

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

**ADDENDUM NO. 1  
for  
KULA HIGHWAY RESURFACING  
HAAKAKAI BRIDGE TO OLD LOWER KULA ROAD AND  
HONOAPIILANI HIGHWAY RESURFACING  
KAPOLI STREET TO KAHEAWA WIND FARM ACCESS ROAD  
FEDERAL-AID PROJECT NO. STP-0900(073)  
DISTRICTS OF MAKAWAO AND WAILUKU  
ISLAND OF MAUI**

The following amendments shall be made to the Bid Documents:

**A. SPECIFICATIONS**

1. Replace Table of Contents dated 11/02/09 with the attached Table of Contents dated 6/08/11.
2. Add Page 210-1a dated 6/08/11.
3. Replace Page 312-1a dated 07/01/08 with the attached Page 312-1a dated 6/08/11.
4. Replace Pages 401-1a through 401-4a dated 07/01/08 with the attached Pages 401-1a through 401-4a dated 6/08/11.
5. Replace Pages 629-1a through 629-2a dated 3/30/06 with the attached Pages 629-1a through 629-3a dated 6/08/11.
6. Remove Page 639-1a dated 11/18/09.

**C. PROPOSAL**

Replace Pages P-8 through P-12 dated 5/4/2011 with the attached Pages P-8 through P-12 dated 6/08/11.

**D. PLANS**

1. Replace Plan Sheet Nos. 3, 9, 15, 16, 17, 18, 20, 21, 22, 23, 24, 26, 31, 37, 38 with the attached Plan Sheet Nos. ADD. 3, ADD. 9, ADD. 15, ADD. 16, ADD. 17, ADD. 18, ADD. 20, ADD. 21, ADD. 22, ADD. 23, ADD. 24, ADD. 26, ADD. 31, ADD. 37, and ADD. 38.

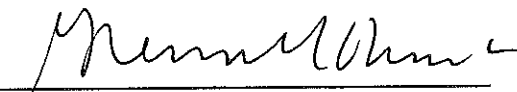
Addendum No. 1  
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2. The attached Plan Sheet Nos. ADD. 9S-1 and ADD. 13S-1 shall be incorporated and made part of the Plans.

**E. PRE-BID MEETING MINUTES**

Attached are the June 3, 2011 Pre-bid Meeting Minutes and 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.

  
\_\_\_\_\_  
GLENN M. OKIMOTO, Ph. D.  
Director of Transportation

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- 31

(I) Amend **210.04 – Measurement** from line 36 to line 37 to read as follows:

(II) Amend **210.05 – Payment** from line 39 to line 42 to read as follows:

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

(1) 100 percent of the contract bid price upon completion of the dressing of shoulders.

STP-0900(073)  
210-1a

**ADDENDUM NO. 1**  
**6/08/11**

1                   **SECTION 312 – HOT MIX GLASSPHALT BASE COURSE**

2  
3    Make the following amendments to said Sections:

- 4  
5    **(I)**    Amend **Section 312.03(C) Compaction** by revising the second  
6           paragraph, from line 102 to 105, to read as follows:

7  
8           “Compact mixture immediately upon completion of spreading operations to  
9           density of not less than 92.0 percent of maximum theoretical specific  
10          gravity in accordance with AASHTO T 209, modified by deletion of  
11          Supplemental Procedure for Mixtures Containing Porous Aggregate.”

- 12  
13   **(II)**   Amend **Section 312.04 Measurement**, from line 116 to 117 to read as  
14          follows:

15  
16   **“312.04 Measurement.**

- 17  
18          **(A)**   The Engineer will measure HMGB course per ton in accordance  
19          with contract documents.”

- 20  
21  
22   **(III)**   Amend **Section 312.05 Payment**, from line 119 to 139, to read as  
23          follows:

24  
25   **“312.05 Payment.**       The Engineer will pay for the accepted pay items  
26   listed below at the contract price per pay unit, as shown in the proposal schedule.  
27   Payment will be full compensation for the work prescribed in this section and the  
28   contract documents.

29  
30          The Engineer will pay for one of the following pay items when included in  
31   the proposal schedule:

Pay Item	Pay Unit
<b>(A)</b> Hot Mix Glassphalt Base Course	Ton
<b>(1)</b> 80% of the contract unit price upon completion of submitting a job-mix formula acceptable to the Engineer; preparing the surface, spreading, and finishing the mixture; and compacting the mixture by rolling;	
<b>(2)</b> 20% of the contract unit price upon completion of cutting samples from the compacted pavement for testing; placing and compacting the sampled area with new material conforming to the surrounding area; protecting the pavement; and final analysis.”	

46  
47                   **END OF SECTION 312**

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



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

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

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

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

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

**"401.04 Measurement.**

**(A)** The Engineer will measure asphalt concrete pavement per ton in accordance with the contract documents.

**(B)** The Engineer will measure leveling course per ton in accordance with the contract documents."

**(C)** The Engineer will measure guardrail paving per ton in accordance with the contract documents."

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

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

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

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

(A) HMA Pavement, Mix No. _____	Ton
---------------------------------	-----

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

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

(B) Leveling Course, Mix No. _____	Ton
------------------------------------	-----

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

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

(C) Guardrail Paving, HMA Pavement, Mix No. _____	Ton
---	-----

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

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

138           The Engineer will pay for cold planing in accordance with and under  
139 Section 415 – Cold Planing of Existing Pavement.

140  
141           The Engineer will pay for adjusting existing frames and covers and valve  
142 boxes in accordance with and under Section 604 – Manholes, Inlets and Catch  
143 Basins and Section 626 – Manholes and Valve Boxes for Water and Sewer  
144 Systems.”

145  
146  
147  
148  
149  
150  
**END OF SECTION 401**

## SECTION 629 - PAVEMENT MARKINGS

Make the following amendments to said Section:

(I) Amend **Subsection 629.03(B) – Temporary Pavement Markings** by revising the third paragraph from line 62 to 63 to read:

“Maintain and replace temporary pavement markings, flexible delineators, and barricades. ”

(II) Amend **Table 629.03 – 1 – Temporary Pavement Markings** to read as follows:

TABLE 629.03-1 TEMPORARY PAVEMENT MARKINGS	
TYPE	PAVEMENT MARKINGS
Passing Permitted - Both Sides	Single 4-inch yellow stripe 5 feet in length spaced 20 feet on center with Type D markers spaced 40 feet on center and located on center of 5-foot length of stripe.
Passing Prohibited - Both Sides	Double solid 4-inch yellow stripes with Type D markers placed 20 feet on center on one of 4-inch yellow stripes selected by the Engineer.
Passing Permitted - One Side Only	Single continuous 4-inch yellow stripe with Type D markers placed on stripe 20 feet on center on no-passing side and single 4-inch yellow stripes 5 feet in length spaced 20 feet on center on passing side.
Lane Lines - Lane Changing Permitted	Single 4-inch yellow or white stripe 5 feet in length spaced 20 feet on center with Type C or Type D markers spaced 40 feet on center.
Lane Lines - Lane Changing Prohibited	Double solid 4-inch white stripes with Type C markers placed 20 feet on center on one of the 4-inch white stripes selected by the Engineer.
Crosswalk	Two 12-inch white transverse lines spaced 8 feet on center or as ordered by the Engineer.
Stop Line	Single 12-inch white transverse line.
<b>Note:</b> Paint may be used for temporary markings in areas where final paving is not complete.”	

(III) Amend **Subsection 629.03(C) – Permanent Pavement Markings** by adding the following after line 267:

18 **“(5) Thermoplastic Hot Spray Pavement Marking.**

19  
20 **(a) Equipment.** Use equipment constructed for preparation and  
21 application of thermoplastic hot spray pavement marking

22  
23 Equipment shall provide continuous mixing and agitation of  
24 material. Conveying parts of equipment shall be constructed to  
25 prevent accumulation and clogging.

26  
27 Use applicator capable of containing minimum of 125 pounds of  
28 molten material.

29  
30 Provide kettle for melting and heating composition. Equip kettle  
31 with automatic thermostat control device so that heating can be  
32 done by controlled heat transfer liquid rather than direct flame.

33  
34 Equip and arrange applicator and kettle in accordance with  
35 National Fire Underwriters requirements.

36  
37 Mixing and conveying parts, including the spray gun, shall  
38 maintain material at molten temperature.

39  
40 Apply beads to entire surface of completed stripe by automatic  
41 bead dispenser attached to hot spray applicator.

42  
43 Equip bead dispenser with automatic cutoff control  
44 synchronized with cutoff of thermoplastic material.

45  
46 Use equipment that provides for varying spray widths to  
47 produce varying widths of traffic markings.

48  
49 Use mobile and maneuverable applicator that is capable of  
50 following straight lines and making curves in true arcs.

51  
52 **(b) Application.** Clean off dirt, debris, blaze, paint, tape, and  
53 grease. Apply thermoplastic hot spray pavement marking only when pavement  
54 surface is dry.

55  
56 Use equipment that can apply material in variable widths from  
57 2 inches to 12 inches. Apply material for full width of stripe in one application or  
58 pass.

59  
60 On concrete pavements, on HMA pavements more than  
61 seven days old, and on HMA pavements paved within seven days containing  
62 less than 6 percent bituminous asphalt, pre-stripe application area with binder  
63 material, primer, or prime seal coat recommended by pavement marker  
64 manufacturer.

65  
66 Line thickness as viewed from lateral cross section, shall  
67 measure not less than 3/32 inch at edges, and not less than 1/8 inch in center.  
68

69 Where required by the contract documents to apply new  
70 markings over existing markings, bond new line over old line so that no splitting  
71 or separation takes place during its useful life.  
72

73 Provide finished lines with well-defined edges, free of  
74 waviness.”  
75

76 **(IV) Amend Subsection 629.05 – Payment by adding the following pay items:**  
77

78 “ \_\_\_\_\_-Inch Pavement Striping (Thermoplastic Hot Spray) Lump Sum  
79

80 Yield Pavement Marking (Shark’s Teeth Marking)  
81 (Thermoplastic Extrusion) Lump Sum”  
82  
83

84  
85 **END OF SECTION 629**  
86

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	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.	\$ <u>20,000.00</u>
210.1000	Shoulder Dressing	250	C.Y.	\$ _____	_____
312.1000	Hot Mix Glassphalt Base Course	1,700	Tons	\$ _____	\$ _____
401.1000	Hot Mix Asphalt (HMA) Pavement, Mix No. IV	7,900	Tons	\$ _____	\$ _____
401.2000	Leveling Course, Mix No. V	100	Tons	\$ _____	\$ _____
401.3000	Guardrail Paving, HMA Pavement, Mix No. IV (1-1/2" Thick)	275	Tons	\$ _____	_____
414.1000	Excavation of Weakened Pavement Areas	800	C.Y.	\$ _____	\$ _____
415.1000	Cold Planing	5,000	S.Y.	\$ _____	\$ _____
603.1000	Clean Existing Culverts	F.A.	F.A.	F.A.	\$ <u>30,000.00</u>
604.4100	Adjusting Storm Drain Manhole Cast Iron Frame and Cover	4	Each	\$ _____	\$ _____
604.4200	Adjusting Water Manhole Cast Iron Frame and Cover	2	Each	\$ _____	\$ _____
604.4300	Adjusting Water Valve Box Cast Iron Frame and Cover	5	Each	\$ _____	\$ _____
604.4400	Adjusting Telephone Manhole Cast Iron Frame and Cover	2	Each	\$ _____	\$ _____
604.4500	Adjusting Cable TV Pull Box Frame and Cover	1	Each	\$ _____	\$ _____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
606.0100	Guardrail, Strong Post W-Beam with 6-FT. Steel Post	L.S.	L.S.	L.S.	\$ _____
606.0200	Terminal Section, Type "A"	L.S.	L.S.	L.S.	\$ _____
606.0300	Terminal Section, Type "Fleat-350"	L.S.	L.S.	L.S.	\$ _____
606.0400	Reset Existing Guardrail Post	L.S.	L.S.	L.S.	\$ _____
613.0100	Adjusting Centerline and Reference Survey Monuments	5	Each	\$ _____	\$ _____
614.0100	Adjusting Street Survey Monuments	4	Each	\$ _____	\$ _____
615.0100	Centerline Milled Rumble Strip	L.S.	L.S.	L.S.	\$ _____
615.0200	Shoulder Milled Rumble Strip	L.S.	L.S.	L.S.	\$ _____
615.0300	Edge Line Milled Rumble Strip	L.S.	L.S.	L.S.	\$ _____
623.1000	Traffic Signal System Upgrade	L.S.	L.S.	L.S.	\$ _____
629.1010	4 - Inch Pavement Striping (Thermoplastic Hot Spray) (White)	L.S.	L.S.	L.S.	\$ _____
629.1011	4 - Inch Pavement Striping (Thermoplastic Hot Spray) (Yellow)	L.S.	L.S.	L.S.	\$ _____
629.1012	8 - Inch Pavement Striping (Thermoplastic Hot Spray) (White)	L.S.	L.S.	L.S.	\$ _____
629.1013	12 - Inch Pavement Striping (Thermoplastic Hot Spray) (White)	L.S.	L.S.	L.S.	\$ _____
629.1014	12 - Inch Pavement Striping (Thermoplastic Hot Spray) (Yellow)	L.S.	L.S.	L.S.	\$ _____



PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1015	Double 4 - Inch Pavement Striping (Thermoplastic Hot Spray)	L.S.	L.S.	L.S.	\$ _____
629.1016	Crosswalk Marking (Thermoplastic Extrusion or Hot Spray)	L.S.	L.S.	L.S.	\$ _____
629.1017	Pavement Arrow (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1018	Yield Pavement Marking (Shark's Teeth Marking) (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1019	Pavement Symbol (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1020	Pavement Word (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.2010	Type "A" Pavement Marker	L.S.	L.S.	L.S.	\$ _____
629.2020	Type "C" Pavement Marker	L.S.	L.S.	L.S.	\$ _____
629.2030	Type "D" Pavement Marker	L.S.	L.S.	L.S.	\$ _____
629.2040	Type "H" Pavement Marker	L.S.	L.S.	L.S.	\$ _____
629.2050	Type "J" Pavement Marker	L.S.	L.S.	L.S.	\$ _____
630.0100	Street Name Sign	L.S.	L.S.	L.S.	\$ _____
630.0200	Street Name Sign on Traffic Signal Mast Arm	L.S.	L.S.	L.S.	\$ _____
630.0300	Type "A" Route Marker Assembly	L.S.	L.S.	L.S.	\$ _____

ADDENDUM NO. 1

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PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
630.1100	Panel for Destination Sign	L.S.	L.S.	L.S.	\$ _____
630.1200	4.00 lbs./ft. Flanged Channel Post For Destination Sign	L.S.	L.S.	L.S.	\$ _____
631.1100	Regulatory Sign (10 Sq. Ft. or Less) with Post	L.S.	L.S.	L.S.	\$ _____
631.1150	Regulatory Sign (10 Sq. Ft. or Less) without Post	L.S.	L.S.	L.S.	\$ _____
631.1200	Regulatory Sign (More than 10 Sq. Ft.) with Post	L.S.	L.S.	L.S.	\$ _____
631.1300	Warning Sign (10 Sq. Ft. or Less) with Post	L.S.	L.S.	L.S.	\$ _____
631.1400	Bikeway Sign with Post	L.S.	L.S.	L.S.	\$ _____
631.1500	Construction Sign with Post	L.S.	L.S.	L.S.	\$ _____
632.4100	Reflector Marker (RM-2) With Steel Post (White)	L.S.	L.S.	L.S.	\$ _____
632.4200	Reflector Marker (RM-2) With Flexible Post (White)	L.S.	L.S.	L.S.	\$ _____
632.4300	Reflector Marker (RM-5) on Existing Guardrail	L.S.	L.S.	L.S.	\$ _____
632.4400	Mile Post Marker And Supplemental Route Number Plate (Bi -Directional) With Post	L.S.	L.S.	L.S.	\$ _____
632.4500	Mile Post Marker And Supplemental Route Number Plate (Bi -Directional) Without Post	L.S.	L.S.	L.S.	\$ _____
632.4600	Type II Object Marker Without Post	L.S.	L.S.	L.S.	\$ _____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
643.0100	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	\$ 10,000.00
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.	\$ 25,000.00
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	\$
693.0100	Terminal Impact Attenuator Quadguard System	L.S.	L.S.	L.S.	\$
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.	\$
A. SUM OF ALL ITEMS					\$
B. Either Furnish Foreign Steel Not to Exceed Minimal Amount ( Insert "0") or Furnish Foreign Steel in Excess of Minimal Amount ( lsert "25% x A")					\$
C. Amount for Comparison of Bids (A+B)					\$
<p>* All Bidders must fill in B and Complete C.</p> <p>NOTE: Bidders must complete all unit prices. Failure to do so may be grounds for rejection of bid.</p>					

**PRE-BID MEETING  
MINUTES**

FOR

**KULA HIGHWAY RESURFACING  
HAAKAKAI BRIDGE TO OLD LOWER KULA ROAD AND  
HONOAPIILANI HIGHWAY RESURFACING  
KAPOLI STREET TO KAHEAWA WIND FARM ACCESS ROAD  
FEDERAL-AID PROJECT NO. STP-0900(073)  
DISTRICTS OF MAKAWAO AND WAILUKU  
ISLAND OF MAUI**

**Location:** Maui District Office Conference Room  
**Date:** Monday, June 3, 2011  
**Time:** 9:00AM

**A. Introduction – Meeting began at 9:10 AM**

1. Attendees:  
Calvin Shimizu, Jas. W. Glover, LTD.  
Dane Patao, Maui Master Builders  
Norm Shinno, Maui Paving  
Ervin Pigao, DOT HWY-M  
Ferdinand Cajigal, DOT HWY-M
2. Purpose of the meeting was to discuss the scope of the project and also listen to and answer any questions or concerns that the contractors may have regarding the bid documents.

**B. Project Scope and Special Conditions**

Scope of project includes resurfacing existing pavement with 2" of A.C. pavement, reconstruction of weakened pavement areas, cold planing, installation of signs, pavement markings and rumble strips, adjustment of utilities, culvert cleaning, resetting guardrail posts, updating guardrail end terminals, upgrades to traffic signals.

**C. Questions**

- Contractors prefer unit pricing over lump sum pricing for asphalt items in the proposal schedule. **State will change pricing for Item No. 312.1000 – Hot Mix Glassphalt and Item No. 401.1000 – HMA Pavement, Mix IV to unit pricing.**

- Contractors want a separate item number for paving around and behind guardrail posts. **State will add item for guardrail paving, limited to only 1.5" thick pavement.**
- Contractors were concerned that the quantity and location of reconstruction areas as shown on the plans is not representative of the field conditions. **State to verify areas and add more if necessary.**
- Contractors asked to add an item for leveling course, also to be in unit pricing, and to mark the areas on the plans. **State will conduct field verifications for areas needing leveling course and mark them on the plans as well as provide a unit price item for a Mix V leveling course.**
- Contractors were made aware of an area along Honoapiilani Highway with a dip in the pavement where a grate drop inlet lies and were told to raise the pavement to match. **State to conduct a field survey to determine the area and mark the plans accordingly.**
- Contractors asked whether an item for dressing shoulders could be added. **State will add item in proposal schedule.**
- Contractors were reminded about implementing the safety edge detail. **State will add the detail in the plan sheets.**
- In the proposal schedule, contractor pointed out the duplication of "adjusting storm drain manhole..." which has two different item numbers. **State explained that the two item numbers was to distinguish between the state owned and county owned manholes. State will merge the two items into one.**
- Contractor asked about the installation of an A.C. paved gutter on Plan Sheet 21. **State to do a field verification regarding the reason for this work and will amend the plans as necessary.**
- On Plan Sheet 18 contractor asked if cold planing should be done where the A.C. curb is. **State recommended demolishing the A.C. curb and replacing it with a concrete curb and thus eliminating the need to cold plane and repaint the existing curb.**
- Contractors brought up the use of spray on thermoplastic as shown in Plan Sheets 15-17 vs. thermoplastic extrusion leading to a discussion of how using thermoplastic extrusion on rumble strips would adversely affect the striping. **State will verify whether spray on thermoplastic is acceptable and will amend the specs as necessary.**
- Contractors were made aware that the traffic signal heads will be replaced with L.E.D. signal heads. **State will add a note in the plans specifying this replacement.**

D. Meeting adjourned at 9:45 AM

## PRE-BID MEETING SIGN IN SHEET

**KULA HIGHWAY RESURFACING  
HAAKAKAI BRIDGE TO OLD LOWER KULA ROAD AND  
HONOAPIILANI HIGHWAY RESURFACING  
KAPOLI STREET TO KAHEAWA WIND FARM ACCESS ROAD  
FEDERAL AID PROJECT NO. STP-0900(073)  
DISTRICTS OF MAKAWAO AND WAILUKU  
ISLAND OF MAUI**

**MONDAY, JUNE 3, 2011 @ 9:00AM**  
**MAUI DISTRICT OFFICE CONFERENCE ROOM**

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