

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 1

FOR

PIILANI HIGHWAY INTERIM WIDENING,
MOKULELE HIGHWAY TO KILOHANA DRIVE

PROJECT NO. 31AB-01-02

DISTRICTS OF WAILUKU AND MAKAWAO

ISLAND OF MAUI

FY 2002

The following amendments shall be made to the Bid Documents:

A. SPECIAL PROVISIONS

1. SECTION 104 – SCOPE OF WORK. Add the following:

“104.11 Availability of Funds. The State has appropriated an allocation of funds for this project. The State reserves the right to decrease the scope of work as deemed necessary to be within the available funds.

The ‘Sum of All Items’ as indicated in the Proposal Schedule shall be the criteria used to determine whether the Engineer will decrease the scope of work.

The Engineer will make the decrease in the scope of work by decreasing the length of project starting from Baseline Station 85+00.

The Contract Completion Time may be adjusted accordingly.”

B. PROPOSAL SCHEDULE

1. Replace Proposal Schedule Pages P-11 thru P-18 dated 5/01/02 with the attached Proposal Schedule Pages P-11 thru P-18 dated 5/22/02. Any changes, deletions, or additions to the original proposal schedule items are denoted by an asterisk (*) in the left margin.

C. PLANS

1. Replace Plan Sheets 12, 17, 29 thru 32, 57 thru 60, 63 thru 65, and 90 thru 91 with the attached Plan Sheets ADD.12, ADD.17, ADD.29 thru ADD.32, ADD.57 thru ADD.60, ADD.63 thru ADD.65, and ADD.90 thru ADD.91.
2. Plan Sheet No. 38.
 - a. Construction Note, Baseline Station 549+00 $\pm$ o/s 67' $\pm$ Rt.:
Replace "123 LF 24" RCP Drain Line" with "123 LF 24" Drain Line".
3. Plan Sheet No. 52.
 - a. PROFILE – 24" DRAINLINE, INTERSECTION OF PIILANI HIGHWAY AND MOI ST.:
Replace "123 LF 24" RCP Drain Line @ S=0.42%" with "123 LF 24" Drain Line @ S=0.42%".
 - b. PROFILE – 24" DRAINLINE, INTERSECTION OF PIILANI HIGHWAY AND MOI ST.:
Replace "24" RCP Drain Line Invert" with "24" Drain Line Invert".
 - c. PROFILE – 24" DRAINLINE, INTERSECTION OF PIILANI HIGHWAY AND OHUKAI ST.:
Replace "27 LF 24" RCP Drain Line @ S=1.5%" with "27 LF 24" Drain Line @ S=1.5%".
 - d. PROFILE – 24" DRAINLINE, INTERSECTION OF PIILANI HIGHWAY AND KAONOULU ST.:
Replace "116 LF 24" RCP Drain Line @ S=0.91%" with "116 LF 24" Drain Line @ S=0.91%".
 - e. PROFILE – 24" DRAINLINE, INTERSECTION OF PIILANI HIGHWAY AND KAONOULU ST.:
Replace "86 LF 24" RCP Drain Line @ S=8.86%" with "86 LF 24" Drain Line @ S=8.86%".
 - f. PROFILE – 24" DRAINLINE, INTERSECTION OF PIILANI HIGHWAY AND KAONOULU ST.:
Replace "36 LF 24" RCP Drain Line @ S=19.0%" with "36 LF 24" Drain Line @ S=19.0%".
 - g. PROFILE – 24" DRAINLINE, INTERSECTION OF PIILANI HIGHWAY AND KAONOULU ST.:
Replace "24" RCP Drain Line Invert" with "24" Drain Line Invert".

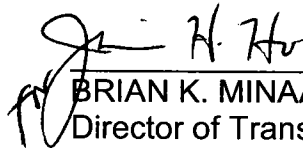
4. Plan Sheet No. 53.

- a. PROFILE – 24" DRAINLINE, PIILANI HIGHWAY BASELINE STA. 682+97 TO BASELINE STA. 689+00:
Replace "480 LF 24" RCP Drain Line @ S=1.24%" with "480 LF 24" Drain Line @ S=1.24%".
- b. PROFILE – 24" DRAINLINE, PIILANI HIGHWAY BASELINE STA. 682+97 TO BASELINE STA. 689+00:
Replace "24" RCP Drain Line Invert" with "24" Drain Line Invert".
- c. PROFILE – 24" DRAINLINE, PIILANI HIGHWAY BASELINE STA. 682+97 TO BASELINE STA. 689+00:
Replace "193 LF 24" RCP Drain Line @ S=1.02%" with "193 LF 24" Drain Line @ S=1.02%".
- d. PROFILE – 24" DRAINLINE, PIILANI HIGHWAY BASELINE STA. 682+97 TO BASELINE STA. 689+00:
Replace "21 LF 24" RCP Drain Line @ S=2.11%" with "21 LF 24" Drain Line @ S=2.11%".

4. Plan Sheet No. 54.

- a. SWALE/DRAIN INLET BOX, SECTION A-A and PIPE PENETRATION DETAIL:
Replace "C 24" RCP" with "C 24" Drain".

Please acknowledge receipt of the Addendum No. 1 by recording the date of its receipt in the space provided on page P-4 of the Proposal.


BRIAN K. MINAAI
Director of Transportation

PROPOSAL SCHEDULE

	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
* 202.0400	Removal of Traffic Island (421 S.Y.)	L.S.	L.S.	L.S.	\$ _____
202.0410	Removal of Drain Inlet (3 Each)	L.S.	L.S.	L.S.	\$ _____
203.0100	Roadway Excavation	150	C.Y.	\$ _____	\$ _____
* 206.2020	Structure Excavation for Cement Rubble Masonry Headwall (51 C.Y.)	L.S.	L.S.	L.S.	\$ _____
* 206.2030	Structure Excavation for 24-inch Drain Line (890 C.Y.)	L.S.	L.S.	L.S.	\$ _____
* 206.7000	Structure Backfill for Cement Rubble Masonry Headwall (15 C.Y.)	L.S.	L.S.	L.S.	\$ _____
209.0100	Water Pollution and Erosion Control	F.A.	F.A.	F.A.	\$75,000.00
211.0100	Archaeological Monitoring	F.A.	F.A.	F.A.	\$10,000.00
* 304.1110	Aggregate Base	1,404	C.Y.	\$ _____	\$ _____
* 305.1110	Aggregate Subbase	680	C.Y.	\$ _____	\$ _____
* 401.0400	Asphalt Concrete, Mix No. IV	25,823	TONS	\$ _____	\$ _____
* 503.0030	Concrete in Reinforced Concrete Jacket for 36-inch Waterline (Class B) (14 C.Y.)	L.S.	L.S.	L.S.	\$ _____
508.0100	Cement Rubble Masonry Headwall (15 C.Y.)	L.S.	L.S.	L.S.	\$ _____
* 603.0010	Bed Course Material for Drain Line	102	C.Y.	\$ _____	\$ _____

31AB-01-02

r5/22/02

P-11

PROPOSAL SCHEDULE

	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
* 603.1010	24-Inch Drain Line	1,082	L.F.	\$ _____	\$ _____
604.0300	Grated Inlet Box, 4.00 feet to 4.99 feet	4	EA	\$ _____	\$ _____
604.0400	Type 1 Storm Drain Manhole, 4 feet to 4.99 feet	11	EA	\$ _____	\$ _____
604.0410	Type 1 Storm Drain Manhole, 5 feet to 5.99 feet	22	EA	\$ _____	\$ _____
604.0420	Type 1 Storm Drain Manhole, 6 feet to 6.99 feet	5	EA	\$ _____	\$ _____
604.0430	Type 1 Storm Drain Manhole, 7 feet to 7.99 feet	1	EA	\$ _____	\$ _____
604.0440	Type 1 Storm Drain Manhole, 8 feet to 8.99 feet	1	EA	\$ _____	\$ _____
604.0450	Type 1 Storm Drain Manhole, 10 feet to 10.99 feet	1	EA	\$ _____	\$ _____
* 604.0460	Type 1 Storm Drain Manhole, 12 feet to 12.99 feet	1	EA	\$ _____	\$ _____
604.0500	Type A Storm Drain Manhole, 4 feet to 4.99 feet	1	EA	\$ _____	\$ _____
604.0510	Type A Storm Drain Manhole, 6 feet to 6.99 feet	2	EA	\$ _____	\$ _____
* 604.0600	Swale/Drain Inlet Box, 3 feet to 3.99 feet	1	EA	\$ _____	\$ _____
* 604.0610	Swale/Drain Inlet Box, 4 feet to 4.99 feet	1	EA	\$ _____	\$ _____
* 604.0620	Swale/Drain Inlet Box, 5 feet to 5.99 feet	2	EA	\$ _____	\$ _____

31AB-01-02

r5/22/02

P-12

PROPOSAL SCHEDULE

	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
* 606.0100	Strong Post W-Beam Guardrail	4,904	L.F.	\$ _____	\$ _____
606.0200	Double Nested Thrie Beam	200	L.F.	\$ _____	\$ _____
* 606.0300	FLEAT-350	18	EA	\$ _____	\$ _____
* 606.0400	Reset Guardrail	10,178	L.F.	\$ _____	\$ _____
* 608.1300	Concrete Traffic Island	436	S.Y.	\$ _____	\$ _____
* 609.2010	Curb for Traffic Islands, Type 2D	1,370	L.F.	\$ _____	\$ _____
611.0100	Hand-Laid Riprap	6	C.Y.	\$ _____	\$ _____
617.0100	Imported Planting Soil for Landscape Medians	9	C.Y.	\$ _____	\$ _____
618.0100	Grassed Surfaces for Landscape Medians (230 S.F.)	L.S.	L.S.	L.S.	\$ _____
* 621.4110	Reflector Marker RM-3 without Post	80	EA	\$ _____	\$ _____
621.4120	Reflector Marker RM-4 with Post	2	EA	\$ _____	\$ _____
* 621.5000	Regulatory and Warning Sign (10 Square Feet or Less) with Post	84	EA	\$ _____	\$ _____
* 621.5110	Regulatory and Warning Sign (10 Square Feet or Less) without Post	42	EA	\$ _____	\$ _____
621.8010	Relocation of Existing Sign	33	EA	\$ _____	\$ _____

31AB-01-02

r5/22/02

P-13

PROPOSAL SCHEDULE

	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.2008	Type I Traffic Signal Standard, H=10 Feet	14	EACH	\$ _____	\$ _____
623.2016	Remove Type I Signal Standard and Assembly	12	EACH	\$ _____	\$ _____
623.2021	Type II Traffic Signal Standard, 30 Foot Mast Arm	4	EACH	\$ _____	\$ _____
623.2022	Type II Traffic Signal Standard, 35 Foot Mast Arm	3	EACH	\$ _____	\$ _____
623.2023	Type II Traffic Signal Standard, 40 Foot Mast Arm	1	EACH	\$ _____	\$ _____
623.2024	Type II Traffic Signal Standard, 45 Foot Mast Arm	1	EACH	\$ _____	\$ _____
623.2029	Remove Type II Signal Standard and Assembly	8	EACH	\$ _____	\$ _____
623.2031	Foundation for Type I Signal Standard	14	EACH	\$ _____	\$ _____
623.2032	Foundation for Type II Signal Standard	9	EACH	\$ _____	\$ _____
623.4101	Traffic Signal Assembly, (1-Way, 12-Inch, 3-Section , Top of Pole Mount)	4	EACH	\$ _____	\$ _____
623.4102	Traffic Signal Assembly, (2-Way, 12-Inch, 3-Section , Top of Pole Mount)	10	EACH	\$ _____	\$ _____
623.4103	Traffic Signal Assembly, (1-Way, 12-Inch, 3-Section , Bracket Mount)	2	EACH	\$ _____	\$ _____
623.4104	Traffic Signal Assembly, (1-Way, 12-Inch, 3-Section , Mast Arm Mount)	20	EACH	\$ _____	\$ _____
623.4105	Pedestrian Signal Assembly, (1-Way, 12-Inch, Bracket Mount)	23	EACH	\$ _____	\$ _____

31AB-01-02

r5/22/02

P-14

PROPOSAL SCHEDULE

	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.4107	Pedestrian Pushbutton With Instruction Sign	26	EACH	\$ _____	\$ _____
623.4108	Opticom Receiver, (Top of Pole Mount)	7	EACH	\$ _____	\$ _____
623.4109	Opticom Receiver, (Mast Arm Mount)	11	EACH	\$ _____	\$ _____
623.5001	Traffic Signal Ductline, One-2 Inch Conduit (7,120 L.F.)	L.S.	L.S.	L.S.	\$ _____
623.5002	Traffic Signal Ductline, Two-2 Inch Conduit (80 L.F.)	L.S.	L.S.	L.S.	\$ _____
623.5003	Traffic Signal Ductline, Three-2 Inch Conduit (160 L.F.)	L.S.	L.S.	L.S.	\$ _____
623.5004	Traffic Signal Ductline, Four-2 Inch Conduit (1,070 L.F.)	L.S.	L.S.	L.S.	\$ _____
* 623.5006	Traffic Signal Ductline, Six-2 Inch Conduit (130 L.F.)	L.S.	L.S.	L.S.	\$ _____
623.6001	Traffic Signal Conduit, One-2 Inch PVC Coated Rigid Steel (150 L.F.)	L.S.	L.S.	L.S.	\$ _____
623.6021	Type A Pullbox	50	EACH	\$ _____	\$ _____
623.6022	Type B Pullbox	24	EACH	\$ _____	\$ _____
623.6030	Cast Junction Box, 18"x18"x8"	2	EACH	\$ _____	\$ _____
623.6040	Adjust Traffic Signal Pullbox	2	EACH	\$ _____	\$ _____
623.6050	Demolish Traffic Signal Pullbox	23	EACH	\$ _____	\$ _____

31AB-01-02

r5/22/02

P-15

PROPOSAL SCHEDULE

	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.7010	No. 14, 26-Conductor Traffic Control Cable (1,710 L.F.)	L.S.	L.S.	L.S.	\$ _____
623.7011	No. 14, 2-Conductor Loop Detector Lead-In Cable (4,900 L.F.)	L.S.	L.S.	L.S.	\$ _____
623.7012	No. 14, 2-Conductor Pedestrian Pushbutton Cable (3,000 L.F.)	L.S.	L.S.	L.S.	\$ _____
623.7017	EVP Cable (2,060 L.F.)	L.S.	L.S.	L.S.	\$ _____
623.7019	No. 19, 24-Conductor Interconnect Cable, 300 Volt (6,830 L.F.)	L.S.	L.S.	L.S.	\$ _____
623.7020	No. 6, 3-Conductor Electrical Service Cable (230 L.F.)	L.S.	L.S.	L.S.	\$ _____
623.7104	Loop Detector Sensing Unit (6 Ft. x 6 Ft.), One Loop	20	EACH	\$ _____	\$ _____
623.7105	Loop Detector Sensing Unit (6 Ft. x 6 Ft.), Two Loops	20	EACH	\$ _____	\$ _____
623.7106	Loop Detector Sensing Unit (6 Ft. x 6 Ft.), Four Loops	8	EACH	\$ _____	\$ _____
623.7107	Loop Detector Sensing Unit (6 Ft. x 6 Ft.), Six Loops	8	EACH	\$ _____	\$ _____
623.8001	Controller Reprogramming and Software	L.S.	L.S.	L.S.	\$ _____
629.1010	12-Inch White Pavement Striping (Thermoplastic Extrusion) (2,090 L.F.)	L.S.	L.S.	L.S.	\$ _____
629.1011	12-Inch Yellow Pavement Striping (Thermoplastic Extrusion) (2,760 L.F.)	L.S.	L.S.	L.S.	\$ _____
629.1012	8-Inch White Pavement Striping (Thermoplastic Extrusion) (7,880 L.F.)	L.S.	L.S.	L.S.	\$ _____

31AB-01-02

r5/22/02

P-16

PROPOSAL SCHEDULE

	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1013	6-Inch White Pavement Striping (Thermoplastic Extrusion) (60,800 L.F.)	L.S.	L.S.	L.S.	\$ _____
* 629.1014	4-Inch White Pavement Striping (Thermoplastic Extrusion) (19,063 L.F.)	L.S.	L.S.	L.S.	\$ _____
* 629.1015	4-Inch Dbl. Yellow Pavement Striping (Thermoplastic Extrusion) (34,140 L.F.)	L.S.	L.S.	L.S.	\$ _____
629.1020	Crosswalk Marking (Thermoplastic Extrusion)	65	LANE	\$ _____	\$ _____
629.1025	Yield Pavement Marking (Thermoplastic Extrusion)	25	LANE	\$ _____	\$ _____
629.1030	Pavement Arrow (Thermoplastic Extrusion)	129	EA	\$ _____	\$ _____
629.1040	Pavement Word (Thermoplastic Extrusion)	14	EA	\$ _____	\$ _____
* 629.1050	Bike Pavement Marking (Thermoplastic Extrusion)	74	EA	\$ _____	\$ _____
* 629.2010	Type A Pavement Marker (6,048 Each)	L.S.	L.S.	L.S.	\$ _____
* 629.2030	Type C Pavement Marker (4,267 Each)	L.S.	L.S.	L.S.	\$ _____
* 629.2040	Type D Pavement Marker (996 Each)	L.S.	L.S.	L.S.	\$ _____
* 629.2070	Type H Pavement Marker (873 Each)	L.S.	L.S.	L.S.	\$ _____
629.3000	Removal of Existing Pavement Markings	L.S.	L.S.	L.S.	\$ _____
636.0100	Field Office and Project Site Laboratory (Not to Exceed \$54,000.00)	L.S.	L.S.	L.S.	\$ _____

31AB-01-02

r5/22/02

P-17

PROPOSAL SCHEDULE

	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
636.2000	Maintenance of Field Office and Project Site Laboratory	F.A.	F.A.	F.A.	\$10,000.00
641.0100	Hydro-mulch Seeding	2,950	S.F.	\$ _____	\$ _____
642.0100	Grass Trapezoidal Type "A" Swale (660 L.F.)	L.S.	L.S.	L.S.	\$ _____
642.0200	Grass Triangular Type "B" Swale (2,430 L.F.)	L.S.	L.S.	L.S.	\$ _____
642.0300	Soil Cement Triangular Type "C" Swale (715 L.F.)	L.S.	L.S.	L.S.	\$ _____
642.0400	Concrete Rectangular Type "D" Swale (3,150 L.F.)	L.S.	L.S.	L.S.	\$ _____
642.0500	Concrete Triangular Type "E" Swale (95 L.F.)	L.S.	L.S.	L.S.	\$ _____
642.0600	Grouted Rubble Paving Triangular Type "F" Swale (230 L.F.)	L.S.	L.S.	L.S.	\$ _____
645.1000	Additional Police Officers And/Or Additional Traffic Control Devices	F.A.	F.A.	F.A.	\$125,000.00
* 652.0100	Cold Planing	25,787	S.Y.	\$ _____	\$ _____
699.1000	Mobilization (Not to Exceed 10 Percent of the Sum of All Items Excluding the Bid Price of This Item, Field Office and Project Site Laboratory, and Force Account Items.	L.S.	L.S.	L.S.	\$ _____
Sum of All Items					\$ _____
NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.					

31AB-01-02

r5/22/02

P-18