



**Metro**

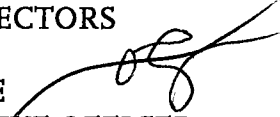
Metropolitan Transportation Authority


One Gateway Plaza  
Los Angeles, CA 90012-2952

213.922.2000 Tel  
metro.net

November 21, 2005

TO: BOARD OF DIRECTORS

THROUGH: ROGER SNOBLE   
CHIEF EXECUTIVE OFFICER

FROM: RICHARD D. THORPE   
CHIEF CAPITAL MANAGEMENT OFFICER  
CONSTRUCTION PROJECT MANAGEMENT

SUBJECT: BOARD REQUESTED MONTHLY UPDATE ON CONTRACT  
MODIFICATIONS FOR METRO ORANGE LINE CONTRACTS -  
PERIOD ENDING OCTOBER 2005

ISSUE

With the February 2003 adoption of the Project Budgets for the Metro Orange Line Busway and Bikeway Projects, the Board of Directors requested that a monthly update for the construction contracts showing all executed and pending Contract Modifications and remaining Contract Modification authority value be sent to the Construction Committee for their information. The Contract Modification Report in Attachment A reflects the status of the Design/Build contract with Shimmick Construction Co., Inc./Obayashi Corporation, J.V., for the Orange Line Busway and Bikeway Projects, as of the end of October 2005.

RATIONALE

On February 27, 2003, the Board of Directors approved the adoption of the budgets for the Metro Orange Line Busway for a baseline value of \$329,500,000 and the Metro Orange Line Bikeway for a baseline value of \$8,100,000. On July 22, 2004, the Board of Directors adopted a budget increase for the Metro Orange Line Bikeway for a new baseline value of \$10,637,860.

On March 24, 2005, the Board of Directors approved the transfer of the previously authorized \$16,500,000 allowance from Metro Orange Line Busway to a new Canoga Station/Park-and-Ride Project, adopting a budget decrease for the Busway for a new baseline value of \$313,000,000.

## STATUS

During the month of October 2005, there were six new executed Contract Modifications and two new executed Change Orders (Not-to-Exceed).

CM/CO/CN	Change Notice Description	Value
CM 102/CN76.00	Modify Station signage for public convenience, public safety and to standardize terminology for Orange Line	\$ 19,280
CM 91.01/CN88.01	Realignment of storm drain at Hazeltine Avenue to avoid impacting structural integrity of County storm drain at connection point.	\$ 65,299
CM 86.01/CN105.01	Delete portion of soundwall near Burbank & Fulton to allow for potential future parking as agreed with adjacent business owner	\$ (15,082)
CM 98.00/CN113.00	Modify station identification sign names at Pierce College/Winnetka, Woodman/Valley Glen, and Laurel Canyon/Valley Village to standardize terminology	\$ 5,725
CM 104.00/CN131.00	Modify signage at all stations to meet current Metro signage system standards	\$ 8,400
CM 106.00/CN133.01	Construct Erwin Street improvements including traffic island at Park-and-Ride entrance to mitigate community concerns regarding cut through traffic in residential area	\$ 25,123
CO/CN 140.00	Furnish and install additional back of platform fencing at three stations to mitigate potential safety hazards	\$ 18,500
CO/CN 141.00	Replace existing light pole northwest corner of Chandler blvd (North) and Coldwater Canyon with a new foundation and light pole in a new location to increase pedestrian safety	\$ 5,000

To date, for the busway and bikeway scope of work, there are 88 executed Contract Modifications for a combined value of \$9,889,823 and 39 approved Change Orders issued for a combined value of \$ 4,021,253. The total value of all Contract Modifications and Change Orders as of this report is \$13,911,076 as shown in Attachment A.

This Report does not include the \$7,900,000 for the Delay Mitigation Agreement for acceleration costs to mitigate owner delays to the C0675 Design/Build Contractor.

The LADWP Recycled Water Pipeline effort has been completed under authorized budget. There were four Contract Modifications issued to Contract No. C0675 for a total of \$1,304,686 against the Board authorized value of \$2,500,000.

## NEXT STEPS

Provide the Board the Contract Modification Report for period ending November 2005.

## ATTACHMENT

A. Contract No. C0675 Design/Build Contract Modification Report

**ATTACHMENT A  
METRO ORANGE LINE  
CONTRACT MODIFICATION REPORT**

**CONTRACT C0675, DESIGN BUILD - SHIMMICK -OBAYASHI, JV**

**Current Contract Authorization for Modifications:**

**17,342,002**

Less Executed Modifications:

<u>Mod #</u>	<u>CN #</u>	<u>Description</u>	
7.00	3.00	DELETE WORK ASSOCIATED WITH PARKING LOT AT TYRONE AND BESSEMER AVENUES (Deductive Change)	(74,280)
2.00	5.00	DELETE AERIAL PHOTOGRAPHY & WORK ASSOCIATED WITH SECTION 1380.DB-2.3 (Deductive Change)	(10,395)
22.00	6.00	UPGRADE LOS ANGELES BUREAU OF STREET SERVICES (BSS) ACCESS ROAD EASEMENT- DESIGN AND CONSTRUCTION (remaining effort for construction not in 6.01)	182,575
14.00	6.01	UPGRADE LABSS ACCESS ROAD EASEMENT (DESIGN)	25,322
6.00	7.00	MODIFY R VALUES AT CERTAIN LOCATIONS	40,614
4.00	8.00	DELETION OF TWO TRAFFIC SIGNAL CONTROLLERS (Deductive Change)	(35,831)
21.00	9.00	REPLACE THE EXISTING SIGNAL HEADS FROM INCANDESCENT LAMP USE WITH LIGHT EMITTING DIODES (Initial Start of Design)	450,533
3.00	11.00	LABOR COMPLIANCE MANUAL	0
41.01	12.04	INCORPORATE RUBBERIZED ASPHALT PAVEMENT	138,980
9.00	13.00	DELETION OF DESIGN & INSTALLATION OF RACEWAY & FIBER OPTIC CABLE IN USG P-2 AREA (Deductive Change)	(21,076)
77.00	14.02	CONSTRUCTION OF ADDITIONAL SIGNALIZED INTERSECTION AT CHANDLER BLVD SOUTH & LEGHORN AVE IN THE CITY OF LA	156,000
77.00	14.05	DESIGN OF THE NEW SIGNALIZED INTERSECTION AT CHANDLER BLVD SOUTH & LEGHORN AVE IN THE CITY OF LA	0
92.00	14.06	DESIGN OF THE NEW SIGNALIZED INTERSECTION AT CHANDLER BLVD SOUTH & LEGHORN AVE IN THE CITY OF LA	40,000
8.00	16.00	REMOVE UNSUITABLE MATERIAL ON ROW NEAR CEDROS AVE.	29,037
72.00	20.00	REVISION OF SOUNDWALL LIMITS ADJACENT TO CROSS STREETS	203,508
72.00	20.01	DESIGN WORK AUTHORIZATION FOR CN 20.00 REV OF SOUNDWALL LIMITS	0
11.00	21.00	REMOB OF DEMO CONTRACTOR DUE TO UTILITY DISCONNECT	4,760
5.01	22.01	ROW MODIFICATION BETWEEN VINELAND AVE & FAIR AVE	2,040
57.00	24.02	AUTHORIZE DESIGN WORK ON DIVISION 8 MODIFICATIONS	42,285
29.00	27.00	BIKE PATH ENHANCEMENTS	295,415

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<u>Mod #</u>	<u>CN #</u>	<u>Description</u>	
39.00	28.02	MODIFY BUSWAY HORIZONTAL ALIGNMENT AT I-405	35,000
27.00	29.00	SYSTEMS PASSENGER INFO SYSTEM SOFTWARE MODEL	92,661
31.00	30.00	COMMUNICATIONS EQUIPMENT FOR FUTURE CANOGA AVENUE PARK & RIDE STATION	473,218
71.00	31.01	REVISED MAP CASE DRAWINGS TO SUPERSEDE EXHIBIT 3-3	103,690
59.00	32.00	ADD DISPUTES REVIEW BOARD TO CONTRACT	200,000
17.00	33.00	COMPENSATION FOR REMOB OF PARCEL DEMO 1801, 2201 & 2202	9,520
19.00	34.00	REVISE TRAFFIC INDEX (TI) & REDESIGN ASPHALT CONCRETE PAVEMENT FOR BUSWAY PORTIONS (STA646+83 TO 726+30)	88,500
18.00	36.00	PARTNERING REIMBURSEMENT FOR CHARLES E. COWAN	40,000
18.01	36.01	PARTNERING REIMBURSEMENT FOR CHARLES E. COWAN	40,000
26.00	38.04	COMMUNITY LANDSCAPE ENHANCEMENT	1,030,238
32.00	39.00	IMPROVEMENTS TO USE TYRONE AS A STREET (WIDENING)	51,669
20.01	40.01	UPGRADE BUSWAY THERMOPLASTIC EDGE STRIPING TO RAISED INVERT PROFILE THERMOPLASTIC STRIPING	35,727
55.00	43.00	FENCING FOR HAZARDOUS SOILS	41,069
97.00	44.01	TEMPORARY CHAIN LINK FENCING ALONG THE RIGHT OF WAY	206,603
97.00	44.02	NTE INCREASE: TEMP CHAIN LINK FENCING ALONG THE ROW	0
36.00	45.00	MODIFICATIONS AT VICTORY / VARIEL TO ACCOMMODATE THE CANOGA AVE PARK AND RIDE FACILITY	46,002
35.00	46.00	LANDSCAPING AND IRRIGATION MODIFICATIONS AT VICTORY/VARIEL TO ACCOMMODATE THE CANOGA AVENUE PARK AND RIDE FACILITY	2,814
37.00	47.00	FURNISH AND INSTALL STORM DRAINAGE SYSTEM BETWEEN TYRONE AND HAZELTINE AVENUES.	1,299,825
48.00	49.00	REDWOOD HEADERS	400,659
23.00	51.00	EXPAND LIMITS OF CONSTRUCTION AT VESPER AVE.	15,492
28.00	52.00	MODIFICATIONS TO UNIVERSAL FARE COLLECTION COMMUNICATION INTERFACE	48,505

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<u>Mod #</u>	<u>CN #</u>	<u>Description</u>	
81.01	53.01	LADOT BETTERMENT AT RESEDA, CORBIN AND WILBUR (bal of estimated costs)	233,268
30.00	54.00	REVISED SOUNDWALL LIMITS	79,815
34.00	57.00	STATION AND CANOPY MATERIALS AT CANOGA AVENUE (WARNER CENTER PARK-N-RIDE)	861,829
79.00	60.00	LENGTHEN THE NORTH HOLLYWOOD TURNAROUND	29,712
61.00	62.00	REVISE FIELD LAYOUT OF SAV MACHINES ON STATION PLATFORMS TO FORM A 'VIRTUAL GATE'	55,018
33.01	63.00	LANDSCAPING SOIL TESTING FOR AMENDMENTS	1,500
42.01	63.03	LANDSCAPING - PLANT HOLE SIZE INCREASE	59,985
49.01	63.05	LANDSCAPING - UNIT COSTS: BACKFILL AMENDMENTS & PLANT REPLACEMENT	990,000
43.00	65.00	BESSEMER AVE/TYRONE AVE STORM DRAIN SYSTEM CONNECTIONS	49,750
64.00	67.00	DELETE THE WORK ASSOCIATED WITH THE PLACEMENT OF 7-FOOTINGS AT THE WARNER CENTER TRANSIT HUB (deductive change)	(5,276)
67.00	68.00	REDESIGN SOUNDWALL DUE TO CONFLICT WITH 22" GAS LINE	43,707
67.00	68.01	REDESIGN SOUNDWALL DUE TO CONFLICT WITH 22" GAS LINE	0
62.00	69.00	MITIGATE CONSTRUCTION IMPACTS AT OXNARD AVE. AND DEVELOP TRAFFIC CONTROL PLAN	25,000
47.00	71.00	FURNISH EIGHTEEN CHANNEL CONFLICT MONITORS	30,702
53.00	73.01	MITIGATE COMMUNITY IMPACTS RELATED TO THE MASON AVE. INTERSECTION	22,036
54.00	74.01	MITIGATE COMMUNITY IMPACTS RELATED TO THE DRIVEWAY WORK NEAR THE KESTER AVE. INTERSECTION	12,307
102.00	76.00	MODIFY STATION SIGNAGE	19,280
40.00	79.00	DIVISION 8 OVERHEAD CRANE MATERIAL COST INCREASE	85,800
63.00	80.00	MITIGATE COMMUNITY IMPACTS RELATED TO THE HAZELTINE AVE. INTERSECTION	25,000
50.00	81.00	EXPAND LIMITS OF CONSTRUCTION AT COLFAX AVENUE	10,136
50.00	81.01	EXPAND LIMITS OF CONSTRUCTION AT COLFAX AVENUE (scope clarification)	0

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<u>Mod #</u>	<u>CN #</u>	<u>Description</u>	
56.00	82.00	ACCOMMODATE BUSWAY MEDIA EVENT OCT 15, 2004	6,350
65.00	84.00	CONSTRUCT SIDEWALK. C&G, PAVEMENT & IMPROVEMENTS ON CHANDLER BLVD NORTH	115,989
45.00	85.00	CHANGE FOR L.E.D. "BUS COMING" SIGN.	7,891
85.00	85.01	PEDESTRIAN BUS COMING SIGN	10,144
66.00	86.00	POWER CONDUIT & PEDESTAL INSTALLATION AT WARNER CENTER TRANSIT HUB	20,827
91.01	88.01	RE ALIGNMENT OF STORM DRAIN AT HAZELTINE AVENUE	65,299
93.00	90.00	DELETE MEDIAN BREACH AT OXNARD ST AND VENTURA CANYON AVE (deductive change order)	(9,000)
51.00	91.00	FLOOD PRE-EMPTION SYSTEM AT VICTORY BLVD PER RFC-89	23,398
46.02	92.02	EXCUSABLE AND COMPENSABLE DELAYS (CANCEL MOD 46.01)	0
80.00	94.00	DESIGN AND CONSTRUCT EIGHT ADDITIONAL LOOP DETECTORS AT THE WOODLEY / BUSWAY INTERSECTION (bal of estimated costs)	15,894
68.00	95.00	TEMPORARY RESTROOM FACILITY AT NORTH HOLLYWOOD STATION	11,000
88.00	96.00	MODIFY BACKFILL FOR STORM DRAIN AT HAZELTINE AVE AND TYRONE AVE.	28,600
52.00	97.00	REMOVE TEMPORARY CHAIN LINK FENCE	91,025
78.00	98.01	SOUNDWALL SPARE PARTS (bal of estimated costs)	62,472
76.00	102.01	BIKE LOCKER AND RACK INSTALLATION DELETION	(27,600)
89.00	104.00	BUS DETECTION WITH FLASHING BEACONS BETWEEN BALBOA AND SEPULVEDA STATIONS	71,800
86.01	105.01	DELETE PORTION OF SOUNDWALL NEAR BURBANK & FULTON (ref COD-43)	(15,082)
75.00	106.00	ALL CALIFORNIA NATIVE PLANTS IN SEPULVEDA BASIN PALLETTE AREA (SBPA)	87,995
94.00	107.00	REFLECTIVE PAVEMENT MARKERS (CLAIM 15)	25,665
95.00	110.00	DIRECTION TO MODIFY BALBOA PARK N RIDE (CLAIM 38)	15,436
98.00	113.00	MODIFY STATION NAMES FOR THREE STATIONS	5,725

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73.00	117.01	ACCELERATE LANDSCAPE WORK TO MEET ORANGE LINE REVENUE OPERATIONS DATE	898,500
101.00	119.00	CONSTRUCT NEW DRIVEWAY NEAR BESSEMER AVE / TYRONE AVE PER CO 51	11,917
70.00	120.01	MODIFY STATEMENT OF WORK VOLUME II, PART A, SUBSECTION 11.5.1	0
74.01	121.01	TIME EXTENSION FOR RAIN IN EXCESS OF 18 DAYS FOR PERIOD OF DECEMBER 2004 TO MARCH 2005	0
83.01	126.01	ADDITIONAL SIGNAGE MODIFICATIONS	0
84.00	127.00	LABOE OXNARD-BUFFALO WIDENING (CLAIM 25.00)	30,000
90.00	128.00	DELETE REQUIREMENTS TO FURNISH THREE ELECTRIC SCISSORS LIFTS AT DIVISION-8	(130,159)
96.00	129.00	MODIFY BIKEWAY LIGHT POLES TO FACILITATE HANDHOLE ACCESS	62,266
103.01	130.01	DIRECTED CHANGES 230KV LINE (CLAIM 35.00)	9,700
104.00	131.00	SIGNAGE MODIFICATIONS	8,400
106.00	133.01	(UNILATERAL) CONSTRUCT ERWIN STREET IMPROVEMENTS	25,123
<b>Total Modifications:</b>			<b>9,889,823</b>

Less Total Approved Change Orders (NTE's):

<u>Change Notice #</u>	<u>Description</u>	
1.01	EXPAND OFFICE SPACE FOR INTEGRATED PROJECT MANAGEMENT OFFICE (Unilateral)	181,043
19.01	SEPULVEDA PARK AND RIDE MODIFICATIONS	8,000
25.00	REPLACE PVC CONDUIT W/ HDPE CONDUIT & OTHER REQUIREMENTS (Unilateral Deductive Change)	(441,115)
15.00	35.01 REVISED TRAFFIC INDEX (TI) FOR BUSWAY PAVEMENT	600,000
	35.02 REVISED TRAFFIC INDEX (TI) FOR BUSWAY PAVEMENT (UNILATERAL)	498,764
41.00	REMOVAL OF CONTAMINATED SOILS FOR LANDSCAPING	90,000
41.01	NTE INCREASE: REMOVAL OF CONTAMINATED SOILS FOR LANDSCAPING	900,000
48.00	SCHEDULE MITIGATION REQUIRED FOR CONTAMINATED SOILS	90,000
48.01	NTE INCREASE: SCHEDULE MITIGATION REQUIRED FOR CONTAMINATED SOILS	190,000

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**17,342,002**

Less Total Approved Change Orders (NTE's): (continued)

Change Notice # Description

25.00	50.00	SCOPE OF WORK CHANGE TO MILESTONE NO. 2	0
	56.00	TEMPORARY OR PERMANENT FENCING	90,000
	58.00	SCHEDULE MITIGATION REQUIRED FOR TRAFFIC INDEX CHANGE	300,000
	64.00	ACCELERATE THE WORK AT THE WOODMAN AVE INTERSECTION	30,000
	64.01	ACCELERATE THE WORK AT THE WOODMAN AVE INTERSECTION	15,000
	66.01	REDESIGN 100% SEPULVEDA PARK AND RIDE	67,430
	70.01	RESPONSE TO RFC 1.09 CITY DELAYS TO INTERSECTION GRP 1 (MODIFICATION TO CHANDLER BLVD.)	30,000
	72.00	STANDBY AND SAFETY WORK RELATED TO WORK SUSPENSION	600,000
	72.01	ADDL AUTHORIZATION: STANDBY AND SAFETY WORK RELATED TO WORK SUSPENSION	390,000
	77.00	REVISED SOIL RE-USE CRITERIA FOR LEAD AND ARSENIC (zero cost administrative change)	0
	77.01	REVISED SOIL RE-USE CRITERIA FOR LEAD AND ARSENIC (zero cost administrative change)	0
	87.00	DESIGN AND CONSTRUCT BARRIER W/ FENCE NEAR BALBOA BLVD. (MOSS PROPERTY)	4,000
	93.02	REVISE CURB RETURN AT THE SOUTHWEST CORNER OF THE BUSWAY AND SEPULVEDA BLVD.	59,886
	99.02	ADDITIONAL PERMANENT FENCING ALONG THE RIGHT OF WAY	45,000
	100.00	CHANGE BUSWAY LANE WIDTH AND STRIPING TRANSITION	2,500
	111.00	LANDSCAPE ART REVISIONS AT VARIEL (deductive change order)	0
	112.00	REVISIONS TO FENCING, LANDSCAPING & PAVING BETWEEN OXNARD STREET AND WOODMAN AVENUE	2,000
	115.00	MODIFY STATION PYLON POLE ANCHORAGE ELEMENTS AT THE WARNER CENTER TRANSIT HUB	5,000
	118.01	EXPANDED SPACE FOR FIELD OFFICES (EXTEND LEASE)	88,745
	122.00	RELOCATE TREES NEAR ETHEL AVE & CHANDLER BLVD (NORTH)	1,000
	123.00	NEW 13 FOOT TALL FENCE & LANDSCAPING	48,000



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Less Total Approved Change Orders (NTE's): (continued)

<u>Change Notice #</u>	<u>Description</u>	
124.00	CONSTRUCT WIDER THAN PLANNED DRIVEWAY AT 12733 CHANDLER BLVD (NORTH)	4,000
125.00	SWING GATES AT SEPULVEDA PARKING LOT AT ERWIN ST	10,000
125.02	NTE INCREASE: SWING GATES AT SEPULVEDA PARKING LOT AT ERWIN ST	38,000
134.00	MODIFY PROPOSED DRIVEWAY AT BUFFALO AND OXNARD TO SIDEWALK	2,400
135.00	MODIFY OR PROVIDE ADDITIONAL TRAFFIC LOOPS AT THE DIRECTION OF METRO	32,000
137.00	CORRECT TERRAZZO COLOR SELECTIONS FROM STATION ARTWORK	3,100
139.00	PAINT NUMBERS ON MAINTENANCE VEHICLE PULLOUTS (MVP's)	13,000
140.00	FURNISH AND INSTALL ADDITIONAL BACK OF PLATFORM FENCING @ THREE STATIONS	18,500
141.00	REPLACE LIGHT POLE AT NW CORNER CHANDLER BLVD (NORTH) & COLDWATER CANYON	5,000

**Total Change Orders: 4,021,253**

**Total value of all Contract Modifications and Change Orders: 13,911,076**

**Balance available for future changes after disposition of Authorized Changes: 3,430,926**

Less Pending Modifications: (Exact estimate not shown to preserve confidentiality of MTA negotiation position)

<u>Change Notice #</u>	<u>Description</u>	<u>Cost Range*</u>
1.01	NTE: EXPANDED SPACE FOR PROJECT INTEGRATED OFFICE	Less than One Million
19.01	SEPULVEDA PARK AND RIDE MODIFICATIONS	Less than One Million
19.02	SEPULVEDA PARK AND RIDE MODS - CONSTRUCTION REVISIONS	Less than One Million
25.00	REPLACE PVC CONDUIT W/ HDPE CONDUIT & OTHER REQUIREMENTS (balance of estimated costs)	Less than One Million
25.01	REPLACE PVC CONDUIT W/ HDPE CONDUIT & OTHER REQUIREMENTS (scope clarification)	Less than One Million
42.01	DELETE REQUIREMENTS FOR DECORATIVE STAMPING AND TEXTURE ON CROSSWALKS (Deductive Change)	Less than One Million
48.00	SCHEDULE MITIGATION REQUIRED FOR CONTAMINATED SOILS AND EXCESS RAIN (bal of estimated costs)	Less than One Million
48.01	NTE INCREASE: SCHEDULE MITIGATION REQUIRED FOR CONTAMINATED SOILS	Less than One Million

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<u>Change Notice #</u>	<u>Description</u>	<u>Cost Range*</u>
56.00	TEMPORARY OR PERMANENT FENCING	Less than One Million
58.00	SCHEDULE MITIGATION FOR TRAFFIC INDEX	Less than One Million
63.06	ADDITIONAL LANDSCAPING COSTS BEYOND MOD 49.01	Less than One Million
64.00	ACCELERATE THE WORK AT THE WOODMAN AVE INTERSECTION	Less than One Million
70.01	RESPONSE TO RFC 1.09 CITY DELAYS TO INTERSECTION GRP 1 (MODIFICATION TO CHANDLER BLVD) (bal of estimated costs)	Less than One Million
72.00	STANDBY AND SAFETY WORK RELATED TO WORK SUSPENSION	Less than One Million
75.00	CREDIT FOR CONTRACTOR PROPOSED PAVEMENT STRUCTURAL SECTION (deductive change order)	Less than One Million
78.00	DIRECT COSTS ASSOCIATED WITH WORK ATTRIBUTED TO AUGUST 2004 WORK STOPPAGE	Less than One Million
78.01	DIRECT COSTS ASSOCIATED WITH WORK ATTRIBUTED TO AUGUST 2004 WORK STOPPAGE	Less than One Million
87.00	DESIGN AND CONSTRUCT BARRIER W/ FENCE NEAR BALBOA BLVD. (MOSS PROPERTY)	Less than One Million
89.00	CREDIT FOR ADVANCED SOIL EXCAVATION, DISPOSAL & TESTING (deductive change order)	Less than One Million
99.02	ADDITIONAL PERMANENT FENCING ALONG THE RIGHT OF WAY (bal of estimated costs)	Less than One Million
100.00	CHANGE BUSWAY LANE WIDTH AND STRIPING TRANSITION (bal of estimated costs)	Less than One Million
101.00	5% SUBCONTRACTOR MARKUP DIRECTS	Less than One Million
108.00	NORTH CHANDLER WIDENING - COD 37 (CLAIM 50)	Less than One Million
111.00	LANDSCAPE ART REVISIONS AT VARIEL (deductive change order)	Less than One Million
112.00	REVISIONS TO FENCING, LANDSCAPING & PAVING BETWEEN OXNARD ST. AND WOODMAN AVE (COD 44) (bal of estimated costs)	Less than One Million
115.00	MODIFY STATION PYLON POLE ANCHORAGE ELEMENTS AT THE WARNER CENTER TRANSIT HUB. (bal of estimated costs)	Less than One Million
116.00	DIRECTION TO MODIFY VAN NUYS PARK N RIDE (CLAIM 43)	Less than One Million
117.02	ACCELERATE LANDSCAPE WORK TO MEET ORANGE LINE REVENUE OPERATIONS DATE	Less than One Million
118.01	EXPANDED SPACE FOR FIELD OFFICES (EXTEND LEASE)	Less than One Million

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<u>Change Notice #</u>	<u>Description</u>	<u>Cost Range*</u>
122.00	RELOCATE TREES NEAR ETHEL AVE & CHANDLER BLVD (NORTH)	Less than One Million
123.00	NEW 13 FOOT TALL FENCE & LANDSCAPING	Less than One Million
123.01	NEW 13 FOOT TALL FENCE & LANDSCAPING (NTE Increase)	Less than One Million
124.00	CONSTRUCT WIDER THAN PLANNED DRIVEWAY AT 12733 CHANDLER BLVD (NORTH)	Less than One Million
125.00	SWING GATES AT SEPULVEDA PARKING LOT AT ERWIN ST	Less than One Million
125.02	SWING GATES AT ERWIN ENTRANCE - SEPULVEDA PARK & RIDE	Less than One Million
132.00	PROPERTY, BOILER AND MACHINERY INSURANCE	Less than One Million
134.00	MODIFY PROPOSED DRIVEWAY AT BUFFALO AND OXNARD TO SIDEWALK	Less than One Million
135.00	MODIFY OR PROVIDE ADDITIONAL TRAFFIC LOOPS AT THE DIRECTION OF METRO	Less than One Million
136.00	FURNISH AND INSTALL METRO GRAND PYLONS AT ALL PARK AND RIDE STATIONS	Less than One Million
137.00	CORRECT TERRAZZO COLOR SELECTIONS FROM STATION ARTWORK	Less than One Million
138.00	REPLACEMENT OF FIXED CCTV CAMERAS TO PAN/TILT/ZOOM CAMERAS	Less than One Million
139.00	PAINT NUMBERS ON MAINTENANCE VEHICLE PULLOUTS (MVP's)	Less than One Million
140.00	FURNISH AND INSTALL ADDITIONAL BACK OF PLATFORM FENCING @ THREE STATIONS	Less than One Million
141.00	REPLACE LIGHT POLE AT NW CORNER CHANDLER BLVD (NORTH) & COLDWATER CANYON	Less than One Million

**Total Pending Rough Order of Magnitude Cost: 2,505,889**

Remaining Authorization for Modifications after Disposition of Pending Changes: **925,037**

\*Cost Range data is preliminary and may be revised as change notice scope is refined, estimates are prepared and Contractor cost proposals are received. When available (and before negotiations are finalized) the Contractor's proposal value is usually used to project the remaining funds available. This tends to result in a "worst case" scenario. However, final negotiated values tend to end up in between the confidential Independent Cost Estimate and the Contractor's proposal. Not all pending change notices noted above become executed contract modifications - some are subsequently cancelled. Information presented is for Busway Project 800112, Bikeway Project 800114 and Canoga Park & Ride Project 800117.