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**DIVISION OF ENGINEERING SERVICES**  
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**\*\* WARNING \*\* WARNING \*\* WARNING \*\* WARNING \*\***

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August 3, 2007

12-Ora-405-21.4/21.8  
 12-0H5404

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in ORANGE COUNTY IN THE CITY OF FOUNTAIN VALLEY FROM 0.4 KM TO 0.8 KM SOUTH OF BROOKHURST STREET OVERCROSSING.

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 August 9, 2007.

This addendum is being issued to revise the Project Plans, the Notice to Contractors and Special Provisions, and the Proposal and Contract.

Project Plan Sheet 20 is revised as follows:

The following column is added to the end of "RETAINING WALL QUANTITIES" table:

MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)
m3
10
10

12-Ora-405-21.4/21.8  
12-0H5404

Project Plan Sheet 20 is revised as follows:

The following column is added to the end of "EARTH WORK QUANTITIES" table:

COLD PLANE
M2
268
281
598
439
122
1708

In the Special Provisions, Section 10-1.24, "EXISTING HIGHWAY FACILITIES," subsection, "COLD PLANE ASPHALT CONCRETE PAVEMENT," is added after the subsection, "REMOVE TRAFFIC STRIPE," as attached.

In the Special Provisions, Section 10-1.36, "MISCELLANEOUS CONCRETE CONSTRUCTION," is revised as attached.

In the Special Provisions, Section 10-1.365, "CURB RAMP DETECTABLE WARNING SURFACE," is added as attached.

In the Proposal and Contract, the Engineer's Estimate Items 59, 60, and 61 are added and Item 58 is deleted as attached.

To Proposal and Contract book holders:

Replace page 5 of the Engineer's Estimate in the Proposal with the attached revised page 5 and page 5A of the Engineer's Estimate. The revised Engineer's Estimate 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 CONTRACTORS section of the Notice to Contractors 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 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.

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This office is sending this addendum by confirmed facsimile to all book holders to ensure that each receives it. A copy of this addendum is available for the contractor's use on the Internet Site:

**[http://www.dot.ca.gov/hq/esc/oe/weekly\\_ads/addendum\\_page.html](http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html)**

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  
Division of Engineering Services - Office Engineer

Attachments

## **COLD PLANE ASPHALT CONCRETE PAVEMENT**

Existing asphalt concrete pavement shall be cold planed at the locations and to the dimensions shown on the plans.

Planing asphalt concrete pavement shall be performed by the cold planing method. Planing of the asphalt concrete pavement shall not be done by the heater planing method.

Cold planing machines shall be equipped with a cutter head not less than 750 mm in width and shall be operated so that no fumes or smoke will be produced. The cold planing machine shall plane the pavement without requiring the use of a heating device to soften the pavement during or prior to the planing operation.

The depth, width, and shape of the cut shall be as shown on the typical cross sections or as designated by the Engineer. The final cut shall result in a uniform surface conforming to the typical cross sections. The outside lines of the planed area shall be neat and uniform. Planing asphalt concrete pavement operations shall be performed without damage to the surfacing to remain in place.

Planed widths of pavement shall be continuous except for intersections at cross streets where the planing shall be carried around the corners and through the conform lines. Following planing operations, a drop-off of more than 45 mm will not be allowed between adjacent lanes open to public traffic.

Where transverse joints are planed in the pavement at conform lines no drop-off shall remain between the existing pavement and the planed area when the pavement is opened to public traffic. If asphalt concrete has not been placed to the level of existing pavement before the pavement is to be opened to public traffic a temporary asphalt concrete taper shall be constructed. Asphalt concrete for temporary tapers shall be placed to the level of the existing pavement and tapered on a slope of 1:30 (Vertical: Horizontal) or flatter to the level of the planed area.

Asphalt concrete for temporary tapers shall be commercial quality and may be spread and compacted by any method that will produce a smooth riding surface. Temporary asphalt concrete tapers shall be completely removed, including the removal of loose material from the underlying surface, before placing the permanent surfacing. The removed material shall be disposed of outside the highway right of way in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications.

Operations shall be scheduled so that not more than 7 days shall elapse between the time when transverse joints are planed in the pavement at the conform lines and the permanent surfacing is placed at the conform lines.

The material planed from the roadway surface, including material deposited in existing gutters or on the adjacent traveled way, shall be disposed of in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications. Removal operations of cold planed material shall be concurrent with planing operations and follow within 15 m of the planer, unless otherwise directed by the Engineer.

Cold plane asphalt concrete pavement will be measured by the square meter. The quantity to be paid for will be the actual area of surface cold planed irrespective of the number of passes required to obtain the depth shown on the plans.

The contract price paid per square meter for cold plane asphalt concrete pavement shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in cold planing asphalt concrete surfacing and disposing of planed material, including furnishing the asphalt concrete for and constructing, maintaining, removing, and disposing of temporary asphalt concrete tapers, as specified in the Standard Specifications and these special provisions and as directed by the Engineer.

**10-1.36 MISCELLANEOUS CONCRETE CONSTRUCTION**

Concrete gutter behind retaining wall, as shown on the plans, shall conform to the provisions in Section 73, "Concrete Curbs and Sidewalks," of the Standard Specifications.

#### **10-1.365 CURB RAMP DETECTABLE WARNING SURFACE**

Curb ramp detectable warning surface shall consist of raised truncated domes installed on existing curb ramps in conformance with the details shown on the plans and these special provisions. The detectable warning surface shall be prefabricated. The color of the detectable warning surface shall be yellow conforming to Federal Standard 595B, Color No. 33538.

Prefabricated detectable warning surface shall be in conformance with the requirements established by the Department of General Services, Division of State Architect and be attached in conformance with the manufacturer's recommendations.

The finished surfaces of the detectable warning surface shall be free from blemishes.

The manufacturer shall provide a written 5-year warranty for prefabricated detectable warning surfaces, guaranteeing replacement when there is defect in the dome shape, color fastness, sound-on-cane acoustic quality, resilience, or attachment. The warranty period shall begin upon acceptance of the contract.

The contract price paid per square meter for curb ramp detectable warning surface shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in curb ramp detectable warning surface as specified in the Standard Specifications and these special provisions and as directed by the Engineer.

**ENGINEER'S ESTIMATE  
12-0H5404**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41 (S-F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	KG	3500		
42	650069	450 MM REINFORCED CONCRETE PIPE	M	18		
43 (S)	731656	CURB RAMP DETECTABLE WARNING SURFACE	M2	4		
44 (S-F)	750001	MISCELLANEOUS IRON AND STEEL	KG	296		
45	820107	DELINEATOR (CLASS 1)	EA	28		
46 (S)	832003	METAL BEAM GUARD RAILING (WOOD POST)	M	190		
47	839521	CABLE RAILING	M	72		
48	839525	CONNECT GUARD RAILING TO STRUCTURE	EA	1		
49	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	1		
50	839704	CONCRETE BARRIER (TYPE 60D)	M	92		
51 (S)	840515	THERMOPLASTIC PAVEMENT MARKING	M2	20		
52 (S)	840561	100 MM THERMOPLASTIC TRAFFIC STRIPE	M	610		
53 (S)	840571	100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 5.18 M - 2.14 M)	M	170		
54 (S)	840656	PAINT TRAFFIC STRIPE (2-COAT)	M	600		
55 (S)	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	94		
56 (S)	012034	COMMUNICATION SYSTEM	LS	LUMP SUM	LUMP SUM	
57 (S)	861088	MODIFY RAMP METERING SYSTEM	LS	LUMP SUM	LUMP SUM	
58	BLANK					
59	153103	COLD PLANE ASPHALT CONCRETE	M2	1700		
60	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	M3	10		

**ENGINEER'S ESTIMATE  
12-0H5404**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

**TOTAL BID:** \_\_\_\_\_