

**STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION**

**ADDENDUM NO. 1**

**FOR**

**INTERSTATE ROUTE H-1 RESURFACING,  
KAIMAKANI STREET TO SALT LAKE VIADUCT**

**PROJECT NO. H-1EF-01-06Mr**

**DISTRICT OF EWA**

**ISLAND OF OAHU**

**2009**

Amend the bid documents as follows:

**1. SPECIAL PROVISIONS**

1. In Section 416 – Paving Grid, change the sentence in line 49 from "In areas where cold-planing is performed, an 1-inch leveling course of HMA..." to "In areas where cold-planing is performed, an 3/4-inch leveling course of HMA..."
2. Add in Section 636 - Maintenance of Project Field Office.
3. Replace Pages 645-1a and 645-2a dated r12/15/08 with the attached Pages 645-1a and 645-2a dated r04/16/09.

**2. PROPOSAL SCHEDULE**

1. In the Proposal page P-1, change the Completion Time from "100 Working days..." to "200 Working days..."
2. Replace Pages P-13 through P-16 dated 10/15/05 with the attached Pages P-13 through P-16 dated r04/15/19.

**3. PLANS**

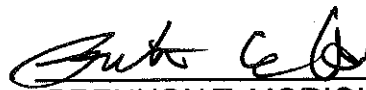
1. Delete Note 16 on Sheet 3.

2. Replace Plan Sheet Nos. 6, 7, and 17 with attached Plan Sheet Nos. ADD. 6, ADD. 7, and ADD. 17.

**4. PRE-BID MEETING MINUTES**

Pre-bid meeting minutes and attendance sheet dated April 14, 2009 are attached.

Please acknowledge receipt of this Addendum No. 1 by recording the date of its receipt in the space provided on Page P-4 of the Proposal.



BRENNON T. MORIOKA, Ph. D., P.E.  
Director of Transportation



1                   **SECTION 636 – MAINTENANCE OF PROJECT FIELD OFFICE**

2  
3   **636.01       Description.**       This work includes providing maintenance and  
4 renovation work at the existing field office.

5  
6   **636.02       Materials.**       Furnish and install new material necessary to  
7 complete this work.

8  
9   **636.03       Construction Requirements.**

10  
11       **(A)   General.**       The contractor shall maintain the project field office  
12 buildings, surrounding grounds, all furnishings, appliances and other  
13 equipments including weekly rubbish pickup service for a period not to  
14 exceed 180 calendar days beyond the date of final inspection of the  
15 completed project by the State.

16  
17       **(B)   Renovation Work.** The renovation work when ordered by the  
18 Engineer shall include, but not limited to, the following:

19  
20               (1)   Replace water and termite damaged wall panels and floors,  
21 including warped and heavily worn vinyl tiles.

22  
23               (2)   Repair or replace damaged barbed wire along field office  
24 perimeter fence line.

25  
26               (3)   Repair or replace worn plumbing and electrical fixtures as  
27 directed by the engineer.

28  
29   **636.04       Method of Measurement.**       Maintenance and renovation of  
30 the existing field office shall be performed only when ordered by the Engineer.  
31 This work shall be performed on a force account basis in accordance with the  
32 provisions of Subsection 109.04 – Extra and Force Account Work.

33  
34   **636.05       Basis of Payment.**       The Engineer will pay for the ordered  
35 field office maintenance and renovation work under force account.

36  
37       The Engineer will make payment under:

38  
39       

<b>Pay Item</b>	<b>Pay Unit</b>
Maintenance of Project Field Office	Force Account

40  
41  
42  
43  
44  
45                   **END OF SECTION 636**

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r04/16/09

[illegible]

(I) Amend **Subsection 645.03 – Construction** by deleting this sentence on lines 65 and 66:

(II) Amend **Subsection 645.03(F) - Lane Closures** by revising from lines 248 to 251 to read:

### One-Lane Closure: H-1 Eastbound and H-1 Westbound

Monday through Thursday  
Midnight to 4:30 A.M.  
7:00 P.M. to Midnight

### Two-Lane Closure: H-1 Eastbound

Monday through Thursday  
Midnight to 4:00 A.M.  
7:00 P.M. to Midnight

Two-Lane Closure: H-1 Westbound (Zipper Lane barrier not deployed)

Monday through Thursday  
Midnight to 3:00 A.M.  
9:00 P.M. to Midnight

### Three-Lane Closure: H-1 Eastbound

47	Sunday	8:30 P.M. to Midnight
48		
49	Monday through Thursday	Midnight to 4:00 A.M.
50		10:00 P.M. to Midnight
51		
52	Friday	Midnight to 4:00 A.M.
53		
54	<u>Three-Lane Closure:</u> H-1 Westbound (Zipper Lane barrier not deployed)	

55		
56	Sunday	8:30 P.M. to Midnight
57		
58	Monday through Thursday	Midnight to 3:00 A.M.
59		11:00 P.M. to Midnight
60		
61	Friday	Midnight to 3:00 A.M.
62		

63 Full-Freeway Closure: H-1 Eastbound and H-1 Westbound (Maximum two  
64 nights per each direction) for installation of Loop Detectors only.

65		
66	Sunday	10:00 P.M. to Midnight
67		
68	Monday	Midnight to 4:00 A.M.
69		
70	<u>ZLDA</u> (Maximum six weekends with Zipper Lane barrier deployed)	
71		
72	Sunday	7:00 P.M. to Midnight
73		
74	Monday	Midnight to 4:30 A.M.
75		

76 There shall be no exceptions or extensions for any hours of work  
77 within the ZLDA.

78

79 The Contractor shall coordinate with the Tunnel Manager of Oahu  
80 District's Tunnel Operations Section at 485-6208 five (5) working days prior  
81 to any work affecting the ZLDA and its operations. The ZLDA shall be free  
82 of debris during the project duration.

83

84 The cost for the Zipper Lane barrier deployment shall be considered  
85 incidental to Contract Item 645.1000 - Traffic Control.

86

87 Exceptions to lane closure hours specified require written acceptance  
88 by the Engineer. No increase in contract price or contract time will be given  
89 for lane closure restrictions specified.

90

91 **END OF SECTION 645**

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**645-2a**

**Addendum No. 1**

**r04/16/09**

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
209.0100	Installation, Maintenance, Monitoring, & Removal of BMP	L.S.	L.S.	L.S.	\$ _____
209.0200	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	\$ <u>70,000.00</u>
312.0200	Hot Mix Glassphalt Base Course	2,251	Tons	\$ _____	\$ _____
401.0400	HMA Pavement Mix No. IV	12,552	Tons	\$ _____	\$ _____
414.0500	Excavation for Reconstruction of Weakened Pavement Areas	1,471	C.Y.	\$ _____	\$ _____
415.1000	Cold Planing	L.S.	L.S.	L.S.	\$ _____
416.1000	Paving Grid	F.A.	F.A.	F.A.	\$ <u>205,000.00</u>
507.6000	Concrete Railing and End Post Upgrade	L.S.	L.S.	L.S.	\$ _____
603.1000	Clean Existing Culverts	F.A.	F.A.	F.A.	\$ <u>30,000.00</u>
606.7000	Terminal Section, ET-2000	L.S.	L.S.	L.S.	\$ _____
623.7051	Loop Detector Sensing Unit (6x6) One Loops	L.S.	L.S.	L.S.	\$ _____
629.1010	Double 4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1011	1-Inch White Guide Stripe (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____

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Addendum No. 1

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1012	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1013	4-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1014	4-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1015	8-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1016	8-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1017	12-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1030	Pavement Arrows (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1050	Pavement Symbol (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1061	Milepost Pavement Marking (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.2010	Type "A" Pavement Markers	L.S.	L.S.	L.S.	\$ _____
629.2020	Type "C" Pavement Markers	L.S.	L.S.	L.S.	\$ _____
629.2070	Type "H" Pavement Markers	L.S.	L.S.	L.S.	\$ _____
631.5201	Warning Sign (Greater than 10 Square Feet)	L.S.	L.S.	L.S.	\$ _____

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Addendum No. 1

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
631.5202	"Hospital" Symbol Sign (D9-2) with Post	L.S.	L.S.	L.S.	\$ _____
631.5203	"Hospital" Word Sign (D9-13a)	L.S.	L.S.	L.S.	\$ _____
631.5204	"Right Diagonal Arrow" Symbol Sign (IM6-2R)	L.S.	L.S.	L.S.	\$ _____
632.4000	Reflector Marker (RM-2) with Flexible Delineator Posts	L.S.	L.S.	L.S.	\$ _____
632.4100	Reflector Marker (RM-3)	L.S.	L.S.	L.S.	\$ _____
632.4200	Reflector Marker (RM-5) mounted on existing guardrail	L.S.	L.S.	L.S.	\$ _____
632.7600	Mile Post Marker with Post	L.S.	L.S.	L.S.	\$ _____
636.2000	Maintenance of Project Field Office	F.A.	F.A.	F.A.	\$ <u>50,000.00</u>
643.0100	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	\$ <u>15,000.00</u>
645.1000	Traffic Control	L.S.	L.S.	L.S.	\$ _____
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	F.A.	F.A.	F.A.	\$ <u>75,000.00</u>
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	\$ _____
693.1010	Terminal Impact Attenuator, 69" wide	L.S.	L.S.	L.S.	\$ _____
693.1020	Terminal Impact Attenuator, 90" wide	L.S.	L.S.	L.S.	\$ _____

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Addendum No. 1



PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
699.1000	Mobilization (Not to Exceed 10% of the Sum of All Items Excluding the Bid Price of this Item, Field Office, and Force Account Items)	L.S.	L.S.	L.S.	\$ _____
<p>Sum of All Items ..... \$ _____</p> <p>NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.</p>					

**PRE-BID MEETING MINUTES  
FOR  
INTERSTATE ROUTE H-1 RESURFACING,  
KAIMAKANI STREET TO SALT LAKE VIADUCT  
PROJECT NO. H-1EF-01-06Mr**

**April 14, 2009**

**Location:**

Kakuhihewa Building, Rm. 609 Conference Room

**Attendees:**

Derrick Tanabe – Grace Pacific Corp.

Jason Ames – Grace Pacific Corp.

Keola Goo – Jas. W. Glover, Ltd.

Brandon Kim – HDOT, HWY-DD

(Responses to questions are in bold lettering.)

1. For safety concerns, we need a min. 3-lane closure.  
**Added 3-lane closure hours to revised Section 645**
2. What are the exact limits of the zipper lane deployment area?  
**Zipper lane deployment usually would require closure of two travel lanes next to the median. There will not be a change in barrier deployment limits for this project.**
3. Westbound work windows are unrealistic. (Sec. 645.03(F) - H-1 Westbound-zipper lane not deployed: Sun 10pm to 12am, Mon. thru Tues. 12am to 3am.) 5 hours?  
**See revised lane closure hours in revised Section 645**
4. What is the Zipper deployment time? (Sun 9pm to 12am, Mon 12am to 4am)  
**For the ZLDA (six weekends), the revised hours are from 7:00pm Sunday night to 4:30am Monday morning. Given that the Zipper Lane would occupy two lanes of roadway space, this would be similar to a regular two-lane closure on H-1 westbound. In this case, the Zipper barrier would be deployed starting 7:00pm (e.g., two-lane closure) Sunday. Since the Zipper Lane would be open to eastbound traffic by 5:30am.**
5. When does private contract for zipper lane deployment expire?  
**Contact H-3 Tunnel at (808) 485-6233 regarding Zipper Lane contract.**

6. Are there loop detectors in the ZLDA?  
**There are no loop detectors in the ZLDA.**
7. Will ramp closures be available- nothing in specs?  
**No ramp closures are specified at this time. Contractor is expected to work under traffic.**
8. 416-1A states 1-inch leveling, plan shows  $\frac{3}{4}$ -inch. Which is right?  
**Edited Section 416 – Paving Grid to say “ $\frac{3}{4}$ -inch”**
9. How is the contractor to determine production for reconstruction without knowing the limits of paving grid? In addition, because this is a Force Account item, at what point does “furnish and install” begin and end? Paving grid is a long-lead item. How should contractor determine how much to have on hand? How will waste be calculated for this item? What happens to balance of material upon completion? Who stores the material and where?  
**Edited Typical Roadway Section Sta. 220+50 to Sta. 226+00**
10. Need to clarify limits at gore areas.  
**Resurface gore areas on Ramp WE at Sta. 203+00 and on Ramp A at Sta. 12+00 on Sheet 7**
11. Note 16 – “Earth swale...”, where is this located?  
**Deleted Note 16 on Sheet 3**
12. 100 workings days? Can the construction duration be extended to 200 working days?  
**Extended working days to 200**

Derrick Tanaka

Grace Pacific Corp

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