

34

34



OCTOBER 25, 1996

**TO: BOARD OF DIRECTORS**

**FROM: JOSEPH E. DREW, CHIEF EXECUTIVE OFFICER**

**SUBJECT: APPROVE CONTRACT AMENDMENT AND INCREASE TO AUTHORIZATION FOR EXPENDITURE FOR ENGINEERING MANAGEMENT SERVICES FOR THE METRO RED LINE NORTH HOLLYWOOD CORRIDOR**

Los Angeles County  
 Metropolitan  
 Transportation  
 Authority

One Gateway Plaza  
 Los Angeles, CA  
 90012

213.922.6000

Mailing Address:  
 P.O. Box 194  
 Los Angeles, CA 90053

**RECOMMENDATION**

Approve:

- a) Amendment No. 11 to Contract Work Order (CWO) No. 4 to Contract No. E0070 with the Engineering Management Consultant to incorporate Consultant Change Notice (CCN) 400.01 for design and engineering additions for the Metro Red Line North Hollywood corridor in the amount of \$414,689 which increases the total of CWO No. 4 value to \$78,968,637.
- b) an increase in the Authorization for Expenditure (AFE) in the amount of \$800,156 for a revised total AFE amount of \$80,968,637.

Within Construction Committee Approval  Yes  No

**ORGANIZATIONAL IMPACT**

This action will allow for the continuation of design support during construction for the North Hollywood Corridor.

**BUDGET IMPACT**

Funds for this action are available within the Board approved project budget of \$1,310,822,000. This action will increase the current final design value of \$78,553,948 to \$78,968,637. The final forecast cost of this contract including in process CN's and other anticipated changes for the North Hollywood Corridor is \$82,356,000. There is no impact to the North Hollywood Corridor project contingency, the MTA fiscal year budget, or other sources of funds.

Potential for cost recovery:  Yes  No

## **ALTERNATIVES CONSIDERED**

The Board has the option to disapprove this action which will delay the design and engineering necessary to maintain the current Project schedule for required widening of Lankershim Boulevard over the Los Angeles River near the Universal City station.

## **BACKGROUND**

The Engineering Management Consultant (EMC) is under contract to MTA to provide engineering management services on all Metro Rail projects. Work is issued to EMC using Contract Work Orders (CWOs). Each CWO is for a specific task and schedule, and each is negotiated in accordance with the Advance Cost Understanding contained in the EMC contract number E0070.

The services provided by the EMC under CWO No. 4 for the Metro Red Line Hollywood Corridor project is for final design and design support during construction. These services include the development and preparation of construction and procurement contract documents, construction support, equipment procurement support, equipment installation management services and activation of revenue service.

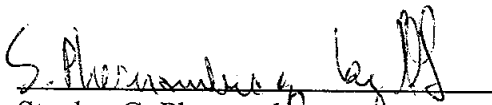
## **DBE PARTICIPATION**

The DBE goal for this contract was set at 27%. The EMC has committed to meeting the DBE goal.

## **ATTACHMENTS**

1 - Contract Value Status

Prepared by: Charles Stark, Project Manager, North Hollywood Extension

  
Stanley G. Phernambicq  
Executive Officer, Construction

**ATTACHMENT 1**  
**PROFESSIONAL SERVICES CONTRACT VALUE STATUS**

R82 - Metro Red Line - Segment 3 - North Hollywood

E0070 - PARSONS-BRINCKERHOFF/DMJM  
CONTRACT WORK ORDER #04 - AMENDMENT #11

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**PROJECT CUMULATIVE CWO VALUE FOR CONTRACT E0070**

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1. TOTAL INITIAL CWO VALUE:	\$5,000,000
2. TOTAL PREVIOUS AMENDMENTS:	\$73,553,948
3. TOTAL CURRENT CONTRACT VALUE (1 + 2)	\$78,553,948
4. VALUE OF THIS AMENDMENT	\$414,689
5. PROPOSED BOARD APPROVED CONTRACT VALUE (3 + 4)	\$78,968,637
6. STAFF APPROVED CCN NTE VALUE	\$436,400
7. CCN NTE'S INCLUDED IN AMENDMENT	\$0
8. CCN NTE'S IN OUTSTANDING CCN'S (6-7)	\$436,400
9. NEW CONTRACT EXPENDITURE CEILING (5 + 8)	\$79,405,037

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**AUTHORIZATION FOR EXPENDITURE STATUS : TOTAL PROJECT R82 E0070**

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10. EXPENDED TO DATE	\$56,961,420
11. UNEXPENDED CWO VALUE (9-10)	\$22,443,617
12. NTE ALLOWANCE (From Table)	\$2,000,000
13. PROPOSED AFE (5 + 12)	\$80,968,637
14. CURRENT AFE	\$80,168,481
15. AFE ADJUSTMENT REQUIRED (13-14)	\$800,156

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**BUDGET STATUS : TOTAL PROJECT R82 E0070**

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16. CURRENT CONTRACT BUDGET	\$82,657,000	
17. PROPOSED BOARD APPROVED CONTRACT VALUE	\$78,968,637	
18. OUTSTANDING CCN'S	\$1,388,467	as of 10/25/96
19. TRENDS AND CONTINGENCIES	\$1,998,896	
20. FORECAST FINAL COST (17 + 18 + 19)	\$82,356,000	as of [1]

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REVIEWED BY: 

\* AFE required to cover this amendment plus NTE commitments. Does not allow any additional NTE allowance.  
[1] Forecast will be revised at the end of

NOTE: Includes Art Program (R8K) costs for Segment-3 North Hollywood \$385,467

**ATTACHMENT 1**  
**PROFESSIONAL SERVICES CONTRACT VALUE STATUS**

R82 - Metro Red Line - Segment 3 - North Hollywood

E0070 - PARSONS-BRINCKERHOFF/DMJM  
CONTRACT WORK ORDER #04 - AMENDMENT #11

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**CWO STATUS: CONTRACT WORK ORDER 4.00**

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1. INITIAL CWO VALUE:	\$5,000,000
2. PREVIOUS AMENDMENTS	\$73,553,948
3. CURRENT CWO VALUE (1 + 2)	\$78,553,948
4. VALUE OF THIS AMENDMENT	\$414,689
5. PROPOSED BOARD APPROVED CWO VALUE (3 + 4)	\$78,968,637
6. STAFF APPROVED CCN NTE VALUE	\$436,400
7. CCN NTE'S INCLUDED IN AMENDMENT	\$0
8. CCN NTE'S IN OUTSTANDING CCN'S (6-7)	\$436,400
9. NEW CWO EXPENDITURE CEILING (5 + 8)	\$79,405,037

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REVIEWED BY:

*ms Williams*

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NOTE: Includes Art Program (R8K) costs for Segment-3 North Hollywood \$385,467

**ATTACHMENT #**  
**R82 Metro Red Line - Segment 3 - North Hollywood**  
**CONSULTANT CHANGE STATUS REPORT**  
**CONTRACT: E0070 - PARSONS-BRINCKERHOFF/DMJM**

AS OF 10/25/96

A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.
#	CCR #	CWO #	CCR TITLE	MTA BOARD APPROVED	--- THIS AMENDMENT --- CCRB APPROVED	NTE	----- OUTSTANDING ----- CCRB APPROVED	PENDING	NTE	CURRENT CCR ESTIMATE	WORK STATUS
CWO 4	ENGINEERING MANAGEMENT CONSULTANT (EMC)										INITIAL CWO VALUE: \$5,000,000.00
1	0.01	4	CWO #004 AMENDMENT # 001 (RECORD ONLY)	\$5,000,000						\$5,000,000	
2	0.02	4	CWO #004 AMENDMENT # 002 (RECORD ONLY)	\$57,228,653						\$57,228,653	
3	0.03	4	CWO #004 AMENDMENT # 003 (RECORD ONLY)	(\$2,900,148)						(\$2,900,148)	
4	5.00	4	ADDITIONAL PRELIMINARY ENGINEERING FOR MINED HIGHLAND STATION/C301								WITHDRAWN
5	15.00	4	ALTERNATE DESIGN STUDY (HOLLYWOOD/HIGHLAND STATION) BECHTEL CIVIL, INC.								WITHDRAWN
6	15.01	4	ALTERNATE DESIGN STUDY (HOLLYWOOD/HIGHLAND STATION) BECHTEL CIVIL, INC.								WITHDRAWN
7	28.00	4	ADDITIONAL WORK - HOLLYWOOD/SANTA MONICA FAULT STUDY (B251)								WITHDRAWN
8	30.00	4	PHASE III SEISMIC ANALYSIS OF MINED STATION HOLLYWOOD/HIGHLAND (C301)								WITHDRAWN
9	45.00	4	ALTERNATE STATION ENTRANCE CONCEPTS FOR JOINT DEVELOPMENT OPPORTUNITIES, SEGMENT 3 STATIONS								WITHDRAWN
10	60.00	4	ENGINEER'S ESTIMATE FOR SEGMENT - 3 VEHICLE PROCUREMENT	\$25,333						\$25,333	Completed
11	87.00	4	PARKING STRUCTURE RESTORATION, HOLLYWOOD/HIGHLAND STATION, (C0303)	\$37,964						\$37,964	Completed
12	91.00	4	HOLLYWOOD/HIGHLAND STATION, C0303 SITE PLAN	\$3,399						\$3,399	Completed
13	95.00	4	HOLLYWOOD/HIGHLAND STATION, REVISED ENTRANCE STRUCTURE (C0301)	\$92,185						\$92,185	Completed
14	96.00	4	HOLLYWOOD/HIGHLAND STATION (C0301), INTERIOR WALL OPENINGS								WITHDRAWN
15	97.00	4	HOLLYWOOD/HIGHLAND STATION (C0301) DEPARTMENT OF WATER AND POWER 34.5 KV EXTENSION (ECR# 2)	\$46,462						\$46,462	Completed
16	102.00	4	CONSTRUCTION MANAGEMENT SERVICES STAFF, NORTH HOLLYWOOD EXTENSION								WITHDRAWN
17	103.00	4	C0301 HOLLYWOOD/HIGHLAND STATION REVISION OF TUNNEL CONCRETE AND FINISH WORK	\$113,531						\$113,531	Completed

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**R82 Metro Red Line - Segment 3 - North Hollywood**  
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**CONTRACT: E0070 - PARSONS-BRINCKERHOFF/DMJM**

AS OF 10/25/96

A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.
#	CCR #	CWO #	CCR TITLE	MTA BOARD APPROVED	---THIS AMENDMENT---		----- OUTSTANDING -----			CURRENT CCR ESTIMATE	WORK STATUS
					CCR APPROVED	NTE	CCR APPROVED	PENDING	NTE		
18	104.00	4	HOLLYWOOD/HIGHLAND STATION (C0301), LA BREA CONSTRUCTION ACCESS SHAFTS	\$80,277						\$80,277	Completed
19	106.00	4	SUPPORT STAFF, NORTH HOLLYWOOD EXTENSION								WITHDRAWN
20	106.01	4	MTA SUPPORT STAFF FOR NORTH HOLLYWOOD EXTENSION (DENISE WELCH)								WITHDRAWN
21	107.00	4	NORTH HOLLYWOOD C0311 DELETION OF POCKET TRACK, SUBSEQUENT ADDITION OF TWO SINGLE CROSSOVERS, VARIOUS STUDIES AND OTHER REVISIONS								WITHDRAWN
22	107.01	4	DELETE POCKET-TRACK AND ADD TWO SINGLE CROSSOVERS IN C0311 (FACILITIES)								WITHDRAWN
23	107.02	4	C0311 - DELETE POCKET TRACK WITH CROSSOVER AND ADD TWO SINGLE CROSSOVERS								WITHDRAWN
24	107.03	4	C0311 - DELETE POCKET TRACK WITH CROSSOVER AND ADD TWO SINGLE CROSSOVERS								WITHDRAWN
25	107.04	4	C0311 - DELETE POCKET TRACK WITH CROSSOVER AND ADD TWO SINGLE CROSSOVERS								WITHDRAWN
26	108.00	4	HOLLYWOOD/HIGHLAND STATION, VENTILATION SHAFTS	\$95,478						\$95,478	Completed
27	109.00	4	HOLLYWOOD/HIGHLAND STATION, SANITARY SEWER (ECR'S# 1, 3 & 4)	\$55,793						\$55,793	Completed
28	110.00	4	WALK OF FAME STARS RELOCATION								WITHDRAWN
29	111.00	4	HOLLYWOOD/HIGHLAND STATION, EAST & WEST VENTILATION SHAFTS (C0301)								WITHDRAWN
30	113.00	4	REDESIGN OF MID-LINE VENT SHAFT & STRUCTURE (C0311)								WITHDRAWN
31	113.01	4	REDUCE MID-LINE VENT SHAFT SIZE FOR C0311								WITHDRAWN
32	113.02	4	C0311 - REDUCE MID-LINE VENT SHAFT SIZE								WITHDRAWN
33	113.03	4	C0311 - REDUCE MID-LINE VENT SHAFT SIZE								WITHDRAWN
34	113.04	4	C0311 - REDUCE MID-LINE VENT SHAFT SIZE	\$220,127						\$220,127	
35	116.00	4	CHANGED LIMITS OF CONTRACT (C0311)	\$195,928						\$195,928	Completed
36	120.01	4	TRANSFER OF BULK PROCUREMENT COSTS FROM SEGMENT 2 TO SEGMENT 3	\$448,500						\$448,500	Completed
37	122.00	4	ADDITION OF NON-REVENUE CONNECTOR	\$35,395						\$35,395	Completed

**ATTACHMENT #**  
**R82 Metro Red Line - Segment 3 - North Hollywood**  
**CONSULTANT CHANGE STATUS REPORT**  
**CONTRACT: E0070 - PARSONS-BRINCKERHOFF/DMJM**

AS OF 10/25/96

A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.
#	CCR #	CWO #	CCR TITLE	MTA BOARD APPROVED	---THIS AMENDMENT--- CCRB APPROVED	NTE	----- OUTSTANDING ----- CCRB APPROVED	PENDING	NTE	CURRENT CCR ESTIMATE	WORK STATUS
38	125.00	4	SURVEY OF CONTROL MONUMENTS FOR NORTH HOLLYWOOD EXTENSION	\$27,301						\$27,301	Completed
39	128.00	4	TEMPORARY SUMP DISCHARGE AT CROSSPASSAGE #39A (B251)	\$10,344						\$10,344	Completed
40	130.00	4	HOLLYWOOD/HIGHLAND STATION (C0301), FIRE SPRINKLERS								WITHDRAWN
41	131.00	4	RE-PACKAGING OF COMPLETED CONTRACT C0303 INTO TWO: UTILITY RE-ARRANGEMENT (BY DWP) & C0304 PARKING STRUCTURE RESTORATION	\$37,678						\$37,678	Completed
42	132.00	4	HOLLYWOOD/HIGHLAND STATION (C0301), MCCADDEN STRUCTURE/LATERAL LOADS	\$6,884						\$6,884	Completed
43	134.00	4	HOLLYWOOD/HIGHLAND STATION (C0301): PLANNING EARLY HOLLYWOOD/HIGHLAND STATION OPENING								WITHDRAWN
44	135.00	4	PRELIMINARY ENGINEERING FOR REVISED ENTRANCE AT UNIVERSAL CITY STATION (C0321)	\$122,562						\$122,562	Completed
45	142.00	4	CONSTRUCTION ACCESS AT SOLAR DRIVE SITE (C0311)	\$31,248						\$31,248	Completed
46	143.00	4	(C0326) UNIVERSAL CITY STATION ROADWAYS AND SITEWORK PRELIMINARY DESIGN	\$466,299						\$466,299	Completed
47	144.00	4	(C0326) UNIVERSAL CITY PROJECT STUDY REPORT FOR CALTRANS	\$330,121						\$330,121	In Process
48	157.00	4	HOLLYWOOD/HIGHLAND STATION (C0301), INCORPORATE C0304 INTO C0301	\$21,556						\$21,556	Completed
49	158.00	4	RECONFIGURE DEMOLITION CONTRACT (C0328)	\$34,005						\$34,005	Completed
50	164.00	4	PROVIDE PROJECT CONTROL AND RCC THIRD PARTY DEPARTMENT SUPPORT FOR SEGMENT - 3								WITHDRAWN
51	164.01	4	PROVIDE PROJECT CONTROL AND MTA THIRD PARTY DEPARTMENT SUPPORT FOR SEGMENT - 3 (FY-94)								WITHDRAWN
52	164.02	4	PROVIDE PROJECT CONTROL AND MTA THIRD PARTY DEPARTMENT SUPPORT FOR SEGMENT - 3								WITHDRAWN
53	164.03	4	PROVIDE PROJECT CONTROL AND MTA THIRD PARTY DEPARTMENT SUPPORT FOR SEGMENT - 3	\$55,758						\$55,758	Completed
54	174.00	4	CLAIMS SUPPORT - C0331	\$35,771						\$35,771	In Process
55	179.00	4	CERTIFICATION OF ADDITIONAL PROPERTIES AT UNIVERSAL CITY (C0326)	\$23,338						\$23,338	Completed

**ATTACHMENT #**  
**R8K MOS-3 Art Program - Construction**  
**CONSULTANT CHANGE STATUS REPORT**  
**CONTRACT: E0070 - PARSONS-BRINCKERHOFF/DMJM**

AS OF 10/25/96

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#	CCR #	CWO #	CCR TITLE	MTA BOARD APPROVED	---THIS AMENDMENT---		-----OUTSTANDING-----			CURRENT CCR ESTIMATE	WORK STATUS
					CCR APPROVED	NTE	CCR APPROVED	PENDING	NTE		
56	190.00	4	ART PROGRAM FOR HOLLYWOOD/HIGHLAND STATION CONTRACT C0301	\$128,859						\$128,859	Completed
57	191.00	4	ART PROGRAM FOR UNIVERSAL CITY STATION CONTRACT C0321	\$128,304						\$128,304	Completed
58	192.00	4	ART PROGRAM FOR NORTH HOLLYWOOD STATION CONTRACT C0351	\$128,304						\$128,304	Completed
59	195.00	4	EXCAVATION SUPPORT SYSTEM DESIGN (C0311)	\$25,928						\$25,928	Completed
60	199.00	4	AUTOMATIC SPRINKLER SYSTEM DESIGN IN UNDERGROUND STATION PUBLIC AREAS SEGMENT - 3 (C0321 AND C0351)	\$97,738						\$97,738	Completed
61	212.00	4	SUPPLEMENTAL TUNNEL ACCESS SHAFT (C0311)	\$50,474						\$50,474	Completed
62	217.00	4	DEFER MID-TUNNEL VENTILATION SHAFT AND STRUCTURE (C0311)	\$408,994						\$408,994	Completed
63	220.00	4	HOLLYWOOD/HIGHLAND STATION, TUNNELS AND LA BREA SHAFT SUPPLEMENTARY GEOTECHNICAL DESIGN SUMMARY REPORT (GDSR)	\$15,474						\$15,474	Completed
64	225.00	4	REPLACE POCKET TRACK WITH TWO SINGLE CROSSOVERS (C1610)								WITHDRAWN
65	227.00	4	C0331 MIDLINE VENT STRUCTURE REVISIONS FEASIBILITY STUDY								WITHDRAWN
66	230.00	4	STORAGE OF ROCK/SOIL SAMPLES FOR SEGMENT - 3 (CONVERSE CONSULTANTS WEST)								WITHDRAWN
67	237.00	4	C0351 NORTH HOLLYWOOD STATION - REVISION OF TAILTRACK - MODULE D	\$459,693						\$459,693	Completed
68	240.00	4	C0301 HOLLYWOOD/HIGHLAND STATION ALTERNATIVE STAGING AREA 2	\$18,644						\$18,644	
69	241.00	4	C0301 HOLLYWOOD/HIGHLAND - UTILITY WORK: POTHOLING	\$41,224						\$41,224	Completed
70	243.00	4	STORAGE OF ROCK/SOIL SAMPLES FOR SEGMENT - 3 (THE EARTH TECHNOLOGY CORPORATION)								WITHDRAWN
71	247.00	4	C0351 NORTH HOLLYWOOD STATION: APPENDAGE RELOCATION TO PROPERTY LINE	\$128,919						\$128,919	Completed
72	249.00	4	EXTEND TAIL TRACK AND MAINTENANCE ACCESS (C1610)								WITHDRAWN
73	249.01	4	(C1610/B620/B630/B641/B645/B646) EXTEND TAIL TRACK AND MAINTENANCE ACCESS								WITHDRAWN



**ATTACHMENT #**  
**R82 Metro Red Line - Segment 3 - North Hollywood**  
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AS OF 10/25/96

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#	CCR #	CWO #	CCR TITLE	MTA BOARD APPROVED	---THIS AMENDMENT--- CCRB APPROVED	NTE	-----OUTSTANDING----- CCRB APPROVED	PENDING	NTE	CURRENT CCR ESTIMATE	WORK STATUS
74	249.02	4	(C1610/B620/B630/B641/B645/B646) EXTEND TAIL TRACK AND MAINTENANCE ACCESS	\$57,927						\$57,927	Completed
75	250.00	4	HOLLYWOOD/HIGHLAND STATION (C0301): BRS OPENINGS AT MCCADDEN PLACE	\$34,378						\$34,378	Completed
76	251.00	4	(C0321) ADDITIONAL STATION ENTRANCE FOR UNIVERSAL CITY STATION	\$419,722						\$419,722	Completed
77	252.00	4	HOLLYWOOD/HIGHLAND STATION (C0301): UTILITY RE-PACKAGING								WITHDRAWN
78	252.01	4	INCORPORATE DEPARTMENT OF WATER AND POWER UTILITY CHANGES AT YUCCA STREET (C0301)	\$23,142						\$23,142	Completed
79	253.00	4	HOLLYWOOD/HIGHLAND STATION (C0301), ARCHITECTURAL-LED CHANGES - BECHTEL	\$35,641						\$35,641	Completed
80	254.00	4	HOLLYWOOD/HIGHLAND STATION (C0301) - TIME EXTENSION (BECHTEL)	\$84,367						\$84,367	Completed
81	255.00	4	HOLLYWOOD/HIGHLAND (C0301): WALK OF FAME STARS RELOCATION	\$27,054						\$27,054	Completed
82	256.00	4	DEFER C0331 MIDLINE VENT STRUCTURE	\$115,623						\$115,623	Completed
83	260.00	4	EXHIBIT ROCK SAMPLES								WITHDRAWN
84	280.00	4	C0351 NORTH HOLLYWOOD STATION - ADVANCED UTILITY RELOCATION	\$31,405						\$31,405	Completed
85	284.00	4	PROVIDE SUPPORT RELATED TO TUNNEL SETTLEMENT ALONG HOLLYWOOD BOULEVARD (B251)	\$476,746						\$476,746	Completed
86	285.00	4	STRUCTURAL SURVEY FOR DISTRESSED BUILDINGS ON HOLLYWOOD BOULEVARD IN THE VICINITY OF HOLLYWOOD/HUDSON (B251)	\$25,037						\$25,037	Completed
87	288.00	4	HOLLYWOOD/HIGHLAND STATION (C0301) - UTILITIES ADDENDUM - (BECHTEL)								WITHDRAWN
88	290.00	4	PHASE 1, UNIVERSAL CITY STATION TEMPORARY TREE RELOCATION PROGRAM (C0326)	\$19,921						\$19,921	Completed
89	296.00	4	RESTORATION OF NORTHSIDE OF HOLLYWOOD BOULEVARD BETWEEN WILCOX & CAHUENGA FOR SEGMENT - 3 (B251)								WITHDRAWN
90	300.00	4	HOLLYWOOD/HIGHLAND STATION (C0301): UTILITIES ADDENDUM - (EMC)	\$24,579						\$24,579	Completed

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#	CCR #	CWO #	CCR TITLE	MTA BOARD APPROVED	---THIS AMENDMENT--- CCRB APPROVED	NTE	----- OUTSTANDING ----- CCRB APPROVED	PENDING	NTE	CURRENT CCR ESTIMATE	WORK STATUS
91	301.00	4	C0351 NORTH HOLLYWOOD STATION - REVISION OF ELECTRICAL DUCT BANKS & FIRE HYDRANT LOCATION								WITHDRAWN
92	302.00	4	C0358 NORTH HOLLYWOOD STATION - SITE DEMOLITION								WITHDRAWN
93	304.00	4	RE-ADVERTISE CONTRACT C0301 - HOLLYWOOD/HIGHLAND STATION								WITHDRAWN
94	304.01	4	CONTRACT C0301 - HOLLYWOOD/HIGHLAND STATION - REVISE, ADD, REBID AND ADDENDA	\$158,251						\$158,251	Completed
95	305.00	4	PROVIDE PROJECT CONTROL AND RCC THIRD PARTY DEPARTMENT SUPPORT FOR SEGMENT - 3 (FY-95)								WITHDRAWN
96	305.01	4	TRANSFER SEGMENT - 1 MTA CONSTRUCTION MANAGEMENT SUPPORT TO SEGMENT - 3 (CHARLES MARICH)								WITHDRAWN
97	308.00	4	C0351 NORTH HOLLYWOOD STATION: RELOCATION OF BRS #1 AND REVISION OF FAI #2								WITHDRAWN
98	308.01	4	C0351 NORTH HOLLYWOOD STATION: RELOCATION OF BRS #1 AND REVISION OF FAI #2	\$53,075						\$53,075	Completed
99	312.00	4	C0329 UNIVERSAL CITY PHASE II SITE DEMOLITION	\$64,389						\$64,389	Completed
100	313.00	4	ENGINEERING SUPPORT FOR ACQUISITION OF LUCAS PROPERTY								WITHDRAWN
101	314.00	4	B251 - HOLLYWOOD BOULEVARD RESTORATION	\$211,768						\$211,768	In Process
102	320.00	4	O.G. REE - CONTRACT EXTENSION FOR SEGMENT - 3 NORTH HOLLYWOOD								WITHDRAWN
103	322.00	4	SANTA MONICA MOUNTAINS MIDLINE VENTILATION FACILITY CONTRACT C0312								WITHDRAWN
104	323.00	4	MTA STAFF SUPPORT FOR SEGMENT - 3 NORTH HOLLYWOOD								WITHDRAWN
105	323.01	4	MTA STAFF SUPPORT FOR SEGMENT - 3 NORTH HOLLYWOOD	\$21,528						\$21,528	Completed
106	330.00	4	C0351 NORTH HOLLYWOOD STATION REVISION OF MODULE "D" / RELOCATION OF BRS #3	\$43,500						\$43,500	Completed
107	336.00	4	REDESIGN MID-TUNNEL VENT BUILDING FOR C0311								WITHDRAWN
108	336.01	4	C0311 - REDESIGN MID-LINE VENT STRUCTURE								WITHDRAWN
109	336.02	4	C0311 - REDESIGN MID-LINE VENT STRUCTURE								WITHDRAWN

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AS OF 10/25/96

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#	CCR #	CWO #	CCR TITLE	MTA BOARD APPROVED	---THIS AMENDMENT---		-----OUTSTANDING-----			CURRENT CCR ESTIMATE	WORK STATUS
					CCR APPROVED	NTE	CCR APPROVED	PENDING	NTE		
110	336.03	4	C0311 - REDESIGN MID-LINE VENT STRUCTURE	\$468,978						\$468,978	
111	337.00	4	CREATE A SECTIONALIZED THIRD RAIL FOR C0311								WITHDRAWN
112	337.01	4	C0311 - CREATE A SECTIONALIZED THIRD RAIL								WITHDRAWN
113	337.02	4	C0311 - CREATE A SECTIONALIZED THIRD RAIL								WITHDRAWN
114	338.00	4	MTA PROJECT CONTROL STAFF SUPPORT FOR SEGMENT - 3	\$97,788						\$97,788	Completed
115	339.00	4	SUBWAY ENVIRONMENTAL SIMULATION (SES) ANALYSIS - BRS EFFECTIVENESS								WITHDRAWN
116	341.00	4	(B251) DESIGN AND ENGINEERING SERVICES DURING CONSTRUCTION OF BUILDING PROTECTION FOR LA REINA BUILDING, 7083 HOLLYWOOD BOULEVARD	\$84,644						\$84,644	Completed
117	344.00	4	C0312 - MID-LINE VENTILATION FACILITY - ALTERNATIVE DESIGN								WITHDRAWN
118	344.01	4	C0312 - MID-LINE VENTILATION FACILITY - ALTERNATIVE DESIGN								WITHDRAWN
119	344.02	4	C0312 - MID-LINE VENTILATION FACILITY - ALTERNATIVE DESIGN	\$96,523						\$96,523	
120	353.00	4	(C0311) RELOCATE TRACK-LEVEL ROOMS AND MODIFY VENT SHAFT & STRUCTURE								WITHDRAWN
121	353.01	4	C0311 - RELOCATE TRACK-LEVEL ROOMS, COMBINE TWO MID-LINE VENT SHAFTS INTO ONE SHAFT, MODIFY MID-LINE VENT STRUCTURE AND TRACKWORK ALIGNMENT								WITHDRAWN
122	353.02	4	C0311 - RELOCATE TRACK-LEVEL ROOMS, COMBINE TWO MID-LINE VENT SHAFTS INTO ONE SHAFT, MODIFY MID-LINE VENT STRUCTURE AND TRACKWORK ALIGNMENT								WITHDRAWN
123	354.00	4	C0311 INCREASE TUNNEL LIGHTING SPACING AND REDUCE VENT SHAFT DIAMETER-STUDY								WITHDRAWN
124	354.01	4	C0311 - PREPARE SECOND PRE-FINAL SUBMITTAL								WITHDRAWN
125	358.00	4	C0301 HOLLYWOOD/HIGHLAND STATION SECTION DESIGNER CLOSE OUT FOR ADDENDA WORK								WITHDRAWN
126	358.01	4	C0301 HOLLYWOOD/HIGHLAND STATION SECTION DESIGNER CLOSE OUT FOR ADDENDA WORK (TRENDS #18 & #25)	\$51,758						\$51,758	Completed

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AS OF 10/25/96

A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.
#	CCR #	CWO #	CCR TITLE	MTA BOARD APPROVED	---THIS AMENDMENT---		-----OUTSTANDING-----			CURRENT CCR ESTIMATE	WORK STATUS
					CCR APPROVED	NTE	CCR APPROVED	PENDING	NTE		
127	366.00	4	C0326 - UNIVERSAL CITY ROADWAYS AND SITE RESTORATION (GEOTECHNICAL INVESTIGATION)	\$179,008						\$179,008	Completed
128	367.00	4	C0326 - UNIVERSAL CITY FREEWAY BRIDGE COMPARATIVE STUDY	\$55,720						\$55,720	In Process
129	370.00	4	PERFORM MTA QUALITY AUDITS ON CONSTRUCTION CONTRACTS FOR SEGMENT - 3	\$29,252						\$29,252	In Process
130	372.00	4	C0331 ASCERTAIN CAPACITY OF EXISTING UTILITIES IN UTILITY MONITORING PITS	\$12,826						\$12,826	Completed
131	377.00	4	MTA SCHEDULING SUPPORT FOR SEGMENT - 3 NORTH HOLLYWOOD (R.J. CLINTON)								WITHDRAWN
132	384.00	4	PROVIDE MTA CONSTRUCTION SUPPORT FOR SEGMENT - 3 (CHARLES MARICH)								WITHDRAWN
133	384.01	4	PROVIDE MTA CONSTRUCTION SUPPORT FOR SEGMENT - 3	\$92,897						\$92,897	In Process
134	385.00	4	C0322 - UNIVERSAL CITY PEDESTRIAN OVERCROSSING	\$11,035						\$11,035	Completed
135	387.00	4	C0352 - NORTH HOLLYWOOD STATION SITEWORK RESTORATION - REVISED SCOPE	\$104,826						\$104,826	In Process
136	389.00	4	C0351 - NORTH HOLLYWOOD STATION - SECTION DESIGNER'S ECRS #18, 21, 22, 23, 25 & 27 FOR CHANGES DURING ADDENDA	\$66,316						\$66,316	Completed
137	391.00	4	SEGMENT - 3 FINAL DESIGN AND CONSTRUCTION SUPPORT FOR CORROSION CONTROL								WITHDRAWN
138	392.00	4	C0351 NORTH HOLLYWOOD BRS #1 & 2 SIZE REDUCTION	\$76,769						\$76,769	Completed
139	394.00	4	BDM ENGINEERING SERVICES SEISMIC ANALYSIS				\$602,400			\$602,400	Completed
140	399.00	4	C0321 NORTH HOLLYWOOD EXTENSION - UNIVERSAL STATION COST AND SCHEDULE CHANGES DUE TO VARIOUS DESIGN SCOPE REVISIONS	\$644,864						\$644,864	Completed
141	400.00	4	(C0322, C1326, C2326, C3326) N. HOLLYWOOD EXT. - UNIVERSAL CITY STATION ROADWAYS, SITE RESTORATION, LANKERSHIM BLVD PEDESTRIAN UNDERPASS FINAL DESIGN								WITHDRAWN
142	400.01	4	(C2326) NORTH HOLLYWOOD EXTENSION - UNIVERSAL CITY STATION L.A. RIVER BRIDGE WIDENING AT LANKERSHIM BLVD. - FINAL DESIGN		\$414,689					\$414,689	Not Started
143	401.00	4	(P000) BASELINE RESTORATION PLAN	\$41,736						\$41,736	In Process

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#	CCR #	CWO #	CCR TITLE	MTA BOARD APPROVED	---THIS AMENDMENT--- CCRB APPROVED	NTE	----- OUTSTANDING ----- CCRB APPROVED	PENDING	NTE	CURRENT CCR ESTIMATE	WORK STATUS
144	404.00	4	SEGMENT - 3 NORTH HOLLYWOOD PROJECT CONTROL STAFFING	\$200,697						\$200,697	Completed
145	405.00	4	NORTH HOLLYWOOD EXTENSION SURVEYING SERVICES	\$139,777						\$139,777	Completed
146	408.00	4	REVISIONS TO EMERGENCY MANAGEMENT PANEL	\$30,262						\$30,262	
147	409.00	4	ADDITIONS TO COMMUNICATIONS INSTALLATION	\$41,726						\$41,726	
148	410.00	4	ADDITION OF NON-REVENUE CONNECTOR AND EXTRA SECTIONALIZATION	\$110,796						\$110,796	
149	411.00	4	STATION CHANGES	\$113,933						\$113,933	
150	412.00	4	ADDITION OF POCKET TRACK AND PERMANENT ACCESS SHAFT AT NORTH HOLLYWOOD	\$113,175						\$113,175	
151	413.00	4	ADDITION OF TANDEM CROSS-OVERS	\$155,349						\$155,349	
152	414.00	4	ADDITION OF CHANGES TO STATION ENTRANCE AND PUBLIC AREA	\$109,541						\$109,541	
153	415.00	4	ADDITION OF BLAST RELIEF SHAFT AND VENT STRUCTURES	\$157,547						\$157,547	
154	416.00	4	RED LINE SEGMENT - 3 NOISE AND VIBRATION SERVICES								WITHDRAWN
155	422.00	4	C0351 NORTH HOLLYWOOD STATION - ACCESS SHAFT EXTENSION	\$81,404						\$81,404	In Process
156	423.00	4	C0311 - DELETE NON-REVENUE CONNECTOR STUB FOR THE SANTA MONICA BOULEVARD CORRIDOR								WITHDRAWN
157	429.00	4	MTA CONSTRUCTION MANAGEMENT SUPPORT FOR NORTH HOLLYWOOD EXTENSION	\$194,583						\$194,583	Completed
158	430.00	4	CONSTRUCTION MANAGEMENT SUPPORT FOR RED LINE SEGMENT - 3	\$9,869						\$9,869	Completed
159	443.00	4	DELETION OF NON-REVENUE CONNECTOR (C0311) SOFT GROUND TUNNELING (B251/C0311)	\$41,694						\$41,694	Not Started
160	445.00	4	RED LINE SEGMENT-2 AND SEGMENT-3 NORTH HOLLYWOOD TRAINWAY FEEDER ALTERNATIVE SUPPLY DESIGN MOD (R82 ALLOCATION ONLY)	\$13,377						\$13,377	Not Started
161	457.00	4	C0351 NORTH HOLLYWOOD STATION - FUTURE PUBLIC RESTROOMS	\$28,320						\$28,320	Not Started
162	458.00	4	C0327 UNIVERSAL CITY STATION DEMOLITION FOR STATION ACCESS ROAD				\$67,078	\$64,000		\$67,078	

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#	CCR #	CWO #	CCR TITLE	MTA BOARD APPROVED	---THIS AMENDMENT---	NTE	-----OUTSTANDING-----	PENDING	NTE	CURRENT CCR ESTIMATE	WORK STATUS
163	483.00	4	NOISE AND VIBRATION STUDIES DURING CONSTRUCTION FOR SEGMENT 3					\$58,073	\$17,400	\$58,073	
164	484.00	4	CORROSION CONTROL SERVICES DURING CONSTRUCTION FOR SEGMENT 3				\$234,900			\$234,900	Not Started
165	489.00	4	SEGMENT 2/SEGMENT 3 ENGINEERING COST TRANSFERS								WITHDRAWN
166	495.00	4	C6400 YARDS AND SHOPS - UTILITY RELOCATION				\$2,600	\$2,600		\$2,600	
167	496.00	4	REVISION TO C1610 TRACKWORK INSTALLATION CONTRACT SCOPE OF WORK				\$68,800	\$68,800		\$68,800	
168	497.00	4	DELETION OF PORTION OF WORK FROM THE MORRISON-KNUDSEN, SEG 2B, B610 TRACKWORK INSTALLATION CONTRACT B620 MODIFICATION				\$11,000	\$11,000		\$11,000	
169	501.00	4	C0321 CONTRACT: REDUCTION OF BLAST RELIEF SHAFT #2				\$35,200	\$35,200		\$35,200	
170	502.00	4	COST TRANSFER - SEGMENT 2 TO SEGMENT 3 (B251 & MINED STATION)	\$4,317,781						\$4,317,781	Not Started
171	503.00	4	C0351 - NORTH HOLLYWOOD STATION: CHANGE IN EXISTING STREET & BENCHMARK ELEVATIONS				\$62,716	\$62,400		\$62,716	Not Started
172	510.00	4	B251-VERMONT/HOLLYWOOD TUNNEL SEISMIC ANALYSIS OF TUNNEL STARTER WALL CONSTRUCTION JOINT								WITHDRAWN
173	518.00	4	C0331 - UNIVERSAL CITY TO NORTH HOLLYWOOD LINE TUNNELS: MITIGATE TUNNEL MISALIGNMENT				\$57,500	\$30,000		\$57,500	
174	524.00	4	DELETE FROM C0311 CLOSURE OF NORTH ACCESS AND LA BREA SHAFTS				\$20,000	\$5,000		\$20,000	
175	531.00	4	B251 VERMONT/HOLLYWOOD TUNNEL - HOLLYWOOD BLVD RESTORATION, WEST OF VINE STATION				\$100,000	\$40,000		\$100,000	Not Started
176	533.00	4	PROVIDE BUDGET ALLOWANCE FOR SPECIAL STUDIES AND VALUE ENGINEERING TO BE PERFORMED DURING THE CONSTRUCTION PHASE				\$98,000	\$50,000		\$98,000	In Process
177	535.00	4	COST SCHEDULE SUPPORT SERVICES				\$50,000	\$50,000		\$50,000	Not Started
178	9002.00	4	C0351 NORTH HOLLYWOOD STATION - REVISION OF ELECTRICAL DUCT BANKS & FIRE HYDRANT LOCATION	\$8,735						\$8,735	Completed
179	9002.01	4	C0358 NORTH HOLLYWOOD STATION - SITE DEMOLITION	\$12,408						\$12,408	Completed

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#	CCR #	CWO #	CCR TITLE	MTA BOARD APPROVED	---THIS AMENDMENT--- CCRB APPROVED	NTE	-----OUTSTANDING----- CCRB APPROVED	PENDING	NTE	CURRENT CCR ESTIMATE	WORK STATUS
180	9002.02	4	RE-ESTABLISHMENT OF SURVEY MONUMENT MRB27	\$2,581						\$2,581	Completed
181	9002.03	4	C0351 - NORTH HOLLYWOOD STATION - SECTION DESIGNER'S (ECR'S #4, 9 & 10)	\$13,103						\$13,103	Completed
<b>SUBTOTAL CWO 4 ENGINEERING MANAGEMENT CONSULTANT (EMC)</b>				<b>\$73,553,948</b>	<b>\$414,689</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,468,267</b>	<b>\$436,400</b>	<b>\$75,436,904</b>	
<b>TOTALS R82 E0070</b>				<b>\$73,553,948</b>	<b>\$414,689</b>	<b>\$0</b>		<b>\$1,468,267</b>	<b>\$436,400</b>	<b>\$75,436,904</b>	
				97	1		0	14			69 CANCELED