

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

**ADDENDUM NO. 3
for
HONOAPIILANI HIGHWAY RESURFACING
KEANU STREET TO KUIHELANI HIGHWAY
FEDERAL-AID PROJECT NO. NH-030-1(056)
DISTRICT OF WAILUKU
ISLAND OF MAUI
2019**

This Addendum shall make the following amendments to the Bid Documents:

A. SPECIFICATIONS

1. Replace page 606-1a dated 7/1/18 and pages 631-1a to 631-2a dated 7/1/18 with the attached page 606-1a r10/10/19 and pages 631-1a to 631-2a dated r10/10/19.

B. FEDERAL WAGE RATES

1. Replace Federal Wages dated 9/20/19 with the attached Federal Wage Rates dated 10/04/19

C. PROPOSAL

1. Replace Proposal Schedule pages P-8 to P-12 dated 7/18/2019 with the attached pages P-8 to P-12 dated r10/10/2019.

D. PLANS


Replace Plan Sheet 18, 20, and 23 with the attached plan sheet ADD. 18, ADD. 20, and ADD. 23. Add plan sheet ADD.14S-1, ADD. 14S-2 and ADD.30S-1dated 10/9/2019

The following is provided for information:

E. RFI AND RESPONSES

1. See Attached RFI and Responses

Please acknowledge receipt of this Addendum No. 3 by recording the date of its receipt in the space provided on page P-4 of the Proposal.


for _____
JADE T. BUTAY
Director of Transportation

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(I) Amend 606.04 - Measurement by replacing lines 116 to 118 to read:

The Engineer will measure from center to center of end posts. If the Contractor makes end connections to masonry or steel structures, the Engineer will measure to the face of such structures.

The Engineer may measure end anchorage, terminal section and transition section:

- The Engineer will measure resetting existing guardrail per linear foot from end to end."

"606.05 Payment. The Engineer will pay for the accepted pay items listed below at 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.

| Pay Item | Pay Unit |
|--------------------------------|--------------|
| Guardrail Type ____ | Linear Foot |
| Terminal Section Type ____ | Each |
| Reset Guardrail | Linear Foot |
| MGS W-Beam Guardrail and Block | Linear Foot" |

NH-030-1(056)
606-1a

Addendum No. 3
r10/10/19

1 **SECTION 631 – TRAFFIC CONTROL, REGULATORY, WARNING, AND**
2 **MISCELLANEOUS SIGNS**

3
4 Make the following amendment to said Section:

5
6 (I) Amend Section 631.03(C) Labeling of Signs, from lines 42 to 51 to read:

7
8 **"(C) Labeling of Signs.** Label back of each sign with sign stickers as
9 directed by the State. Sign stickers will be provided by the State."
10

11 (II) Amend Section 631.04 – Measurement by replacing lines 67 to 69 to read:

12
13 **"631.04 Measurement.** The Engineer will measure regulatory, warning,
14 and miscellaneous signs as complete units of the type and design specified in
15 the proposal.
16

17 The Engineer will not measure removal and disposal and storing of existing and
18 temporary signs that the Contractor will not incorporate in the completed highway
19 for payment."
20

21 (III) Amend Section 631.05 – Payment by replacing lines 71 to 99 to read as
22 follows:

23
24 **"631.05 Payment.** The Engineer will pay for regulatory, warning, and
25 miscellaneous signs at the contract price per each for the type and design
26 specified complete in place. Payment will be full compensation for excavating
27 and backfilling, furnishing and installing materials, furnishing equipment, tools,
28 labors and incidentals necessary to complete the work.
29

30 The Engineer will not pay for removing and disposing or storing of existing
31 and temporary signs that the Contractor will not incorporate in the completed
32 highway separately. The Engineer will consider them incidental to the various
33 contract items.
34

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

37

| 38 Pay Item | Pay Unit |
|---|----------|
| 39 | |
| 40 Regulatory Sign (10 Square Feet or Less) | Each |
| 41 | |
| 42 Regulatory Sign (More than 10 Square Feet) | Each |
| 43 | |
| 44 Warning Sign (10 Square Feet or Less) | Each |
| 45 | |
| 46 Construction Sign With Post | Each |
| 47 | |

48 Miscellaneous Sign (10 Sq. Ft. or less) with post
49
50

Each

"General Decision Number: HI20190001 10/04/2019

Superseded General Decision Number: HI20180001

State: Hawaii

Construction Types: Building, Heavy (Heavy and Dredging),
Highway and Residential

Counties: Hawaii Statewide.

BUILDING CONSTRUCTION PROJECTS; RESIDENTIAL CONSTRUCTION
PROJECTS (consisting of single family homes and apartments up
to and including 4 stories); HEAVY AND HIGHWAY CONSTRUCTION
PROJECTS AND DREDGING

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth

in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

| Modification Number | Publication Date |
|---------------------|------------------|
| 0 | 01/04/2019 |
| 1 | 01/18/2019 |
| 2 | 01/25/2019 |
| 3 | 02/01/2019 |
| 4 | 02/22/2019 |
| 5 | 03/01/2019 |
| 6 | 05/31/2019 |
| 7 | 07/26/2019 |
| 8 | 09/20/2019 |
| 9 | 10/04/2019 |

ASBE0132-001 08/31/2015

| | |
|-------|---------|
| Rates | Fringes |
|-------|---------|

Asbestos Workers/Insulator

Includes application of
all insulating materials,
protective coverings,
coatings and finishes to
all types of mechanical
systems. Also the
application of
firestopping material for

wall openings and
penetrations in walls,
floors, ceilings and
curtain walls.....\$ 39.65 23.50

BOIL0627-005 01/01/2013

| | Rates | Fringes |
|------------------|----------|---------|
| BOILERMAKER..... | \$ 35.20 | 27.35 |

BRHI0001-001 01/01/2019

| | Rates | Fringes |
|--|----------|---------|
| BRICKLAYER | | |
| Bricklayers and Stonemasons.. | \$ 43.66 | 24.32 |
| Pointers, Caulkers and Weatherproofers..... | \$ 43.60 | 24.32 |

BRHI0001-002 09/04/2018

| | Rates | Fringes |
|---|----------|---------|
| Tile, Marble & Terrazzo Worker | | |
| Terrazzo Base Grinders..... | \$ 39.89 | 28.11 |
| Terrazzo Floor Grinders and Tenders..... | \$ 38.34 | 28.11 |
| Tile, Marble and Terrazzo Workers..... | \$ 41.70 | 28.11 |

CARP0745-001 09/03/2018

| | Rates | Fringes |
|----------------------------|-------|---------|
| Carpenters: | | |
| Carpenters; Hardwood Floor | | |

| | | |
|-------------------------|----------|-------|
| Layers; Patent Scaffold | | |
| Erectors (14 ft. and | | |
| over); Piledrivers; | | |
| Pneumatic Nailers; Wood | | |
| Shinglers and Transit | | |
| and/or Layout Man..... | \$ 49.45 | 21.75 |
| Millwrights and Machine | | |
| Erectors..... | \$ 49.70 | 21.75 |
| Power Saw Operators (2 | | |
| h.p. and over)..... | \$ 49.60 | 21.75 |

CARP0745-002 09/03/2018

| | Rates | Fringes |
|--------------------------|----------|---------|
| Drywall and Acoustical | | |
| Workers and Lathers..... | \$ 49.70 | 21.75 |

ELEC1186-001 08/26/2019

| | Rates | Fringes |
|------------------------------|----------|---------|
| Electricians: | | |
| Cable Splicers..... | \$ 55.88 | 22.88 |
| Electricians..... | \$ 50.80 | 22.03 |
| Telecommunication worker.... | \$ 31.69 | 12.49 |

ELEC1186-002 08/26/2019

| | Rates | Fringes |
|------------------------------|----------|---------|
| Line Construction: | | |
| Cable Splicers..... | \$ 55.88 | 22.88 |
| Groundmen/Truck Drivers..... | \$ 38.10 | 19.93 |
| Heavy Equipment Operators... | \$ 45.72 | 21.19 |
| Linemen..... | \$ 50.80 | 22.03 |
| Telecommunication worker.... | \$ 31.69 | 12.49 |

 ELEV0126-001 01/01/2019

| | Rates | Fringes |
|------------------------|----------|---------|
| ELEVATOR MECHANIC..... | \$ 59.20 | 33.705 |

a. VACATION: Employer contributes 8% of basic hourly rate for 5 years service and 6% of basic hourly rate for 6 months to 5 years service as vacation pay credit.

b. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day and Christmas Day.

 ENGI0003-002 09/03/2018

| | Rates | Fringes |
|-------------------------------|----------|---------|
| Diver (Aqua Lung) (Scuba) | | |
| Diver (Aqua Lung) (Scuba) | | |
| (over a depth of 30 feet)... | \$ 66.00 | 31.26 |
| Diver (Aqua Lung) (Scuba) | | |
| (up to a depth of 30 feet)... | \$ 56.63 | 31.26 |
| Stand-by Diver (Aqua Lung) | | |
| (Scuba)..... | \$ 47.25 | 31.26 |
| Diver (Other than Aqua Lung) | | |
| Diver (Other than Aqua | | |
| Lung)..... | \$ 66.00 | 31.26 |
| Diver Tender (Other than | | |
| Aqua Lung)..... | \$ 44.22 | 31.26 |
| Stand-by Diver (Other than | | |
| Aqua Lung)..... | \$ 47.25 | 31.26 |
| Helicopter Work | | |
| Airborne Hoist Operator | | |
| for Helicopter..... | \$ 45.80 | 31.26 |

| | | |
|---|----------|-------|
| Co-Pilot of Helicopter..... | \$ 45.98 | 31.26 |
| Pilot of Helicopter..... | \$ 46.11 | 31.26 |
| Power equipment operator - tunnel work | | |
| GROUP 1..... | \$ 42.24 | 31.26 |
| GROUP 2..... | \$ 42.35 | 31.26 |
| GROUP 3..... | \$ 42.52 | 31.26 |
| GROUP 4..... | \$ 42.79 | 31.26 |
| GROUP 5..... | \$ 43.10 | 31.26 |
| GROUP 6..... | \$ 43.75 | 31.26 |
| GROUP 7..... | \$ 44.07 | 31.26 |
| GROUP 8..... | \$ 44.18 | 31.26 |
| GROUP 9..... | \$ 44.29 | 31.26 |
| GROUP 9A..... | \$ 44.52 | 31.26 |
| GROUP 10..... | \$ 44.58 | 31.26 |
| GROUP 10A..... | \$ 44.73 | 31.26 |
| GROUP 11..... | \$ 44.88 | 31.26 |
| GROUP 12..... | \$ 45.24 | 31.26 |
| GROUP 12A..... | \$ 45.60 | 31.26 |
| Power equipment operators: | | |
| GROUP 1..... | \$ 41.94 | 31.26 |
| GROUP 2..... | \$ 42.05 | 31.26 |
| GROUP 3..... | \$ 42.22 | 31.26 |
| GROUP 4..... | \$ 42.49 | 31.26 |
| GROUP 5..... | \$ 42.80 | 31.26 |
| GROUP 6..... | \$ 43.45 | 31.26 |
| GROUP 7..... | \$ 43.77 | 31.26 |
| GROUP 8..... | \$ 43.88 | 31.26 |
| GROUP 9..... | \$ 43.99 | 31.26 |
| GROUP 9A..... | \$ 44.22 | 31.26 |
| GROUP 10..... | \$ 44.28 | 31.26 |
| GROUP 10A..... | \$ 44.43 | 31.26 |
| GROUP 11..... | \$ 44.58 | 31.26 |
| GROUP 12..... | \$ 44.94 | 31.26 |
| GROUP 12A..... | \$ 45.30 | 31.26 |
| GROUP 13..... | \$ 42.22 | 31.26 |
| GROUP 13A..... | \$ 42.49 | 31.26 |

| | | |
|----------------|----------|-------|
| GROUP 13B..... | \$ 42.80 | 31.26 |
| GROUP 13C..... | \$ 43.45 | 31.26 |
| GROUP 13D..... | \$ 43.77 | 31.26 |
| GROUP 13E..... | \$ 43.88 | 31.26 |

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Fork Lift (up to and including 10 tons); Partsman (heavy duty repair shop parts room when needed).

GROUP 2: Conveyor Operator (Handling building material); Hydraulic Monitor; Mixer Box Operator (Concrete Plant).

GROUP 3: Brakeman; Deckhand; Fireman; Oiler; Oiler/Gradechecker; Signalman; Switchman; Highline Cableway Signalman; Bargeman; Bunkerman; Concrete Curing Machine (self-propelled, automatically applied unit on streets, highways, airports and canals); Leveeman; Roller (5 tons and under); Tugger Hoist.

GROUP 4: Boom Truck or dual purpose "A" Frame Truck (5 tons or less); Concrete Placing Boom (Building Construction); Dinky Operator; Elevator Operator; Hoist and/or Winch (one drum); Straddle Truck (Ross Carrier, Hyster and similar).

GROUP 5: Asphalt Plant Fireman; Compressors, Pumps, Generators and Welding Machines ("Bank" of 9 or more, individually or collectively); Concrete Pumps or Pumpcrete Guns; Lubrication and Service Engineer (Grease Rack); Screedman.

GROUP 6: Boom Truck or Dual Purpose "A" Frame Truck (over 5 tons); Combination Loader/Backhoe (up to and including 3/4 cu. yd.); Concrete Batch Plants (wet or dry); Concrete Cutter, Groover and/or Grinder (self-propelled unit on streets, highways, airports, and canals); Conveyor or Concrete Pump (Truck or Equipment Mounted); Drilling

Machinery (not to apply to waterliners, wagon drills or jack hammers); Fork Lift (over 10 tons); Loader (up to and including 3 and 1/2 cu. yds); Lull High Lift (under 40 feet); Lubrication and Service Engineer (Mobile); Maginnis Internal Full Slab Vibrator (on airports, highways, canals and warehouses); Man or Material Hoist; Mechanical Concrete Finisher (Large Clary, Johnson Bidwell, Bridge Deck and similar); Mobile Truck Crane Driver; Portable Shotblast Concrete Cleaning Machine; Portable Boring Machine (under streets, highways, etc.); Portable Crusher; Power Jumbo Operator (setting slip forms, etc., in tunnels); Rollers (over 5 tons); Self-propelled Compactor (single engine); Self-propelled Pavement Breaker; Skidsteer Loader with attachments; Slip Form Pumps (Power driven by hydraulic, electric, air, gas, etc., lifting device for concrete forms); Small Rubber Tired Tractors; Trencher (up to and including 6 feet); Underbridge Personnel Aerial Platform (50 feet of platform or less).

GROUP 7: Crusher Plant Engineer, Dozer (D-4, Case 450, John Deere 450, and similar); Dual Drum Mixer, Extend Lift; Hoist and/or Winch (2 drums); Loader (over 3 and 1/2 cu. yds. up to and including 6 yards.); Mechanical Finisher or Spreader Machine (asphalt), (Barber Greene and similar) (Screedman required); Mine or Shaft Hoist; Mobile Concrete Mixer (over 5 tons); Pipe Bending Machine (pipelines only); Pipe Cleaning Machine (tractor propelled and supported); Pipe Wrapping Machine (tractor propelled and supported); Roller Operator (Asphalt); Self-Propelled Elevating Grade Plane; Slusher Operator; Tractor (with boom) (D-6, or similar); Trencher (over 6 feet and less than 200 h.p.); Water Tanker (pulled by Euclids, T-Pulls, DW-10, 20 or 21, or similar); Winchman (Stern Winch on Dredge).

GROUP 8: Asphalt Plant Operator; Barge Mate (Seagoing); Cast-in-Place Pipe Laying Machine; Concrete Batch Plant (multiple units); Conveyor Operator (tunnel); Deckmate;

Dozer (D-6 and similar); Finishing Machine Operator (airports and highways); Gradesetter; Kolman Loader (and similar); Mucking Machine (Crawler-type); Mucking Machine (Conveyor-type); No-Joint Pipe Laying Machine; Portable Crushing and Screening Plant; Power Blade Operator (under 12); Saurman Type Dragline (up to and including 5 yds.); Stationary Pipe Wrapping, Cleaning and Bending Machine; Surface Heater and Planer Operator, Tractor (D-6 and similar); Tri-Batch Paver; Tunnel Badger; Tunnel Mole and/or Boring Machine Operator Underbridge Personnel Aerial Platform (over 50 feet of platform).

GROUP 9: Combination Mixer and Compressor (gunite); Do-Mor Loader and Adams Elegrader; Dozer (D-7 or equal); Wheel and/or Ladder Trencher (over 6 feet and 200 to 749 h.p.).

GROUP 9A: Dozer (D-8 and similar); Gradesetter (when required by the Contractor to work from drawings, plans or specifications without the direct supervision of a foreman or superintendent); Push Cat; Scrapers (up to and including 20 cu. yds); Self-propelled Compactor with Dozer; Self-Propelled, Rubber-Tired Earthmoving Equipment (up to and including 20 cu. yds) (621 Band and similar); Sheep's Foot; Tractor (D-8 and similar); Tractors with boom (larger than D-6, and similar).

GROUP 10: Chicago Boom; Cold Planers; Heavy Duty Repairman or Welder; Hoist and/or Winch (3 drums); Hydraulic Skooper (Koehring and similar); Loader (over 6 cu. yds. up to and including 12 cu. yds.); Saurman type Dragline (over 5 cu. yds.); Self-propelled, rubber-tired Earthmoving Equipment (over 20 cu. yds. up to and including 31 cu. yds.) (637D and similar); Soil Stabilizer (P & H or equal); Sub-Grader (Gurries or other automatic type); Tractors (D-9 or equivalent, all attachments); Tractor (Tandem Scraper); Watch Engineer.

GROUP 10A: Boat Operator; Cable-operated Crawler Crane (up to and including 25 tons); Cable-operated Power Shovel, Clamshell, Dragline and Backhoe (up to and including 1 cu. yd.); Dozer D9-L; Dozer (D-10, HD41 and similar) (all attachments); Gradall (up to and including 1 cu. yd.); Hydraulic Backhoe (over 3/4 cu. yds. up to and including 2 cu. yds.); Mobile Truck Crane Operator (up to and including 25 tons) (Mobile Truck Crane Driver Required); Self-propelled Boom Type Lifting Device (Center Mount) (up to and including 25 tons) (Grove, Drott, P&H, Pettibone and similar; Trencher (over 6 feet and 750 h.p. or more); Watch Engineer (steam or electric).

GROUP 11: Automatic Slip Form Paver (concrete or asphalt); Band Wagon (in conjunction with Wheel Excavator); Cable-operated Crawler Cranes (over 25 tons but less than 50 tons); Cable-operated Power Shovel, Clamshell, Dragline and Backhoe (over 1 cu. yd. up to 7 cu. yds.); Gradall (over 1 cu. yds. up to 7 cu. yds.); DW-10, 20, etc. (Tandem); Earthmoving Machines (multiple propulsion power units and 2 or more Scrapers) (up to and including 35 cu. yds., "" struck"" m.r.c.); Highline Cableway; Hydraulic Backhoe (over 2 cu. yds. up to and including 4 cu. yds.); Leverman; Lift Slab Machine; Loader (over 12 cu. yds); Master Boat Operator; Mobile Truck Crane Operator (over 25 tons but less than 50 tons); (Mobile Truck Crane Driver required); Pre-stress Wire Wrapping Machine; Self-propelled Boom-type Lifting Device (Center Mount) (over 25 tons m.r.c); Self-propelled Compactor (with multiple-propulsion power units); Single Engine Rubber Tired Earthmoving Machine (with Tandem Scraper); Tandem Cats; Trencher (pulling attached shield).

GROUP 12: Clamshell or Dipper Operator; Derricks; Drill Rigs; Multi-Propulsion Earthmoving Machines (2 or more Scrapers) (over 35 cu. yds ""struck""m.r.c.); Operators (Derricks, Piledrivers and Cranes); Power Shovels and Draglines (7 cu.

yds. m.r.c. and over); Self-propelled rubber-tired Earthmoving equipment (over 31 cu. yds.) (657B and similar); Wheel Excavator (up to and including 750 cu. yds. per hour); Wheel Excavator (over 750 cu. yds. per hour).

GROUP 12A: Dozer (D-11 or similar or larger); Hydraulic Excavators (over 4 cu. yds.); Lifting cranes (50 tons and over); Pioneering Dozer/Backhoe (initial clearing and excavation for the purpose of providing access for other equipment where the terrain worked involves 1-to-1 slopes that are 50 feet in height or depth, the scope of this work does not include normal clearing and grubbing on usual hilly terrain nor the excavation work once the access is provided); Power Blade Operator (Cat 12 or equivalent or over); Straddle Lifts (over 50 tons); Tower Crane, Mobile; Traveling Truss Cranes; Universal, Liebherr, Linden, and similar types of Tower Cranes (in the erection, dismantling, and moving of equipment there shall be an additional Operating Engineer or Heavy Duty Repairman); Yo-Yo Cat or Dozer.

GROUP 13: Truck Driver (Utility, Flatbed, etc.)

GROUP 13A: Dump Truck, 8 cu.yds. and under (water level); Water Truck (up to and including 2,000 gallons).

GROUP 13B: Water Truck (over 2,000 gallons); Tandem Dump Truck, over 8 cu. yds. (water level).

GROUP 13C: Truck Driver (Semi-trailer. Rock Cans, Semi-Dump or Roll-Offs).

GROUP 13D: Truck Driver (Slip-In or Pup).

GROUP 13E: End Dumps, Unlicensed (Euclid, Mack, Caterpillar or similar); Tractor Trailer (Hauling Equipment); Tandem Trucks hooked up to Trailer (Hauling Equipment)

BOOMS AND/OR LEADS (HOURLY PREMIUMS):

The Operator of a crane (under 50 tons) with a boom of 80 feet or more (including jib), or of a crane (under 50 tons) with leads of 100 feet or more, shall receive a per hour premium for each hour worked on said crane (under 50 tons) in accordance with the following schedule:

| | |
|--|------|
| Booms of 80 feet up to but not including 130 feet or Leads of 100 feet up to but not including 130 feet | 0.50 |
| Booms and/or Leads of 130 feet up to but not including 180 feet | 0.75 |
| Booms and/or Leads of 180 feet up to and including 250 feet | 1.15 |
| Booms and/or Leads over 250 feet | 1.50 |

The Operator of a crane (50 tons and over) with a boom of 180 feet or more (including jib) shall receive a per hour premium for each hour worked on said crane (50 tons and over) in accordance with the following schedule:

| | |
|---|------|
| Booms of 180 feet up to and including 250 feet | 1.25 |
| Booms over 250 feet | 1.75 |

ENGI0003-004 09/04/2017

| | Rates | Fringes |
|----------------------------|----------|---------|
| Dredging: (Boat Operators) | | |
| Boat Deckhand..... | \$ 41.22 | 30.93 |
| Boat Operator..... | \$ 43.43 | 30.93 |

| | |
|---|-------|
| Master Boat Operator.....\$ 43.58 | 30.93 |
| Dredging: (Clamshell or Dipper Dredging) | |
| GROUP 1.....\$ 43.94 | 30.93 |
| GROUP 2.....\$ 43.28 | 30.93 |
| GROUP 3.....\$ 42.88 | 30.93 |
| GROUP 4.....\$ 41.22 | 30.93 |
| Dredging: (Derricks) | |
| GROUP 1.....\$ 43.94 | 30.93 |
| GROUP 2.....\$ 43.28 | 30.93 |
| GROUP 3.....\$ 42.88 | 30.93 |
| GROUP 4.....\$ 41.22 | 30.93 |
| Dredging: (Hydraulic Suction Dredges) | |
| GROUP 1.....\$ 43.58 | 30.93 |
| GROUP 2.....\$ 43.43 | 30.93 |
| GROUP 3.....\$ 43.28 | 30.93 |
| GROUP 4.....\$ 43.22 | 30.93 |
| GROUP 5.....\$ 37.88 | 26.76 |
| Group 5.....\$ 42.88 | 30.93 |
| GROUP 6.....\$ 37.77 | 26.76 |
| Group 6.....\$ 42.77 | 30.93 |
| GROUP 7.....\$ 36.22 | 26.76 |
| Group 7.....\$ 41.22 | 30.93 |

CLAMSHELL OR DIPPER DREDGING CLASSIFICATIONS

GROUP 1: Clamshell or Dipper Operator.
GROUP 2: Mechanic or Welder; Watch Engineer.
GROUP 3: Barge Mate; Deckmate.
GROUP 4: Bargeman; Deckhand; Fireman; Oiler.

HYDRAULIC SUCTION DREDGING CLASSIFICATIONS

GROUP 1: Leverman.
GROUP 2: Watch Engineer (steam or electric).
GROUP 3: Mechanic or Welder.

GROUP 4: Dozer Operator.

GROUP 5: Deckmate.

GROUP 6: Winchman (Stern Winch on Dredge)

GROUP 7: Deckhand (can operate anchor scow under direction of Deckmate); Fireman; Leveeman; Oiler.

DERRICK CLASSIFICATIONS

GROUP 1: Operators (Derricks, Piledrivers and Cranes).

GROUP 2: Saurman Type Dragline (over 5 cubic yards).

GROUP 3: Deckmate; Saurman Type Dragline (up to and including 5 yards).

GROUP 4: Deckhand, Fireman, Oiler.

 ENGI0003-044 09/03/2018

Rates

Fringes

Power Equipment Operators

(PAVING)

Asphalt Concrete Material

| | | |
|---------------|----------|-------|
| Transfer..... | \$ 42.92 | 32.08 |
|---------------|----------|-------|

| | | |
|-----------------------------|----------|-------|
| Asphalt Plant Operator..... | \$ 43.35 | 32.08 |
|-----------------------------|----------|-------|

| | | |
|--------------------|----------|-------|
| Asphalt Raker..... | \$ 41.96 | 32.08 |
|--------------------|----------|-------|

| | | |
|------------------------------|----------|-------|
| Asphalt Spreader Operator... | \$ 43.44 | 32.08 |
|------------------------------|----------|-------|

| | | |
|------------------|----------|-------|
| Cold Planer..... | \$ 43.75 | 32.08 |
|------------------|----------|-------|

Combination Loader/Backhoe

| | | |
|------------------------|----------|-------|
| (over 3/4 cu.yd.)..... | \$ 41.96 | 32.08 |
|------------------------|----------|-------|

Combination Loader/Backhoe

| | | |
|-------------------------|----------|-------|
| (up to 3/4 cu.yd.)..... | \$ 40.98 | 32.08 |
|-------------------------|----------|-------|

Concrete Saws and/or

Grinder (self-propelled

unit on streets, highways,

| | | |
|---------------------------|----------|-------|
| airports and canals)..... | \$ 42.92 | 32.08 |
|---------------------------|----------|-------|

| | | |
|-------------|----------|-------|
| Grader..... | \$ 43.75 | 32.08 |
|-------------|----------|-------|

| | | |
|---------------------------|----------|-------|
| Laborer, Hand Roller..... | \$ 41.46 | 32.08 |
|---------------------------|----------|-------|

| | | |
|---|----------|-------|
| Loader (2 1/2 cu. yds. and under)..... | \$ 42.92 | 32.08 |
| Loader (over 2 1/2 cu. yds. to and including 5 cu. yds.)..... | \$ 43.24 | 32.08 |
| Roller Operator (five tons and under)..... | \$ 41.69 | 32.08 |
| Roller Operator (over five tons)..... | \$ 43.12 | 32.08 |
| Screed Person..... | \$ 42.92 | 32.08 |
| Soil Stabilizer..... | \$ 43.75 | 32.08 |

IRON0625-001 09/01/2019

| | Rates | Fringes |
|---|----------|---------|
| Ironworkers:..... | \$ 41.50 | 37.55 |
| a. Employees will be paid \$.50 per hour more while working in tunnels and coffer dams; \$1.00 per hour more when required to work under or are covered with water (submerged) and when they are required to work on the summit of Mauna Kea, Mauna Loa or Haleakala. | | |

* LAB00368-001 09/02/2019

| | Rates | Fringes |
|--|----------|---------|
| Laborers: | | |
| Driller..... | \$ 39.05 | 21.52 |
| Final Clean Up..... | \$ 29.25 | 17.22 |
| Gunite/Shotcrete Operator and High Scaler..... | \$ 38.55 | 21.52 |
| Laborer I..... | \$ 38.05 | 21.52 |
| Laborer II..... | \$ 35.45 | 21.52 |
| Mason Tender/Hod Carrier.... | \$ 38.55 | 21.52 |
| Powderman..... | \$ 39.05 | 21.52 |
| Window Washer (bosun chair).\$ | 37.55 | 21.52 |

LABORERS CLASSIFICATIONS

Laborer I: Air Blasting run by electric or pneumatic compressor; Asphalt Laborer, Ironer, Raker, Luteman, and Handroller, and all types of Asphalt Spreader Boxes; Asphalt Shoveler; Assembly and Installation of Multiplates, Liner Plates, Rings, Mesh, Mats; Batching Plant (portable and temporary); Boring Machine Operator (under streets and sidewalks); Buggymobile; Burning and Welding; Chainsaw, Faller, Logloader, and Bucker; Compactors (Jackson Jumping Jack and similar); Concrete Bucket Dumpman; Concrete Chipping; Concrete Chuteman/Hoseman (pouring concrete) (the handling of the chute from ready-mix trucks for such jobs as walls, slabs, decks, floors, foundations, footings, curbs, gutters, and sidewalks); Concrete Core Cutter (Walls, Floors, and Ceiling); Concrete Grinding or Sanding; Concrete: Hooking on, signaling, dumping of concrete for treme work over water on caissons, pilings, abutments, etc.; Concrete: Mixing, handling, conveying, pouring, vibrating, otherwise placing of concrete or aggregates or by any other process; Concrete: Operation of motorized wheelbarrows or buggies or machines of similar character, whether run by gas, diesel, or electric power; Concrete Placement Machine Operator: operation of Somero Hammerhead, Copperheads, or similar machines; Concrete Pump Machine (laying, coupling, uncoupling of all connections and cleaning of equipment); Concrete and/or Asphalt Saw (Walking or Handtype) (cutting walls or flatwork) (scoring old or new concrete and/or asphalt) (cutting for expansion joints) (streets and ways for laying of pipe, cable or conduit for all purposes); Concrete Shovelers/Laborers (Wet or Dry); Concrete Screeding for Rough Strike-Off: Rodding or striking-off, by hand or mechanical means prior to finishing; Concrete Vibrator Operator; Coring Holes: Walls, footings, piers or other obstructions for passage of pipes or conduits for any purpose and the pouring of concrete to

secure the hole; Cribbers, Shorer, Lagging, Sheeting, and Trench Jacking and Bracing, Hand-Guided Lagging Hammer Whaling Bracing; Curbing (Concrete and Asphalt); Curing of Concrete (impervious membrane and form oiler) mortar and other materials by any mode or method; Cut Granite Curb Setter (setting, leveling and grouting of all precast concrete or stone curbs); Cutting and Burning Torch (demolition); Dri Pak-It Machine; Environmental Abatement: removal of asbestos, lead, and bio hazardous materials (EPA and/or OSHA certified); Falling, bucking, yarding, loading or burning of all trees or timber on construction site; Forklift (9 ft. and under); Gas, Pneumatic, and Electric tools; Grating and Grill work for drains or other purposes; Green Cutter of concrete or aggregate in any form, by hand, mechanical means, grindstone or air and/or water; Grout: Spreading for any purpose; Guinea Chaser (Grade Checker) for general utility trenches, sitework, and excavation; Headerboard Man (Asphalt or Concrete); Heat Welder of Plastic (Laborers' AGC certified workers) (when work involves waterproofing for waterponds, artificial lakes and reservoir) heat welding for sewer pipes and fusion of HDPE pipes; Heavy Highway Laborer (Rigging, signaling, handling, and installation of pre-cast catch basins, manholes, curbs and gutters); High Pressure Nozzleman - Hydraulic Monitor (over 100# pressure); Jackhammer Operator; Jacking of slip forms: All semi and unskilled work connected therewithin; Laying of all multi-cell conduit or multi-purpose pipe; Magnesite and Mastic Workers (Wet or Dry) (including mixer operator); Mortar Man; Mortar Mixer (Block, Brick, Masonry, and Plastering); Nozzleman (Sandblasting and/or Water Blasting): handling, placing and operation of nozzle; Operation, Manual or Hydraulic jacking of shields and the use of such other mechanical equipment as may be necessary; Pavement Breakers; Paving, curbing and surfacing of streets, ways, courts, under and overpasses, bridges, approaches, slope walls, and all other labor connected therewith; Pilecutters; Pipe Accessment in place, bolting

and lining up of sectional metal or other pipe including corrugated pipe; Pipelayer performing all services in the laying and installation of pipe from the point of receiving pipe in the ditch until completion of operation, including any and all forms of tubular material, whether pipe, HDPE, metallic or non-metallic, conduit, and any other stationary-type of tubular device used for conveying of any substance or element, whether water, sewage, solid, gas, air, or other product whatsoever and without regard to the nature of material from which tubular material is fabricated; No-joint pipe and stripping of same, Pipewrapper, Caulker, Bander, Kettlemen, and men applying asphalt, Laykold, treating Creosote and similar-type materials (6-inch) pipe and over); Piping: resurfacing and paving of all ditches in preparation for laying of all pipes; Pipe laying of lateral sewer pipe from main or side sewer to buildings or structure (except Contactor may direct work be done under proper supervision); Pipe laying, leveling and marking of the joint used for main or side sewers and storm sewers; Laying of all clay, terra cotta, ironstone, vitrified concrete, HDPE or other pipe for drainage; Placing and setting of water mains, gas mains and all pipe including removal of skids; Plaster Mortar Mixer/Pump; Pneumatic Impact Wrench; Portable Sawmill Operation: Choker setters, off bearers, and lumber handlers connected with clearing; Posthole Digger (Hand Held, Gas, Air and Electric); Powderman's Tender; Power Broom Sweepers (Small); Preparation and Compaction of roadbeds for railroad track laying, highway construction, and the preparation of trenches, footings, etc., for cross-country transmission by pipelines, electrical transmission or underground lines or cables (by mechanical means); Raising of structure by manual or hydraulic jacks or other methods and resetting of structure in new locations, including all concrete work; Ramming or compaction; Rigging in connection with Laborers' work (except demolition), Signaling (including the use of walkie talkie) Choke Setting, tag

line usage; Tagging and Signaling of building materials into high rise units; Riprap, Stonepaver, and Rock Slinger (includes placement of stacked concrete, wet or dry and loading, unloading, signaling, slinging and setting of other similar materials); Rotary Scarifier (including multiple head concrete chipping Scarifier); Salamander Heater, Drying of plaster, concrete mortar or other aggregate; Scaffold Erector Leadman; Scaffolds: (Swing and hanging) including maintenance thereof; Scaler; Septic Tank/Cesspool and Drain Fields Digger and Installer; Shredder/Chipper (tree branches, brush, etc.); Stripping and Setting Forms; Stripping of Forms: Other than panel forms which are to be re-used in their original form, and stripping of forms on all flat arch work; Tampers (Barko, Wacker, and similar type); Tank Scaler and Cleaners; Tarman; Tree Climbers and Trimmers; Trencher (includes hand-held, Davis T-66 and similar type); Trucks (flatbed up to and including 2 1/2 tons when used in connection with on-site Laborers' work; Trucks (Refuse and Garbage Disposal) (from job site to dump); Vibra-Screed (Bull Float in connection with Laborers' work); Well Points, Installation of or any other dewatering system.

Laborer II: Asphalt Plant Laborer; Boring Machine Tender; Bridge Laborer; Burning of all debris (crates, boxes, packaging waste materials); Chainman, Rodmen, and Grade Markers; Cleaning, clearing, grading and/or removal for streets, highways, roadways, aprons, runways, sidewalks, parking areas, airports, approaches, and other similar installations; Cleaning or reconditioning of streets, ways, sewers and waterlines, all maintenance work and work of an unskilled and semi-skilled nature; Concrete Bucket Tender (Groundman) hooking and unhooking of bucket; Concrete Forms; moving, cleaning, oiling and carrying to the next point of erection of all forms; Concrete Products Plant Laborers; Conveyor Tender (conveying of building materials); Crushed Stone Yards and Gravel and Sand Pit

Laborers and all other similar plants; Demolition, Wrecking and Salvage Laborers: Wrecking and dismantling of buildings and all structures, with use of cutting or wrecking tools, breaking away, cleaning and removal of all fixtures, All hooking, unhooking, signaling of materials for salvage or scrap removed by crane or derrick; Digging under streets, roadways, aprons or other paved surfaces; Driller's Tender; Chuck Tender, Outside Nipper; Dry-packing of concrete (plugging and filling of she-bolt holes); Fence and/or Guardrail Erector: Dismantling and/or re-installation of all fence; Finegrader; Firewatcher; Flagman (Coning, preparing, stablishing and removing portable roadway barricade devices); Signal Men on all construction work defined herein, including Traffic Control Signal Men at construction site; General Excavation; Backfilling, Grading and all other labor connected therewith; Digging of trenches, ditches and manholes and the leveling, grading and other preparation prior to laying pipe or conduit for any purpose; Excavations and foundations for buildings, piers, foundations and holes, and all other construction. Preparation of street ways and bridges; General Laborer: Cleaning and Clearing of all debris and surplus material. Clean-up of right-of-way. Clearing and slashing of brush or trees by hand or mechanical cutting. General Clean up: sweeping, cleaning, wash-down, wiping of construction facility and equipment (other than "Light Clean up (Janitorial) Laborer. Garbage and Debris Handlers and Cleaners. Appliance Handling (job site) (after delivery unlading in storage area); Ground and Soil Treatment Work (Pest Control); Guniting/Shotcrete Operator Tender; Junk Yard Laborers (same as Salvage Yard); Laser Beam "Target Man" in connection with Laborers' work; Layout Person for Plastic (when work involves waterproofing for waterponds, artificial lakes and reservoirs); Limbers, Brush Loaders, and Pilers; Loading, Unloading, carrying, distributing and handling of all rods and material for use in reinforcing concrete construction (except when a derrick or outrigger

operated by other than hand power is used); Loading, unloading, sorting, stockpiling, handling and distribution of water mains, gas mains and all pipes; Loading and unloading of all materials, fixtures, furnishings and appliances from point of delivery to stockpile to point of installation; hooking and signaling from truck, conveyance or stockpile; Material Yard Laborers; Pipelayer Tender; Pipewrapper, Caulker, Bander, Kettlemen, and men applying asphalt, Laykold, Creosote, and similar-type materials (pipe under 6 inches); Plasterer Laborer; Preparation, construction and maintenance of roadbeds and sub-grade for all paving, including excavation, dumping, and spreading of sub-grade material; Prestressed or precast concrete slabs, walls, or sections: all loading, unloading, stockpiling, hooking on of such slabs, walls or sections; Quarry Laborers; Railroad, Streetcar, and Rail Transit Maintenance and Repair; Roustabout; Rubbish Trucks in connection with Building Construction Projects (excluding clearing, grubbing, and excavating); Salvage Yard: All work connected with cutting, cleaning, storing, stockpiling or handling of materials, all cleanup, removal of debris, burning, back-filling and landscaping of the site; Sandblasting Tender (Pot Tender): Hoses and pots or markers; Scaffolds: Erection, planking and removal of all scaffolds used for support for lathers, plasters, brick layers, masons, and other construction trades crafts; Scaffolds: (Specially designed by carpenters) laborers shall tend said carpenter on erection and dismantling thereof, preparation for foundation or mudsills, maintenance; Scraping of floors; Screeds: Handling of all screeds to be reused; handling, dismantling and conveyance of screeds; Setting, leveling and securing or bracing of metal or other road forms and expansion joints; Sheet Piling/trench shoring (handling and placing of skip sheet or wood plank trench shoring); Ship Scalpers; Shipwright Tender; Sign Erector (subdivision traffic, regulatory, and street-name signs); Sloper; Slurry Seal Crews (Mixer Operator, Applicator, Squeegee Man,

Shuttle Man, Top Man); Snapping of wall ties and removal of tie rods; Soil Test operations of semi and unskilled labor such as filling sand bags; Striper (Asphalt, Concrete or other Paved Surfaces); Tool Room Attendant (Job Site); Traffic Delineating Device Applicator; Underpinning, lagging, bracing, propping and shoring, loading, signaling, right-of-way clearance along the route of movement, The clearance of new site, excavation of foundation when moving a house or structure from old site to new site; Utilities employees; Water Man; Waterscape/Hardscape Laborers; Wire Mesh Pulling (all concrete pouring operations); Wrecking, stripping, dismantling and handling concrete forms an false work.

 * LABO0368-002 09/02/2019

| | Rates | Fringes |
|---------------------------------|----------|---------|
| Landscape & Irrigation Laborers | | |
| GROUP 1..... | \$ 26.15 | 13.45 |
| GROUP 2..... | \$ 27.15 | 13.45 |
| GROUP 3..... | \$ 21.55 | 13.45 |

LABORERS CLASSIFICATIONS

GROUP 1: Installation of non-potable permanent or temporary irrigation water systems performed for the purposes of Landscaping and Irrigation architectural horticultural work; the installation of drinking fountains and permanent or temporary irrigation systems using potable water for Landscaping and Irrigation architectural horticultural purposes only. This work includes (a) the installation of all heads, risers, valves, valve boxes, vacuum breakers (pressure and non-pressure), low voltage electrical lines and, provided such work involves electrical wiring that

will carry 24 volts or less, the installation of sensors, master control panels, display boards, junction boxes, conductors, including all other components for controllers, (b) and metallic (copper, brass, galvanized, or similar) pipe, as well as PVC or other plastic pipe including all work incidental thereto, i.e., unloading, handling and distribution of all pipes fittings, tools, materials and equipment, (c) all soldering work in connection with the above whether done by torch, soldering iron, or other means; (d) tie-in to main lines, thrust blocks (both precast and poured in place), pipe hangers and supports incidental to installation of the entire irrigation system, (e) making of pressure tests, start-up testing, flushing, purging, water balancing, placing into operation all irrigation equipment, fixtures and appurtenances installed under this agreement, and (f) the fabrication, replacement, repair and servicing of landscaping and irrigation systems. Operation of hand-held gas, air, electric, or self-powered tools and equipment used in the performance of Landscape and Irrigation work in connection with architectural horticulture; Choke-setting, signaling, and rigging for equipment operators on job-site in the performance of such Landscaping and Irrigation work; Concrete work (wet or dry) performed in connection with such Landscaping and Irrigation work. This work shall also include the setting of rock, stone, or riprap in connection with such Landscape, Waterscape, Rockscape, and Irrigation work; Grubbing, pick and shovel excavation, and hand rolling or tamping in connection with the performance of such Landscaping and Irrigation work; Sprigging, handseeding, and planting of trees, shrubs, ground covers, and other plantings and the performance of all types of gardening and horticultural work relating to said planting; Operation of flat bed trucks (up to and including 2 1/2 tons).:

GROUP 2. Layout of irrigation and other non-potable irrigation water systems and the layout of drinking

fountains and other potable irrigation water systems in connection with such Landscaping and Irrigation work. This includes the layout of all heads, risers, valves, valve boxes, vacuum breakers, low voltage electrical lines, hydraulic and electrical controllers, and metallic (coppers, brass, galvanized, or similar) pipe, as well as PVC or other plastic pipe. This work also includes the reading and interpretation of plans and specifications in connection with the layout of Landscaping, Rockscape, Waterscape, and Irrigation work; Operation of Hydro-Mulching machines (sprayman and driver), Drillers, Trenchers (riding type, Davis T-66, and similar) and fork lifts used in connection with the performance of such Landscaping and Irrigation work; Tree climbers and chain saw tree trimmers, Sporadic operation (when used in connection with Landscaping, Rockscape, Waterscape, and Irrigation work) of Skid-Steer Loaders (Bobcat and similar), Cranes (Bantam, Grove, and similar), Hoptos, Backhoes, Loaders, Rollers, and Dozers (Case, John Deere, and similar), Water Trucks, Trucks requiring a State of Hawaii Public Utilities Commission Type 5 and/or type 7 license, sit-down type and ""gang"" mowers, and other self-propelled, sit-down operated machines not listed under Landscape & Irrigation Maintenance Laborer; Chemical spraying using self-propelled power spraying equipment (200 gallon capacity or more).

GROUP 3: Maintenance of trees, shrubs, ground covers, lawns and other planted areas, including the replanting of trees, shrubs, ground covers, and other plantings that did not ""take"" or which are damaged; provided, however, that re-planting that requires the use of equipment, machinery, or power tools shall be paid for at the rate of pay specified under Landscape and Irrigation Laborer, Group 1; Raking, mowing, trimming, and runing, including the use of ""weed eaters"", hedge trimmers, vacuums, blowers, and other hand-held gas, air, electric, or self-powered tools, and

the operation of lawn mowers (Note: The operation of sit-down type and "gang" mowers shall be paid for at the rate of pay specified under Landscape & Irrigation Laborer, Group 2); Guywiring, staking, propping, and supporting trees; Fertilizing, Chemical spraying using spray equipment with less than 200 gallon capacity, Maintaining irrigation and sprinkler systems, including the staking, clamping, and adjustment of risers, and the adjustment and/or replacement of sprinkler heads, (Note: the cleaning and gluing of pipe and fittings shall be paid for at the rate of pay specified under Landscape & Irrigation Laborer(Group 1); Watering by hand or sprinkler system and the performance of other types of gardening, yardman, and horticultural-related work.

 * LAB00368-003 09/02/2019

| | Rates | Fringes |
|---------------------|----------|---------|
| Underground Laborer | | |
| GROUP 1..... | \$ 38.65 | 21.47 |
| GROUP 2..... | \$ 40.15 | 21.47 |
| GROUP 3..... | \$ 40.65 | 21.47 |
| GROUP 4..... | \$ 41.65 | 21.47 |
| GROUP 5..... | \$ 41.90 | 21.47 |
| GROUP 6..... | \$ 42.00 | 21.47 |
| GROUP 7..... | \$ 42.25 | 21.47 |

GROUP 1: Watchmen; Change House Attendant.

GROUP 2: Swamper; Brakeman; Bull Gang-Muckers, Trackmen; Dumpmen (any method); Concrete Crew (includes rodding and spreading); Grout Crew; Reboundmen

GROUP 3: Chucktenders and Cabletenders; Powderman (Prime House); Vibratorman, Pavement Breakers

GROUP 4: Miners - Tunnel (including top and bottom man on shaft and raise work); Timberman, Retimberman (wood or steel or substitute materials thereof); Blasters, Drillers, Powderman (in heading); Microtunnel Laborer; Headman; Cherry Pickerman (where car is lifted); Nipper; Grout Gunmen; Grout Pumpman & Potman; Gunite, Shotcrete Gunmen & Potmen; Concrete Finisher (in tunnel); Concrete Screed Man; Bit Grinder; Steel Form Raisers & Setters; High Pressure Nozzleman; Nozzleman (on slick line); Sandblaster-Potman (combination work assignment interchangeable); Tugger

GROUP 5: Shaft Work & Raise (below actual or excavated ground level); Diamond Driller; Gunite or Shotcrete Nozzleman; Rodman; Groundman

GROUP 6: Shifter

GROUP 7: Shifter (Shaft Work & Raiser)

PAIN1791-001 01/01/2019

| | Rates | Fringes |
|-------------------------|----------|---------|
| Painters: | | |
| Brush..... | \$ 38.35 | 29.39 |
| Sandblaster; Spray..... | \$ 38.35 | 29.39 |

PAIN1889-001 07/01/2019

| | Rates | Fringes |
|---------------|----------|---------|
| Glaziers..... | \$ 39.00 | 33.25 |

PAIN1926-001 03/03/2019

| | Rates | Fringes |
|--|-------|---------|
|--|-------|---------|

| | | |
|------------------------|----------|-------|
| Soft Floor Layers..... | \$ 34.15 | 29.32 |
|------------------------|----------|-------|

PAIN1944-001 01/01/2019

| | |
|-------|---------|
| Rates | Fringes |
|-------|---------|

| | | |
|------------|----------|-------|
| Taper..... | \$ 42.60 | 28.15 |
|------------|----------|-------|

PLAS0630-001 09/03/2018

| | |
|-------|---------|
| Rates | Fringes |
|-------|---------|

| | | |
|----------------|----------|-------|
| PLASTERER..... | \$ 41.34 | 29.38 |
|----------------|----------|-------|

PLAS0630-002 09/03/2018

| | |
|-------|---------|
| Rates | Fringes |
|-------|---------|

Cement Masons:

| | | |
|--------------------|----------|-------|
| Cement Masons..... | \$ 39.80 | 29.38 |
|--------------------|----------|-------|

| | | |
|------------------------------|----------|-------|
| Trowel Machine Operators.... | \$ 39.95 | 29.38 |
|------------------------------|----------|-------|

PLUM0675-001 01/06/2019

| | |
|-------|---------|
| Rates | Fringes |
|-------|---------|

Plumber, Pipefitter,

| | | |
|-----------------------------------|----------|-------|
| Steamfitter & Sprinkler Fitter... | \$ 46.02 | 26.24 |
|-----------------------------------|----------|-------|

ROOF0221-001 09/01/2019

| | |
|-------|---------|
| Rates | Fringes |
|-------|---------|

Roofers (Including Built Up,

| | | |
|----------------------------------|----------|-------|
| Composition and Single Ply)..... | \$ 41.15 | 18.98 |
|----------------------------------|----------|-------|

SHEE0293-001 09/02/2018

| | Rates | Fringes |
|-------------------------|----------|---------|
| Sheet metal worker..... | \$ 42.55 | 27.44 |

SUHI1997-002 09/15/1997

| | Rates | Fringes |
|---|----------|---------|
| Drapery Installer..... | \$ 13.60 | 1.20 |
| FENCE ERECTOR (Chain Link Fence) | \$ 9.33 | 1.65 |

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO

is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate

changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current

negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an

interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

PROPOSAL SCHEDULE

| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|----------|--|------------------|------|------------|---------------|
| 209.1000 | Installation, Maintenance, Monitoring, and Removal of BMP | LS | LS | \$ | \$ |
| 209.2000 | Additional Water Pollution, Dust, and Erosion Control | FA | FA | \$ | \$ 15,000.00 |
| 301.0100 | Hot Mix Asphalt Base Course | 3,108 | TN | \$ | \$ |
| 401.0100 | Hot Mix Asphalt (HMA) Pavement, Mix No. IV | 12,491 | TN | \$ | \$ |
| 401.0200 | Hot Mix Asphalt (HMA) Pavement, Mix No. IV at Guardrail Under, Behind Guardrail and Beyond End Terminals | 207 | TN | \$ | \$ |
| 413.0100 | Longitudinal Joint Stabilizer | 10,208 | SF | \$ | \$ |
| 414.0100 | Excavation of Weakened Pavement Areas | 1,256 | CY | \$ | \$ |
| 415.0100 | Cold Planing | 92,273 | SY | \$ | \$ |
| 603.1000 | Clean Existing Culverts | FA | FA | \$ | \$ 150,000.00 |
| 604.1000 | Adjusting Storm Drain Cast Iron Manhole Frame and Cover | 4 | EA | \$ | \$ |
| 604.2000 | Adjusting Water Valve Cast Iron Frame and Cover | 6 | EA | \$ | \$ |
| 604.3000 | Adjusting Sewer Cast Iron Manhole Frame and Cover | 3 | EA | \$ | \$ |
| 604.4000 | Adjusting Pipe Lamp Hole and Cover | 1 | EA | \$ | \$ |
| 606.1000 | MGS W-Beam Guardrail and Block | 1,200 | LF | \$ | \$ |
| 606.2000 | W-Beam Guardrail Type 3 Single Post | 338 | LF | \$ | \$ |
| 606.3000 | Reset Guardrail | 1,200 | LF | \$ | \$ |

NH-030-1(056)

10/10/2019

P-8

Addendum No. 3

PROPOSAL SCHEDULE

| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|----------|---|------------------|------|------------|--------|
| 606.4000 | Soft Stop Terminal TL-3 | 1 | EA | \$ | \$ |
| 613.1000 | Adjusting Centerline and Reference Survey Monuments | 9 | EA | \$ | \$ |
| 615.0100 | Centerline Milled Rumble Strip | 12,000 | LF | \$ | \$ |
| 615.0200 | Edgeline Milled Rumble Strip | 33,320 | LF | \$ | \$ |
| 621.1000 | Enhanced Vehicle Classification Traffic Counting System | LS | LS | \$ | \$ |
| 623.1000 | Loud Detector Sensing Unit | 32 | EA | \$ | \$ |
| 623.2000 | Traffic Signal System - Installation of Backplates | 19 | EA | \$ | \$ |
| 629.1010 | 4-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion) White | 10,330 | LF | \$ | \$ |
| 629.1020 | 6-Inch Pavement Striping (Thermoplastic Hot Spray) White | 33,105 | LF | \$ | \$ |
| 629.1030 | 4-Inch Pavement Striping (Thermoplastic Hot Spray) Yellow | 1,740 | LF | \$ | \$ |
| 629.1040 | 8-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion) White | 3,200 | LF | \$ | \$ |
| 629.1050 | 12-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion) White | 1,125 | LF | \$ | \$ |
| 629.1060 | 12-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion) Yellow | 494 | LF | \$ | \$ |

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Addendum No. 3

PROPOSAL SCHEDULE

| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|----------|---|------------------|-------|------------|--------|
| 629.1070 | 4 - Inch Double Solid Yellow Pavement Striping (Thermoplastic Hot Spray) | 14,250 | LF | \$ | \$ |
| 629.1100 | Crosswalk Marking (Thermoplastic Extrusion) | 22 | LANES | \$ | \$ |
| 629.1200 | Pavement Arrow (Thermoplastic Extrusion) | 67 | EA | \$ | \$ |
| 629.1300 | Pavement Symbol (Thermoplastic Extrusion) | 20 | EA | \$ | \$ |
| 629.1400 | Yield Pavement Marking (Shark's Teeth Marking) (Thermoplastic Extrusion) | 14 | LANES | \$ | \$ |
| 629.1500 | 4"-Pavement Striping (Profiled Thermoplastic Extrusion) White | 660 | LF | \$ | \$ |
| 629.1600 | 4"-Pavement Striping (Profiled Thermoplastic Extrusion) Yellow | 2,195 | LF | \$ | \$ |
| 629.2020 | Type "C" Pavement Marker | 1,268 | EA | \$ | \$ |
| 629.2030 | Type "D" Pavement Marker | 518 | EA | \$ | \$ |
| 629.2040 | Type "H" Pavement Marker | 477 | EA | \$ | \$ |
| 629.2050 | Type "F" Pavement Marker | 2 | EA | \$ | \$ |
| 630.0000 | Destination Sign (10 SF or Less) With Steel Post | 2 | EA | \$ | \$ |
| 630.0100 | Destination Sign (More than 10 SF) With Steel Post | 2 | EA | \$ | \$ |
| 630.0200 | Type "A" Route Marker Assembly With Post | 9 | EA | \$ | \$ |
| 630.0300 | Type "B" Route Marker Assembly With Post | 2 | EA | \$ | \$ |

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Addendum No.3

PROPOSAL SCHEDULE

| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|----------|--|------------------|------|------------|--------------|
| 630.0400 | Street Name Sign | 9 | EA | \$ | \$ |
| 630.0500 | Street Name Sign on Traffic Signal Mast Arm | 8 | EA | \$ | \$ |
| 631.3000 | Regulatory Sign (10 Sq. Ft. or less) | 49 | EA | \$ | \$ |
| 631.3100 | Regulatory Sign (More Than 10 Sq. Ft.) | 9 | EA | \$ | \$ |
| 631.3200 | Warning Signs (10 Sq. Ft. or Less) With Post | 17 | EA | \$ | \$ |
| 631.3300 | Miscellaneous Sign With Post (10 Sq. Ft. or Less) with post | 1 | EA | \$ | \$ |
| 631.3400 | Construction Signs With Post | 17 | EA | \$ | \$ |
| 632.4100 | Reflector Marker (RM-3) Yellow Without Post | 138 | EA | \$ | \$ |
| 632.4200 | Reflector Marker (RM-3) Yellow With Steel Post | 36 | EA | \$ | \$ |
| 632.4300 | Reflector Markers (RM-4) With Steel Post | 4 | EA | \$ | \$ |
| 632.4400 | Reflector Markers (RM-5) on existing guardrail | 52 | EA | \$ | \$ |
| 632.4500 | Type II Object Marker | 312 | EA | \$ | \$ |
| 632.7610 | Mile Post Marker and Supplemental Route Number Plate (Bi-Directional) With Post | 7 | EA | \$ | \$ |
| 643.0100 | Maintenance of Existing Landscape Areas | F.A. | F.A. | F.A. | \$ 75,000.00 |
| 645.0100 | Traffic Control | LS | LS | LS | \$ |
| 645.2100 | Additional Police Officers, Additional Traffic Control Devices and Advertisement | FA | FA | FA | \$ 30,000.00 |

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Addendum No. 3

PROPOSAL SCHEDULE

| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|------------------------|---|---------------------|------|---------------|--------------|
| 648.0100 | Field-Posted Drawings | LS | LS | LS | \$ |
| 696.0000 | Field Office Trailer (Not to Exceed \$32,000.00) | LS | LS | LS | \$ |
| 696.2000 | Maintenance of Trailer | FA | FA | FA | \$ 18,000.00 |
| 699.1000 | Mobilization (Not to exceed 6% of the Sum of all items excluding bid price of this item). | 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.

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

**REQUEST FOR INFORMATION
DOT RESPONSES**

For

**HONOAPIILANI HIGHWAY RESURFACING
KEANU STREET TO KUIHELANI HIGHWAY**

FEDERAL-AID PROJECT NO. NH-030-1(056)

DISTRICT OF WAILUKU

ISLAND OF MAUI

2019

RFI 1.1 – Bid Item No. 630.0200 Type "A" Route Marker Assembly with post indicates 7 signs. However, I counted 9 each signs on the plans.

RFI 1.1 Response: See Addendum No.2.

RFI 1.2 – Bid Item No. 630.0400 Street Name Sign indicates 9 each signs. However, I don't see any street name signs on the plans.

RFI 1.2 Response: Bid according to quantity in the proposal schedule. Street name signs shall be installed on all intersection warning signs and above all stop signs. See Addendum No. 2

RFI 1.3 – Bid Item No. 630.0500 Street Name Sign on Traffic Signal Mast Arm indicates 8 each sign. However, I don't see any street name signs on the plans.

RFI 1.3 Response: Bid according to quantity in proposal schedule. Street name sign on mast arms shall be installed at all signalized intersections with traffic signal mast arms. See Addendum No. 2

RFI 1.4 – Bid Item Nos. 631.3000, 631.3100 and 631.3200 - Regulatory and Warning Signs. Please verify the quantities. The quantities don't match with signs on the drawing.

RFI 1.4 Response: Bid according to quantities in the proposal schedule. See Addendum No. 2.

RFI 1.5 – Bid Item Nos. 631.3300 Construction Sign with post indicate 17 each signs .Please verify the quantity. I don't see 17 construction signs with post.

RFI 1.5 Response: Bid according to quantities in the proposal schedule. Construction signs shall include signs shown on work zone signing plan sheet 31. See Addendum No. 2.

RFI 1.6 – Bid Item Nos. 632.4500 Type II Object Marker are these mounted on trees or utility poles?

RFI 1.6 Response: Object II Marker shall be mounted on trees and utility poles near the roadway as directed by the Engineer.

RFI 1.7 – Can you please notate where to use block or no blocks per sheet 12 & 13

RFI 1.7 Response: The block or no blocks could be used in certain specific situations where additional roadway space is desired or required.

RFI 1.8 – Can provide please provide detail on how to connect Type G end terminal to MASH guardrail in Guardrail run at Sta. 221+70

RFI 1.8 Response: No MASH replacements for end flare terminals to date, MASH guardrail connect to existing Type G terminal.

RFI 1.9 – Is it allowed to connect MASH guardrail to Type G end terminal in MASH documents.

RFI 1.9 Response: Yes, connect to existing Type G terminal.

RFI 1.10 – Please provide a pay item for Type G end terminal.

RFI 1.10 Response: No separate pay item for Type G end terminal. Include in the pay item for guardrail.

RFI 1.11 – Please provide details New Excavation Warning Sign called out on sheet 30.

RFI 1.11 Response: See Addendum No.2.

RFI 1.12 – On sheet 32 at Sta. 285+00 there is a sign "Dry Area Prevent Fires" please provide size and detail (Typical to rest of plans).

RFI 1.12 Response: Regulatory sign 24"W x 30"H.

RFI 1.13 – On Sheet 33 at Sta. 268+00 there is a sign "Pu'u kukui School" Please provide size and details (Typical to rest of plans)

RFI 1.13 Response: Destination sign 54"W x 28"H

RFI 1.14 – On sheet 36 at Sta. 198+00 there is a sign "Cross only at cross walk" please provide size and detail (Typical to rest of plans).

RFI 1.14 Response: Regulatory sign 18"Wx24"H.

RFI 1.15 – On sheet 39 at Sta. 128+00 there is a sign "Golf Course Sign" please provide type of post to be used and pay item to be used.

RFI 1.15 Response: Use square post. See Addendum No.2.

RFI 1.16 – On sheet 40 at Sta. 104+00 there is a sign "Adopt A Hwy" please provide pay item to be used.

RFI 1.16 Response: See Addendum No. 2.

RFI 1.17 – On sheet 40 at Sta. 102+00 there is a sign "Golf Course Sign" please provide type of post and pay item to be used.

RFI 1.17 Response: Use square post. See Addendum No.2

RFI 1.18 – For pay item 630.0100 Destination Sign (10 Sf or less) with steel post there are no call outs in the plan.

RFI 1.18 Response: Bid according to the quantity in the proposal schedule..

RFI 1.19 – For pay item 630.0400 Street Name Sign there are no call outs on the plan.

RFI 1.19 Response: Bid according to the quantities in the proposal schedule..

RFI 1.20 – For pay item 630.0500 Street Name Sign on traffic Mast Arm there are no call outs on the plan.

RFI 1.20 Response: Bid according to the quantity in the proposal schedule.

RFI 1.21 – For pay item 631.3300 Construction sign with post there are 10 called out on sheet 31 but 2 same sign are called on sheet 32 and same 2 called on sheet 41, can you clarify the pay item quantity of 17. Street Name Sign on traffic Mast Arm there are no call outs on the plan.

RFI 1.21 Response: Bid according to the quantity in the proposal schedule.

RFI 1.22 – For pay item 632.4500 Type II object marker there are 14 called out sheet 31, but there is a quantity of 52 on the proposal can you please clarify.

RFI 1.22 Response: Bid according to the quantities in the proposal schedule.

RFI 1.23 – Please clarify what are the allowed working hours for this project. Page 3 of the plans general note 19 states that night work maybe required, yet same page section 7 note 1 state "no night work will be allowed" What is allowed? What hours are lane blockages allowed?

Revised plan sheet 3, note 19 to read: Night work shall be performed for all activities requiring lane closure, unless two directions of traffic remain open at all times during lane closure. Extra cost increases or night work shall be considered incidental to the various contract items. Night work shall be from 9:00 PM to 5:00AM.

Revised plan sheet 3, note 1 under section 7 of Endangered Species Act to read: To avoid impacts to listed seabirds, night work will not be performed during seabird fledging season, Sept. 15 to Dec 15

RFI 1.23 Response: Night work allowed except from Sept. 15 to Dec.15.

RFI 1.24 –Page 11 of the plans note 3 states that longer guardrail post may be specified. Will this be on the project and if so, how is this paid for?

RFI 1.24 Response: Not required.

RFI 1.25 –Page 11 of the plan note 8 states a minimum clear distance in back of guardrail is this an issue on this project? There are no notes or direction as to a solution if this cannot be maintained.

RFI 1.25 Response: No

RFI 1.26 –Page 13 of the plans. This page shows guardrail installed without block outs. Is this used on this project? If so what is the required post size It is W6x8.5 like standard W-Beam post? Also, elevation detail calls out a RWB01a to be installed, what is this? We cannot find it in any detail.

RFI 1.26 Response: See Response on RFI 1.7 and no detail for this RWBo1a in plan sheet 13.

RFI 1.27 –Please provide detail for the Soft Stop end terminal. Will alternate MASH rated end terminal be acceptable replacement such as the MSKT from Road System Inc.

RFI 1.27 Response: Contractor will be required to submit shop drawing for approval during construction. Also MASH approved end terminals are the MSKT and MAX-Tension.

RFI 1.28 –Please provide details for the type G end terminal. how is this terminal paid for?

RFI 1.28 Response: There are no MASH compliant replacement of type G end terminal to date. This is paid on the guardrail items.

RFI 1.29 –At Sta. 114+92 to 117+25 where the new guardrail ties into the existing guardrail ,how does the tie in work for the different height guardrail and different post to guardrail slice locations?

RFI 1.29 Response: See Addendum No. 2.

RFI 1.30 – Page 25 of the plans and bid item 630.0400 states to install street name signs, is this in reference to Public works detail T-11 and T-14? Also, where are these signs installed, we can not find any reference on the plan.

RFI 1.30 Response: See RFI 1.2 response .

RFI 1.31 – Page 25 of the plans note 9 states to install RM-3 on all existing and new signs. Is there any quantity of existing signs so all bidders are bidding the same.

RFI 1.31 Response: See Addendum No.2.

RFI 1.32 – Page 31 of the plans. Do these work zone signs need to be installed on any side roads or only on the approach and trailing on Honoapiilani highway? Are these signs to be paid under bid item 631.3300? if not what signs is this bid item reference?

RFI 1.32 Response: Yes, to be paid under item 631.3300.

RFI 1.33 – Bid item 631-0100 Destination sign is this 2 golf course sign? Can you provide a detail for the sign the required post installation.

RFI 1.33 Response: Use square tube post and panel legend and borders shall be white reflectorized on a green reflectorized background.

END OF RFI RESPONSES