



Metro

Los Angeles County
Metropolitan Transportation Authority

One Gateway Plaza
Los Angeles, CA 90012-2952

213.922.2000 Tel
metro.net

44

**CONSTRUCTION COMMITTEE
NOVEMBER 21, 2013**

SUBJECT: I-405 SEPULVEDA PASS IMPROVEMENTS PROJECT

ACTION: AUTHORIZATION FOR SETTLEMENT OF CLAIMS 60 AND 68

RECOMMENDATION

Authorize the Chief Executive Officer to execute multiple change orders to Contract No. C0882, with Kiewit Infrastructure West Company, for settlement of Claim No.60 for design and Claim No.68 for construction of additional ramp capacities to meet year 2031 traffic volumes, in the amount not-to-exceed \$3,985,938, increasing the total contract value from \$885,092,213 to \$889,078,151. Requested funds are within the Life-of-Project (L-O-P) budget.

ISSUE

In Claim Nos. 60 and 68 Kiewit is seeking payment for re-design and added construction required to meet the year 2031 traffic volumes for on-ramps specified in the Contract. Kiewit had to redesign and widen two on-ramps, from Westbound Wilshire to I-405 Northbound and from Southbound Sepulveda (Valley Vista) to I-405 Southbound to meet the year 2031 capacity requirements. Initially, Metro denied these claims for two reasons: 1) Kiewit's initial design did not meet the Contract requirements, and 2) Kiewit did not inform Metro, as required by the Contract, that additional right-of-way was required at these locations to meet the specified 2031 traffic volumes. The Disputes Review Board was requested to help resolve the dispute and advised that Kiewit is entitled to incremental costs for added work required to widen the ramps. Metro will seek cost recovery from Caltrans as the preliminary engineering plans did not identify sufficient right-of-way to meet year 2031 traffic volumes.

DISCUSSION

In January and February 2010, Kiewit submitted the 100% design for the Wilshire and Valley Vista on-ramps respectively. Kiewit designed the on-ramps to fit within the right-of-way shown on the Preliminary Engineering plans and did not inform Metro or Caltrans that the design did not meet the year 2031 traffic volumes specified in the Contract. This design inadequacy began to surface when the Caltrans Ramp Metering

Branch conducted an over-the-shoulder design review and questioned the signal-head design. On March 1, 2010, Kiewit formally informed Metro of potentially adverse comments from Caltrans regarding the signal-head design. At a meeting on July 15, 2010, Kiewit informed Metro and Caltrans that Kiewit's design was based on the Preliminary Engineering Drawings and the capacity for 2031 traffic volumes could not be met at Wilshire and Valley Vista unless additional right-of-way was obtained to widen the on-ramps.

Metro's position was that Kiewit, as Design-Builder, is responsible for meeting the Contract requirements. If the year 2031 traffic volumes could not be met within the Preliminary Engineering specified right-of-way, Kiewit is responsible for informing Metro of the problem and recommending solutions during the design-development process. However, Kiewit did not inform Metro or Caltrans of the issue until after the design was 100% complete. Metro and Caltrans met with Kiewit over several months to discuss alternatives. Ultimately, in September 2010, Metro directed Kiewit to redesign and widen the ramps. Metro denied Kiewit's request for a change, and Kiewit submitted Claim No. 60 for the redesign and Claim No. 68 for added construction costs.

This issue was heard by the Disputes Review Board in February 2013. Kiewit contended that this is a change because the Contract states that the Design-Builder can rely upon the accuracy of the Preliminary Engineering Drawings. Kiewit also contended that meeting the year 2031 capacities at Wilshire and Valley Vista was not required because the Contract "discouraged" Kiewit from going outside the Preliminary Engineering specified right-of-way with any designs.

Metro contended that Kiewit is required by the Contract to inform Metro of any errors in the preliminary engineering documents, and did not inform Metro of this right-of-way issue or that the design prepared by Kiewit did not meet Contract requirements. Although the Contract states that Kiewit shall use its best efforts to avoid permanent acquisition of additional properties, the Contract anticipates and specifically provides for acquisition of additional right-of-way when necessary. Without consulting with Metro, Kiewit erroneously assumed that additional right-of-way should not be obtained and advanced the design to 100% without informing Metro that the year 2031 traffic volumes were not being met.

The Dispute Review Board did not weigh-in on quantum, but advised that Kiewit is entitled to incremental costs incurred as a result of additional right-of-way required to meet the Contract requirements. Staff, therefore, agreed to meet in fact-finding with Kiewit to resolve cost issues, and requested that Kiewit submit additional information by April 5, 2013, so that Metro can prepare Independent Cost Estimates based on the final scope of work. Kiewit has continued to carry this as a secondary priority on tracking logs for estimating, however, on October 15, 2013, Kiewit submitted a revised cost proposal for design consisting of an Engineering Labor Report valued at \$823,990. Kiewit's cost proposal for construction totals \$3,161,948, bringing Kiewit's total request for Claim Nos. 60 and 68 to \$3,985,938. Metro's rough order-of-magnitude estimate is

\$534,221 for design, and \$1,946,807 for construction, for a total of \$2,481,028. Metro's independent cost estimates will be finalized after the parties meet in fact-finding to discuss the scope of work.

This action will authorize the Chief Executive Officer to issue multiple change orders in phases for a total amount not-to-exceed \$3,985,938 to settle Claim No. 60 for design and Claim No. 68 for construction associated with the year 2031 traffic volumes at on-ramps. Costs will be negotiated in accordance with Metro's procurement policies and procedures.

Because Caltrans's preliminary engineering design did not identify sufficient right-of-way or traffic lanes to meet year 2031 traffic volumes, in a letter dated June 7, 2012, Caltrans was informed that Metro will seek cost recovery for this change.

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 costs associated with the above recommended action will be covered within the approved LOP budget. Funding for these modifications is included in the FY14 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.

Impact to Budget

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.

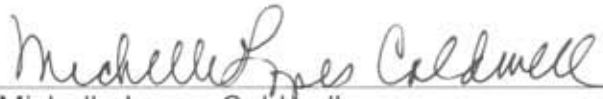
ALTERNATIVES CONSIDERED

Staff met with Kiewit and Caltrans to determine alternatives for resolving this issue. Alternatives considered included revisions to ramp-metering, lengthening of on-ramps by changing the tie-in location of the ramp with the mainline, and revising the Contract requirements to avoid the need for additional right-of-way. Ultimately, however, it was decided that additional right-of-way was to be obtained and the Wilshire NB and Valley Vista SB ramps were widened to meet the year 2031 traffic volumes specified in the Contract.

ATTACHMENT(S)

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

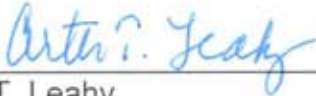
Prepared by: Michael A. Barbour
Executive Officer, Highway Project Delivery
310-846-3522



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.	Contract No.: C0882		
2.	Contractor: Kiewit Infrastructure West Company (Formerly Kiewit Pacific Company)		
3.	Mod. Work Description: Settle Claims 60 and 68 for Design and Construction of Ramp Capacities to Meet Year 2031 Traffic Volumes		
4.	Work Description: Add HOV Lane and improvements on I-405 Freeway		
5.	The following data is current as of :		October 15, 2013
6.	Contract Completion Status -		
	Bids Opened	2/20/09	% Complete \$ 82.8%
	Contract Awarded	4/23/09	% Complete Time 88.3%
	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.	Financial Status -		
	Contract Award Amount	\$720,922,000	
	Total Contract Modification Authority (CMA)	\$206,868,449	
	Total of Mods/Changes Issued to Date	\$112,334,793	
	Total of Mods/Changes Pending to Date (including this action)	\$ 65,380,012	
	Current Contract Value	\$833,256,793	
8.	Contract Administrator: Mike Holguin	Telephone Number: (310) 846-2400	
9.	Project Manager: Michael Barbour	Telephone Number: (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 84 approved modifications/changes, totaling \$112,334,792 have been issued to date to add and/or delete work, and 26 pending modifications/ changes, totaling \$65,380,012, are in-process for additional changes (including the recommended Board Action.)

B. Cost/Price Analysis

The price for these changes 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	Not-to-Exceed Amount
	\$3,985,938	\$2,481,028	\$3,985,938

C (1) Small Business Participation - Design

DISADVANTAGED BUSINESS COMMITMENT	14% DESIGN	DISADVANTAGED BUSINESS PARTICIPATION	39.01% DESIGN
--	------------	---	---------------

Kiewit Infrastructure West Company made a 14% Disadvantaged Business Enterprise Anticipated Level of Participation (DALP) commitment for Design at the time of contract award. DBE current paid-to-date based on total amount paid-to-date to Kiewit and total actual amount paid to date to DBE firms is 39.01%, , and ten DBE subcontractors that have performed to-date.

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

DBE Subcontractors	Participation
1. B.A., Inc. (formerly Bullock & Associates)	14.26%
2. Earth Mechanics	3.00%
3. FPL & Associates	7.09%
4. Valle and Associates	13.25%
5. C2PM	0.12%
6. AP Engineering & Testing	0.14%
7. Jet Drilling	0.18%
8. IDC Consulting Engineers	0.30%
9. Diaz Yourman	0.01%
10. Lynn Capouya, Inc.	0.66%
TOTAL	39.01%

C (2) Disadvantaged Business Participation – Construction

DISADVANTAGED BUSINESS COMMITMENT	25% DBE CONSTRUCTION	DISADVANTAGED BUSINESS PARTICIPATION	5.62% DBE CONSTRUCTION
--	----------------------	---	------------------------

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. DBE current paid-to-date 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 forty DBE subcontractors that have performed to-date. Kiewit is expected to continue ongoing outreach to DBEs for remaining construction opportunities.

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

DBE Subcontractors		Participation
1.	Trucking A&M Gentry	0.28%
2.	AC Dike Co.	0.00%
3.	Environmental – Did not perform CUF Allied	0.00%
4.	Demolition & Grading, Inc. Advantage	0.02%
5.	Engineering and Testing AP	0.02%
6.	Arco Trucking	0.08%
7.	Axiom	0.01%
8.	Trucking Blue Heaven	0.01%
9.	Grinding Specialties dba Austin Enterprises California	0.01%
10.	Inc. Cindy Trump,	0.17%
11.	America Clean Up	0.22%
12.	Trucking Columbo	0.00%
13.	Dyson Electrical Deborah	0.02%
14.	Treatment & Tech, Inc. dba Advanced Technology, Inc. Environmental	0.01%
15.	Welding & Machine Shop Esparza's	1.09%

DBE Subcontractors		Participation
16.	Trucking	Etzalan 0.12%
17.		First Fuel, Inc. 0.00%
18.	Cutting	G&F Concrete 0.75%
19.	Preservation Associates, Inc.	Galvin 0.00%
20.	Business Solution	Global 0.13%
21.	Service	H&L Dump 0.02%
22.	Rebar Placers	Integrety 0.11%
23.	Cleaning Service	Julie-Rene's 0.02%
24.	Inc.	Lange Group 0.27%
25.	Industries, Inc.	Lightcap 0.04%
26.	Lindy Coldplaning	
27.	Transportation	Leinaia's 0.01%
28.	Los Angeles Signal	
29.	Construction	Morgner 0.09%
30.	Group Security	National 0.21%
31.		O.C. Vacuum 1.65%
32.	Paving	Ortiz Asphalt 0.01%
33.	Engineering	Pacrim 0.05%
34.	Products	Precon 0.00%
35.	Trucking	Rivera 0.00%
36.	& Aggregate Sales, Inc. dba SM Sales	Sand Material 0.7%
37.	Concrete	Strive 0.01%
38.		Ultra Systems 0.01%
39.	Son's Trucking	Villaueva & 0.08%

DBE Subcontractors		Participation
40.	Trucking Vision	0.00%
TOTAL		5.62%

D(1) Design Subconsultants – All

	Design Subconsultants	Scope of Work
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 ₂ 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 landslide 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
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

	Design Subconsultants	Scope of Work
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

	Construction Subcontractors	Scope of Work
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

	Construction Subcontractors	Scope of Work
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 Misc 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
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

	Construction Subcontractors	Scope of Work
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
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	Eztatlan Trucking (DBE)	Trucking Services
63	FBD Vanguard Construction, Inc.	Jointed Plain Concrete Paving (JPCP)/& Lean Concrete Base (ICB)

	Construction Subcontractors	Scope of Work
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
92	Mass Electric Co.	Electrical Construction Services
93	Matt Chlor	Disinfect Pipe
94	McCain, Inc.	Lighting, ITS, & Traffic Signal Supply

	Construction Subcontractors	Scope of Work
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

	Construction Subcontractors	Scope of Work
121	Seven Elk Ranch	Tree Survey
122	Seville Construction Services	QC Inspectors - MSE Walls/DOT, and Cast-in-Place
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

ATTACHMENT B

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 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	
9	MOD 10	Realign Mulholland Drive - Design	Approved	\$825,556	
10	MOD 11.01	Study to Determine Future Alignment Between Getty Center Drive and Sunset	Approved	\$99,542	
11	MOD 12.02	Revision of Base TOPO Drawings/Reversible Lane Temporary Lights and Signals	Approved	\$180,643	
12	MOD 13	I-405 Provisional Sum Adjustment - Local Area Drainage	Approved	\$0	
13	MOD 14	I-405 Provisional Sum Adjustment - Schedule C Item 7 (Hazardous Material)	Approved	\$0	

Item No.	MOD No.	Description	Status (Approved or Pending)	Approved Cost (Issued to Kiewit)	Pending Cost (to be Issued to Kiewit)
14	MOD 15	Artists Project Renderings	Approved	\$111,052	
15	MOD 16	I-405 Provisional Sum Adjustment - Schedule C- Utility Work	Approved	\$0	
16	MOD 17	SWPPP Compensation	Approved	\$6,998,666	
17	MOD 18.02	Sunset Bridge 16 Foundation Redesign (to accommodate temporary shoring)	Approved	\$157,325	
18	MOD 19	Traffic Calming Measures - Installation of Speed Bumps at Roscomare	Approved	\$38,654	
19	MOD 20	Acceleration of Demolition of Mulholland Drive Overcrossing - Opening Full Freeway Closure Early	Approved	\$300,000	
20	MOD 24	Title 23 CFR 635.410 Buy America Certificate	Approved	\$0	
21	MOD 28	Increase Schedule C Provisional Sum Value	Approved	\$39,950,000	
22	MOD 29	Design to Widen the Eastside of Sepulveda Boulevard South of Wilshire Boulevard	Approved	\$136,166	
23	MOD 30	Design Change to Wilshire Boulevard West of I-405 Based on County of LA Comments	Approved	\$143,653	
24	MOD 31	Increase Schedule C Provisional Sum Value	Approved	\$16,550,000	
25	MOD 32	Design to Mitigate the Landslide Condition at Wall 1868 Station 1879+20 - Bel Air Crest	Approved	\$285,657	
26	MOD 38	Design Work Performed Prior to Cancellation of Mission Dump Road Relocation	Approved	\$8,252	
27	MOD 40.01	Demolish and Remove Veterans Administration Storage Shed (BLDG 314) in Work Zone of Wall 1675	Approved	\$42,675	

Item No.	MOD No.	Description	Status (Approved or Pending)	Approved Cost (Issued to Kiewit)	Pending Cost (to be Issued to Kiewit)
28	MOD 41.01	Design Westbound Dual Left-Turn on Mulholland Drive	Approved	\$99,544	
29	MOD 42.02	Segment 3 Drainage Repairs in Caltrans ROW (at Station 1900, 1905 and 1884+50)	Approved	\$132,950	
30	MOD 42.02	Segment 3 Drainage Repairs in Caltrans ROW (at Station 1900, 1905 and 1884+50)	Pending		\$16,040
31	MOD 47.01	Design Change to Southbound On-Ramp from EB Wilshire due to Solar Panel Conflict	Approved	\$25,716	
32	MOD 48.01	Redesign and Construction of the Overhead Sign Pedestal Foundation at Wall 1782 South of Getty Center Drive	Approved	\$54,925	
33	MOD 50.02	Settlement for Claim 46 - Hard Material Encountered at Wall 1738B	Approved	\$30,000	
34	MOD 54	I-405 Provisional Sum Adjustment - Utility Work	Approved	\$0	
35	MOD 55.01	Total Ramp Closure Incentives for Wilshire boulevard Ramps Bridges 10 and 11	Approved	\$314,000	
36	MOD 56	I-405 Provisional Sum Adjustment - Utility Work	Approved	\$0	
37	MOD 58.03	Temporary Outfall for Drainage System 1824-3 in place of BMP 22 at Getty Center Drive due to Giro Property Impacts	Approved	\$37,189	
38	MOD 59.01	Redesign W-1836 at Giro Property, Perform Traffic Study, and Prepare Signal Plan	Approved	\$158,757	
39	MOD 62	Increase Budget Schedule C Provisional Sum	Approved	\$15,000,000	
40	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)
41	MOD 63	Additional Construction Work due to the Rephasing of Mulholland Drive OC (Bridge 22) Demolition	Pending		\$178,685
42	MOD 64.01	Settlement for Claim No. 50 - Design the Extension of Soundwall 1599 per NDC #224	Approved	\$45,773	
43	MOD 66.01	Settlement for Claim No. 50 - Construct the Extension of Soundwall 1599 per NDC #224	Approved	\$108,549	
44	MOD 67	Seismic Design Calculations for City of Los Angeles Reinforced Concrete Wall Standard Plans	Approved	\$35,063	
45	MOD 69.01	Redesign Mulholland Drive (Bridge 22) to Rephase Demolition and Construction	Approved	\$837,435	
46	MOD 69.01	Redesign Mulholland Drive (Bridge 22) to Rephase Demolition and Construction	Pending		\$587,376
47	MOD 71	Settlement for Claim 49 Differing Site Condition - Groundwater at Wall 1836 Drain - Design Only	Pending		\$38,008
48	MOD 72	Permit Fee for Entry Permit for Clearing and Grubbing above Wall 1921	Approved	\$1,500	
49	MOD 73	Furnish and Install Type 1 GRS Power Conduit for Caltrans Lighting Facilities	Approved	\$126,758	
50	MOD 74	Construction - Clear and Grub for RW 1921 Landslide and Slope Mitigation	Approved	\$393,000	
51	MOD 75	Unilateral CO-73.01 - Construction - Removal of Landslide and Slope Mitigation above Wall 1921	Approved	\$2,185,041	
52	MOD 75	Construction - Removal of Landslide and Slope Mitigation above Wall 1921	Pending		\$1,348,254
53	MOD 76	Settlement for Claim No. 04 - Existing Inclinometer Wells	Approved	\$78,650	

Item No.	MOD No.	Description	Status (Approved or Pending)	Approved Cost (Issued to Kiewit)	Pending Cost (to be Issued to Kiewit)
54	MOD 77	Design Builder Insurance	Pending		\$0
55	MOD 78	Redesign Northbound Getty on and off Ramp to Remain in Place (due to Giro Easement)	Approved	\$749,478	
56	MOD 79	Settlement for Claim No. 57 Unsuitable Material at MSE Wall 1672	Approved	\$31,294	
57	MOD 80	Design - Add/Revise Concrete Barriers in Accordance with Getty MOU	Pending		\$127,786
58	MOD 82	Credit for Deletion of ADA Ramps	Approved	(\$22,651)	
59	MOD 83	Increase Schedule C Provisional Sum Value	Pending		\$55,871,261
60	MOD 85.01	Unilateral - Design Modifications for Area 5 in the Vicinity of Getty Center Drive and Getty Center	Approved	\$100,000	
61	MOD 85.01	Design Modifications for Area 5 in the Vicinity of Getty Center Drive and Getty Center	Pending		\$78,867
62	MOD 86	Settlement for Claim No. 51 - Design and Construction for Differing Site Condition Landslide at SPW 2004	Pending		\$4,509,171
63	MOD 87	Construct Added Northbound Lane and Revise Park and Ride Facility on Skirball Center Drive	Pending		\$554,379
64	CO 6.02	Unilateral - 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	
65	CO 9.01	City of Los Angeles Reversible Lane Project	Approved	\$50,000	
66	CO 9.01	City of Los Angeles Reversible Lane Project	Pending		\$129,238

Item No.	MOD No.	Description	Status (Approved or Pending)	Approved Cost (Issued to Kiewit)	Pending Cost (to be Issued to Kiewit)
67	CO 10.03	Unilateral - Construct Soundwall #104 Associated with Height and Limit Revisions	Approved	\$304,285	
68	CO 14.02	Unilateral - Redesign Bridges 10 and 11 - Change Attributes to L.A. County Request	Approved	\$1,192,985	
69	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	
70	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
71	CO 31.01	Unilateral Furnish and Install Sunset Bridge 16 Temporary Shoring	Approved	\$76,573	
72	CO 31.01	Furnish and Install Sunset Bridge 16 Temporary Shoring	Pending		\$111,580
73	CO 33.02	Unilateral - Construct I-405 Realignment between Stations 1754+00 and 1839+75 including Getty Center Improvements - Area 5	Approved	\$30,800,000	
74	CO 34.01	Unilateral - Construct Sepulveda Widening from Montana to Church, including Walls 1720, 1730, and 1746	Approved	(\$4,057,000)	
75	CO 37	Unilateral - Provisional Sum Credit for Utility Work	Approved	(\$16,750,000)	
76	CO 38.03	Unilateral Betterment LADWP Conduits at Mulholland Bridge	Approved	\$441,399	
77	CO 39.02	Unilateral - Design Extension of the Auxiliary Lane on Sepulveda Blvd Between the New SB Skirball Ramps and Skirball Bridge - Auxiliary Lane Only	Approved	\$77,789	

Item No.	MOD No.	Description	Status (Approved or Pending)	Approved Cost (Issued to Kiewit)	Pending Cost (to be Issued to Kiewit)
78	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	
79	CO 52.01	Unilateral - Design to Add Dual Left-Turn Lanes on Sepulveda Boulevard to Wilshire Boulevard	Approved	\$21,616	
80	CO 53.01	Unilateral - Design RT-Turn Lane of the City Reversible/Bike Lane on Sepulveda to Skirball	Approved	\$128,402	
81	CO 55.03	Unilateral CO 55.03 - Construct Redesigned Bridges 10 and 11 and Right-Turn Lane	Approved	\$1,545,800	
82	CO 57.02	Unilateral - Construct Removal of Landslide at Wall 1868 Station 1879+20 (Bel Air Crest)	Approved	\$1,349,878	
83	CO 60.01	Unilateral - Redesign of Soundwall #104 Height and Limit Revisions	Approved	\$169,135	
84	CO 65.03	Unilateral - Construct Redesign Southbound On-Ramp from EB Wilshire due to Solar Panel Conflict	Approved	\$17,164	
85	CO 68	Unilateral - Design to Remove Landslide and Slope Mitigation Above Wall 1921	Approved	\$102,548	
86	CO 68	Design to Remove Landslide and Slope Mitigation Above Wall 1921	Pending		\$132,126
87	CO 69.01	Unilateral - Construct the Sepulveda/Wilshire intersection including Dual Left-Turn Lanes	Approved	\$478,453	
88	CO 72	Unilateral - Design Additional NB Lane and Park and Ride Facility on Skirball Center Drive	Approved	\$173,823	
89	CO 72	Design Additional NB Lane and Park and Ride Facility on Skirball Center Drive	Pending		\$60,402

Item No.	MOD No.	Description	Status (Approved or Pending)	Approved Cost (Issued to Kiewit)	Pending Cost (to be Issued to Kiewit)
90	CO 74.01	Design Two Additional Left Lanes at Intersection of N Sepulveda Blvd and Moraga Drive	Approved	\$14,706	
91	CO 75.00	Unilateral - Construction to Add/Revise Concrete Barriers in Accordance with Getty MOU	Approved	\$183,216	
92	CO 75.00	Construction to Add/Revise Concrete Barriers in Accordance with Getty MOU	Pending		\$108,097
93	CO 79.01	Unilateral - Close Existing Northbound Getty Center Drive On-Ramp due to Giro Property Easement	Approved	\$0	
94	CO 83.02	Unilateral - Design and Implement Traffic Plan to Close and Reopen Getty NB On-Ramp and Perform Necessary Traffic Studies	Approved	\$174,806	
95	CO 84.02	Unilateral - Design and Construct ADA Curb Ramps at Massachusetts/Cotner and S. Gate/Cotner	Approved	\$51,942	
96	CN 86.00	Settlement of Claim 58 - Construction of the Redesigned W I-10 to NB I-405 Ramp	Pending		\$511,756
97	CO 95.02	Unilateral - Mark-ups on Provisional Sum Work	Approved	\$0	
98	CO 96	Unilateral - Pre and Post Construction Survey of Getty Parking Structure and Architectural Finish of Walls Near Getty	Approved	\$35,123	
99	CO 96	Unilateral - Pre and Post Construction Survey of Getty Parking Structure and Architectural Finish of Walls Near Getty	Pending		\$363
100	CO 97.02	Unilateral - Design - 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)
101	CO 97.02	Unilateral - Design - Study for Continental Crosswalks at Specified Locations	Pending		\$7,720
102	CN 82	Unilateral Construction Associated with Leaving the Northbound Getty Ramps in the Existing Location	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	Unilateral - Construction for Extension of the Auxiliary Lane on Sepulveda Blvd between the New SB Skirball Ramps and Skirball Bridge	Approved	\$387,701	
105	CO 103	Unilateral - Construction of the Right-Turn Lane of the City of LA Reversible Lane at the New Skirball Ramps on Sepulveda Blvd	Approved	\$362,720	
106	CO 105	Unilateral - Modify Substantial Completion Deadline for Excusable Delays	Approved	\$0	
107	CN 110	Settlement for Claim No. 48 - Differing Site Condition Water at NB Sta 1960 to 1979 - Design and Construction	Pending		\$81,289
108	CO 113.01	Unilateral - Construct Westbound Dual Left-Turn Lanes on Mulholland Drive	Pending		\$31,200
109	CN 114	Settlement for Claim 60/68 Design and Construction for 2031 Storage Capacity (THIS BOARD ACTION)	Pending		\$3,985,938
110	CN 116	Delete the Bus Stop on Skirball Center Drive	Pending		(\$208,168)
Subtotal - Approved and Pending Modifications/Changes				\$112,334,792	\$65,380,012
Total MODs and Pending Changes (including this change)				\$177,714,804	

Item No.	MOD No.	Description	Status (Approved or Pending)	Approved Cost (Issued to Kiewit)	Pending Cost (to be Issued to Kiewit)
Prior Board Authorized CMA (including base award and other MODs)				\$206,868,499	
Increased CMA for this Recommended Action				\$3,985,938	
Total CMA including this action				\$210,854,437	
Remaining CMA for Future Changes				\$33,139,633	