

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 1

FOR

INTERSTATE ROUTE H-1, INSTALLATION OF ACCESS CONTROL
MAKAKILO INTERCHANGE TO VICINITY OF H-1/H-2 INTERCHANGE

FEDERAL-AID PROJECT NO. IM-H1-1(259)

The following amendments shall be made to the Bid Documents:

A. SPECIAL PROVISIONS

1. Replace pages 607-1a thru 607-7a dated 04/26/11 with the attached pages 607-1a thru 607-7a dated r01/05/12.
2. Delete the first sentence from lines 19 thru 21 in Section 722 – Chain Link Fence Materials.
3. Replace Federal Wage Rate Pages 1 thru 18 dated 10/14/2011 with the attached Federal Wage Rate Pages 1 thru 19 dated 01/13/2012.

B. PRE-BID CONFERENCE MINUTES

1. Pre-bid Meeting Minutes and attendance sheet are attached for your information.

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



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

1 Make the following amendment to the said Section.

2
3 **"SECTION 607 - CHAIN LINK FENCES AND GATES**

4
5 **607.01 Description.** This section describes constructing chain link
6 fences and gates.

7
8 **607.02 Materials.**

9
10 Structural Concrete 601

11
12 Chain Link Fence Materials 722

13
14 **607.03 Construction Requirements.**

15
16 **(A) General.** Adjust post spacing at fence breaks or at intersections
17 with existing fences to conform to required closure.

18
19 For concrete embedded posts, braces, or anchors, install
20 temporary guys or braces to secure posts until concrete sets. Do not
21 install materials on posts, or strain guys and braces until 7 days after
22 concrete placement. Crown top of concrete fence footings to shed
23 water.

24
25 Set top of posts to required grade and alignment. Do not cut top
26 of posts unless accepted.

27
28 Attach wire or fencing firmly to posts and braces. Stretch taut and
29 install to required height.

30
31 Provide electrical ground conforming to Section 9 of the National
32 Electric Safety Code at each crossing of electric transmission,
33 distribution, or secondary line.

34
35 **(B) Posts.** Furnish posts from pipes conforming to Table 607.03 - 1 -
36 Schedule of Chain Link Fence Posts, ASTM F-1083 (schedule 40 steel
37 pipe). All posts, brace, and rails, shall be hot dipped galvanized per
38 ASTM F-1083. Space the line posts 10 feet maximum intervals,
39 measured from center to center of posts. Measure post spacing parallel
40 to slope of the natural ground. Install posts in vertical position.

41

TABLE 607.03-1 - SCHEDULE OF CHAIN LINK FENCE POST								
ZINC-COATED PIPE - NOMINAL								
Fence Height (Feet)	Line Post		End, Corner & Pull Post		Brace		Top Rail	
	OD Inch	Wt lbs/ft	OD Inch	Wt lbs/ft	OD Inch	Wt lbs/ft	OD Inch	Wt Lbs/ft
6	2.375	3.65	2.875	5.79	1.66	2.27	1.66	2.27

Conform footing depths to Table 607.03-2 - Footing Depths.:

TABLE 607.03-2 - FOOTING DEPTHS		
Type of Post	Fabric Height Inches	Footing Depth (Minimum) Foot
Line Post	36	2
End, Corner, and Gate Post	36	2.5
Line Post	48	2.5
Other Post	—	3

Use minimum footing diameter of 8-inches, or three times the diameter of post, whichever is greater.

For fence heights greater than 6 feet, brace end, corner, and gate posts to nearest line post with horizontal braces as compression members, and truss rods with turnbuckles as tension members. Provide brace and truss pull post at intervals of 300 feet in both directions.

Install corner posts when fence line changes 30 degrees or more.

Pass top rail through the base of line post tops or extension arms and form continuous brace from end to end of each fence section.

Furnish top rails in approximately 20-foot lengths. Provide top rails with accepted outside couplings or expansion sleeves. Fasten top rail securely to terminal posts with rail ends and brace bands.

Furnish brace rails in required lengths.

(C) Fence Fabric. Fasten chain link fabric on designated side of posts. Position fabric to follow ground contour with bottom of fabric 2 inches above ground.

Provide knuckled finish on bottom edge of chain link fabric. For chain link fabric widths greater than 60 inches, provide twisted and barbed finish on top edge. For chain link fabric widths of 60 inches or less, provide knuckled finish on the top edge.

Fasten top edge of chain link fabric to top rail between posts. Excavate high points of ground to install bottom tension wire on straight grade between posts. Do not fill depressions.

Fasten chain link fabric to end, corner, and gate posts with stretcher bars and stretcher bar bands spaced at 12 inches. Fasten chain link fabric to line posts and tension wires with tie wires or metal bands. Space tie wires or metal bands on line posts at approximately 14 inches, and on top rails at approximately 24 inches.

(D) Gates. Furnish gate frames and posts from pipes conforming to Table 607.03-3 - Gates (3 Feet to 6 Feet Height), or from accepted shapes of equivalent structural strength. Cross-truss drive gates with accepted adjustable truss rods. Assemble by using properly designed fittings, or by accepted welding techniques.

Use chain link fabric for gate. Attach fabric to gate frame by stretcher bars and tie wires, as specified for fence construction, and suitable tension connectors spaced at approximately 12 inches..

For gate heights up to 60 inches, hang gate with two hinges. For gate heights greater than 60 inches, hang gate with three hinges. Provide hinges designed to clamp securely to gate post, and permit gate to swing back against fence.

Provide gates with combination catch and locking attachment of acceptable design. Provide stops to hold gates open and center rest with catch where required.

TABLE 607.03-3 - GATES (3 FEET TO 6 FEET HEIGHT)				
ZINC-COATED PIPE				
GATE FRAMES		GATE OPENING	GATE POSTS	
O.D. Inch	Nominal Weight lbs/ft		O.D. Inch	Nominal Weight lbs/ft
1 -7/8	2.72	Single to 6' or Double to 12'	3	5.79
1 -7/8	2.72	Single over 6' to 13' or Double over 12' to 26' inclusive	4	9.11
1 -7/8	2.72	Single over 13' to 18' or Double over 26' to 36' inclusive	6 -5/8	18.97
1 -7/8	2.72	Single over 18' or Double over 36'	8-5/8	24.70

ALUMINUM PIPE						
GATE FRAMES			GATE OPENING	GATE POSTS		
Nominal Size Inch	Nominal O.D. Inch	Wt. lbs/ft		Nominal Size Inch	Nominal O.D. Inch	Wt. lbs/ft
1-1/2	1.9	0.94	Single to 6' or Double to 12'	3	3-1/2	2.621
1-1/2	1.9	0.94	Single over 6' to 13' or Double over 12' to 26' inclusive	3 1/2	4	3.151
1-1/2	1.9	0.94	Single over 13' to 18' or Double over 26' to 36' inclusive	6	6-5/8	6.564
1 1/2	1.9	0.94	Single over 18' or Double over 36'	8	8-5/8	9.878

(E) Clearing. Clearing is defined as removing and disposing of all unwanted surface material such as trees, logs, brush, grass, weeds, downed trees and its roots, residue of agricultural crops, asphalt and concrete masonry, and other materials or obstructions within the limits specified in the contract documents or as ordered by the Engineer.

Preserve shrubs, plants, and other objects to remain within the established limits. Preserve trees of a minimum 6 inches in diameter measured 4-1/2 feet maximum from top of existing ground unless removal is approved by the Engineer.

Protect remaining trees and shrubbery from injury or damage. Cut trees to be removed without injuring trees and shrubbery that are to remain.

Cut close to the trunks, in accordance with recognized standards of good arboricultural practices, tree branches that extend over roadway within 20 feet of finished grade. Remove additional branches, as required, to give trees a balanced appearance.

Do not exceed total erosion control exposure area limits described in Subsection 209.03(B) - Construction Requirements.

Protect land monuments, property markers, or official datum points until the Engineer authorizes their removal and until re-establishment survey data has been obtained.

137 (F) **Grubbing.** Grubbing is defined as removing and disposing of all
138 unwanted vegetative matter from underground, such as stumps, roots,
139 and other unwanted materials or obstruction within the limits specified in
140 the contract documents or as ordered by the Engineer.

141
142 Grub areas below natural ground surface, within limits specified,
143 of vegetative and unwanted material interfering with the proposed work.
144 Do not leave unsuitable material under embankments and dikes. The
145 disturbed limits shall be restored by spreading at a rate of 40 pounds per
146 acre with Buffel Grass hulled seed variety T4464 (*Cenchrus ciliaris*) and
147 raked into the disturbed soil before proceeding to another area.

148
149 Leave all undisturbed and sound stumps and nonperishable solid
150 objects more than 3 feet below subgrade and embankment slopes.
151 Leave stumps and nonperishable solid objects that extend less than 3
152 inches above the ground line or low water level when they are outside the
153 excavation and embankment areas. Cut stumps 6 inches below the
154 existing grade line.

155
156 Backfill stump holes and other holes with embankment material
157 and compact according to Subsection 203.03(C) - Embankment
158 Construction except in areas to be excavated.

159
160 (G) **Removal and Disposal of Material.** Remove material and
161 debris, and dispose of at an authorized disposal site. Obtain written
162 authorization from property owners and governmental authorities for
163 disposal locations outside highway right-of-way limits.

164
165 When accepted by the Engineer, reduce degradable materials to
166 mulch or chips of a maximum size of 1/4 inch and disposed of in areas
167 enclosed by interchange loops and ramps or between the slope lines and
168 right-of-way lines. Spread mulch and chips uniformly on the ground
169 surface, and mix one to one with underlying earth so that they will not
170 support combustion.

171
172 Leave project limits and adjacent areas with a neat and finished
173 appearance. Dispose of slashings, flammable material, and other
174 debris within or adjacent to highway Right-of-Way. Do not burn material
175 and debris.

176
177 (H) **Best Management Practices (BMP).** Ensure that all BMP
178 measures are in place before clearing and grubbing starts. If BMP
179 measure is removed, reinstall before end of workday.

180
181 (I) **Limits.** The limits shall be along the right-of-way line to clear and
182 grub as necessary to install the chain link fence within entire length of the
183 project.

(J) **Coordination With Adjacent Property Owners.** The Contractor shall coordinate with the adjacent property owners, either verbally or in writing, one month prior to working next to the affected property.

607.04 Method of Measurement.

(1) The Engineer will measure the chain link fence with top rail and concrete footings per linear foot in accordance with the contract documents.

(2) The Engineer will measure the top rail per linear foot in accordance with the contract documents.

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

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

Pay Item	Pay Unit
6 Feet High Chain Link Fence with Top Rail And Concrete Footings	Linear Foot

The Engineer will pay for:

(1) 30 percent of the contract bid price upon completion of clearing, grubbing, excavating to the depth of the concrete footings and coordination with adjacent property owners; and delivery of the necessary materials to the site.

(2) 50 percent of the contract bid price upon completion of constructing the chain link fence and backfilling around the concrete footings.

(3) 20 percent of the contract bid price upon removing and disposing of materials and debris, and restoring the disturbed site.

Top Rail	Linear Foot
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The Engineer will pay for:

(1) 10 percent of the contract bid price upon removing of the top tension cable; completion of clearing and grubbing, and coordination with adjacent property owners.

232 (2) 70 percent of the contract price completion of installation of the top
233 rail.

234
235 (3) 20 percent of the contract bid price upon removing and disposing of
236 materials and debris, and restoring the disturbed site.

237
238 The Engineer will pay for BMP in accordance with Section 209 -
239 Temporary Water Pollution, Dust, and Erosion Control.”

240

241

242

243

244

END OF SECTION 607

General Decision Number: HI120001 01/13/2012 HI1

Superseded General Decision Number: HI20100001

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

Modification Number	Publication Date
0	01/06/2012
1	01/13/2012

ASBE0132-001 08/29/2010

	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.....	\$ 36.65	22.24

BOIL0627-005 04/01/2010

	Rates	Fringes
BOILERMAKER.....	\$ 31.92	21.42

BRHI0001-001 08/29/2011

	Rates	Fringes
BRICKLAYER		
Bricklayers and Stonemasons..	\$ 33.90	22.62
Pointers, Caulkers and Weatherproofers.....	\$ 34.15	22.62

BRHI0001-002 08/29/2011

	Rates	Fringes
Tile, Marble & Terrazzo Worker		

Terrazzo Base Grinders.....	\$ 32.34	22.62
Terrazzo Floor Grinders and Tenders.....	\$ 30.79	22.62
Tile, Marble and Terrazzo Workers.....	\$ 34.15	22.62

 CARP0745-001 08/29/2011

	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.....	\$ 38.00	19.62
Millwrights and Machine Erectors.....	\$ 38.25	19.62
Power Saw Operators (2 h.p. and over).....	\$ 38.15	19.62

 CARP0745-002 08/29/2011

	Rates	Fringes
Drywall and Acoustical Workers and Lathers.....	\$ 38.25	19.62

 ELEC1186-001 02/20/2011

	Rates	Fringes
Electricians:		
Cable Splicers.....	\$ 44.33	26.41
Electricians.....	\$ 40.30	25.18
Telecommunication worker....	\$ 23.20	17%+6.35

 ELEC1186-002 02/20/2011

	Rates	Fringes
Line Construction:		
Cable Splicers.....	\$ 44.33	24.67
Groundmen/Truck Drivers.....	\$ 30.22	20.89
Heavy Equipment Operators....	\$ 36.27	22.50
Linemen.....	\$ 40.30	23.57
Telecommunication worker....	\$ 23.20	17%+\$6.35

 ELEV0126-001 01/01/2011

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 49.48	21.79

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 08/29/2011

	Rates	Fringes
Diver (Aqua Lung) (Scuba)		
Diver (Aqua Lung) (Scuba)		
(over a depth of 30 feet)....\$ 58.75		23.94
Diver (Aqua Lung) (Scuba)		
(up to a depth of 30 feet)..\$ 49.38		23.94
Stand-by Diver (Aqua Lung)		
(Scuba).....\$ 40.00		23.94
Diver (Other than Aqua Lung)		
Diver (Other than Aqua Lung).....\$ 58.75		23.94
Diver Tender (Other than Aqua Lung).....\$ 36.97		23.94
Stand-by Diver (Other than Aqua Lung).....\$ 40.00		23.94
Helicopter Work		
Airborne Hoist Operator for Helicopter.....\$ 38.55		23.94
Co-Pilot of Helicopter.....\$ 38.69		23.94
Pilot of Helicopter.....\$ 38.86		23.94
Power equipment operator - tunnel work		
GROUP 1.....\$ 34.99		23.94
GROUP 2.....\$ 35.10		23.94
GROUP 3.....\$ 35.27		23.94
GROUP 4.....\$ 35.54		23.94
GROUP 5.....\$ 35.85		23.94
GROUP 6.....\$ 36.50		23.94
GROUP 7.....\$ 36.82		23.94
GROUP 8.....\$ 36.93		23.94
GROUP 9.....\$ 37.04		23.94
GROUP 9A.....\$ 37.27		23.94
GROUP 10.....\$ 37.33		23.94
GROUP 10A.....\$ 37.48		23.94
GROUP 11.....\$ 37.63		23.94
GROUP 12.....\$ 37.99		23.94
GROUP 12A.....\$ 38.35		23.94
Power equipment operators:		
GROUP 1.....\$ 34.69		23.94
GROUP 2.....\$ 34.80		23.94
GROUP 3.....\$ 34.97		23.94
GROUP 4.....\$ 35.24		23.94
GROUP 5.....\$ 35.55		23.94
GROUP 6.....\$ 36.20		23.94
GROUP 7.....\$ 36.52		23.94
GROUP 8.....\$ 36.63		23.94
GROUP 9.....\$ 36.74		23.94
GROUP 9A.....\$ 36.97		23.94
GROUP 10.....\$ 37.03		23.94
GROUP 10A.....\$ 37.18		23.94
GROUP 11.....\$ 37.33		23.94
GROUP 12.....\$ 37.69		23.94
GROUP 12A.....\$ 38.05		23.94

GROUP 13.....	\$ 34.97	23.94
GROUP 13A.....	\$ 35.24	23.94
GROUP 13B.....	\$ 35.55	23.94
GROUP 13C.....	\$ 36.20	23.94
GROUP 13D.....	\$ 36.52	23.94
GROUP 13E.....	\$ 36.63	23.94

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 08/29/2011

	Rates	Fringes
Dredging: (Boat Operators)		
Boat Deckhand.....	\$ 34.97	23.94
Boat Operator.....	\$ 37.18	23.94
Master Boat Operator.....	\$ 37.33	23.94
Dredging: (Clamshell or Dipper Dredging)		
GROUP 1.....	\$ 37.69	23.94
GROUP 2.....	\$ 37.03	23.94
GROUP 3.....	\$ 36.63	23.94
GROUP 4.....	\$ 34.97	23.94
Dredging: (Derricks)		
GROUP 1.....	\$ 37.69	23.94
GROUP 2.....	\$ 37.03	23.94
GROUP 3.....	\$ 36.63	23.94
GROUP 4.....	\$ 34.97	23.94
Dredging: (Hydraulic Suction Dredges)		
GROUP 1.....	\$ 37.33	23.94
GROUP 2.....	\$ 37.18	23.94
GROUP 3.....	\$ 37.03	23.94

GROUP 4.....	\$ 36.97	23.94
Group 5.....	\$ 36.63	23.94
Group 6.....	\$ 36.52	23.94
Group 7.....	\$ 34.97	23.94

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 08/30/2010

	Rates	Fringes
Power Equipment Operators (PAVING)		
(10) Cold Planer.....	\$ 36.03	23.43
(10) Loader (2 1/2 cu. yds. and under).....	\$ 36.03	23.43
(10) Soil Stabilizer.....	\$ 36.03	23.43
(11) Loader (over 2 1/2 cu. yds. to and including 5 cu. yds.).....	\$ 36.33	23.43
(3) Roller Operator (five tons and under).....	\$ 33.97	23.43
(5) Screed Person.....	\$ 34.55	23.43
(6) Combination Loader/Backhoe (up to 3/4 cu.yd.).....	\$ 35.20	23.43
(6) Concrete Saws and/or Grinder (self-propelled unit on streets, highways, airports and canals).....	\$ 35.20	23.43
(6) Roller Operator (over five tons).....	\$ 35.20	23.43
(7) Combination Loader/Backhoe (over 3/4 cu.yd.).....	\$ 35.52	23.43
(8) Asphalt Plant Operator..	\$ 35.63	23.43

Asphalt Concrete Material		
Transfer.....	\$ 34.87	23.18
Asphalt Raker.....	\$ 33.91	23.18
Asphalt Spreader Operator...	\$ 35.39	23.18
Grader.....	\$ 35.70	23.18
Laborer, Hand Roller.....	\$ 31.14	23.18

IRON0625-001 09/01/2011

	Rates	Fringes
Ironworkers:.....	\$ 33.75	28.01
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.		

LABO0368-001 08/29/2011

	Rates	Fringes
Laborers:		
Driller.....	\$ 31.30	15.91
Final Clean Up.....	\$ 21.70	11.47
Gunite Operator & High		
Scaler.....	\$ 30.80	15.91
Laborer I.....	\$ 30.30	15.91
Laborer II.....	\$ 27.70	15.91
Powderman.....	\$ 31.30	15.91
Window Washer (bosun chair).	\$ 29.80	15.91

LABORERS CLASSIFICATIONS

Laborer I: Asbestos Removal Worker (EPA certified workers); 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, Welding, Signalling, Choke Setting, and Rigging in connection with Laborers' work (except demolition); 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; 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; Falling, bucking, yarding, loading or burning of all trees or timber on construction site; Forklift (9 ft. and under); 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 (Laborers¹ AGC certified workers) (when work involves waterproofing for waterponds, artificial lakes and reservoir, or heat welding for sewer 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); Installation of lightweight backfill; Jackhammer Operator; Jacking of slip forms: All semi and unskilled work connected therewithin; Laying of all multi-cell conduit or multi-purpose pipe; Lead base paint abatement laborers (EPA certified workers); Magnesite and Mastic Workers (Wet or Dry) (including mixer operator); Mason Tender, 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, 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 Contractor 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 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); 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; 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: Air Blasting; Appliance Handling (job site) (after delivery and unloading in storage area); Asphalt Plant Laborer; Backfilling, Grading and all other labor connected therewith; Boring Machine; Bridge Laborer; Burning of all debris (crates, boxes, packaging waste materials); Chainman, Rodmen, and Grade Markers; Cleaning and Clearing of all debris; 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; Cleanup of Grounds and Buildings (other than "Light Clean-Up") (Janitorial Laborer); Clean-up of right-of-way; Clearing and slashing of brush or trees by hand or mechanical cutting; 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); Cribbers,

Shorer, Lagging, Sheeting, and Trench Jacking and Bracing, Hand-Guided Lagging Hammer Whaling Bracing; 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, burning or cutting, breaking away, cleaning and removal of all masonry, wood or metal fixtures for salvage or scrap, All hooking, unhooking, signaling of materials for salvage or scrap removed by crane or derrick; Digging under streets, roadways, aprons or other paved surfaces; Chuck Tender, Outside Nipper; Dry-packing of concrete (plugging and filling of she-bolt holes); Excavation, Preparation of street ways and bridges; Fence and/or Guardrail Erector: Dismantling and/or re-installation of all fence; Finegrader; Firewatcher; Flagman (Coning, preparing, establishing and removing portable roadway barricade devices); Signal Men on all construction work defined herein, including Traffic Control Signal Men at construction site; Garbage and Debris Handlers and Cleaners; Gas, Pneumatic, and Electric Tools, not listed Group 1 (except Rototiller); General Clean-up: sweeping, cleaning, washdown, wiping of construction facility, and equipment (other than "Light Clean-up" [Janitorial] Laborer); General Excavation and Grading (all 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; General Laborer; Ground and Soil Treatment Work (Pest Control); Junk Yard Laborers (same as Salvage Yard); Landscape Nursery Laborers; 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 signalling 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 (including Hod Carrier); 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; Removal of surplus material; 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 (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 Scalers; 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; Stripper (Asphalt, Concrete or other Paved Surfaces); Tagging and Signaling of all building materials into high-rise units; 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 and false work.

LABO0368-002 08/29/2011

	Rates	Fringes
Landscape & Irrigation Laborers		
GROUP 1.....	\$ 21.70	8.52
GROUP 2.....	\$ 22.20	8.52
GROUP 3.....	\$ 18.20	8.52

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.

LABO0368-003 08/29/2011

	Rates	Fringes
Underground Laborer		
GROUP 1.....	\$ 30.90	15.91
GROUP 2.....	\$ 32.40	15.91
GROUP 3.....	\$ 32.90	15.91
GROUP 4.....	\$ 33.90	15.91
GROUP 5.....	\$ 34.15	15.91
GROUP 6.....	\$ 34.25	15.91
GROUP 7.....	\$ 34.50	15.91

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 Picker (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 01/01/2012

	Rates	Fringes
Painters:		
Brush.....	\$ 33.60	24.30
Sandblaster; Spray.....	\$ 33.60	24.30

PAIN1889-001 07/01/2011

	Rates	Fringes
Glaziers.....	\$ 32.05	24.22

PAIN1926-001 07/01/2011

	Rates	Fringes
Soft Floor Layers.....	\$ 28.12	20.98

* PAIN1944-001 01/01/2012

	Rates	Fringes
Taper.....	\$ 40.00	16.90

PLAS0630-001 08/29/2011

	Rates	Fringes
PLASTERER.....	\$ 34.69	22.62

PLAS0630-002 08/29/2011

	Rates	Fringes
Cement Masons:		
Cement Masons.....	\$ 33.85	22.62
Trowel Machine Operators....	\$ 34.00	22.62

PLUM0675-001 07/03/2011

	Rates	Fringes
Plumber, Pipefitter, Steamfitter & Sprinkler Fitter...	\$ 36.10	22.26

ROOF0221-001 09/25/2011

	Rates	Fringes
Roofers (Including Built Up, Composition and Single Ply).....	\$ 36.10	16.13

SHEE0293-001 08/28/2011

	Rates	Fringes
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Sheet metal worker.....\$ 34.65 21.71

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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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 union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with
characters other than "SU" denotes that the union
classification and rate have found to be prevailing for that
classification. Example: PLUM0198-005 07/01/2011. The
first four letters, PLUM, indicate the international union and
the four-digit number, 0198, that follows 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. The date, 07/01/2011, following these
characters is the effective date of the most current
negotiated rate/collective bargaining agreement which would be
July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any
changes in the collective bargaining agreements governing the
rate.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived
from survey data by computing average rates and are not union
rates; however, the data used in computing these rates may

include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

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

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DESIGN BRANCH
HIGHWAY DESIGN SECTION
601 KAMOKILA BOULEVARD, ROOM 609
KAPOLEI, HAWAII 96707-2023

PRE-BID CONFERENCE MINUTES

601 KAMOKILA BOULEVARD, CONFERENCE ROOM 609
KAPOLEI, HAWAII 96707
JANUARY 3, 2012 - 9:00 AM

PROJECT: INTERSTATE ROUTE H-1, INSTALLATION OF ACCESS CONTROL
MAKAKILO INTERCHANGE TO VICINITY OF H-1/H-2 INTERCHANGE
ISLAND OF OAHU

PROJECT NUMBER: IM-H1-1(259)

Pre-Bid Conference began at 9:00 AM.

Opened pre-bid conference by stating that the work will be along the Highway right-of-way and the following were mentioned.

Since the work area is outside of the shoulder, police officers may not be necessary since there is no traffic lane closure. However, if the shoulder is used as a staging area, traffic control for shoulders would be implemented and police officers may be required.

The initial BMP can not be paid as force account because of the variable areas of work. The type and limits of the BMPs are dependent upon the contractor's means and methods for the fence installation and differing site conditions throughout the length of the project. The contractor should consider this in determining the cost of the initial BMP.

The right-of-way layout will not be provided because the new chain link fence will be in the same alignment as the existing fence.

The proposal quantity for the chain link fence should be sufficient to compensate the sag and the crown in the alignment.

1. Question: Why can't the reference Section 722 in Subsection 607.02 - Materials be deleted?

Response: Reference Section 722 in Section 607.02 - Materials can not be deleted because of the required materials specified in Section 722.

2. Question: Is hydro-mulch the only ground cover for the disturbed areas?

Response: No, see amended Subsection 607.03(F) - Grubbing.

3. Question: Can concrete hand mix on-site be used in lieu of plant mix?

Response: Yes, see Subsection 601.03(D) - Mixing for maximum allowable hand mix batch quantity.

Pre-Bid Conference concluded at 10:45 AM.

**INTERSTATE ROUTE H-1, INSTALLATION OF ACCESS CONTROL
MAKAKILO INTERCHANGE TO VICINITY OF H-1/H-2 INTERCHANGE**

PROJECT NO. IM-H1-1(259)

PRE-BID MEETING

JANUARY 3, 2012, 9:00 A.M.

601 Kamokila Boulevard, Room 609, Kapolei

NO.	NAME	COMPANY	PHONE NO.
1.	MANNY QUODALA	HDOT	692-7593
2.	Neal Hahn	GIP Roadway Solutions	833-2502
3.	Bronson Abellanida	David's Fencing	677-8060
4.	ROBERT SABATINI	CHOICE FENCE	682-3770
5.	Charles Tieda	i2 Construction, Inc.	741 0739
6.	Stephen Matsumura	Islandwide Fence INC	935-0800
7.	Cole Millare	GIP Roadway Solutions, Inc	216-2456
8.	U/SHIMABUKURO	GIP Roadway Solutions	478-9396
9.	STEVE MYERS	TRITON - MARINE CONST	478-3827
10.	Scott HKA	Volve Svc	682-3810
11.	SCOTT NAKAMURA	SITE ENGINEERING INC	841-8883
12.			
13.			
14.			