

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Serious Drought.  
Help save water!*

October 6, 2016

12-Ora-405-2.6/6.5

12-0M3504

Project ID 1212000018

ACHSIM-405-2(982)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN ORANGE COUNTY IN IRVINE FROM 0.3 MILE SOUTH OF SAND CANYON AVENUE OVERCROSSING TO 0.4 MILE SOUTH OF JAMBOREE ROAD OVERCROSSING to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid book*, *Information Handout*, and the Federal Minimum Wages with Modification Number 11 dated 09/16/2016.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Wednesday, October 19, 2016.

Project plan sheets 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 27, 28, 29, 30, 31, 41, 66, 69, 70, 107, 108, 109, 110, 111, 112, 113, 114, 115, 154, 155, 163, 169, 170, 171, 172, 173, 174, 175, 176, 177, 179, 180, 181, 183, 185, 187, 191, 192, 193, 195, 196, 197, 201, 202, 217 and 218 are replaced and attached for substitution for the like-numbered sheets.

Project plan sheets 153A, 361A, 361B, 361C, 361D, 361E, 361F, 361G, 361H, 361I, 372A and 377A are added and attached for addition to the project plans.

Project plan sheets 194, 331 and 361 are deleted.

In the *Notice to Bidders and Special Provisions*, in the "STANDARD PLANS LIST," the following Standard Plans are added as follows:

"A76D, A76F, B7-11, D72B, D72C, D72F, D72G, D73B, D73C, D73F, D73G, D74, D90, H10."

In the *Notice to Bidders and Special Provisions*, in the "STANDARD PLANS LIST," the following Standard Plans are deleted as follows:

"RSP A76C, RSP D73."

Addendum No. 1  
Page 2  
October 6, 2016

12-Ora-405-2.6/6.5  
12-0M3504  
Project ID 1212000018  
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In the Special Provisions, Section 1.1.01 is replaced as attached.

In the Special Provisions, Section 2 BIDDING, 2-1.06B Supplemental Project Information, is replaced as attached.

The *Information Handout* "List of Existing Traffic Management System Elements" is added as attached.

In the *Bid* book, in the "Bid Item List," Items 25, 27, 30, 32, 34, 53, 100, 115, 122, 123, 128, 135, 136, 137, 150, 160, 161, 163, 165, 170, 172, 173, 179 and 180 are replaced.

In the *Bid* book, in the "Bid Item List," Items 186 and 187 are added.

In the *Bid* book, in the "Bid Item List," Item 185 is deleted.

To *Bid* book holders:

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the *Notice to Bidders* section of the *Notice to Bidders and Special Provisions*.

Submit the *Bid* book as described in the *Electronic Bidding Guide* at the Bidders' Exchange website.

**[http://www.dot.ca.gov/hq/esc/oe/electronic\\_bidding/electronic\\_bidding.html](http://www.dot.ca.gov/hq/esc/oe/electronic_bidding/electronic_bidding.html)**

Inform subcontractors and suppliers as necessary.

This addendum, EBS addendum file, attachments and the modified wage rates are available for the Contractors' download on the Web site:

**[http://www.dot.ca.gov/hq/esc/oe/project\\_ads\\_addenda/12-0M3504](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/12-0M3504)**

If you are not a *Bid* book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,



 RYAN CHAMBERLAIN  
District Director

Attachments

*"Provide a safe, sustainable, integrated and efficient transportation system  
to enhance California's economy and livability"*

**Add to section 1-1.01:**

**Bid Items and Applicable Sections**

Item code	Item description	Applicable section
031662	REMOVE CONCRETE (SIDEWALK AND CURB RAMP)	15
031664	VALVE DECODER FOR TWO WIRE CONTROLLER	20
031663	RELOCATE IRRIGATION CONTROLLER CABINET	20
031665	1 1/4 " PLASTIC PIPE (SCHEDULE 40) (CONDUIT)	20
045394	STRUCTURAL CONCRETE FASCIA	51
031666	MINOR CONCRETE (ANCHOR BLOCK)	51
045395	CONCRETE SURFACE TEXTURE (FRACTURED RIB TRIANGULAR PATTERN)	51
045396	BAR REINFORCING STEEL (FASCIA)	52
031667	FURNISH LAMINATED PANEL SIGN (1" TYPE A) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
031668	FURNISH LAMINATED SIGN PANEL (1"-TYPE A) FOR RETROREFLECTIVE SHEETING (TYPE IX)	56
031669	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
031670	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
031671	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
031672	RETROREFLECTIVE SHEETING (TYPE XI)	56
031673	ALTERNATIVE BURIED END TERMINAL SYSTEM	83
870300	SIGN ILLUMINATION SYSTEM	86
872000	TEMPORARY LIGHTING SYSTEM	86
872130	MODIFYING EXISTING ELECTRICAL SYSTEM	86

CONTRACT NO. 12-0M3504  
 REPLACED PER ADDENDUM NO. 1 DATED OCTOBER 6, 2016

## 2 BIDDING

**Add between the 1st and 2nd paragraphs of section 2-1.06B:**

The Department makes the following supplemental project information available:

### Supplemental Project Information

Means	Description
Included in the <i>Information Handout</i>	<ol style="list-style-type: none"><li>1. Material Report</li><li>2. Geotechnical Report(retaining wall No 329)</li><li>3. Geotechnical Report(OH-Sign-Structure)</li><li>4. Aerially Deposited Lead Report</li><li>5. Foundation Report dated February 10, 2016</li><li>6. List of Existing Traffic Management System Elements</li></ol>
Available as specified in the <i>Standard Specifications</i>	<ol style="list-style-type: none"><li>1. Cross Sections</li><li>2. Bridge as-built drawings</li></ol>
Included with the project plans	Logs of test borings

**BID ITEM LIST  
12-0M3504**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	6		
22	130730	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
23	130900	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM	LUMP SUM	
24	141101	REMOVE YELLOW PAINTED TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	23,700		
25	141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	51,800		
26	141104	REMOVE YELLOW THERMOPLASTIC PAVEMENT MARKING (HAZARDOUS WASTE)	SQFT	930		
27	141120	TREATED WOOD WASTE	LB	70,400		
28	150661	REMOVE GUARDRAIL	LF	1,640		
29	150685	REMOVE IRRIGATION FACILITY	LS	LUMP SUM	LUMP SUM	
30	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	47,700		
31	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	280		
32	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	26,400		
33	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	490		
34	150722	REMOVE PAVEMENT MARKER	EA	10,100		
35	150742	REMOVE ROADSIDE SIGN	EA	34		
36	150747	REMOVE ROADSIDE SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	6		
37	150757	REMOVE SIGN STRUCTURE (EA)	EA	7		
38	150772	REMOVE CURB	LF	2,020		
39	150812	REMOVE PIPE (LF)	LF	10,700		
40	150820	REMOVE INLET	EA	38		

**BID ITEM LIST  
12-0M3504**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	150821	REMOVE HEADWALL	EA	1		
42	150852	REMOVE SLOPE PAVING (SQYD)	SQYD	510		
43	151224	REMOVE DELINEATOR	EA	79		
44	151251	SALVAGE IRRIGATION FACILITY	LS	LUMP SUM	LUMP SUM	
45	152386	RELOCATE ROADSIDE SIGN-ONE POST	EA	2		
46	152387	RELOCATE ROADSIDE SIGN-TWO POST	EA	2		
47	031662	REMOVE CONCRETE (SIDEWALK AND CURB RAMP)	CY	12		
48	153220	REMOVE CONCRETE (CHANNEL)	CY	250		
49	153229	REMOVE CONCRETE BARRIER (TYPE K)	LF	11,500		
50	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
51	190101	ROADWAY EXCAVATION	CY	62,300		
52	190107	ROADWAY EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	2,700		
53(F)	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	3,394		
54(F)	192055	STRUCTURE EXCAVATION (SOIL NAIL WALL)	CY	176		
55(F)	192060	STRUCTURE EXCAVATION (GROUND ANCHOR WALL)	CY	240		
56(F)	193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	2,518		
57(F)	193027	STRUCTURE BACKFILL (GROUND ANCHOR WALL)	CY	12		
58(F)	193028	STRUCTURE BACKFILL (SOIL NAIL WALL)	CY	20		
59(F)	193031	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	CY	20		
60(F)	193119	LEAN CONCRETE BACKFILL	CY	30		

**BID ITEM LIST  
12-0M3504**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	208448	RISER SPRINKLER ASSEMBLY	EA	35		
82	208449	POP-UP SPRINKLER ASSEMBLY	EA	2		
83	208450	DRIP VALVE ASSEMBLY	EA	21		
84	208589	4" GATE VALVE	EA	1		
85(F)	208594	3/4" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	2,430		
86(F)	208595	1" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	9,720		
87(F)	208596	1 1/4" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	4,440		
88(F)	208597	1 1/2" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	2,990		
89(F)	208598	2" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	8,240		
90(F)	208607	3" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	LF	3,770		
91(F)	208608	4" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	LF	8,500		
92(F)	031665	1 1/4" PLASTIC PIPE (SCHEDULE 40) (CONDUIT)	LF	20,600		
93	208683	BALL VALVE	EA	33		
94	208690	PVC PIPE CONDUIT (SLEEVE)	LF	120		
95	208756	6" CORRUGATED STEEL PIPE CONDUIT (.064" THICK)	LF	20		
96	208758	8" CORRUGATED STEEL PIPE CONDUIT (.064" THICK)	LF	250		
97	208813	1 1/4" WELDED STEEL PIPE CONDUIT	LF	510		
98	210250	EROSION CONTROL (BONDED FIBER MATRIX) (SQFT)	SQFT	46,100		
99	250201	CLASS 2 AGGREGATE SUBBASE	CY	20,200		
100	260203	CLASS 2 AGGREGATE BASE (CY)	CY	16,700		

**BID ITEM LIST  
12-0M3504**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	390132	HOT MIX ASPHALT (TYPE A)	TON	22,600		
102	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	7,450		
103	393004	GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING FABRIC)	SQYD	16,000		
104	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	160		
105	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	3,980		
106	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	130		
107	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	930		
108	400050	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	CY	4,700		
109	460210	GROUND ANCHOR (SUBHORIZONTAL)	EA	27		
110	460300	SOIL NAIL	LF	1,960		
111	498050	54" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	40		
112	498052	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	150		
113(F)	045394	STRUCTURAL CONCRETE, FASCIA	CY	118		
114(F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	470		
115(F)	510094	STRUCTURAL CONCRETE, DRAINAGE INLET	CY	223		
116	031666	MINOR CONCRETE (ANCHOR BLOCK)	CY	6		
117(F)	045395	CONCRETE SURFACE TEXTURE (FRACTURED RIB TRIANGULAR PATTERN)	SQFT	2,486		
118(F)	511063	FRACTURED FIN TEXTURE	SQFT	1,100		
119(F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	51,000		
120(F)	045396	BAR REINFORCING STEEL (FASCIA)	LB	30,912		

**BID ITEM LIST  
12-0M3504**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121(F)	530200	STRUCTURAL SHOTCRETE	CY	95		
122(F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	LB	126,443		
123(F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	LB	126,443		
124	560248	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	720		
125	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	14		
126	560251	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED)	SQFT	90		
127	560252	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED)	SQFT	22		
128	562002	METAL (BARRIER MOUNTED SIGN)	LB	4,540		
129	566011	ROADSIDE SIGN - ONE POST	EA	19		
130	566012	ROADSIDE SIGN - TWO POST	EA	8		
131	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	4		
132	568007	INSTALL SIGN OVERLAY	SQFT	130		
133	031667	FURNISH LAMINATED SIGN PANEL (1" TYPE A)FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	770		
134	031668	FURNISH LAMINATED SIGN PANEL (1"-TYPE A)FOR RETROREFLECTIVE SHEETING (TYPE IX)	SQFT	680		
135	031669	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	160		
136	031670	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	290		
137	031671	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	28		
138	031672	RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	1,230		
139	650014	18" REINFORCED CONCRETE PIPE	LF	380		
140	650018	24" REINFORCED CONCRETE PIPE	LF	15,100		

**BID ITEM LIST  
12-0M3504**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	650026	36" REINFORCED CONCRETE PIPE	LF	1,170		
142	707217	36" PRECAST CONCRETE PIPE MANHOLE	LF	10		
143	730040	MINOR CONCRETE (GUTTER) (LF)	LF	314		
144	730070	DETECTABLE WARNING SURFACE	SQFT	36		
145	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	18		
146	731521	MINOR CONCRETE (SIDEWALK)	CY	12		
147	731530	MINOR CONCRETE (TEXTURED PAVING)	CY	180		
148	731623	MINOR CONCRETE (CURB RAMP)	CY	5		
149(F)	750001	MISCELLANEOUS IRON AND STEEL	LB	34,666		
150	820107	DELINEATOR (CLASS 1)	EA	110		
151	820118	GUARD RAILING DELINEATOR	EA	250		
152	820134	OBJECT MARKER (TYPE P)	EA	6		
153	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	580		
154	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	770		
155(F)	839521	CABLE RAILING	LF	696		
156	839543	TRANSITION RAILING (TYPE WB-31)	EA	2		
157	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	9		
158	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	10		
159	031673	ALTERNATIVE BURIED END TERMINAL SYSTEM	EA	1		
160	031674	CONCRETE BARRIER (TYPE 60GCP)	LF	290		

**BID ITEM LIST  
12-0M3504**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161	839709	CONCRETE BARRIER (TYPE 60GE)	LF	1,280		
162	839704	CONCRETE BARRIER (TYPE 60D)	LF	480		
163	839708	CONCRETE BARRIER (TYPE 60GC)	LF	11,300		
164	045397	CONCRETE BARRIER (TYPE 60D MODIFIED)	LF	312		
165	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	30,800		
166	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	1,070		
167	840508	8" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 12-3)	LF	2,640		
168	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	4,950		
169	840516	THERMOPLASTIC PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY)	SQFT	840		
170	840525	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	LF	40,600		
171	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	630		
172	840550	8" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	LF	10,600		
173	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	142,000		
174	840666	PAINT PAVEMENT MARKING (2-COAT)	SQFT	280		
175	846001	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	6,760		
176	846002	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 6-1)	LF	180		
177	846004	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 17-7)	LF	2,130		
178	846009	8" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	1,510		
179	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	5,980		
180	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	5,750		

**BID ITEM LIST  
12-OM3504**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
182	870300	SIGN ILLUMINATION SYSTEM	LS	LUMP SUM	LUMP SUM	
183	872000	TEMPORARY LIGHTING SYSTEM	LS	LUMP SUM	LUMP SUM	
184	872130	MODIFYING EXISTING ELECTRICAL SYSTEM	LS	LUMP SUM	LUMP SUM	
185	BLANK					
186	414241	ISOLATION JOINT SEAL (SILICONE)	LF	12,000		
187	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

**TOTAL BID:**

**\$**

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