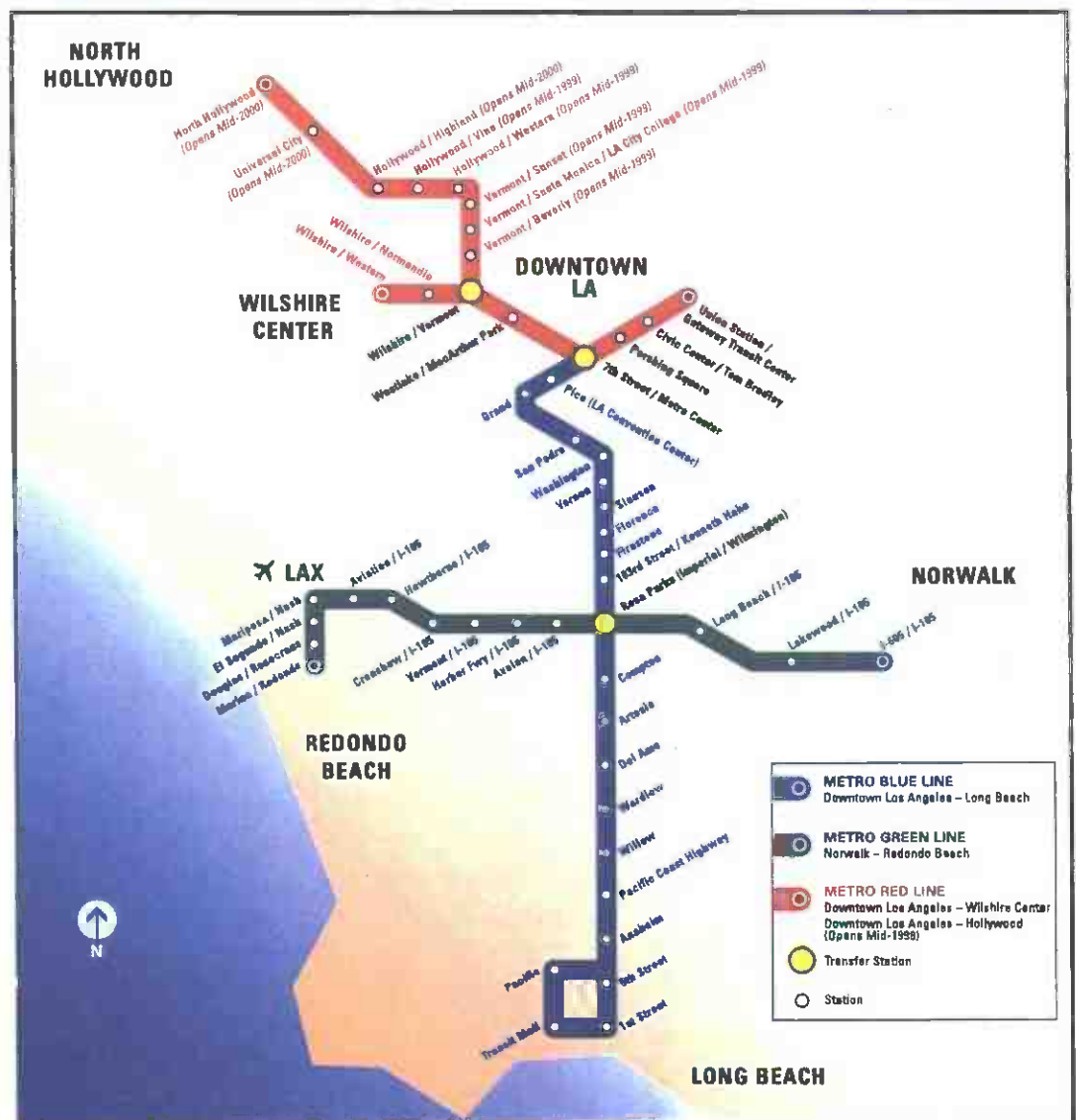


MTA METRO CONSTRUCTION



Executive Report Rail Program Status



July 1999

RAIL PROGRAM STATUS SUMMARY

**THE LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY
METRO CONSTRUCTION DIVISION**

JULY 1999

RAIL PROGRAM SUMMARY



EXECUTIVE SUMMARY RAIL PROGRAM STATUS as of July 1999

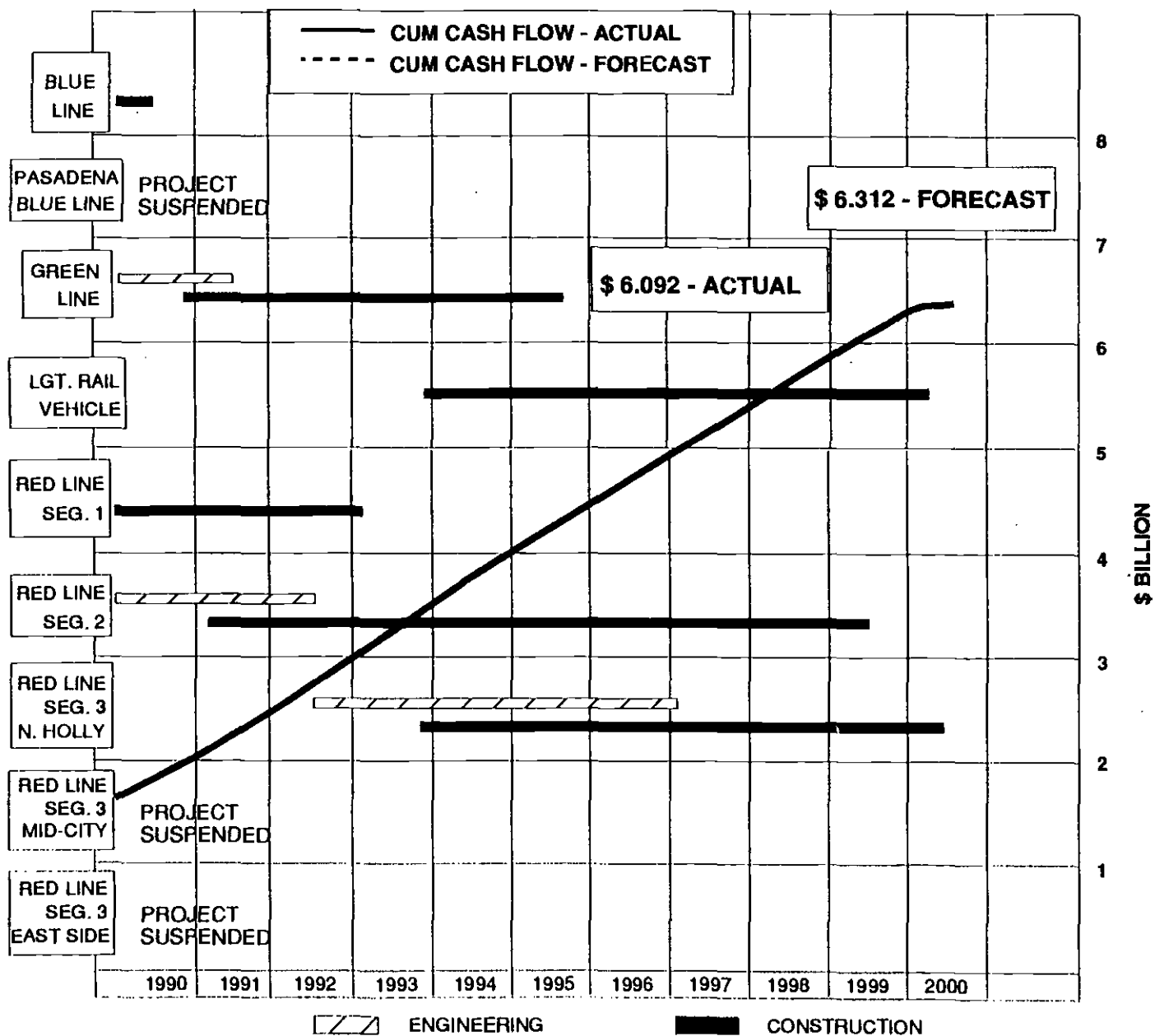
	RED Segment 1	RED Segment 2	RED Seg 3 N. Hollywd.	RED Seg 3 Mid-City	RED Seg 3 East Side	BLUE Long Beach/LA	BLUE Pasadena	GREEN	Light Rail Vehicle	Summary
Length	4.4 Mi.	6.7 Mi.	6.3 Mi.			22 Mi.		20 Mi.	—	59.4 Mi.
Number of Stations	5	8	3			22		14	52 cars	52 stas.
Technology	Heavy Rail	Heavy Rail	Heavy Rail			Light Rail		Light Rail	Light Rail	—
MTA Approved Opening Date	Jan 1993	Wilshire Jul 1996 Vermont Jun 1999	May 2000			July 1990		August 1995	Final Car Delivery Sept 2000	Final Completion Sept 2000
Design Status	Completed	Completed	99.8%	Project suspended	Project suspended	Completed	Project suspended	Completed	Based on Milestones 98%	4 of 6 complt.
Construction Status	Completed	Completed	83.2%	Project suspended	Project suspended	Completed	Project suspended	99%	Based on Milestones 74%	3 of 6 complt.
Expenditures to Date (in mil.)	\$1438	\$1609	\$991	\$14	\$141	\$860	\$235	\$677	\$127	\$6092
MTA Approved Budget (in mil.)	\$1450	\$1739	\$1314	Project suspended	Project suspended	\$877	Project suspended	\$712	\$258	\$6350
Federal Funding	48%	41%	71%			0%		0%	30%	32%
State/Local Funding	52%	59%	29%			100%		100%	70%	68%

**METROPOLITAN TRANSPORTATION AUTHORITY
FUNDING SOURCES (IN MILLIONS)**

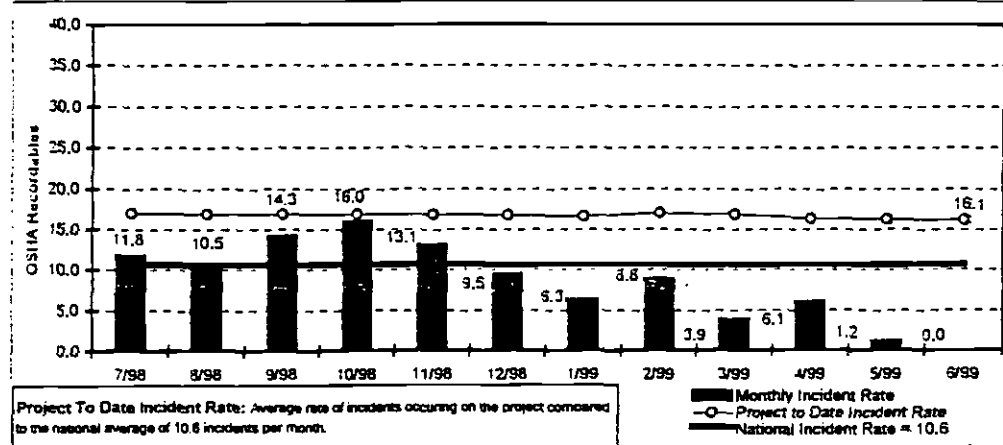
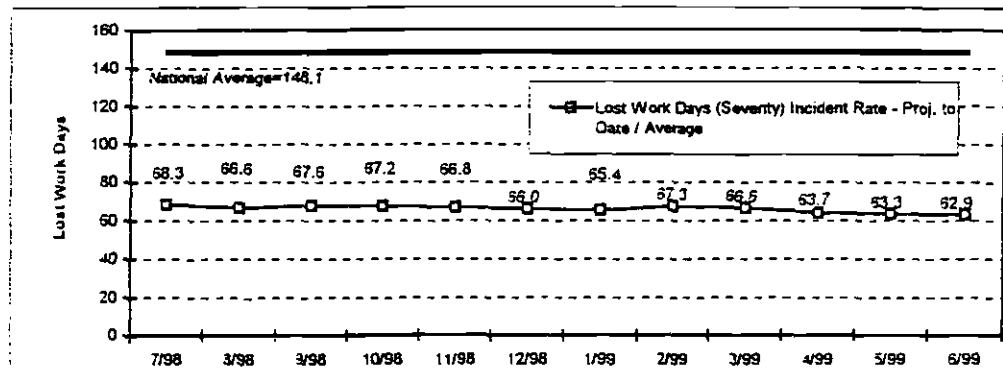
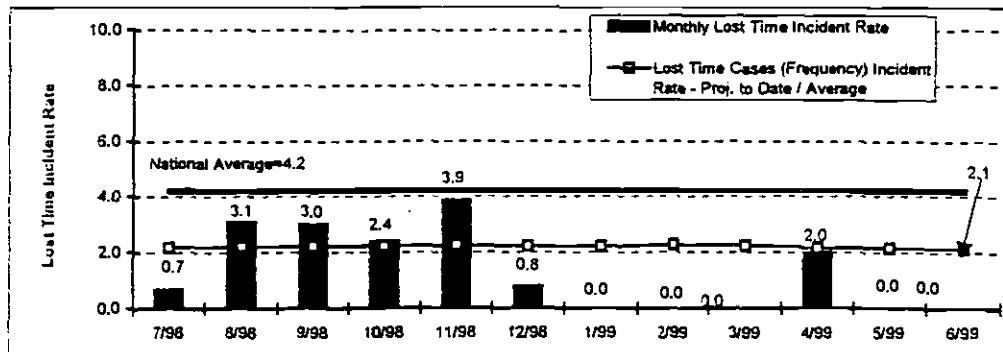
	METRO BLUE LINE	METRO GREEN LINE	METRO RED SEGMENT 1	METRO RED SEGMENT 2	METRO RED SEGMENT 3 - NH	** LIGHT RAIL VEHICLE	JULY 1999 TOTAL PROGRAM	
	\$	\$	\$	\$	\$	\$	\$	%
ORIGINAL SCOPE:								
FTA-SECTION 3			605.3	667.0	681.0		1853.3	31
FTA - OTHER								
ISTEA - FED SURFACE TRANSIT PROG				52.1	174.3	55.1	281.5	6
FED-ISTEA RSTP/CMAQ					80.6	6.1	86.7	1
FTA-SECTION 9			90.6				90.6	1
STATE		105.9	210.3	133.0	148.5	18.4	614.1	10
STATE TSM MATCH					10.5		10.5	0
SB 1995 TRUST FUND					66.7		66.7	1
PROPOSITION A	877.2	205.1	178.5	504.3			1766.1	29
PROPOSITION C		401.3			59.2	123.8	584.3	9
CITY OF LOS ANGELES			34.0	96.0	90.0		220.0	4
BENEFIT ASSESSMENT			130.3				130.3	2
COST OVERRUN ACCOUNT			200.1	191.3			391.4	6
APPROVED BUDGET	877.2	712.3	1450.1	1643.7	1310.8	201.4	6195.5	99
CURRENT FORECAST	877.2	716.3	1439.0	1645.3	1310.8	201.4	6190.0	
ADDITIONAL LOCALLY FUNDED ACTIVITIES:								
PROP C (ARTWORK)					2.7		2.7	0
PROP C (NON-REV. CONNECTOR)					0.3		0.3	0
COST OVERRUN ACCOUNT				24.7			24.7	0
PROP C (TRANSIT ENHANCEMENTS)				66.0			66.0	1
PRIVATE FUNDS (KAISER HOSPITAL)				4.4			4.4	0
APPROVED BUDGET	0.0	0.0	0.0	95.1	3.0	0.0	98.1	1
CURRENT FORECAST	0.0	0.0	0.0	93.5	28.7	0.0	122.2	

Note: Metro Red Line Segment 3 Mid-City Extension, Metro Red Line Segment 3 East Side Extension, and Metro Pasadena Blue Line projects have been suspended and are not included on this chart.

** Original Scope Funding for the Light Rail Vehicle Project is shown as the Current Forecast not the Approved Budget.



June 1999

Prepared By:
Marsh USA Risk and Insurance ServicesTotal Metro
Safety Summary

• March 12, 1997 The Bureau of Labor and Statistics issued the news release "Workplace Injuries and Illnesses in 1995." OSHA 200 Cases is now 10.6 and Lost Workday Cases involving Days Away From Work is now 4.2.

7/27/99

METRO RED LINE SEGMENT 3 NO. HOLLYWOOD

Rail Program Status Summary

Period Ending - July 30, 1999



PROJECT DESCRIPTION

The North Hollywood Extension includes three stations and extends 6.3 miles northwest from the terminus of Segment 2 at Hollywood/Vine to a new terminus at North Hollywood station. Two intermediate stations, one at Hollywood/Highland and another at Universal City, complete this extension.

SCHEDULE PROGRESS

	Expended (in \$ Mil.)	Percent Complete
DESIGN		
Monthly Progress	-0.2	0.3 %
Prior Cumulative Prog.	\$ 84.0	99.5
Cumulative Progress	83.8	99.8
CONSTRUCTION		
Monthly Progress	9.4	0.1 %
Prior Cumulative Prog.	\$ 633.8	83.1
Cumulative Progress	643.2	83.2
OTHER Cost Elements	\$ 264.1	
TOTAL	\$ 991.1	

STATUS OF FUNDS BY SOURCE (in \$ mil.)

Source	Total Funds Anticipated (in \$ mil.)	Total Funds Available (in \$ mil.)	Expend.
FTA - Section 3	\$544.8	\$374.2	\$430.6
FTA - Sect 3 Defer. Local	136.2	93.5	107.1
FED ISTEA STP (State)	174.3	174.3	50.0
FED ISTEA STP/CMAQ	71.4	71.4	71.4
FED ISTEA RSTP Defer	9.2	9.2	9.2
SB 1995 Trust Fund	66.7	66.7	66.7
State SHA/Article XIX	64.8	49.4	48.7
State Proposition 116	57.7	57.7	57.1
State TSM Match	10.5	10.5	10.5
State Congestion Relief	26.0	26.0	26.0
City of Los Angeles	90.0	55.5	55.5
Proposition C	59.2	59.4	57.4
Benefit Assessment Dist	0.0	0.0	0.0
TOTAL	\$1310.8	\$1047.8	\$990.1
ADDITIONAL LOCALLY FUNDED ACTIVITIES			
Prop C (Artwork)	2.7	0.9	0.9
Prop C (Non-Rev Connect)	0.3	0.0	0.0
TOTAL	\$3.0	\$0.9	\$0.9

BUDGET/FORECAST STATUS (in \$ mil.)

Cost Element	Current Budget	Current Forecast
Construction	\$824.7	\$849.1
Professional Services	300.8	310.4
Real Estate	89.0	86.3
Utility Force Account	26.3	26.6
Special Programs	0.0	0.0
Contingency	69.6	35.8
Project Reserve	0.4	2.6
Project Revenue	0.0	0.0
TOTAL ORIGINAL SCOPE	\$1310.8	\$1310.8
	Current Budget	Current Forecast
TOTAL ADDITIONAL LOCALLY FUNDED ACTIVITIES	\$3.0	\$28.7

SCHEDULE STATUS

REVENUE OPERATIONS DATE: May 2000

Although the FTA FFCA stipulates project completion on December 12, 2000, the current planned completion date is May 17, 2000 the forecast for completion is June 1, 2000.

CURRENT ACTIVITIES / ISSUES

The project is forecasting a \$28.7 m overrun to the current budget largely due to increased agency overhead costs.

**METRO RED LINE SEGMENT 3
NORTH HOLLYWOOD EXTENSION
EXECUTIVE SUMMARY**

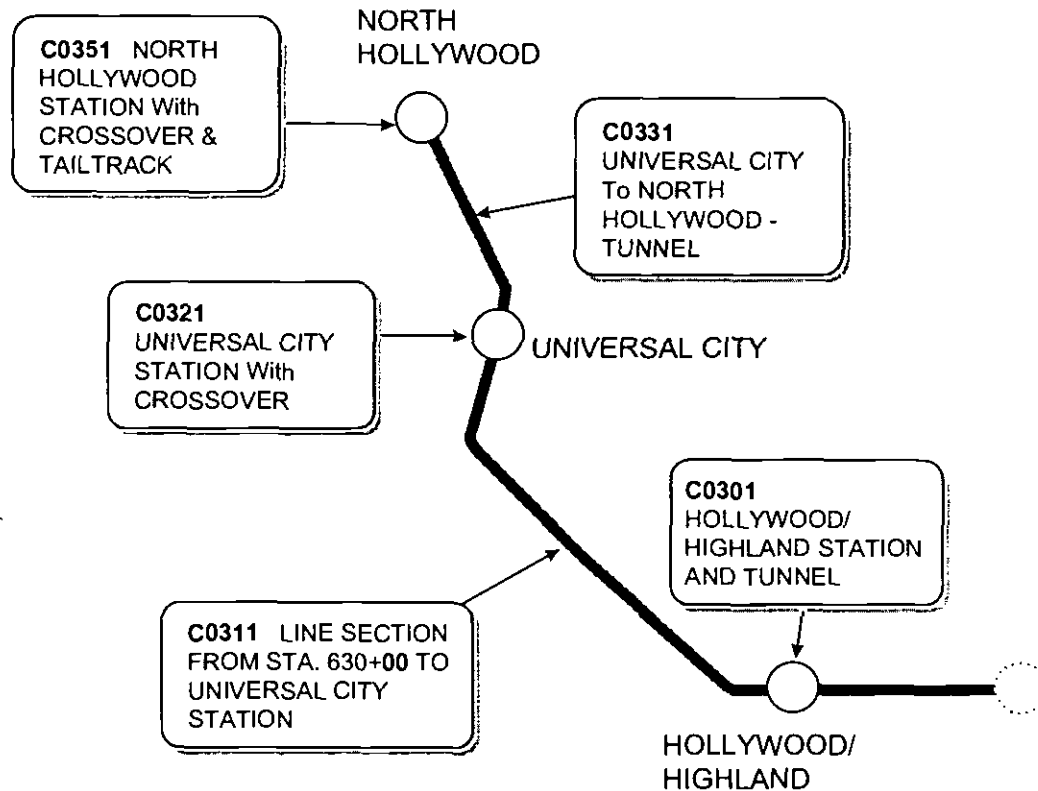
METRO RED LINE Segment 3 North Hollywood

Monthly Project Status Report

Period Ending - July 1999



Major Activities - This Period



SYSTEMWIDE ACTIVITIES:

Began Phase 1 systems integration testing at Universal City Station.

DESIGN ACTIVITIES:

C0322 (UCS Pedestrian Undercrossing) completed the pre-final and final design.

C0326 (UCS Freeway Overcrossing, Ramps, Bus Plaza and Parking Lot) completed camera ready.

CONSTRUCTION ACTIVITIES:

B620 (Automatic Train Control) contractor completed installation of 34.5KV conduits in the C0311 left alignment (AL) tunnel and installation and testing of fiber optic cable in both tunnels. Continued

installation of communication cable and ATC wayside equipment.

B630/H0631 (Traction Power System Installation) completed DC wayside cable pulling and continued connections at North Hollywood, Universal City and Hollywood/Highland stations. Completed DC equipment and cable testing at Universal City and continued the same at C0311 track level rooms. Commenced DC cable pulling at Crosspassages 57, 53, and 44.

B645 (TRACS) contractor continued work on database, graphic displays and layout development. Fabrication of the Remote Terminal Unit (RTU) cabinets continued and assembly has begun.

B646 (Fire and Emergency Management) local field acceptance test (LFAT) for base contract work was completed at North Hollywood Station. The

METRO RED LINE Segment 3 North Hollywood

Monthly Project Status Report

Period Ending - July 1999



Fire/Life/Safety change order work (CN-92.01) was completed at Universal City Station and is in progress at North Hollywood Station.

B710 (Escalators and Elevators) work was focused primarily at Hollywood/Highland and Universal City stations. The contractor added and reallocated resources to mitigate delays at North Hollywood Station.

B760 (Signs and Graphics) contractor finished fabricating signs for plaza parking and station pylon at Universal City Station. Delivery is scheduled for August 5, 1999.

B795 (Uninterruptible Power Supply) completed procurement of the 80 KVA unit for track level rooms. Completed installation of the UPS 80 KVA unit commissioning at Hollywood/Highland Station. Continued to charge batteries and perform tests.

H0648 (Communication Installation) completed the CN-4.01 work at Universal City Station (fire suppression system). The fire emergency management system (F&EM) at the North Hollywood Station was completed without the fire suppression system. Most of the TC&C room cabinets at the Hollywood/Highland Station have been completed. Continued with installation of radio cable support system. Assembling of radio equipment is in progress.

C0301 HOLLYWOOD/HIGHLAND STATION AND TUNNELS COMPLETE:
Commissioned 80 KVA Uninterruptible Power Supply.

C0311 LINE SECTION FROM STATION 630+00 TO UNIVERSAL CITY:
Completed demobilization.

C0321 UNIVERSAL CITY STATION:
Began air damper tests.

C0351 N. HOLLYWOOD STATION W/CROSSOVER & TAILTRACK COMPL:
Continued punch list activities.

C1610 TRACKWORK INSTALLATION:
Milestone #1, Contract Completion, was met on July 13, 1999. Completed Stage 1 and Stage 2 Rock Drilling and Supplemental Formation Grouting in C0311 tunnels. Started fabrication of precast panels for shaft closures.

MS201 HOLLYWOOD BOULEVARD STREET RESTORATION:
Completed terrazzo sidewalks and Substantial Completion on July 9.

METRO RED LINE Segment 3 North Hollywood

Monthly Project Status Report

Period Ending - July 1999



Quality Assurance

SEGMENT 3

QAR's Closed 0

QAR's Open 4

QAR Responses Due 0

Current Period Surveillances 7

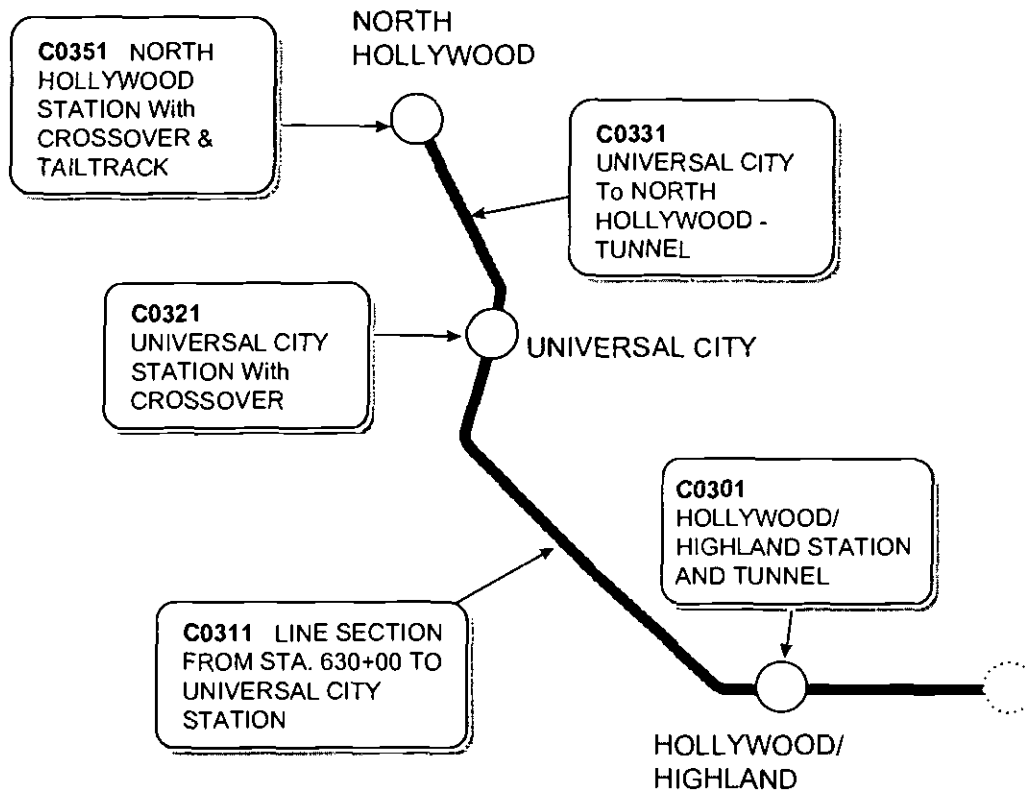
METRO RED LINE Segment 3 North Hollywood

Monthly Project Status Report

Period Ending - July 1999



Major Activities - Next Period



SYSTEMWIDE ACTIVITIES:

Continue Phase 1 testing at Universal City Station and begin Phase 1 testing at North Hollywood Station.

DESIGN ACTIVITIES:

C0322 (UCS Pedestrian Undercrossing) continue with the design toward accelerated schedule of the camera ready, planned for 8/16/99.

C0352 (North Hollywood Sitework) package for rebid.

CONSTRUCTION ACTIVITIES:

B620 (Automatic Train Control) complete installation and testing of communication cable in the tunnels. Complete critical ATC wayside equipment and cable

installation. Start operational testing at the North Hollywood Station.

B630/H0631 (Traction Power System Installation) complete wayside DC cable connections at Hollywood/Highland, Universal City and North Hollywood stations. Complete DC cable pulling at Crosspassages 57, 53, and 44. Install DC feeders on the wayside, and complete equipment and cable testing at track level room and Hollywood/Highland Station. Start DC equipment and cable testing at North Hollywood Station. Start bonding (cadwelding) of cable to third rail in both tunnels.

B645 (TRACS) complete database priority I and continue graphic displays, layout development, and begin assembly of RTU circuit boards.

METRO RED LINE Segment 3 North Hollywood

Monthly Project Status Report

Period Ending - July 1999



B646 (Fire and Emergency Management) complete local field acceptance testing (LFAT) of base contract work at Hollywood/Highland Station.

B710 (Escalators and Elevators) continue work at Universal City, Hollywood/Highland and North Hollywood stations.

B760 (Signs and Graphics) contractor will ship and deliver site signs and pylon for Universal City Station and be substantially complete by August 5, 1999.

B795 (Uninterruptible Power Supply) continue commissioning the available units. Complete repairing equipment at all stations. Complete installation of the 80 KVA units at Universal City and North Hollywood stations.

H0648 (Communications Installation) complete installation of the fire detection/suppression units at North Hollywood and Hollywood/Highland stations. Continue installing cables, ducts, and devices, as well as, assembling the radio equipment.

C0301 HOLLYWOOD/HIGHLAND STATION AND TUNNELS COMPLETE:

Finish punch list items. Demobilize from site.

C0321 UNIVERSAL CITY STATION:

Commission Uninterruptible Power Supply. Finish punch list items and damper tests. Demobilize from site.

C1610 TRACKWORK INSTALLATION:

Finish cleaning of tunnels. Finish fabrication and installation of the precast panels for shaft closures. Complete removal of noise wall at Chandler staging area and removal of La Brea shaft elevator.

MS201 HOLLYWOOD BOULEVARD STREET RESTORATION:

Finish punch list items. Demobilize from site.

METRO RED LINE Segment 3 North Hollywood

Monthly Project Status Report

Period Ending - July 1999



Budget/Forecast Variance

Original Scope Activities

(\$ Millions)

COST ELEMENT	CURRENT BUDGET	CURRENT FORECAST	VARIANCE	July Change in Forecast
PROJECT RESERVE	\$0.4	\$2.6	\$2.3	\$0.0
CONSTRUCTION	\$824.7	\$849.1	\$24.4	\$2.3
PROFESSIONAL SERVICES	\$300.8	\$310.4	\$9.6	\$0.0
REAL ESTATE	\$89.0	\$86.3	(\$2.8)	\$0.0
UTILITY/AGENCY FORCE ACCOUNTS	\$26.3	\$26.6	\$0.3	\$0.0
SPECIAL PROGRAMS	\$0.0	\$0.0	\$0.0	\$0.0
PROJECT CONTINGENCY	\$69.6	\$35.7	(\$33.8)	(\$2.3)
PROJECT REVENUE	\$0.0	\$0.0	\$0.0	\$0.0
TOTAL PROJECT	\$1,310.8	\$1,310.8	\$0.0	\$0.0

Budget/Forecast Variance Analysis

Original Scope Activities

Total Original Scope Expenditures through June 1999: \$979.9 million.

Total Original Scope Commitments through July 1999: \$1,074.2 million.

The Current Budget and Current Forecast totals remain unchanged at \$1,310.8 million.

However, there were a number of Forecast Changes within the Project Elements which were offset by Project Contingency as follows:

Contract MS201 (Hollywood Blvd. Restoration) - Forecast increased by \$0.8 million primarily due to additional time and material work associated with Hollywood Blvd. restoration mitigation plan.

Contract H0648 (Communication Installation) - Forecast increased \$0.7 million primarily due to support of the RAG Team for Rail Activation and System Integration Testing.

Contract B710 (Escalators & Elevators, Procure & Install) - Forecast increased by \$0.5 million primarily due to revise Article V "Period of Performance", and corrective misc. elevators/escalators for the Hollywood/Highland, Universal City, and North Hollywood stations.

Contract B281T (Street Settlement & SKK Termination Related Work) - Forecast increased \$0.3 million due to the Walk of Fame repairs/leaks prevention and demobilization of SKK equipment and materials.

METRO RED LINE Segment 3 North Hollywood

Monthly Project Status Report

Period Ending - July 1999



Budget/Forecast Variance

Additional Locally Funded Activities

(\$ Millions)

COST ELEMENT	CURRENT BUDGET	CURRENT FORECAST	VARIANCE	July Change in Forecast
CONSTRUCTION	\$1.9	\$0.3	(\$1.6)	\$0.0
PROFESSIONAL SERVICES	\$0.7	\$27.6	\$26.9	\$0.0
UTILITY/AGENCY FORCE ACCOUNTS	\$0.0	\$0.0	\$0.0	\$0.0
SPECIAL PROGRAMS	\$0.0	\$0.9	\$0.9	\$0.0
PROJECT CONTINGENCY	\$0.4	\$0.0	(\$0.4)	\$0.0
PROJECT REVENUE	\$0.0	\$0.0	\$0.0	\$0.0
TOTAL ADDITIONAL LOCALLY FUNDED ACTIVITIES	\$3.0	\$28.7	\$25.7	\$0.0

Budget/Forecast Variance Analysis

Additional Locally Funded Activities

Total ALFA Expenditures through June 1999: \$11.2 million.

Total ALFA Commitments through July 1999: \$11.6 million.

"Additional Locally Funded Activities" (ALFA) are defined as Design and Construction activities for new scope elements that are added to the original scope of a project after Project Adoption (approval) by the Board of Directors. The Baseline Project Budget is based on the original scope; thus costs for new requirements are identified and managed separately as ALFA. ALFA work scope may include transit enhancements, new legislative requirements, Non Revenue Connectors, Metro A-R-T Program and other Board or FTA requirements not originally envisioned at Project Adoption. Unforeseen or differing site conditions are not considered ALFA. Lastly, ALFA categorized work scope are funded by local grant sources but may later be subject to Federal funding upon FTA concurrence or agreement; particularly if the ALFA activity was an FTA requirement. The Current Budget contains approximately \$3.0 million in ALFA categories under the Construction, Professional Services and Contingency elements.

Contract S019 (MTA Project Admin.) - The current cumulative ALFA forecast represents the portion of the projected estimate at completion costs in excess of the budgeted \$62.0 million carried under "Original Scope". The total ALFA overrun is currently projected at \$27.0 million with the total Administration costs cumulatively forecast at \$89.0 million for the July 1999 period.

METRO RED LINE Segment 3 North Hollywood

Monthly Project Status Report

Period Ending – July 1999



STATUS OF FUNDS ANTICIPATED

- FTA SECTION 3:** MTA submitted a grant application for \$61,624,426 of Section 3 Funds in January 1999 for the North Hollywood Project. Grant application is expected to be approved in August 1999. MTA submitted a grant application for \$7,940,000 of Section 3 Funds in January 1999 for the Reevaluation / Major Investment Study and Draft SEIS/EIR, and Conceptual Engineering of Cost Effective Alternatives for the East Side and the Mid City/Westside Transit Corridor studies. LONP approval was obtained on June 15, 1999 and grant approval is expected in August 1999.
- FTA SECTION 9
FED ISTEA/CMAQ:** Grant award was approved on August 27, 1997 for FY 96 CMAQ \$20 million for the East Side Project. Funds will not be available for drawdown until a revised Full Funding Grant Agreement (FFGA) is approved by FTA. MTA submitted a grant application on March 31, 1998 for \$20.7 million of CMAQ funds to be allocated to the North Hollywood Project. Grant was awarded and executed on February 8, 1999. Funds are available for drawdown.
- FTA SECTION 9
FED ISTEA/STP:** Grant award for \$75 million of STP funds was approved on August 27, 1997. Funds are now available for drawdown with the exception of \$25 million allocated to the Eastside Project. These funds will not be available for drawdown until a revised FFGA is approved by FTA. On July 13, 1999 MTA received \$124,344,400 of Section 9 STP funds for Segment 3 North Hollywood Project.
- STATE SHA:** MTA submitted on October 27, 1998 an allocation request to the CTC for \$6.5 million of SHA funds for the North Hollywood Project. CTC approved the allocation request in November 1998 but changed the color of money: \$5,754,400 STP - \$745,600 SHA. CTC approved in December 1998 an allocation request for \$15,410,000 of SHA funds. MTA received in February 1999 a fund transfer agreement from Caltrans for \$745,600 and received the \$15.41 million fund transfer agreement in July 1999. Both fund transfer agreements were executed in July.
- CITY OF LA:** A fund transfer agreement was executed on July 24, 1997 for a total amount of \$200 million. The first installment totaling \$55.44 million has been drawn down.
- BENEFIT
ASSESSMENT:** Funds are no longer expected due to passage of Prop. 218 (Right to Vote on Tax Initiatives).

METRO RED LINE Segment 3 North Hollywood
Monthly Project Status Report
Period Ending – July 1999

FINANCIAL DETAIL
METRO RED LINE NORTH HOLLYWOOD PROJECT
(IN MILLIONS OF DOLLARS)

SOURCE	{A}	{B}	{C}	{D}	{D/B}	{E}	{E/B}	{F}	{F/B}
	ORIGINAL BUDGET	TOTAL FUNDS ANTICIPATED (1)	TOTAL FUNDS AVAILABLE	\$	%	\$	%	BILLED TO FUNDING SOURCE \$	%
ORIGINAL SCOPE:									
FTA-SECTION 3	\$681.037	\$544.830	\$374.237	\$479.864	88%	\$428.252	79%	\$374.237	69%
FTA-SECTION 3 DEFERRED LOCAL SHARE		\$136.207	\$93.559	\$119.965	88%	\$107.063	79%	\$93.559	69%
FED ISTEA STP (STATE)	\$0.000	\$174.344	\$174.344	\$65.810	38%	\$50.000	29%	\$50.000	29%
FED ISTEA STP/CMAO (REGIONAL)	\$25.000	\$71.358	\$71.358	\$71.358	100%	\$71.358	100%	\$71.358	100%
FED ISTEA RSTP DEFERRED LOCAL SHARE		\$9.245	\$9.245	\$9.245	100%	\$9.245	100%	\$9.245	100%
SB 1995 TRUST FUND	\$53.000	\$66.690	\$66.690 (2)	\$66.690	100%	\$66.690	100%	\$66.690	100%
STATE SHA/ARTICLE XIX	\$115.000	\$64.811	\$49.401	\$64.811	100%	\$48.656	75%	\$48.656	75%
STATE PROP 116	\$0.000	\$57.652	\$57.652	\$57.152	99%	\$57.152	99%	\$57.152	99%
STATE TSM Match	\$0.000	\$10.537	\$10.537	\$10.537	100%	\$10.537	100%	\$10.537	100%
STATE FLEXIBLE CONGESTION RELIEF	\$0.000	\$26.000	\$26.000	\$26.000	100%	\$26.000	100%	\$26.000	100%
CITY OF LA	\$101.500	\$90.000 (3)	\$55.446	\$55.446	62%	\$55.446	62%	\$55.446	62%
PROP C	\$318.185	\$59.148	\$59.377	\$57.403	97%	\$57.403	97%	\$57.403	97%
BENEFIT ASSESS. DISTRICT	\$17.100	\$0.000 (5)	\$0	\$0	0%	\$0	0%	\$0	0%
TOTAL	\$1,310.822	\$1,310.822	\$1,047.846 (4)	\$1,084.281	83%	\$987.802	75%	\$920.283	70%
OTHER LOCALLY FUNDED ACTIVITIES:									
PROP C (ARTWORK)	\$0.000	\$2.435	\$0.954	\$1.467	60%	\$0.954	39%	\$0.954	39%
PROP C (NON-REV. CONNECTOR)	\$0.000	\$0.285	\$0.003	\$0.077	27%	\$0.003	1%	\$0.003	1%
TOTAL	\$0.000	\$2.720	\$0.957	\$1.544	57%	\$0.957	35%	\$0.957	35%

(1) Based on Current Budget. Allocation by funding source based on Dec 98 funding plan.

(2) Funds available have been reduced by \$7.3M due to usage of interest proceeds to other programs.

(3) Assumes the City of LA will contribute 7% of the total project cost.

(4) When funds available are lower than expenditures, Treasury uses the cash pool account to pay the unfunded balance. Once funds become available, Grant Accounting bills the appropriate funding source and Treasury reimburses the cash pool account.

(5) Benefit Assessment District funds are no longer expected due to passage of Prop 208 (Right to vote on tax initiatives)

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH JUNE 1999. EXPENDITURES ARE NOT FINAL UNTIL FY 99 IS CLOSED.



METRO RED LINE Segment 3 North Hollywood

Monthly Project Status Report

Period Ending - July 1999

FINANCIAL DETAIL METRO RED LINE TOTAL SEGMENT 3 PROJECT (IN MILLIONS OF DOLLARS)

SOURCE	(A) ORIGINAL BUDGET	(B) TOTAL FUNDS ANTICIPATED	(C) TOTAL FUNDS AVAILABLE	(D) COMMITMENTS \$	(D/B) %	(E) EXPENDITURES \$	(E/B) %	(F) BILLED TO FUNDING SOURCE \$	(F/B) %
ORIGINAL SCOPE:									
FTA-SECTION 3	\$1,317.912	\$1,133.192	\$438.097	\$543.724	48%	\$492.112	43%	\$438.097	39%
FTA-SECTION 3 DEFERRED LOCAL SHARE	\$98.578	\$283.298	\$109.524	\$135.930	48%	\$123.028	43%	\$109.524	39%
FED ISTEA STP (STATE)	\$25.000	\$199.344	\$174.344	\$65.810	33%	\$50.000	25%	\$50.000	25%
FED ISTEA STP/CMAQ (REGIONAL)	\$156.617	\$134.771	\$72.613	\$72.613	54%	\$72.613	54%	\$72.613	54%
FED ISTEA RSTP DEFERRED LOCAL SHARE	\$9.875	\$17.461	\$9.408	\$9.408	54%	\$9.408	54%	\$9.408	54%
SB 1995 TRUST FUND	\$53.000	\$66.690	\$66.690	\$66.690	100%	\$66.690	100%	\$66.690	100%
STATE SHA/ARTICLE XIX	\$165.000	\$104.811	\$49.401	\$64.811	62%	\$48.656	46%	\$48.656	46%
STATE PROP 116	\$87.300	\$57.652	\$57.652	\$57.152	99%	\$57.152	99%	\$57.152	99%
STATE FLEXIBLE CONGESTION RELIEF	\$26.000	\$50.000	\$0.000	\$0.000	0%	\$0.000	0%	\$0.000	0%
STATE TSM Match	\$11.142	\$17.042	\$10.537	\$10.537	62%	\$10.537	62%	\$10.537	62%
STATE CTIP	\$0.000	\$26.000	\$26.000	\$26.000	100%	\$26.000	100%	\$26.000	100%
CITY OF LA	\$136.244	\$163.444	\$55.446	\$55.446	34%	\$55.446	34%	\$55.446	34%
PROP C	\$677.318	\$789.047	\$133.158	\$162.956	21%	\$131.184	17%	\$131.184	17%
BENEF ASSESS. DISTRICT	\$17.100	\$0.000	\$0.000	\$0.000	0%	\$0.000	0%	\$0.000	0%
TOTAL	\$2,781.086	\$3,042.752	\$1,202.870	\$1,271.077	42%	\$1,142.826	38%	\$1,075.307	35%
OTHER LOCALLY FUNDED ACTIVITIES:									
PROP C (ARTWORK)	\$0.000	\$2.435	\$0.954	\$1.467	60%	\$0.954	39%	\$0.954	39%
PROP C (NON-REV. CONNECTOR)	\$0.000	\$0.285	\$0.003	\$0.077	27%	\$0.003	1%	\$0.003	1%
TOTAL	\$0.000	\$2.720	\$0.957	\$1.544	57%	\$0.957	35%	\$0.957	35%

(1) BASED ON CURRENT BUDGET

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH JUNE 1999. EXPENDITURES ARE NOT FINAL UNTIL FY 99 IS CLOSED.



ES-10

METRO RED LINE Segment 3 North Hollywood

Monthly Project Status Report

Period Ending - July 1999



Schedule

	Current Status	Change from Last Month
Current ROD	Jun 2000	-28 days
Design Progress	99.8%	+0.3%
Critical Path Float	-10 days	20 days
Construction Progress	83.2%	+0.1%

Current Critical Path Analysis

- Planned ROD: May 17, 2000
(Revenue Operation Date determined by MTA)
- Forecast ROD: June 1, 2000
(Revenue Operation Date determined by Master Schedule)
- FFGA ROD: December 2000
(Revenue Operation Date determined by Federal mandate)

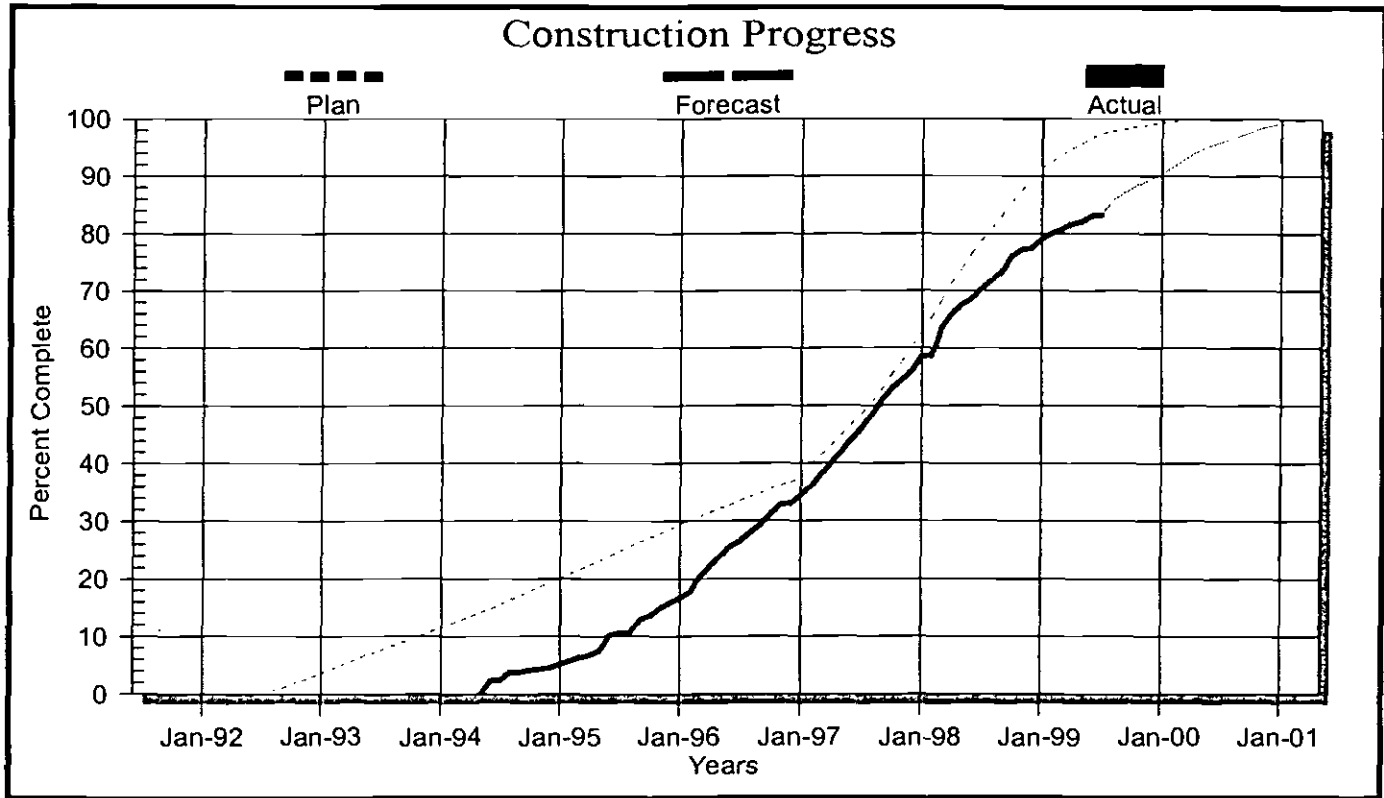
The July 1999 Master Schedule shows the project behind schedule with a forecast Revenue Operations Date of June 1, 2000. The current critical path for the project runs through B645 Transit Automatic Train Control and SCADA, Phase 2 testing, Pre-Revenue and ROD. The B645 contractor, Syseca submitted a recovery plan which is now reflected in the July 1999 Update. There has been a lack of progress by the Rail Activation Test Group for Phase 1 testing caused in part by a continuing commitment of resources to Segment 2B and systems prerequisites not completed in a timely manner.

B620 Automatic Train Control remains on the secondary critical path although progress has been made on ATC installation. Mitigation efforts are continuing for B646 Fire and Emergency Management and for H0648 Communications Installation. F&EM installation at C0301 is slipping beyond the forecast completion date and could affect testing if the trend continues.

METRO RED LINE Segment 3 North Hollywood

Monthly Project Status Report

Period Ending - July 1999



Construction Progress Analysis

The overall construction progress through July 1999 is 83.2% complete.

Contract B620 (Automatic Train Control) contractor completed installation of the 34.5 KV cable and fiber optic on July 13 and installation of communication cable in the AR tunnel. Continued ATC cable and wayside equipment installation from North Hollywood to Universal City stations.

Contract B645 (Transit Automatic Controls - TRACS) contractor continued to develop database, graphic displays and layout. Remote Terminal Unit cabinets continued to be fabricated.

Contract C0301 (Hollywood/Highland Station) commissioned Uninterruptible Power Supply.

Contract C0311 (Line Section from Universal City Station to Station 630+00) completed demobilization.

Contract C1610 (Trackwork Installation) Milestone #1, Contract Completion, met on July 13.

Contract H0631 (Traction Power System Installation) contractor completed installation of the DC rectifier and transformer at the Hollywood/Highland Station. DC equipment and cable testing is complete at the Universal City Station. The contractor has completed installation of the DC rectifier and rectifier transformer at the North Hollywood Station.

Contract H0648 (Communications Installation) contractor completed installation for the fire suppression system at the Universal City Station and completed installation of the remaining Fire and Emergency Management system

METRO RED LINE Segment 3 North Hollywood

Monthly Project Status Report

Period Ending - July 1999



(F&EM) at the North Hollywood Station. Installation of the closed circuit television device at North Hollywood Station was completed and is in progress at the Universal City Station. At the Hollywood/Highland Station, the contractor completed installation of the TC&C room cabinets and smoke detectors.

Contract MS201 (Hollywood Blvd. Restoration) completed finish work of terrazzo on Hollywood Blvd and Substantial Completion on July 9.

METRO RED LINE Segment 3 North Hollywood
Monthly Project Status Report
Period Ending - July 1999



Construction Safety Statistics

Project-to-Date-Rates	Current Status	Change from Last Month
Recordable Injury Rate		
National Average	10.6	
Project Rate (Cum.)	15.3	-0.1
Lost Time Rate (Freq.)		
National Average	4.2	
Project Rate (Cum.)	1.9	none

Recordable Injury Rate: The number of recorded injuries excluding simple first aid or minor medical treatment, per 100 man years.

Lost Time Incident Rate: The number of injuries resulting in days away from work, per 100 man years.

Construction Safety Summary

The project-to-date lost time injury rate continues to be less than one-half the national average of 4.2.

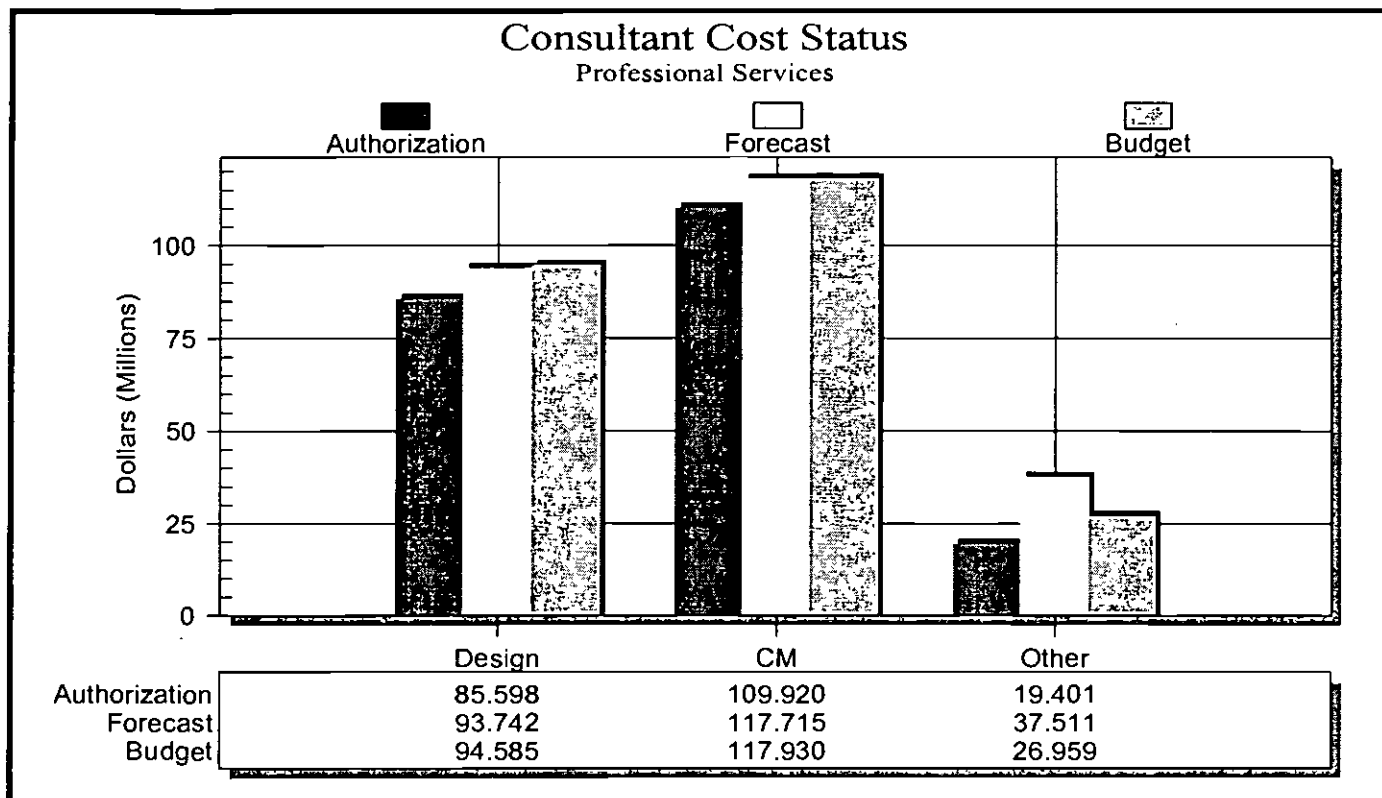
The project completed over 67,000 work hours during June. To date, the project has completed over 8,500,000 work hours.

Statistics reflect injuries through June 1999.

METRO RED LINE Segment 3 North Hollywood

Monthly Project Status Report

Period Ending - July 1999



Professional Services Cost Analysis

The authorization and forecast for the "Design," "Construction Management" and "Other" professional services did not change significantly this period. The changes represent executed change orders that were processed during the period. Authorizations will remain significantly below the budget and forecast until the necessity and scope of future services are finalized.

The forecast for the "Other" professional services is \$18.1 million above the current authorization due to pending and potential contract work orders, amendments and other cost exposures identified to date. The majority of the unknowns involve legal services. The services in this category include the following: Configuration Management, Systems Engineering and Analysis, Rail Vehicle Procurement Services, Environmental Services, Project Management Assistance, Legal Services, Construction Support Services, Labor Compliance Monitoring and Security Staffing.

METRO RED LINE Segment 3 North Hollywood
Monthly Project Status Report
Period Ending - July 1999



Management Issues

Ongoing Item (Date initiated: April 1999)
UNIVERSAL CITY SITE RESTORATION CONTRACTS

Concern/Impact

Procurement delays to the award of the Universal City Site Restoration contracts may impact the completion of the North Hollywood Extension project scope by the December 2000 FFGA required completion date.

Status/Action

A consolidated contract for the above work scope was issued under Contract C0326 for advertisement. The bid opening will be on August 6, 1999. A schedule was developed for the award and NTP of this contract to minimize the impact to the FFGA requirements. The Lankershim underpass from Universal City contract will be issued for bid the week of August 16. The current construction schedule as reviewed by Universal City has this contract finishing in the spring of 2001. A recommendation is being prepared for Universal City that will finish this contract the end of 2000.

Ongoing Item (Date initiated: March 1999)
SYSTEMS INTEGRATION TESTING

Concern/Impact

Additional delays to the revised testing plan due to management resources working for an extended period on Segment 2B and design changes to Contracts B645, B646 and H0648 have impacted ROD.

Status/Action

Phase 1 testing began July 19 at Universal City Station with limited resources. As previously scheduled, phase 1 testing at Universal City Station was to complete by August 20, but due to the lack of progress it is now projected to complete on September 20. The original plan by the Rail Activation Group (RAG) was to have three test teams but only two are currently available to perform tests. In order to meet ROD of May 17, 2000, it is projected that five test teams are required. The additional test teams will compensate for the overlap in testing and to recover delays.

Ongoing Item (Date initiated: February 1999)
CONTRACT B645, TRACS DELAYS

Concern/Impact

Lack of sufficient resources by the contractor has impacted the start of engineering and software development. Delays associated with this lack of resources and fire/life/safety design changes may impact the start of Phase II systems integration testing.

Status/Action

Project Office has been meeting with Syseca management and principals to develop a mitigation schedule that meet the requirements to achieve planned ROD. Syseca submitted a July 1999 schedule update with commitments to meet the planned ROD. The Project Office continues to require documentation (weekly) on how Syseca monitors progress toward the need dates. Syseca is committed to the first download date of October 18, 1999.

METRO RED LINE Segment 3 North Hollywood

Monthly Project Status Report

Period Ending - July 1999



Ongoing Item (Date initiated: March 1998)

PROJECT AGENCY COST FORECAST

Concern/Impact

Project administration costs have increased significantly because of the higher than originally budgeted overhead allocation rate being applied by Finance to the rail construction projects. Furthermore, levels of MTA staff assigned to the North Hollywood project have increased in areas such as Procurement and Management Audit Services in order to comply with various new legislative and administrative requirements. The result of these two trends is a substantial impact (\$27 million) to the forecasted cost to complete the project.

Status/Action

The project team is achieving reductions to this potential cost impact by focusing and controlling monthly staffing charges and allocations to the North Hollywood project. Presently, an increase to the project budget is not necessary since the projection of future costs associated with the above issues are subject to considerable variation over the period to complete and close out this project.

Resolved Item (Date initiated: February 1999)

CONTRACT B646, FIRE AND EMERGENCY MANAGEMENT (F&EM) LATE CHANGES

Concern/Impact

Delay of software development and deliveries at three of the five locations are due to late fire/life/safety design changes. Local field acceptance tests (LFATs) of the fire detection and suppression sub-systems have been impacted by the delay of software development and delivery of the devices followed by H0648 installation. Anticipated design changes may further impact this issue. The Phase I system integration testing (SIT) schedule may be impacted.

Status/Action

The Project Office and the contractor have agreed upon a mitigation plan that resequenced work with minimal impact to systems' contracts. LFATs are continuing and some SITs have started without CN-92 fire detection and suppression sub-systems implementation.

Resolved Item (Date initiated: February 1999)

CONTRACT B620 AUTOMATIC TRAIN CONTROL, SCHEDULE DELAYS

Concern/Impact

The contractor is forecasting a two-month delay to the schedule, due to access to C0311 tunnels from C1610 trackwork contractor and track level room from C0311 facility contractor. This impacts the dynamic testing program, which is critical in meeting ROD.

Status/Action

The MTA Board approved an acceleration plan. A change order will be issued in August 1999. The contractor will complete dynamic testing by February 23, 2000.