

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

ADDENDUM NO. 1

FOR

**KUHIO HIGHWAY RESURFACING
HARDY STREET TO KUENE ROAD**

PROJECT NO. 56A-01-00M

DISTRICT OF LIHUE

ISLAND OF KAUAI

2003

Amend bid documents as follows:

1. SPECIAL PROVISION

- a. Add attached page 310-1a dated 8/13/98.
- b. Replace page 401-20a dated 1/31/01 with attached page 401-20a dated r11/15/02.
- c. Replace page 604-5a dated 1/15/02 with attached page 604-5a dated r11/15/02.

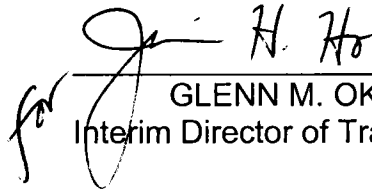
2. PROPOSAL SCHEDULE

Replace pages P-12 through P-18 dated 9/20/02 with attached pages P-12 through P-18 dated r11/15/2002.

3. PLAN

- a. Replace Plan Sheet Nos. 2, 6, 9 through 12, 15 through 22, 25 and 32 with attached Plan Sheet Nos. ADD.2, ADD.3, ADD.6, ADD.9 through ADD.12, ADD.15 through ADD.22, ADD.25 and ADD.32.
- b. Add attached Plan Sheet Nos. ADD.42S-1 and ADD.42S-2.

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
Interim Director of Transportation

Amend **Section 310 - Brooming Off** to read as follows:

"SECTION 310 - BROOMING OFF

310.01 Description. This work includes cleaning an existing surface or a pavement according to the contract.

310.02 Materials. None specified.

310.03 Construction Requirements. Remove earth, dust or other foreign material and existing raised pavement markers from the entire area in question. Remove raveled materials from pockets in the surface. Remove the grass or other growth from edges of the area. Crop the adjacent growth closely to prevent interference with subsequent operations. Dispose of debris resulting from the cleaning operations.

Clean the edges of the existing surface so that their original thickness and width may be reconstructed.

Remove loose material and excess dust by mechanically operated broom or air pressure, supplemented by hand brooming where required. Apply air pressure through pipe nozzles operating from a compressor producing 100 psi pressure. Do this work while the surface is thoroughly dry.

310.04 Method of Measurement. The Engineer will not measure brooming off for payment.

310.05 Basis of Payment. The Engineer will not pay for brooming off separately. The Engineer will consider the cost for brooming off as included in the contract price of the various contract items.

The cost is for cleaning an existing surface or pavement according to the contract; and furnishing materials, labor, tools, equipment, and incidentals necessary to complete the work."

END OF SECTION

The Engineer will not permit traffic on courses of asphalt concrete until the asphalt concrete has cooled and set, except such traffic as may be necessary for construction purpose.

(J) Tack Coat. Apply tack coat to bituminous and concrete surfaces before placing the asphalt concrete pavement. The tack coat shall conform to Section 407 - Bituminous Tack Coat.

401.06 Method of Measurement. The Engineer will measure asphalt concrete pavement per ton.

401.07 Basis of Payment. The Engineer will pay for the accepted asphalt concrete pavement at the contract unit price per ton complete in place.

The price includes full compensation for preparing the surface; removing and disposing of all existing raised pavement markers and traffic tapes; furnishing the asphalt concrete pavement; spreading, furnishing, applying, and protecting the tack coat; compacting, and finishing the asphalt concrete pavement; sampling; protecting the pavement; and furnishing labor, material, tools, equipment, and incidentals necessary to complete the work.

The Engineer will make payment under:

Pay Item	Pay Unit
Asphalt Concrete Pavement, Mix No. _____	Ton"

The Engineer may, in lieu of requiring removal and replacement, use the sliding scale pay factor to accept asphalt concrete pavements compacted below 91% and above 96%. The Engineer will make payment for the material in that production day at a reduced price arrived at by multiplying the contract unit price by the pay factor as shown in Table IV.

TABLE IV - SLIDING SCALE PAY FACTOR	
Percent Compaction	Percent Payment
>97	Removal
97	95
91 – 96	100
90	90
<90	Removal

END OF SECTION

accepted asphaltum paint Cut the existing pipe collar or install a new pipe collar. Reinstall the frame and cover and pour the four inch thick concrete.

604.04 Method of Measurement. The Engineer will measure manholes, inlets, and catch basins per each.

The Engineer will measure valve boxes per each complete in place.

The depth measurement for new structures shall be the vertical measurement from the invert elevation to the top of the deck slab, grating, or manhole cover.

For reconstructed structures, the depth measurement shall be the vertical measurement from the beginning of reconstruction shown in the contract to the top of the deck slab, grating, or manhole cover.

604.05 Basis of Payment. The Engineer will pay for the accepted manholes, inlets, catch basins, and valve boxes at the contract unit price per each complete in place.

The price includes full compensation for furnishing and installing frames and grates, frames and covers, and rungs; adjusting or demolishing; excavating and backfilling; placing concrete; furnishing and installing reinforcing steel, brick, precast concrete, precast reinforced concrete walls, including the cone or tapered sections and cast-in-place walls vertically ; furnishing materials, equipment, tools, labor and other incidentals necessary to complete the work.

The Engineer will make payment under:

Pay Item	Pay Unit
(_____) Standard Valve Box	Each
Type _____ Manholes, _____ feet to _____ feet	Each
Type _____ Inlet, _____ feet to _____ feet	Each
Type _____ Catch Basins, _____ feet to _____ feet	Each
Adjusting _____ Manhole, _____ feet to _____ feet	Each
Adjusting _____ Frame and Cover	Each"
Repair Catch Basin Curb Opening	Each"

END OF SECTION

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604-5a

r11/15/02

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
209.0100	Water Pollution And Erosion Control	FA	FA	FA	\$50,000.00
312.1110	Plant Mix Glassphalt Concrete Base Course	345	TON	\$ _____	\$ _____
401.0400	Asphalt Concrete Pavement, Mix No. IV	2,880	TON	\$ _____	\$ _____
604.0001	Repair Catch Basin Curb Opening	2	EACH	\$ _____	\$ _____
604.4260	Adjust 20-inch Cast Iron Frame and Cover for Water Manhole	2	EACH	\$ _____	\$ _____
604.4300	Adjust Cast Iron Frame and Cover for Sewer Manhole	4	EACH	\$ _____	\$ _____
604.4550	Adjust Water Valve Box Frame and Cover	5	EACH	\$ _____	\$ _____
604.4551	Adjust Water Meter Box Frame and Cover	1	EACH	\$ _____	\$ _____
604.4552	Adjust Traffic Light Call Box (TLCB) Frame and Cover	1	EACH	\$ _____	\$ _____
608.0100	Concrete Sidewalk	155	SY	\$ _____	\$ _____

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PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
609.2020	Curb, Type 2D	75	LF	\$ _____	\$ _____
609.6000	Bituminous Curb, Type 6	130	LF	\$ _____	\$ _____
614.0110	Adjust Standard Street Survey Monuments	1	EACH	\$ _____	\$ _____
621.0200	Panel for Destination Sign	41	SF	\$ _____	\$ _____
621.1210	Reflector Marker (Rm-3)	4	EACH	\$ _____	\$ _____
621.4030	Breakaway Steel Post S3x5.7 and Foundation for Ground Mounted Destination Signs (D-1 & D-2)	4	EACH	\$ _____	\$ _____
621.5000	Regulatory And Warning Signs (10 Sq. Ft. Or Less)	34	EACH	\$ _____	\$ _____
621.5100	Regulatory And Warning Signs (10 Sq. Ft. Or Less) With Post	33	EACH	\$ _____	\$ _____
621.7100	Construction Sign With Two Posts	8	EACH	\$ _____	\$ _____
621.8000	Type II Object Marker	50	EACH	\$ _____	\$ _____
623.7041	Loop Detector Sensing Unit (6ft. X 6ft.) One Loop	18	EACH	\$ _____	\$ _____

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PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.7042	Loop Detector Sensing Unit (6ft. X 6ft.) Two Loops	10	EACH	\$ _____	\$ _____
623.7044	Loop Detector Sensing Unit (6ft. X 6ft.) Four Loops	3	EACH	\$ _____	\$ _____
623.7045	Loop Detector Sensing Unit (6ft. X 6ft.) Five Loops	1	EACH	\$ _____	\$ _____
623.7046	Loop Detector Sensing Unit (6ft. X 6ft.) Six Loops	1	EACH	\$ _____	\$ _____
629.1011	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion) (640 LF)	LS	LS	LS	\$ _____
629.1012	4-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion) (6,570 LF)	LS	LS	LS	\$ _____
629.1013	4-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion) (1,270 LF)	LS	LS	LS	\$ _____
629.1014	8-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion) (130 LF)	LS	LS	LS	\$ _____
629.1015	8-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion) (1,250 LF)	LS	LS	LS	\$ _____

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PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1016	12-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion) (470 LF)	LS	LS	LS	\$ _____
629.1017	12-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion) (495 LF)	LS	LS	LS	\$ _____
629.1018	Double 4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion) (2,070 LF)	LS	LS	LS	\$ _____
629.1019	Double 4-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion) (1,450 LF)	LS	LS	LS	\$ _____
692.1021	Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion)	37	LANE	\$ _____	\$ _____
629.1031	Pavement Arrow, Single (Tape, Type III or Thermoplastic Extrusion)	36	EACH	\$ _____	\$ _____
629.1032	Pavement Arrow, Double (Tape, Type III or Thermoplastic Extrusion)	9	EACH	\$ _____	\$ _____
629.1041	Pavement Word (Tape, Type III or Thermoplastic Extrusion)	11	EACH	\$ _____	\$ _____

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PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.2010	Type A Pavement Marker (420 Each)	LS	LS	LS	\$ _____
629.2030	Type C Pavement Marker (270 Each)	LS	LS	LS	\$ _____
692.2040	Type D Pavement Marker (210 Each)	LS	LS	LS	\$ _____
629.2070	Type H Pavement Marker (60 Each)	LS	LS	LS	\$ _____
629.2080	Type DB Pavement Marker (32 Each)	LS	LS	LS	\$ _____
645.0100	Additional Police Officers And/Or Additional Traffic Control Devices	FA	FA	FA	\$50,000.00
650.0001	Curb Ramp No. 1	1	EACH	\$ _____	\$ _____
650.0002	Curb Ramp No. 2	1	EACH	\$ _____	\$ _____
650.0003	Curb Ramp No. 3	1	EACH	\$ _____	\$ _____
650.0004	Curb Ramp No. 4	1	EACH	\$ _____	\$ _____
650.0005	Curb Ramp No. 5	1	EACH	\$ _____	\$ _____
650.0006	Curb Ramp No. 6	1	EACH	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
650.0007	Curb Ramp No. 7	1	EACH	\$ _____	\$ _____
650.0008	Curb Ramp No. 8	1	EACH	\$ _____	\$ _____
650.0009	Curb Ramp No. 9	1	EACH	\$ _____	\$ _____
650.0010	Curb Ramp No. 10	1	EACH	\$ _____	\$ _____
650.0011	Curb Ramp No. 11	1	EACH	\$ _____	\$ _____
650.0012	Curb Ramp No. 12	1	EACH	\$ _____	\$ _____
650.0013	Curb Ramp No. 13	1	EACH	\$ _____	\$ _____
650.0014	Curb Ramp No. 14	1	EACH	\$ _____	\$ _____
650.0015	Curb Ramp No. 15	1	EACH	\$ _____	\$ _____
650.0016	Curb Ramp No. 16	1	EACH	\$ _____	\$ _____
650.0017	Curb Ramp No. 17	1	EACH	\$ _____	\$ _____
650.0018	Curb Ramp No. 18	1	EACH	\$ _____	\$ _____

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PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
650.0019	Curb Ramp No. 19	1	EACH	\$ _____	\$ _____
650.0020	Curb Ramp No. 20	1	EACH	\$ _____	\$ _____
650.0021	Curb Ramp No. 21	1	EACH	\$ _____	\$ _____
651.0100	Excavation for Reconstruction of Weaken Pavement Areas	210	CY	\$ _____	\$ _____
652.1000	Cold Planing	20,320	SY	\$ _____	\$ _____
699.1000	Mobilization (Not to Exceed 10% of the Sum of All Items Excluding the Bid Price of this Item and Force Account Items)	LS	LS	LS	\$ _____

Sum Of All Items

\$ _____

NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.