



**Metro**

Los Angeles County  
Metropolitan Transportation Authority

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**43**

**CONSTRUCTION COMMITTEE  
June 21, 2012**

**SUBJECT: I-405 SEPULVEDA PASS IMPROVEMENTS PROJECT**

**ACTION: AUTHORIZATION FOR CHANGE ORDER TO CONSTRUCT  
REDESIGNED BRIDGES 10 AND 11 AND RIGHT-TURN LANE**

**RECOMMENDATION**

- A. Authorize the Chief Executive Officer to issue and negotiate Change Order No. 55 to Contract No. C0882, with Kiewit Infrastructure West Company, for construction of redesigned work at Bridges 10 and 11 and the right-turn lane from southbound Sepulveda Boulevard to westbound Wilshire Boulevard, in the not-to-exceed amount of \$3,612,000 increasing the Total Contract Value from \$794,975,625 to \$798,587,625.
- B. Approve an increase of \$3,612,000 to the Contract No. C0882 Change Modification Authority (CMA), from \$93,450,700 to \$97,062,700, with no change to the Project 405523 Life of Project (LOP) budget.

**ISSUE**

On October 28, 2011, the Board authorized costs for required design revisions to Bridges 10 and 11 in order to accommodate a request by the Los Angeles County to add a right-turn lane from southbound Sepulveda Boulevard to westbound Wilshire Boulevard. The design is now complete, and the current Board action requests authorization for added Construction costs associated with the work.

**DISCUSSION**

Bridges 10 and 11 are part of the Wilshire Interchange. Bridge 10 is the off-ramp from northbound I-405 to westbound Wilshire Boulevard, and Bridge 11 is the on-ramp to northbound I-405 from westbound Wilshire Boulevard. When design plans for this area were sent to the Los Angeles County for review, the County requested that southbound

Sepulveda Boulevard be widened and a right-turn lane be added to westbound Wilshire Boulevard. Bridges 10 and 11 were completely redesigned to accommodate the right-turn lane. The length and abutment alignment for each bridge was modified, and the bridge type was changed to pre-cast, pre-stressed concrete girders, which will help expedite construction. Modifications were also required to several retaining walls, roadway and grading, drainage, approach slabs, and bents in adjacent bridges.

These revisions will significantly benefit the community and the traveling public. The Sepulveda/Wilshire intersection is one of the busiest intersections in Los Angeles County, and the nation. The addition of the right-turn lane will mitigate backup, improve signalization, and enhance the flow of traffic on Sepulveda Boulevard.

The Contractor has not yet submitted a cost proposal for this change. However, the work must start in order to avoid schedule impacts. Added costs for the construction work are expected to exceed \$1,000,000 and could reach \$3,612,000, and therefore Board approval is required for the change. Staff recommends that the change order be issued in phases to authorize the start of work based on Metro's rough order of magnitude estimate. Fact-finding to reach agreement on costs will take place, in accordance with Metro's policies and procedures, when the Contractor's cost proposal is received.

This action will authorize the Chief Executive Officer to issue the change in phases and concurrently negotiate the change within a value not-to-exceed \$3,612,000.

#### Increase Contract Modification Authority

On May 24, 2012, the Board approved a total Contract Modification Authority (CMA) for Contract C0882 in the amount of \$93,450,700. Contract modifications and pending changes are currently estimated to total \$91,472,871, excluding this Board action. The remaining CMA amount is insufficient to cover the estimated cost recommended above for this change and potential future changes. Staff requests that the Board increase the CMA by \$3,612,000 for Change Order No. 55. (See Attachment B for the CMA summary.)

This CMA increase is covered by contingency in the LOP budget of \$1.040 billion.

#### **DETERMINATION OF SAFETY IMPACT**

This Board action will not have an impact on established safety standards for Metro's Construction projects.

## **FINANCIAL IMPACT**

The total value of \$3,612,000 in funding for this modification is included in the FY12 budget in cost center number 8510, Construction Contracts/Procurement under Project 405523, I-405 Sepulveda Pass Widening Projects, account 53101, Acquisition of Buildings and Structures. As of February 29, 2012, \$495.3 million has been expended on right-of-way, design, construction, and project labor. The cost impact of this modification is within the life of the project (LOP) budget.

Since this is a multi-year capital project, the Executive Director, Transit Project Delivery, will be responsible for budgeting in future years.

## **IMPACT TO BUS AND RAIL OPERATING AND CAPITAL**

The source of funding for this work is FHWA funds, State of California Department of Transportation funds, and Local matching funds. These funds are not eligible for bus and rail operating and capital projects.

## **ALTERNATIVES CONSIDERED**

Staff consulted with the Los Angeles County, the City of Los Angeles, and the California Department of Transportation (Caltrans) to identify alternatives at this location. Options were explored for incorporating the right-turn lane without redesign of Bridges 10 and 11, but this was not possible. Consideration was also given to excluding this work because it was not requested by the County during review of the Project's Draft Environmental Impact Report or during discussion before the Project was bid. During design comment resolution discussions, staff informed County Department of Public Works staff that Metro considers this as a Betterment eligible for cost recovery. County staff requested that cost discussions be deferred to a later date and that the right-turn pocket be incorporated into the Project. In order to obtain County and City approvals and prevent owner-caused schedule delays, staff directed the Design-Builder to move forward with the redesign. When the Design-Builder's cost proposal for the redesign work was received, Metro's Project Manager sent a letter to the Director of the Department of Public Works and requested cost recovery. The Director of the Department of Public Works replied to Metro's Chief Executive Officer that these improvements are considered mitigation measures and the widening improvements will be constructed at no cost to the county.

This is one of the busiest intersections in the nation. If the I-405 ramps (Bridges 10 and 11) were to be constructed as originally planned and designed, it would be impossible for the County to install the southbound right-turn lane at a future date.

The Board may reject this change pending resolution of cost issues between Metro and the County, however that will delay the Project and the Design-Builder will be seek other contractual or legal remedies.

**ATTACHMENT(S)**

- A. Procurement Summary
- B. Contract Modification Authority (CMA) Summary

Prepared by: Michael A. Barbour, Executive Officer, Highway Project Management



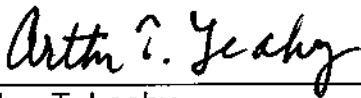
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Krishniah N. Murthy  
Executive Director  
Transit Project Delivery



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Michelle Lopes Caldwell  
Chief Administrative Services Officer



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Arthur T. Leahy  
Chief Executive Officer

## PROCUREMENT SUMMARY

## I-405 SEPULVEDA PASS IMPROVEMENTS PROJECT

1.	Contract Number: C0882	
2.	Recommended Vendor: Kiewit Infrastructure West Co.	
3.	Type of Procurement (check one) : <input type="checkbox"/> IFB <input type="checkbox"/> RFP <input type="checkbox"/> RFP – A&E <input type="checkbox"/> Non-Competitive <input checked="" type="checkbox"/> Modification <input type="checkbox"/> Task Order	
4.	Procurement Dates:	
	A. Issued: October 10, 2008	
	B. Advertised/Publicized: September 4, 2008	
	C. Pre-proposal/Pre-Bid Conference: September 22, 2008	
	D. Proposals/Bids Due: February 20, 2009	
	E. Pre-Qualification Completed: September 11, 2008	
	F. Conflict of Interest Form Submitted to Ethics: February 24, 2009	
	G. Protest Period End Date: April 30, 2009	
5.	Solicitations Picked up/Downloaded: 84	Bids/Proposals Received: 1
6.	Contract Administrator: Mary Driscoll	Telephone Number: (310) 846-2363
7.	Project Manager: Michael Barbour	Telephone Number: (310) 846-3522

**A. Procurement Background**

Procurement of Contract No. C0882 was a two-step procurement process required under Public Contract Code Section 20209.20-20209.44. The first step was the issuance of a Request for Qualifications (RFQ) to ensure qualified bidders work on the I-405 Project. Two firms were determined to be qualified on September 11, 2008. The second step was the issuance of the Invitation for Bid (IFB) to the pre-qualified firms on October 10, 2008. The Kiewit Pacific Co. bid was received February 20, 2009. Bid evaluation was in compliance with Metro Procurement policies and procedures for lowest price responsive and responsible design-build procurements.

The CEO awarded Contract No. C0882 to Kiewit Pacific Co. in the amount of \$720,922,000, including \$537,098,000 in base Contract Work, \$157,057,000 in Provisional Sum amounts to cover specified additional work that may be necessary during the performance of the work, and \$26,767,000 in Options. The Notice to Proceed was issued on June 2, 2009 with commencement of contract time on August 31, 2009 and a Substantial Completion date of May 31, 2013. In meetings on April 23, 2009, January 26, 2012, and May 24, 2012, the Board approved Contract Modification Authority (CMA) for C0882 totaling \$93,450,700. Staff

is requesting authorization to increase the CMA by \$3,612,000. This will bring the revised CMA to \$97,062,700. To date, an amount not-to-exceed \$95,084,871 has been allocated for changes (committed and/or estimated), including Change Order No. 55, which is the subject of the current recommended Board action. See Attachment B for details.

Change Order No. 55, Construct Redesigned Bridges 10 and 11, modifies the scope of work to add a right-turn lane as requested by Los Angeles County. In order to compensate the Design-Builder for costs associated with the construction work, staff is requesting authorization to allow the Chief Executive Officer to issue and negotiate a change order in an amount not-to-exceed \$3,612,000.

**B. Background on Contractor**

Kiewit Infrastructure West Company has years of experience in design-build construction projects, various types of heavy construction work, and transportation management, and has been prime contractor on highway projects nationwide. Kiewit also has firsthand knowledge of the unique southern California environment, with district offices located in Santa Fe Springs, California. Following award, Kiewit Pacific Co. informed Metro that the name of the entity performing the work has been changed to Kiewit Infrastructure West Company.

**C. Evaluation of Proposals**

The recommended not-to-exceed price for this contract modification is in compliance with Metro Procurement Policies and Procedures, as described below.

**D. Cost/Price Analysis Explanation of Variances**

The final negotiated amount will comply with all requirements of Metro Procurement policies and procedures, including fact-finding, clarifications, cost analysis and legal to determine a fair and reasonable price before the contract modification is executed.

Proposal Amount	Staff Estimate	Recommended Not-to-Exceed Amount
TBD	\$3,612,000	\$3,612,000

**E (1). Small Business Participation (Design)**

<b>SMALL BUSINESS COMMITMENT</b>	14% DESIGN	<b>CURRENT SMALL BUSINESS PARTICIPATION</b>	42.74% DESIGN
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Kiewit Infrastructure West Company made a 14% Disadvantaged Business Enterprise Anticipated Level of Participation (DALP) commitment for Design at the time of contract award. Based on the current amount paid-to-date to Kiewit, the DBE subcontract commitment is 33.17%. Current DBE participation<sup>1</sup> based on total actual amount paid-to-date to Contractor and total actual amount paid to date to DBE firms is 42.74% and includes ten (10) DBE subcontractors that have performed to-date.

<b>Current Contract Amount<sup>2</sup></b>	\$ 64,200,995
<b>Total Actual Amount Paid to Date to Prime</b>	\$ 51,524,185
<b>Total Actual Paid to Date to DBEs</b>	\$ 22,021,675

<b>DBE Subcontractors</b>	<b>Status</b>	<b>Current Commitment</b>	<b>Current Participation</b>
1. B.A, Inc. (formerly Bullock & Associates)	Performing	4.69%	14.56%
2. Earth Mechanics	Performing	4.28%	3.44%
3. FPL & Associates	Performing	7.76%	8.30%
4. Valle & Associates	Performing	14.79%	14.79%
5. C2PM	Withdrawn	0.16%	0.16%
6. AP Engineering & Testing	Performed	0.19%	0.19%
7. Jet Drilling	Performing	0.25%	0.25%
8. IDC Consulting Engineers	Performing	0.40%	0.40%
9. Diaz Yourman	Performing	0.02%	0.02%
10. Lynn Capouya, Inc.	Performing	0.63%	0.63%
	<b>TOTAL</b>	<b>33.17%</b>	<b>42.74%</b>

**E (2). Small Business Participation (Construction)**

<b>SMALL BUSINESS COMMITMENT</b>	25% CONSTRUCTION	<b>CURRENT SMALL BUSINESS PARTICIPATION</b>	2.29% CONSTRUCTION
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Kiewit Infrastructure West Company made a 25% Disadvantaged Business Enterprise (DBE) Anticipated Level of Participation (DALP) for Construction at the time of contract award. Kiewit has awarded 31 DBE subcontracts and has a current commitment of

<sup>1</sup> *Current Participation = Total Actual Amount Paid-to-Date to DBE Subs ÷ Total Actual Amount Paid-to-Date to Prime*

<sup>2</sup> *Current Contract Amount = Original Contract Amount + Contract Cost Modifications*



9.76%. Based on the total amount paid-to-date to Kiewit, the total actual amount paid-to-date to DBE subcontractor participation is 2.29%. DBE participation will increase as payments are made against existing commitments. Kiewit is expected to continue ongoing outreach and good faith efforts to meet their DBE contract commitment.

<b>Current Contract Amount<sup>2</sup></b>	\$620,662,927
<b>Total Actual Amount Paid to Date to Prime</b>	\$289,494,897
<b>Total Actual Paid to Date to DBEs</b>	\$ 6,625,260

<b>DBE Subcontractors</b>	<b>Status</b>	<b>Current Commitment</b>	<b>Current Participation</b>
1. A&M Gentry Trucking	Performing		0.00%
2. AC Dike Co.	Performing	0.00%	0.00%
3. Advanced Technology Laboratory	Performing	0.02%	0.02%
4. Allied Environmental - Did not perform CUF	Performed	0.00%	0.00%
5. Advantage Demolition & Grading, Inc.	Performing	0.02%	0.02%
6. Axiom	Performing	0.02%	0.02%
7. Blue Heaven Trucking	Performing	0.01%	0.01%
8. California Grinding Specialties dba Austin Enterprises	Performing	0.04%	0.01%
9. Cindy Trump, Inc.	Performing	0.23%	0.15%
10. Deborah Dyson Electrical	Performing	0.01%	0.02%
11. Environmental Treatment & Tech, Inc. dba Advanced Technology, Inc.	Performing	0.04%	0.02%
12. Esparza's Welding & Machine Shop	Performing	1.52%	0.48%
13. Etzalan Trucking	Performed	0.07%	0.07%
14. First Fuel, Inc.	Performing	1.38%	0.00%
15. G&F Concrete Cutting	Performing	0.60%	0.64%
16. Galvin Preservation Associates, Inc.	Performing	0.00%	0.00%
17. Global Business Solutions	Performing	0.14%	0.12%
18. Integrity Rebar Placers	Performing	0.15%	0.07%
19. Julie-Rene's Cleaning Service	Performing	0.02%	0.02%
20. Lange Group, Inc.	Performing	0.15%	0.11%
21. Lightcap Industries, Inc.	Performing	0.05%	0.05%
22. Leinaia's Transportation	Performing	0.02%	0.02%
23. Los Angeles Signal	Performing	0.08%	0.01%
24. Morgner Construction	Performing	0.15%	0.13%
25. National Group Security	Performing	0.23%	0.23%
26. Ortiz Asphalt Paving	Performing	0.01%	0.01%
27. Pacrim Engineering	Performing	0.03%	0.04%
28. Precon Products	Performing	0.00%	0.00%

<b>DBE Subcontractors</b>	<b>Status</b>	<b>Current Commitment</b>	<b>Current Participation</b>
29. Rivera Trucking	Performing	0.00%	0.00%
30. Sand Material & Aggregate Sales, Inc. dba S M Sales	To Perform	0.61%	0.00%
31. Ultra Systems	Performing	0.01%	0.01%
	<b>TOTALS</b>	9.76%	2.29%

### F(1) Design Subconsultants – All

	<b>Design Subconsultants</b>	<b>Scope of Work</b>
1	American Integrated Services	Waste Disposal Services
2	AP Engineering & Testing (DBE)	Engineering and Lab Testing Services
3	Applied Research Associates, Inc.	Geotechnical Engineering Services
4	B.A., Inc. (formerly Bullock & Associates) (DBE)	Utility Design - Data Sheets
5	Belshire Environmental Service	Transport and Dispose of Waste Drums
6	C <sub>2</sub> PM (DBE)	Document Control Services
7	Cascade Drilling	Drilling & Sampling Services for Geotechnical Exploration
8	Cell-Crete	Structural Design for Animal Crossing
9	CH2M Hill	CADD Services
10	Corpro	Corrosion Engineering Services
11	Crux Subsurface	COBOL and Logging Services for Boreholes
12	Diaz-Yourman (DBE)	Peer Review landslid issue at RW 2004
13	Dot.Dat	Data Input of Boring Logs
14	Drill Tech Drilling and Shoring	Working/Design Drawings
15	Earth Consultants	Peer review landslide issue at RW 2004
16	Earth Mechanics, Inc. (DBE)	Geotechnical Services for Bridge Portion of Project
17	Enviro-Chem	Environmental Lab Testing
18	FPL & Associates (DBE)	Highway Metering, Lighting, ITS and Freeway Sign Plans
19	Geovision	Geophysical Investigation
20	Greenmeme	Design Aesthetic Finish for Walls 1720 & 1730
21	HNTB Corporation	Designer
22	IDC Consulting Engineers (DBE)	Structural Independent Check - Bridge
23	Jet Drilling (DBE)	Drilling & Sampling Services
24	Kehoe Testing & Engineering	CPT Sounding Services
25	Kleinfelder West, Inc.	Geotechnical Services
26	Lynn Capouya, Inc. (DBE)	Design Landscape, Planting and Irrigation

	<b>Design Subconsultants</b>	<b>Scope of Work</b>
27	Malcolm Drilling Co Inc.	Micro-Pile Plans
28	Middle Earth Geo Testing	Cone Penetration Services for Geotechnical Site Investigation
29	Pacific Drilling	Boreholing for Geotechnical Site Investigation
30	PB&A	Peer Review for Retaining Walls
31	PQM	Prepare QA/QC Program
32	Psomas	Mobil LIDAR Scanning of NB and SB Sections of I-405 Mainline Pavement & Retaining Walls
33	Schnabel	Design Tie-Back Retaining Walls 1720 & 1730
34	Schiff	Identify and Mitigate Corrosive Soils
35	Simply Stated (Kathy Hamilton)	Technical Editing and Writing Services
36	SoCal Drilling	Drilling & Sampling Services for Geotechnical Borings
37	SSL	MSE Wall Working Plans
38	SubSurface Survey & Associates	Underground Utility Geophysical Location Services
39	Towill Corporation	Produce Microstation map files
40	Unison Electric	J Paul Getty Utility Relocation
41	Valle & Associates (DBE)	Design for Local Street Improvements
42	WH Pacific	Mobil LIDAR Scanning and Data Reduction Services
43	WKE	Structural Design of Bridges
44	Zeiser Kling	Lab Testing Services

## **F(2) Construction Subcontractors – All**

	<b>Construction Subcontractors</b>	<b>Scope of Work</b>
1	A&M Gentry Trucking (DBE)	Trucking Services
2	A&S Cement Contractors	Minor Concrete at Sunset Bridge
3	AC Dike (DBE)	Place Asphalt
4	Accu Bore	Direction Drilling & Installation of Conduits Under Roadways
5	ACL Construction	Concrete Barrier Rails
6	Advantage Demolition & Grading, Inc. (DBE)	Demolition of Residential Structures
7	Advocet	Aerially-Deposited Lead (ADL) Investigations
8	Alfred D Foley, Foley Construction Services	Quality Assurance Consulting Services

	<b>Construction Subcontractors</b>	<b>Scope of Work</b>
9	Allied Environmental	Aerially-Deposited Lead (ADL) Investigations
10	AllState Boring	Pipe Jacking and Boring
11	American Integrated Services	Aerially-Deposited Lead (ADL) Investigations
12	AmeriSci Los Angeles	Asbestos & Lead Paint Analytical Services
13	Anderson Drilling	Drill Shafts for CIDH Pile Installation
14	A.P. Engineering & Testing (P.O.) (DBE)	Test Samples - MSE Walls
15	Arc-Lyte Welding	Erect and Weld Column Casings
16	ASTI Transportation Systems	AWIS Equipment & Software
17	ATC Associates	Hazardous Assessment for Bridges
18	Avar Construction Systems	Shotcrete Placement
19	Avocet	Aerially-Deposited Lead (ADL) Investigations
20	Axiom (DBE)	Temporary Striping Inspection & Construction Area Sign Inspection
21	Behrens and Associates	Construction Sound Monitoring
22	Blois Construction	Underground Utilities Verizon/AT&T Conduit, Sanitary Sewer Encasement
23	Blue Heaven Trucking (DBE)	Trucking Services
24	Bragg Crane and Rigging Co.	Steel Girder & Metal Deck Erection
25	Brutoco Engineering & Construction	Bridge Construction
26	C&W Construction Specialties	Fence & Guard Railing
27	Cal Neva	Supply Bearing Pads
28	California Cold Planing	Cold Planer Rental for Grinding Asphalt
29	California Grinding Specialties dba Austin Enterprises (DBE)	Saw Concrete Pavement/Seal Pavement Joints
30	Cell-Crete Corp	Construct Animal Crossing
31	Cemex, Inc. dba Cemex Construction Materials Pacific, LLC	Supply Ready-Mix, Slurry & Jointed Plain Concrete Paving (JPCP)
32	Chambers Group, Inc	Plant Survey, Tree Inventory, Jurisdiction Delineation
33	Cindy Trump, Inc. (DBE)	Cold Planing/Asphalt Milling
34	CMC Steel Fabricators Inc. dba CMC Regional Steel	Furnish & Install Reinforcing Steel
35	Coffey Environmental	Air Monitoring & Asbestos Pipe Removal
36	Coffman Specialties	JPCP & LCB Phase II
37	Cooper Engineering, Inc.	Installation of Type 60 Concrete Barrier Rail
38	CorrPro Companies	Cathodic Protection
39	Con Fab	Install Precast Girders; Supply Pre-cast Deck Panels

	<b>Construction Subcontractors</b>	<b>Scope of Work</b>
40	Concrete Coring Company	Rock Drilling/Core Drilling/Concrete Saw Cutting, Chipping, & Roughing
41	Conestoga-Rovers & Associates	SWPPP & SPCC Plans
42	Crest Steel	Supply H-Pile
43	Crosstown Electrical & Data, Inc.	ITS Equipment & Devices
44	Crown Fence	Install Fences & Gates
45	CTI Environmental, Inc. (WBE/MBE)	ADL Haul-off/Disposal; Bird/Bat Management/Control
46	D H Charles Engineering	Design/Detailing Services
47	Dale Hinkle	Geotechnical Analysis
48	Dayton Certified Welding	Certified RIG Welders
49	Deborah Dyson Electrical (DBE)	UG Power Service Feed/Residential Electrical
50	Delcan	Caltrans IT Software
51	Dezurik	Butterfly Valves
52	Diverscape Inc. dba Diversified Landscape Co.	Vegetation Control/Weed Abatement
53	Diversified Asphalt	Place Asphalt Emulsion Tack Coat
54	Drill Tech Drilling & Shoring, Inc.	Install Permanent & Temporary Soil Nail Walls
55	Elmore Pipe Jacking	Jack & Bore
56	Environmental Treatment & Tech, Inc. dba Advanced Technology, Inc. (DBE)	Analytical Support Services; Stormwater Sample Analysis
57	EW Corporation dba Esparza's Welding & Machine Shop (DBE)	Supply Steel Beams
58	Eztatlan Trucking (DBE)	Trucking Services
59	FBD Vanguard Construction, Inc.	Jointed Plain Concrete Paving (JPCP)/& Lean Concrete Base (ICB)
60	First Fuel, Inc. (DBE)	Supply Clear & Dyed Diesel
61	Foundation Pile	Drive HP Steel & PCC Concrete Pile
62	G&F Concrete Cutting (DBE)	Mobilization (Pre-construction) Saw-Cutting; Concrete Saw Cutting, Rock Drilling, Roughening of Surface
63	Galvin Preservation Associates, Inc. (DBE)	Historical Recordation of Mulholland Bridge
64	Global Business Solutions (DBE)	Document Control Services
65	Graffiti Control Systems	Graffiti Cleanup
66	Griffith Company	Retrofit, Structural Bridges, Excavation, Backfill, Misc Bridge Metals, Misc Demo
67	Harber Companies, Inc.	Concrete Saw Cutting, Concrete Grind
68	Hydrosprout, Inc.	Hydro Mulching/Hydro Seeding
69	Infra-Structures Aggregates, Inc.	Furnish & Delivery Sand & Rock, Provide Onsite Crushing

	<b>Construction Subcontractors</b>	<b>Scope of Work</b>
70	Integrity Rebar Placers (DBE)	Structural & Masonry Wall Rebar
71	Jack Barry & Associates, Inc.	Vibration & Noise Consulting & Monitoring
72	JM Turner Engineering, Inc.	Engineering, Consulting, & Detailing
73	Julie-Rene's Cleaning (DBE)	Project Office Janitorial Services
74	Koppl	Pipe Tapping Services
75	L Johnson Construction Inc.	Masonry Walls
76	Lange Group, Inc. (DBE)	Excavate/Haul Z3 Material
77	Leinaia's Transportation (DBE)	Trucking Services
78	Lightcap Industries, Inc., dba JC Supply & Manufacturing (DBE)	Manufacture/Supply Epoxy-Coated Dowels & Tie Bars
79	Lindy's Cold Planing (DBE)	Asphalt Grinder
80	Los Angeles Signal Construction, Inc. (DBE)	Furnish/Install Traffic Loops
81	LVI Environmental Services, Inc. dba LVI Facility Services	Remove/Dispose Hazardous Materials from Residential Structures
82	Malcolm Drilling	CIDH Piles & Solder Piles
83	Mass Electric Co.	Electrical Construction Services
84	Matt Chlor	Disinfect Pipe
85	McCain, Inc.	Lighting, ITS, & Traffic Signal Supply
86	Morgner Technology Management dba Morgner Construction Management (DBE)	Preconstruction Survey
87	Morris Engineering	Temporary Falsework/Shoring Design Consultant
88	National Group Security (DBE)	Unarmed Site Security
89	Nor Cal Pipeline	CCTV/Sewer Clean
90	Northwest Excavating, Inc.	Relocation of AT&T and Verizon Services
91	Northwest Pipe Co.	Supply CML Pipe
92	Ortiz Asphalt (DBE)	Yard Development - AC Paving
93	Pacific Coast Steel	Supply/Install Concrete Reinforcing Steel
94	Pac Rim Engineering (DBE)	Cantilever Temporary Shoring Design
95		Grind Asphalt
96	PB&A, Inc.	Soldier Pile/Tie-Back Shoring Design
97	Penhall Company	Bridge/Ramp Demolition and Haul Off, Sawcutting
98	Pre-Con Products (DBE)	Supply 48-inch Sewer Manhole Shaft Material
99	Redlands Transport, Inc. (DBE)	Trucking - Equipment & Supplies
100	Reycon	Install CMU Block
101	Rialto Concrete	Furnish & Deliver Concrete Pipe
102	Rivera Trucking (DBE)	Transport Rock, Sand, Gravel, Asphalt, and Dirt

	<b>Construction Subcontractors</b>	<b>Scope of Work</b>
103	RMA Group	Off-Site Testing for MSE Walls/On-Site Testing for Ductbank
104	Robert B Longway	CIP Storm Drains & Catch Basins
105	Royer Engineering	Lead Based Paint & Asbestos Surveys
106	Sand Material & Aggregate Sales, Inc. dba S M Sales (DBE)	Supply & Deliver CLII & CLIII
107	Schaf Photo	Location Photograph
108	Seven Elk Ranch	Tree Survey
109	Smith Monroe Gray	Engineering Design, Consulting, & Detail Services
110	Southern Inspection, Inc.	NDE & NDT Testing of Fabricated Girders
111	SSL	Supply Precast Panels
112	Statewide Safety & Signs, Inc. (formerly Flashco, Inc.)	Traffic Management
113	Sterndahl	Striping
114	Steve Bubalo Construction Company, Inc.	UG Utilities - Sanitary Sewer; Portable Crushing
115	Techno Coatings, Inc.	Abrasive-Blast & Zinc-Coat Column Casings
116	Techntonext Corp. dba Precision Shotcrete Innovations	Top of Wall Gutters & V-Ditches
117	Traffic Solutions, Inc.	Overhead & Roadside Signs
118	UG Utilities	Verizon/AT&T Communications Conduit, Sanitary Sewer Encasement
119	Ultrasystems Environmental (DBE)	Noise Abatement Plan
120	Ultra Welding	Pipe Welding
121	Unison Electric	Demolition and Temporary Relocation of Utilities
122	United Pumping	Emergency Response Crew & Equipment
123	US Demo	Tree Removal & Clearing
124	WA Rasic	Sanitary Sewer Work
125	Western Paving Constructors, Inc.	Hot Mix Asphalt Paving

## CONTRACT MODIFICATION AUTHORITY (CMA) SUMMARY

## C0882 DESIGN BUILD CONTRACT

MOD or CN/CO	Description	Value
MOD 1	I-405 Provisional Sum Fund Adjustment - Utility Work	\$0
MOD 2	TP # (Utilities) Changes to Design Builder Requirements	\$0
MOD 3	Revision to Technical Provisional 19 (TP 19)	\$0
MOD 4	Revisions to Contract C0882 Article 9.5(d)(2)(A)	\$0
MOD 5	I-405 Provisional Sum Fund Adjustment - Hazardous Material	\$0
MOD 6	Cancelled	\$0
MOD 7	Cancelled	\$0
MOD 8	Widening of Sepulveda Between Station 1719+75 and 1756+50 and Design Options 1720 and 1730 Retaining Walls - Design	\$1,404,158
MOD 9.01	Realign I-405 between Stations 1754+00 and 1839+75 - Design including Approved for Construction (CN-7 and CN-22)	\$3,000,000
MOD 10	Realign Mulholland Drive - Design	\$825,556
MOD 11.01	Study to Determine Future Alignment Between Getty Center Drive and Sunset	\$99,542
MOD 12.02	Revision of Base TOPO Drawings/Reversible Lane Temporary Lights and Signals	\$180,643
MOD 13	I-405 Provisional Sum Adjustment - Local Area Drainage	\$0
MOD 14	I-405 Provisional Sum Adjustment - Schedule C Item 7 (Hazardous Material)	\$0
MOD 15	Artists Project Renderings	\$111,052
MOD 16	I-405 Provisional Sum Adjustment - Schedule C- Utility Work	\$0
MOD 17	SWPPP Compensation	\$6,998,666
MOD 18.02	Sunset Bridge 16 Foundation Redesign (to accommodate temporary shoring)	\$157,325
MOD 19	Traffic Calming Measures - Installation of Speed Bumps at Rosamare	\$38,654
MOD 20	Acceleration of Demolition of Mulholland Drive Overcrossing - Opening Full Freeway Closure Early	\$300,000
MOD 21	Redesign Bridge 10 and 11	\$1,192,985
MOD 22	Unilateral - Construct I-405 Realignment between Stations 1754+00 and 1839+75 including Getty Center Improvements - Area 5	\$27,300,000
MOD 23	City of Los Angeles Reversible Lane Project - Overlapping Areas	\$2,600,000



<b>MOD or CN/CO</b>	<b>Description</b>	<b>Value</b>
MOD 24	Title 23 CFR 635.410 Buy America Certificate	\$0
MOD 25	Unilateral - Provisional Sum Credit for Utility Work	(\$16,750,000)
MOD 26	Unilateral - Construct Sepulveda Widening from Montana to Church, including Walls 1720, 1730, and 1746	(\$4,057,000)
MOD 27	Betterment LADWP Conduits at Mulholland Bridge	\$1,733,163
MOD 28	Increase Schedule C Provisional Sum Value	\$39,950,000
MOD 29	Design to Widen the Eastside of Sepulveda Boulevard South of Wilshire Boulevard	\$136,166
MOD 30	Design Change to Wilshire Boulevard West of I-405 Based on County of LA Comments	\$143,653
MOD 31	Increase Schedule C Provisional Sum Value	\$16,550,000
MOD 32	Design to Mitigate the Landslide Condition at Wall 1868 Station 1879+20 - Bel Air Crest	\$285,657
MOD 33	Design to Add Dual Left-Turn Lanes on Sepulveda Boulevard to Wilshire Boulevard	\$21,616
MOD 34	Soundwall #104 Height and Limit Revisions	\$304,285
MOD 35	Design Extension of the Auxiliary Lane on Sepulveda Blvd Between the New SB Skirball Ramps and Skirball Bridge - Auxiliary Lane	\$77,789
MOD 36	Design Extension of Auxiliary Lane on Sepulveda Between the New SB Skirball Ramps and Skirball Bridge -RT-Turn Lane of the City Reversible/Bike Lane	\$128,402
<b>Subtotal MODs</b>		<b>\$82,732,312</b>
CN/CO 26	Segment 3 Drainage Repairs in Caltrans ROW (at Station 1900, 1905 and 1884+50)	\$149,672
CN/CO 31	Furnish and Install Sunset Bridge 16 Temporary Shoring	\$188,153
CN/CO 32	Redesign Mulholland Drive (Bridge 22) to Rephase Demolition and Construction	\$2,069,163
CN/CO 35	Additional Construction Work Due to the Rephasing of Mulholland Drive OC Demolition	\$3,764,593
CN/CO 42	Furnish and Install Type 1 GRS Power Conduit for Caltrans Lighting Facilities	\$2,248,245
CN/CO 45	Design and Furnish a Sign at the Salvation Army	\$117,500
CN/CO 46	Unilateral Phase 1 Redesign - Southern Portion of Northbound Getty Center Drive On-ramp (Eastside) to Avoid Giro Property Easement	\$105,565
CN/CO 49	Unilateral - Westbound Dual-Left Turn on Mulholland Drive	\$66,176
CN/CO 54	Unilateral - Demolish and Remove Veterans Administration Storage Shed in Work Zone of Wall 1675	\$31,492
CN/CO 55	Construct Bridges 10 and 11 Redesign <sup>1</sup>	\$3,612,000
<b>Subtotal Pending CN/COs</b>		<b>\$12,352,559</b>

MOD or CN/CO	Description	Value
	<b>TOTAL MODS AND PENDING CHANGES TO DATE (Including this recommended action for MOD 31)</b>	<b>\$95,084,871</b>
	<b>CMA AUTHORIZED BY THE BOARD (April 23, 2009 + January 26, 2012 + May 24, 2012)</b>	<b>\$93,450,700</b>
	<b>INCREASED CMA REQUEST TO JUNE 2012 BOARD</b>	<b>\$3,612,000</b>
	<b>TOTAL CMA INCLUDING THIS RECOMMENDED ACTION</b>	<b>\$97,062,700</b>
	<b>REMAINING CMA FOR FUTURE CHANGES</b>	<b>\$1,977,829</b>

**Notes:**

- 1 This Board Action - June 2012.