# STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

#### **ADDENDUM NO. 1**

for

### KAMEHAMEHA HIGHWAY RESURFACING VICINITY OF KA UKA BOULEVARD TO VICINITY OF WAIHAU STREET

### FEDERAL-AID PROJECT NO. NH-099-1(029)

The following amendments shall be made to the Bid Documents:

#### A. SPECIFICATIONS

- 1. DBE Bidder Registration Forms can be found at "http://hawaii.gov/dot/administration/ocr/DBE".
- 2. Replace Pages 626-1a through 626-2a dated 4/22/13 with the attached Pages 626-1a through 626-2a dated r1/21/14.
- 3. Replace Pages 629-1a through 629-2a dated 12/04/13 with the attached Pages 629-1a through 629-2a dated r1/14/14.
- 4. Replace Pages 645-1a through 645-2a dated 9/05/13 with the attached Pages 645-1a through 645-2a dated r1/21/14.

#### B. PROPOSAL

1. Replace Pages P-8 through P-13 dated 12/4/2013 with the attached Pages P-8 through P-13 dated r1/23/2014.

#### C. PLANS

1. Replace Plan Sheet Nos. 3, 10-11, 13, 26, 28-29, 37-38, 41, 48, 50, 64-73, and 75-79 with the attached Plan Sheet Nos. ADD.3, ADD.10-ADD.11, ADD.13, ADD.26, ADD.28-ADD.29, ADD.37-ADD.38, ADD.41, ADD.48, ADD.50, ADD.64-ADD.73, and ADD.75-ADD.79.

#### D. PRE-BID MEETING MINUTES

1. Attached are the January 14, 2014 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

Addendum No. 1 1/23/14

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46	(V) Amend Sect	ion 626.05 Payment, by adding the follow	ving paragraph after
47	line 190:		
48			•
49	"Pay Item		Pay Unit
50			
51	Adjusting	Manhole Frame and Cover	Each
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53	Adjusting (_	) Standard Valve Box	Each
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55	Adjust	Pullbox	Each"
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60		END OF SECTION 626	

Make the following amendments to said Section:

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

"Maintain and replace temporary pavement markings, flexible delineators, and barricades. "

Amend Subsection 629.03(B) - Temporary Pavement Markings by **(II)** adding the following after line 75:

"Traffic Operations Demo Zone. After completion of final A.C. paving from Sta. 41+50 to Sta. 86+70, install temporary pavement marking tapes and raised pavement markers to establish pavement striping layout (i.e., 2 travel lanes with white edge lines, yellow striped median with transverse markings) as shown in the permanent pavement markings plan.

Install temporary pavement markings in accordance with Table 629.03-1 - Temporary Pavement Markings.

Maintain and repair the temporary pavement markings within the Traffic Operations Demo Zone for a trial period of three (3) months as directed by the Engineer.

Installation of RPM centerline rumble strip will not be required for the Traffic Operations Demo Zone trial period.

During the trial period, keep lanes and adjacent shoulders within the demo zone open to traffic, and allow traffic flow at normal posted speed limit during non lane-closure hours. All construction work shall cease and equipment removed from roadway and adjacent shoulders within the demo zone at the end of each work day at 3:00 p.m., Monday through Friday.

Contractor will be allowed to conduct normal construction operations outside of the Traffic Operations Demo Zone during the 3month trial period. No additional contract time will be granted.

At the end of the trial period, remove all the temporary pavement markings, and install permanent pavement markings, including RPM centerline rumble strips, in accordance with contract documents."

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.					
Note: Paint may be used for temporary markings in areas where final paving is not complete.						

(IV) Amend Subsection 629.04 – Measurement by adding the following after line 295:

"Temporary pavement markings for Traffic Operations Demo Zone, Sta. 41+50 to Sta. 86+70, will be paid on a lump sum basis. Measurement for payment will not apply."

**(V)** Amend **Subsection 629.05** – **Payment** by adding the following after line 325:

"Temporary Pavement Markings (Traffic Operations Demo Zone, Sta. 41+50 to Sta. 86+70)

Lump Sum"

**END OF SECTION 629** 

1		S	ECTION 645 - WORK Z	ONE TRAFFIC CONTROL					
2 3	Make th	e followi	ng amendments to said	Section:					
4 5 6 7	(I) Amend Subsection 645.03 – Construction by revising lines 65 and 66 as follows:								
8 9 0			s included in the contra d in TCP, whichever is g	act documents, furnish nu reater."	mber of police				
1 .2 .3 .4 .5 .6	(i.e., ele traffic co work sha	ctronic nontrol as	nessage signs) as neede s shown in TCP, or reque cidental to contract item N	nove two (2) changeable med for each location that requested by the Engineer. Tolon 645.0100 - Traffic Contr	uires work zone he cost for this				
.0 [7] [8]	(II) A to read		· ,	ane Closures by revising l	ines 248 to 251				
20 21 22 23	fo a	ollowing acceptan	hours. Exceptions to la	closures will be allowed on an eclosure hours specified increase in contract price rictions specified.	I require written				
24 25	(	1) Da	ay-time lane closure ho	ours:					
26 27 28 29				. of Project to Sta. 10+00 46+00 +/- to End of Proje					
۷,			1-lane Closure	Both Directions					
			Monday to Friday	8:30 A.M. – 3:00 P.M.					
30 31 32	.(	·	ight-time road closure						
33 34		<u>K</u> :	<u>amehameha Hwy. (Sta.</u>	10+00 +/- to Sta. 46+00 +	<del>-/-)</del>				
- •			Road Closure	Both Directions					
			Sunday	8:30 P.M Midnight					

Monday to Thursday 12:00 A.M. – 4:30 A.M. 8:30 P.M. - Midnight Friday 12:00 A.M. – 4:30 A.M.

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The Contractor would be allowed to close Kamehameha Highway in both directions between Ka Uka Boulevard and Lanikuhana Avenue when working between Sta. 10+00 +/- to Sta. 46+00 +/- (e.g., due to limited roadway width), and as directed by the Engineer.

The Contractor shall allow only <u>one</u> truck to cross the Kipapa Bridge at a time during road closure hours. Truck weight shall not exceed 32 tons. Maximum weight limit for the Kipapa Bridge is 32 tons. Contractor must have a permit to operate or transport overweight vehicles and loads over State Highways. This permit is obtained from the State Department of Transportation, Oahu District Office, 727 Kakoi Street.

The Contractor shall maintain a minimum of one (1) lane of traffic in each direction during day-time work hours, and as directed by the Engineer.

The Contractor shall implement an appropriate detour during roadclosure hours, and as directed by the Engineer.

The Contractor shall notify and coordinate with affected property owners prior to any lane closures and/or detours at no increase in contract price or contract time.

The Contractor shall refer to the noise variance permit and its amendments, issued by Department of Health for the project, regarding specific time and location restrictions for high-noise activities.

It should be noted that the noise variance restriction hours may differ from the allowable lane closure hours listed above. The Contractor shall recognize these differences and plan his operations accordingly.

If applicable, coordinate lane closures with adjacent project(s) at no increase in contract price or contract time.

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

#### **END OF SECTION 645**

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
201.0100	Clearing and Grubbing	LS	LS	LS	\$
202.0400	Removal of Existing AC Curb	LS	LS	LS	\$
202.0410	Removal of Existing Concrete Curb	LS	LS	LS	\$
202.0420	Removal of Existing Concrete Curb and Gutter	LS	LS	LS	\$
202.0430	Removal of Existing Sidewalk	LS	LS	LS	\$
202.0440	Removal of Existing Concrete Bus Pad	LS	LS	LS	\$
203.0100	Roadway Excavation	770	CY	\$	\$
203.0200	Borrow Excavated Material	270	CY	\$	\$
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP	LS	LS	LS	\$
209.0200	Additional Water Pollution, Dust, and Erosion Control	FA	FA	FA	\$50,000.00
301.0100	Hot Mix Asphalt Base Course	20,960	TON	\$	\$
305.0100	Aggregate Subbase	LS	LS	LS	\$
401.0400	HMA Pavement, Mix No. IV	23,000	TON	\$	\$
411.0100	Concrete Pavement for Bus Pads	LS	LS	LS	\$
414.0100	Excavation of Weakened Pavement Areas	9,675	CY	\$	\$
415.0100	Cold Planing	104,075	SY	\$	\$

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
604.4010	Adjusting Manhole Frame and Cover	2	EA	\$	\$
606.3110	Guardrail Type 3 - Strong Post W-Beam	LS	LS	LS	\$
606.3500	Guardrail Type 3 - Strong Post Thrie Beam	LS	LS	LS	\$
606.7000	Terminal Section, Type A Flare	LS	LS	LS	\$
606.7100	Terminal Section, Type G	LS	LS	LS	\$
606.7200	Terminal Section, Type FLEAT-350	LS	LS	LS	\$
606.7300	Transition Section, Type RWT01b	LS	LS	LS	\$
607.0100	6 Feet, Chain Link Fence	LS	LS	LS	\$
607.0200	Chain Link Gate, 6 Feet High and 4 Feet Wide	LS	LS	LS	\$
613.0300	Adjusting Centerline and Reference Survey Monuments	2	EA	\$	\$
623.3060	Traffic Signal Assembly (One-Way, 12-Inch, 1-3 Section Vertical with Mast Arm Mounting) with LED Signal Lights	20	·EA	\$	\$
623.3900	Approach-Only Microwave Vehicle Detector	9	EA	\$	\$
623.4001	Traffic Signal Back Plate (Louvered, Black)	20	EA	\$	\$
623.7051	Loop Detector Sensing Unit (6 Ft. x 6 Ft.) One Loop	70	EA	\$	\$
623.7054	Loop Detector Sensing Unit (6 Ft. x 6 Ft.) Four Loops	1	EA	\$	\$
623.7056	Loop Detector Sensing Unit (6 Ft. x 6 Ft.) Six Loops	16	EA	\$	\$

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
626.0100	Adjusting Water Manhole Frame and Cover	1	EA	\$	\$
626.0200	Adjusting Sewer Manhole Frame and Cover	4	EA	\$	\$
626.0300	Adjusting Telephone Manhole Frame and Cover	2	EA	\$	\$
626.0400	Adjusting (Water) Standard Valve Box	2	EA	\$	\$
626.0500	Adjust Telephone Pullbox	1	EA	\$	\$
626.0600	Adjust Cable TV Pullbox	2	EA	\$	\$
629.1000	Temporary Pavement Markings (Traffic Operations Demo Zone, Sta. 41+50 to Sta. 86+70)	LS	LS	LS	\$
629.1010	Double 4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	LS	LS	LS	\$
629.1012	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	LS	LS	LS	\$
629.1013	4-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)	LS	LS	LS	\$
629.1016	8-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	LS	LS	LS	\$
629.1017	8-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)	LS	LS	LS	\$
629.1020	12-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	LS	LS	LS	\$
629.1021	12-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)	LS	LS	LS	\$
629.1030	Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion)	LS	LS	LS	\$

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1040	Pavement Arrows (Tape, Type III or Thermoplastic Extrusion)	LS	LS	LS	\$
629.1050		LS	LS	LS	\$
	Pavement Word (Tape, Type III or Thermoplastic Extrusion)	LS	LO	LS	Ψ
629.1060	Pavement Symbol (Shark's Teeth Marking) (Tape, Type III or Thermoplastic Extrusion)	LS	LS	LS	\$
629.2010	Type "A" Pavement Markers	LS	LS	LS	\$
629.2030	Type "C" Pavement Markers	LS	LS	LS	\$
629.2040	Type "D" Pavement Markers	LS	LS	LS	\$
629.2070	Type "H" Pavement Markers	LS	LS	LS	\$
629.2080	Type "J" Pavement Markers	LS	LS	LS	\$
630.0100	Type A Route Marker Assembly	LS	LS	LS	\$
630.0201	Directional Sign (Adopt-A-Highway) with Post(s)	LS	LS	LS	\$
630.0202	Directional Sign (Adopt-A-Highway)	LS	LS	LS	\$
631.5101	Regulatory Sign (10 Square Feet or Less) with Post(s)	LS	LS	LS	\$
631.5102	Regulatory Sign (10 Square Feet or Less)	LS	LS	LS	\$
631.5103	Regulatory Sign (More than 10 Square Feet) with Post(s)	LS	LS	LS	\$
631.5104	Regulatory Sign (More than 10 Square Feet)	LS	LS	LS	\$
631.5201	Warning Sign (10 Square Feet or Less) with Post(s)	LS	LS	LS	\$

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
631.5202	Warning Sign (10 Square Feet or Less)	LS	LS	LS	\$
631.5203	Warning Sign (More than 10 Square Feet) with Post(s)	LS	LS	LS	\$
631.5204	Warning Sign (More than 10 Square Feet)	LS	LS	LS	\$
631.7000	Relocation of Existing Sign	LS	LS	LS	\$
632.0200	Mile Post Marker with Post	LS	LS	LS	\$
632.0400	Type III Object Marker with Post	LS	LS	LS	\$
634.0100	Portland Cement Concrete Sidewalk	LS	LS	LS	\$
635.0100	HMA Sidewalk	LS	LS	LS	\$
638.0100	Curb and Gutter, Type 2DG	LS	LS	LS	\$
638.0110	Curb, Modified Type 2D	LS	LS	LS	\$
638.0120	Curb, Type 2D	LS	LS	LS	\$
638.0200	Gutter, Type 2	LS	LS	LS	\$
638.0210	Gutter, Modified Type 2	LS	LS	LS	\$
639.0100	Curb, Type 6	LS	LS	LS	\$
641.0100	Hydro-Mulch Seeding	LS	LS	LS	\$
643.0100	Maintenance of Existing Landscape Areas	FA	FA	FA	\$20,000.00

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT		
645.0100	Traffic Control	LS	LS	LS	\$		
	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	FA	FA	FA	\$40,000.00		
648.0100	Field-Posted Drawings	LS	LS	LS	\$		
650.0100	Curb Ramp, Type B	LS	LS	LS	\$		
650.0300	Curb Ramp, Type D	LS	LS,	LS	\$		
650.0500	Detectable Warnings	LS	LS	LS	\$		
696.1000	Maintenance of Trailers	FA	FA	FA	\$15,000.00		
699.0100	Mobilization (Not to exceed 6 percent of the sum of all items excluding the bid price of this item)	LS	LS	LS	\$		
	a. Sum of All Items	!	I	I	\$		
	b. Either Furnish Foreign Steel Not to Exceed Minimal Amount (Fill in 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.						

## VICINITY OF KA UKA BOULEVARD TO VICINITY OF WAIHAU STREET

#### FEDERAL-AID PROJECT NO. NH-099-1(029)

## PRE-BID MEETING MINUTES JANUARY 14, 2014

The following minutes are from the Hawaii Department of Transportation (HDOT) prebid meeting with prospective bidders for the Kamehameha Highway Resurfacing, Vicinity of Ka Uka Boulevard to Vicinity of Waihau Street project.

The meeting was held at the Kakuhihewa Building in Kapolei, Room 609 at 10:00 am.

A sign-in sheet with the names of the attendees is attached.

All attendees were reminded that the Kipapa Bridge is excluded from any resurfacing or bridge structure upgrades. The project will only replace the Kipapa Bridge's existing striping and pavement markings.

All attendees were informed that this project will include night work in the Kipapa Gulch area. Kamehameha Highway will be completely closed between Ka Uka Boulevard and Lanikuhana Avenue. All traffic will be re-routed to the H-2 Freeway. HDOT is in the process of obtaining a noise variance permit.

HDOT has obtained an individual NPDES permit for this project.

Guardrail drawings will be updated to delete the need for backup plates.

HDOT also informed the attendees of the installation of temporary pavement markings in the Traffic Operations Demo Zone. (Station 41+50 to 86+70) Temporary striping will remain in place for three months. Permanent pavement markings will be installed after the three month trial period as directed by the Engineer.

#### Questions:

1. The Kipapa Bridge has a weight limit of 16 tons. Will the detour and night work accommodate trucks not being able to cross the bridge or turn around?

The 16 ton weight limit is for one travel lane. The maximum weight limit for the bridge is 32 tons. <u>One</u> truck weighing less than 32 tons will be allowed to cross the bridge at a time.

The Contractor still needs to get an overweight vehicle permit.

A note will be added to the Plans and Special Provisions.

2. Can the adjusting manholes item be changed to unit price instead of lump sum? Because there could be buried manholes, the exact number of adjustments is unknown. Unit pricing would make change orders easier.

Yes, the Proposal Schedule items will be revised.

3. On Plan Sheet 50, notes 6 and 7 seem to conflict. Please confirm.

Notes on Drainage Sheets will be revised.

4. If the Contractor chooses to excavate reconstruction areas before cold planing, will HDOT pay for any extra asphalt used for the top 3-1/2 inches of these areas? Can ACB be used for that temporary top layer?

ACB can be used to completely fill reconstruction areas.

ACB quantities shown in the proposal schedule include the extra material used to fill the reconstructed areas before cold planing.

5. On Plan Sheet 13, Typical Pavement Edge detail – Please confirm that there is no pavement structure under the taper wedge.

The safety edge is intended to re-direct any vehicles that inadvertently leave the roadway.

The detail on Plan Sheet 13 is correct. This work will be considered incidental to Hot Mix Asphalt Pavement, Mix No. IV.

A note will be added to the Plans.

6. Will the three months for the demo zone count against the Contractor's construction time?

Traffic observations for the demo zone will occur during the afternoon peak hours, so the Contractor's construction time will not be affected. See Special Provisions Section 629.

The meeting ended at 10:40 am.

All items discussed at this meeting will be reflected in Addendum No. 1.

## KAMEHAMEHA HIGHWAY RESURFACING VICINITY OF KA UKA BOULEVARD TO VICINITY OF WAIHAU STREET

## FEDERAL-AID PROJECT NO. NH-099-1(029)

## PRE-BID MEETING January 14, 2014 10:00 AM

NO.	NAME	COMPANY	PHONE NO.
1	Andy ELDRIPGE	DEZTA CONSTRUCTION	690-8603
2	D.J. Shields	Kiewit	619-341-9799
3	KNE NOVOMURA	KEWIT	808-674-1038
4	Irson Amer	GRACE PACIFIC	520-6335
5	Kevin Yamabayashi	Grace Pacific	842-3233
6	PETER CHAN	HDOT, HWY-TD	692-7630
7	SAM PENA H	JAs. W. Gloven, UTD.	591-8977
8	Holly Yamenchi	HOOT, HWY-DD	692-7574
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