

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Flex your power!
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May 17, 2011

11-SD-15-M26.2/M27.8

11-2T0864

Project ID 1100000755

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SAN DIEGO COUNTY IN SAN DIEGO AND ESCONDIDO FROM LAKE HODGES BRIDGE TO CLARENCE LANE UNDERCROSSING.

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 Thursday, June 2, 2011.

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

Project Plan Sheets 14, 15, 16, 17, 18, 45, and 47 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

In the Special Provisions, Section 10-1.10, "MAINTAINING TRAFFIC," is revised as attached.

In the Special Provisions, Section 10-1.105, "CLOSURE REQUIREMENTS AND CONDITIONS," is added as attached.

In the Special Provisions, Section 10-1.106, "IMPACT ATTENUATOR VEHICLE," is added as attached.

In the Special Provisions, Section 10-1.11, "TRAFFIC CONTROL SYSTEM," is deleted.

In the Special Provisions, Section 10-1.11, "TRAFFIC CONTROL SYSTEM FOR LANE CLOSURE," is added as attached.

In the Special Provisions, Section 10-1.21, "ROCK MULCH," is revised as attached.

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In the Bid book, in the "Bid Item List," Items 57, 58, and 59 are added and Items 15, and 56 are deleted as attached.

To Bid book holders:

Replace pages 3 and 5 of the "Bid Item List" in the Bid book with the attached revised pages 3 and 5 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.

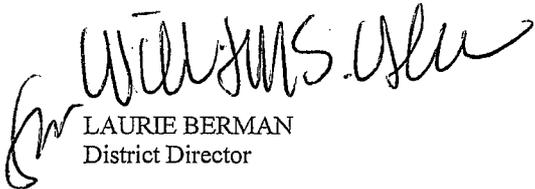
Inform subcontractors and suppliers as necessary.

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

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/11/11-2T0864

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,

A handwritten signature in black ink, appearing to read "Laurie Berman", is written over the typed name and title.

LAURIE BERMAN
District Director

Attachments

10-1.10 MAINTAINING TRAFFIC

Maintaining traffic shall conform to the provisions in Sections 7-1.08, "Public Convenience," Section 7-1.09, "Public Safety," and Section 12, "Construction Area Traffic Control Devices," of the Standard Specifications and these special provisions.

Closure is defined as the closure of a traffic lane or lanes, including shoulders, within a single traffic control system.

Closures shall conform to the provisions in "Traffic Control System for Lane Closure" of these special provisions.

Work that interferes with public traffic shall be limited to the hours when lane closures are allowed, except for work required under Sections 7-1.08, "Public Convenience," and Section 7-1.09, "Public Safety."

Designated legal holidays are: January 1st, the third Monday in February, the last Monday in May, July 4th, the first Monday in September, November 11th, Thanksgiving Day, and December 25th. When a designated legal holiday falls on a Sunday, the following Monday shall be a designated legal holiday. When November 11th falls on a Saturday, the preceding Friday shall be a designated legal holiday.

Personal vehicles of the Contractor's employees shall not be parked on the traveled way or shoulders including sections closed to public traffic.

When work vehicles or equipment are parked within 6 feet of a traffic lane to perform active construction, the shoulder area shall be closed as shown on the plans.

If minor deviations from the lane requirement charts are required, a written request shall be submitted to the Engineer at least 15 days before the proposed date of the closure. The Engineer may approve the deviations if there is no significant increase in the cost to the State and if the work can be expedited and better serve the public traffic.

Lane Closure Restriction for Designated Legal Holidays										
Thu	Fri	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat	Sun
x	H xx	xx	xx							
x	xx	H xx	xx							
	x	xx	H xx	xx						
	x	xx	xx	H xx	xxx					
				x	H xx					
					x	H xx				
						x	H xx	xx	xx	xx
Legends:										
x	The full width of the traveled way shall be open for use by public traffic after 1200.									
xx	The full width of the traveled way shall be open for use by public traffic.									
xxx	The full width of the traveled way shall be open for use by public traffic until 0500.									
H	Designated Legal Holiday									
REMARKS: This table is to be used concurrently with all charts.										

Chart No. 1 Freeway/Expressway Lane Requirements																										
County: SD					Route/Direction: 15/NB										PM: M25.95 - M27.80											
					15/SB										PM: M27.85 - M26.20											
Closure Description: 0.08 mi. S. of Pomerado/W Bernardo Br. to 0.04 mi. N. of Clarence Ln. UC																										
0.09 mi. N. of Clarence Ln. UC to Lake Hodges Br.																										
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
Mondays through Thursdays		4	4	4	4	4					S	S	S	S	S	S	S	S						4	4	4
Fridays		4	4	4	4	4					S	S	S	S	S	S	S	S								
Saturdays											S	S	S	S	S	S	S	S								
Sundays											S	S	S	S	S	S	S	S						4	4	4
Legend:																										
4		Provide at least four adjacent through freeway lanes open in direction of travel																								
S		Shoulder closure permitted (right / left)																								
		Work permitted within project right of way where shoulder or lane closure is not required.																								
REMARKS:																										

CONTRACT NO. 11-2T0864
 REVISED PER ADDENDUM NO. 3 DATED MAY 17, 2011

**Chart No. 2
Ramp Lane Requirements**

County: SD	Route/Direction: 15/NB	PM: M26.728 M26.895 M27.388
	15/SB	M27.455 M26.999 M26.785

Closure Limits: NB Off-ramp to Via Rancho Pkwy.
 NB On-ramp from Via Rancho Pkwy.
 NB Off-ramp to Centre City Pkwy.

SB On-ramp from Centre City Pkwy.
 SB Off-ramp to Via Rancho Pkwy.
 SB On-ramp from Via Rancho Pkwy.

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
Mondays through Thursdays										S	S	S	S	S	S	S	S								
Fridays										S	S	S	S	S	S	S	S								
Saturdays										S	S	S	S	S	S	S	S								
Sundays										S	S	S	S	S	S	S	S								

Legend:
 S Shoulder closure permitted
 Work permitted within project right of way where shoulder or lane closure is not required.

REMARKS:

**Chart No. 3
Road Lane Requirement**

County: SD	Route/Direction: S. Escondido Blvd./SB	PM:
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Closure Description: At Rte. 15

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
Mondays through Thursdays										S	S	S	S	S	S	S	S								
Fridays										S	S	S	S	S	S	S	S								
Saturdays										S	S	S	S	S	S	S	S								
Sundays										S	S	S	S	S	S	S	S								

Legend:

- S Shoulder closure permitted
- Work permitted within project right of way where shoulder or lane closure is not required.

REMARKS:

10-1.105 CLOSURE REQUIREMENTS AND CONDITIONS

Closures shall conform to the provisions in "Maintaining Traffic" of these special provisions and these special provisions.

CLOSURE SCHEDULE

A written schedule of planned closures for the next week period, defined as Sunday noon through the following Sunday noon, shall be submitted by noon each Monday. A written schedule shall be submitted not less than 25 days and not more than 125 days before the anticipated start of any operation that will:

1. Reduce horizontal clearances, traveled way, including shoulders, to two lanes or less due to such operations as temporary barrier placement and paving
2. Reduce the vertical clearances available to the public due to such operations as pavement overlay, overhead sign installation, or falsework or girder erection

The Closure Schedule shall show the locations and times of the proposed closures. The Closure Schedule request forms furnished by the Engineer shall be used. Closure Schedules submitted to the Engineer with incomplete or inaccurate information will be rejected and returned for correction and resubmittal. The Contractor will be notified of disapproved closures or closures that require coordination with other parties as a condition of approval.

Closure Schedule amendments, including adding additional closures, shall be submitted by noon to the Engineer, in writing, at least 3 business days in advance of a planned closure. Approval of Closure Schedule amendments will be at the discretion of the Engineer.

The Engineer shall be notified of cancelled closures 2 business days before the date of closure.

Closures that are cancelled due to unsuitable weather may be rescheduled at the discretion of the Engineer.

CONTINGENCY PLAN

A detailed contingency plan shall be prepared for reopening closures to public traffic. If required by "Beginning of Work, Time of Completion and Liquidated Damages" of these special provisions, the contingency plan shall be submitted to the Engineer before work at the job site begins. Otherwise, the contingency plan shall be submitted to the Engineer within one business day of the Engineer's request.

LATE REOPENING OF CLOSURES

If a closure is not reopened to public traffic by the specified time, work shall be suspended in conformance with the provisions in Section 8-1.05, "Temporary Suspension of Work," of the Standard Specifications. No further closures are to be made until the Engineer has accepted a work plan, submitted by the Contractor, that will insure that future closures will be reopened to public traffic at the specified time. The Engineer will have 2 business days to accept or reject the Contractor's proposed work plan. The Contractor will not be entitled to compensation for the suspension of work resulting from the late reopening of closures.

COMPENSATION

The Engineer shall be notified of delays in the Contractor's operations due to the following conditions, and if, in the opinion of the Engineer, the Contractor's controlling operation is delayed or interfered with by reason of those conditions, and the Contractor's loss due to that delay could not have been avoided by rescheduling the affected closure or by judicious handling of forces, equipment and plant, the delay will be considered a right of way delay and will be compensated in conformance with the provisions in Section 8-1.09, "Right of Way Delays," of the Standard Specifications:

1. The Contractor's proposed Closure Schedule is denied and his planned closures are within the time frame allowed for closures in "Maintaining Traffic" of these special provisions, except that the Contractor will not be entitled to compensation for amendments to the Closure Schedule that are not approved.
2. The Contractor is denied a confirmed closure.

Should the Engineer direct the Contractor to remove a closure before the time designated in the approved Closure Schedule, delay to the Contractor's schedule due to removal of the closure will be considered a right of way delay and compensation for the delay will be determined in conformance with the provisions in Section 8-1.09, "Right of Way Delays," of the Standard Specifications.

10-1.106 IMPACT ATTENUATOR VEHICLE

GENERAL

Summary

Work includes protecting traffic and workers by using impact attenuator vehicle as a shadow vehicle when placing and removing components of a traffic control system, and when performing a moving lane closure.

Comply with Section 12-3.03, "Flashing Arrow Signs," of the Standard Specifications.

Impact attenuator vehicle must comply with the following test levels under National Cooperative Highway Research Program 350:

1. Test level 3 for pre-construction posted speed limit of 50 mph or more
2. Test levels 2 or 3 for pre-construction posted speed limit of 45 mph or less

Comply with the attenuator manufacturer's recommendations for:

1. Support truck
2. Trailer-mounted operation
3. Truck-mounted operation

Definitions

impact attenuator vehicle: Support truck towing a deployed attenuator mounted to a trailer or support truck with a deployed attenuator mounted to the support truck.

Submittals

Upon request, submit a Certificate of Compliance for attenuator to the Engineer under Section 6-1.07, "Certificates of Compliance," of the Standard Specifications.

Quality Control and Assurance

Attenuator must be a brand listed on the Department's pre-approved list under Highway Safety Features at:

http://www.dot.ca.gov/hq/esc/approved_products_list/

MATERIALS

The combined weight of the support truck and the attenuator must be at least 19,800 pounds, except the weight of the support truck must not be less than 16,100 pounds or greater than 26,400 pounds.

If using the Trinity MPS-350 truck-mounted attenuator, the support truck must not have any underneath fuel tank mounted within 10'-6" of the rear of the support truck.

Each impact attenuator vehicle must:

1. Have standard brake lights, taillights, sidelights, and turn signals
2. Have an inverted "V" chevron pattern placed across the entire rear of the attenuator composed of alternating 4 inch wide non-reflective black stripes and 4 inch wide yellow retroreflective stripes sloping at 45 degrees
3. Have a Type II flashing arrow sign
4. Have a flashing or rotating amber light
5. Have an operable 2-way communication system for maintaining contact with workers

CONSTRUCTION

Use impact attenuator vehicle to follow behind equipment and workers who are placing and removing components of a traffic control system for a lane closure. Flashing arrow sign must be operating in arrow mode during this activity. Follow at a distance to prevent intrusion into the workspace from passing traffic.

After placing components of a traffic control system for a lane closure, you may use impact attenuator vehicle in a closed lane and in advance of a work area to protect traffic and workers.

Secure objects including equipment, tools and ballast on impact attenuator vehicle to prevent loosening upon impact by an errant vehicle.

Do not use a damaged attenuator in the work. Replace, at your expense, an attenuator damaged from an impact during work.

MEASUREMENT AND PAYMENT

Full compensation for furnishing and operating impact attenuator vehicle is included in the contract lump sum price paid for traffic control system, and no additional compensation will be allowed therefor.

10-1.11 TRAFFIC CONTROL SYSTEM FOR LANE CLOSURE

A traffic control system shall consist of closing traffic lanes in conformance with the details shown on the plans, the provisions in Section 12, "Construction Area Traffic Control Devices," of the Standard Specifications, the provisions under "Maintaining Traffic" and "Construction Area Signs" of these special provisions, and these special provisions.

The provisions in this section will not relieve the Contractor from the responsibility to provide additional devices or take measures as may be necessary to comply with the provisions in Section 7-1.09, "Public Safety," of the Standard Specifications.

Each vehicle used to place, maintain and remove components of a traffic control system on multilane highways shall be equipped with a Type II flashing arrow sign which shall be in operation when the vehicle is being used for placing, maintaining or removing components. Vehicles equipped with Type II flashing arrow sign not involved in placing, maintaining or removing components when operated within a stationary lane closure shall only display the caution display mode. The sign shall be controllable by the operator of the vehicle while the vehicle is in motion. The flashing arrow sign shown on the plans shall not be used on vehicles which are being used to place, maintain and remove components of a traffic control system and shall be in place before a lane closure requiring its use is completed.

If components in the traffic control system are displaced or cease to operate or function as specified, from any cause, during the progress of the work, the Contractor shall immediately repair the components to the original condition or replace the components and shall restore the components to the original location.

When lane closures are made for work periods only, at the end of each work period, components of the traffic control system, except portable delineators placed along open trenches or excavation adjacent to the traveled way, shall be removed from the traveled way and shoulder. If the Contractor so elects, the components may be stored at selected central locations designated by the Engineer within the limits of the highway right of way.

The contract lump sum price paid for traffic control system shall include full compensation for furnishing all labor, materials (including signs), tools, equipment, and incidentals, and for doing all the work involved in placing, removing, storing, maintaining, moving to new locations, replacing, and disposing of the components of the traffic control system shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

The adjustment provisions in Section 4-1.03, "Changes," of the Standard Specifications shall not apply to the item of traffic control system. Adjustments in compensation for traffic control system will be made only for increased or decreased traffic control system required by changes ordered by the Engineer and will be made on the basis of the cost of the increased or decreased traffic control necessary. The adjustment will be made on a force account basis as provided in Section 9-1.03, "Force Account Payment," of the Standard Specifications for increased work and estimated on the same basis in the case of decreased work.

Traffic control system required by work which is classed as extra work, as provided in Section 4-1.03D of the Standard Specifications, will be paid for as a part of the extra work.

10-1.21 ROCK MULCH

Rock mulch work consists of furnishing and placing rock and weed block fabric at the location shown on the plans, in conformance with the details shown on the plans, as specified in these special provisions and as directed by the Engineer.

Rock mulch, of the types listed below, is required at various locations as shown on the plans:

- A. Rock Mulch (Type 1)
- B. Rock Mulch (Type 2)

Rock for rock mulch (Type 1) must conform to the provisions in "Rock Blanket" of these special provisions.

Rock for rock mulch (Type 2) must be clean, smooth rock obtained from a single source, and vary in size between 1/2 inch and 1 inch. The color of the rock must be gold, closely resembling KRC Rock's "Palm Springs Gold."

A sample of rock mulch must be submitted to the Engineer for approval prior to delivery of the rock mulch to the project site.

Prior to beginning rock mulch work, areas to receive the rock mulch must be cleared in conformance with the provisions in "Roadside Clearing" of these special provisions.

After clearing has been completed, weed block fabric must be placed in accordance with the details shown on the plans and in conformance with the following provisions:

- A. Weed block fabric must conform to the requirements for Class A in Section 88-1.02, "Filtration," of the Standard Specifications.
- B. Areas to receive weed block fabric, immediately prior to placing, must be free of loose or extraneous material and sharp objects that may damage the fabric during installation.
- C. The installed weed block fabric must fit the soil surface contour and must be held in place by 9" long, 11-gage (minimum) steel wire staples driven vertically into the soil at approximately 24" spacing. Adjacent rolls of weed block fabric must be overlapped a minimum of 24". The preceding roll must overlap the following roll in the direction of the material being spread over the weed block fabric.
- D. Should the weed block fabric be damaged during placement, the torn or punctured section must be either completely replaced or must be repaired by placing a piece of fabric that is large enough to cover the damaged area and meet the overlap requirement.
- E. Damage to the weed block fabric resulting from the Contractor's vehicles, equipment or operations must be replaced or repaired by the Contractor at the Contractor's expense.

The quantity of rock mulch will be measured by the square yard as determined from actual measurements made parallel to the ground slope. Rock mulch placed outside the limits shown on the plans will not be measured nor paid for.

The contract price paid per square yard for rock mulch of the types listed in the Bid Item List includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in rock mulch, complete in place, including furnishing and installing weed block fabric, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

BID ITEM LIST

11-2T0864

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	074016	CONSTRUCTION SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
2	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
3	074033	TEMPORARY CONSTRUCTION ENTRANCE	EA	1		
4	074035	TEMPORARY CHECK DAM	LF	280		
5	074038	TEMPORARY DRAINAGE INLET PROTECTION	EA	5		
6	074056	RAIN EVENT ACTION PLAN	EA	21	500	10,500
7	074057	STORM WATER ANNUAL REPORT	EA	4	2,000	8,000
8	074058	STORM WATER SAMPLING AND ANALYSIS DAY	EA	3		
9	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
10	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
11	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2		
12	190110	LEAD COMPLIANCE PLAN	EA	1		
13	200002	ROADSIDE CLEARING	LS	LUMP SUM	LUMP SUM	
14	200114	ROCK BLANKET	SQYD	640		
15	BLANK					
16	202003	IRON SULFATE	LB	5,670		
17	202011	MULCH	CY	1,930		
18	202031	COMMERCIAL FERTILIZER (SLOW RELEASE)	LB	1,440		
19	202033	COMMERCIAL FERTILIZER (PACKET)	EA	16,500		
20	020592	MAINTAIN EXISTING FIBER ROLLS	LS	LUMP SUM	LUMP SUM	

BID ITEM LIST
11-2T0864

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	208468	SPRINKLER (TYPE A-8)	EA	39		
42	208472	SPRINKLER (TYPE B-2)	EA	36		
43	208480	SPRINKLER (TYPE C-2 MOD)	EA	390		
44	208575	2" GATE VALVE	EA	55		
45	208588	3" GATE VALVE	EA	5		
46	208589	4" GATE VALVE	EA	3		
47 (F)	208595	1" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	26,525		
48 (F)	208596	1 1/4" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	7,695		
49 (F)	208597	1 1/2" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	2,575		
50 (F)	208598	2" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	4,775		
51 (F)	208599	2 1/2" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	220		
52 (F)	020598	3" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	5,830		
53 (F)	020599	4" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	11,690		
54	209202	RECYCLED WATER WARNING SIGNS	LS	LUMP SUM	LUMP SUM	
55	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
56	BLANK					
57	020908	ROCK MULCH (TYPE 1)	SQYD	5,610		
58	020909	ROCK MULCH (TYPE 2)	SQYD	1,250		
59	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$ _____