

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

ADDENDUM NO. 1

FOR

KUHIO HIGHWAY SAFETY IMPROVEMENTS

MILE POST 2.98 TO MILE POST 5.07

FEDERAL AID PROJECT NO. HSIP-056-1(53)

DISTRICT OF LIHUE

ISLAND OF KAUAI

2010

Amend the Bid Documents as follows:

A. SPECIAL PROVISIONS

- a. Replace Section 107 – Legal Relations and Responsibility to Public dated 2/18/10 with the attached Section 107 - Legal Relations and Responsibility to Public dated r9/13/10.
- b. Replace Section 615 – Milled Rumble Strip dated 3/30/10 with the attached Section 615 - Milled Rumble Strip dated r9/13/10.
- c. Replace Section 645 – Work Zone Traffic Control dated 3/29/10 with the attached Section 645 - Work Zone Traffic Control dated r9/13/10.

B. PROPOSAL SCHEDULE

- a. Replace the Proposal Schedule pages P-8 and P-9 dated 3/18/10 with the attached revised Proposal Schedule pages P-8 and P-9 dated r9/14/10.

C. PLANS


- a. Replace Plan Sheet No. 3 with attached Plan Sheet No. ADD.3.
- b. Replace Plan Sheet No. 8 with attached Plan Sheet No. ADD.8.

- c. Replace Plan Sheet No. 9 with attached Plan Sheet No. ADD.9
- d. Replace Plan Sheet No. 15 with attached Plan Sheet No. ADD.15

D. PRE-BID MEETING

Attached are the "Minutes of the Pre-Bid Meeting" and Pre-Bid Meeting Attendance Sheet for your information.

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.


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

1 **SECTION 107 - LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC**

2
3 Make the following amendment to said Section:

4
5 **(I) Amend 107.03 Working Hours; Night Work**, from line 140 to line 142 to
6 read as follows:

7
8 **"107.03 Working Hours; Night Work.** All milling operations shall be done at
9 night.

10
11 Perform night work only as follows:

12 Sunday	10:00 P.M. – Midnight
13 Monday thru Thursday	Midnight – 6:00 A.M.
14 Friday	10:00 P.M. – Midnight
15 Saturday	Midnight – 6:00 A.M.

16
17
18 Night time work shall not be allowed between the months of September to
19 December.

20
21 Do not work on Friday nights and Saturdays or as specified by the
22 Engineer. Sunday's work will be part of Monday's working day.

23
24 The Engineer will permit the Contractor to close one lane of traffic during
25 night time working hours.

26
27 Pavement marking, traffic signing and dressing of shoulder may be done
28 during daytime working hours.

29
30 The Engineer will permit the Contractor to close one lane of traffic during
31 daytime working hours.

32
33 Daytime work shall be conducted between the hours of 9:00 A.M. and
34 2:00 P.M."

35
36
37
38
39 **END OF SECTION 107**

1 Make the following Section a part of the Standard Specifications:

2
3
4 **"SECTION 615 – MILLED RUMBLE STRIP**

5
6 **615.01 Description.** This section describes constructing Centerline,
7 Shoulder, and Edgeline Milled Rumble Strips (MRS) in HMA pavement.

8
9 **615.02 Materials.** None.

10
11 **615.03 Construction.**

12
13 **(A) Submittal.** Method of constructing the milled rumble strip shall
14 be submitted to the Engineer for acceptance. Meeting shall be
15 scheduled 14 days before start of construction work. Discuss sequence
16 of work plans, and proposal for dust control.

17
18 **(B) Equipment.** Milling equipment shall be equipped with a rotary-
19 type cutting head with cutting tips arranged in a pattern as to provide a
20 relatively smooth cut, approximately 1/16 inches between peaks and
21 valleys.

22
23 The cutting head(s) shall be on a suspension independent from the
24 power unit to allow the head(s) to self-align with surface slopes and
25 irregularities.

26
27 The machine shall have a guidance system that provides
28 consistent alignment of each cut in relation to the roadway and provide
29 uniformity and consistency throughout the project.

30
31 **(C) Longitudinal Spacing.** The Milled Rumble Strips (MRS) shall be
32 placed perpendicular to the roadway with longitudinal spacing as follow:

33
34 Centerline MRS: 20 inch on-center

35
36 The 20 inch on-center longitudinal spacing for Centerline MRS is
37 designed to accommodate various centerline pavement striping and
38 raised pavement marker configurations. It will allow placement of raised
39 pavement markers between the concave depressions.

40
41 **(D) Milling Operations.** Clean pavement surface before constructing
42 the rumble strips. Mill the concave depressions to the dimensions shown
43 in the plans.

44
45 Align the concave depressions as shown in the plans. Alignment
46 of milled rumble strips shall not deviate from the plans more than ± 2
47 inches.

SECTION 645 – WORK ZONE TRAFFIC CONTROL

Make the following amendments to said Section:

(I) Amend **Subsection 645.03 Construction** by adding the following paragraphs after line 170 to read as follows:

"(1) Covers. Use sign covers when existing signs confuse the public or are in conflict with TCP signs installed. Sign covers shall be commercially manufactured and accepted by the Engineer before use. Sign covers shall at all times and under all conditions not allow any portion of the sign being covered to be visible. If more than one side of the sign has words or symbols cover all sides of the signs until needed. "Homemade" or "field made" covers shall not be used. Cover both sides of the sign if both sides have symbols or words. Covering of sign identification markings are not required if that is the only markings on that side of the sign. Sign covers shall be maintained.

Removal of the existing sign in lieu of the use of sign covers may be acceptable to the Engineer provided the previously removed existing sign is immediately reinstalled when directed. Removal of existing post(s) and mounting hardware is required if not used by the new TCP sign. New mounting hardware shall be used to mount the TCP signs if the existing hardware is in an unacceptable condition in the opinion of the Engineer. In addition, should the sign or post during storage, in the opinion of the Engineer, become unacceptable or lost or stolen the Contractor shall replace the sign or post with a new sign or post. Use new hardware to reinstall the sign regardless whether it is an existing sign or new."

(II) Amend **Subsection 645.03(F) Lane Closures** by revising the first sentence from lines 248 to 249 to read as follows:

"Lane closures will be allowed only from 9:00 A.M to 2:00 P.M. and 7:00 P.M.to 5:00 A.M., Monday to Sunday. All night work including lane closures shall cease during the peak Newell's shearwater fallout period between the months of September to December "

(III) Amend **Subsection 645.03(F) Lane Closures** by revising the last sentence from lines 285 to 287 to read as follows:

"Morning and afternoon peak hours shall be from 6:00 A.M. to 9:00 A.M. and 2:00 P.M. to to 6:00 P.M."

(IV) Amend **Subsection 645.03(H) Advertisement** from lines 391 to 392 to read as follows:

47 "Place advertisement for three consecutive days and within one week
48 before traffic pattern changes, in publication as ordered by the Engineer. In
49 lieu of the advertisement(s), the Engineer may substitute the use of two
50 portable changeable message boards and accessories at no additional cost
51 for three days for each required advertisement."
52

53 (V) Amend **Subsection 645.04 Measurment** from lines 394 to 403 to read as
54 follows:
55

56 **"645.04 Measurement.**

57
58 (A) Traffic control as specified in Subsection 645.03 - Construction
59 including sign covers and the initial advertisement(s) will be measured on a
60 contract lump sum basis. Measurement for payment will not apply.
61

62 (B) The Engineer will measure additional police officers, additional traffic
63 control devices, and additional advertisements, if ordered by the Engineer,
64 on a force account basis, in accordance with Subsection 109.06 - Force
65 Account Provisions and Compensation."

66
67 (VI) Amend **Subsection 645.05 Payment** from lines 405 to 428 to read as
68 follows:
69

70 **"645.05 Payment.** The Engineer will pay for the accepted traffic control,
71 additional police officers, additional traffic control devices, and additional
72 advertisements at the contract price per pay unit, as shown in the proposal
73 schedule. Payment will be full compensation for the work prescribed in this section
74 and the contract documents.
75

76 The Engineer will pay for the following pay items when included in the
77 proposal schedule:
78

79 Pay Item	Pay Unit
80	
81 Traffic Control	Lump Sum
82	
83 Additional Police Officers, Additional Traffic Control Devices,	
84 and Additional Advertisements	Force Account
85	

86 An estimated amount for the force account may be allocated in the proposal
87 schedule under "Additional Police Officers, Additional Traffic Control Devices, and
88 Additional Advertisements", but the actual amount to be paid will be the sum shown
89 on the accepted force account records, whether this sum be more or less than the
90 estimated amount allocated in the proposal schedule.
91

92 The Engineer will not pay for request submittals. The Engineer will not
93 consider claims for additional compensation of late submittals or requests by
94 Contractor.”
95
96
97
98

END OF SECTION 645

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
209.0100	Installation, Maintenance, Monitoring, and 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>10,000.00</u>
615.0100	16-Inch Milled Rumble Strips, Centerline	L.S.	L.S.	L.S.	\$ _____
629.1010	4-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1011	Double 4-Inch Pavement Striping (Tape, Type I or Thermoplastic Hot Spray)	L.S.	L.S.	L.S.	\$ _____
629.2030	Type C Pavement Marker	L.S.	L.S.	L.S.	\$ _____
629.2040	Type D Pavement Marker	L.S.	L.S.	L.S.	\$ _____
631.0210	Warning Sign (10 Sq. Ft. or Less) with Post	L.S.	L.S.	L.S.	\$ _____
632.0130	Milepost Marker with Post (Bi-Directional)	L.S.	L.S.	L.S.	\$ _____
641.0100	Hydro-Mulch Seeding	L.S.	L.S.	L.S.	\$ _____
643.0110	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	\$ <u>5,000.00</u>
645.0100	Traffic Control	L.S.	L.S.	L.S.	\$ _____
645.0200	Additional Police Officers, Additional Traffic Control Devices, and Additional Advertisements	F.A.	F.A.	F.A.	\$ <u>50,000.00</u>

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
645.0300	Speed Monitoring Device	L.S.	L.S.	L.S.	\$ _____
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	\$ _____
699.1000	Mobilization (Not to Exceed 10 Percent of the Sum of All Items Excluding the Bid Price of this Item and Force Account Items)	L.S.	L.S.	L.S.	\$ _____
<p>a. Sum of All Items \$ _____</p> <p>b. Either Furnish Foreign Steel Not to Exceed Minimal Amount (Fill in '0') or Furnish Foreign Steel in Excess of Minimal Amount (Fill in 25% x a) \$ _____</p> <p>c. Amount for Comparison of Bids (a + b) \$ _____</p> <p>All bidders must fill in b and complete c</p>					
<p>NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.</p>					

MINUTES OF THE PRE-BID MEETING

PROJECT: Kuhio Highway Safety Improvements
Mile Post 2.98 to Mile Post 5.07
District of Lihue, Kauai

PROJECT NO. HSIP-056-1(53)

LOCATION: 1720 Haleukana Street
Lihue, Kauai, Hawaii

DATE & TIME: September 13, 2010 at 9:00 A.M.

IN ATTENDANCE: Stanford Iwamoto	HDOT – HWY-K
Vicente Vargas	HDOT – HWY-K
Fred Reyes	HDOT – HWY-K
David Takiguchi	Grace Pacific
Cole Millare	Grace Pacific

The meeting started at 9:00 A.M. Project Manager Stanford Iwamoto began the meeting with introducing the participants from HDOT and a brief overview of the background and scope of work.

The following questions were raised at the meeting:

Question # 1: Can you confirm that the daytime lane closures hours are from 8:30 AM to 1:30 PM?

Response: HWY-K will amend General Note No. 6 of Plan Sheet No. 3 and Section 107 and Section 645 of the Special Provisions to address lane closure hours.

Question # 2: Note No. 10 of Plan Sheet No. 8 states that sign posts are to be painted. Is that what HDOT - HWY-K wants?

Response: RM-3 reflector markers are to be used as specified on Plan Sheet Nos. 10 and 17. HWY- K will amend the Sign Notes on Plan Sheet No. 8 accordingly.

Question # 3: Note No. 9 on Plan Sheet No. 9 states that milled rumble strips are to be sealed. What type of sealant is to be used and how and when is it to be applied?

Response: Milled rumble strips that have striping over their surfaces shall not be sealed.. HWY-K will amend Plan Sheet No. 9 and Section 615 of the Special Provisions accordingly.

Question # 4: Does the milled pavement material created as a by product of the rumble strip process become the property of the State or the Contractor?

Response: Contractor shall dispose the waste materials created by milling the pavement . Refer to Section 615 – Milled Rumble Strip of the Special Provisions.

Question #5: What section of pavement markers and striping are to be removed and replaced?

Response: Remove and install new pavement markings and striping at the edge of pavement (*ep*) from Sta. 250+00 to Sta. 358+90.58 only. Remove and install new pavement markings and striping at centerline of pavement where milled rumble strips occur only. All other pavement markings and striping are to remain.

Question #6: The Details on Plan Sheet No. 6 shows that shoulder from Sta 275+00 to Sta 298+00 need to be dressed and hydro-mulch. Are the limit for these works between the edge of shoulder and State right of way? How long do we need to maintain the hydro-mulch areas?

Response: Hydro-mulch only areas that will be disturbed from Sta. 275+00 to Sta. 289+00. These includes cut and fill areas specified on Plan Sheet No. 6. Refer to Section 641 – Hydro-Mulch Seeding of the Hawaii Standard Specifications for Road and Bridge Construction, 2005 for maintenance and establishment period.

With no further questions or comments, the pre-bid meeting was adjourned at 9:45 A.M. The minutes of the meeting will be distributed in Addendum No. 1 to the Contract Plans. Contractors will be notified when addendum will be available for pick up.

PRE-BID CONFERENCE ATTENDANCE LIST

PROJECT NO.: HSP-058-1(53) KUHIO HIGHWAY SAFETY IMPROVEMENTS PROJECT

DATE: SEPT. 13, 2010 TIME: 9:00 AM LOCATION: 1720 HALEUKANA STREET, LIHUE, KAUAI, HAWAII 96766

CALLED BY: STANFORD IWAMOTO

PLEASE PRINT

PARTICIPANT	COMPANY / ORGANIZATION	ADDRESS (Including City and Zip Code)	EMAIL (Print legibly)	PHONE/FAX NUMBERS
1 VICENTE VARGAS	HWY-K	1720 HALEUKANA ST LIHUE	VICENTE.P.VARGAS@HAWAII.GOV	241-3018
2 DAVID TAGUCHI	GPRES	660 MAHUNA DR ^{HAWAII} 96819	dtatiguchi@gprroadwaysolutions.co	479-5289 833-5255
3 Cole Millare	GPRES	"	cmillare@gracepartners.com	216-2456
4 Fred Reyes	HWY-K	1720 Haleukana St. Lihue	fred.reyes@hawaii.gov	241-3017
5 Stanford Iwamoto	HWY-K	1720 Haleukana St. Lihue	stanford.m.iwamoto@hawaii.gov	241-3015
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