

**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF ENGINEERING SERVICES**  
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*Flex your power!*  
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November 9, 2010

03-Sac-50-R0.6/17.4  
03-1C12U4  
Project ID 0300000235  
NH-P050(116)E

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SACRAMENTO COUNTY AT VARIOUS LOCATIONS FROM STOCKTON BOULEVARD UNDERCROSSING TO NATOMA OVERHEAD.

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, December 8, 2010.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions, and the Bid book.

Project Plan Sheets 2, 9, 57, 60, 104, 107, 108, 112, 115, 116, 120, 193 and 205 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 95A, 95B and 95C were omitted. Copies of the omitted sheets are attached for addition to the project plans.

In the Special Provisions, Section 5-1.11, "SUPPLEMENTAL PROJECT INFORMATION," Cross Sections, "HCL2," sheets 1 thru 13 are revised. Copies of the revised sheets are attached for substitution for the like numbered sheets.

In the Special Provisions, Section 10-1.055, "TEMPORARY CONCRETE WASHOUT (PORTABLE)," is added as attached.

In the Special Provisions, Section 10-1.19, "MAINTAINING TRAFFIC," Chart No. 11 is revised as attached.

In the Special Provisions, Section 10-1.28, "TEMPORARY CRASH CUSHION (ABSORB 350)," the fifth paragraph is revised as follows:

"The above price will be firm for orders placed on or before June 30, 2011, provided delivery is accepted within 90 days after the order is placed."

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In the Special Provisions, Section 10-1.31, "EXISTING HIGHWAY FACILITIES," the following subsection is added after the subsection "CLEAN BRIDGE DECK"

**"REMOVE ASPHALT CONCRETE SURFACING**

This work includes removing existing asphalt concrete surfacing by cold milling to the existing portland cement concrete slab at bridge decks and approaches.

**Construction**

Cold milling equipment must be able to:

1. Remove concrete a minimum depth of 1/4 inch
2. Provide a surface relief of at most 1/4 inch
3. Provide a 5/32-inch grade tolerance

Cold milling equipment must have the following features:

1. 3 or 4 riding tracks
2. An automatic grade control system with electronic averaging having 3 sensors on each side of the equipment
3. A conveyer system that leaves no debris on the bridge
4. A drum that operates in an up-milling direction
5. Bullet tooth tools with tungsten carbide steel cutting tips
6. A maximum tool spacing of 1/4 inch
7. A maximum operating weight of 66,000 pounds
8. A maximum track unit weight of 6,000 pounds per foot
9. New tooth tools at the start of the job

Provide personnel on each side of the milling drum to monitor cold milling activities. Maintain constant radio communication with the operator during milling activities.

Verify the depth of asphalt concrete surfacing every 50 feet at 1 location on each shoulder and in the traveled way.

Remove existing asphalt concrete surfacing by cold milling. At least 1/2 inch of asphalt concrete surfacing must remain after cold milling activities. Remove remaining 1/2 inch of asphalt surfacing using other means. The existing concrete slab must not be damaged during removal operations.

Dispose of removed materials under Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications.

**Measurement and Payment**

Remove asphalt concrete surfacing will be measured and paid for as cold plane asphalt concrete pavement."

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In the Special Provisions, Section 10-2.01, "HIGHWAY PLANTING," the HIGHWAY PLANTING COST BREAK DOWN table is revised as attached.

In the Special Provisions, Section 10-2.01, "HIGHWAY PLANTING," the IRRIGATION COST BREAK DOWN table is revised as attached.

In the Special Provisions, Section 13-1.02, "RAILROAD REQUIREMENTS," the eighth paragraph is revised as follows:

"Contractor shall also abide by the following temporary clearances during the course of construction if applicable:

(12'-0") Horizontally from centerline of track

(20'-0") Vertically from top of track."

In the Bid book, in the "Bid Item List," Items 53, 59, 65 and 66 are revised, Items 144 and 145 are added and Item 143 is deleted as attached.

To Bid book holders:

Replace pages 5, 6 and 10 of the "Bid Item List" in the Bid book with the attached revised pages 5, 6 and 10 of the Bid Item List. The revised Bid Item List is to be used in the bid.

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.

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

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

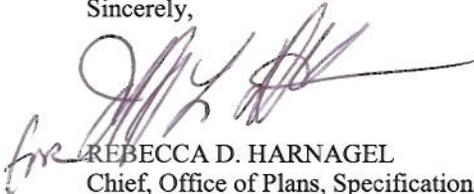
Inform subcontractors and suppliers as necessary.

This addendum and it's attachments are available for the Contractors' download on the Web site:

[http://www.dot.ca.gov/hq/esc/oe/project\\_ads\\_addenda/03/03-1C12U4](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/03/03-1C12U4)

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,



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

Attachments

## **10-1.055 TEMPORARY CONCRETE WASHOUT (PORTABLE)**

### **GENERAL**

#### **Summary**

This work includes removal and disposal of concrete waste by furnishing, maintaining, and removing portable temporary concrete washouts.

SWPPP must describe and include the use of a portable temporary concrete washout as a water pollution control practice for waste management and materials pollution control.

#### **Submittals**

At least 5 business days before concrete activities start, submit:

1. Name and location of off-site concrete waste disposal facility to receive concrete waste
2. Copy of permit issued by RWQCB for off-site commercial disposal facility
3. Copy of license for off-site commercial disposal facility
4. Copy of permit issued by state or local agency having jurisdiction over disposal facility if disposal site is located outside of the State of California

#### **Quality Control and Assurance**

Retain and submit records of disposed concrete waste including:

1. Weight tickets
2. Delivery and removal of temporary concrete washouts

### **MATERIALS**

#### **Portable Temporary Concrete Washout**

Portable temporary concrete washout must:

1. Be a commercially available watertight container.
2. Have sufficient capacity to contain all liquid and concrete waste generated by washout activities without seepage or spills.
3. Have at least 55-gallon capacity.
4. Be labeled for the exclusive use as a concrete waste and washout facility. Stencil "Concrete Waste material" in 3-inch high letters on white background. Top of stenciling must be 12 inches from the top of the container.

#### **Concrete Washout Sign**

Concrete washout sign must comply with the provisions in Section 12-3.06B, "Portable Signs" of the Standard Specifications and:

1. Be approved by the Engineer
2. Consist of base, framework, and sign panel
3. Be made of plywood
4. Be minimum 2' x 4' in size
5. Read "Concrete Washout" with 3 inches high black letters on white background

### **CONSTRUCTION**

#### **Placement**

Place portable temporary concrete washouts at job site:

1. Before concrete placement activities start
2. In the immediate area of concrete work as approved by the Engineer
3. No closer than 50 feet from storm drain inlets, open drainage facilities, ESAs, or watercourses
4. Away from construction traffic or public access areas

Install a concrete washout sign adjacent to each portable temporary concrete washout location.

### **Operation**

Use portable temporary concrete washouts for:

1. Washout from concrete delivery trucks
2. Slurries containing portland cement concrete or hot mix asphalt from sawcutting, coring, grinding, grooving, and hydro-concrete demolition
3. Concrete waste from mortar mixing stations

Relocate portable temporary concrete washouts as needed for concrete construction work.

Replace portable temporary concrete washouts when filled to capacity. Do not fill higher than 6 inches below rim.

Your WPC manager must inspect portable temporary concrete washouts:

1. Daily if concrete work occurs daily
2. Weekly if concrete work does not occur daily

### **Maintenance**

When relocating or transporting a portable temporary concrete washout within the job site, secure it to prevent spilling of concrete waste material. If any spilled material is observed, remove spilled material and place it into portable temporary concrete washout.

### **Removal**

Dispose of concrete waste material at a facility specifically licensed to receive solid concrete waste, liquid concrete waste, or both. When portable temporary concrete washout is full, remove and dispose of concrete waste within 2 days.

### **PAYMENT**

The contract lump sum price paid for temporary concrete washout (portable) includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in furnishing, maintaining, and removing the portable temporary concrete washout, including removal and disposal of concrete waste, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Chart No. 11  
Freeway/Expressway Lane Requirements

County: SACRAMENTO	Route: 50	PM: 0.6/17.4
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Closure Limits:

- WB Sac-50 PM 2.8/3.5 (at 65<sup>th</sup> Street Br. No. 24-0318)

FROM HOUR TO HOUR	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
Fridays	1	1	1	1	1	2																		2	2	2	
Saturdays	1	1	1	1	1	1	2	2	3															3	3	3	2
Sundays	1	1	1	1	1	1	2	2	3	3														3	2	2	1

Legend:

- 1 Provide at least one through freeway lane open in direction of travel
- 2 Provide at least two adjacent through freeway lanes open in direction of travel
- 3 Provide at least three adjacent through freeway lanes open in direction of travel
- Work permitted within project right of way where shoulder or lane closure is not required.

REMARKS:

- See Lane Closure Restriction for Designated Legal Holidays and Special Days table in Maintain Traffic of these special provisions for additional closure restrictions.
- 4 lanes available.
- This chart is for the removal and replacement of the existing chip seal.

### HIGHWAY PLANTING COST BREAK-DOWN

Contract No. 03-1C12U4

UNIT DESCRIPTION	UNIT	APPROXIMATE QUANTITY	VALUE	AMOUNT
ROADSIDE CLEARING	LS	LUMP SUM		
PREPARE HOLE (SOIL AMENDMENT)	EA	112		
CULTIVATE (SOIL AMENDMENT)	CY	221		
MULCH	CY	2,560		
COMMERCIAL FERTILIZER (PACKET)	EA	1,161		
PLANT GROUP A	EA	825		
PLANT GROUP B	EA	112		

**TOTAL** \_\_\_\_\_

**IRRIGATION SYSTEM COST BREAK-DOWN**

**Contract No. 03-1C12U4**

UNIT DESCRIPTION	UNIT	APPROXIMATE QUANTITY	VALUE	AMOUNT
CHECK AND TEST EXISTING IRRIGATION FACILITIES	LS	LUMP SUM		
REMOVE AND RELOCATE EXISTING IRRIGATION FACILITIES	LS	LUMP SUM		
CONTROL AND NEUTRAL CONDUCTORS	LS	LUMP SUM		
1" ELECTRIC REMOTE CONTROL VALVE	EA	3		
1 ½" ELECTRIC REMOTE CONTROL VALVE	EA	2		
2" ELECTRIC REMOTE CONTROL VALVE	EA	9		
1" BATTERY OPERATED CONTROL VALVE	EA	2		
1" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	<b>3,500</b>		
1 ¼" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	<b>1,400</b>		
1 ½" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	<b>900</b>		
2" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	<b>925</b>		
2 ½" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	250		
3" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	400		
4" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	<b>800</b>		
2" PLASTIC PIPE (PR 315)(SUPPLY LINE)	LF	60		
SPRINKLER (TYPE A-6)	EA	21		
SPRINKLER (TYPE B-2)	EA	<b>100</b>		
SPRINKLER (TYPE C-2)	EA	<b>112</b>		
3" GATE VALVE	EA	1		
4" GATE VALVE	EA	1		
1" BALL VALVE	EA	3		
1 ½" BALL VALVE	EA	1		
2" BALL VALVE	EA	4		

TOTAL \_\_\_\_\_

**BID ITEM LIST**  
**03-1C12U4**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	151572	RECONSTRUCT METAL BEAM GUARD RAILING	LF	410		
42	152320	RESET ROADSIDE SIGN	EA	12		
43	152390	RELOCATE ROADSIDE SIGN	EA	6		
44	152398	RELOCATE SIGN STRUCTURE (BRIDGE-MOUNTED)	EA	1		
45	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	26,800		
46	153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	1,030		
47	153218	REMOVE CONCRETE SIDEWALK	CY	130		
48	153235	CLEAN BRIDGE DECK	SQFT	35,400		
49	157561	BRIDGE REMOVAL (PORTION), LOCATION A	LS	LUMP SUM	LUMP SUM	
50	157562	BRIDGE REMOVAL (PORTION), LOCATION B	LS	LUMP SUM	LUMP SUM	
51	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
52	190101	ROADWAY EXCAVATION	CY	9,860		
53	190107	ROADWAY EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	1,290		
54	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
55	190111	ADL BURIAL LOCATION REPORT	LS	LUMP SUM	LUMP SUM	
56	190113	ASBESTOS COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
57 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	840		
58 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	598		
59	198001	IMPORTED BORROW	CY	30,900		
60	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	

**BID ITEM LIST**  
**03-1C12U4**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	203016	EROSION CONTROL (TYPE D)	SQYD	22,800		
62	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
63	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
64	208906	EXTEND 8" CONDUIT	LF	96		
65	260201	CLASS 2 AGGREGATE BASE	CY	13,300		
66	390132	HOT MIX ASPHALT (TYPE A)	TON	11,900		
67	390138	RUBBERIZED HOT MIX ASPHALT (OPEN GRADED)	TON	1,180		
68	391007	PAVING ASPHALT (BINDER, GEOSYNTHETIC PAVEMENT INTERLAYER)	TON	45		
69	393003	GEOSYNTHETIC PAVEMENT INTERLAYER	SQYD	5,330		
70	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	
71	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	320		
72	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	220		
73	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	3,520		
74	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	2,480		
75	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	20		
76	397005	TACK COAT	TON	17		
77	490508	FURNISH STEEL PILING (HP 10 X 57)	LF	641		
78	490509	DRIVE STEEL PILE (HP 10 X 57)	EA	20		
79	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM	LUMP SUM	
80 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	130		

**BID ITEM LIST**  
**03-1C12U4**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	861501	MODIFY SIGNAL AND LIGHTING	LS	LUMP SUM	LUMP SUM	
142	861503	MODIFY LIGHTING	LS	LUMP SUM	LUMP SUM	
143	BLANK					
144	074042	TEMPORARY CONCRETE WASHOUT (PORTABLE)	LS	LUMP SUM	LUMP SUM	
145	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

**TOTAL BID:**

**\$** \_\_\_\_\_