

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 1

FOR

HONOAPIILANI HIGHWAY RESURFACING
VICINITY OF HOOHUI ROAD TO
PLANTATION ESTATES GOLF COURSE

PROJECT NO. 30A-01-10M

The following amendments shall be made to the bid documents:

A. SPECIAL PROVISIONS

1. Replace pages 401-1a and 401-2a dated 07/01/08 with the attached pages 401-1a thru 401-3a dated r12/09/10.
2. Replace page 661-18a dated 10/28/10 with the attached page 661-18a dated r12/13/10.

B. PROPOSAL SCHEDULE

1. Replace pages P-10 thru P-13 dated 11/29/10 with the attached pages P-10 thru P-13 dated r12/15/10.

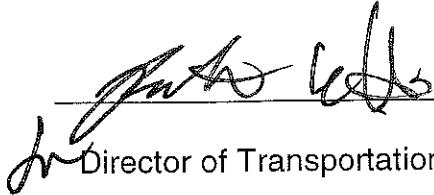
C. PLANS

1. Place a dot "•" on Standard Plan No. D-03 on Plan Sheet No. 2.
2. Replace the Construction Note limits, Baseline Station 146+10± - Baseline Station 146+40± on Plan Sheet No. 14 to read "Baseline Station 147+10± - Baseline Station 147+40±".
3. Replace Plan Sheet Nos. 15, 17, 19 and 21 with the attached Plan Sheet Nos. ADD.15, ADD.17, ADD.19 and ADD.21.
4. The attached Plan Sheet Nos. ADD.28S-1 and ADD.28S-2 shall be incorporated and made part of the Plans.

C. PRE-BID MEETING

- a. Pre-bid Meeting Minutes and attendance sheet 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.



Director of Transportation

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 Management
21 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 identified in
28 the December 2000 Service Magazine entitled “New
29 Asphalt Deflector Kit {6630, 6631, 6640}”.

30
31 Prior to the start of using the paver for placing plant
32 mix, the Contractor shall submit for approval a full
33 description in writing of the means and methodologies that
34 will be used to prevent bituminous paver segregation. Use of
35 the paver shall not commence prior to receiving approval
36 from the Engineer.

37
38 The Contractor shall supply a Certificate of
39 Compliance that verifies that the approved means and
40 methods used to prevent bituminous paver segregation have
41 been implemented on all pavers used on the project and is
42 working in accordance with the manufacturer’s
43 requirements.”

44
45 **(II) Amend Section 401.03(F)(1) HMA Pavement Courses One and a**
46 **Half Inches Thick Or Greater**, from line 499 to 505 to read as follows:

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

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

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

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

73 **"401.04 Measurement.**
74

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

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

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

84 **(V) Amend Section 401.05 Payment, from line 605 to 635, to read as**
85 **follows:**
86

87 **"401.05 Payment.** The Engineer will pay for the accepted pay items
88 listed below at the contract price per pay unit, as shown in the proposal schedule.
89 Payment will be full compensation for the work prescribed in this section and the
90 contract documents.
91

92 The Engineer will pay for the following pay items when included in the
93 proposal schedule:
94

95	Pay Item	Pay Unit
96		
97	(A) HMA Pavement, Mix No. _____	Ton
98		
99	(1) 80% of the contract unit price upon completion of submitting	
100	a job-mix formula acceptable to the Engineer; preparing the	
101	surface, spreading, and finishing the mixture; and compacting the	
102	mixture;	
103		
104	(2) 20% of the contract unit price upon completion of cutting	
105	samples from the compacted pavement for testing; placing and	
106	compacting the sampled area with new material conforming to the	
107	surrounding area; protecting the pavement; and final analysis.	
108		
109	The Engineer will pay for cold planing in accordance with and under	
110	Section 415 - Cold Planing of Existing Pavement.	
111		
112	The Engineer will pay for adjusting existing frames and covers and valve	
113	boxes in accordance with and under Section 604 - Manholes, Inlets and Catch	
114	Basins and Section 626 - Manholes and Valve Boxes for Water and Sewer	
115	Systems."	
116		
117		
118		
119		
120	END OF SECTION 401	

Secure from the manufacturer(s), a warranty or warranties guaranteeing equipment from defects in materials, design and workmanship for not less than twelve (12) months from the date of acceptance.

When requiring adjustments or repairs during the warranty period, adjust or repair the existing unit within twenty-four (24) hours from the time of notification.

When requiring repairs that need factory corrections during the warranty period, replace the existing unit with an accepted temporary operational replacement unit within twenty-four (24) hours from the time of notification until the Contractor can install the new unit. Install the new, identical non-defective unit within thirty (30) days from the time of notification.

(F) Removal, Disposal and Relocation. Remove and dispose existing concrete cabinet base. Relocate the existing cabinet to the location specified in the contract documents. The relocated cabinet shall be mounted onto the new concrete base.

661.04 Measurement. Weigh-In-Motion Scale System Sensor Replacement including all appurtenances will be paid for on a lump sum basis. Measurement for payment will not apply.

661.05 Payment. The Engineer will pay for the accepted Weigh-In-Motion (WIM) system Sensor Replacement on a lump sum basis. Payment will be full compensation for the work prescribed in this section and the contract documents.

The Engineer will pay for the following pay item when included in the proposal schedule:

Pay Item	Pay Unit
Weigh-In-Motion Scale System Sensor Replacement	Lump Sum"

END OF SECTION 661

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
209.1000	Installation, Maintenance, Monitoring and Removal of BMP	L.S.	L.S.	L.S.	\$ _____
209.2000	Additional Water Pollution, Dust and Erosion Control	F.A.	F.A.	F.A.	\$ 10,000.00
401.0400	Hot Mix Asphalt (HMA) Pavement, Mix No. IV	14,200	TON	\$ _____	\$ _____
415.0100	Cold Planing	L.S.	L.S.	L.S.	\$ _____
604.4200	Adjusting Storm Drain Manhole Frame and Cover	4	EACH	\$ _____	\$ _____
604.4300	Adjusting Sewer Manhole Frame and Cover	1	EACH	\$ _____	\$ _____
606.0200	Guardrail, Type 3 - Strong Post W-Beam	L.S.	L.S.	L.S.	\$ _____
606.0300	Terminal Section, Type "A"	L.S.	L.S.	L.S.	\$ _____
606.0400	Terminal Section, Type "G"	L.S.	L.S.	L.S.	\$ _____
606.0500	Terminal Section, Type FLEAT 350	L.S.	L.S.	L.S.	\$ _____
606.0600	Reset Guardrail	L.S.	L.S.	L.S.	\$ _____
607.0100	4-Foot Chain Link Fence	L.S.	L.S.	L.S.	\$ _____
613.0100	Adjusting Centerline and Reference Survey Monuments	17	EACH	\$ _____	\$ _____
615.0100	Centerline Milled Rumble Strip	L.S.	L.S.	L.S.	\$ _____
615.0200	Edgeline Milled Rumble Strip	L.S.	L.S.	L.S.	\$ _____
615.0300	Shoulder Milled Rumble Strip	L.S.	L.S.	L.S.	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.9000	Loop Detectors (6 Ft x 6 Ft) One Loop	L.S.	L.S.	L.S.	\$ _____
629.1009	4-Inch Pavement Striping (Tape, Type II or Thermoplastic Hot Spray) White	L.S.	L.S.	L.S.	\$ _____
629.1010	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Hot Spray) Yellow	L.S.	L.S.	L.S.	\$ _____
629.1011	8-Inch Pavement Striping (Tape, Type II or Thermoplastic Hot Spray) White	L.S.	L.S.	L.S.	\$ _____
629.1012	12-Inch Pavement Striping (Tape, Type II or Thermoplastic Hot Spray) White	L.S.	L.S.	L.S.	\$ _____
629.1013	12-Inch Pavement Striping (Tape, Type II or Thermoplastic Hot Spray) Yellow	L.S.	L.S.	L.S.	\$ _____
629.1014	4-Inch Double Yellow Pavement Striping (Tape, Type I or Thermoplastic Hot Spray)	L.S.	L.S.	L.S.	\$ _____
629.1015	Pavement Arrow (Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1016	Crosswalk Marking (Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1017	Yield Pavement Marking (Shark's Teeth Marking) (Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1018	Pavement Word (Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.2020	Type "A" Pavement Marker	L.S.	L.S.	L.S.	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.2030	Type "C" Pavement Marker	L.S.	L.S.	L.S.	\$ _____
629.2040	Type "D" Pavement Marker	L.S.	L.S.	L.S.	\$ _____
629.2060	Type "H" Pavement Marker	L.S.	L.S.	L.S.	\$ _____
629.2070	Type "J" Pavement Marker	L.S.	L.S.	L.S.	\$ _____
630.0100	Panel for Destination Sign	201	SQ. FT.	\$ _____	\$ _____
630.0200	4.0 lbs/ft Flanged Channel Post for Destination Sign	L.S.	L.S.	L.S.	\$ _____
630.0300	Type "A" Route Marker Assembly With Post	L.S.	L.S.	L.S.	\$ _____
630.0400	Type "B" Route Marker Assembly With Post	L.S.	L.S.	L.S.	\$ _____
630.0500	Street Name Sign	L.S.	L.S.	L.S.	\$ _____
631.3100	Regulatory Sign (10 Sq. Ft. or Less) With Post	L.S.	L.S.	L.S.	\$ _____
631.3200	Warning Sign (10 Sq. Ft. or Less) With Post	L.S.	L.S.	L.S.	\$ _____
632.4000	Reflector Marker (RM-3) Yellow With Steel Post	L.S.	L.S.	L.S.	\$ _____
632.4100	Reflector Marker (RM-4) Yellow With Steel Post	L.S.	L.S.	L.S.	\$ _____
632.7610	Mile Marker And Supplemental Route Number Plate (Bi-Directional) With Post	L.S.	L.S.	L.S.	\$ _____
639.0100	Curb, Type 6	L.S.	L.S.	L.S.	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
640.0100	Lined Drainage Ditch	L.S.	L.S.	L.S.	\$ _____
643.0100	Maintenance Of Existing Landscape Areas	F.A.	F.A.	F.A.	\$ 5,000.00
645.2000	Traffic Control	L.S.	L.S.	L.S.	\$ _____
645.2100	Additional Police Officers, Additional Traffic Control Devices, And Advertisement	F.A.	F.A.	F.A.	\$ 20,000.00
648.0100	Field Posted Drawings	L.S.	L.S.	L.S.	\$ _____
661.1000	Weigh In-Motion Scale System Sensor Replacement	L.S.	L.S.	L.S.	\$ _____
696.6000	Field Office Trailer (Not To Exceed \$32,000.00)	L.S.	L.S.	L.S.	\$ _____
696.6100	Project Site Laboratory Trailer (Not To Exceed \$22,000.00)	L.S.	L.S.	L.S.	\$ _____
696.6200	Maintenance Of Trailers	F.A.	F.A.	F.A.	\$ 10,000.00
699.1000	Mobilization (Not to Exceed 10% of the Sum of All Items Excluding the Bid Price of This Item and Force Account Items.)	L.S.	L.S.	L.S.	\$ _____
SUM OF ALL ITEMS					\$ _____
<p>NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.</p>					

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DESIGN BRANCH
HIGHWAY DESIGN SECTION
601 KAMOKILA BOULEVARD, ROOM 609
KAPOLEI, HAWAII 96707-2023

PRE-BID CONFERENCE MINUTES

601 KAMOKILA BOULEVARD, CONFERENCE ROOM 577A
KAPOLEI, HAWAII 96707
DECEMBER 9, 2010 - 9:00 AM

PROJECT: HONOAPIILANI HIGHWAY RESURFACING, VICINITY OF HOOHUI
STREET TO PLANTATION ESTATES GOLF COURSE
ISLAND OF MAUI

PROJECT NUMBER: 30A-01-10M

Pre-Bid Conference began at 9:00 AM and was simultaneously done via a video conference with the Maui District Office.

Opened pre-bid conference by stating the scope of work for this project.

There were no questions asked and the Pre-Bid Conference concluded at 9:50 AM.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DESIGN BRANCH
HIGHWAY DESIGN SECTION
601 KAMOKILA BOULEVARD, ROOM 609
KAPOLEI, HAWAII 96707-2023

PRE-BID CONFERENCE
601 KAMOKILA BOULEVARD, CONFERENCE ROOM 609
KAPOLEI, HAWAII 96707
DECEMBER 9, 2010, 9:00 A.M.

PROJECT: HONOAPIILANI HIGHWAY RESURFACING
VICINITY OF HOOHUI STREET TO PLANTATION ESTATES GOLF COURSE
PROJECT NUMBER: 30A-01-10M

PRINT NAME	OFFICE	TELEPHONE NUMBER
1. MANNY QUODALA	Highway Design	692-7573
2. NAPOLEON AGRAN	HWY- PLANNING	587-1838
3. SAM PENG HO	JAS. W. GLOVER, LTD.	591-8977
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		

SIGN IN SHEET – PRE-BID MEETING

December 9, 2010 @9:00 A.M.
Maui District Office (Video Conference).

Honoapiilani Highway Resurfacing
Vicinity of Hooihui Road to Plantation Estates Golf Course
Project No.30A-01-10M

NAME	COMPANY	PH. NO./FAX	E-MAIL
1. Crisanto Ragasa	DOT	873-3553/873-3544	crisanto.ragasa@hawaii.gov
2. Ferdinand Cajigal	DOT	873-3553/873-3544	Ferdinand.cajigal@hawaii.gov
4. Norman Shinn	Maui Paving	877-2765 / 877-0428	norman@normanpaving.com
5. FRED GUTIERREZ	DOT	873-3390	FRED.C.GUTIERREZ@HAWAII.GOV

AGENDA