

**DEPARTMENT OF TRANSPORTATION**  
DIVISION OF ENGINEERING SERVICES  
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*Flex your power!  
Be energy efficient!*

April 3, 2012

04-Ala-13-10.0/13.2  
04-2R9904  
Project ID 0400000877

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN ALAMEDA COUNTY IN BERKELEY FROM HILLER DRIVE TO SAN PABLO AVENUE.

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 Tuesday, April 17, 2012, instead of the original bid opening date of Wednesday, April 11, 2012.

This addendum is being issued to change the bid opening date as shown herein, revise the Project Plans, the Notice to Bidders and Special Provisions and the Bid book.

Project Plan Sheets 1, 25, 55 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 33A, 33B, 33C, 33D, 33E, 33F, 33G, 33H, 33I, 33J, 33K, 33L are added. Copies of the added sheets are attached for addition to the project plans.

In the Special Provisions, Section 4, "BEGINNING OF WORK, TIME OF COMPLETION, AND LIQUIDATED DAMAGES," the number of working days is changed from 45 to 65 working days.

In the Special Provisions, Section 5-1.07, "DAMAGE CLAIMS," is deleted.

In the Special Provisions, Section 5-1.09, "NOISE CONTROL," is revised as attached.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," is revised as attached.

In the Special Provisions, Section 10-1.05, "COOPERATION," is revised as attached.

In the Special Provisions, Section 10-1.08, "MAINTAINING TRAFFIC," "Conventional Highway Lane Requirements," Chart No. 1, 2 and 3 are replaced and Chart 4, 5, 6, and 7 are added as attached.

In the Special Provisions, Section 10-1.12, "PORTABLE CHANGEABLE MESSAGE SIGNS," is revised as attached.

In the Bid book, in the "Bid Item List," Items 7 and 14 are revised as attached.

Addendum No. 1  
Page 2  
April 3, 2012

04-Ala-13-10.0/13.2  
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To Bid book holders:

Replace page 3 of the "Bid Item List" in the Bid book with the attached revised page 3 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/04/04-2R9904](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/04/04-2R9904)**

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,



BIJAN SARTIPI  
District Director

Attachments

## **5-1.09 NOISE CONTROL**

### **General**

This section applies to equipment on the project or associated with the project, including trucks, transit mixers, stationary equipment, and transient equipment.

Do not exceed 86 dBA LMax at 50 feet from the job site activities from 10:00 p.m. to 6:00 a.m.

### **Noise Monitoring**

Provide 1 Type 1 sound level meter and 1 acoustic calibrator to be used by the Department until contract acceptance. Provide training by a person trained in noise monitoring to 1 Department employee designated by the Engineer. The sound level meter must be calibrated and certified by the manufacturer or other independent acoustical laboratory before delivery to the Department. Provide annual recalibration by the manufacturer or other independent acoustical laboratory. The sound level meter must be capable of taking measurements using the A-weighting network and the slow response settings. The measurement microphone must be fitted with a windscreen. The Department returns the equipment to you at contract acceptance.

The contract lump sum price paid for noise monitoring includes full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in noise monitoring.

### 10-1.01 ORDER OF WORK

Order of work shall conform to the provisions in Section 5-1.05, "Order of Work," of the Standard Specifications and these special provisions.

The contractor shall keep their equipment and vehicles within the highway right of way to minimize inconvenience to the public.

Three weeks prior to work at each project location, the contractor shall submit to the engineer a work plan for said location that includes the schedule and order of work to be done, notification to the City Traffic Engineer, emergency services, transit authorities, affected businesses and residents, and the posting of no parking zones a minimum of 5 days in advance.

Two weeks prior to any work requiring daytime lane closures, the portable changeable message signs shall be placed, operated, and maintained informing the public of the upcoming work as per the Motorist Information Plan.

Contractor shall notify Berkeley City Dispatch daily at 510-981-5900 prior to starting work and at the end of the day's shift.

Work shall commence with Stage 1 (north of Hiller Drive to The Uplands) as shown in the plans and proceed sequentially northwards towards San Pablo Avenue. Work shall not commence on a stage until all paving is completed on the previous stage.

During each stage, no more than one major intersections shall be closed at a time. Major intersections are defined as those at San Pablo Avenue, Sacramento Street, Martin Luther King Jr. Way, Adeline Street, Shattuck Avenue, Telegraph Avenue, College Avenue, Claremont Avenue, and Domingo Avenue.

All manholes, handholes, valve and monument covers, curbs, gutters and other facilities to remain in place shall be protected during the cold plane and paving operations in conformance with the provisions in Sections 5-1.18, Property and Facility Preservation" and 7-1.12 "Indemnification and Insurance" of the Amended Standard Specifications dated May 2006.

The first order of work shall be to place the order for the electrical equipment. The Engineer shall be furnished a statement from the vendor that the order for the electrical equipment has been received and accepted by the vendor.

The uppermost layer of new pavement shall not be placed until all underlying conduits and loop detectors have been installed.

Prior to commencement of the traffic signal functional test at any location, all items of work related to signal control shall be completed and all roadside signs, pavement delineation, and pavement markings shall be in place at that location.

Attention is directed to "Maintaining Traffic" and "Temporary Pavement Delineation" of these special provisions and to the stage construction sheets of the plans.

The work shall be performed in conformance with the stages of construction shown on the plans.

Before obliterating any pavement delineation (traffic stripes, pavement markings, and pavement markers) that is to be replaced on the same alignment and location, as determined by the Engineer, the pavement delineation shall be referenced by the Contractor, with a sufficient number of control points to reestablish the alignment and location of the new pavement delineation. The references shall include the limits or changes in striping pattern, including one- and 2-way barrier lines, limit lines, crosswalks and other pavement markings. Full compensation for referencing existing pavement delineation shall be considered as included in the contract prices paid for new pavement delineation and no additional compensation will be allowed therefor.

Prior to applying HMA (Bonded Wearing Course - Gap Graded), the Contractor shall cover all manholes, valve and monument covers, grates, or other exposed facilities located within the area of application, using a plastic or oil resistant construction paper secured to the facility being covered by tape or adhesive. The covered facilities shall be referenced by the Contractor, with a sufficient number of control points to relocate the facilities after the HMA (Bonded Wearing Course - Gap Graded) has been placed. After completion of the HMA (Bonded Wearing Course -Gap Graded) operation, all covers shall be removed and disposed of in a manner satisfactory to the Engineer. Full compensation for covering manholes, valve and monument covers, grates, or other exposed facilities, referencing, and removing temporary cover shall be considered as included in the contract price paid per ton for HMA (Bonded Wearing Course - Gap Graded), and no additional compensation will be allowed therefor.

**10-1.05 COOPERATION**

It is anticipated that work by another contractor may be in progress adjacent to or within the limits of this project during progress of the work on this contract. The following table lists contracts anticipated to be in progress during this contract.

Contract No.	Co-Rte-PM	Location	Type of Work
0G2104	ALA-13-9.9/10.1	OAKLAND	CLEAR ROCK OUTCROPPING EXTEND SIDEWALK AND CONSTRUCT RETAINING WALL
294911	ALA-24-5.1/6.2	ALAMEDA AND CONTRA COSTA COUNTY	CONSTRUCT TUNNEL AND BUILDING
CITY OF BEREKLEY SEWER LINING PROJECT FROM ADELINE TO 9 <sup>th</sup> STREET			

Comply with Section 7-1.14, "Cooperation," of the Standard Specifications.



**Chart No. 2  
Conventional Highway Lane Requirements**

County: Ala	Route/Direction: 13/NB/SB	PM: 11.6/12.3																								
Closure Limits: From Martin Luther King Jr. Way To Telegraph Ave.																										
<b>FROM HOUR TO HOUR</b>	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	C	C	C	C	C	C																				
Fridays	C	C	C	C	C	C																				
Saturdays	C	C	C	C	C	C	C	C	C																	
Sundays	C	C	C	C	C	C	C	C	C	C																

**Legend:**

C Closure of one direction of travel allowed

No closure is allowed

**REMARKS:**

1. This chart applies to operations for the placement of permanent striping.
2. This chart applies to Replace AC Surfacing at the intersection of Shattuck Ave.
3. Traffic for the closed direction shall be detoured to the roadway in the opposite direction of travel with at least one 10-foot lane provided for each direction.
4. Direction of travel is defined as the parking area, shoulder and traveled way between the outside curb and center line.
5. Flaggers located at each end of closed roadway segment shall control traffic at all times during closure.
6. Left turns shall be prohibited within the length of traffic control.
7. See Traffic Handling Plans.
8. Parking shall not be permitted along Route 13 in the vicinity of the construction.
9. For closure of Telegraph Ave. refer to Detour Plan No. 1; for Shattuck Ave., refer to Detour Plan No. 13.

**Chart No. 3  
Conventional Highway Lane Requirements**

County: Ala	Route/Direction: 13/NB/SB												PM: 10.0/11.6													
Closure Limits: From Telegraph Ave. to Hiller Dr.																										
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	R	R	R	R	R	R																				
Fridays	R	R	R	R	R	R																				
Saturdays																										
Sundays																									R	R

Legend:

- R Provide at least one through traffic lane, not less than 12 feet in width, for use by both direction of travel (Reversing Control)
- No work permitted

REMARKS:

1. This chart applies to operations for the placement of permanent striping.
2. This chart applies to Replace AC Surfacing at the intersection of Telegraph Ave.
3. Traffic for the closed direction of travel must be detoured to the roadway in the opposite direction of travel with reversing one-way control.
4. Direction of travel is defined as the parking area, shoulder and traveled way between the outside curb and center line.
5. Flaggers located at each end of closed roadway segment must control traffic at all times during closure.
6. Left turns must be prohibited within the length of reversing one-way control except as indicated on Traffic Handling Plans.
7. See Traffic Handling Plans.
8. Parking must be prohibited along Route 13 in the vicinity of the construction.
9. For closure of Telegraph Ave. refer to Detour Plan No. 1; for College Ave. refer to Detour Plan No. 2; for Domingo Ave., refer to Detour Plan No. 3.

**Chart No. 4  
Conventional Highway Lane Requirements**

County: Ala	Route/Direction: 13/NB/SB												PM: 12.3/13.2													
Closure Limits: From San Pablo Avenue to Martin Luther King Jr. Way																										
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												C	C	C	C	C	C									
Fridays												C	C	C	C	C	C									
Saturdays												C	C	C	C	C	C									
Sundays												C	C	C	C	C	C									

Legend:

- C Closure of one direction of travel allowed
- No closure is allowed

REMARKS:

1. Traffic for the closed direction shall be detoured to the roadway in the opposite direction of travel with at least one 10-foot lane provided for each direction.
2. Direction of travel is defined as the parking area, shoulder and traveled way between the outside curb and center line.
3. Flaggers located at each end of closed roadway segment shall control traffic at all times during closure.
4. Left turns shall be prohibited within the length of traffic control.
5. See Traffic Handling Plans.
6. Parking shall not be permitted along Route 13 in the vicinity of the construction.

**Chart No. 5  
Conventional Highway Lane Requirements**

County: Ala	Route/Direction: 13/NB/SB										PM: 11.6/12.3															
Closure Limits: From Martin Luther King Jr. Way to Telegraph Ave.																										
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											C	C	C	C	C	C										
Fridays											C	C	C	C	C	C										
Saturdays											C	C	C	C	C	C										
Sundays											C	C	C	C	C	C										

Legend:

C Closure of one direction of travel allowed

No closure is allowed

REMARKS:

1. Traffic for the closed direction shall be detoured to the roadway in the opposite direction of travel with at least one 10-foot lane provided for each direction.
2. Direction of travel is defined as the parking area, shoulder and traveled way between the outside curb and center line.
3. Flaggers located at each end of closed roadway segment shall control traffic at all times during closure.
4. Left turns shall be prohibited within the length of traffic control.
5. See Traffic Handling Plans.
6. Parking shall not be permitted along Route 13 in the vicinity of the construction.

**Chart No. 6  
Conventional Highway Lane Requirements**

County: Ala	Route/Direction: 13/NB/SB										PM: 10.7/11.6															
Closure Limits: From Telegraph Ave. to Domingo Ave.																										
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											C	C	C	C	C	C										
Fridays											C	C	C	C	C	C										
Saturdays											C	C	C	C	C	C										
Sundays											C	C	C	C	C	C										

Legend:

C Closure of one direction of travel allowed

No closure is allowed

REMARKS:

1. Traffic for the closed direction shall be detoured to the roadway in the opposite direction of travel with at least one 10-foot lane provided for each direction.
2. Direction of travel is defined as the parking area, shoulder and traveled way between the outside curb and center line.
3. Flaggers located at each end of closed roadway segment shall control traffic at all times during closure.
4. Left turns shall be prohibited within the length of traffic control.
5. See Traffic Handling Plans.
6. Parking shall not be permitted along Route 13 in the vicinity of the construction.

**Chart No. 7  
Conventional Highway Lane Requirements**

County: Ala	Route/Direction: 13/NB/SB										PM: 10.0/10.7														
Closure Limits: From Domingo Ave. to Hiller Drive																									
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											C	C	C	C	C	C									
Fridays											C	C	C	C	C	C									
Saturdays											C	C	C	C	C	C									
Sundays											C	C	C	C	C	C									

Legend:

C Closure of one direction of travel allowed

No closure is allowed

REMARKS:

1. Traffic for the closed direction shall be detoured to the roadway in the opposite direction of travel with at least one 10-foot lane provided for each direction.
2. Direction of travel is defined as the parking area, shoulder and traveled way between the outside curb and center line.
3. Flaggers located at each end of closed roadway segment shall control traffic at all times during closure.
4. Left turns shall be prohibited within the length of traffic control.
5. See Traffic Handling Plans.
6. Parking shall not be permitted along Route 13 in the vicinity of the construction.

## 10-1.12 PORTABLE CHANGEABLE MESSAGE SIGNS

### GENERAL

#### Summary

Work includes furnishing, placing, operating, maintaining, and removing portable changeable message signs. Comply with Section 12-3.12 "Portable Changeable Message Signs," of the Standard Specifications.

#### Definitions

**useable shoulder area:** Paved or unpaved contiguous surface adjacent to the traveled way with:

1. Sufficient weight bearing capacity to support portable changeable message sign
2. Slope not greater than 6:1 (horizontal:vertical)

#### Submittals

Upon request, submit a Certificate of Compliance for each portable changeable message sign under Section 6-1.07, "Certificates of Compliance," of the Standard Specifications.

#### Quality Control and Assurance

Comply with the manufacturer's operating instructions for portable changeable message sign.

Approaching drivers must be able to read the entire message for all phases at least twice at the posted speed limit before passing portable changeable message sign. You may use more than 1 portable changeable message sign to meet this requirement.

Only display the message shown on the plans or ordered by the Engineer or specified in these special provisions.

### MATERIALS

The text of the message displayed on portable changeable message sign must not scroll, or travel horizontally or vertically across the face of the message panel.

### CONSTRUCTION

Continuously repeat the entire message in no more than 2 phases of at least 3 seconds per phase.

If useable shoulder area is at least 15 feet wide, the displayed message on portable changeable message sign must be minimum 18-inch character height. If useable shoulder area is less than 15 feet wide, you may use a smaller message panel with minimum 12-inch character height to prevent encroachment in the traveled way.

Start displaying the message on portable changeable message sign 15 minutes before closing the lane.

Place portable changeable message sign in advance of the first warning sign for:

1. Each stationary lane closure

Place portable changeable message sign as far from the traveled way as practicable where it is legible to traffic and does not encroach on the traveled way. Place portable changeable sign before or at the crest of vertical roadway curvature where it is visible to approaching traffic. Avoid placing portable changeable message sign within or immediately after horizontal roadway curvature. Where possible, place portable changeable message sign behind guardrail or temporary railing (Type K).

Except where placed behind guardrail or temporary railing (Type K) use traffic control for shoulder closure to delineate portable changeable message sign.

Remove portable changeable message sign when not in use.

**BID ITEM LIST**  
**04-2R9904**

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	074017	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	LUMP SUM	LUMP SUM	
3	074038	TEMPORARY DRAINAGE INLET PROTECTION	EA	50		
4	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
5	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
6	022762	RESET CHANNELIZER (LANE SEPARATION SYSTEM)	EA	20		
7	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	12		
8	148005	NOISE MONITORING	LS	LUMP SUM	LUMP SUM	
9	150722	REMOVE PAVEMENT MARKER	EA	1,570		
10	152422	ADJUST MONUMENT COVER	EA	2		
11	152469	ADJUST UTILITY COVER TO GRADE	EA	33		
12	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	81,100		
13	390095	REPLACE ASPHALT CONCRETE SURFACING	CY	480		
14	390141	HOT MIX ASPHALT (BONDED WEARING COURSE-GAP GRADED)	TON	6,410		
15	390151	ASPHALTIC EMULSION MEMBRANE (BONDED WEARING COURSE)	TON	70		
16	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	39,700		
17	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	1,000		
18	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	13,600		
19	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	13,700		
20	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	1,570		