



Metro

December 22, 2004

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 NOVEMBER 2004

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 construction contract for the Metro Orange Line Busway and Bikeway Projects, as of the end of November 2004. In addition, Attachment B includes contract actions for the Los Angeles Department of Water and Power Recycled Water Pipeline Project a portion of which is being constructed by the Design/Build Contractor.

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. Additionally, the Chief Executive Officer authorization to execute contract modifications for Metro Orange Line Busway and Bikeway was increased by \$2,232,500 to \$17,342,002, subject to monthly project reporting requirements and Board approved contract dollar limitations.

STATUS

Contract C0675 Metro Orange Line: Shimmick Construction Co., Inc./Obayashi Corporation, J.V. excluding LADWP Recycled Water Pipeline Project scope (Attachment A)

During the month of November 2004, there were three new executed Contract Modifications and no new executed Change Orders (Not-to-Exceed).

CM/CO/CN No.	Change Notice Description	Value
CM37.00/CN47.00	Furnish and install storm drainage system between Tyrone and Hazeltine Avenues	\$1,299,825
CM34.00/CN57.00	Station and canopy materials at Canoga Avenue (Warner Center Park and Ride)	\$861,829
CM46.01/CN92.01	Excusable and compensable delays	\$540,000

To date, for the busway and bikeway scope of work, there are 30 executed Contract Modifications for a combined value of \$5,589,360 and 38 approved Change Orders issued for a combined value of \$4,357,343. The total value of all Contract Modifications and Change Orders as of this report is \$9,946,703.

This Report does not include all potential contract modifications that will be required due to the California Court of Appeal stay of the Project issued on August 2, 2004 and the lifting of suspension on August 26, 2004 to the C0675 Design/Build Contractor. The total cost impact is still under review with the C0675 Design/Build Contractor. It also does not include costs for the Board approved Delay Mitigation Agreement for acceleration costs to mitigate owner delays to the C0675 Design/Build Contractor. CM 46.01 will be deducted from the amount owed to the contractor as a result of the Delay Mitigation Agreement.

LADWP Recycled Water Pipeline – Contract No. C0675 Metro Orange Line (Attachment B)

During the month of November 2004, there were no new executed Recycled Water Pipeline Contract Modifications and no new Change Orders.

To date, there are three Contract Modifications and four executed Change Orders (Not-to-Exceed) for the LADWP Recycled Water Pipeline. These changes are shown in Attachment B and total to \$1,343,135 against the current Board authorization of \$2,500,000.

NEXT STEPS

Provide the Board of Directors with the Metro Orange Line Busway and Bikeway Contract Modification Report for the period ending December 2004.

ATTACHMENTS

- A. Contract No. C0675 Metro Orange Line Design/Build Contract Modification Report
- B. Los Angeles Department of Water and Power Recycled Water Pipeline 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
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
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 PASENGER INFO SYSTEM SOFTWARE MODEL	\$92,661
31.00	30.00	COMMUNICATIONS EQUIPMENT FOR FUTURE CANOGA AVENUE PARK & RIDE STATION	\$473,218
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
26.00	38.04	COMMUNITY LANDSCAPE ENHANCEMENT	\$1,030,238
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

**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>	
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
33.01	63.00	LANDSCAPING SOIL TESTING FOR AMENDMENTS	\$1,500
46.01	92.01	EXCUSABLE AND COMPENSABLE DELAYS	\$540,000
Total Modifications:			\$5,589,360

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
41.00	12.03 INCORPORATE RUBBERIZED ASPHALT PAVEMENT	\$90,000
	14.03 DESIGN OF THE NEW SIGNALIZED INTERSECTION AT CHANDLER BLVD SOUTH & LEGHORN AVE IN THE CITY OF LA	\$40,000
	19.01 SEPULVEDA PARK AND RIDE MODIFICATIONS	\$8,000
	20.01 DESIGN WORK AUTHORIZATION FOR CN 20.00 REV OF SOUNDWALL LIMITS	\$25,000
	24.01 AUTHORIZE DESIGN WORK ON DIVISION 8 MODIFICATIONS	\$50,000
	25.00 REPLACE PVC CONDUIT W/ HDPE CONDUIT & OTHER REQUIREMENTS (Unilateral Deductive Change)	(\$441,115)
15.00	35.01 REVISE TRAFFIC INDEX (TI) FOR BUSWAY PAVEMENT	\$600,000
32.00	39.00 BETTERMENT IMPROVEMENTS TO USE TYRONE AS A STREET (WIDENING)	\$20,000
	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

**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>	
48.01	NTE INCREASE: SCHEDULE MITIGATION REQUIRED FOR CONTAMINATED SOILS	\$190,000
49.00	REDWOOD HEADERS	\$90,000
49.01	REDWOOD HEADERS: ADDITIONAL AUTHORIZATION	\$210,000
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
63.04	LANDSCAPING - UNIT COSTS: BACKFILL AMENDMENTS & PLANT REPLACEMENT	\$86,415
64.00	ACCELERATE THE WORK AT THE WOODMAN AVE INTERSECTION	\$30,000
64.01	ACCELERATE THE WORK AT THE WOODMAN AVE INTERSECTION	\$15,000
43.00	65.00 BESSEMER AVE/TYRONE AVE STORM DRAIN SYSTEM CONNECTIONS	\$90,000
	66.00 REDESIGN 100% SEPULVEDA PARK AND RIDE	\$40,000
	69.00 MITIGATE CONSTRUCTION IMPACTS AT OXNARD AVE. AND DEVELOP TRAFFIC CONTROL PLAN	\$32,000
	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
	73.00 MITIGATE COMMUNITY IMPACTS RELATED TO THE MASON AVE. INTERSECTION	\$20,000
	74.00 MITIGATE COMMUNITY IMPACTS RELATED TO THE DRIVEWAY WORK NEAR THE KESTER AVE. INTERSECTION	\$20,000
	76.00 MODIFY STATION SIGNAGE	\$12,000
	80.00 MITIGATE COMMUNITY IMPACTS RELATED TO THE HAZELTINE AVE. INTERSECTION	\$25,000
	81.00 EXPAND LIMITS OF CONSTRUCTION AT COLFAX AVENUE	\$5,000
	82.00 ACCOMMODATE BUSWAY MEDIA EVENT OCT 15, 2004	\$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

**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>	
88.00	RE ALIGNMENT OF STORM DRAIN AT HAZELTINE AVENUE	\$32,000
Total Change Orders:		\$4,357,343

Total value of all Contract Modifications and Change Orders:

\$9,946,703

Balance available for future changes after disposition of Authorized Changes:

\$7,395,299

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
41.00	12.03 INCORPORATE RUBBERIZED ASPHALT PAVEMENT	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
	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
	24.01 AUTHORIZE DESIGN WORK ON DIVISION 8 MODIFICATIONS (bal of estimated costs)	Less than One Million
	25.00 REPLACE PVC CONDUIT W/ HDPE CONDUIT & OTHER REQUIREMENTS (balance of estimated costs)	Less than One Million
	31.01 REVISED MAP CASE DRAWINGS TO SUPERSEDE EXHIBIT 3-3	Less than One Million
	32.00 ADD DISPUTES REVIEW BOARD TO CONTRACT	Less than One Million
15.00	35.00 REVISE TRAFFIC INDEX (TI) FOR BUSWAY PAVEMENT (bal of estimated costs)	More than One Million
	35.01 REVISE TRAFFIC INDEX (TI) FOR BUSWAY PAVEMENT (bal of estimated costs)	Less than One Million
32.00	39.00 BETTERMENT IMPROVEMENTS TO USE TYRONE AS A STREET (widening)	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

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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
49.00	REDWOOD HEADERS	Less than One Million
49.01	REDWOOD HEADERS: ADDITIONAL AUTHORIZATION	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
	62.00 REVISE FIELD LAYOUT OF SAV MACHINES ON STATION PLATFORMS TO FORM A 'VIRTUAL GATE'	Less than One Million
42.01	63.03 LANDSCAPING - PLANT HOLE SIZE INCREASE	Less than One Million
	63.04 LANDSCAPING - UNIT COSTS: BACKFILL AMENDMENTS & PLANT REPLACEMENT	More than One Million
	64.00 ACCELERATE THE WORK AT THE WOODMAN AVE INTERSECTION	Less than One Million
43.00	65.00 BESSEMER AVE/TYRONE AVE STORM DRAIN SYSTEM CONNECTIONS	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
	69.00 MITIGATE CONSTRUCTION IMPACTS AT OXNARD AVE. AND DEVELOP TRAFFIC CONTROL PLAN	Less than One Million
	70.00 RESPONSE TO RFC 1.09 CITY DELAYS TO INTERSECTION GROUP 1	Less than One Million
	71.00 FURNISH EIGHTEEN CHANNEL CONFLICT MONITORS	Less than One Million
	72.00 STANDBY AND SAFETY WORK RELATED TO WORK SUSPENSION	Less than One Million
	73.00 MITIGATE COMMUNITY IMPACTS RELATED TO THE MASON AVE. INTERSECTION	Less than One Million
	74.00 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
38.00	77.00 REVISED SOIL RE-USE CRITERIA FOR LEAD AND ARSENIC	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>
78.00	COST & TIME IMPACT ADJUSTMENTS DIRECTLY REALTED TO WORK SUSPENSION	More than One Million
40.00 79.00	DIVISION 8 OVERHEAD CRANE MATERIAL COST INCREASE	Less than One Million
80.00	MITIGATE COMMUNITY IMPACTS RELATED TO THE HAZELTINE AVE. INTERSECTION	Less than One Million
81.00	EXPAND LIMITS OF CONSTRUCTION AT COLFAX AVENUE	Less than One Million
83.00	RELOCATION OF IRRIGATION & DOMESTIC WATER LINES BELONGING TO CITY OF L.A. RECS & PARKS	Less than One Million
84.00	CONSTRUCT SIDEWALK. C&G, PAVEMENT & IMPROVEMENTS ON CHANDLER BLVD NORTH	Less than One Million
85.00	CHANGE FOR L.E.D. "BUS COMING" SIGN.	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 PROERTY)	Less than One Million
88.00	RE-ALIGNMENT OF STORM DRAIN AT HAZELTINE AVENUE	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
91.00	FLOOD PRE-EMPTION SYSTEM AT VICTORY BLVD PER RFC-89	Less than One Million
93.00	REDESIGN OF CURB RETURN AT THE SOUTHWEST CORNER OF THE BUSWAY AND SEPULVEDA BLVD.	Less than One Million
94.00	DESIGN ANS CONSTRUCT EIGHT ADDITIONAL LOOP DETECTORS AT THE WODLEY / BUSWAY INTERSECTION	Less than One Million

Total Pending Rough Order of Magnitude Cost: \$5,672,222

Projected Remaining Authorization for Modifications after Disposition of Pending Changes: \$1,723,077

*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.

**ATTACHMENT B
METRO ORANGE LINE - LADWP RECYCLED WATER PIPELINE
CONTRACT MODIFICATION REPORT**

CONTRACT C0675, DESIGN BUILD - SHIMMICK - OBAYASHI, JV - LADWP RECYCLED WATER PIPELINE (RWP)

Current Contract Authorization for Modifications: **\$2,500,000**

Less Executed Modifications:

<u>Mod #</u>	<u>CN #</u>	<u>Description</u>	
16.00	10.04	DWP RECYCLED WATER PIPELINE AT TUJUNGA WASH BRIDGE	128,020
16.00	10.05	DWP RECYCLED WATER PIPELINE AT BULL CREEK BRIDGE	143,759
16.00	10.14	DWP RECYCLED WATER PIPELINE AT BULL CREEK & TUJUNGA WASH	0
12.01	10.16	RECYCLED WATER LINE EXTENSIONS AT THE TUJUNGA WASH BRIDGE	125,120
12.01	10.17	RECYCLED WATER LINE EXTENSIONS AT THE BULL CREEK BRIDGE	398,736
24.00	10.18	DWP RECYCLED WATER PIPELINE EXTENSIONS AT THE LA RIVER BRIDGE (both sides)	322,500
Total Modifications:			\$1,118,135

Less Total Approved Change Orders (NTE's):

<u>Change Notice #</u>	<u>Description</u>	
10.01	POTHOLING AND DESIGN OF DWP RECYCLED WATERLINE AT SELECT EXISTING ROADWAY INTERSECTIONS	90,000
10.02	ADDED POTHOLING AND DESIGN OF DWP RECYCLED WATERLINE AT SELECT EXISTING ROADWAY INTERSECTIONS	90,000
10.10	VERIFY PRESTRESSED GIRDER CALCULATIONS FOR DWP RWP LOADS	5,000
10.12	SOJV DESIGN ENGINEER COORDINATION WITH DWP CONSULTANT - BOYLE ENGINEERING	40,000
Total Change Orders:		\$225,000

Balance available for future changes after Disposition of Authorized Changes: **\$1,156,865**

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>
10.01	POTHOLING AND DESIGN OF DWP RECYCLED WATERLINE AT SELECT EXISTING ROADWAY INTERSECTIONS	Less than One Million
10.02	ADDED POTHOLING AND DESIGN OF DWP RECYCLED WATERLINE AT SELECT EXISTING ROADWAY INTERSECTIONS	Less than One Million
10.10	VERIFY PRESTRESSED GIRDER CALCULATIONS FOR DWP RWP LOADS	Less than One Million
10.12	SOJV DESIGN ENGINEER COORDINATION WITH DWP CONSULTANT - BOYLE ENGINEERING	Less than One Million

Total Pending Rough Order of Magnitude Cost: **(\$38,449)**

Projected Remaining Authorization for Modifications after Disposition of Pending Changes: **\$1,195,314**

*Cost Range data is preliminary and may be revised as change notice scope is refined, estimates are prepared and