



**Metro**

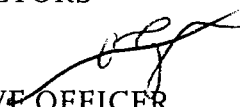
Metropolitan Transportation Authority


One Gateway Plaza  
Los Angeles, CA 90012-2952

213.922.2000 Tel  
metro.net

April 20, 2005

TO: BOARD OF DIRECTORS

THROUGH: ROGER SNOBLE  
CHIEF EXECUTIVE OFFICER 

FROM: RICHARD THORPE  
CHIEF CAPITAL MANAGEMENT OFFICER  
CONSTRUCTION PROJECT MANAGEMENT 

SUBJECT: BOARD REQUESTED MONTHLY UPDATE ON CONTRACT  
MODIFICATIONS FOR METRO ORANGE LINE CONTRACTS -  
PERIOD ENDING MARCH 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 March 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.

STATUS

During the month of March 2005, there were seven new executed Contract Modifications and one new executed Change Order (Not-to-Exceed).

CM/CO/CN	Change Notice Description	Value
CM 59.00/CN 32.00	Add Disputes Review Board to Contract C0675	\$200,000
CM 18.01/CN 36.01	Partnering reimbursement for Charles E. Cowan	\$40,000
CM 61.00/CN62.00	Revise field layout of stand alone validator machines on station platforms to form a 'virtual gate'	\$55,018
CM 62.00/CN 69.00	Mitigate construction impacts at Oxnard Avenue and develop traffic control plan	\$25,000
CM 63.00/CN 80.00	Mitigate community impacts related to the Hazeltine Avenue intersection	\$25,000
CM46.02/CN 92.02	Excusable and compensable Delays (Cancel Modification 46.01)	\$ 0
CM 52.00/CN 97.00	Remove temporary chain link fence	\$91,025
CO/CN 99.01	Change Order increase for additional permanent fencing along the right of way	\$36,000

To date, for the busway and bikeway scope of work, there are 48 executed Contract Modifications for a combined value of \$7,372,872 and 48 approved Change Orders issued for a combined value of \$4,641,592. The total value of all Contract Modifications and Change Orders as of this report is \$12,014,464 as shown in Attachment A.

This Report does not include the \$7,900,000 for the Board approved 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 of Directors the Contract Modification Report for period ending April 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)
8.00	16.00	REMOVE UNSUITABLE MATERIAL ON ROW NEAR CEDROS AVE.	\$29,037
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
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
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

**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>	
20.01	40.01	UPGRADE BUSWAY THERMOPLASTIC EDGE STRIPING TO RAISED INVERT PROFILE THERMOPLASTIC STRIPING	\$35,727
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
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
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
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
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
56.00	82.00	ACCOMMODATE BUSWAY MEDIA EVENT OCT 15, 2004	\$6,350
45.00	85.00	CHANGE FOR L.E.D. "BUS COMING" SIGN.	\$7,891
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
52.00	97.00	REMOVE TEMPORARY CHAIN LINK FENCE	\$91,025
<b>Total Modifications:</b>			<b>\$7,372,872</b>

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

CONTRACT C0675, DESIGN BUILD - SHIMMICK -OBAYASHI, JV

Current Contract Authorization for Modifications:

**\$17,342,002**

**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
14.03	DESIGN OF THE NEW SIGNALIZED INTERSECTION AT CHANDLER BLVD SOUTH & LEGHORN AVE IN THE CITY OF LA	\$40,000
14.05	DESIGN OF THE NEW SIGNALIZED INTERSECTION AT CHANDLER BLVD SOUTH & LEGHORN AVE IN THE CITY OF LA	\$75,000
19.01	SEPULVEDA PARK AND RIDE MODIFICATIONS	\$8,000
20.01	DESIGN WORK AUTHORIZATION FOR CN 20.00 REV OF SOUNDWALL LIMITS	\$25,000
25.00	REPLACE PVC CONDUIT W/ HDPE CONDUIT & OTHER REQUIREMENTS (Unilateral Deductive Change)	(\$441,115)
31.02	REVISED MAP CASE DRAWINGS TO SUPERSEDE EXHIBIT 3-3	\$90,000
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
43.00	FENCING FOR HAZARDOUS SOILS	\$40,000
44.01	TEMPORARY CHAIN LINK FENCING ALONG THE RIGHT OF WAY	\$90,000
44.02	NTE INCREASE: TEMP CHAIN LINK FENCING ALONG THE ROW	\$110,000
48.00	SCHEDULE MITIGATION REQUIRED FOR CONTAMINATED SOILS	\$90,000
48.01	NTE INCREASE: SCHEDULE MITIGATION REQUIRED FOR CONTAMINATED SOILS	\$190,000
53.00	LADOT BETTERMENT AT RESEDA, CORBIN AND WILBUR	\$90,000
56.00	TEMPORARY OR PERMANENT FENCING	\$90,000
58.00	SCHEDULE MITIGATION REQUIRED FOR TRAFFIC INDEX CHANGE	\$300,000
60.01	LENGTHEN THE NORTH HOLLYWOOD TURNAROUND	\$20,000
64.00	ACCELERATE THE WORK AT THE WOODMAN AVE INTERSECTION	\$30,000
64.01	ACCELERATE THE WORK AT THE WOODMAN AVE INTERSECTION	\$15,000
66.00	REDESIGN 100% SEPULVEDA PARK AND RIDE	\$40,000
68.01	REDESIGN SOUNDWALL DUE TO CONFLICT WITH 22" GAS LINE	\$9,000
70.01	RESPONSE TO RFC 1.09 CITY DELAYS TO INTERSECTION GRP 1 (MODIFICATION TO CHANDLER BLVD.)	\$30,000

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

CONTRACT C0675, DESIGN BUILD - SHIMMICK -OBAYASHI, JV

Current Contract Authorization for Modifications:

**\$17,342,002**

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

<u>Change Notice #</u>	<u>Description</u>	
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
73.01	MITIGATE COMMUNITY IMPACTS RELATED TO THE MASON AVE. INTERSECTION	\$20,000
74.01	MITIGATE COMMUNITY IMPACTS RELATED TO THE DRIVEWAY WORK NEAR THE KESTER AVE. INTERSECTION	\$20,000
76.00	MODIFY STATION SIGNAGE	\$12,000
50.00 81.00	EXPAND LIMITS OF CONSTRUCTION AT COLFAX AVENUE	\$5,000
84.00	CONSTRUCT SIDEWALK. C&G, PAVEMENT & IMPROVEMENTS ON CHANDLER BLVD NORTH	\$72,000
86.00	POWER CONDUIT & PEDESTAL INSTALLATION AT WARNER CENTER TRANSIT HUB	\$20,000
87.00	DESIGN AND CONSTRUCT BARRIER W/ FENCE NEAR BALBOA BLVD. (MOSS PROPERTY)	\$4,000
88.00	RE ALIGNMENT OF STORM DRAIN AT HAZELTINE AVENUE	\$32,000
93.00	REVISE CURB RETURN AT THE SOUTHWEST CORNER OF THE BUSWAY AND SEPULVEDA BLVD.	\$26,400
94.00	DESIGN AND CONSTRUCT EIGHT ADDITIONAL LOOP DETECTORS AT THE WODLEY / BUSWAY INTERSECTION	\$8,000
95.00	TEMPORARY RESTROOM FACILITY AT NORTH HOLLYWOOD STATION	\$11,000
96.00	USE SLURRY BACKFILL AND CASE - 3 BEDDING	\$10,000
96.01	NTE INCREASE: MODIFY BACKFILL FOR STORM DRAIN AT HAZELTINE AVE AND TYRONE AVE.	\$50,000
98.01	SOUNDWALL SPARE PARTS	\$23,000
99.01	ADDITIONAL PERMANENT FENCING ALONG THE RIGHT OF WAY	\$36,000
100.00	CHANGE BUSWAY LANE WIDTH AND STRIPING TRANSITION	\$2,500
104.00	BUS DETECTION WITH FLASHING BEACONS BETWEEN BALBOA AND SEPULVEDA STATIONS	\$30,000
106.00	ALL CALIFORNIA NATIVE PLANTS IN SEPULVEDA BASIN PALLETTE AREA (SBPA)	\$50,000
112.00	REVISIONS TO FENCING, LANDSCAPING & PAVING BETWEEN OXNARD STREET AND WOODMAN AVENUE	\$2,000
113.00	MODIFY STATION NAMES FOR THREE STATIONS	\$2,000

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

CONTRACT C0675, DESIGN BUILD - SHIMMICK -OBAYASHI, JV

**Current Contract Authorization for Modifications: \$17,342,002**

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

<u>Change Notice #</u>	<u>Description</u>	
115.00	MODIFY STATION PYLON POLE ANCHORAGE ELEMENTS AT THE WARNER CENTER TRANSIT HUB	\$5,000
<b>Total Change Orders:</b>		<b>\$4,641,592</b>

**Total value of all Contract Modifications and Change Orders: \$12,014,464**

**Balance available for future changes after disposition of Authorized Changes: \$5,327,538**

**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
1.02	NTE: EXPANDED SPACE FOR PROJECT INTEGRATED OFFICE	Less than One Million
14.01	DESIGN OF THE NEW SIGNALIZED INTERSECTION AT CHANDLER BLVD SOUTH & LEGHORN AVE IN THE CITY OF LA	Less than One Million
14.02	CONSTRUCTION OF ADDITIONAL SIGNALIZED INTERSECTION AT CHANDLER BLVD SOUTH & LEGHORN AVE IN THE CITY OF LA	Less than One Million
14.03	DESIGN OF THE NEW SIGNALIZED INTERSECTION AT CHANDLER BLVD SOUTH & LEGHORN AVE IN THE CITY OF LA (reverse NTE)	Less than One Million
14.05	DESIGN OF THE NEW SIGNALIZED INTERSECTION AT CHANDLER BLVD SOUTH & LEGHORN AVE IN THE CITY OF LA (reverse NTE)	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
20.00	REVISION OF SOUNDWALL LIMITS ADJACENT TO CROSS STREETS	Less than One Million
20.01	DESIGN WORK AUTHORIZATION FOR CN 20.00 (balance of est costs)	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
31.01	REVISED MAP CASE DRAWINGS TO SUPERSEDE EXHIBIT 3-3	Less than One Million
31.02	REVISED MAP CASE DRAWINGS TO SUPERSEDE EXHIBIT 3-3 (bal of rem costs)	Less than One Million
42.00	DELETE REQUIREMENTS FOR DECORATIVE STAMPING AND TEXTURE ON CROSSWALKS (Deductive Change)	Less than One Million
43.00	FENCING FOR HAZARDOUS SOILS (bal of estimated costs)	Less than One Million
44.01	TEMPORARY CHAIN LINK FENCE ALONG THE RIGHT OF WAY (bal of estimated costs)	Less than One Million

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

CONTRACT C0675, DESIGN BUILD - SHIMMICK -OBAYASHI, JV

Current Contract Authorization for Modifications:

**\$17,342,002**

**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>
44.02	NTE INCREASE: TEMP CHAIN LINK FENCING ALONG THE ROW	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
25.00	50.00 SCOPE OF WORK CHANGE TO MILESTONE NO. 2	Less than One Million
53.00	LADOT BETTERMENT AT RESEDA, CORBIN AND WILBUR (bal of estimated costs)	Less than One Million
58.00	SCHEDULE MITIGATION FOR TRAFFIC INDEX	Less than One Million
60.00	LENGTHEN THE NORTH HOLLYWOOD TURNAROUND	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
64.01	ACCELERATE THE WORK AT THE WOODMAN AVE INTERSECTION	Less than One Million
66.00	REDESIGN 100% SEPULVEDA PARK AND RIDE	Less than One Million
67.00	DELETE THE WORK ASSOCIATED WITH THE PLACEMENT OF 7-FOOTINGS AT THE WARNER CENTER TRANSIT HUB (deductive change)	Less than One Million
68.00	REDESIGN SOUNDWALL DUE TO CONFLICT WITH 22" GAS LINE	Less than One Million
68.01	REDESIGN SOUNDWALL DUE TO CONFLICT WITH 22" GAS LINE	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
73.01	MITIGATE COMMUNITY IMPACTS RELATED TO THE MASON AVE. INTERSECTION	Less than One Million
74.01	MITIGATE COMMUNITY IMPACTS RELATED TO THE DRIVEWAY WORK NEAR THE KESTER AVE. INTERSECTION	Less than One Million
75.00	CREDIT FOR CONTRACTOR PROPOSED PAVEMENT STRUCTURAL SECTION (deductive change order)	Less than One Million
76.00	MODIFY STATION SIGNAGE	Less than One Million
77.00	REVISED SOIL RE-USE CRITERIA FOR LEAD AND ARSENIC (zero cost administrative change)	Less than One Million
77.01	REVISED SOIL RE-USE CRITERIA FOR LEAD AND ARSENIC (zero cost administrative change)	Less than One Million
78.00	COST & TIME IMPACT ADJUSTMENTS DIRECTLY RELATED TO WORK SUSPENSION	More than One Million
50.00	81.00 EXPAND LIMITS OF CONSTRUCTION AT COLFAX AVENUE	Less than One Million



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

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

**Current Contract Authorization for Modifications:**

**\$17,342,002**

**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>
50.00 81.01	EXPAND LIMITS OF CONSTRUCTION AT COLFAX AVENUE (scope clarification)	Less than One Million
84.00	CONSTRUCT SIDEWALK, C&G, PAVEMENT & IMPROVEMENTS ON CHANDLER BLVD NORTH	Less than One Million
86.00	POWER CONDUIT & PEDESTAL INSTALLATION AT WARNER CENTER TRANSIT HUB	Less than One Million
87.00	DESIGN AND CONSTRUCT BARRIER W/ FENCE NEAR BALBOA BLVD. (MOSS PROPERTY)	Less than One Million
88.00	RE-ALIGNMENT OF STORM DRAIN AT HAZELTINE AVENUE (bal of estimated costs)	Less than One Million
89.00	CREDIT FOR ADVANCED SOIL EXCAVATION, DISPOSAL & TESTING (deductive change order)	Less than One Million
90.00	DELETE MEDIAN BREACH AT OXNARD ST AND VENTURA CANYON AVE (deductive change order)	Less than One Million
93.00	REVISE CURB RETURN AT THE SOUTHWEST CORNER OF THE BUSWAY AND SEPULVEDA BLVD. (bal of estimated costs)	Less than One Million
94.00	DESIGN AND CONSTRUCT EIGHT ADDITIONAL LOOP DETECTORS AT THE WOODLEY / BUSWAY INTERSECTION (bal of estimated costs)	Less than One Million
95.00	MODIFICATIONS TO ACCOMMODATE TEMPORARY RESTROOM FACILITY AT NORTH HOLLYWOOD STATION (bal of estimated costs)	Less than One Million
96.00	USE SLURRY BACKFILL AND CASE - 3 BEDDING (bal of estimated costs)	Less than One Million
96.01	NTE INCREASE: MODIFY BACKFILL FOR STORM DRAIN AT HAZELTINE AVE AND TYRONE AVE. (bal of estimated costs)	Less than One Million
98.01	SOUNDWALL SPARE PARTS (bal of estimated costs)	Less than One Million
99.01	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
102.00	BIKE LOCKER INSTALLATION COSTS	Less than One Million
103.00	***RESERVED*** METAL BEAM GUARD RAIL (MBGR) AT LAUREL CANYON STATION	Less than One Million
104.00	BUS DETECTION WITH FLASHING BEACONS (bal of estimated costs)	Less than One Million
105.00	DELETE PORTION OF SOUNDWALL NEAR BURBANK & FULTON (deductive change order)	Less than One Million
106.00	ALL CALIFORNIA NATIVE PLANTS IN SEPULVEDA BASIN PALLETTE AREA (SBPA) (bal of estimated costs)	Less than One Million

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

CONTRACT C0675, DESIGN BUILD - SHIMMICK -OBAYASHI, JV

Current Contract Authorization for Modifications:

**\$17,342,002**

**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>
107.00	REFLECTIVE PAVEMENT MARKERS (CLAIM 15)	Less than One Million
108.00	NORTH CHANDLER WIDENING - COD 37 (CLAIM 50)	Less than One Million
109.00	SLURRY COVER OVER UTILITY LINES (CLAIM 32)	Less than One Million
110.00	DIRECTION TO MODIFY BALBOA PARK N RIDE (CLAIM 38)	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
113.00	MODIFY STATION NAMES FOR THREE STATIONS (bal of estimated costs)	Less than One Million
114.00	REMEDICATION OF BUSWAY SUBGRADE DAMAGED BY EXCESS RAINFALL	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

**Total Pending Rough Order of Magnitude Cost: \$2,790,454**

**Projected Remaining Authorization for Modifications after Disposition of Pending Changes: \$2,537,084**

\*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 and Bikeway Project 800114.