



**Metro**

Los Angeles County  
Metropolitan Transportation Authority

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**42**

**CONSTRUCTION COMMITTEE  
JULY 18, 2013**

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

**ACTION: AUTHORIZATION FOR CONTRACT MODIFICATION**

**RECOMMENDATION**

Authorize the Chief Executive Officer to execute multiple change orders in phases to Contract No. C0882, with Kiewit Infrastructure West Company (Kiewit), for a total cumulative value not-to-exceed a credit of \$5.4 million, with no change to the LOP budget, to allow the existing Getty Center Drive on and off ramps to remain in their current configuration, decreasing the total contract value from \$833,396,479 to \$827,996,479.

**DISCUSSION**

Preliminary Engineering plans showed the existing Getty Center Drive ramps to be new ramp configurations. This required Caltrans to purchase property from the Santa Monica Mountains Conservancy. Caltrans purchased the property in a timely manner, but did not know that an easement existed which is in conflict with the new ramp configurations. The easement owner (Giro Property) filed a lawsuit against the I-405 Project, however, the lawsuit was dismissed when Caltrans provided the courts with documentation showing that a new design would be prepared that did not overlap the easement.

In Fall 2011, Metro stopped work on the portions of the work in conflict with the easement. At that time, the design for the new ramp configurations had been completed, in accordance with the original base scope, and construction was in-process. Since then, Caltrans, Metro, and Kiewit have explored several design alternatives to avoid the easement. The parties endeavored to redesign the new ramps, but a design solution acceptable to all parties has not been identified. After reviewing the alternatives, Caltrans determined that the existing northbound Getty Center Drive ramps will remain in place and Caltrans will build reconfigured ramps as part of a future project. Caltrans is preparing an Environmental Impact Report (EIR) addendum for leaving the ramps in their current configuration.

This action will authorize the Chief Executive Officer to issue multiple change orders with a combined value not-to-exceed a credit of \$5.4 million for construction associated with leaving the Getty ramps in place. This credit value is based on Metro's Rough Order of Magnitude (ROM) estimate for the work, consisting of an estimated \$5.8 million in added costs, less an estimated credit of \$11.2 million for the deleted work. Because the scope of work has not been finalized, Metro and Kiewit have not been able to finalize estimates for the work. Kiewit has, however, informed staff that this change will likely result in an overall credit to the Contract price.

In accordance with Metro's procurement policies and procedures, Metro and Kiewit will meet in fact-finding sessions to agree on the scope and a fair and reasonable value for the work (including the credit). Pending agreement on costs, the work will be authorized by issuing one or more unilateral change orders based on Metro's estimate. Because the scope is not yet finalized, one or more of these change orders may be for added costs, however, the combined value for the multiple change orders will be a credit to the Contract price. The credit value will be added to the contingency. Any schedule impacts associated with this change will be included in a separate change order.

### **DETERMINATION OF SAFETY IMPACT**

The changes identified in this board report will have no impact on safety of the overall I-405 Project at completion.

### **FINANCIAL IMPACT**

The credit value of this modification will increase the contingency in cost center number 8510, Construction Contracts/Procurement under Project 405523, I-405 Sepulveda Pass Widening Projects, account 50960, Contingency – Capital/Construction.

### **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**

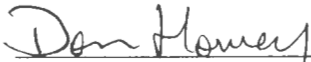
As is indicated above, alternatives were explored to avoid the easement, however, implementing the ramp configuration shown in the EIR would render a risk of a new lawsuit /injunction against the project. Additionally, designing and building a different

alignment under the I-405 Project would have resulted in unknown additional cost and schedule impacts.

**ATTACHMENT(S)**

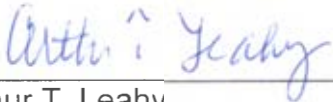
- A. Procurement Summary
- B. Contract Modification / Change Order Log

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for Michelle Lopes Caldwell  
Chief Administrative Services Officer



Krishniah N. Murthy  
Executive Director  
Transit Project Delivery



Arthur T. Leahy  
Chief Executive Officer

## PROCUREMENT SUMMARY

## I-405 SEPULVEDA PASS IMPROVEMENTS PROJECT

1.	<b>Contract No.:</b> C0882		
2.	<b>Contractor:</b> Kiewit Infrastructure West Company. (Formerly Kiewit Pacific Company)		
3.	<b>Mod. Work Description:</b> Leave Existing Getty Ramps in Place		
4.	<b>Work Description:</b> Add HOV Lane and improvements on I-405 Freeway		
5.	<b>The following data is current as of :</b>	May 31, 2013	
6.	<b>Contract Completion Status -</b>		
	Bids Opened	2/20/09	% Complete \$ 76.2%
	Contract Awarded	4/23/09	% Complete Time 81.6%
	NTP	6/2/09	Orig. Contract Days 1640
	Orig. Complete Date	11/27/13	Change Order Days 149
	Current Est. Comp Date	4/25/14	Suspended Days 0
			Total Revised Days 1789
7.	<b>Financial Status -</b>		
	Contract Award Amount	\$720,922,000	
	Total Contract Modification Authority (CMA)	\$146,334,772	
	Total of Mods/Changes Issued to Date	\$106,091,085	
	Total of Mods/Changes Pending to Date (including this action)	\$ 6,813,851	
	Current Contract Value	\$827,013,085	
8.	<b>Contract Administrator:</b> Mike Holguin	<b>Telephone Number:</b> (310) 846-2400	
9.	<b>Project Manager:</b> Michael Barbour	<b>Telephone Number:</b> (310) 846-3522	

**A. Procurement Background**

This contract change was handled in accordance with the LACMTA approved procedures for contract modifications.

On April 23, 2009, Contract No. C0882 was awarded to Kiewit Pacific Company, the lowest responsive and responsible bidder, 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.

Attachment B shows that 74 approved modifications/changes, totaling \$106,092,565 have been issued to date to add and/or delete work, and 32 pending modifications/changes, totaling \$6,813,851, are in-process for additional changes (including the recommended Board Action.)

**B. Cost/Price Analysis**

The price for this change will be determined to be fair and reasonable in compliance with Metro Procurement Policies and Procedures. The final negotiated amount will comply with all requirements of LACMTA's Procurement policies and procedures, including fact-finding, clarifications, cost analysis, and technical evaluation.

	Proposal Amount	MTA ROM Estimate	Negotiated Amount
1.	\$TBD	(\$5,400,000)	TBD

**C(1) Small Business Participation - Design**

<b>DISADVANTAGED BUSINESS COMMITMENT</b>	14% DESIGN	<b>DISADVANTAGED BUSINESS PARTICIPATION</b>	39.01% 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. Kiewit's current DBEs are performing at 36.18% of the Design work, exceeding the original commitment. DBE current paid-to-date<sup>1</sup> based on total amount paid-to-date to Kiewit and total actual amount paid to date to DBE firms is 39.01%, and ten (10) DBE subcontractors that have performed to-date.

<b>Current Contract Amount (Design)</b>	\$ 78,039,855
<b>Total Actual Amount Paid-to-Date to Prime</b>	\$ 72,380,748
<b>Total Actual Paid-to-Date to DBEs</b>	\$ 28,237,605

DBE Subcontractors	Performing	Paid To-Date
1. B.A, Inc. (formerly Bullock & Associates)	13.23%	14.26%
2. Earth Mechanics	2.79%	3.00%
3. FPL & Associates	6.58%	7.09%
4. Valle & Associates	12.29%	13.25%
5. C2PM	0.11%	0.12%
6. AP Engineering & Testing	0.13%	0.14%
7. Jet Drilling	0.16%	0.18%
8. IDC Consulting Engineers	0.27%	0.30%
9. Diaz Yourman	0.01%	0.01%
10. Lynn Capouya, Inc.	0.62%	0.66%
<b>TOTAL</b>	<b>36.18%</b>	<b>39.01%</b>

**C(2) Disadvantaged Business Participation – Construction**

<b>DISADVANTAGED BUSINESS COMMITMENT</b>	25% DBE CONSTRUCTION	<b>DISADVANTAGED BUSINESS PARTICIPATION</b>	3.80% DBE CONSTRUCTION
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Kiewit Infrastructure West Company made a 25% Disadvantaged Business Enterprise (DBE) Anticipated Level of Participation (DALP) commitment for Construction at the time of contract award. Kiewit’s current DBEs are performing 3.80% of the construction work. DBE current paid-to-date<sup>1</sup> is based on the total amount paid to-date to Kiewit and the total amount paid to-date to DBE firms is 5.62%. Kiewit listed 40 DBE subcontractors that have performed to-date. Kiewit is expected to continue ongoing outreach to DBEs for remaining construction opportunities.

<b>Current Contract Amount (Construction)</b>	\$640,882,656
<b>Total Actual Amount Paid-to-Date to Prime</b>	\$433,168,540
<b>Total Actual Paid-to-Date to DBEs</b>	\$ 24,362,629

<b>DBE Subcontractors</b>	<b>Performing</b>	<b>Paid To-Date</b>
1. A&M Gentry Trucking	0.19%	0.28%
2. AC Dike Co.	0.00%	0.00%
3. Allied Environmental - Did not perform CUF	0.00%	0.00%
4. Advantage Demolition & Grading, Inc.	0.01%	0.02%
5. AP Engineering and Testing	0.01%	0.02%
6. Arco Trucking	0.05%	0.08%
7. Axiom	0.01%	0.01%
8. Blue Heaven Trucking	0.00%	0.01%
9. California Grinding Specialties dba Austin Enterprises	0.01%	0.01%
10. Cindy Trump, Inc.	0.11%	0.17%
11. Clean Up America	0.15%	0.22%
12. Columbo Trucking	0.00%	0.00%
13. Deborah Dyson Electrical	0.02%	0.02%
14. Environmental Treatment & Tech, Inc. dba Advanced Technology, Inc.	0.01%	0.01%
15. Esparza's Welding & Machine Shop	0.73%	1.09%
16. Etzalan Trucking	0.08%	0.12%
17. First Fuel, Inc.	0.00%	0.00%
18. G&F Concrete Cutting	0.51%	0.75%
19. Galvin Preservation Associates, Inc.	0.00%	0.00%
20. Global Business Solutions	0.09%	0.13%
21. H&L Dump Service	0.01%	0.02%
22. Integrity Rebar Placers	0.07%	0.11%
23. Julie-Rene's Cleaning Service	0.02%	0.02%
24. Lange Group, Inc.	0.19%	0.27%
25. Lightcap Industries, Inc.	0.03%	0.04%
26. Lindy Coldplaning	0.01%	0.01%

<b>DBE Subcontractors</b>	<b>Performing</b>	<b>Paid To-Date</b>
27. Leinaia's Transportation	0.01%	0.01%
28. Los Angeles Signal	0.01%	0.01%
29. Morgner Construction	0.06%	0.09%
30. National Group Security	0.14%	0.21%
31. O.C. Vacuum	1.12%	1.65%
32. Ortiz Asphalt Paving	0.01%	0.01%
33. Pacrim Engineering	0.03%	0.05%
34. Precon Products	0.00%	0.00%
35. Rivera Trucking	0.00%	0.00%
36. Sand Material & Aggregate Sales, Inc. dba S M Sales	0.5%	0.7%
37. Strive Concrete	0.01%	0.01%
38. Ultra Systems	0.01%	0.01%
39. Villaueva & Son's Trucking	0.05%	0.08%
40. Vision Trucking	0.00%	0.00%
<b>TOTAL</b>	<b>3.80%</b>	<b>5.62%</b>

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

### **D(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	Corrpro	Corrosion Engineering Services
11	Crux Subsurface	COBOL and Logging Services for Boreholes
12	DC Engineering	IDR Review, IDF and FDC Support, Facilitate City Task Force Meetings
13	Diaz-Yourman (DBE)	Peer Review landslid issue at RW 2004
14	Dot.Dat	Data Input of Boring Logs
15	Drill Tech Drilling and Shoring	Working/Design Drawings
16	Earth Consultants	Peer review landslide issue at RW 2004



	<b>Design Subconsultants</b>	<b>Scope of Work</b>
17	Earth Mechanics, Inc. (DBE)	Geotechnical Services for Bridge Portion of Project
18	Enviro-Chem	Environmental Lab Testing
19	FPL & Associates (DBE)	Highway Metering, Lighting, ITS and Freeway Sign Plans
20	Geovision	Geophysical Investigation
21	Greenmeme	Design Aesthetic Finish for Walls 1720 & 1730
22	HNTB Corporation	Designer
23	IDC Consulting Engineers (DBE)	Structural Independent Check - Bridge
24	Jet Drilling (DBE)	Drilling & Sampling Services
25	Kehoe Testing & Engineering	CPT Sounding Services
26	Kleinfelder West, Inc.	Geotechnical Services
27	Lynn Capouya, Inc. (DBE)	Design Landscape, Planting and Irrigation
28	Malcolm Drilling Co Inc.	Micro-Pile Plans
29	Middle Earth Geo Testing	Cone Penetration Services for Geotechnical Site Investigation
30	Pacific Drilling	Boreholing for Geotechnical Site Investigation
31	PB&A	Peer Review for Retaining Walls
32	PQM	Prepare QA/QC Program
33	Psomas	Mobil LIDAR Scanning of NB and SB Sections of I-405 Mainline Pavement & Retaining Walls
34	Schnabel	Design Tie-Back Retaining Walls 1720 & 1730
35	Schiff	Identify and Mitigate Corrosive Soils
36	Simply Stated (Kathy Hamilton)	Technical Editing and Writing Services
37	SoCal Drilling	Drilling & Sampling Services for Geotechnical Borings
38	SSL	MSE Wall Working Plans
39	SubSurface Survey & Associates	Underground Utility Geophysical Location Services
40	Towill Corporation	Produce Microstation map files
41	Unison Electric	J Paul Getty Utility Relocation
42	Valle & Associates (DBE)	Design for Local Street Improvements
43	WH Pacific	Mobil LIDAR Scanning and Data Reduction Services
44	WKE	Structural Design of Bridges
45	Zeiser Kling	Lab Testing Services

## D(2) Construction Subcontractors – All

	<b>Construction Subcontractors</b>	<b>Scope of Work</b>
1	A&M Gentry Trucking (DBE)	Trucking Services, onsite/offsite backfill haul trucking operation
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	Alameda Construction Services	Form, Place and Finish Msc Concrete Structures
9	Alfred D Foley, Foley Construction Services	Quality Assurance Consulting Services
10	Allied Environmental	Aerially-Deposited Lead (ADL) Investigations
11	Allstate Boring	Pipe Jacking and Boring
12	American Integrated Services	Aerially-Deposited Lead (ADL) Investigations
13	AmeriSci Los Angeles	Asbestos & Lead Paint Analytical Services
14	A.P. Engineering & Testing (P.O.) (DBE)	Test Samples - MSE Walls
15	Arc-Lyte Welding	Erect and Weld Column Casings
16	Arco Trucking (DBE)	Trucking
17	ASTI Transportation Systems	AWIS Equipment & Software
18	ATC Associates	Hazardous Assessment for Bridges
19	Avar Construction Systems	Shotcrete Placement
20	Avocet	Aerially-Deposited Lead (ADL) Investigations
21	Axiom (DBE)	Temporary Striping Inspection & Construction Area Sign Inspection
22	Behrens and Associates	Construction Sound Monitoring
23	Blois Construction	Underground Utilities Verizon/AT&T Conduit, Sanitary Sewer Encasement
24	Blue Heaven Trucking (DBE)	Trucking Services
25	Bragg Crane and Rigging Co.	Steel Girder & Metal Deck Erection
26	Brutoco Engineering & Construction	Bridge Construction
27	C&W Construction Specialties	Fence & Guard Railing
28	Cal Neva	Supply Bearing Pads
29	California Cold Planing	Cold Planer Rental for Grinding Asphalt

	<b>Construction Subcontractors</b>	<b>Scope of Work</b>
30	California Grinding Specialties dba Austin Enterprises (DBE)	Saw Concrete Pavement/Seal Pavement Joints
31	Cell-Crete Corp	Construct Animal Crossing
32	Cemex, Inc. dba Cemex Construction Materials Pacific, LLC	Supply Ready-Mix, Slurry & Jointed Plain Concrete Paving (JPCP)
33	Chambers Group, Inc	Plant Survey, Tree Inventory, Jurisdiction Delineation
34	Cindy Trump, Inc. (DBE)	Cold Planing/Asphalt Milling
35	Clean-Up America (DBE)	Containers
36	CMC Steel Fabricators Inc. dba CMC Regional Steel	Furnish & Install Reinforcing Steel
37	Coffman Specialties	JPCP & LCB Phase II
38	Columbo Trucking (DBE)	Trucking
39	Comet Electric, Inc.	Temporary and Permanent Traffic Signals
40	Cooper Engineering, Inc.	Installation of Type 60 Concrete Barrier Rail
41	CorrPro Companies	Cathodic Protection
42	Con Fab	Install Precast Girders; Supply Pre-cast Deck Panels
43	Concrete Coring Company	Rock Drilling/Core Drilling/Concrete Saw Cutting, Chipping, & Roughing
44	Conestoga-Rovers & Associates	SWPPP & SPCC Plans
45	Crest Steel	Supply H-Pile
46	Crosstown Electrical & Data, Inc.	ITS Equipment & Devices
47	Crown Fence	Install Fences & Gates
48	CTI Environmental, Inc. (WBE/MBE)	ADL Haul-off/Disposal; Bird/Bat Management/Control
49	DB Digital Documentation	Production Service Agreement
50	D H Charles Engineering	Design/Detailing Services
51	Dale Hinkle	Geotechnical Analysis
52	Dayton Certified Welding	Certified RIG Welders
53	Deborah Dyson Electrical (DBE)	UG Power Service Feed/Residential Electrical
54	Delcan	Caltrans IT Software
55	Dezurik	Butterfly Valves
56	Diverscape Inc. dba Diversified Landscape Co.	Vegetation Control/Weed Abatement
57	Diversified Asphalt	Place Asphalt Emulsion Tack Coat
58	Drill Tech Drilling & Shoring, Inc.	Install Permanent & Temporary Soil Nail Walls
59	Elmore Pipe Jacking	Jack & Bore

	<b>Construction Subcontractors</b>	<b>Scope of Work</b>
60	Environmental Treatment & Technology, Inc. dba Advanced Technology, Inc. (DBE)	Analytical Support Services; Stormwater Sample Analysis
61	EW Corporation dba Esparza's Welding & Machine Shop (DBE)	Supply Steel Beams
62	Ezatlán Trucking (DBE)	Trucking Services
63	FBD Vanguard Construction, Inc.	Jointed Plain Concrete Paving (JPCP)/& Lean Concrete Base (ICB)
64	First Fuel, Inc. (DBE)	Supply Clear & Dyed Diesel
65	Foundation Pile	Drive HP Steel & PCC Concrete Pile
66	G&F Concrete Cutting (DBE)	Mobilization (Pre-construction) Saw-Cutting; Concrete Saw Cutting, Rock Drilling, Roughening of Surface
67	Galvin Preservation Associates, Inc. (DBE)	Historical Recordation of Mulholland Bridge
68	Global Business Solutions (DBE)	Document Control Services
69	Global Road Sealing (DBE)	Crack and Joint Sealant
70	Golden State Boring and Pipe Jacking	Jack and Bore Drain 48" Casing
71	Graffiti Control Systems	Graffiti Cleanup
72	Griffith Company	Retrofit, Structural Bridges, Excavation, Backfill, Misc Bridge Metals, Misc Demo
73	H&L Dump Service (DBE)	Trucking
74	Harber Companies, Inc.	Concrete Saw Cutting, Concrete Grind
75	Hayward Baker (formerly Anderson Drilling)	Drill Shafts for CIDH Pile Installation
76	Hydrosprout, Inc.	Hydro Mulching/Hydro Seeding
77	Infra-Structures Aggregates, Inc.	Furnish & Delivery Sand & Rock, Provide Onsite Crushing
78	Integrity Rebar Placers (DBE)	Structural & Masonry Wall Rebar
79	Jack Barry & Associates, Inc.	Vibration & Noise Consulting & Monitoring
80	Jezowski and Markel	Corridor Wide Textured Paving
81	JM Turner Engineering, Inc.	Engineering, Consulting, & Detailing
82	Julie-Rene's Cleaning (DBE)	Project Office Janitorial Services
83	Koppl	Pipe Tapping Services
84	L Johnson Construction Inc.	Masonry Walls
85	Lange Group, Inc. (DBE)	Excavate/Haul Z3 Material
86	Leinaia's Transportation (DBE)	Trucking Services
87	Lightcap Industries, Inc., dba JC Supply & Manufacturing (DBE)	Manufacture/Supply Epoxy-Coated Dowels & Tie Bars
88	Lindy's Cold Planing (DBE)	Asphalt Grinder
89	Los Angeles Signal Construction, Inc. (DBE)	Furnish/Install Traffic Loops
90	LVI Environmental Services, Inc. dba LVI Facility Services	Remove/Dispose Hazardous Materials from Residential Structures
91	Malcolm Drilling	CIDH Piles & Solder Piles

	<b>Construction Subcontractors</b>	<b>Scope of Work</b>
92	Mass Electric Co.	Electrical Construction Services
93	Matt Chlor	Disinfect Pipe
94	McCain, Inc.	Lighting, ITS, & Traffic Signal Supply
95	Morgner Technology Management dba Morgner Construction Management (DBE)	Preconstruction Survey
96	Morris Engineering	Temporary Falsework/Shoring Design Consultant
97	National Group Security (DBE)	Unarmed Site Security
98	Niagara Testing	CWI Inspection Services for Fabrication of PTFE Spherical Bearings
99	Nor Cal Pipeline	CCTV/Sewer Clean
100	Northwest Excavating, Inc.	Relocation of AT&T and Verizon Services
101	Northwest Pipe Co.	Supply CML Pipe
102	O.C. Vacuum Environmental Service (DBE)	Bin Maintenance/Haul-off/Disposal
103	Ortiz Asphalt (DBE)	Yard Development - AC Paving
104	Pacific Coast Steel	Supply/Install Concrete Reinforcing Steel
105	Pac Rim Engineering (DBE)	Cantilever Temporary Shoring Design
106	Pavement Recycling	Grind Asphalt
107	PB&A, Inc.	Soldier Pile/Tie-Back Shoring Design
108	Penhall Companies	Bridge/Ramp Demolition and Haul Off, Sawcutting
109	Pre-Con Products (DBE)	Supply 48-inch Sewer Manhole Shaft Material
110	Pressure Grout Company	Annular Space Grout/Fill for Area 7 24" Waterline
111	Reycon	Install CMU Block
112	Rialto Concrete	Furnish & Deliver Concrete Pipe
113	Rivera Trucking (DBE)	Transport Rock, Sand, Gravel, Asphalt, and Dirt
114	RMA Group	Off-Site Testing for MSE Walls/On-Site Testing for Ductbank
115	Robert B Longway	CIP Storm Drains & Catch Basins
116	Rock Bottom	Landscaping and Irrigation
117	Royer Engineering	Lead Based Paint & Asbestos Surveys
118	Saf-T-Co	Supply PVC and GRC Conduit and Fittings
119	Sand Material & Aggregate Sales, Inc. dba S M Sales (DBE)	Supply & Deliver CLII & CLIII
120	Schaf Photo	Location Photograph
121	Seven Elk Ranch	Tree Survey
122	Seville Construction Services	QC Inspectors - MSE Walls/DOT, and Cast-in-Place

	<b>Construction Subcontractors</b>	<b>Scope of Work</b>
123	Smith Monroe Gray	Engineering Design, Consulting, & Detail Services
124	Southern Inspection, Inc.	NDE & NDT Testing of Fabricated Girders
125	SSL	Supply Precast Panels
126	Statewide Safety & Signs, Inc. (formerly Flashco, Inc.)	Traffic Management
127	Sterndahl	Striping
128	Steve Bubalo Construction Company, Inc.	UG Utilities - Sanitary Sewer; Portable Crushing
129	Strive Concrete (DBE)	Sawcutting
130	Techno Coatings, Inc.	Abrasive-Blast & Zinc-Coat Column Casings
131	Techtonex Corp. dba Precision Shotcrete Innovations	Top of Wall Gutters & V-Ditches
132	Traffic Solutions, Inc.	Overhead & Roadside Signs
133	Ultrasystems Environmental (DBE)	Noise Abatement Plan
134	Ultra Welding	Pipe Welding
135	Unison Electric	Demolition and Temporary Relocation of Utilities
136	United Pumping	Emergency Response Crew & Equipment
137	US Demo	Tree Removal & Clearing
138	Villanueva and Sons Trucking (DBE)	Trucking
139	Vision Trucking (DBE)	Trucking
140	WA Rasic	Sanitary Sewer Work
141	Western Paving Constructors, Inc.	Hot Mix Asphalt Paving
142	Winefield & Associates dba Alta Environmental (formerly Coffey Environmental)	Air Monitoring and Asbestos Pipe Removal

## CONTRACT MODIFICATION / CHANGE ORDER LOG

## C0882 DESIGN BUILD CONTRACT

Item No.	MOD No.	Description	Status (Approved or Pending)	Approved Cost (Issued to Kiewit)	Pending Cost (to be Issued to Kiewit)
1	MOD 1	I-405 Provisional Sum Fund Adjustment - Utility Work	Approved	\$0	
2	MOD 2	TP # (Utilities) Changes to Design Builder Requirements	Approved	\$0	
3	MOD 3	Revision to Technical Provisional 19 (TP 19)	Approved	\$0	
4	MOD 4	Revisions to Contract C0882 Article 9.5(d)(2)(A)	Approved	\$0	
5	MOD 5	I-405 Provisional Sum Fund Adjustment - Hazardous Material	Approved	\$0	
6	MOD 6	Cancelled	Approved	\$0	
7	MOD 7	Cancelled	Approved	\$0	
8	MOD 8.01	Unilateral CO 6.02 - Widening of Sepulveda Between Station 1719+75 and 1756+50 and Design Options 1720 and 1730 Retaining Walls - Design at Agreed Price	Approved	\$1,404,158	
9	MOD 9.01	Realign I-405 between Stations 1754+00 and 1839+75 - 0-30% Design (See CO-22 for 30% to RFC Design)	Approved	\$1,261,970	
10	MOD 10	Realign Mulholland Drive - Design	Approved	\$825,556	
11	MOD 11.01	Study to Determine Future Alignment Between Getty Center Drive and Sunset	Approved	\$99,542	
12	MOD 12.02	Revision of Base TOPO Drawings/Reversible Lane Temporary Lights and Signals	Approved	\$180,643	
13	MOD 13	I-405 Provisional Sum Adjustment - Local Area Drainage	Approved	\$0	
14	MOD 14	I-405 Provisional Sum Adjustment - Schedule C Item 7 (Hazardous Material)	Approved	\$0	
15	MOD 15	Artists Project Renderings	Approved	\$111,052	
16	MOD 16	I-405 Provisional Sum Adjustment - Schedule C- Utility Work	Approved	\$0	
17	MOD 17	SWPPP Compensation	Approved	\$6,998,666	
18	MOD 18.02	Sunset Bridge 16 Foundation Redesign (to accommodate temporary shoring)	Approved	\$157,325	
19	MOD 19	Traffic Calming Measures - Installation of Speed Bumps at Roscomare	Approved	\$38,654	

Item No.	MOD No.	Description	Status (Approved or Pending)	Approved Cost (Issued to Kiewit)	Pending Cost (to be Issued to Kiewit)
20	MOD 20	Acceleration of Demolition of Mulholland Drive Overcrossing - Opening Full Freeway Closure Early	Approved	\$300,000	
21	MOD 21.01	Unilateral CO 14.02 Redesign Bridges 10 and 11 - Change Attributes to L.A. County Request	Approved	\$1,192,985	
22	MOD 22	Unilateral CO 33 - Construct I-405 Realignment between Stations 1754+00 and 1839+75 including Getty Center Improvements - Area 5	Approved	\$27,300,000	
23	MOD 22	Construct I-405 Realignment between Stations 1754+00 and 1839+75 including Getty Center Improvements - Area 5 additional cost	Pending		\$3,500,000
24	MOD 24	Title 23 CFR 635.410 Buy America Certificate	Approved	\$0	
25	MOD 25	Unilateral CO 37 - Provisional Sum Credit for Utility Work	Approved	(\$16,750,000)	
26	MOD 26	Unilateral CO 34.01 - Construct Sepulveda Widening from Montana to Church, including Walls 1720, 1730, and 1746	Approved	(\$4,057,000)	
27	MOD 28	Increase Schedule C Provisional Sum Value	Approved	\$39,950,000	
28	MOD 29	Design to Widen the Eastside of Sepulveda Boulevard South of Wilshire Boulevard	Approved	\$136,166	
29	MOD 30	Design Change to Wilshire Boulevard West of I-405 Based on County of LA Comments	Approved	\$143,653	
30	MOD 31	Increase Schedule C Provisional Sum Value	Approved	\$16,550,000	
31	MOD 32	Design to Mitigate the Landslide Condition at Wall 1868 Station 1879+20 - Bel Air Crest	Approved	\$285,657	
32	MOD 37	Construct Redesigned Bridges 10 and 11 and Right-Turn Lane	Approved	\$996,348	
33	MOD 37	Construct Redesigned Bridges 10 and 11 and Right-Turn Lane	Pending		\$549,452
34	MOD 38	Design Work Performed Prior to Cancellation of Mission Dump Road Relocation	Approved	\$8,252	
35	MOD 40	Unilateral CO 54 - Demolish and Remove Veterans Administration Storage Shed (BLDG 314) in Work Zone of Wall 1675	Approved	\$31,492	
36	MOD 40	Demolish and Remove Veterans Administration Storage Shed (BLDG 314) in Work Zone of Wall 1675	Pending		\$11,183



Item No.	MOD No.	Description	Status (Approved or Pending)	Approved Cost (Issued to Kiewit)	Pending Cost (to be Issued to Kiewit)
37	MOD 41	Design Westbound Dual Left-Turn on Mulholland Drive	Approved	\$94,483	
38	MOD 42.01	Segment 3 Drainage Repairs in Caltrans ROW (at Station 1900, 1905 and 1884+50)	Approved	\$132,950	
39	MOD 42.01	Segment 3 Drainage Repairs in Caltrans ROW (at Sta 1900, 1905 and 1884+50)	Pending		\$16,040
40	MOD 43.00	Construct Removal of Landslide at Wall 1868 Station 1879+20 (Bel Air Crest)	Approved	\$1,258,942	
41	MOD 43.00	Construct Removal of Landslide at Wall 1868 Station 1879+20 (Bel Air Crest)	Pending		\$90,936
42	MOD 47.01	Design Change to Southbound On-Ramp from EB Wilshire due to Solar Panel Conflict	Approved	\$25,716	
43	MOD 48.01	Redesign and Construction of the Overhead Sign Pedestal Foundation at Wall 1782 South of Getty Center Drive	Approved	\$54,925	
44	MOD 50.02	Settlement for Claim 46 - Hard Material Encountered at Wall 1738B	Approved	\$30,000	
45	MOD 54	I-405 Provisional Sum Adjustment - Utility Work	Approved	\$0	
46	MOD 55.01	Total Ramp Closure Incentives for Wilshire boulevard Ramps Bridges 10 and 11	Approved	\$314,000	
47	MOD 56	I-405 Provisional Sum Adjustment - Utility Work	Approved	\$0	
48	MOD 57.01	Design and Construct ADA Curb Ramps at Massachusetts/Cotner and S. Gate/Cotner	Pending		\$51,942
49	MOD 58.02	Temporary Outfall for Drainage System 1824-3 in place of BMP 22 at Getty Center Drive due to Giro Property Impacts	Pending		\$37,189
50	MOD 59.01	Redesign W-1836 at Giro Property, Perform Traffic Study, and Prepare Signal Plan	Approved	\$72,124	
51	MOD 59.01	Redesign W-1836 at Giro Property, Perform Traffic Study, and Prepare Signal Plan	Pending		\$86,633
52	MOD 61	Construct the Sepulveda/Wilshire intersection Including Dual Left-Turn Lanes	Pending		\$478,453
53	MOD 62	Increase Budget Schedule C Provisional Sum	Approved	\$15,000,000	
54	MOD 63	Unilateral CO 35.01 Additional Construction Work due to the Rephasing of Mulholland Drive OC (Bridge 22) Demolition	Approved	\$1,117,632	

Item No.	MOD No.	Description	Status (Approved or Pending)	Approved Cost (Issued to Kiewit)	Pending Cost (to be Issued to Kiewit)
55	MOD 63	Additional Construction Work due to the Rephasing of Mulholland Drive OC (Bridge 22) Demolition	Pending		\$178,685
56	MOD 64	Settlement for Claim No. 50 - Design the Extension of Soundwall 1599 per NDC #224	Pending		\$45,773
57	MOD 66.01	Settlement for Claim No. 50 - Construct the Extension of Soundwall 1599 per NDC #224	Approved	\$108,549	
58	MOD 67	Seismic Design Calculations for City of Los Angeles Reinforced Concrete Wall Standard Plans	Approved	\$35,063	
59	MOD 68	Construct Redesign Southbound On-Ramp from EB Wilshire due to Solar Panel Conflict	Approved	\$18,429	
60	MOD 68	Construct Redesign Southbound On-Ramp from EB Wilshire due to Solar Panel Conflict	Pending		(\$1,265)
61	MOD 69	Redesign Mulholland Drive (Bridge 22) to Rephase Demolition and Construction	Approved	\$837,435	
62	MOD 69	Redesign Mulholland Drive (Bridge 22) to Rephase Demolition and Construction	Pending		\$587,376
63	MOD 70	Design Implementation of a Traffic Plan to Close and Reopen Getty North Bound on Ramp and Perform Necessary Traffic Studies (due to Giro Easement)	Approved	\$149,588	
64	MOD 70	Design Implementation of a Traffic Plan to Close and Reopen Getty North Bound on Ramp and Perform Necessary Traffic Studies (due to Giro Easement)	Pending		\$25,218
65	MOD 71	Settlement for Claim 49 Differing Site Condition - Groundwater at Wall 1836 Drain Design	Pending		\$38,008
66	MOD 72	Permit Fee for Entry Permit for Clearing and Grubbing above Wall 1921	Approved	\$1,500	
67	MOD 73	Furnish and Install Type 1 GRS Power Conduit for Caltrans Lighting Facilities	Pending		\$126,758
68	MOD 74	Construction - Clear and Grub for RW 1921 Landslide and Slope Mitigation	Approved	\$245,460	
69	MOD 74	Construction - Clear and Grub for RW 1921 Landslide and Slope Mitigation	Pending		\$147,540

Item No.	MOD No.	Description	Status (Approved or Pending)	Approved Cost (Issued to Kiewit)	Pending Cost (to be Issued to Kiewit)
70	MOD 75	Construction - Removal of Landslide and Slope Mitigation above Wall 1921	Approved	\$2,185,041	
71	MOD 75	Construction - Removal of Landslide and Slope Mitigation above Wall 1921	Pending		\$1,127,959
72	MOD 76	Settlement for Claim No. 04 - Existing Inclinometer Wells	Pending		\$78,650
73	MOD 77	Settlement for Claim No. 58 - Construct the Westbound I-10 to NB I-405 Connector (NW1) Approx. Additional 250Ft per NDC 104	Pending		\$511,756
74	MOD 78	Unilateral - Redesign Northbound Getty on and off Ramp to Remain in Place (due to Giro Easement)	Approved	\$499,837	
75	MOD 78	Redesign Northbound Getty on and off Ramp to Remain in Place (due to Giro Easement)	Pending		\$249,641
76	MOD 79	Settlement for Claim No. 47 Unsuitable Material at MSE Wall 1672	Pending		\$31,294
77	CO 9.01	City of Los Angeles Reversible Lane Project	Approved	\$50,000	
78	CO 9.01	City of Los Angeles Reversible Lane Project	Pending		\$129,238
79	CO 10.03	Unilateral - Construct Soundwall #104 Associated with Height and Limit Revisions	Approved	\$304,285	
80	CO 22.02	Unilateral - Realign I-405 Freeway between Stations 1754+00 and 1839+75 - 30% to Released for Construction (Design Only)	Approved	\$4,415,155	
81	CO 22.02	Realign I-405 Freeway between Stations 1754+00 and 1839+75 - 30% to Released for Construction (Design Only)	Pending		\$1,753,935
82	CO 31.01	Unilateral Furnish and Install Sunset Bridge 16 Temporary Shoring	Approved	\$76,573	
83	CO 38.03	Unilateral Betterment LADWP Conduits at Mulholland Bridge	Approved	\$441,399	
84	CO 39.02	Unilateral - Design Extension of the Auxiliary Lane on Sepulveda Blvd Between the New SB Skirball Ramps and Skirball Bridge - Auxiliary Lane	Approved	\$77,789	
85	CO 46.02	Unilateral Phase 1 Redesign - Southern Portion of Northbound Getty Center Drive On-Ramp (Eastside) to Avoid Giro Property Easement	Approved	\$411,597	

Item No.	MOD No.	Description	Status (Approved or Pending)	Approved Cost (Issued to Kiewit)	Pending Cost (to be Issued to Kiewit)
86	CO 52.01	Unilateral - Design to Add Dual Left-Turn Lanes on Sepulveda Boulevard to Wilshire Boulevard	Approved	\$21,616	
87	CO 53.01	Unilateral - 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	Approved	\$128,402	
88	CO 60.01	Unilateral - Redesign of Soundwall #104 Height and Limit Revisions	Approved	\$169,135	
89	CO 68	Unilateral - Design to Remove Landslide and Slope Mitigation Above Wall 1921	Approved	\$102,548	
90	CO 68	Design to Remove Landslide and Slope Mitigation Above Wall 1921	Pending		\$132,126
91	CO 72	Unilateral - Design Additional NB Lane and Park and Ride Facility on Skirball Center Drive	Approved	\$173,823	
92	CO 72	Design Additional NB Lane and Park and Ride Facility on Skirball Center Drive	Pending		\$60,402
93	CO 74.01	Design Two Additional Left Lanes at Intersection of N Sepulveda Blvd and Moraga Drive	Approved	\$14,706	
94	CO 75.01	Unilateral - Add/Revise Concrete Barriers in Accordance with Getty MOU- Design and Construction	Approved	\$183,216	
95	CO 75.01	Unilateral - Add/Revise Concrete Barriers in Accordance with Getty MOU- Design and Construction	Pending		\$247,603
96	CO 79.01	Unilateral - Close Existing Northbound Getty Center Drive On-Ramp due to Giro Property Easement	Approved	\$0	
97	CO 92.01	Unilateral - Design Modifications for Area 5 in the Vicinity of Getty Center Drive and Getty Center	Approved	\$100,000	
98	CO 92.01	Design Modifications for Area 5 in the Vicinity of Getty Center Drive and Getty Center	Pending		\$164,933
99	CO 95.01	Unilateral - Mark-ups on Provisional Sum Work	Approved	\$0	
100	CO 96	Unilateral - Pre and Post Construction Survey of Getty Parking Structure and Architectural Finish of Walls Near Getty	Approved	\$35,123	
101	CO 97	Unilateral - Study for Continental Crosswalks at Specified Locations	Approved	\$40,404	

Item No.	MOD No.	Description	Status (Approved or Pending)	Approved Cost (Issued to Kiewit)	Pending Cost (to be Issued to Kiewit)
102	CO 98	Unilateral Construction Associated with Leaving the Northbound Getty Ramps in the Existing Location (THIS BOARD ACTION)	Pending		(\$5,400,000)
103	CO 100	Settlement for Claim No. 49 Differing Site Condition - Water Discovered during Drilling Operation at Soil Nail Wall 1836 between 15+27 and 19+29 – Construction	Pending		\$764,709
104	CO 102	Construction for Extension of the Auxiliary Lane on Sepulveda Blvd Between the New SB Skirball Ramps and Skirball Bridge	Pending		\$1,011,817
105	CO 104	Credit for Deletion of ADA Ramps	Pending		(\$20,133)
106	CO 105	Unilateral - Modify Substantial Completion Deadline for Excusable Delays	Approved	\$0	
<b>Subtotal - Approved and Pending Modifications/Changes</b>				<b>\$106,092,565</b>	<b>\$6,813,851</b>
<b>Total MODs and Pending Changes (including this change)</b>				<b>\$112,906,415</b>	
<b>Prior Board Authorized CMA (including base award and other MODs)</b>				<b>\$146,334,772</b>	
<b>Increased CMA for this Recommended Action</b>				<b>\$0</b>	
<b>Total CMA including this action</b>				<b>\$146,334,772</b>	
<b>Remaining CMA for Future Changes</b>				<b>\$33,428,357</b>	