

DEPARTMENT OF TRANSPORTATION

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October 4, 2002

11-SD-15,56-M29.7/M33.1, 13.7/15.1
11-2348U4
ACNHI-015-4(187)18N
ACSTP-P056(001)N
HP21STPL-6066(040)N

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SAN DIEGO COUNTY IN SAN DIEGO ON ROUTE 15 FROM 0.5 KM NORTH OF POWAY ROAD OVERCROSSING TO 0.1 KM SOUTH OF CARMEL MOUNTAIN ROAD OVERCROSSING AND ON STATE ROUTE 56 FROM 1.2 KM WEST TO 0.3 KM EAST OF ROUTE 56/15 SEPARATION.

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 October 17, 2002.

This addendum is being issued to revise the Project Plans, the Notice to Contractors and Special Provisions, the Proposal and Contract, and the Federal Minimum Wages with Modification Number 13 dated 9-20-02. A copy of the modified wage rates are available for the contractor's use on the Internet Site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html

Project Plan Sheets 2, 4, 5, 6, 8, 9, 22, 23, 24, 25, 34, 35, 36, 37, 38, 44, 47, 48, 49, 50, 51, 60, 62, 63, 67, 68, 111, 112, 113, 114, 115, 116, 129, 130, 131, 132, 133, 134, 136, 137, 138, 139, 140, 144, 146, 147, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 174, 175, 176, 232, 233, 234, 250, 251, 254, 255, 256, 263, 273, 274, 275, 276, 279, and 281 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

In the Special Provisions, Section 10-1.24, "TEMPORARY PAVEMENT DELINEATION," subsection "TEMPORARY EDGELINE DELINEATION," the fifth paragraph is replaced with the following:

"The quantity of channelizers used as temporary edgeline delineation will not be included in the quantity of channelizers to be paid for. Full compensation for furnishing, placing, maintaining and removing temporary edgeline delineation for those areas where temporary edgeline delineation is not shown on the plans shall be considered as included in the contract prices paid for the items of work that obliterated the edgeline pavement delineation and no separate payment will be made therefor."

In the Special Provisions, Section 10-1.255, "CHANNELIZER," is added as attached.

In the Special Provisions, Section 10-1.30, "EXISTING HIGHWAY FACILITIES," subsection "ABANDON IRRIGATION CROSSOVER," is added as attached

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11-SD-15,56-M29.7/M33.1, 1 3.7/15.1
11-2348U4
ACNHI-015-4(187)18N
ACSTP-P056(001)N
HP21STPL-6066(040)N

In the Special Provisions, Section 10-1.38, "IRRIGATION CROSSOVERS," the following paragraph is added:

"Corrugated High Density Polyethylene Pipe Conduit 250 mm in size will be measured and paid for as 200 mm Corrugated High Density Polyethylene Pipe Conduit."

In the Proposal and Contract, the Engineer's Estimate Items 2, 38, 47, 48, 57, 66, 79, 80, 82, 83, 84, 85, 89, 90, 91, 96, 122, 126, 130, 131, 140, and 143, are revised, Items 181, 182, and 183 are added and Item 180 is deleted as attached.

To Proposal and Contract book holders:

Replace the entire Engineer's Estimate in the Proposal with the attached revised Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it.

If you are not a Proposal and Contract 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,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief
Office of Plans, Specifications & Estimates
Office Engineer

Attachments

10-1.255 CHANNELIZER

Channelizers shall conform to the provisions in Section 12, "Construction Area Traffic Control Devices," of the Standard Specifications and these special provisions.

Channelizers shall conform to the provisions in "Prequalified and Tested Signing and Delineation Materials" of these special provisions.

At the time of completion of the project, certain channelizers shall be left in place as determined by the Engineer. In addition to the contract unit price paid for channelizer (surface mounted), the cost of leaving the channelizers in place will be paid for at the contract unit price for channelizer (surface mounted) (left in place).

When no longer required for the work as determined by the Engineer, channelizers (except channelizers to be left in place) and underlying adhesive used to cement the channelizer bases to the pavement shall be removed. Removed channelizers and adhesive shall become the property of the Contractor and shall be removed from the site of work.

ABANDON IRRIGATION CROSSOVER

Existing irrigation crossovers, where shown on the plans to be abandoned, shall be abandoned in place. Abandoning irrigation crossovers shall conform to the following:

- A. Existing No. 5 pull box, Type A pavement marker, waterline, electrical conduit and control and neutral conductor wires shall be removed and disposed of. Electrical conduit with control and neutral conductors and waterline shall be removed 0.6 meters below finished grade. The top of the waterline and electrical conduit shall be capped. Resulting holes shall be backfilled on the same day in which the pull box is removed.

Irrigation crossovers shall not be abandoned until their use is no longer required. The Contractor shall notify the Engineer in advance of any intended irrigation crossover abandonment.

Full compensation for removing and disposing of pull box, Type A pavement marker, electrical conduit, waterline (including capping conduit and waterline) and control and neutral conductor wires, excavation, and backfill shall be considered as included in the contract unit price paid for abandon irrigation crossover and no additional compensation will be allowed therefor.

**ENGINEER'S ESTIMATE
11-2348U4**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
2	070018	TIME-RELATED OVERHEAD	WDAY	350		
3	071325	TEMPORARY FENCE (TYPE ESA)	M	860		
4	029797	TEMPORARY 100 MM PVC SERVICE LINE	M	120		
5	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
6	074020	WATER POLLUTION CONTROL	LS	LUMP SUM	LUMP SUM	
7 (S)	029798	TEMPORARY EROSION CONTROL (TYPE 1)	M2	67 900		
8 (S)	029799	TEMPORARY EROSION CONTROL (TYPE 2)	M2	17 200		
9	074028	TEMPORARY FIBER ROLL	M	9200		
10	029800	TEMPORARY GRAVEL BAG	EA	1000		
11	029801	TEMPORARY CONCRETE WASHOUT	EA	5		
12	029802	TEMPORARY CONSTRUCTION ENTRANCE (PLATES)	EA	13		
13 (S)	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
14 (S)	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
15 (S)	120149	TEMPORARY PAVEMENT MARKING (PAINT)	M2	27		
16 (S)	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	M	18 600		
17 (S)	120300	TEMPORARY PAVEMENT MARKER	EA	2760		
18 (S)	029803	TEMPORARY ELECTRICAL SYSTEM	LS	LUMP SUM	LUMP SUM	
19 (S)	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	8		
20 (S)	129000	TEMPORARY RAILING (TYPE K)	M	18 300		

**ENGINEER'S ESTIMATE
11-2348U4**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21 (S)	029804	TRAFFIC PLASTIC DRUM	EA	210		
22 (S)	129100	TEMPORARY CRASH CUSHION MODULE	EA	140		
23 (S)	029805	TEMPORARY CRASH CUSHION (TYPE ADIEM)	EA	1		
24	150608	REMOVE CHAIN LINK FENCE	M	530		
25	029806	REMOVE THRIE BEAM BARRIER	M	2190		
26	150710	REMOVE TRAFFIC STRIPE	M	17 100		
27	029807	REMOVE TRAFFIC STRIPE (YELLOW)	M	6280		
28	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	M2	1160		
29 (F)	150722	REMOVE PAVEMENT MARKER	EA	12 845		
30	150742	REMOVE ROADSIDE SIGN	EA	40		
31	150760	REMOVE SIGN STRUCTURE	EA	2		
32	150763	REMOVE SIGN PANEL	EA	11		
33	150771	REMOVE ASPHALT CONCRETE DIKE	M	2450		
34	150805	REMOVE CULVERT	M	220		
35	150820	REMOVE INLET	EA	7		
36	150821	REMOVE HEADWALL	EA	1		
37	150823	REMOVE DOWNDRAIN	M	15		
38	150860	REMOVE BASE AND SURFACING	M3	460		
39 (S)	151540	RECONSTRUCT CHAIN LINK FENCE	M	21		
40 (S)	151554	RECONSTRUCT CHAIN LINK GATE	EA	1		

**ENGINEER'S ESTIMATE
11-2348U4**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41 (S)	151572	RECONSTRUCT METAL BEAM GUARD RAILING	M	1400		
42 (S)	151581	RECONSTRUCT SIGN STRUCTURE	EA	2		
43	152320	RESET ROADSIDE SIGN	EA	31		
44 (S)	029808	RELOCATE IRRIGATION CONTROLLER ENCLOSURE CABINET	EA	1		
45	152394	RELOCATE SIGN STRUCTURE	EA	2		
46	152604	MODIFY INLET	EA	1		
47 (S)	153155	COLD PLANE ASPHALT CONCRETE PAVEMENT (75 MM MAXIMUM)	M2	25 800		
48 (S)	153156	COLD PLANE ASPHALT CONCRETE PAVEMENT (90 MM MAXIMUM)	M2	23 700		
49	153218	REMOVE CONCRETE SIDEWALK	M3	2		
50	153220	REMOVE CONCRETE (CHANNEL)	M3	27		
51	153221	REMOVE CONCRETE BARRIER	M	630		
52	155006	CAP RISER	EA	7		
53	157560	BRIDGE REMOVAL (PORTION)	LS	LUMP SUM	LUMP SUM	
54	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
55	160120	REMOVE TREE	EA	220		
56	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	
57	190101	ROADWAY EXCAVATION	M3	80 500		
58	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
59 (F)	192020	STRUCTURE EXCAVATION (TYPE D)	M3	26		
60	192036	STRUCTURE EXCAVATION (CRIB WALL)	M3	4400		

**ENGINEER'S ESTIMATE
11-2348U4**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61 (F)	192037	STRUCTURE EXCAVATION (RETAINING WALL)	M3	2527		
62	193012	STRUCTURE BACKFILL (CRIB WALL)	M3	5800		
63 (F)	193013	STRUCTURE BACKFILL (RETAINING WALL)	M3	3233		
64 (F)	193031	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	M3	424		
65 (F)	193119	LEAN CONCRETE BACKFILL	M3	26		
66	194001	DITCH EXCAVATION	M3	240		
67 (S)	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
68 (S)	203014	FIBER (EROSION CONTROL)	KG	8890		
69 (S)	203024	COMPOST (EROSION CONTROL)	KG	9490		
70 (S)	203026	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	10		
71 (S)	029810	PURE LIVE SEED (EROSION CONTROL) TYPE 1	KG	94		
72 (S)	029811	PURE LIVE SEED (EROSION CONTROL) TYPE 2	KG	87		
73 (S)	029812	PURE LIVE SEED (EROSION CONTROL) TYPE 3	KG	0.5		
74 (S)	203056	COMMERCIAL FERTILIZER (EROSION CONTROL)	KG	150		
75 (S)	203061	STABILIZING EMULSION (EROSION CONTROL)	KG	890		
76 (S)	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
77 (S)	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
78 (S)	208435	50 MM BACKFLOW PREVENTER ASSEMBLY	EA	1		
79 (S)	208731	200 MM CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	M	110		
80 (S)	208910	EXTEND 250 MM CONDUIT	M	100		

**ENGINEER'S ESTIMATE
11-2348U4**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	029813	MAINTENANCE VEHICLE PULLOUT (MODIFIED)	EA	2		
82	260201	CLASS 2 AGGREGATE BASE	M3	30 200		
83	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	TONN	11		
84	390155	ASPHALT CONCRETE (TYPE A)	TONN	28 600		
85	390171	ASPHALT CONCRETE BASE (TYPE A)	TONN	8400		
86	394001	PLACE ASPHALT CONCRETE DIKE	M	8300		
87	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	M2	360		
88	397001	ASPHALTIC EMULSION (PAINT BINDER)	TONN	16		
89	401000	CONCRETE PAVEMENT	M3	6200		
90	404092	SEAL PAVEMENT JOINT	M	4400		
91	404094	SEAL LONGITUDINAL ISOLATION JOINT	M	3200		
92 (S)	500050	TIEBACK ANCHOR	EA	81		
93 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	M3	11		
94 (F)	510408	CLASS 1 CONCRETE (RETAINING WALL)	M3	1503		
95 (F)	510410	CLASS 1 CONCRETE (STRUCTURE)	M3	39		
96 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	M3	41		
97	029814	ARCHITECTURAL SURFACE (TEXTURED CONCRETE)	M2	2200		
98	029815	ANTI-GRAFFITI PROTECTIVE COATING	M2	2300		
99	513601	REINFORCED CONCRETE CRIB WALL (TYPE A)	M2	560		
100	513604	REINFORCED CONCRETE CRIB WALL (TYPE D)	M2	540		

**ENGINEER'S ESTIMATE
11-2348U4**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101 (F)	518002	SOUND WALL (MASONRY BLOCK)	M2	279		
102 (S-F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	KG	73 790		
103 (S-F)	520107	BAR REINFORCING STEEL (BOX CULVERT)	KG	2943		
104 (F)	530100	SHOTCRETE	M3	88		
105 (S-F)	560208	FURNISH SIGN STRUCTURE (TUBULAR)	KG	21 863		
106 (S-F)	560209	INSTALL SIGN STRUCTURE (TUBULAR)	KG	20 694		
107 (S-F)	560213	FURNISH SIGN STRUCTURE (LIGHTWEIGHT)	KG	5591		
108 (S-F)	560214	INSTALL SIGN STRUCTURE (LIGHTWEIGHT)	KG	5591		
109 (S)	561008	760 MM CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	M	4		
110 (S)	561009	920 MM CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	M	35		
111 (S)	561010	1070 MM CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	M	35		
112	562002	METAL (BARRIER MOUNTED SIGN)	KG	37		
113	566011	ROADSIDE SIGN - ONE POST	EA	44		
114	566012	ROADSIDE SIGN - TWO POST	EA	10		
115	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	9		
116	568007	INSTALL SIGN OVERLAY	M2	7		
117	029816	INSTALL SIGN PANEL ON EXISTING SIGN STRUCTURE	M2	240		
118	568017	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	EA	2		
119	568023	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST)	EA	4		
120	597601	PREPARE AND STAIN CONCRETE	M2	2300		

**ENGINEER'S ESTIMATE
11-2348U4**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	620909	450 MM ALTERNATIVE PIPE CULVERT	M	220		
122	620913	600 MM ALTERNATIVE PIPE CULVERT	M	120		
123	620930	1050 MM ALTERNATIVE PIPE CULVERT	M	9		
124	650069	450 MM REINFORCED CONCRETE PIPE	M	28		
125	650075	600 MM REINFORCED CONCRETE PIPE	M	140		
126	665833	450 MM BITUMINOUS COATED SLOTTED CORRUGATED STEEL PIPE (2.01 MM THICK)	M	31		
127	690276	450 MM BITUMINOUS COATED CORRUGATED STEEL PIPE DOWNDRAIN	M	38		
128	690280	600 MM BITUMINOUS COATED CORRUGATED STEEL PIPE DOWNDRAIN	M	17		
129	029817	100 MM PVC SERVICE LINE	M	14		
130	700857	900 MM BITUMINOUS COATED CORRUGATED STEEL PIPE INLET (2.01 MM THICK)	M	0.8		
131	703233	GRATED LINE DRAIN	M	43		
132	703361	450 MM BITUMINOUS COATED CORRUGATED STEEL PIPE RISER (2.01 MM THICK)	M	6		
133	705337	600 MM ALTERNATIVE FLARED END SECTION	EA	1		
134	705340	1050 MM ALTERNATIVE FLARED END SECTION	EA	1		
135	707133	900 MM PRECAST CONCRETE PIPE INLET	M	10		
136	721008	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	M3	68		
137	721011	ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B)	M3	25		
138	721023	ROCK SLOPE PROTECTION (1/2T, METHOD B)	M3	49		
139	721024	ROCK SLOPE PROTECTION (1/4T, METHOD B)	M3	11		
140	721420	CONCRETE (DITCH LINING)	M3	95		

**ENGINEER'S ESTIMATE
11-2348U4**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	729010	ROCK SLOPE PROTECTION FABRIC	M2	140		
142	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	M3	41		
143 (S-F)	750001	MISCELLANEOUS IRON AND STEEL	KG	3325		
144 (S)	802585	1.2 M CHAIN LINK GATE (TYPE CL-1.8)	EA	1		
145	820107	DELINEATOR (CLASS 1)	EA	450		
146 (S)	832001	METAL BEAM GUARD RAILING	M	70		
147	833080	CONCRETE BARRIER (TYPE K)	M	4860		
148 (S-F)	833090	TUBULAR HANDRAILING (MODIFIED)	M	152		
149 (F)	833142	CONCRETE BARRIER (TYPE 26 MODIFIED)	M	137		
150 (S-F)	839521	CABLE RAILING	M	890		
151 (S)	839559	TERMINAL SYSTEM (TYPE ET)	EA	3		
152 (S)	839565	TERMINAL SYSTEM (TYPE SRT)	EA	12		
153 (S)	839568	TERMINAL ANCHOR ASSEMBLY (TYPE SFT)	EA	16		
154 (S)	839569	TERMINAL ANCHOR ASSEMBLY (TYPE CA)	EA	2		
155 (S)	839601	CRASH CUSHION (TYPE CAT)	EA	1		
156 (S)	839602	CRASH CUSHION (TYPE CAT) BACKUP	EA	1		
157 (S)	839603	CRASH CUSHION (ADIEM)	EA	5		
158 (S)	839605	CRASH CUSHION (REACT 9SCBS)	EA	2		
159	839701	CONCRETE BARRIER (TYPE 60)	M	370		
160	029818	CONCRETE BARRIER (TYPE 60 MODIFIED)	M	180		

**ENGINEER'S ESTIMATE
11-2348U4**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161	839703	CONCRETE BARRIER (TYPE 60C)	M	270		
162 (F)	049128	CONCRETE BARRIER (TYPE 60A MODIFIED)	M	448		
163	839705	CONCRETE BARRIER (TYPE 60E)	M	64		
164	839726	CONCRETE BARRIER (TYPE 736A)	M	140		
165 (S)	840515	THERMOPLASTIC PAVEMENT MARKING	M2	510		
166 (S)	840563	200 MM THERMOPLASTIC TRAFFIC STRIPE	M	3540		
167 (S)	840564	200 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 3.66 M - 0.92 M)	M	2700		
168 (S)	840567	100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 1.83 M - 0.30 M)	M	80		
169 (S)	840571	100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 5.18 M - 2.14 M)	M	150		
170 (S)	840656	PAINT TRAFFIC STRIPE (2-COAT)	M	51 600		
171 (S)	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	12 200		
172 (S)	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	6100		
173 (S)	860251	SIGNAL AND LIGHTING (LOCATION 1)	LS	LUMP SUM	LUMP SUM	
174 (S)	860252	SIGNAL AND LIGHTING (LOCATION 2)	LS	LUMP SUM	LUMP SUM	
175 (S)	860460	LIGHTING AND SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
176 (S)	860930	TRAFFIC MONITORING STATION	LS	LUMP SUM	LUMP SUM	
177 (S)	029819	COMMUNICATION SYSTEM	LS	LUMP SUM	LUMP SUM	
178 (S)	861101	RAMP METERING SYSTEM (LOCATION 1)	LS	LUMP SUM	LUMP SUM	
179 (S)	861102	RAMP METERING SYSTEM (LOCATION 2)	LS	LUMP SUM	LUMP SUM	
180	BLANK					

**ENGINEER'S ESTIMATE
11-2348U4**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	030135	ABANDON IRRIGATION CROSSOVER	EA	10		
182	120166	CHANNELIZER	EA	22		
183	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID: _____