2,706,277	\$185,000	\$2,520,277	7%	***%
*B740	\$10,526,268	10%	\$1,052,627	\$11,578,895	\$191,678	\$10,717,946	1.8%	18%	23%	\$860,949	\$15,500	\$845,449	20%	2.0%
*B746	\$1,808,381	46%	\$826,136	\$2,633,517	\$291,496	\$2,099,877	16.7%	35%	20%	\$533,640	\$123,623	\$410,117	50%	22.9%
*B760	\$484,849	10%	\$48,485	\$533,334	\$0	\$484,849	0.0%	0%	0%	\$48,485	\$0	\$48,485	0%	0.0%
*B761	\$3,226,672	10%	\$322,667	\$3,549,339	\$39,921	\$3,266,593	1.2%	12%	0%	\$282,746	\$2,426	\$280,321	13%	1.3%
*B786	\$2,004,683	10%	\$200,468	\$2,205,151	\$0	\$2,004,683	0.0%	0%	0%	\$200,468	\$0	\$200,468	0%	0.0%
	\$709,234,209	12%	\$83,615,616	\$792,849,827	\$23,337,509	\$732,571,719	3.3%	28%	27%	\$80,278,108	\$6,938,886	\$53,339,242	36%	4.3%

(*) - AFE increase required

(*) - AFE increase MAY be required to cover pending changes.

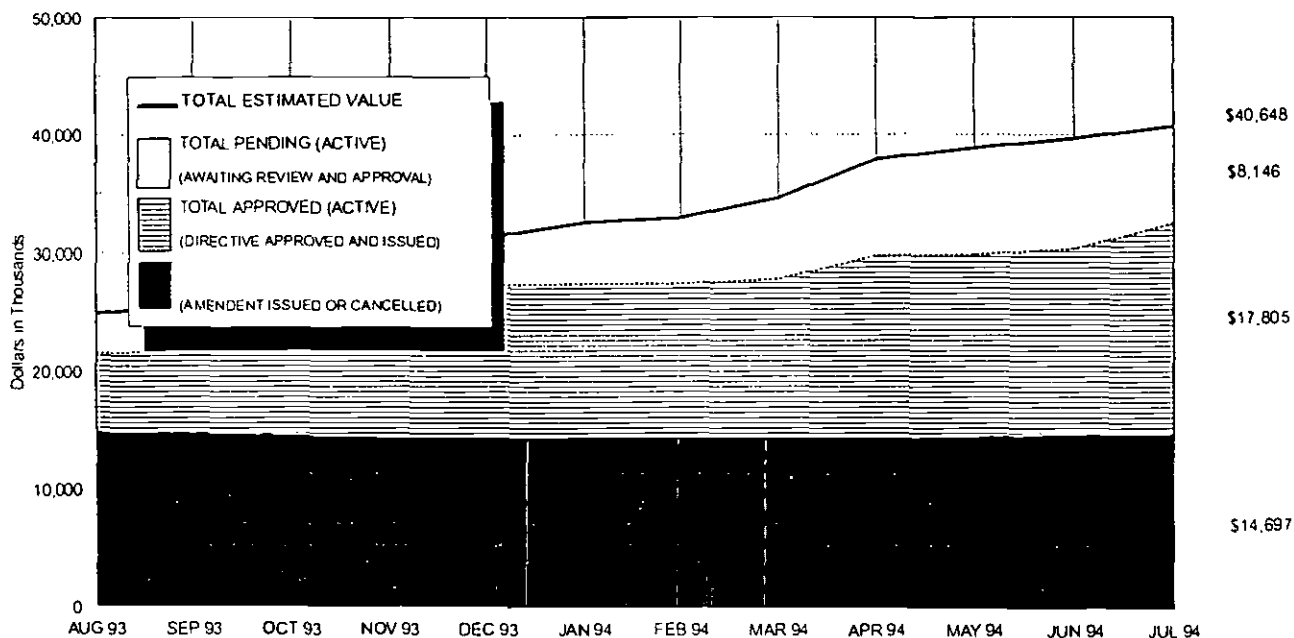
(*) Costs shared with other projects. Costs shown are for R81 ONLY. (1) Includes both executed CO's and authorized (WACN) changes (2) % increase over original award (3) Logged contract changes ONLY

CONSULTANT CONTRACT CHANGE SUMMARY
RED LINE SEG-2 CONSULTANT CHANGE REQUEST VOLUME

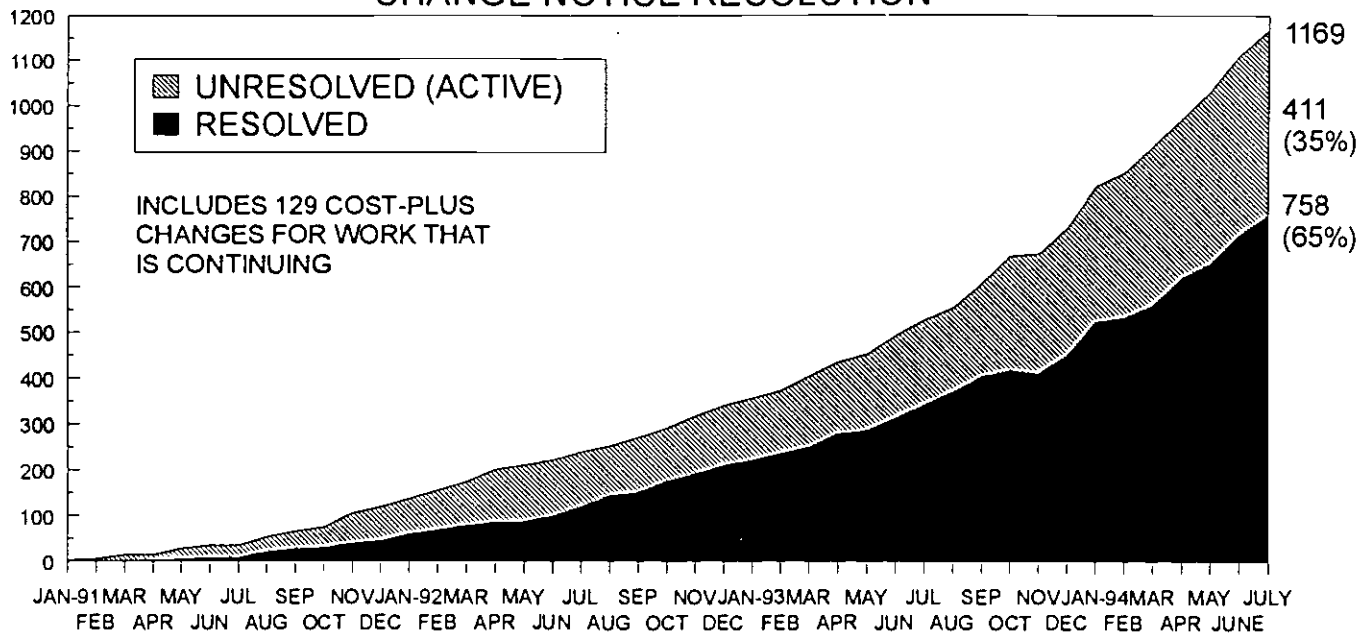


AGE OF UNRESOLVED CONSULTANT CHANGES					
TIME	0-30 DAYS	30-60 DAYS	61-90 DAYS	OVER 90	TOTAL ACTIVE
VOLUME	21	13	12	60	106
PERCENT	20%	12%	12%	56%	100%

CONSULTANT CONTRACT CHANGE SUMMARY
RED LINE SEG-2 CONSULTANT CHANGE REQUEST VALUES

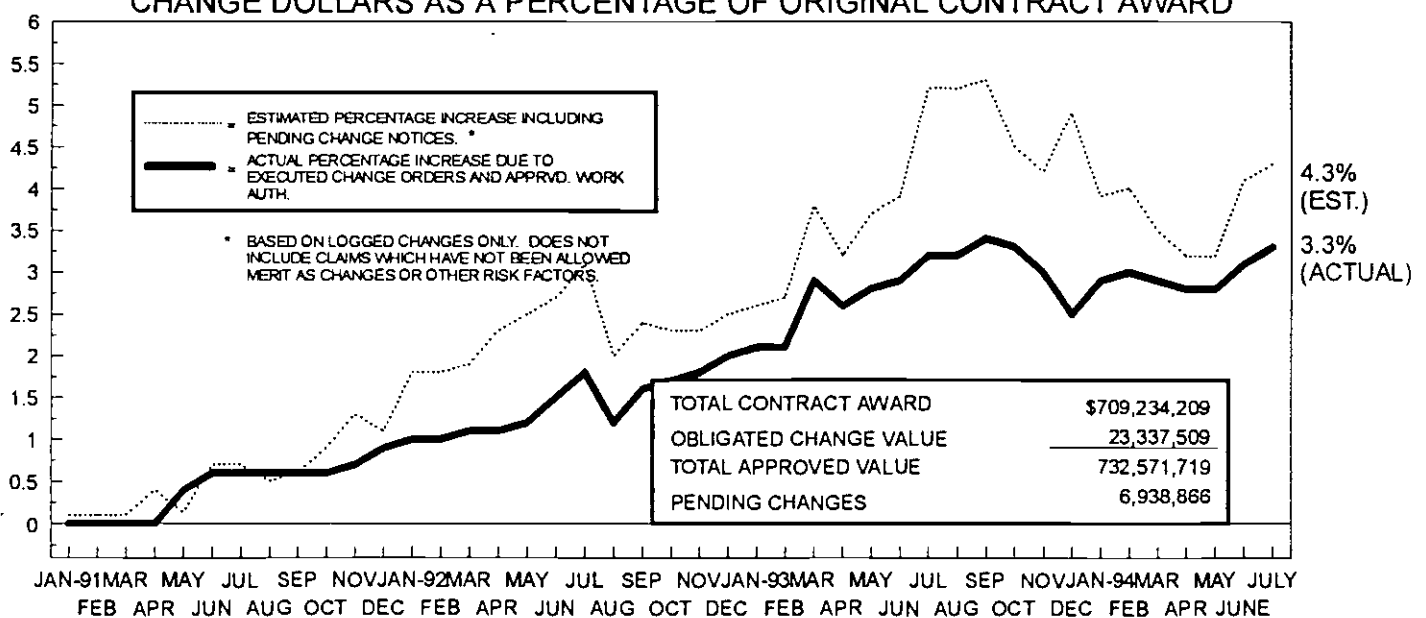


CONSTRUCTION/PROCUREMENT CONTRACT CHANGES CHANGE NOTICE RESOLUTION



AGE OF UNRESOLVED CHANGES					
TIME	0-30 DAYS	31-60	61-90	OVER 90	TOTAL ACTIVE
VOLUME	144	47	47	177	411
PERCENT	35%	11%	11%	43%	100%

CONSTRUCTION/PROCUREMENT CONTRACT CHANGES CHANGE DOLLARS AS A PERCENTAGE OF ORIGINAL CONTRACT AWARD



CONSTRUCTION/PROCUREMENT CONTRACT CHANGES

CHANGE NOTICE BASIS BREAKDOWN

R81B - R81B

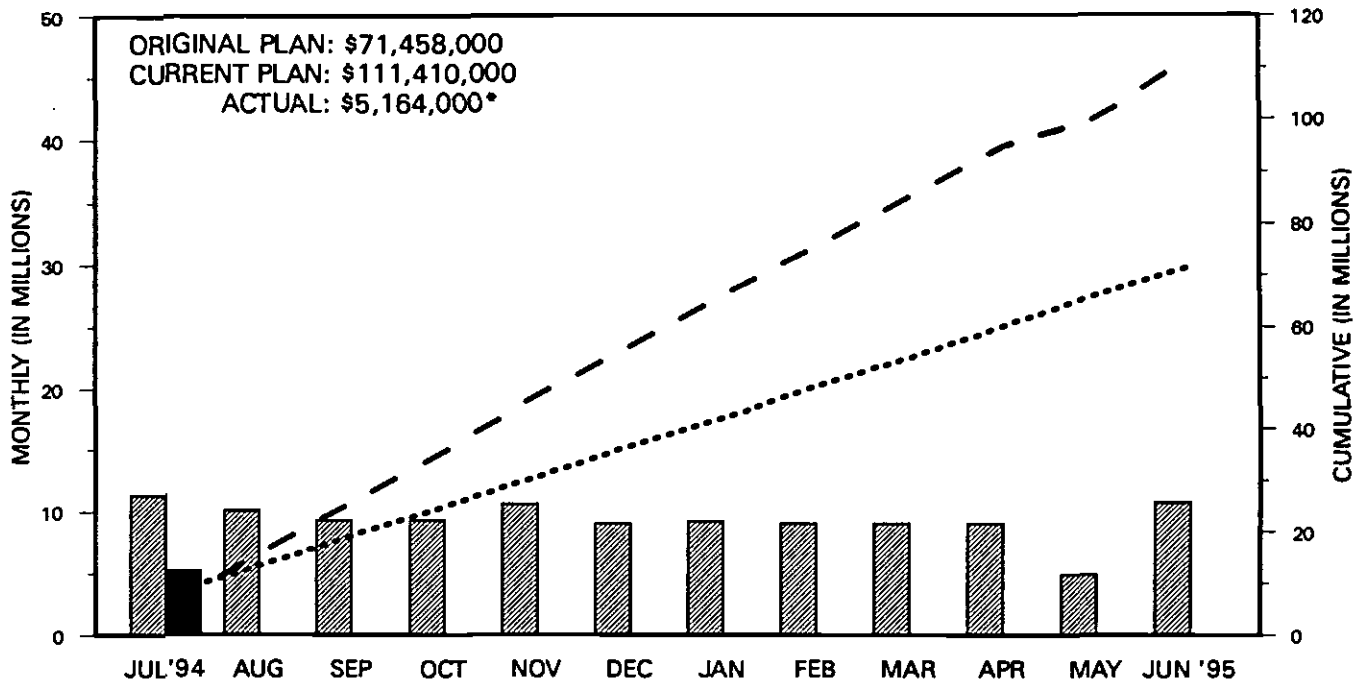
EXECUTED CHANGES AS OF 07/15/94

	# CN'S	% Total Volume	Change Cost	% Total Change Cost
WORK SCOPE				
110 EXTRA WORK	88	15.12%	\$2,084,314.97	13.11%
115 ADDITIONAL/NEW WORK	22	3.78%	\$588,250.22	3.76%
120 DELETION OF WORK	8	1.37%	\$29,453.99	0.19%
	118	20.27%	\$2,712,019.18	17.06%
SCHEDULE CHANGES				
210 DELAY OF WORK (COMPENSABLE)	11	1.89%	\$307,232.00	1.93%
220 ACCELERATION OF WORK	3	0.52%	\$77,101.41	0.49%
230 MILESTONE REVISIONS (NON-COMPENSABLE)	9	1.55%	\$0.00	0.00%
	23	3.95%	\$384,333.41	2.42%
DIFFERING CONDITIONS				
310 DIFFERING SITE CONDITIONS	85	14.60%	\$2,989,223.58	18.80%
320 HAZARDOUS MATERIALS	7	1.20%	\$438,175.88	2.76%
330 SAFETY CONDITIONS	7	1.20%	\$7,947.80	0.05%
	99	17.01%	\$3,435,347.26	21.61%
TERMS AND CONDITIONS				
400 TERMS AND CONDITIONS	1	0.17%	(\$2,000.00)	-0.01%
410 TERMS AND CONDITIONS (OWNER ORIGINATED)	28	4.81%	(\$39,860.00)	-0.25%
430 EDITORIAL CLARIFICATIONS/DOCUMENT MAINTENANCE	12	2.06%	\$174,692.50	1.10%
	41	7.04%	\$132,732.50	0.83%
DESIGN CHANGES				
510 DESIGN CHANGES/ENHANCEMENTS (OWNER ORIGINATED)	51	8.76%	\$1,398,259.72	8.78%
515 DESIGN CHANGES/ENHANCEMENTS (EMC ORIGINATED)	106	18.21%	\$4,595,176.44	28.91%
520 DESIGN CHANGES/ENHANCEMENTS (MTA OPERATIONS ORIGINATED)	28	4.81%	\$1,879,566.43	11.82%
530 CORRECTIONS TO PLANS AND SPECIFICATIONS	60	10.31%	\$536,000.94	3.37%
540 VALUE ENGINEERING CHANGES (CONTRACTOR ORIGINATED)	6	1.03%	(\$580,703.10)	-3.65%
	251	43.13%	\$7,826,300.43	49.23%
MANAGEMENT ISSUES				
610 DISRUPTION/INEFFICIENCY (CLAIMS ONLY)	3	0.52%	\$179,584.76	1.13%
	3	0.52%	\$179,584.76	1.13%
OUTSIDE AGENCY REQUESTS				
710 WORK SCOPE CHANGES (OUTSIDE AGENCY ORIGINATED)	29	4.98%	\$479,921.05	3.02%
720 DESIGN CHANGES (OUTSIDE AGENCY ORIGINATED)	1	0.17%	\$2,700.00	0.02%
730 TERMS AND CONDITIONS (OUTSIDE AGENCY ORIGINATED)	2	0.34%	\$123,787.40	0.78%
	32	5.50%	\$606,408.45	3.81%
EXERCISE OF CONTRACT OPTIONS				
800 EXERCISE OF CONTRACT OPTIONS	9	1.55%	\$426,505.36	2.68%
	9	1.55%	\$426,505.36	2.68%
OTHER				
900 OTHER	6	1.03%	\$193,696.38	1.22%
	6	1.03%	\$193,696.38	1.22%
PROJECT TOTALS:	582	100.00%	\$15,896,927.73	100.00%

R81 - Metro Red Line Seg-2
CONSTRUCTION/PROCUREMENT CONTRACT CHANGES
CHANGE COST LEVEL BREAKDOWN
EXECUTED CHANGES AS OF 07/15/94

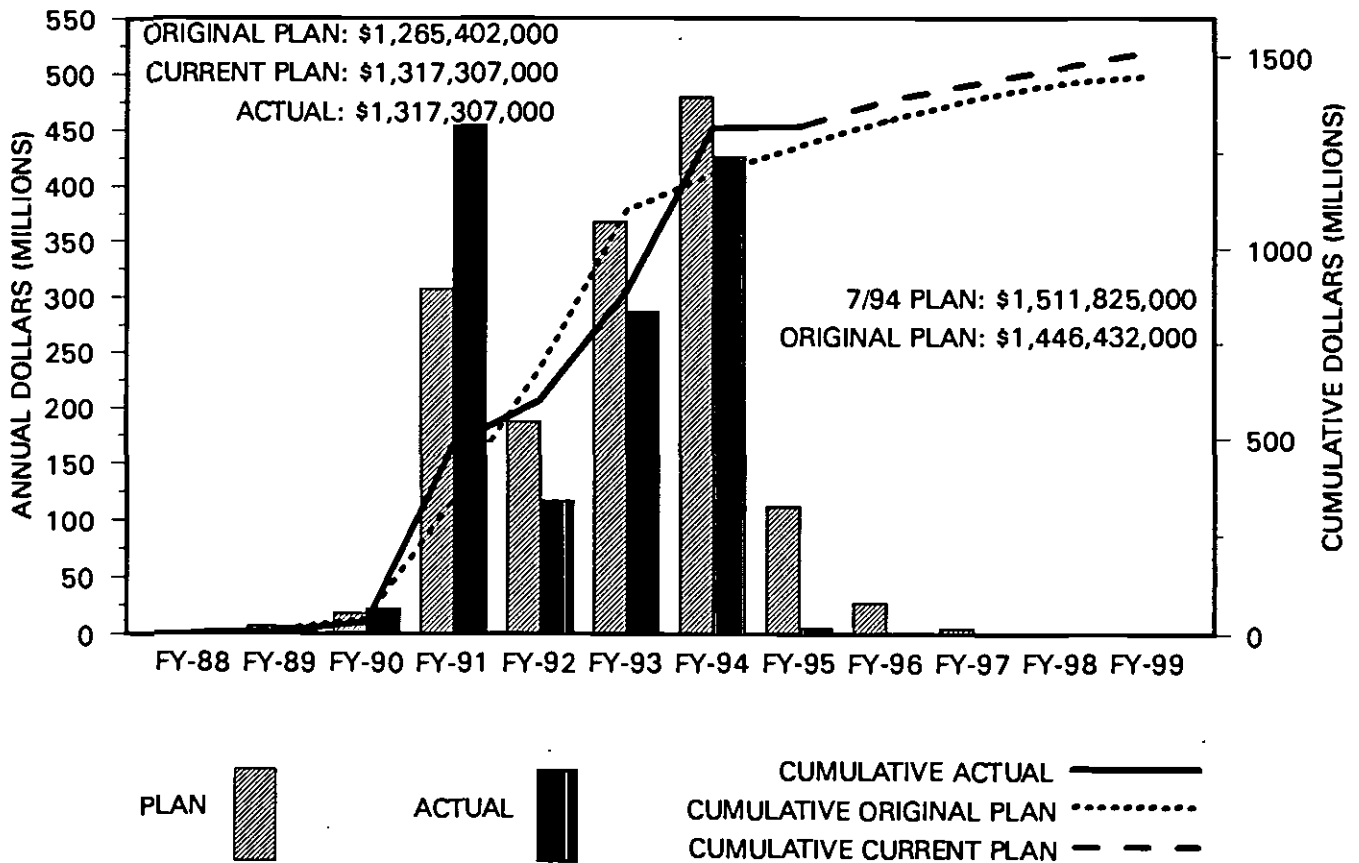
COST RANGE (ABSOLUTE VALUE)	# CN'S	% Total Volume	Change Cost	% Total Change Cost
> 200 - 1 MILLION	12	2.06%	\$4,896,948.62	30.80%
> 100-200	39	6.70%	\$5,335,282.03	33.56%
> 50-100K	32	5.50%	\$1,733,972.59	10.91%
> 25-50K	48	8.25%	\$1,653,203.15	10.40%
10-25K	88	15.12%	\$1,493,256.77	9.39%
0-10K	363	62.37%	\$784,264.57	4.93%
PROJECT TOTALS:	582	100.00%	\$15,896,927.73	100.00%

ANNUAL PROJECT COMMITMENTS (FY '95)

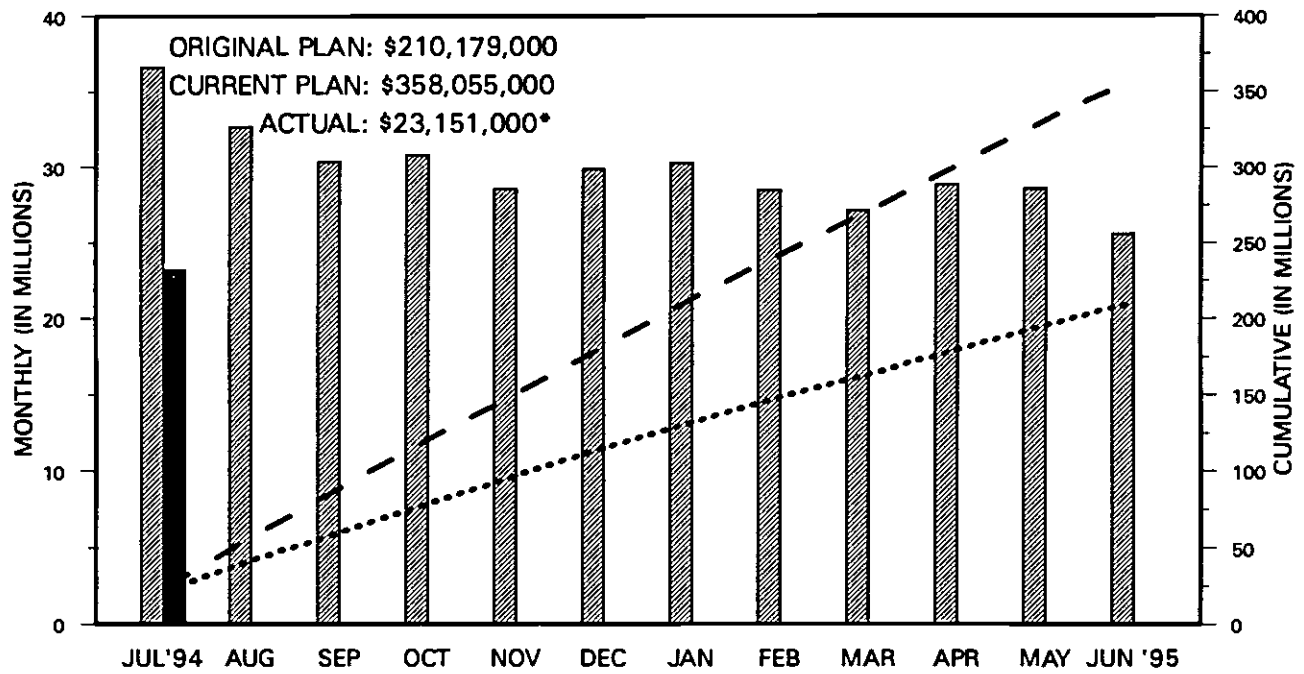


* FIGURE DIFFERENT BY \$1,000 FROM COST BY ELEMENT PAGE DUE TO ROUNDING.

TOTAL PROJECT COMMITMENTS

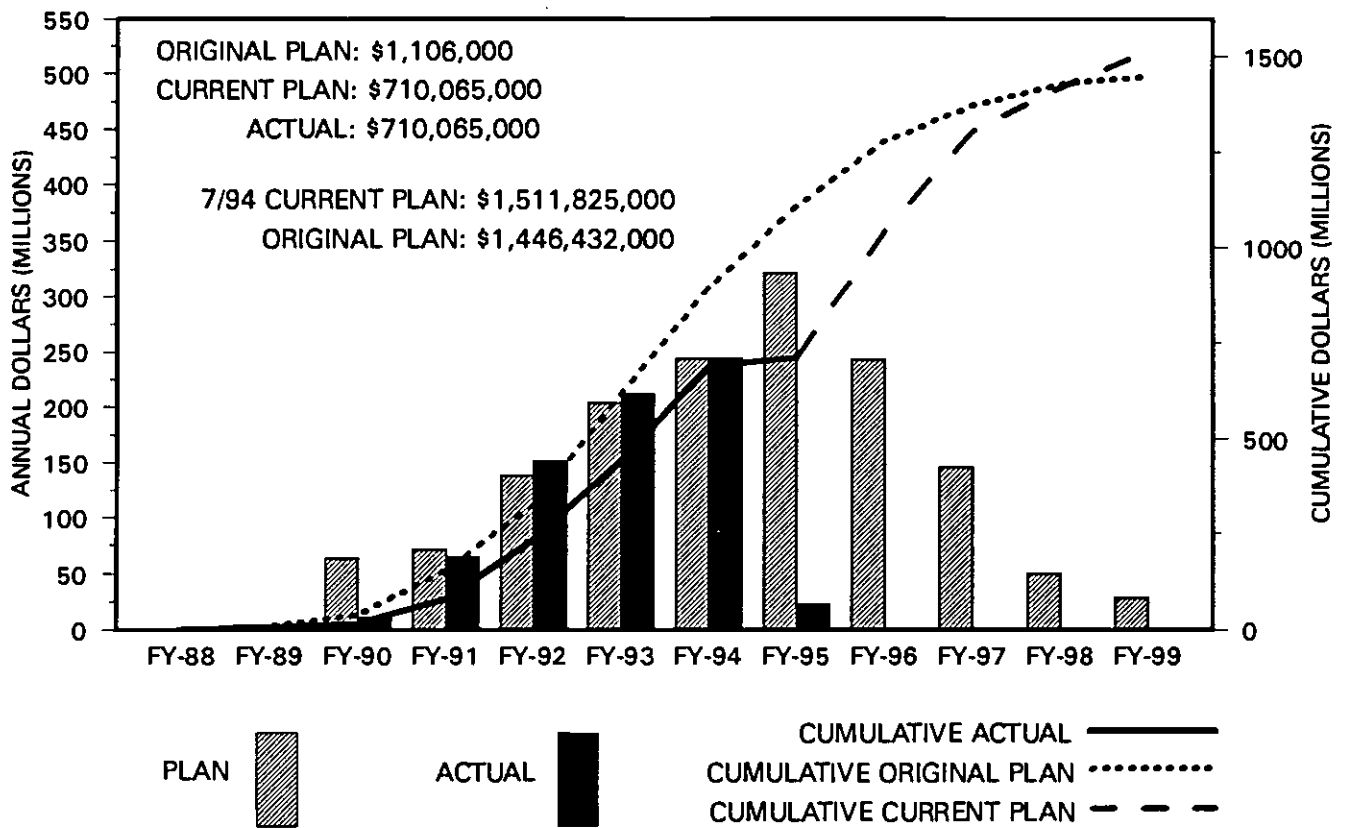


ANNUAL PROJECT CASHFLOW (FY '95)

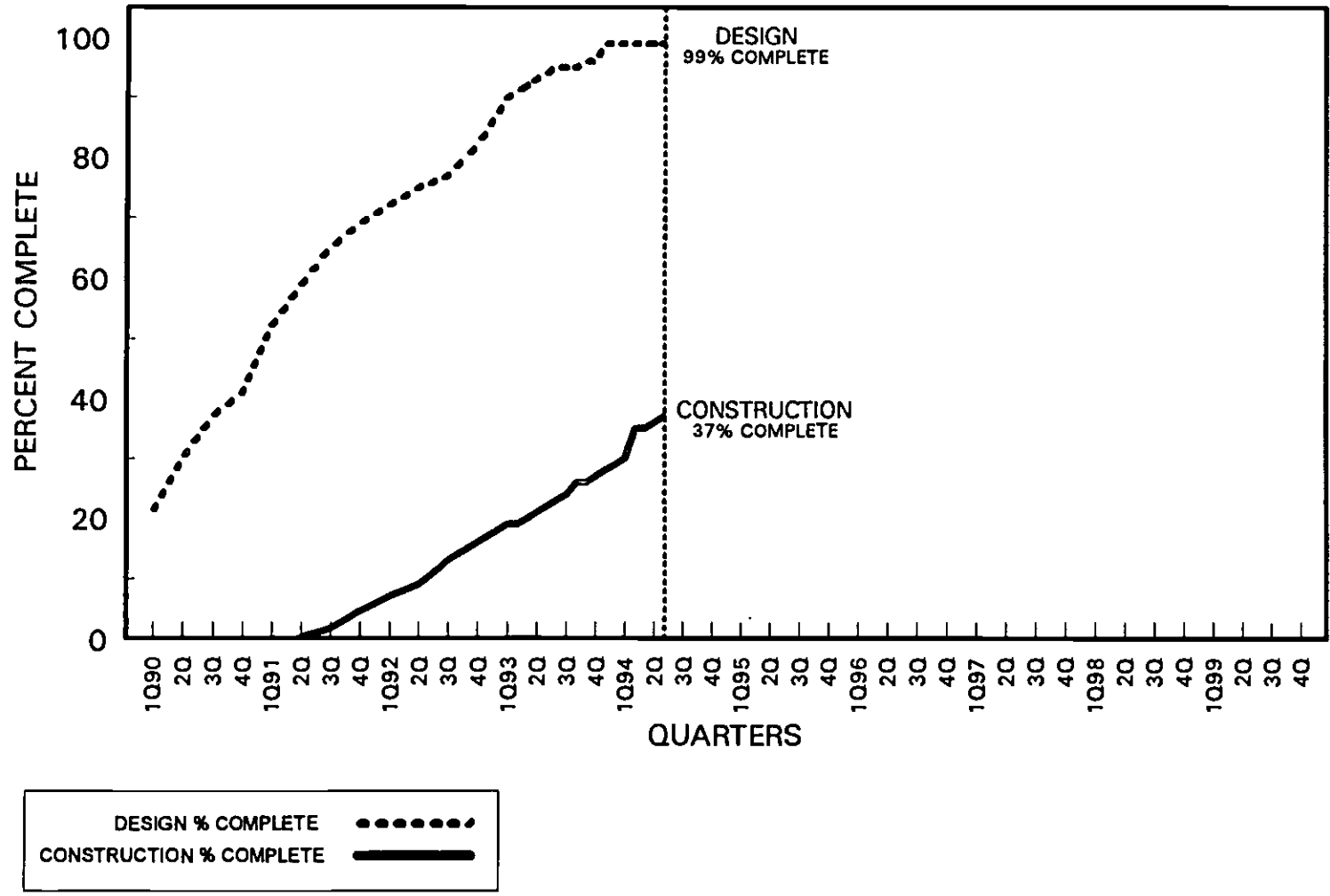


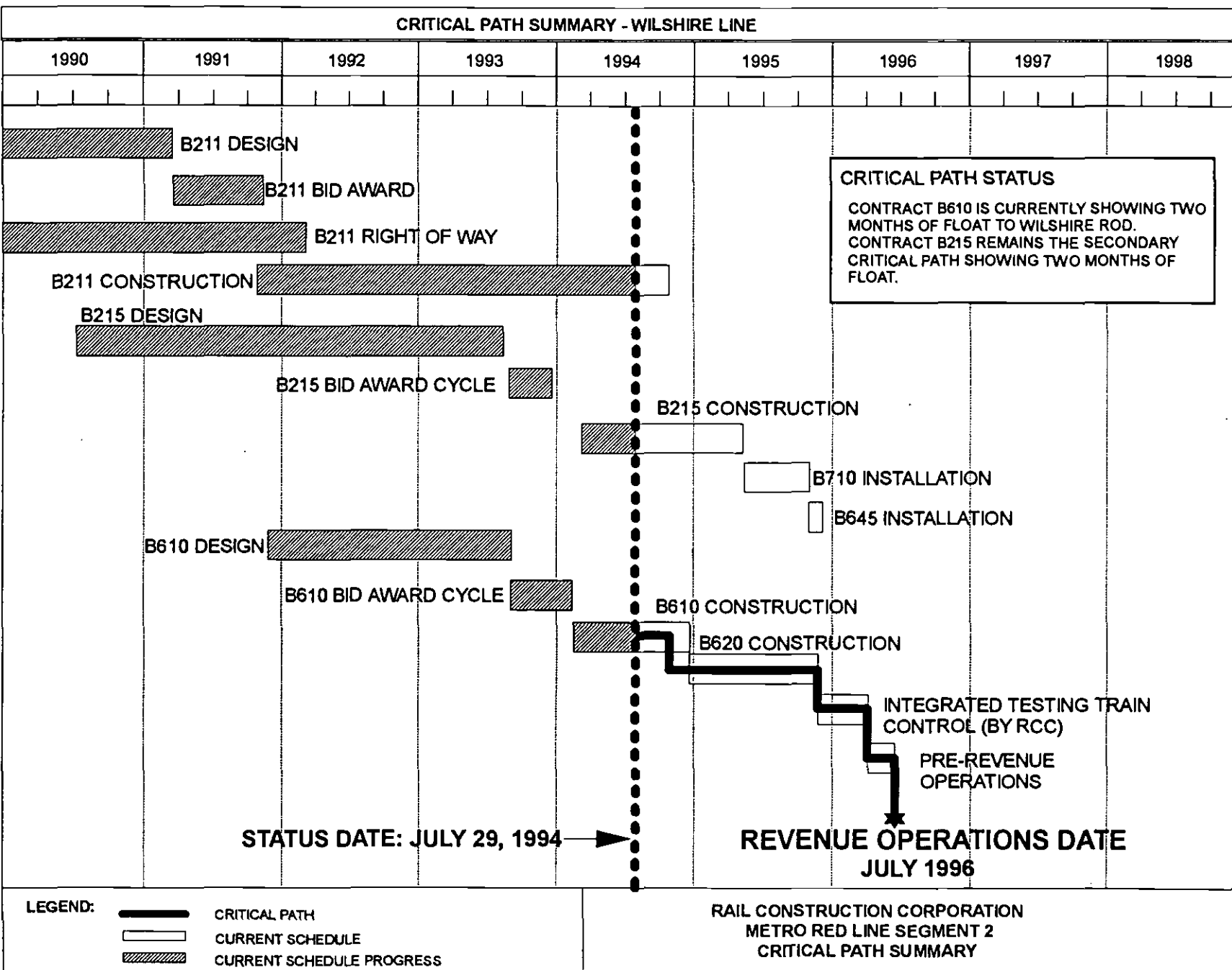
* FIGURE DIFFERENT BY \$1,000 FROM COST BY ELEMENT PAGE DUE TO ROUNDING.

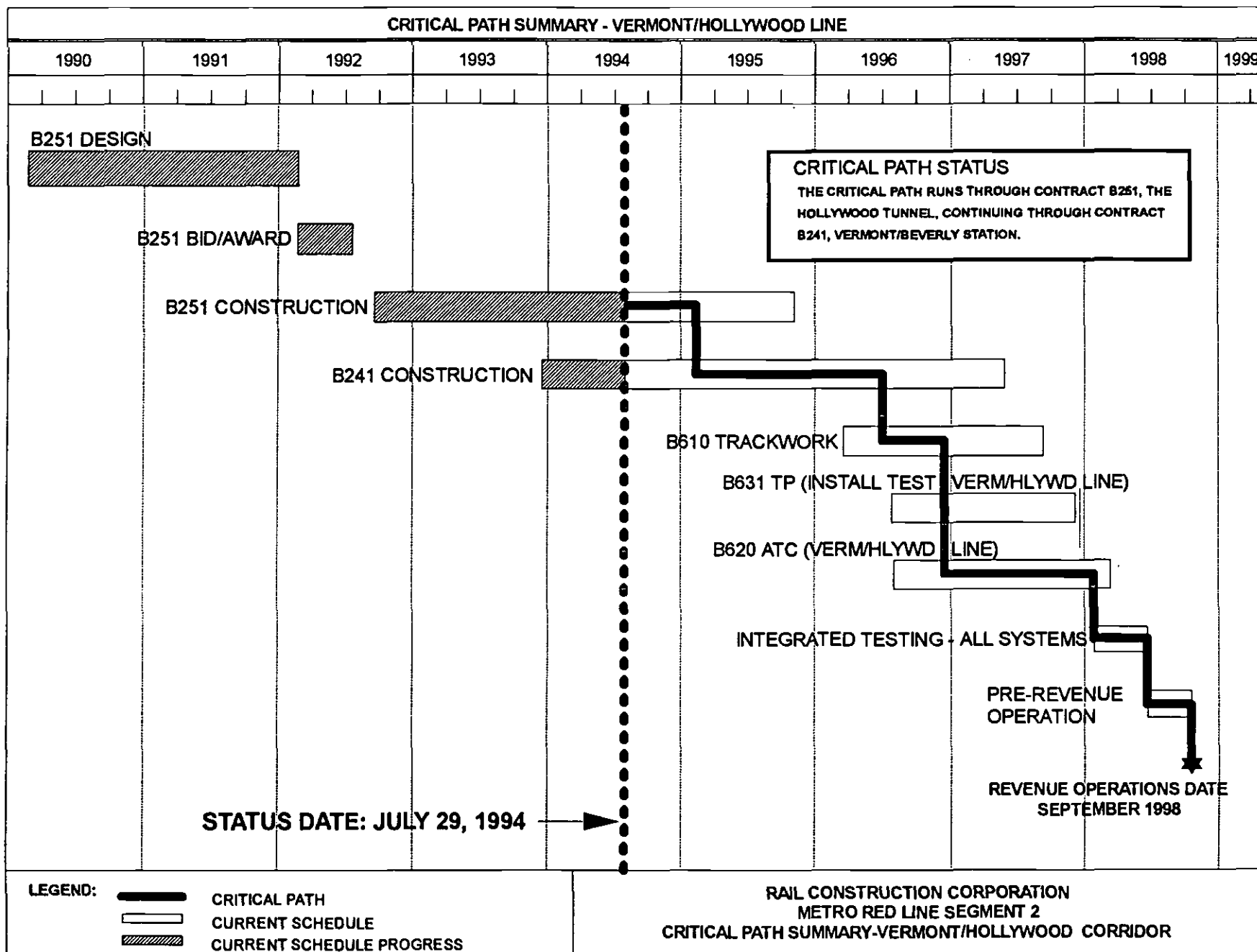
TOTAL PROJECT CASHFLOW



RAIL CONSTRUCTION CORPORATION METRO RED LINE SEGMENT 2 PROGRESS SUMMARY

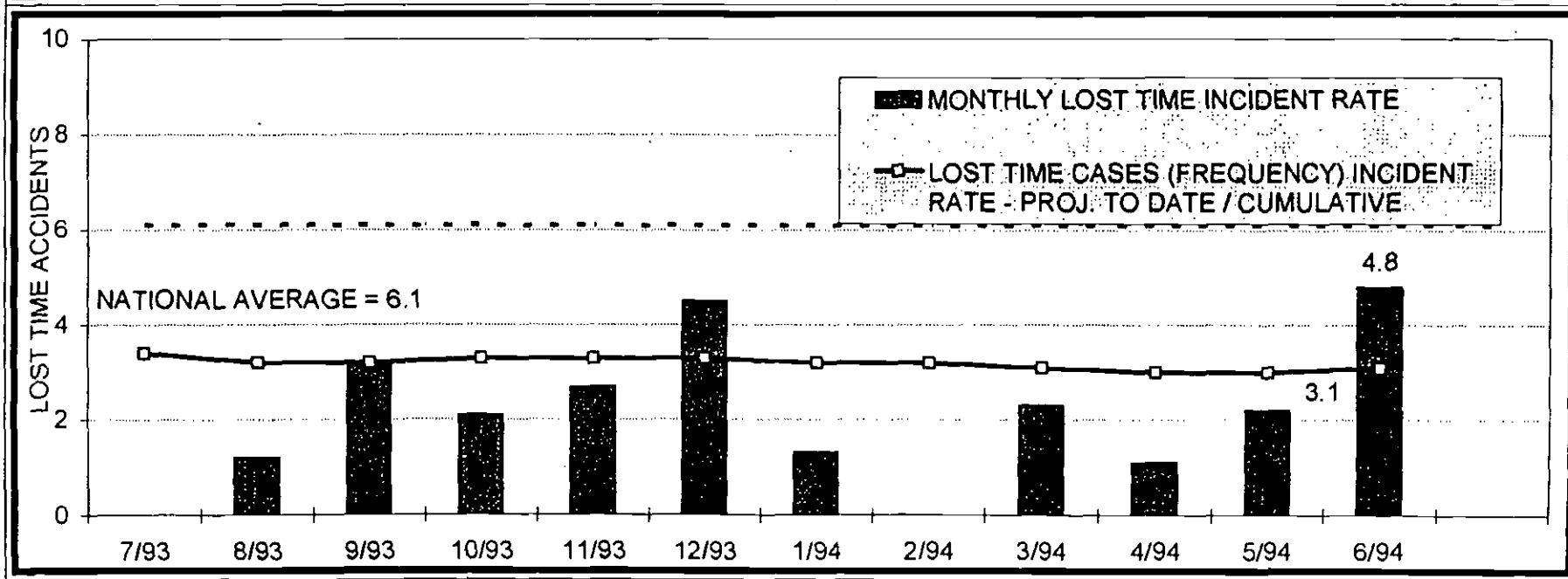
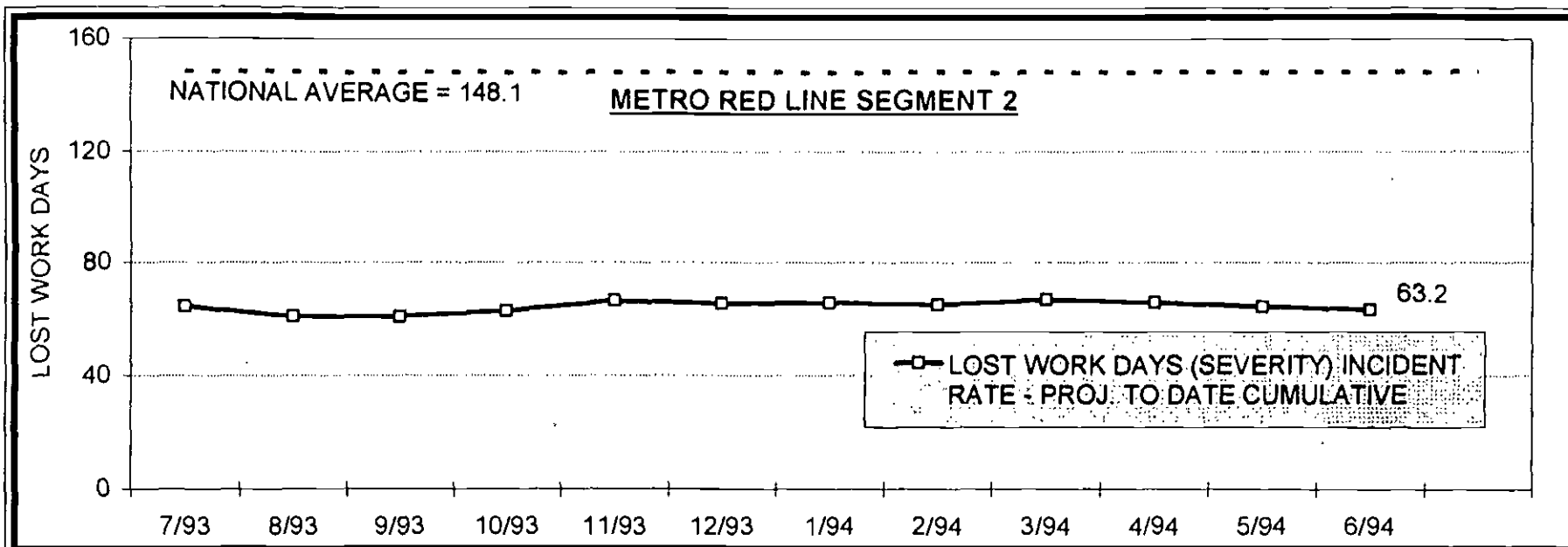






Summary of Lost Time Accidents (FREQUENCY) and Lost Work Days (SEVERITY)

METRO RED LINE SEGMENT 2



NOTE: CHART REFLECTS DATA AS OF JUNE 1994

Prepared by:
MASS TRANSIT GROUP

JULY 1994

INVOICE PROCESSING

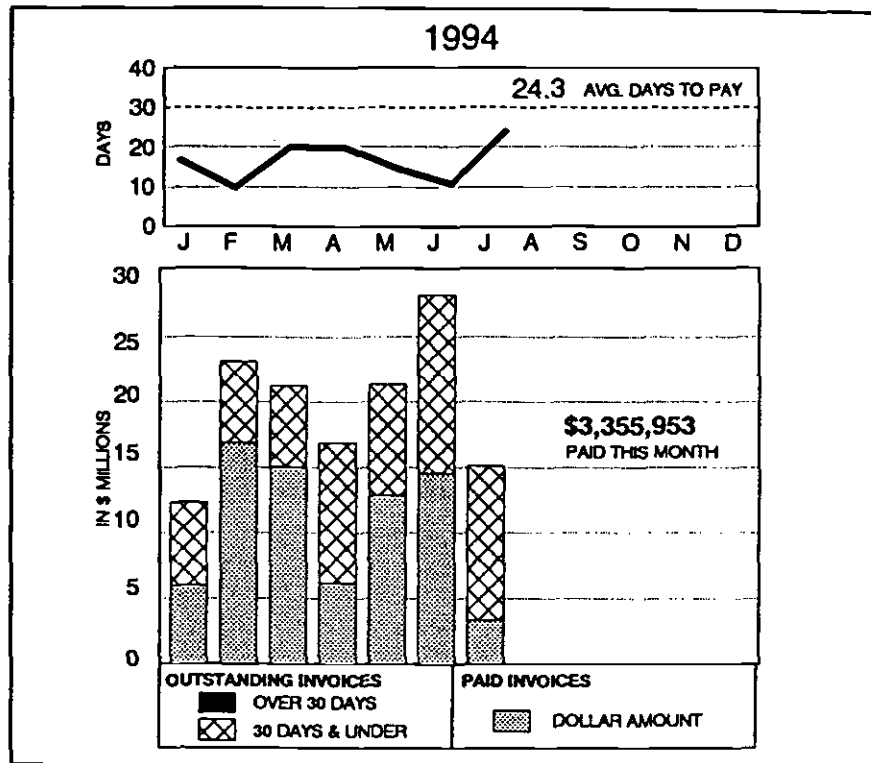
- The average time taken to pay invoices for Construction and Procurement contracts (including Insurance) was 24.3 days.

- 9 invoices were paid for a total value of \$3,355,953.

- There were 22 outstanding Construction or Procurement invoices under 30 days old for \$11,655,695.

- There was 1 outstanding Construction or Procurement invoice over 30 days old for -\$1,103.

Construction/Procurement Invoice Status



Note: The average days to pay is the time from when the Resident Engineer approves a progress payment (invoice) to when Accounting issues a check for this invoice.

OUTSTANDING INVOICES

Month	Construction/Procurement Invoices				Other Invoices			
	30 Days and Under		Over 30 Days		30 Days and Under		Over 30 Days	
	Number of Invoices	Dollar Value	Number of Invoices	Dollar Value	Number of Invoices	Dollar Value	Number of Invoices	Dollar Value
APR 1994	14	10,711,127	0	0	44	7,067,938	15	289,669
MAY 1994	17	8,300,534	0	0	42	6,631,088	18	231,434
JUN 1994	24	13,807,255	1	(1,103)	56	8,058,016	30	294,225
JUL 1994	22	11,655,695	1	(1,103)	40	5,319,981	28	592,329

EXECUTIVE SUMMARY

COST STATUS

North Hollywood Extension	(\$000's)
• Current Budget	\$1,310,822
• Current Forecast	\$1,310,822
Mid City Extension	
• Current Budget	\$490,663
• Current Forecast	\$490,663
East Side Extension	
• Current Budget	\$650,000
• Current Forecast	\$650,000
Total	
• Current Budget	\$2,451,485
• Current Forecast	\$2,451,485

SCHEDULE STATUS

North Hollywood Extension

- Design Status: 72.4%
- Construction Status: 2.4%

Mid City Extension

- Design Status: 27.3%

East Side Extension

- FEIS/FEIR Planning Project: 77.5%
- Preliminary Engineering 97.3%

EXECUTIVE SUMMARY (CON'T)

REAL ESTATE

North Hollywood Extension

VV CCU	NUMBER OF PARCELS	NUMBER CERTIFIED		JUST COMP APPROVED		OFFERS MADE		AGREEMENT SIGNED		CONDEMNATION		PARCELS AVAILABLE		NUMBER OF PARCELS PROJECTED NOT TO BE AVAILABLE BY NEED DATE*
		PLAN	ACT	PLAN	ACT	PLAN	ACT	PLAN	ACT	PLAN	ACT	PLAN	ACT	
B251	16	16	16	15	16	15	16	15	4	12	11	15	16	0
C0301	3	3	3	3	3	3	3	3	1	3	2	0	1	1
C0311	109	109	109	11	11	11	11	3	1	8	8	2	2	8
C0321	25	25	25	8	9	8	9	4	4	1	1	7	7	4
C0331	11	11	11	11	10	11	10	8	3	0	0	4	4	0
C0361	12	12	12	8	8	8	8	8	2	0	0	2	2	6
TOTAL	176	176	176	67	66	67	66	41	15	22	20	30	31	19

- To date, 31 parcels have been acquired. Eleven of these parcels were acquired through negotiated acquisition and the remaining parcels were acquired through condemnation.

AREAS OF CONCERN

ONGOING

Real Estate - North Hollywood Extension

Concern: There are 19 parcels currently being projected in the worst case scenario not to be available by the scheduled "need dates." All parcels showing negative float are expected to be available prior to the Contractor's need date.

Action: Maintaining schedule for meeting Contractor's need dates.

Status: There is a high probability that all parcels will be acquired by the dates they are needed for construction.

AREAS OF CONCERN (CON'T)**Contract C0322 Universal City Station - MCA Entrance**

Concern: The addition of a pedestrian tunnel under Lankershim Boulevard and portals on the east side of the Boulevard (on MCA, Inc. property) would impact the cost forecast, the follow-on systems controls contracts and Contract C0326.

Action: Proceed with design activities to determine the detail scope, utility relocation, systemwide and real estate requirements.

Status: The RCC and MCA, Inc. are in the process of developing a design schedule.

Contract C0311, Line Section from Universal City to Station 630+00 - North Hollywood Extension

Concern: In response to environmental issues surrounding the Mid-line ventilation structure, RCC directed EMC to defer the design and construction of the Vent Shaft.

Action: The ventilation shaft and related ventilation structures have been deleted from the contract.

Status: The Contract C0311 has been designed to function without the ventilation shaft with minimal impact to operations.

Additional Contracts for the Universal City Area - North Hollywood Extension

Concern: The MTA/MCA agreement demonstrated the need for additional contracts at Universal City on a limited site with busy roadways.

Action: Identify scheduling/interfaces for various contractors and apportion use of the properties as staging areas for the different contractors.

Status: ICC/EMC/P-D are jointly identifying potential solutions to discuss with CalTrans, the City and MTA.

AREAS OF CONCERN (CON'T)**Contract C0326, Universal City Roadways Design - North Hollywood Extension**

- Concern:** The Memorandum of Understanding between the LACMTA and MCA, Inc. on the Universal City Station location expanded the scope of design and construction to include additional roadway improvements for traffic mitigation. These improvements may impact the schedules for all Universal City contracts.
- Action:** Incorporate the additional elements into the Caltrans Project Status Report (PSR) process, and modify graphical roadway layouts to reflect the MTA/MCA agreements. Identify additional real estate parcels required, including the modification to the existing facilities.
- Status:** Proceeding with the PSR process and coordinating roadway layouts with City agencies per the MTA/MCA agreement. Staff are continuing the development of roadways and a freeway overcrossing, meeting with Caltrans, and the LADOT/BOE to assure coordination of efforts.

Completion of FTA and Agency Review Period - East Side Extension

- Concern:** Additional review time has been required for FTA and involved public agencies to complete their review of the FEIS. This affects the original schedule for obtaining the Record of Decision and executing an amendment to the Full Funding Grant Agreement.
- Action:** MTA staff and consultants have maintained ongoing communication and coordination with FTA to finalize the review process. The MTA Board certified the FEIR in June as originally scheduled.
- Status:** The MTA will continue to work with the FTA to obtain comments and agency signatures necessary for the FEIS. Once this review period is completed, the ROD can be issued and the amendment to the FFGA can be executed.

FTA PROJECT MANAGEMENT OVERSIGHT CONSULTANT ITEMS FOR RCC ACTION

The following items reflect action requirements identified in the June Monthly Project Report submitted to FTA by their Project Management Oversight Consultant, Hill International.

NEW

NONE

ONGOING

February 1994, Consultant Operating Procedures

Concern: PB/DMJM has not produced the procedures needed for efficient execution of assignments.

Action: The RCC prioritized the list of outstanding procedures with due dates and will monitor the processing of the remaining procedures.

Status: To date PB/DMJM has released 71 of the 187 procedures. An additional 87 procedures are in the final approval stage and a review meeting has been scheduled for the constructability procedure.

RESOLVED

January 1994, Monthly Project Report

Concern: The monthly progress report did not conform to the standard format and did not include the required information.

Action: The Area team responsible for the data met with Hill International and discussed the format and content of the report.

Status: **CLOSED.** The May report contained the required data in a consistent format. Future reports are expected to conform to the standards established in the meeting with Hill International.

KEY ACTIVITIES - JULY**North Hollywood Extension**Design

- The Bid Opening for Contract C0301, Hollywood/Highland Station and tunnel finishes took place on July 13, 1994.
- The Camera Ready submittal for Contract C0311, Line Section from Station 630+00 to Universal City, was made on July 25, 1994.
- The Bid Opening for Contract C0328, Building Demolition and Site Clearing at Universal City Phase 1, took place on July 14, 1994.
- The Contract C0329, Demolition and Site Clearing (Phase 2) has been re-scoped to include only those properties required to support construction of the station (C0321). A new contract -- C0327 -- has been established, comprising demolition and site clearing of all remaining property necessary to support the Roadways and Site Restoration (Contract C0326).
- Resolution of In-Progress review comments for Contract C0352, North Hollywood Site work, is substantially complete. The Prefinal Design submittal remains on hold.
- The Final Design submittal for Contract C0358, Building Demolition and Site Clearing at North Hollywood Station took place on July 8, 1994.

Construction

- Contract C0331, North Hollywood Tunnel, completed level A excavation and deck installation on the crossover. Mid-ventilation utilities relocation, excluding the telephone line, were finished on the east side of Lankershim Blvd.

KEY ACTIVITIES - PLANNED FOR AUGUSTDesign/Construction

- Contract C0311, Line Section from Station 613+00 to Universal City will be advertised on August 1, and Addendum No. 1 is scheduled for completion on August 22, 1994.
- The In-Progress submittal for Contract C0321, Universal City Station complete with Crossover, scheduled for August 15, 1994, is not expected to be ready on time. A recovery program is being prepared with the aim of maintaining the Camera Ready date of February 15, 1995.
- The scope of Contract C0326, Universal City Roadways, Site Restoration and Landscaping were redefined, including modifications agreed to by MCA Inc. The concept developed for Preliminary Engineering, is now scheduled to commence on August 1, 1994, with completion by October 17, 1994.
- The Final submittal for Contract C0351, North Hollywood Station with Crossover and Tail Track complete, has been postponed to August 22, 1994, to allow for relocation of the emergency exits and blast relief shafts at the request of the City.
- The Camera Ready submittal for Contract C0358, Building Demolition and Site Clearing at North Hollywood Station is scheduled for August 8, 1994.

Construction

- C0331, North Hollywood Extension, the Contractor continues set-up and casting of forms, installation of geotechnical instrumentation, crossover level B and C, and soldier pile installation.

KEY ACTIVITIES - JULY

East Side Extension

- The master schedule showing the necessary steps to complete the Community Linkages Program was revised.
- Attended Planning and Programming Committee and full MTA Board meetings for certification of the East Side Corridor Final Environmental Impact Report. Prepared and filed with State and County the Notice of Determination.
- Prepared revised and detailed funding options showing sources of FTA/State local funding for Eastern Extension.
- Continued to work with Barrio Planners to develop how best to reroute existing transit lines to better interface with rail stations.
- Submitted Economic Draft Development Report to the MTA for comment. The Report is divided into two sections: an overview of the total alignment, and an economic analysis for each proposed station.
- Continued to develop a directory of East Los Angeles and Little Tokyo job training facilities, education centers and community organizations.
- Completion and layout of concept plan base maps at 1 inch equals 40 feet for six station areas.
- Completion of draft text for Urban Design Analysis.
- Completed a draft of the Cultural Needs Assessment Report.

KEY ACTIVITIES - PLANNED FOR AUGUST

East Side Extension

- The consultant team will continue to respond to any comments received from the FTA and incorporate all changes into the FEIS for FTA signature. It is anticipated that this will be completed before the end of August and the MTA will receive the ROD and execution of the amendment to the FFGA.
- The second set of Station Area Advisory Committee (SAAC) meetings will be held during the month of August. Three separate SAAC meetings will be held to focus the station area planning process on the Little Tokyo, Boyle Heights and East Los Angeles station areas. These meetings will focus on the construction impacts and transit enhancements surrounding each of the seven stations.
- Section reports for the Community Linkages task will be completed and submitted to MTA for review.

**RAIL CONSTRUCTION CORPORATION
PROJECT COST REPORT
COST BY ELEMENT
WITH NEW REQUIREMENTS**

Project: R82 METRO RED LINE - SEGMENT 3 - NORTH HOLLYWOOD

Period: Jul 1, 1994 to Jul 29, 1994
Run Date: Aug 10, 1994
Units: \$ in Thousands (Truncated)

ELEMENT / DESCRIPTION	ORIGINAL BUDGET	CURRENT BUDGET		COMMITMENTS		INCURRED		EXPENDITURES		CURRENT FORECAST		FORECAST VARIANCE
		Period	To Date	Period	To Date	Period	To Date	Period	To Date	Period	To Date	
TOTAL PROJECT												
T CONSTRUCTION	890,729	-123,882	766,847	1,997	228,216	378	18,765	2,476	17,249	-3,839	772,764	5,917
S PROFESSIONAL SERVICES	254,747	24,378	279,125	770	95,046	2,760	42,570	2,760	42,570	-130	267,294	-11,830
R REAL ESTATE	84,534	1,110	85,644	114	21,287	114	21,287	114	21,287	286	85,842	198
F UTILITY/AGENCY FORCE ACCOUNTS	13,237	5,474	18,711	1,656	6,683	61	628	61	628	230	18,941	230
C PROJECT CONTINGENCY	67,575	92,920	160,495	0	0	0	0	0	0	3,453	165,979	5,484
A PROJECT REVENUE	0	0	0	0	0	0	0	-6	-42	0	0	0
TOTAL PROJECT	1,310,822	0	1,310,822	4,539	351,233	3,315	83,251	5,406	81,693	0	1,310,822	0
NEW REQUIREMENTS												
T CONSTRUCTION	0	1,771	1,771	55	83	4	23	0	0	26	1,850	79
S PROFESSIONAL SERVICES	0	1,013	1,013	-324	0	-324	0	-324	0	0	742	-270
C PROJECT CONTINGENCY	0	55	55	0	0	0	0	0	0	0	0	-55
TOTAL NEW REQUIREMENTS	0	2,839	2,839	-269	83	-319	23	-324	0	26	2,592	-246
GRAND TOTAL	1,310,822	2,839	1,313,661	4,271	351,316	2,995	83,275	5,082	81,693	26	1,313,414	-246

**RAIL CONSTRUCTION CORPORATION
PROJECT COST REPORT
COST BY ELEMENT**

Project: R83 METRO RED LINE - SEGMENT 3 - MID CITY

Period: Jul 1, 1994 to Jul 29, 1994
Run Date: Aug 5, 1994
Units: \$ in Thousands (Truncated)

ELEMENT / DESCRIPTION	ORIGINAL BUDGET	CURRENT BUDGET		COMMITMENTS		INCURRED		EXPENDITURES		CURRENT FORECAST		FORECAST VARIANCE
		Period	To Date	Period	To Date	Period	To Date	Period	To Date	Period	To Date	
T CONSTRUCTION	334,139	0	334,139	56	43,335	8	397	0	186	0	329,211	-4,927
S PROFESSIONAL SERVICES	98,133	0	98,133	2,613	42,040	491	7,543	491	7,547	1,449	102,980	4,847
R REAL ESTATE	53,303	0	53,303	0	128	0	128	0	128	0	48,543	-4,760
F UTILITY/AGENCY FORCE ACCOUNTS	5,088	0	5,088	0	833	9	139	9	139	0	5,088	0
C PROJECT CONTINGENCY	0	0	0	0	0	0	0	0	0	1,449	4,841	4,841
GRAND TOTAL	490,663	0	490,663	2,669	86,357	509	8,208	500	8,001	0	490,663	0

**METRO RED LINE SEGMENT 3
PROJECT COST REPORT
COST BY ELEMENT**

PROJECT : METRO RED LINE SEG 3 - EAST SIDE EXTENSION

STATUS PERIOD : 27-May-94 TO 01-Jul-94
STATUS DATE : 01-Jul-94
UNITS : DOLLARS IN THOUSANDS

ELEMENT	DESCRIPTION	ORIGINAL BUDGET (1)	CURRENT BUDGET		COMMITMENTS		INCURRED COST		EXPENDITURES		CURRENT FORECAST		VARIANCE (11-3) (12)
			PERIOD (2)	TO DATE (3)	PERIOD (4)	TO DATE (5)	PERIOD (6)	TO DATE (7)	PERIOD (8)	TO DATE (9)	PERIOD (10)	TO DATE (11)	
T	CONSTRUCTION	0	0	0	0	3,978	0	3	0	3	0	0	0
S	PROFESIONAL SERVICES	11,998	0	11,998	69	10,956	779	7,173	779	7,173	0	10,537	(1,481)
R	REAL ESTATE	0	0	0	0	0	0	0	0	0	0	0	0
F	3RD PARTY	2	0	2	0	2	0	2	0	2	0	2	1
C	CONTINGENCY	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL		12,000	0	12,000	69	14,934	779	7,178	779	7,178	0	10,539	(1,461)

RAIL CONSTRUCTION CORPORATION
METRO RAIL RED LINE NORTH HOLLYWOOD PROJECT
(IN THOUSANDS OF DOLLARS)

STATUS OF FUNDS BY SOURCE

SOURCE	TOTAL FUNDS ANTICIPATED	TOTAL FUNDS AVAILABLE	COMMITMENTS		EXPENDITURES		BILLED TO SOURCE	
			\$	%	\$	%	\$	%
FTA-SECTION 3	\$681,037	\$31,541	\$301,164	44%	\$31,541	5%	\$26,730	4%
ISTEA FED SURFACE TRANSIT PROG	\$25,000	\$19,908	\$19,908	80%	\$19,908	80%	\$19,908	80%
SB 1995 TRUST FUND	\$53,000	\$53,000	\$27,035	51%	\$27,035	51%	\$27,035	51%
STATE ARTICLE XIX	\$20,855			0%		0%		0%
STATE PROP 108	\$95,000			0%		0%		0%
STATE TCI	\$75,000			0%		0%		0%
PROP C	\$343,830	\$20,740	\$3,209	1%	\$3,209	1%	\$3,209	1%
BENEFIT ASSESS. DISTRICT	\$17,100			0%		0%		0%
TOTAL	\$1,310,822	\$125,189	\$351,316	27%	\$81,693	6%	\$76,882	6%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH JUNE 1994.

RAIL CONSTRUCTION CORPORATION
METRO RAIL RED LINE MID CITY PROJECT
(IN THOUSANDS OF DOLLARS)

JULY 94

STATUS OF FUNDS BY SOURCE

SOURCE	TOTAL FUNDS ANTICIPATED	TOTAL FUNDS AVAILABLE	COMMITMENTS		EXPENDITURES		BILLED TO SOURCE	
			\$	%	\$	%	\$	%
FTA-SECTION 3	\$242,563	\$8,159	\$84,170	35%	\$5,814	2%	\$5,514	2%
ISTEA - FED SURFACE TRANSIT PROG	\$55,400	\$1,418	\$1,418	3%	\$1,418	3%	\$1,418	3%
STATE ARTICLE 116	\$72,300			0%		0%		0%
FLEXIBLE CONGESTION RELIEF	\$26,000			0%		0%		0%
PROP C	\$94,400	\$769	\$769	1%	\$769	1%	\$769	1%
TOTAL	\$490,663	\$10,346	\$86,357	18%	\$8,001	2%	\$7,701	2%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH JUNE 1994.

RAIL CONSTRUCTION CORPORATION
 METRO RAIL RED LINE EAST SIDE EXTENSION PROJECT
 PRELIMINARY ENGINEERING
 (IN THOUSANDS OF DOLLARS)

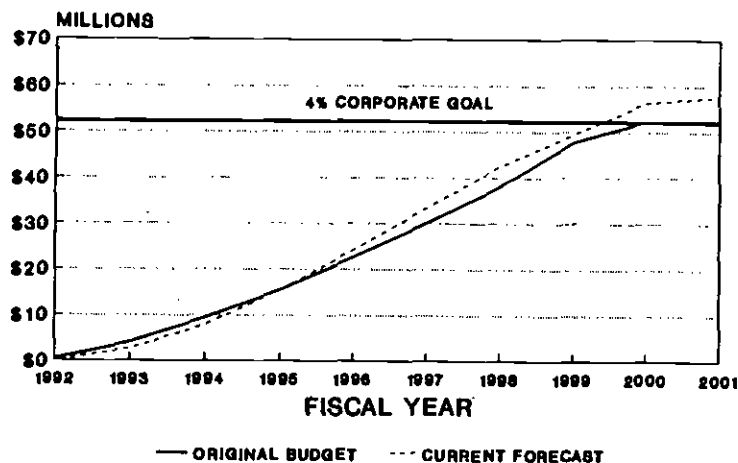
JULY 94

STATUS OF FUNDS BY SOURCE

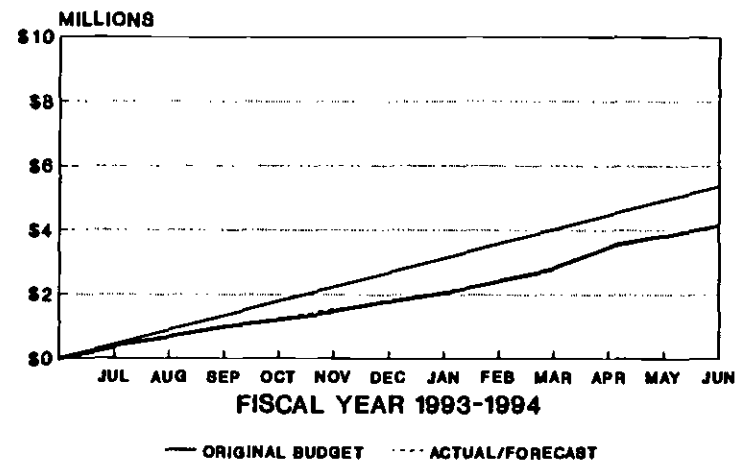
SOURCE	TOTAL FUNDS ANTICIPATED	TOTAL FUNDS AVAILABLE	COMMITMENTS		EXPENDITURES		BILLED TO SOURCE	
			\$	%	\$	%	\$	%
FTA-SECTION 3	\$19,850	\$19,850	\$14,324	72%	\$6,885	35%	\$5,385	27%
PROP A	\$18,150	\$18,150	\$610	3%	\$293	2%	\$293	2%
TOTAL	\$38,000	\$38,000	\$14,934	39%	\$7,178	19%	\$5,678	15%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH JUNE 1994.

AGENCY COSTS **RED LINE NORTH HOLLYWOOD**



FISCAL YEAR 1994 AGENCY COSTS **RED LINE NORTH HOLLYWOOD**



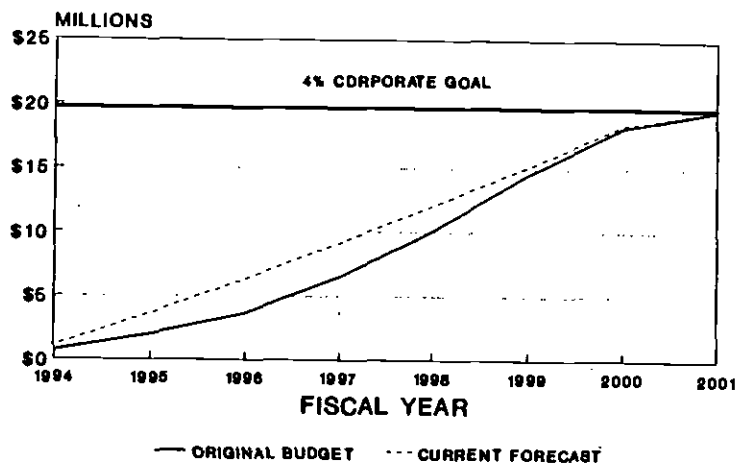
PROJECT AGENCY COSTS **RED LINE NORTH HOLLYWOOD (\$000)**

TOTAL PROJECT BUDGET	\$ 1,310,825
ORIGINAL BUDGET	\$ 52,472
BUDGET % OF TOTAL PROJECT	4.0%
CURRENT FORECAST	\$ 57,676
FORECAST % OF TOTAL PROJECT	4.4%
ACTUAL THROUGH FY 93	\$ 2,723

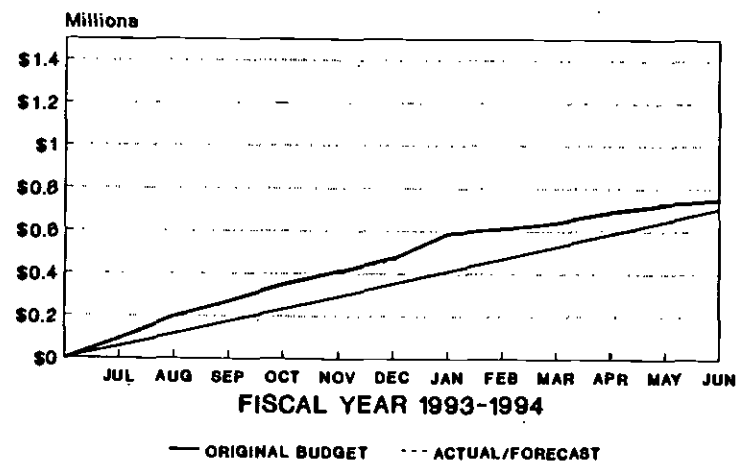
FISCAL YEAR 1994 AGENCY COSTS **RED LINE NORTH HOLLYWOOD (\$000)**

ORIGINAL BUDGET	\$5,380
CURRENT FORECAST	\$ 4,168
PLAN BUDGET TO DATE	\$ 5,380
ACTUAL TO DATE	\$ 4,168

AGENCY COSTS RED LINE MID CITY



FISCAL YEAR 1994 AGENCY COSTS RED LINE MID CITY



PROJECT AGENCY COSTS RED LINE MID CITY (\$000)

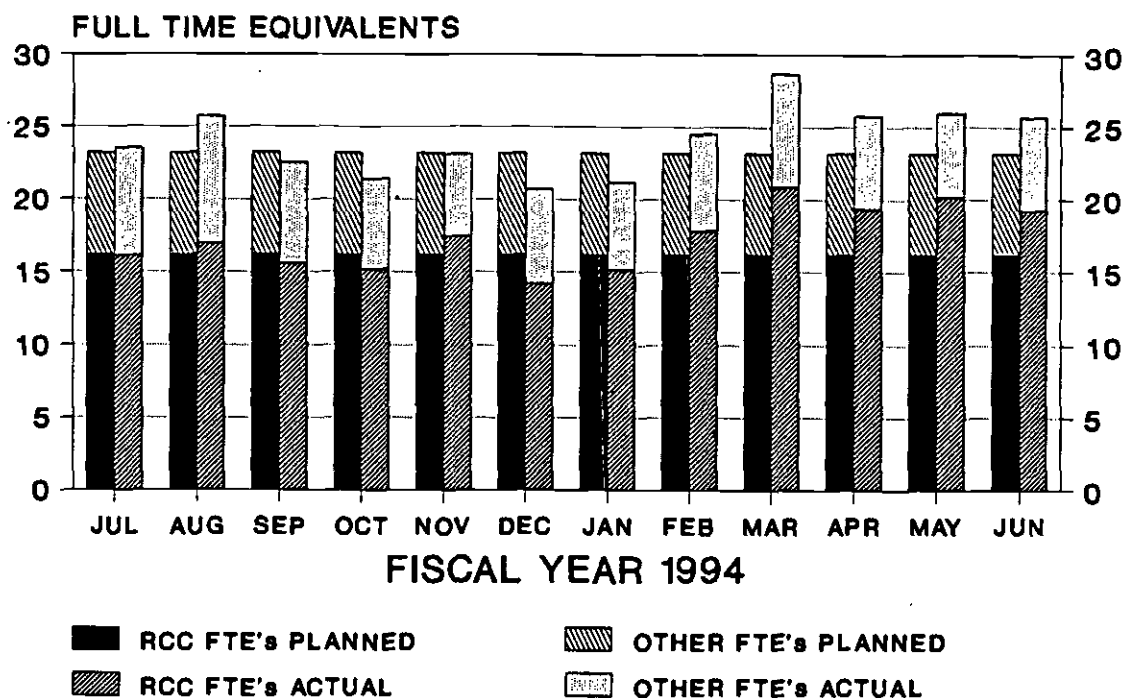
TOTAL PROJECT BUDGET	\$ 490,663
ORIGINAL BUDGET	\$ 19,627
BUDGET % OF TOTAL PROJECT	4.0%
CURRENT FORECAST	\$ 19,627
FORECAST % OF TOTAL PROJECT	4.0%
ACTUAL THROUGH FY 93	\$ 0

FISCAL YEAR 1994 AGENCY COSTS RED LINE MID CITY (\$000)

ORIGINAL BUDGET	\$ 706
CURRENT FORECAST	\$ 740
BUDGET PLAN TO DATE	\$ 706
ACTUAL TO DATE	\$ 740

STAFFING PLAN VS. ACTUAL

RED LINE NORTH HOLLYWOOD



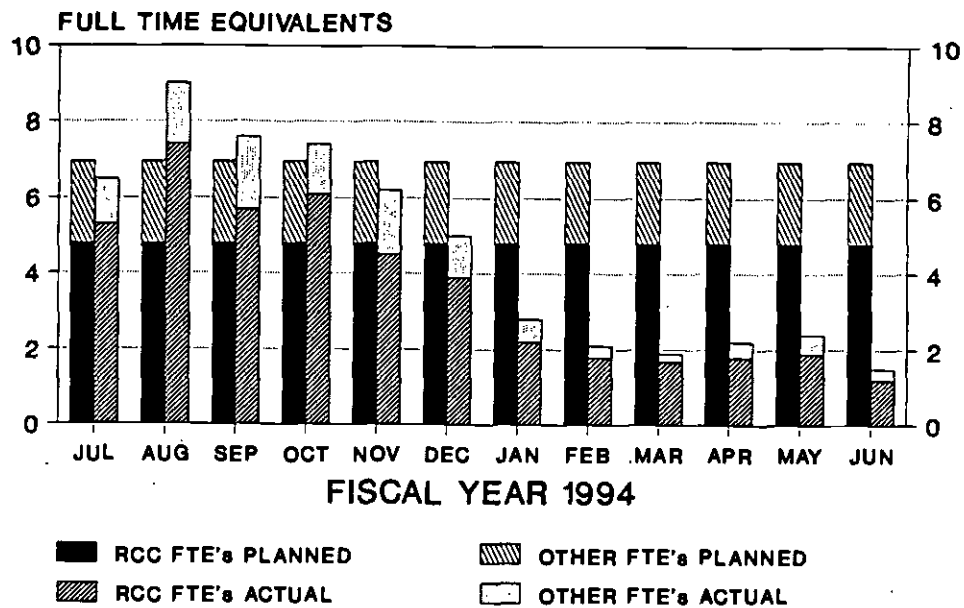
FY'94 Budget

RED LINE (NTH HOLLY.) STAFFING PLAN

FISCAL YEAR 1994

RCC FTE's PLANNED	16
RCC FTE's ACTUAL	19
OTHER FTE's PLANNED	7
OTHER FTE's ACTUAL	6
TOTAL FTE's PLANNED	23
TOTAL FTE's ACTUAL	25

STAFFING PLAN VS. ACTUAL RED LINE MID CITY

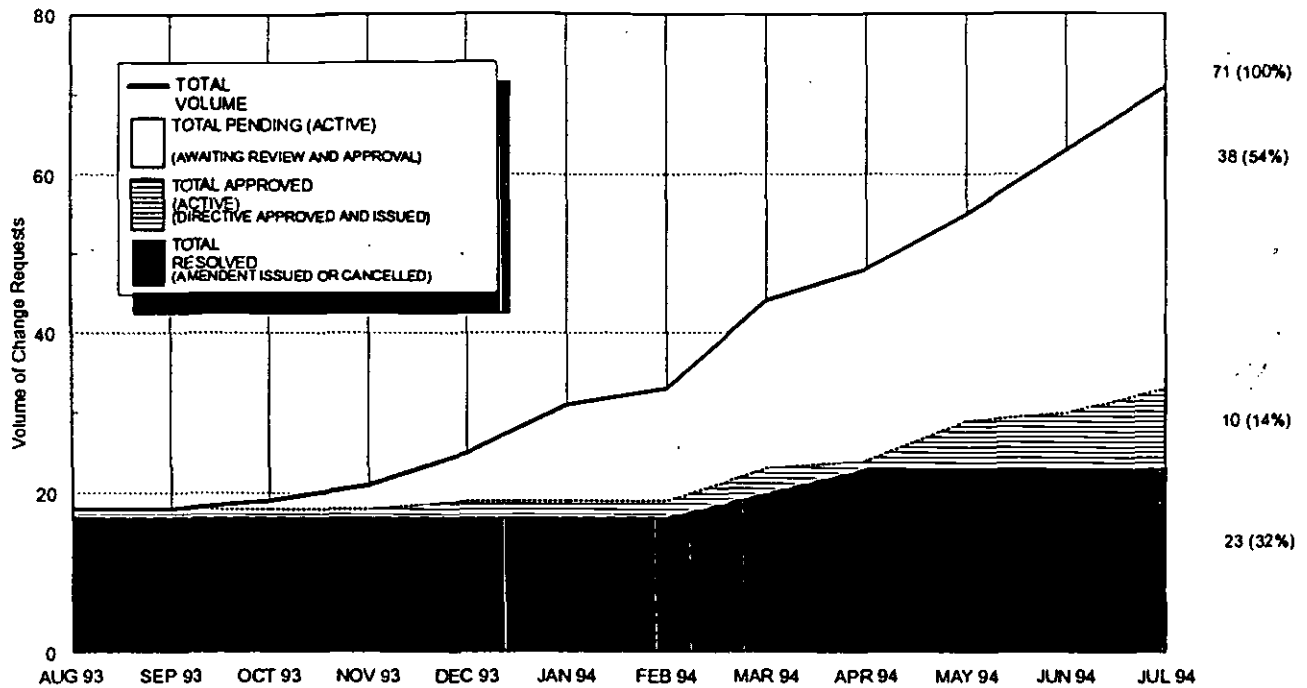


FY'94 Budget

RED LINE (MID CITY) STAFFING PLAN FISCAL YEAR 1994

RCC FTE's PLANNED	5
RCC FTE's ACTUAL	1
OTHER FTE's PLANNED	2
OTHER FTE's ACTUAL	1
TOTAL FTE's PLANNED	7
TOTAL FTE's ACTUAL	2

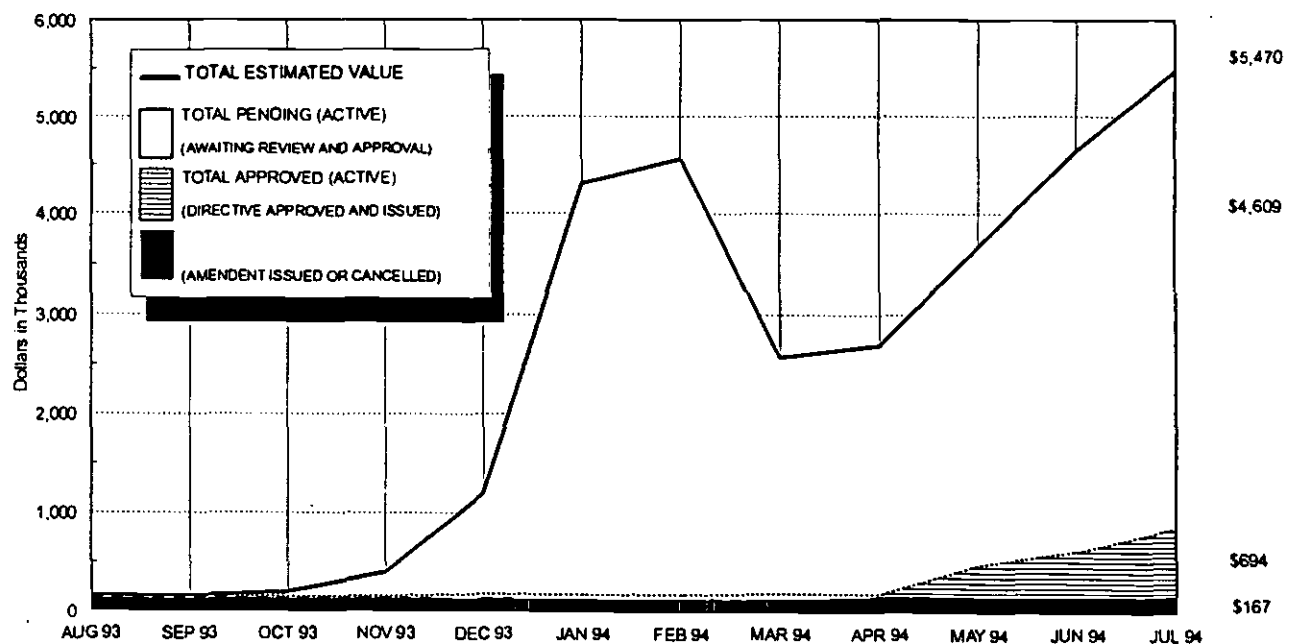
CONSULTANT CONTRACT CHANGE SUMMARY
RED LINE SEG-3 N. HOLLYWOOD CONSULTANT CHANGE REQUEST VOLUME



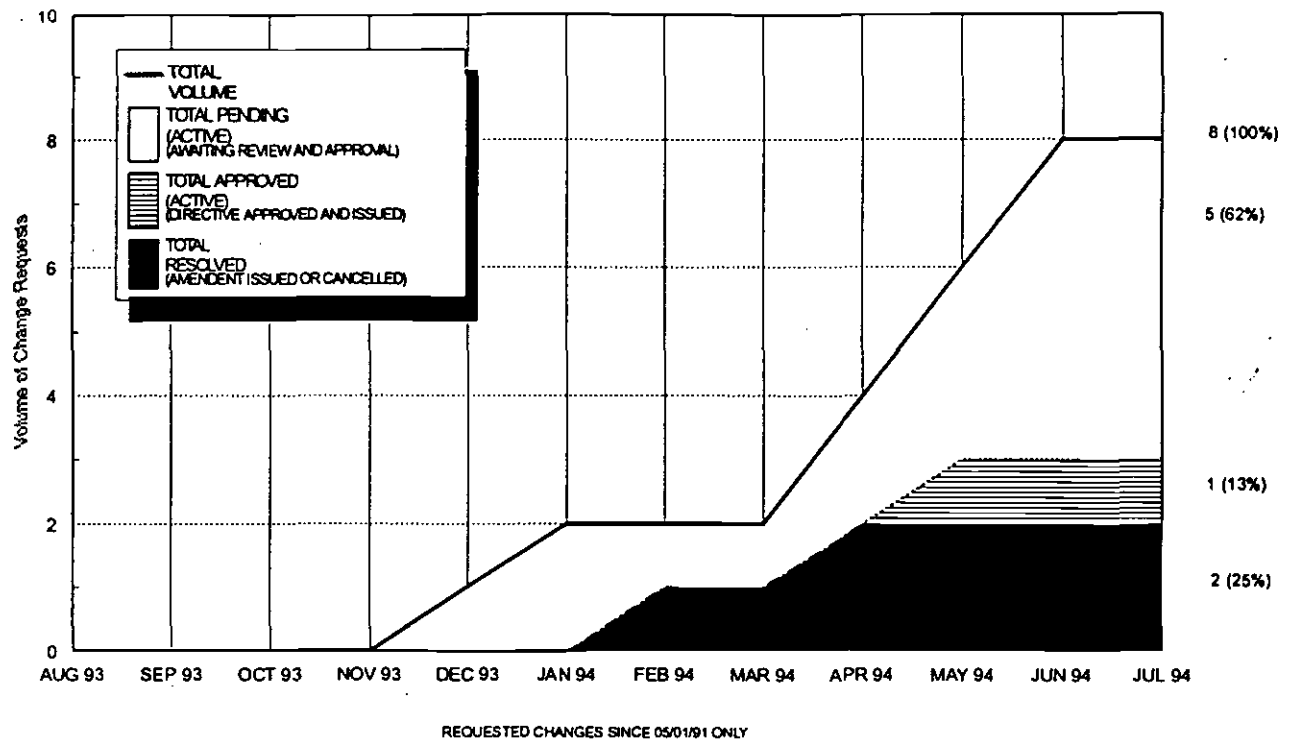
REQUESTED CHANGES SINCE 05/01/91 ONLY

AGE OF UNRESOLVED CONSULTANT CHANGES					
TIME	0-30 DAYS	30-60 DAYS	61-90 DAYS	OVER 90	TOTAL ACTIVE
VOLUME	17	6	4	21	48
PERCENT	35%	13%	8%	21%	100%

CONSULTANT CONTRACT CHANGE SUMMARY
RED LINE SEG-3 N. HOLLYWOOD CONSULTANT CHANGE REQUEST VALUES

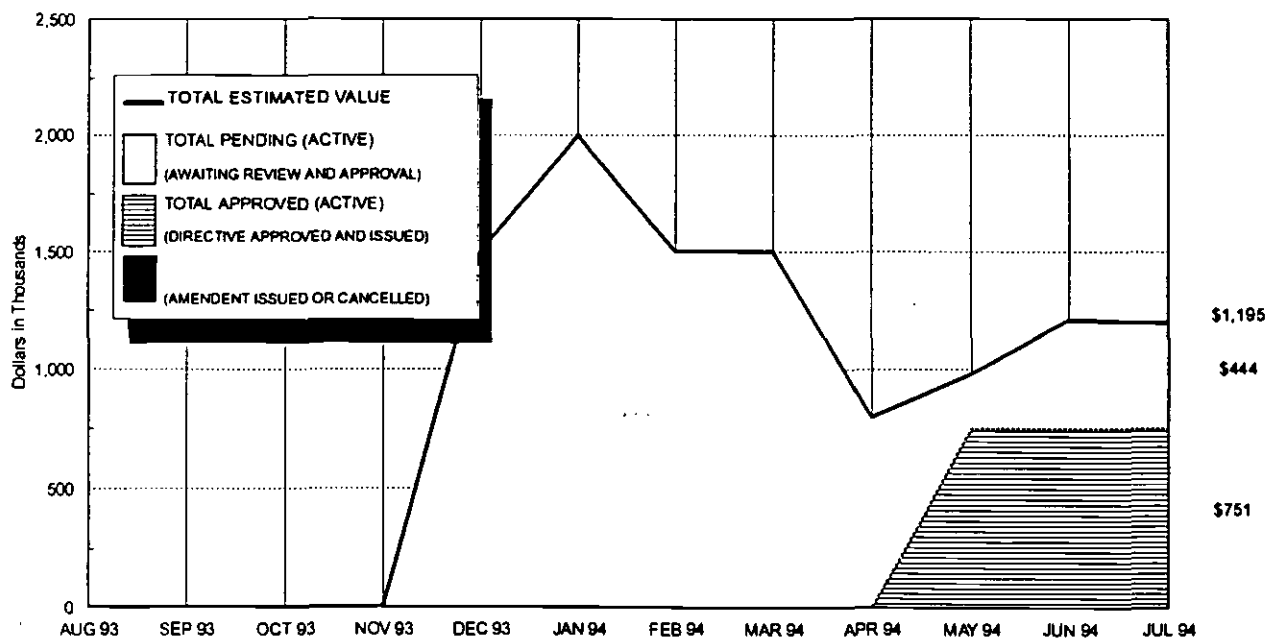


CONSULTANT CONTRACT CHANGE SUMMARY
RED LINE SEG-3 MID CITY CONSULTANT CHANGE REQUEST VOLUME

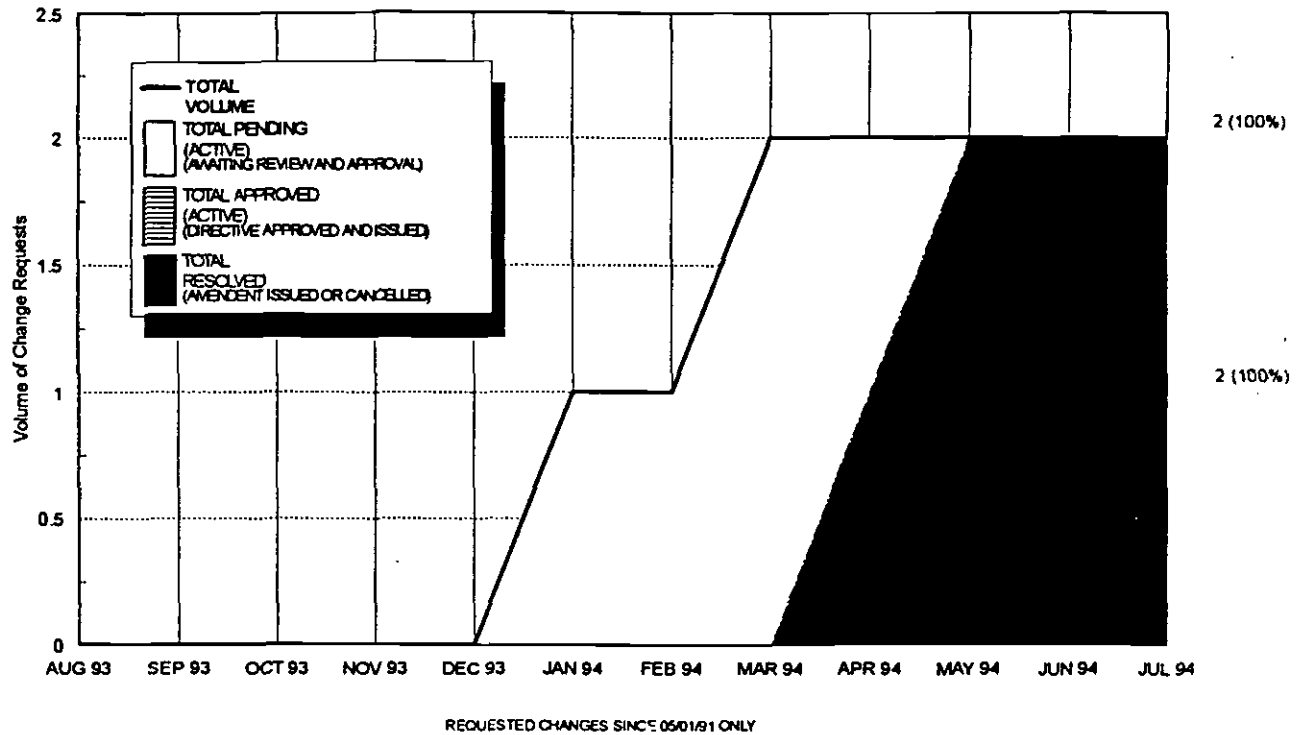


AGE OF UNRESOLVED CONSULTANT CHANGES					
TIME	0-30 DAYS	30-60 DAYS	61-90 DAYS	OVER 90	TOTAL ACTIVE
VOLUME	1	1	2	2	6
PERCENT	17%	17%	33%	33%	100%

CONSULTANT CONTRACT CHANGE SUMMARY
RED LINE SEG-3 MID CITY CONSULTANT CHANGE REQUEST VALUES

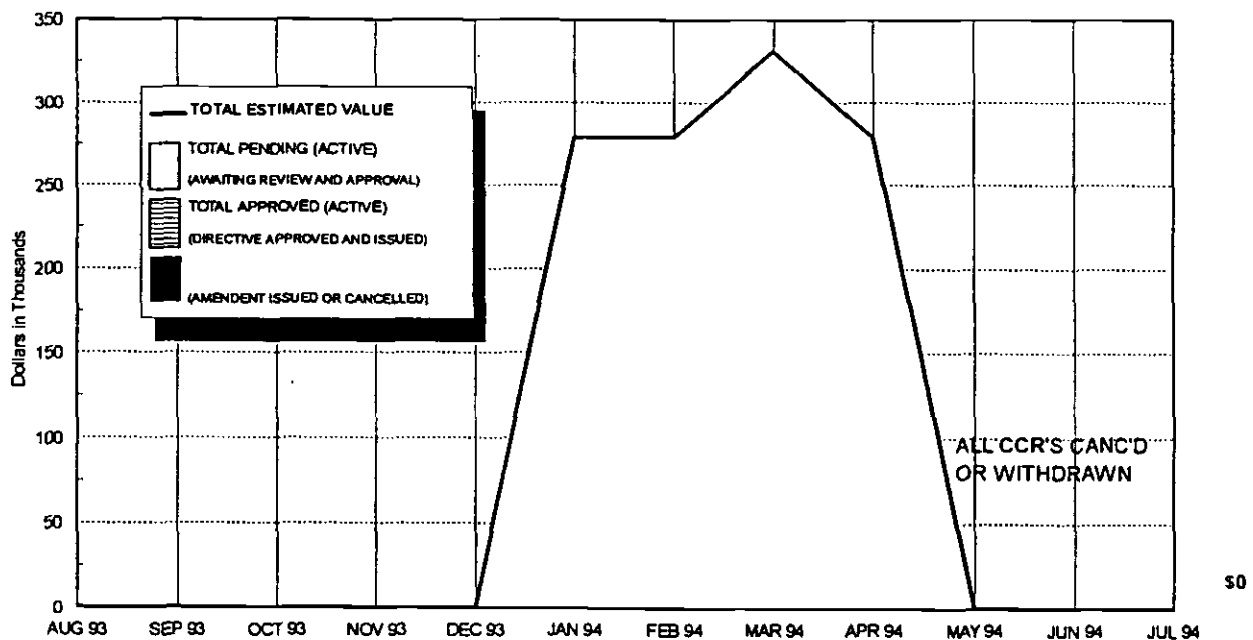


CONSULTANT CONTRACT CHANGE SUMMARY
RED LINE SEG-3 EAST SIDE EXTENSION CONSULTANT CHANGE REQUEST VOLUME



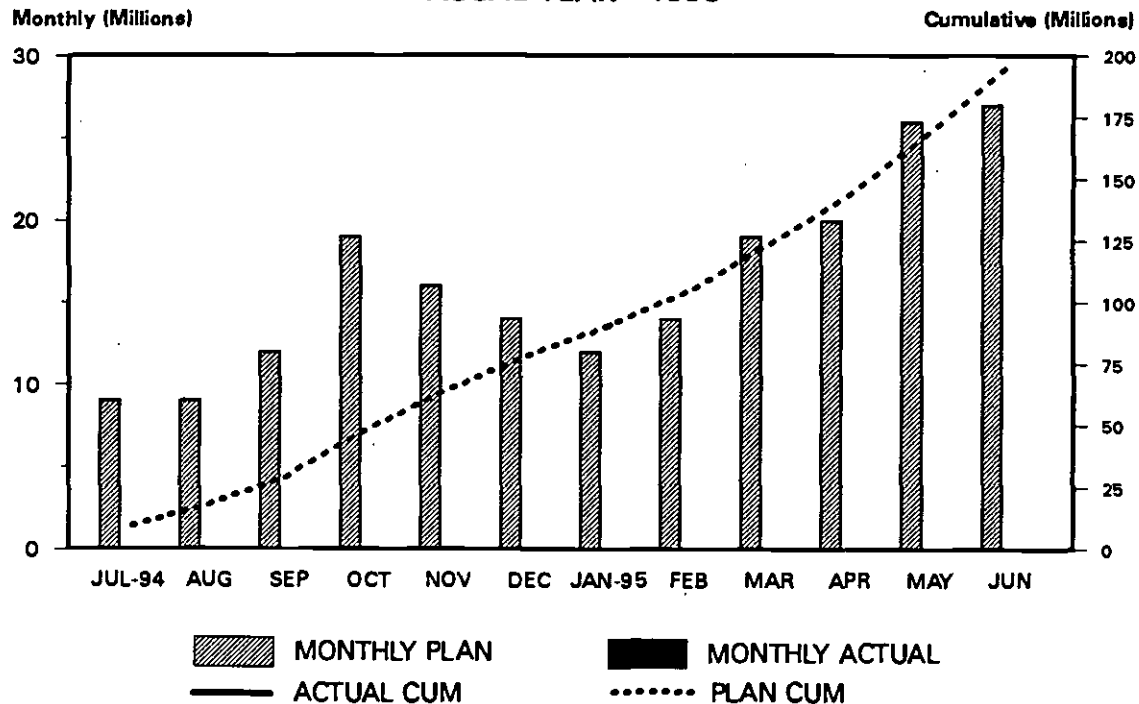
AGE OF UNRESOLVED CONSULTANT CHANGES					
TIME	0-30 DAYS	30-60 DAYS	61-90 DAYS	OVER 90	TOTAL ACTIVE
VOLUME	0	0	0	0	0
PERCENT	0%	0%	0%	0%	0%

CONSULTANT CONTRACT CHANGE SUMMARY
RED LINE SEG-3 EAST SIDE EXTENSION CONSULTANT CHANGE REQUEST VALUES

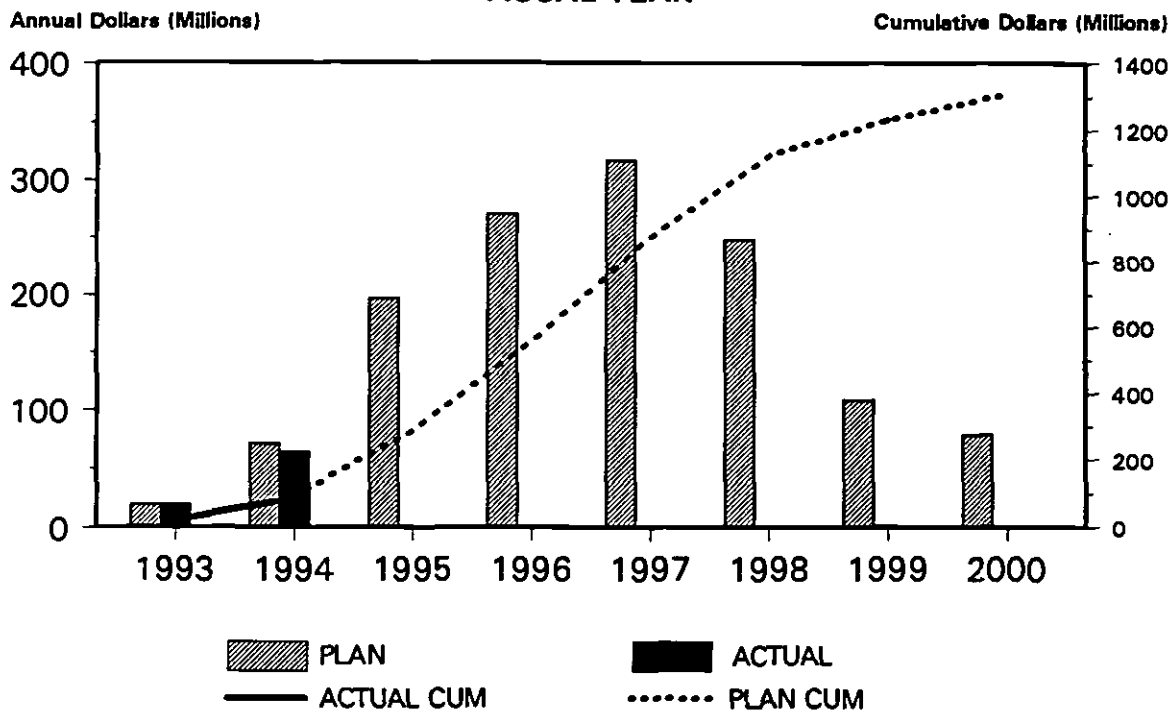


NORTH HOLLYWOOD

PROJECT CASH FLOW - ANNUAL
FISCAL YEAR - 1995



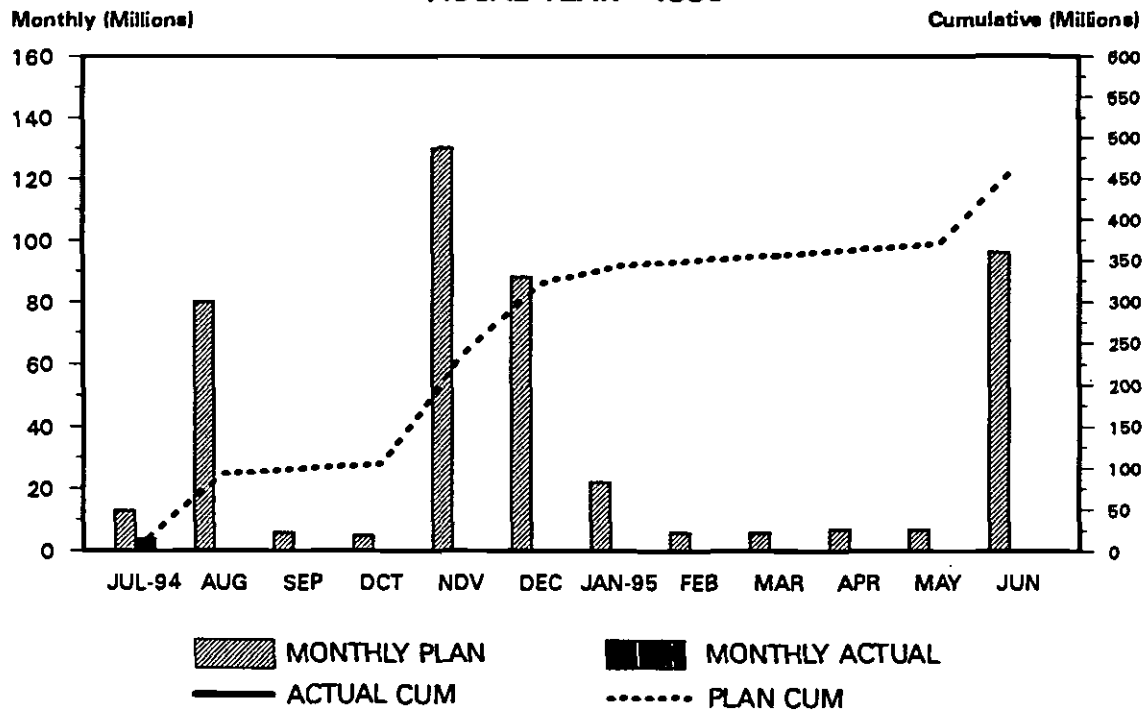
PROJECT CASH FLOW - PROJECT FISCAL YEAR



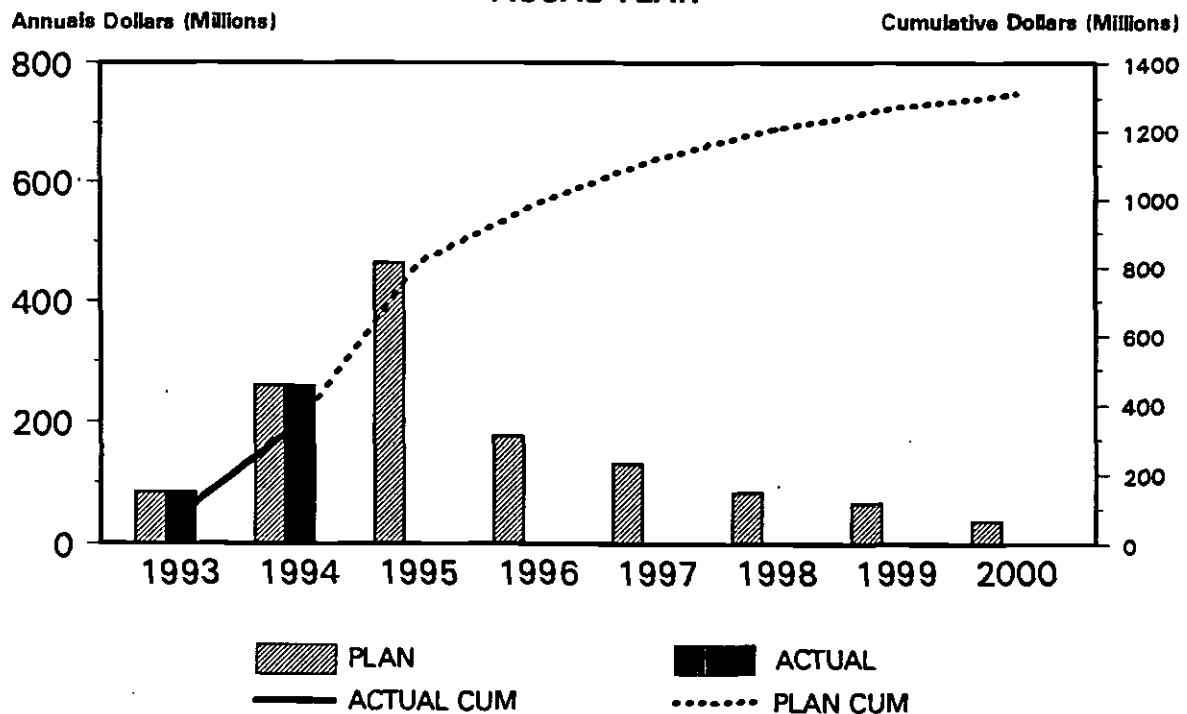
NOTES: THESE CHARTS ARE BASED ON ACTUAL EXPENDITURES CURRENT THROUGH JUNE 1994.
THE PLAN WAS REVISED IN JUNE 1994.

NORTH HOLLYWOOD

PROJECT COMMITMENTS - ANNUAL FISCAL YEAR - 1995



PROJECT COMMITMENTS - PROJECT FISCAL YEAR

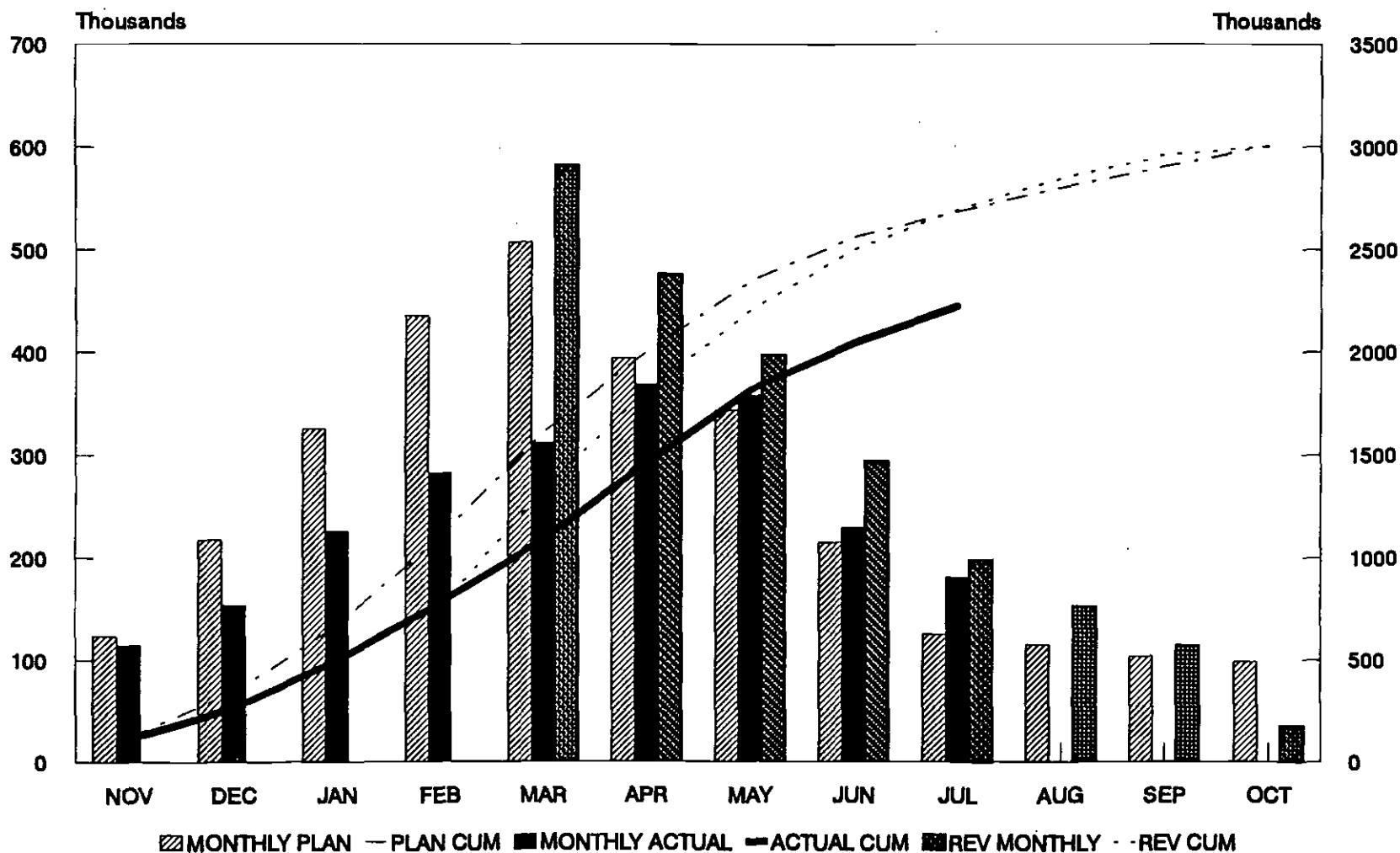


NOTE: THE PLAN WAS REVISED IN JUNE 1994.

METRO RED LINE EAST SIDE EXTENSION

FEIS/FEIR/PLANNING PROJECT CASH FLOW

FISCAL YEARS 1994 & 1995



Through 31 JULY94

METRO RED LINE EAST SIDE EXTENSION

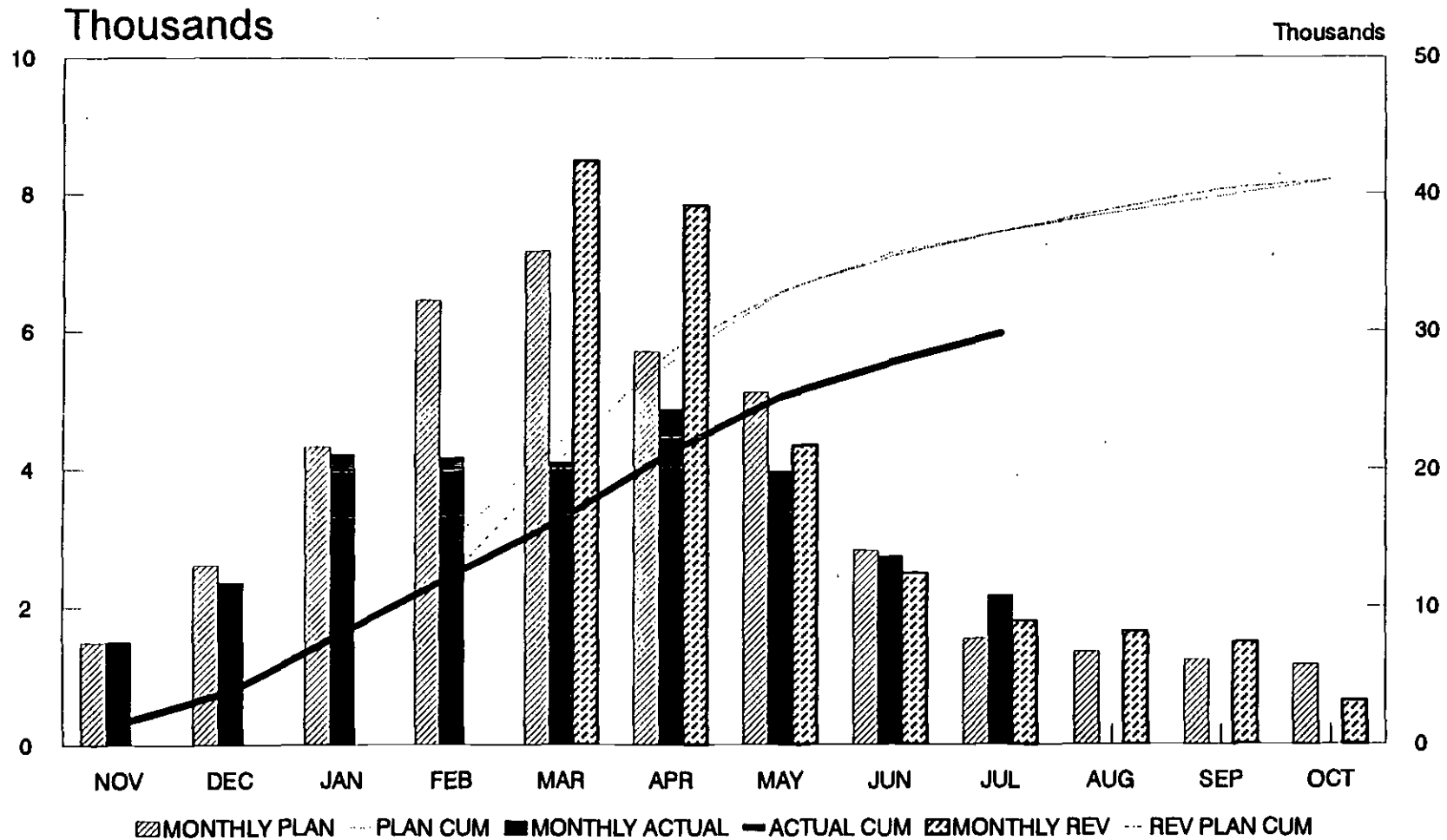
FEIS/FEIR/PLANNING PROJECT

TOTAL WORKHOURS

METRO RED LINE SEGMENT 3

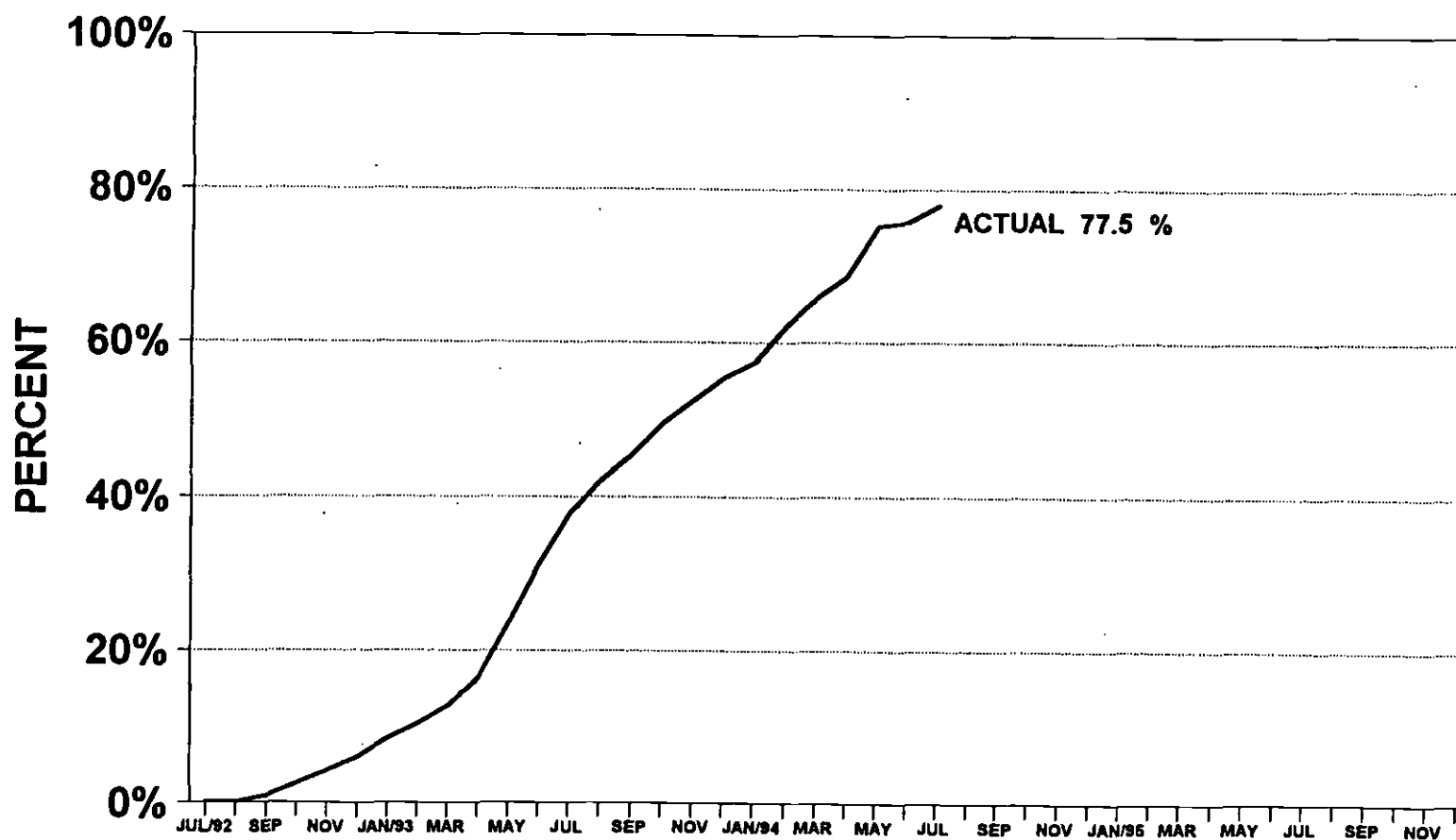
JULY 1994

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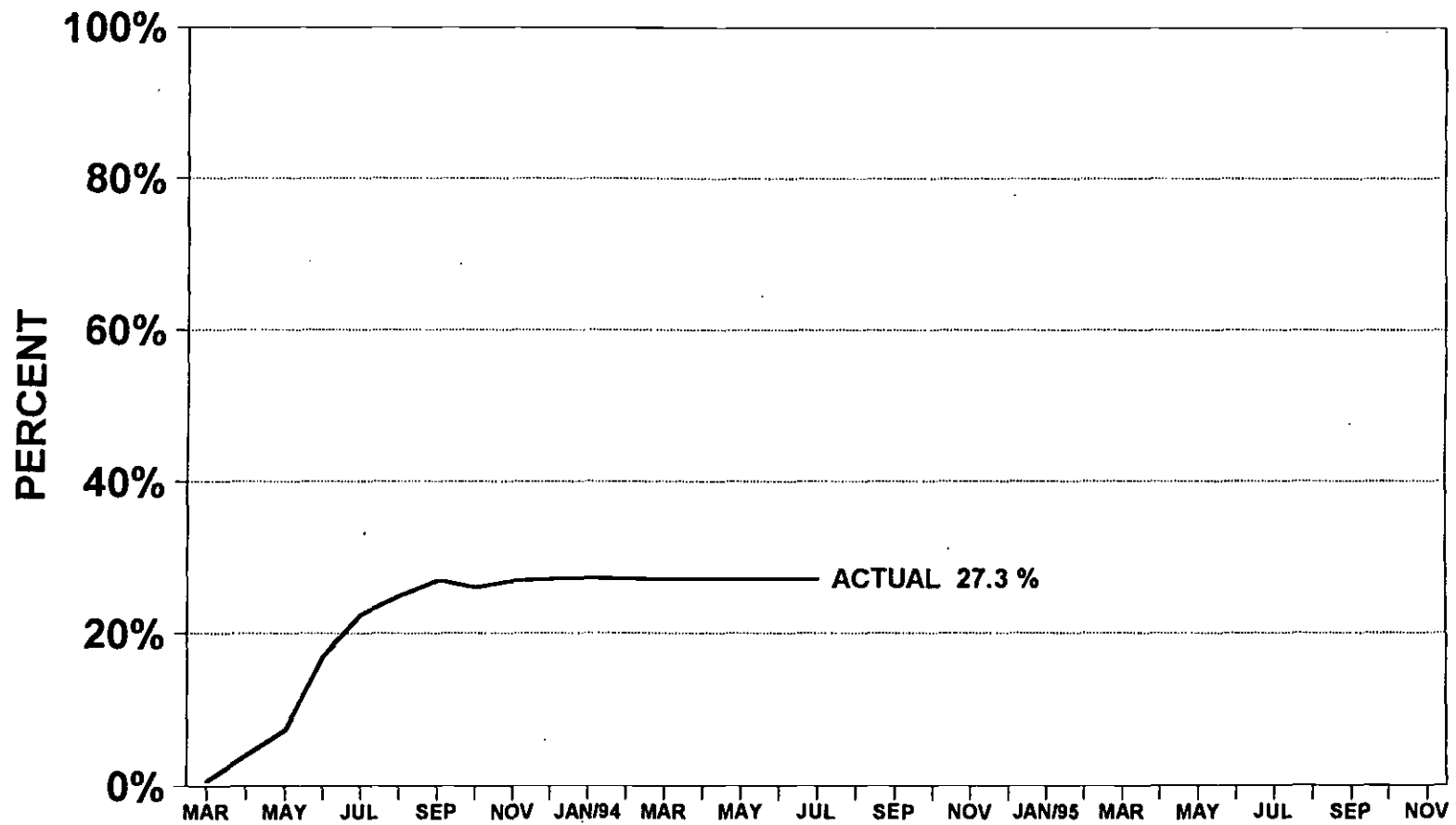


THROUGH JULY 31, 1994

METRO RED LINE SEGMENT 3 NORTH HOLLYWOOD EXT - FACILITIES DESIGN



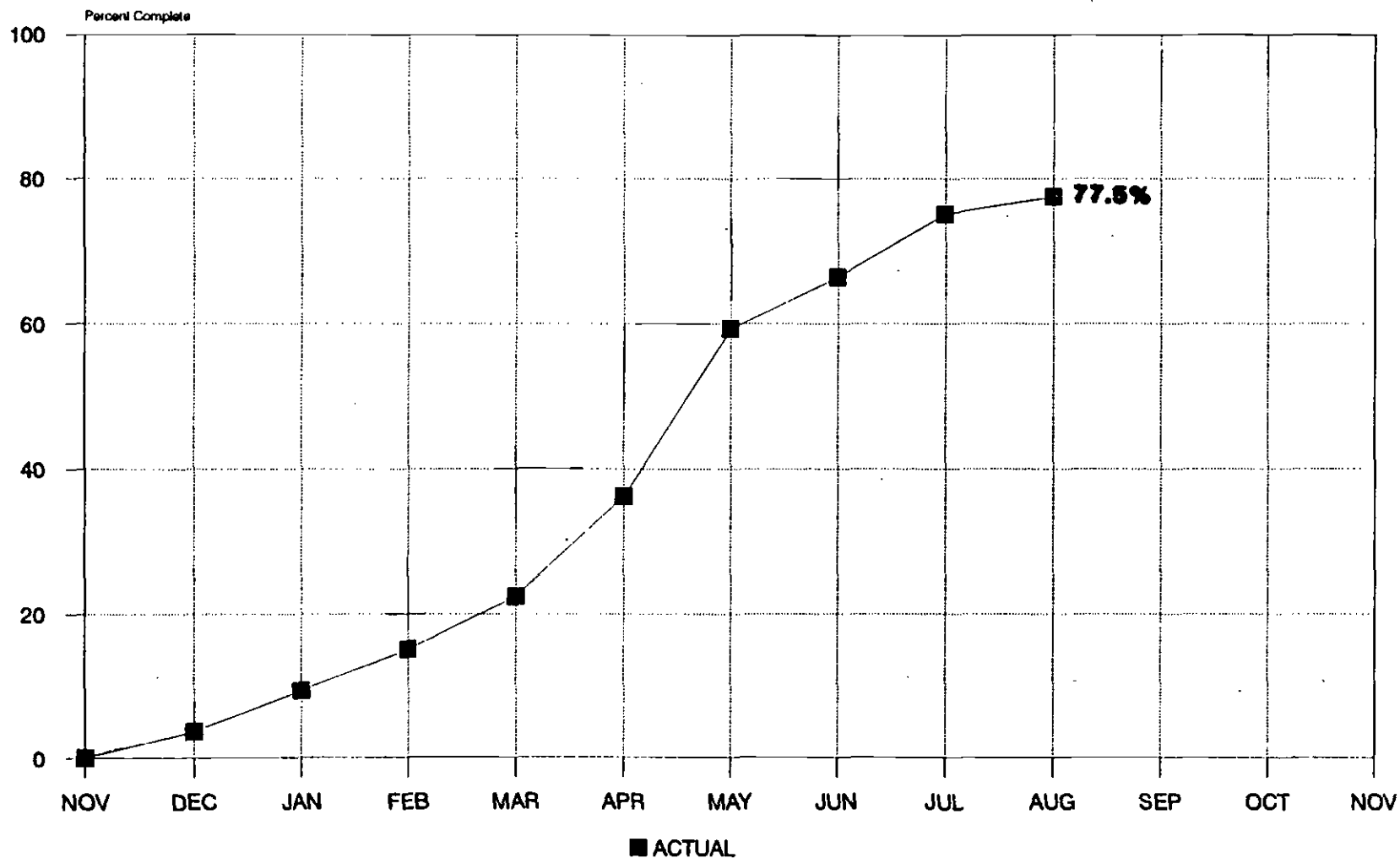
METRO RED LINE SEGMENT 3 MID CITY EXT - FACILITIES DESIGN



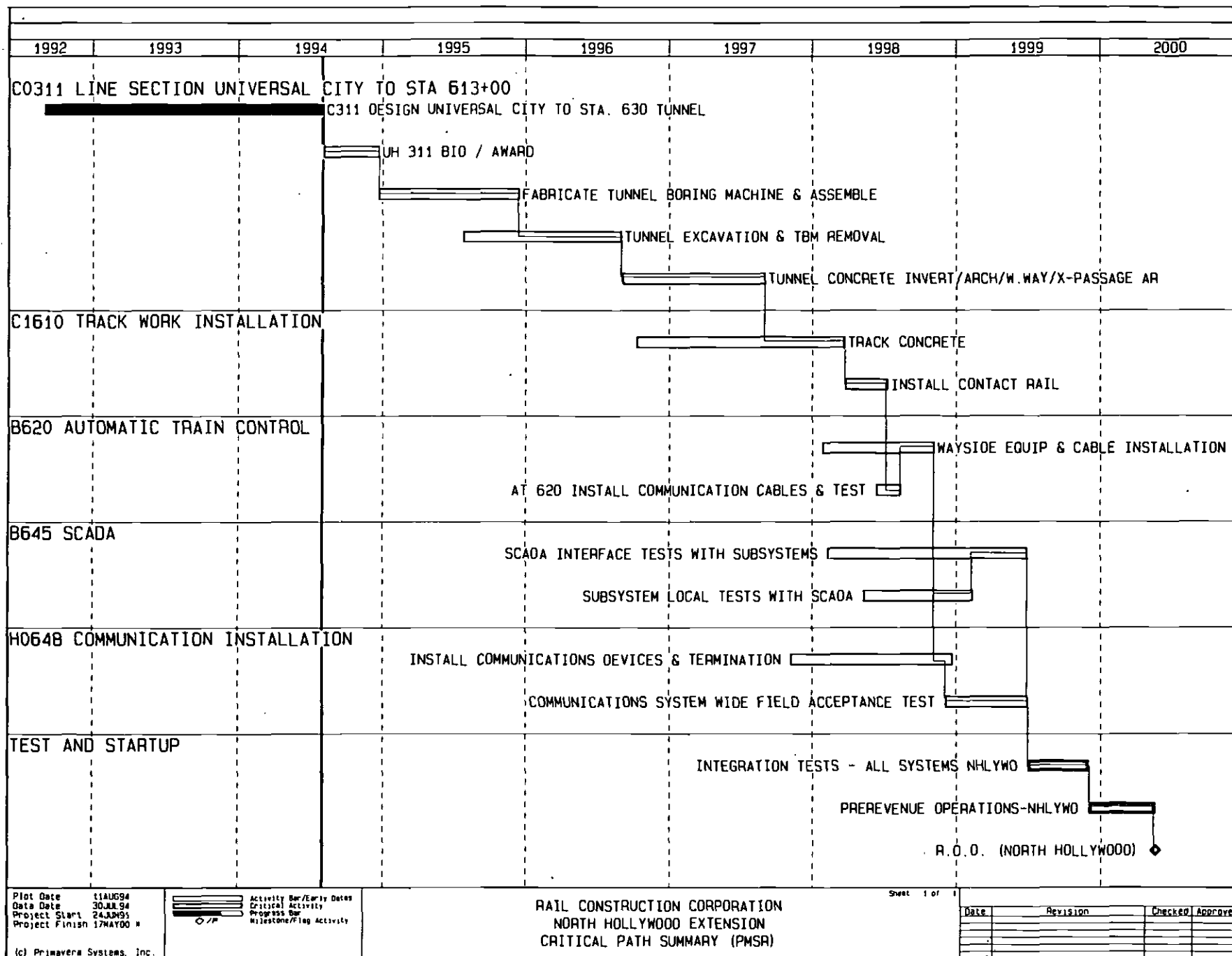
METRO RED LINE EAST SIDE EXTENSION

FEIS/FEIR/PLANNING PROJECT

RESCHEDULED PROGRESS



Through 31 JULY 94



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