

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

**ADDENDUM NO. 2**

for

**KALANIANA'OLE HIGHWAY,  
IMPROVEMENTS PHASE 2, POALIMA STREET TO THE VICINITY OF MAKAI PIER**

**FEDERAL-AID PROJECT NO. NH-072-1(059)**

**March 25, 2021**

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

**A. NOTICE TO BIDDERS**

1. Prospective bidders are hereby notified that receiving of sealed proposals postpone until further notice. The attached NOTICE TO BIDDERS shall be incorporated and made part of the NOTICE TO BIDDERS.

**B. SPECIFICATIONS**

1. Replace TABLE OF CONTENTS dated 2/26/21 with the attached TABLE OF CONTENTS dated r3/25/21.
2. Replace Section 622 – ROADWAY AND SIGN LIGHTING SYSTEM dated 7/1/18 with the attached Section 622 – ROADWAY AND SIGN LIGHTING SYSTEM dated r3/25/21.
3. Replace Section 624 – WATER SYSTEM dated 11/6/20 with the attached Section 624 – WATER SYSTEM dated r3/25/21.
4. Add Section 636 – E-CONSTRUCTION dated r3/25/21.
5. Replace Section 638 – PORTLAND CEMENT CONCRETE CURB AND GUTTER dated 7/1/18 with the attached Section 638 – PORTLAND CEMENT CONCRETE CURB AND GUTTER dated r3/25/21.
6. Add Section 652 – ARCHAEOLOGICAL MONITORING dated r3/25/21.

7. Replace Section 712 – MISCELLANEOUS dated 3/30/06 with the attached Section 712 – MISCELLANEOUS dated 3/25/21.
8. Replace WAGE RATES dated 02/19/2021 with the attached WAGE RATES dated 03/19/2021.

#### **C. PROPOSAL**

1. Replace Proposal Schedule pages P-8 through P-16 dated 12/08/20 with the attached Proposal Schedule pages P-8 through P-16 dated 3/25/21.

#### **D. PLANS**

1. Replace Plan Sheet Nos. 17, 57, 58, 59, 84, 86, 87, 88, 89, 100, 101, 102, 103, 104, 105, 108, 126, 127, 130, 131, 133, 134, 153, with the attached Plan Sheet Nos. ADD.17, ADD.57, ADD.58, ADD.59, ADD.84, ADD.86, ADD.87, ADD.88, ADD.89, ADD.100, ADD.101, ADD.102, ADD.103, ADD.104, ADD.105, ADD.108, ADD.126, ADD.127, ADD.130, ADD.131, ADD.133, ADD.134, ADD.153.

The following is provided for information.

#### **E. PRE-BID MEETING MINUTES**

1. Attached are the March 17, 2021 Pre-bid Meeting Minutes and attendance Sheet for your information.

#### **F. CONTRACTOR RFI's**

Attached are responses to Contractor RFI's for your information.

Please acknowledge receipt of this Addendum No. 2 by recording the date of its receipt in the space provided on page P-4 of the Proposal.

A handwritten signature in black ink, appearing to read "Jade T. Butay", is positioned above a horizontal line.

JADE T. BUTAY  
Director of Transportation

## **NOTICE TO BIDDERS**

The receiving of SEALED BIDS for **KALANIANA'OLE HIGHWAY, IMPROVEMENTS PHASE 2, POALIMA STREET TO THE VICINITY OF MAKAI PIER**, Federal-Aid Project No. NH-072-1(059), in HlePRO, is hereby postpone until further notice.



JADE T. BUTAY  
Director of Transportation



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Performance Bond

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**NH-072-1(059)**

**-3-**

**ADDENDUM NO. 2**

**r3/25/2021**

1                   **SECTION 622 – ROADWAY AND SIGN LIGHTING SYSTEM**

2  
3     Make the following amendment to said Section:

4  
5     **(I) Amend Section 622.04 - Measurement** by replacing lines 402 to 403 to  
6     read:

7  
8     **“622.04        Measurement.** The Engineer will measure the various  
9     components of said system per each, if contracted on a unit price basis.”

10  
11    **(II) Amend Section 622.05 – Payment** by replacing lines 405 to 418 to read:

12  
13    **“622.05        Payment.** The Engineer will pay for the roadway lighting systems,  
14    sign illumination systems, lighting systems on structures, modifying systems,  
15    temporary systems, or removing systems on a lump sum basis if specified in the  
16    proposal.

17  
18           The Engineer will pay for the accepted quantities of the various units of  
19    said systems at the contract unit price per each if specified in the proposal.

20  
21           The price shall be full compensation for and for furnishing and installing,  
22    modifying or removing the systems, excavating and backfilling, restoring  
23    sidewalks, pavements and appurtenances damaged or destroyed during  
24    construction, salvaging existing materials; making required tests, furnishing  
25    labors, materials, equipment, tools, and incidentals necessary to complete the  
26    work.

27  
28           The Engineer will consider full compensation for additional materials and  
29    labor not shown in the contract that are necessary to complete the installation of  
30    the various systems incidental to the various contract items. The Engineer will  
31    not allow additional compensation.

32  
33           The Engineer will pay for the following pay items when included in the  
34    proposal schedule:

35  
36           

<b>Pay Item</b>	<b>Pay Unit</b>
38/2 Adjust Top of Street Light Box	Each
40/2 Adjust Top of Telephone Pullbox	Each”

41  
42                                   **END OF SECTION 622**

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**(I) Amend Section 624.05 Payment**, from line 589 to 596 to read as follows:

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

Pay Item	Pay Unit
Fire Hydrant	Lump Sum
Relocating Existing 12" Waterline	Lump Sum
Relocating Existing 6" Waterline	Lump Sum
Relocating Existing 4" Waterline	Lump Sum
Relocating Existing 2 1/2" Waterline	Lump Sum
Relocating Existing 2" Waterline	Lump Sum
Reinforced Concrete Jacket (Water)	Linear Foot"

**END OF SECTION 624**

1/2 Make the following Section a part of the Standard Specifications:

2  
3 **“SECTION 636 – E-CONSTRUCTION**

4  
5  
6 **636.01 Description.** This section is for furnishing e-construction software for the  
7 Project.

8  
9 **636.02 General Requirements.** The Contractor shall:

10  
11 (A) Provide licenses for the E-Construction platform designated by HDOT.

12  
13 **636.03 Not used.**

14  
15 **636.04 Measurement.** The Engineer will measure the fee for the license(s)  
16 associated with the “E-Construction Program” on a force account basis in  
17 accordance with Subsection 109.06 – Force Account Provisions and Compensation.

18  
19 **636.05 Payment.** The Engineer will pay for the fee for the license for the E-  
20 construction Program on a force account basis in accordance with Subsection  
21 109.06 – Force Account Provisions and Compensation. Payment will be full  
22 compensation for the “E-Construction” licensing fee as prescribed in this section  
23 and contract documents. The actual amount to be paid will be the sum shown on  
24 the accepted force account records whether this sum be more or less than the  
25 estimated amount allocated in the proposal schedule.”

26  
27 **Pay Item** **Pay Unit**  
28  
29 E-Construction license Force Account

30  
31  
32  
33  
34 **END SECTION 636**

1       **SECTION 638 – PORTLAND CEMENT CONCRETE CURB AND GUTTER**

2  
3       Make the following amendments to said Section:

4  
5       **(I)** Amend **638.04 – Measurement** by revising lines 130 to 131 to read as  
6       follows:

7  
8       **“638.04 Measurement.** The Engineer will measure curb and/or gutter, both  
9       new and reset, by the linear foot. The Engineer will measure along the front face  
10      of the curb at the finished grade elevation. If the Engineer measures gutter  
11      separately, the Engineer will measure gutter along the front face of the gutter.  
12      The Engineer will not make deduction in gutter length for drainage  
13      appurtenances installed such as catch basins and drop inlets.

14  
15      The Engineer will measure curb and/or gutter transition for payment as  
16      follows:

17

From	To	Measurement for Payment
Cast-in-place Curb and Gutter Type 2DG	Cast-in-place Curb and Gutter Type 2DG	Cast-in-place Curb and Gutter 1/2 of Transition to each type
Cast-in-place 3-Inch Curb	Cast-in-place 3-Inch Curb	Cast-in-place Full 3-Inch Curb
Cast-in-place 4-Inch Mountable Curb and Gutter	Cast-in-place 4-Inch Mountable Curb and Gutter	Cast-in-place 4-Inch Mountable Curb and Gutter Full Transition


18  
19      The Engineer will measure precast concrete drop curb and driveway curb  
20      or cast-in-place integral driveway curb and gutter under the adjacent normal curb  
21      and/or gutter.”

22  
23      **(II)** Amend **638.05 – Payment** by revising lines 133 to 148 to read as follows:

24  
25      **“638.05 Payment.** The Engineer will pay for the accepted quantities of curb  
26      and/or gutter at the contract unit price per linear foot for each type of curb and/or  
27      gutter specified.

28  
29      Payment will be full compensation for work prescribed in this section and  
30      contract documents.

31  
32      The Engineer will pay for each of the following pay items when included in  
33      proposal schedule:

	<b>Pay Item</b>	<b>Pay Unit</b>
36		
37		
38	Curb and Gutter, Type 2DG	Linear Foot
39		
40	 3-Inch Curb	Linear Foot
41		
42	4-Inch Mountable Curb and Gutter	Linear Foot
43		
44	Transition from 4-Inch to 6-Inch Curb and Gutter	Linear Foot
45		
46	Concrete Thru Gutter	Linear Foot"
47		
48		
49	<b>END OF SECTION 638</b>	



1 <sup>2</sup>△ Make the following Section a part of the Standard Specifications:

2  
3 **"SECTION 652 – ARCHAEOLOGICAL MONITORING**

4  
5 **652.01 Description.** This work includes archaeological monitoring of  
6 construction activities to identify, and provide mitigation for, archaeological  
7 resources and/or human burials that may be located in the project area.

8  
9 **652.02 Materials.** None specified.

10  
11 **652.03 Construction.** An approved Final Archaeological Monitoring plan is  
12 on file with the Department of Land and Natural Resources, State Historic  
13 Preservation Division (SPHD). A copy of the plan is available for viewing at the  
14 State of Hawaii Department of Transportation, Highway Division, Oahu District  
15 Office. The Contractor shall adhere to the conditions of the monitoring plan as  
16 well as comply with the requirements of Section 107.13(B) – Archaeological,  
17 Historical, and Burial Sites.

18 The Contractor shall obtain the services of a qualified Archaeologist or  
19 firm to monitor all ground altering disturbance work such as clearing and  
20 grubbing, excavation, and trenching activities for historical remains such as  
21 artifacts, burials, concentration of shells, or charcoal, and to fulfill the other  
22 requirements of the monitoring plan.

23 If remains are found, work shall cease in the immediate vicinity of the find  
24 and the find shall be protected from further damage. The Archaeologist shall  
25 immediately contact the State Historical Preservation Division (692-8023), which  
26 will assess the significance of the find and recommend appropriate mitigation  
27 measures, if necessary.

28  
29 A list of Archaeologist or Archaeological firms meeting the requirements to  
30 perform such work can be obtained on the SHPD website at  
31 <http://dlnr.hawaii.gov/shpd/files/2013/05/2015-Permittee-List-5.pdf> or by  
32 contacting SHPD's main office at (808) 692-8015.

33  
34  
35 **652.04 Measurement.** The Engineer will measure archaeological monitoring,  
36 including remedial measures, on a force account basis according to Subsection  
37 109.06 – Force Account Provisions and Compensation and as ordered by the  
38 Engineer.

39  
40 **652.05 Payment.** The Engineer will pay for the accepted archaeological  
41 monitoring, including remedial measures, on a force account basis. Payment will  
42 be full compensation for the work prescribed in this section, by the Engineer, and  
43 the contract documents.

44  
45 The Engineer will pay for the following pay item:  
46

	<b>Pay Item</b>	<b>Pay Unit</b>
47		
48		
49	Archaeological Monitoring	Force Account

50

51       An estimated amount for the force account is allocated as shown in the

52 proposal schedule under 'Archaeological Monitoring', but the actual amount to

53 be paid will be the sum shown on the accepted force account records, whether

54 this sum be more or less than the estimated amount allocated in the proposal

55 schedule.

56

57       The Engineer will not pay for work required that is due to the Contractor's

58 convenience, negligence, carelessness or failure to properly monitor excavation

59 activity.

62

63

64

**END OF SECTION 652**

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**(I) Amend 712.07(A) Frame and Cover** from line 98 to line 112 to read as follows:

(II) Amend **712.07(B) Frame and Grate** from line 114 to line 132 to read as follows:

Steel frame and grate shall conform to ASTM A 283/A 283 M, Grade D; ASTM A 27/A 27M, Grade 65-35; or ASTM A 47/A 47 M, Grade 35018. Zinc coating shall be provided in accordance with ASTM A 123/A 123M.

Fabricated frame and grate shall be true to line and free of twists, bends, and open joints. Splices will not be allowed. Cut surfaces and edges shall be made smooth by machining or grinding before fabrication of frame and grate.

Size and length of weld shall be as specified in contract documents. Welds shall be free of defects, discontinuities and shall have full penetration.”

NH-072-1(059)  
712a

"General Decision Number: HI20210001 03/19/2021

Superseded General Decision Number: HI20200001

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 \$10.95 for calendar year 2021 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 \$10.95 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 2021. 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](http://www.dol.gov/whd/govcontracts).

Modification Number	Publication Date
0	01/01/2021
1	01/08/2021
2	01/22/2021
3	02/12/2021
4	02/19/2021
5	03/19/2021

ASBE0132-001 08/30/2020

	Rates	Fringes
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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.....	\$ 41.90	25.65
-----		
BOIL0627-005 01/01/2013		
	Rates	Fringes
BOILERMAKER.....	\$ 35.20	27.35
-----		
BRHI0001-001 08/31/2020		
	Rates	Fringes
BRICKLAYER		
Bricklayers and Stonemasons.....	\$ 45.95	29.59
Pointers, Caulkers and Weatherproofers.....	\$ 46.21	29.59
-----		
BRHI0001-002 08/31/2020		
	Rates	Fringes
Tile, Marble & Terrazzo Worker		
Terrazzo Base Grinders.....	\$ 41.69	28.11
Terrazzo Floor Grinders and Tenders.....	\$ 40.14	28.11
Tile, Marble and Terrazzo Workers.....	\$ 43.50	28.11
-----		
CARP0745-001 08/31/2020		
	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.....	\$ 50.50	23.59
Millwrights and Machine Erectors.....	\$ 50.75	23.59
Power Saw Operators (2 h.p. and over).....	\$ 50.65	23.59
-----		
CARP0745-002 08/31/2020		
	Rates	Fringes
Drywall and Acoustical Workers and Lathers.....	\$ 50.50	23.59
-----		
ELEC1186-001 08/23/2020		
	Rates	Fringes
Electricians:		
Cable Splicers.....	\$ 56.71	31.16
Electricians.....	\$ 51.55	29.58
Telecommunication worker....	\$ 32.69	12.96
-----		
ELEC1186-002 08/23/2020		

	Rates	Fringes
Line Construction:		
Cable Splicers.....	\$ 56.71	31.16
Groundmen/Truck Drivers.....	\$ 38.66	25.63
Heavy Equipment Operators...	\$ 46.40	28.00
Linemen.....	\$ 51.55	29.58
Telecommunication worker....	\$ 32.69	12.96

-----  
ELEV0126-001 01/01/2021

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 63.18	35.825+a+b

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

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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.

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ENGI0003-044 09/03/2018

	Rates	Fringes
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#### 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

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IRON0625-001 09/01/2020

	Rates	Fringes
Ironworkers:.....	\$ 42.50	36.84
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.		

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LAB00368-001 09/02/2020

	Rates	Fringes
Laborers:		
Driller.....	\$ 39.70	22.68
Final Clean Up.....	\$ 29.65	18.17
Gunite/Shotcrete Operator and High Scaler.....	\$ 39.20	22.68
Laborer I.....	\$ 38.70	22.68
Laborer II.....	\$ 36.10	22.68
Mason Tender/Hod Carrier....	\$ 39.20	22.68
Powderman.....	\$ 39.70	22.68
Window Washer (bosun chair).\$	38.20	22.68

#### 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, establishing 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 unloading in storage area); Ground and Soil Treatment Work (Pest Control); Gunite/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 waterpools, 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 Scalers; 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; Stripper (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 and false

work.

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LAB00368-002 09/01/2020

	Rates	Fringes
Landscape & Irrigation		
Laborers		
GROUP 1.....	\$ 26.40	14.25
GROUP 2.....	\$ 27.40	14.25
GROUP 3.....	\$ 21.70	14.25

#### 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.

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LAB00368-003 09/02/2020

	Rates	Fringes
Underground Laborer		
GROUP 1.....	\$ 39.30	22.68
GROUP 2.....	\$ 40.80	22.68
GROUP 3.....	\$ 41.30	22.68
GROUP 4.....	\$ 42.30	22.68
GROUP 5.....	\$ 42.65	22.68
GROUP 6.....	\$ 42.90	22.68
GROUP 7.....	\$ 43.35	22.68

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)

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PAIN1791-001 01/01/2021

	Rates	Fringes
Painters:		
Brush.....	\$ 38.90	30.09
Sandblaster; Spray.....	\$ 38.90	30.09

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PAIN1889-001 07/01/2020

	Rates	Fringes
Glaziers.....	\$ 39.50	34.85

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PAIN1926-001 03/03/2020

	Rates	Fringes
Soft Floor Layers.....	\$ 36.65	31.29

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PAIN1944-001 01/05/2020

	Rates	Fringes
Taper.....	\$ 43.10	29.90

-----  
PLAS0630-001 09/02/2019

	Rates	Fringes
PLASTERER.....	\$ 42.64	30.58

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PLAS0630-002 09/02/2019

	Rates	Fringes
Cement Masons:		
Cement Masons.....	\$ 41.10	30.68
Trowel Machine Operators....	\$ 41.25	30.68

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\* PLUM0675-001 01/03/2021

	Rates	Fringes
Plumber, Pipefitter, Steamfitter & Sprinkler Fitter...	\$ 51.43	24.55

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ROOF0221-001 09/06/2020

	Rates	Fringes
Roofers (Including Built Up, Composition and Single Ply).....	\$ 41.80	20.50

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SHEE0293-001 09/02/2018

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

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SUHI1997-002 09/15/1997

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

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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](http://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)).

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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.

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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
201.0100	Clearing and Grubbing	13,195	S.Y.	\$ _____	\$ _____
202.0100	Removal of Existing Guardrail and End Terminals	L.S.	L.S.	L.S.	\$ _____
202.0200	Removal of Signs	208	EA	\$ _____	\$ _____
202.0300	Removal of Survey Monuments	3	EA	\$ _____	\$ _____
202.0400	Removal of AC Walkway and Curb	2,346	S.Y.	\$ _____	\$ _____
202.0500	Removal of PCC Sidewalk (Includes Curb Ramp, and Curb and Gutter)	271	S.Y.	\$ _____	\$ _____
202.0600	Removal of Bolt Down Curb	L.S.	L.S.	L.S.	\$ _____
202.0700	Removal of Drain Inlet	2	EA	\$ _____	\$ _____
202.0800	Removal of Bus Shelter & Concrete Pad	L.S.	L.S.	L.S.	\$ _____
204.0100	Trench Excavation for Traffic Counting Station	25	C.Y.	\$ _____	\$ _____
204.0200	Trench Backfill for Traffic Counting Station	L.S.	L.S.	L.S.	\$ _____
206.0100	Excavation and Backfill for Drainage Facilities	2,084	C.Y.	\$ _____	\$ _____
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP	L.S.	L.S.	L.S.	\$ _____
209.0200	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	\$ 100,000.00
301.0100	HMA Base Course	4,792	TON	\$ _____	\$ _____

## PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
401.0100	Pavement Smoothness Incentive	Allowance	Allowance	Allowance	\$ 99,225.00
401.0200	HMA Pavement, Mix No. IV	10,015	TON	\$ _____	\$ _____
401.0300	PMA Pavement	7,220	TON	\$ _____	\$ _____
414.0100	Excavation of Weakened Pavement Areas	4,461	C.Y.	\$ _____	\$ _____
415.0100	Cold Planing	68,085	S.Y.	\$ _____	\$ _____
503.0100	12-Inch High (Maximum) Grade Wall	210	L.F.	\$ _____	\$ _____
603.0100	Clean Existing Culverts	F.A.	F.A.	F.A.	\$ 100,000.00
603.0200	24-Inch Reinforced Concrete Pipe	1,987	L.F.	\$ _____	\$ _____
604.0100	Type 1A-9 Grated Drop Inlet	1	EA	\$ _____	\$ _____
604.0200	Modified Type 2A-9 Grated Drop Inlet	1	EA	\$ _____	\$ _____
604.0300	Type A Storm Drain Manhole	3	EA	\$ _____	\$ _____
604.0400	Type B1 Catch Basin	11	EA	\$ _____	\$ _____
604.0500	Concrete Headwall	1	EA	\$ _____	\$ _____
606.0100	Midwest Guardrail System w/Blockouts	5,146	L.F.	\$ _____	\$ _____
606.0200	Transition from Strong Post W-Beam to Midwest Guardrail System	1	EA	\$ _____	\$ _____

## PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
606.0300	Long-Span MGS Type 3 W-Beam (31 Inches) (1 Post Omitted)	15	EA	\$ _____	\$ _____
606.0400	Long-Span MGS Type 3 W-Beam (31 Inches) (2 Posts Omitted)	5	EA	\$ _____	\$ _____
606.0500	MSKT - SP - MGS (TL-3) End Treatment	11	EA	\$ _____	\$ _____
606.0600	Trailing-End Anchorage System	12	EA	\$ _____	\$ _____
607.0100	6 Feet, Chain Link Fence (without Toprail)	56	L.F.	\$ _____	\$ _____
607.0200	Chain Link Gate, 6-Feet High and 4-Feet Wide	1	EA	\$ _____	\$ _____
610.0100	(8-Inch) Reinforced Concrete Driveway	7	EA	\$ _____	\$ _____
614.0100	Street Survey Monument	14	EA	\$ _____	\$ _____
617.0100	Imported Planting Soil	L.S.	L.S.	L.S.	\$ _____
618.0100	Rectangular Rapid Flashing Beacon	15	EA	\$ _____	\$ _____
621.0100	Enhanced Vehicle Classification Traffic Counting System	L.S.	L.S.	L.S.	\$ _____
622.0100	Adjust Top of Street Light Pullbox	13	EA	\$ _____	\$ _____
622.0200	Adjust Top of Telephone Pullbox	2	EA	\$ _____	\$ _____
623.0100	Adjust Traffic Signal Pole	5	EA	\$ _____	\$ _____
624.0100	Fire Hydrant	L.S.	L.S.	L.S.	\$ _____



## PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
624.0200	Relocating Existing 12" Waterline	L.S.	L.S.	L.S.	\$ _____
624.0300	Relocating Existing 6" Waterline	L.S.	L.S.	L.S.	\$ _____
624.0400	Relocating Existing 4" Waterline	L.S.	L.S.	L.S.	\$ _____
624.0500	Relocating Existing 2-1/2" Waterline	L.S.	L.S.	L.S.	\$ _____
624.0600	Relocating Existing 2" Waterline	L.S.	L.S.	L.S.	\$ _____
624.0700	Reinforced Concrete Jacket (Water)	67	L.F.	\$ _____	\$ _____
625.0100	Reinforced Concrete Jacket (Sewer)	30	L.F.	\$ _____	\$ _____
626.0100	Adjusting Water Manhole Frame and Cover	15	EA	\$ _____	\$ _____
626.0200	Adjusting Water Standard Valve Box	36	EA	\$ _____	\$ _____
626.0300	Adjusting Water Meter	6	EA	\$ _____	\$ _____
626.0400	Adjusting Sewer Manhole Frame and Cover	18	EA	\$ _____	\$ _____
627.0100	Bolt Down Curbing	167	L.F.	\$ _____	\$ _____
629.0100	Single 4-Inch White Pavement Striping (Thermoplastic Extrusion)	2,126	L.F.	\$ _____	\$ _____
629.0200	Double 4-Inch Yellow Pavement Striping (Thermoplastic Extrusion)	21,549	L.F.	\$ _____	\$ _____
629.0300	Single 6-Inch White Pavement Striping (Thermoplastic Extrusion)	37,040	L.F.	\$ _____	\$ _____

## PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.0400	Single 6-Inch Yellow Pavement Striping (Thermoplastic Extrusion)	1,217	L.F.	\$ _____	\$ _____
629.0500	Single 8-Inch White Pavement Striping (Thermoplastic Extrusion)	4,846	L.F.	\$ _____	\$ _____
629.0600	Single 12-Inch White Pavement Striping (Thermoplastic Extrusion)	588	L.F.	\$ _____	\$ _____
629.0700	Single 12-Inch Yellow Pavement Striping (Thermoplastic Extrusion)	573	L.F.	\$ _____	\$ _____
629.0800	Single 24-Inch White Pavement Striping (Thermoplastic Extrusion)	443	L.F.	\$ _____	\$ _____
629.0900	4-Inch White Guide Line Striping (Thermoplastic Extrusion)	3,642	L.F.	\$ _____	\$ _____
629.1000	4-Inch Yellow Guide Line Striping (Thermoplastic Extrusion)	37	L.F.	\$ _____	\$ _____
629.1100	Yellow Paint (Median Island Curb)	364	L.F.	\$ _____	\$ _____
629.1200	Crosswalk Marking (Thermoplastic Extrusion)	58	LANE	\$ _____	\$ _____
629.1300	Pavement Arrow (Thermoplastic Extrusion)	33	EA	\$ _____	\$ _____
629.1400	Pavement Word (Thermoplastic Extrusion)	65	EA	\$ _____	\$ _____
629.1500	Type A Pavement Marker	88	EA	\$ _____	\$ _____
629.1600	Type C Pavement Marker	1,211	EA	\$ _____	\$ _____
629.1700	Type D Pavement Marker	954	EA	\$ _____	\$ _____
629.1800	Type F Pavement Marker (BWS Fire Hydrant Marker)	32	EA	\$ _____	\$ _____

## PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1900	Type H Pavement Marker	262	EA	\$ _____	\$ _____
629.2000	Type J Pavement Marker	84	EA	\$ _____	\$ _____
630.0100	Guide Sign (More than 10 Sq. Feet) with Posts	1	EA	\$ _____	\$ _____
630.0200	Guide Sign (10 Sq. Feet or less) with Posts	16	EA	\$ _____	\$ _____
630.0300	Guide Sign (10 Sq. Feet or less) without Posts	4	EA	\$ _____	\$ _____
631.0100	Regulatory Sign (10 Sq. Feet or less) with Post	67	EA	\$ _____	\$ _____
631.0200	Regulatory Sign (10 Sq. Feet or less) without Post	66	EA	\$ _____	\$ _____
631.0300	Warning Sign (10 Sq. Feet or less) with Post	123	EA	\$ _____	\$ _____
631.0400	Warning Sign (10 Sq. Feet or less) without Post	64	EA	\$ _____	\$ _____
631.0500	Destination Sign (10 Sq. Feet or less) with Post	1	EA	\$ _____	\$ _____
631.0600	General Information Sign (10 Sq. Feet or less) with Post	4	EA	\$ _____	\$ _____
631.0700	School Sign (10 Sq. Feet or Less) with Post	13	EA	\$ _____	\$ _____
631.0800	School Sign (10 Sq. Feet or Less) without Post	9	EA	\$ _____	\$ _____
632.0100	Reflector Marker RM-2 (Bi-Directional)	9	EA	\$ _____	\$ _____
632.0200	Mile Post Marker with Post	8	EA	\$ _____	\$ _____

## PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
632.0300	Mile Post Marker without Post	8	EA	\$ _____	\$ _____
632.0400	Type II Object Marker	306	EA	\$ _____	\$ _____
632.0500	Type III Object Marker (OM3-1R) with Post	4	EA	\$ _____	\$ _____
632.0600	Type III Object Marker (OM3-1L) with Post	3	EA	\$ _____	\$ _____
634.0100	Portland Cement Concrete Sidewalk	4,099	S.Y.	\$ _____	\$ _____
634.0200	4-Inch Portland Cement Concrete Pad (Bus Shelter)	100	S.Y.	\$ _____	\$ _____
636.0100	E-Construction License	F.A.	F.A.	F.A.	\$ 190,000.00
638.0100	Curb and Gutter, Type 2DG	4,791	L.F.	\$ _____	\$ _____
638.0200	3-Inch Curb	282	L.F.	\$ _____	\$ _____
638.0300	4-Inch Mountable Curb and Gutter	289	L.F.	\$ _____	\$ _____
638.0400	Transition from 4-Inch to 6-Inch Curb and Gutter	20	L.F.	\$ _____	\$ _____
638.0500	Concrete Thru Gutter	275	L.F.	\$ _____	\$ _____
643.0100	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	\$ 100,000.00
645.0100	Traffic Control	L.S.	L.S.	L.S.	\$ _____
645.0200	Additional Police Officers, Additional Traffic Control Devices, And Advertisement	F.A.	F.A.	F.A.	\$ 150,000.00

## PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	\$ _____
650.0100	Curb Ramp, Type A	4	EA	\$ _____	\$ _____
650.0200	Curb Ramp, Type B	6	EA	\$ _____	\$ _____
650.0300	Curb Ramp Transition	3	EA	\$ _____	\$ _____
650.0400	Curb Ramp, Type D	4	EA	\$ _____	\$ _____
650.0500	Curb Ramp, Type E	2	EA	\$ _____	\$ _____
650.0600	Detectable Warning Mat	20	EA	\$ _____	\$ _____
652.0100	Archaeological Monitoring	F.A.	F.A.	F.A.	\$ 50,000.00
696.0100	Field Office Trailer (Not to Exceed \$32,000.00)	L.S.	L.S.	L.S.	\$ _____
696.0200	Maintenance of Trailer	F.A.	F.A.	F.A.	\$ 80,000.00
699.0100	Mobilization (Not to exceed 6 percent of the sum of all items excluding bid price of this item)	L.S.	L.S.	L.S.	\$ _____

### SUMMARY FOR PROPOSAL SCHEDULE

a. TOTAL AMOUNT FOR COMPARISON OF BIDS ..... \$ \_\_\_\_\_

**NOTES:**

1. Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bids.
2. Bids shall include all Federal, State, County and other applicable taxes.
3. The TOTAL AMOUNT FOR COMPARISON OF BIDS will be used to determine the lowest responsible bidder.
4. In case of a discrepancy between unit price and the total in said bid, the unit price shall prevail.

1 **PROPOSAL SCHEDULE**

2  
3 The bidder is directed to Subsection 105.16 – Subcontracts.

4  
5 The bidder's attention is directed to Sections 696 - Field Office Trailer and  
6 its maintenance and 699 - Mobilization for the limitation of the amount bidders  
7 are allowed to bid.

8  
9 If the bid price for any proposal item having a maximum allowable bid  
10 indicated therefore in any of the contract documents is in excess of such a  
11 maximum amount, the bid price for such proposal item shall be adjusted to  
12 reflect the limitation thereon. The comparison of bids to determine the  
13 successful bidder and the amount of contract to be awarded shall be determined  
14 after such adjustments are made, and such adjustments shall be binding upon  
15 the bidder.

16  
17 The bidder is directed to Section 717 – Cullet and Cullet-Made Materials  
18 regarding recycling of waste glass.

## **March 17, 2021 PRE-BID MEETING MINUTES**

**Subject:** Kalanianole Highway, Improvements Phase 2,  
Poalima Street to The Vicinity Of Makai Pier  
Island of Oahu  
Federal-Aid Project No. NH-072-1(059)

**Attendees:** See attached list of attendees.

- A. The meeting was called to order by Ka Chun Wat (HDOT Project Manager) at about 11:00 a.m. to brief the prospective bidders for the subject project.
- B. Discussion points:
  - 1. In this project, Night work to be allowed and full roadway closures are expected. HDOT has a noise variance approval. Refer to Special Provisions Spec Section 645.
  - 2. There is a shared used path on the project.
  - 3. PMA top surface pavement will be used on this project.
  - 4. There is construction of three (3) raised crosswalks in this project.
  - 5. Water and Drainage utility improvements on this project.
  - 6. An Archeological Monitoring Report (AMR) is being completed at this time and pending SHPD approval.
- C. Meeting was adjourned at about 11:20 am.

**KALANIANOLE HIGHWAY,  
IMPROVEMENTS PHASE 2, POALIMA STREET  
TO THE VICINITY OF MAKAI PIER  
OAHU**

**FEDERAL AID PROJECT NO. NH-072-1(029)**

**PRE-BID MEETING**

**March 17, 2021**

**11:00 AM**

<b>NO.</b>	<b>NAME</b>	<b>COMPANY</b>	<b>PHONE NO.</b>
1	Ka Chun Wat	HWY-DS	
2	Holly Yuen	HWY-DS	
5	Jason Aimes	Grace Pacific, LLC	
6	Matt Mooney	Roadway Highway Builders	
7	Kunito Moises	Maui Kuponono Builders	
8	Sam Peng Ho	Jas Glover	
12			
13			
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**STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION**

**Project: KALANIANOLE HIGHWAY, IMPROVEMENTS PHASE 2,  
POALIMA STREET TO THE VICINITY OF MAKAI PIER  
FEDERAL-AID PROJECT NO. NH-072-1(059)**

Prospective bidders had emailed RFI's. Questions and responses are as follows:

1. Will Detectable Warnings be required on the sidewalk along the bus pullouts.

**No, Detectable Warning Mats are not required on sidewalk along the bus pullouts.**

2. Proposal Page P-5 and P-6 contains categories to list Subcontractors, Joint Contractor, Supplier, and Manufacturer. There is no category to list DBE service providers such as Trucking. Will the State consider including a separate section for this?

**The state will not be including a separate section for this. When listing subcontractors and other providers, the nature or scope of work must be both distinct and separate, especially with similar or same scopes.**

3. DBE Requirements Section VI (G) lists factors used in counting DBE Participation for trucking companies. Since a contractor's license is not required to perform trucking services, all trucking rates are the same for all trucking companies, and Section VIII (3) directs the contractor to break up portions of work to "increase the likelihood that a DBE will be able to participate", how and where should the contractor list Trucking companies for the same service? No DBE trucking company has enough trucks to supply this project, therefore, multiple trucking companies will have to be used.

**When listing subcontractors and other non-licensed specialties or service providers, the nature or scope of work must be both distinct and separate, especially with similar or same scopes. Trucking companies can be listed on P-6.**

4. This project requires a significant amount of trucking services with a high DBE Goal and none of the DBE trucking companies have enough trucks to service this project. In an effort to increase DBE participation, multiple trucking companies will need to be used to perform the same service.

Should the contractor use the same description for the Nature of Work since each company will be performing the same service?

**When listing subcontractors and other non-licensed specialties or service providers, the nature or scope of work must be both distinct and separate, especially with similar or same scopes. Refer to the DBE Requirements, VI. Counting DBE Participation Towards Contract Goals for more information.**

5. Please clarify “distinct and separate”. This project requires trucking. On any given day, the project will use 30 trucks performing the exact same thing. None of the DBE truckers are big enough to supply the project with the needed trucks. Therefore multiple trucking companies will need to be used. Would the contractor need to hire only one DBE trucker and prevent the potential participation of other DBE truckers? Additionally, does “other providers” include traffic control companies, surveyors, quality control testing, profilograph testing, consultants, equipment mobilization, equipment maintenance, etc.? If these companies who provide a service are not available at the time the service is needed, will the contractor be able to use a different service provider?

**The contractor may hire both DBE and non-DBE trucking companies. Multiple DBE trucking companies may be used, as long as each DBE trucking company has a distinct and separate scope of work that they will be performing. However, HDOT recommends that a subcontract between one trucking company be considered, with the option for this trucking company to lease other DBE and non-DBE trucks.**

**“Other providers” may include non-licensed specialties.**

**If the companies are DBEs, please refer to the DBE Requirements – Section XI – Replacement of a DBE on a Project with a Contract Goal.**

6. What other companies would the listing requirement apply to that are not subcontractors, manufacturers or suppliers? Are all suppliers / manufacturers required to be listed or only DBE suppliers? If so, which section of P-6 shall service providers be listed.

**Refer to HRS 103D.302 section which requires the listing of all subcontractors, suppliers, etc. that will be engaged with the bidder.**

7. P-6 has three different sections: Joint contractor, Supplier, and manufacturer. If the contractor needs to list trucking companies and other service providers on this page, which section is it required to be listed under. The specifications prohibit the contractor from making changes to

the form. If service providers “can be” listed on P-6, then is it a requirement to list it on P-6 instead of P-5? If a contractor does list a service provider on P-5 (because it’s not a requirement to list on P-6), would that service provider be treated as a “subcontractor” and subject to the subcontracting laws?

**Trucking companies and service providers may be listed under the categories “Supplier” or “Manufacturer” on P-6. Include their Nature of Work (as it will be used to determine what type of service they will be providing) and indicate if they are a DBE.**

8. If service providers are listed on P-6 under the Supplier section, will only 60% of the dollar amount be counted toward the DBE goal was will all other suppliers? How can the contractor indicate they are not a supplier if made to list in the supplier section?

**The bidder should describe it in the nature of work section to clarify they are not a supplier but a service provider. Please refer to the DBE Requirements regarding how to calculate the DBE goal.**

9. If multiple DBE truckers are not allowed to be listed, this will potentially exclude and hurt the opportunity for other DBE truckers to be used. Although the DBE requirements allow other truckers to be used under the listed trucker, the listed trucker has no obligation to actually use the 2<sup>nd</sup> DBE trucker and could instead also use non-dbe trucks which would hurt the goal of increasing DBE 3articipation. Please consider allowing the listing of multiple truckers to allow general contractors to be able to help more DBE trucking companies.

**See response to question 4.**

10. Other than the definition for subcontractor listed on spec page 101-10a, are there any other definitions the State will impose on the contractor?

**No.**

11. Is the contractor restricted to only the trucking companies listed?

**Refer to DBE Requirements Section VI. G. The guidelines are in place to ensure the respective truckers, performing specific category scopes of work, are able to meet the need by allowing the leasing of additional trucks. In addition, DBE credit is recognized accordingly. Therefore, if additional truckers within the respective categories are**

**needed, each Trucker A or B should be able to expand their fleet accordingly without crossing categories.**

12. If DBE Truckers have to be listed as Distinct and separate, will the DBE office count payments to a DBE trucker that performs a service not specifically listed? For example, DBE trucker "A" is listed for trucking asphalt and DBE Trucker "B" is listed for trucking cold planed material. Will the DBE dollars spent on DBE Trucker "B" be counted for the time spent trucking asphalt?

**Yes. Truckers can be counted as long as they perform a commercially useful function. The contractor must follow the Commercially Useful Function evaluation described in the DBE Requirements Section IV. F. Truckers must perform a commercially useful function. Truckers are not to be used on an on-call basis. Bidders may consider the use of leased trucks if their fleet is not large enough, but there is nothing in the regulations that state multiple truckers cannot be used for the same hauling services. It is a state contracting law that prohibits multiple subs doing the same scope of work.**

13. If a DBE trucking companies is listed to perform trucking services, will the State also allow the use of other trucking services from Non-DBE companies that are not listed?

**Yes. Non-DBE truckers will not receive DBE credit.**

14. Please confirm the quantity for Bid Item 604.0400 Type B1 Catch Basin.

**Quantity of Bid Item 604.0400 Type B1 Catch Basin is eight (8).**

15. Please clarify work covered under Bid Item 624.0400, Relocation of 2.5" Waterline.

**Work under Bid Item Bid Item 624.0400, Relocation of Existing 2.5" Waterlines covers the water laterals that will require relocation due to conflict crossing with new 24-Inch drainline. Refer to plan ADD.130.**

16. Please clarify the work covered by Bid Item 414.0100 for the Excavation for Weakened Pavement Areas. Is this volumetric quantity for the cold planning? If so, wouldn't this conflict with Bid Item 415.0100 Cold Planing?

**Volumetric quantities for Bid Items 414.0100 and 415.0100 are separate and independent of each other. The intent is for the contractor to complete the Weakened Pavement Areas first in accordance with the respective specs and then come back and cold plane accordingly.**

17. Sheet R24 shows Curb 2D at the median, please specify what Bid Item would this be paid under.

**There is no Curb Type 2D within this project. Updated Proposal has been provided.**

18. Stationing on Roadway plans appears to be incorrect, beginning on Plan Sheet 92. Work on Plan Sheet begins at Station 69+00; however, Stationing on this sheet shows STA 50+00, and continues from this point.

**There are two horizontal control baselines on the plans being used – the established record Baseline and the project's roadway Centerline, which do not match/align. Refer to sheet R79 for established tie correlation. Plan matchlines use the established record Baseline.**

19. Specification Section 401 (M) describes performance of Pavement Smoothness Rideability Test with a High-speed inertial profiler to determine IRI of the existing pavement. Please advise where the contractor is paid for this pavement profile. Request to add line item for Cold Planing Pavement Profile.

**Pavement for test is under Bid Item 401.0100 Pavement Smoothness Incentive.**

20. If existing IRI on the roadway is a lot higher than what is called for in the specifications, it is not reasonable to expect the contractor to achieve the specified IRI's. The IRI targets should be based on improvement. The table below is an example taken from Illinois DOT:

	$MRI_0 \leq 125.0 \text{ in./mile}$ ( $\leq 1,975 \text{ mm/km}$ )	$MRI_0 > 125.0 \text{ in./mile}^{1/}$ ( $> 1,975 \text{ mm/km}$ )
Incentive ( $MRI_i$ )	45.0 in./mile (710 mm/km)	$0.2 \times MRI_0 + 20$
Full Pay ( $MRI_F$ )	75.0 in./mile (1,190 mm/km)	$0.2 \times MRI_0 + 50$
Disincentive ( $MRI_D$ )	100.0 in./mile (1,975 mm/km)	$0.2 \times MRI_0 + 75$

1/  $MRI_0$ ,  $MRI_i$ ,  $MRI_F$ , and  $MRI_D$  shall be in in./mile for calculation.

**The computed IRI to determine the MRI shall be followed in accordance with Section 401 (N).**

21. IRI requirement should be waived in sections where manholes are not adjusted as the contractor will not be able to make any changes in the grades to provide a smoother section that will meet that specification.

**Contractor is expected to adjust the top of manholes, valves, etc. within the pavement limits in order to provide a smooth pavement section in accordance with the project specifications. Adjustments for manholes, valves, etc. within the pavement limits are included in the proposal.**

22. Section 415.03 paragraph B essentially is requiring the Contractor to re-design the roadway for the State. However, no existing grades or topographic information has been provided. How is the contractor supposed to quantify what will be required to meet the project specifications without the necessary information to make informed decisions? This should be included in the bid set and designed prior to bid. This entire section does not place reasonable expectations on the Contractor at the time of bid.

**Roadway Cross-Section plans 201-243 provide the required information that includes existing topographic elevation, proposed finish elevation, slopes, and baseline/centerline stations to reconstruct the project's pavement sections.**