

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

**ADDENDUM NO. 1
for
HAWAII BELT ROAD, GUARDRAIL AND SHOULDER IMPROVEMENT
PAAUHAU ROAD TO PAKALANA STREET
FEDERAL AID PROJECT NO. NH-019-1(36)
DISTRICT OF HAMAKUA
ISLAND OF HAWAII**

The following amendments shall be made to the Bid Documents:

1. SPECIAL PROVISIONS

- a. Replace Pages 1 through 3 of the Table of Contents dated 1/02/08 with the attached Paged 1 through 3 dated 6/15/09.
- b. Add Specification Section 401 – Hot Mix Asphalt (HMA) Pavement pages 401-1a through 401-4a.

2. PROPOSAL SCHEDULE

Replace Pages P-8 through P-10 dated 1/6/08 with the attached Pages P-8 through P-10 dated 6/15/09.

3. PLANS

Replace Plan Sheets Nos. 3, 14, 16, 17 and 18 with the attached Plan Sheet Nos. ADD. 3, ADD. 14, ADD.16, ADD. 17and ADD. 18.

4. PRE-BID MEETING MINUTES

- a. Meeting minutes and list of attendees.

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
Director of Transportation

Addendum No. 1
r06/15/09

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Special Provisions:

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415	Cold Planing of Existing Pavement	415-1a

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Labor and Material Payment Bond

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Certification of Compliance for Final Payment

END OF TABLE OF CONTENTS

1 **SECTION 401 – HOT MIX ASPHALT (HMA) PAVEMENT**

2
3 Make the following amendments to said Sections:

4
5 **(I) Amend Section 401.03(B)(3) Asphalt Pavers**, from line 200 to include
6 the following:

7
8 **“(h) Equipped with a mean of preventing the segregation**
9 **of the coarse aggregate particles from the remainder of the**
10 **bituminous plant mix when that mix is carried from the paver**
11 **hopper back to the paver augers. The means and methods**
12 **used shall be approved by the paver manufacturer and may**
13 **consist of chain curtains, deflector plates, or other such**
14 **devices and any combination of these.**

15
16 The following specific requirements shall apply to the
17 identified bituminous pavers:

- 18
19 (1) Blaw-Knox bituminous pavers shall be
20 equipped with the Blaw-Knox Materials
21 Management Kit (MMK).
22
23 (2) Cedarapids bituminous pavers shall be those
24 that were manufactured in 1989 or later.
25
26 (3) Barber-Green/Caterpillar bituminous pavers
27 shall be equipped with deflector plates as
28 identified in the December 2000 Service
29 Magazine entitled “New Asphalt Deflector Kit
30 {6630, 6631, 6640}”.

31
32 Prior to the start of using the paver for placing plant
33 mix, the Contractor shall submit for approval a full
34 description in writing of the means and methodologies that
35 will be used to prevent bituminous paver segregation. Use of
36 the paver shall not commence prior to receiving approval
37 from the Engineer.

38
39 The Contractor shall supply a Certificate of
40 Compliance that verifies that the approved means and
41 methods used to prevent bituminous paver segregation have
42 been implemented on all pavers used on the project and is
43 working in accordance with the manufacturer’s
44 requirements.”
45

46 **(II) Amend Section 401.03(F)(1) HMA Pavement Courses One and a**
47 **Half Inches Thick Or Greater**, from line 499 to 505 to read as follows:

48
49 **"(1) HMA Pavement Courses One and a Half Inches Thick Or**
50 **Greater.** Where HMA pavement compacted thickness indicated
51 in the contract documents is 1-1/2 inches or greater, compact to not
52 less than 92.0 percent nor greater than 97.0 percent of the
53 maximum specific gravity determined in accordance with AASHTO
54 T 209, modified by deletion of Supplemental Procedure for Mixtures
55 Containing Porous Aggregate."

56
57
58 **(III) Amend Section 401.03(F)(3) HMA Pavement Courses One and a**
59 **Half Inches Thick or Greater In Special Areas Not Designated For Vehicular**
60 **Traffic**, from line 530 to 538 to read as follows:

61
62 **"(3) HMA Pavement Courses One and a Half Inches Thick or**
63 **Greater In Special Areas Not Designated For Vehicular Traffic.**
64 For areas such as bikeways that are not part of roadway and other
65 areas not subjected to vehicular traffic, compact to not less than
66 90.0 percent of maximum specific gravity determined in accordance
67 with AASHTO T 209, modified by deletion of Supplemental
68 Procedure for Mixtures Containing Porous Aggregate. Increase
69 asphalt content by at least 0.5 percent above that used for HMA
70 pavements designed for vehicular traffic."

71
72
73 **(IV) Amend Section 401.04 Measurement**, from line 597 to 603 to read as
74 follows:

75
76 **"401.04 Measurement.**

77
78 **(A)** Asphalt concrete pavement will be paid on a lump sum basis.
79 Measurement for payment will not apply.

80
81 **(B)** The Engineer will measure asphalt concrete pavement per ton in
82 accordance with the contract documents.

83
84 **(C)** The Engineer will measure leveling course per ton in accordance
85 with the contract documents."

86
87
88
89 **(V) Amend Section 401.05 Payment**, from line 605 to 635, to read as
90 follows:

92 **"401.05 Payment.** The Engineer will pay for the accepted pay items
93 listed below at the contract price per pay unit, as shown in the proposal schedule.
94 Payment will be full compensation for the work prescribed in this section and the
95 contract documents.

96
97 The Engineer will pay for the following pay items when included in the
98 proposal schedule:
99

100	Pay Item	Pay Unit
-----	----------	----------

101		
102	(A) HMA Pavement, Mix No. _____	Lump Sum

103		
104	(B) HMA Pavement, Mix No. _____	Ton

105		
106	(1) 80% of the contract unit price upon completion of submitting	
107	a job-mix formula acceptable to the Engineer; preparing the	
108	surface, spreading, and finishing the mixture; and compacting the	
109	mixture;	

110		
111	(2) 20% of the contract unit price upon completion of cutting	
112	samples from the compacted pavement for testing; placing and	
113	compacting the sampled area with new material conforming to the	
114	surrounding area; protecting the pavement; and final analysis.	

115		
116	(C) Leveling Course	Ton

117		
118	(1) 80% of the contract unit price upon completion of submitting	
119	a job-mix formula acceptable to the Engineer; preparing the	
120	surface, spreading, and finishing the mixture; and compacting the	
121	mixture;	

122		
123	(2) 20% of the contract unit price upon completion of cutting	
124	samples from the compacted pavement for testing; placing and	
125	compacting the sampled area with new material conforming to the	
126	surrounding area; protecting the pavement; and final analysis.	

127
128 The Engineer will pay for cold planing in accordance with and under
129 Section 415 – Cold Planing of Existing Pavement.
130

131 The Engineer will pay for adjusting existing frames and covers and valve
132 boxes in accordance with and under Section 604 – Manholes, Inlets and Catch
133 Basins and Section 626 – Manholes and Valve Boxes for Water and Sewer
134 Systems."
135
136
137

138
139
140

END OF SECTION 401

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>30,000.00</u>
401.0100	HMA Pavement, Mix No. IV	2,080	TON	\$ _____	\$ _____
401.0200	HMA Pavement Under Guardrail, Mix No. IV	L.S.	L.S.	L.S.	\$ _____
415.0100	Cold Planing	L.S.	L.S.	L.S.	\$ _____
606.0100	Guardrail Type 3, Strong Post with W-Beam	L.S.	L.S.	L.S.	\$ _____
606.7010	Terminal Section, Modified Type 'G' with Rounded End	L.S.	L.S.	L.S.	\$ _____
606.7020	Terminal Section, Type Fleet-350	L.S.	L.S.	L.S.	\$ _____
606.7040	Terminal Section, Type A Flare	L.S.	L.S.	L.S.	\$ _____
615.0100	Milled Rumble Strip	L.S.	L.S.	L.S.	\$ _____
628.0100	Shotcrete	L.S.	L.S.	L.S.	\$ _____
629.1010	4-Inch Pavement Striping – Tape, Type II	L.S.	L.S.	L.S.	\$ _____
629.1020	4-Inch Pavement Striping – Tape, Type I	L.S.	L.S.	L.S.	\$ _____
629.2050	Type D Pavement Markers	L.S.	L.S.	L.S.	\$ _____

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PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.2060	Type H Pavement Markers	L.S.	L.S.	L.S.	\$ _____
629.2070	Type J Pavement Markers	L.S.	L.S.	L.S.	\$ _____
631.5210	Warning Sign (10 Sq. Ft. or Less)	L.S.	L.S.	L.S.	\$ _____
632.0100	Reflector Marker	L.S.	L.S.	L.S.	\$ _____
643.0100	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	\$ <u>10,000.00</u>
645.0100	Traffic Control	L.S.	L.S.	L.S.	\$ _____
645.0200	Additional Police Officers and/or Additional Traffic Control Devices	F.A.	F.A.	F.A.	\$ <u>30,000.00</u>
648.0100	Field Posted Drawings	L.S.	L.S.	L.S.	\$ _____
699.1000	Mobilization (Not to exceed 10% of the sum of all items less excluding the bid price of this item, and force account items)	L.S.	L.S.	L.S.	\$ _____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
	a. Sum of All Items				\$
	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)				\$
	c. Amount for Comparison of Bids (a + b)				\$
	All bidders must fill in b and complete c				
	NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.				

Hawaii Belt Road, Guardrail and Shoulder Improvements,
Paauhau Road to Pakalana Street
Federal Aid Project No. NH-019-1(36)
Pre-Bid Meeting Questions
June 15, 2009
9:00 AM

1. Plan Sheets 16 note "Sta. 59.45 to 60+45 Lt. Cold Plane Transition 1.5 inches to 0 inch. See Details, Sht.14." does not match the stations designated on the drawings.

The correction should be "Sta. 60.55 to 61+55 Lt. Cold Plane Transition 1.5 inches to 0 inch. See Details, Sht.14."

2. Plan Sheets 18 note "Sta. 39.00 to 40+00 Lt. Cold Plane Transition 1.5 inches to 0 inch. See Details, Sht.14." does not match the stations designated on the drawings.

The correction should be "Sta. 40.00 to 41+00 Lt. Cold Plane Transition 1.5 inches to 0 inch. See Details, Sht.14."

HAWAII BELT ROAD GUARDRAIL AND SHOULDER IMPROVEMENT,
PAAUHAU ROAD TO PAKALANA STREET
PROJECT NO. NH-019-1(36)
PRE-BID MEETING
JUNE 15, 2009
9:00AM

NO.	NAME	COMPANY	PHONE NO.	EMAIL
1	Pandy Matsumoto	Grace Pacific Corp	842-3227	rmatsumoto@gracepacificcorp.com
2	Derrick Tanaka	Grace Pacific Corp	848-3991	dtanaka@gracepacificcorp.com
3	Tom Heinrich	Global Specialty	843 8881	globeplx@aol.com
4	NEAL HAHN	GP Roadway Solutions	833-2502	nhahn@proadwaysolutions.com
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