

**STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION**

**ADDENDUM NO. 1  
FOR  
WAIMEA CANYON DRIVE/KOKEE ROAD IMPROVEMENTS, PHASE 2B  
MILE POST 4.6 TO MILE POST 11.5  
DISTRICT OF WAIMEA  
ISLAND OF KAUAI  
FEDERAL-AID PROJECT NO. STP-0550(006)**

**NOVEMBER 13, 2024**

The Addendum shall make the following amendments(s) to the Solicitation:

**A. NOTICE TO BIDDERS**

1. Prospective bidders are **hereby notified** that receiving of bids, scheduled for November 14, 2024 at 2:00 P.M. Hawaii Standard Time (HST) is **HEREBY POSTPONED** until **November 21, 2024 at 2:00 P.M. HST**

Delete **NOTICE TO BIDDERS**, HiePRO release date October 14, 2024, in its entirety and replace it with attached **NOTICE TO BIDDERS**, dated r11/13/24.

**B. SPECIAL PROVISIONS**

1. Delete **TABLE OF CONTENTS**, dated 10/2/2024, in its entirety and replace it with attached **TABLE OF CONTENTS**, dated r11/13/24.
2. Delete **SECTION 107 – LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC**, dated 9/14/23, in its entirety and replace it with attached **SECTION 107 – LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC**, dated r11/13/24.
3. Delete **SECTION 321 – HEXAGONAL, TRAPEZOIDAL, AND TRIANGULAR GEOGRID**, dated 7/29/24, in its entirety and replace it with attached **SECTION 321 – HEXAGONAL, TRAPEZOIDAL, AND TRIANGULAR GEOGRID**, dated r11/13/24.
4. Delete **SECTION 404 – SLURRY SEAL**, dated 10/20/23, in its entirety and replace it with attached **SECTION 404 – SLURRY SEAL**, dated r11/13/24.
5. Delete **SECTION 630 – TRAFFIC CONTROL GUIDE SIGNS**, dated 1/29/24, in its entirety and replace it with attached **SECTION 630 – TRAFFIC CONTROL GUIDE SIGNS**, dated r11/13/24.

6. Delete **SECTION 631 – TRAFFIC CONTROL, REGULATORY, WARNING, AND MISCELLANEOUS SIGNS**, dated 8/15/22, in its entirety and replace it with attached **SECTION 631 – TRAFFIC CONTROL, REGULATORY, WARNING, AND MISCELLANEOUS SIGNS**, dated r11/13/24.
7. Delete **SECTION 632 – MARKERS**, dated 6/20/22, in its entirety and replace it with attached **SECTION 632 – MARKERS**, dated r11/13/24.
8. Delete **SECTION 641 – HYDRO-MULCH SEEDING**, dated 7/17/24, in its entirety and replace it with attached **SECTION 641 – HYDRO-MULCH SEEDING**, dated r11/13/24.

**C. PROPOSAL SCHEDULE**

1. Delete **PROPOSAL SCHEDULE** pages **P-8** through **P-13**, dated 9/18/24, and replace it with attached **PROPOSAL SCHEDULE** pages **P-8** through **P-13**, dated r11/13/24.

**D. FEDERAL WAGE RATES**

1. Delete **FEDERAL WAGE RATES**, dated 09/06/24, in its entirety and replace it with the attached **FEDERAL WAGE RATES** dated 10/25/24.

**E. PLANS**

1. Delete **PLAN SHEET NO. 3, GENERAL NOTES** and replace it with attached **PLAN SHEET NO. ADD. 3, GENERAL NOTES**.
2. Delete **PLAN SHEET NO. 8, GRADING NOTES** and replace it with attached **PLAN SHEET NO. ADD. 8, GRADING NOTES**.
3. Delete **PLAN SHEET NO. 146, CULVERT EXTENSION DETAILS** and replace it with attached **PLAN SHEET NO. ADD. 146, CULVERT EXTENSION DETAILS**.
4. Delete **PLAN SHEET NO. 154, PAVEMENT MARKING AND SIGNING PLAN** and replace it with attached **PLAN SHEET NO. ADD. 154, PAVEMENT MARKING AND SIGNING PLAN**.
5. Delete **PLAN SHEET NO. 155, PAVEMENT MARKING AND SIGNING PLAN** and replace it with attached **PLAN SHEET NO. ADD. 155, PAVEMENT MARKING AND SIGNING PLAN**.

6. Delete **PLAN SHEET NO. 157, PAVEMENT MARKING AND SIGNING PLAN** and replace it with attached **PLAN SHEET NO. ADD. 157, PAVEMENT MARKING AND SIGNING PLAN**.
7. Delete **PLAN SHEET NO. 161, PAVEMENT MARKING AND SIGNING PLAN** and replace it with attached **PLAN SHEET NO. ADD. 161, PAVEMENT MARKING AND SIGNING PLAN**.
8. Delete **PLAN SHEET NO. 162, PAVEMENT MARKING AND SIGNING PLAN** and replace it with attached **PLAN SHEET NO. ADD. 162, PAVEMENT MARKING AND SIGNING PLAN**.
9. Delete **PLAN SHEET NO. 169, PAVEMENT MARKING AND SIGNING PLAN** and replace it with attached **PLAN SHEET NO. ADD. 169, PAVEMENT MARKING AND SIGNING PLAN**.
10. Delete **PLAN SHEET NO. 172, PAVEMENT MARKING AND SIGNING PLAN** and replace it with attached **PLAN SHEET NO. ADD. 172, PAVEMENT MARKING AND SIGNING PLAN**.
11. Delete **PLAN SHEET NO. 181, PAVEMENT MARKING AND SIGNING PLAN** and replace it with attached **PLAN SHEET NO. ADD. 181, PAVEMENT MARKING AND SIGNING PLAN**.

The following is provided for information.

**F. ATTACHMENTS**

1. PAVEMENT JUSTIFICATION REPORT WAIMEA CANYON DRIVE/KOKEE ROAD IMPROVEMENTS PHASE 2 – BORING LOGS AND LOCATIONS
2. GEOTECHNICAL ENGINEERING EXPLORATION, WAIMEA CANYON DRIVE/KOKEE ROAD IMPROVEMENTS, PHASE II – BORING LOGS AND LOCATIONS


**G. PRE-BID MEETING MINUTES**

1. The attached **PRE-BID MEETING MINUTES** are provided for information.

**H. RESPONSES TO REQUESTS FOR INFORMATION (RFI'S/QUESTIONS)**

1. The attached **RESPONSES TO REQUESTS FOR INFORMATION** are provided for 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.



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ROBIN K. SHISHIDO  
Deputy Director of Transportation for Highways

**NOTICE TO BIDDERS**  
Hawaii Revised Statutes (HRS),  
Chapter 103D

The receiving of bids for **WAIMEA CANYON DRIVE/KOKEE ROAD IMPROVEMENTS, PHASE 2B, MILE POST 4.6 TO 11.5, DISTRICT OF WAIMEA, ISLAND OF KAUAI, FEDERAL-AID PROJECT NO. STP-0550(006)**, will begin as of the HiePRO Release Date. Bidders shall register and submit complete bids through HiePRO only. Refer to the following HiePRO link for important information on Vendor Registration:

<https://hiepro.hawaii.gov/welcome.html>.

The solicitation plans, specifications, proposal, and additional documents designated or incorporated by reference shall be available in HiePRO.

Deadline to submit bids scheduled for November 14, 2024, 2:00 p.m., Hawaii Standard Time (HST), is HEREBY POSTPONED until **November 21, 2024, 2:00 p.m., HST**. Bidders shall submit and **upload the complete proposal to HiePRO** prior to the offer due date and time. Proposals received after said due date and time shall not be considered. Any additional support documents explicitly designated as **confidential and/or proprietary** shall be uploaded as a **separate file** to HiePRO. Bidders shall not include confidential and/or proprietary documents as part of their proposal. The record of each bidder and their respective proposal shall be open to public inspection. **FAILURE TO UPLOAD THE PROPOSAL TO HiePRO SHALL BE GROUNDS FOR REJECTION.**

The scope of work consists of widening portions of the paved shoulders; reconstructing and resurfacing portions of the paved travel lanes and shoulders; grading and paving roadway shoulders; installing, replacing, and adjusting guardrails; paving underneath guardrails; performing maintenance of drainage culverts; installing and replacing signage and pavement

markings; grading a parking area with gravel; realigning an existing irrigation ditch; stabilizing the roadside embankment constructing temporary staging areas; installing temporary Best Management Practices and erosion control measures. The estimated cost of construction is between \$25,000,000 and \$30,000,000.

To be eligible for award, bidders shall possess a valid State of Hawaii General Engineering "A" license **prior to the award of contract.**

A virtual pre-bid conference is scheduled for October 22, 2024, at 10:00 a.m., HST. Interested bidders shall contact Eric Fujikawa, Project Manager, directly at [eric.i.fujikawa@hawaii.gov](mailto:eric.i.fujikawa@hawaii.gov), no later than five working days prior to the scheduled pre-bid conference to receive the meeting invitation. All prospective bidders and/or their respective representatives are encouraged to attend, however, attendance is not mandatory. All information presented at the pre-bid conference shall be provided for clarification and information only. Any amendments to the solicitation shall be made by formal addendum and posted in HiePRO.

All Request for Information (RFI) questions and Substitution Requests shall be submitted in HiePRO **no later than October 31, 2024, at 2:00 p.m., HST.** RFI questions received after the stated deadline shall not be addressed. Substitution Requests received after the stated deadline shall not be considered. Verbal RFI(s) shall not receive a response. All responses to RFI questions shall be provided for clarification and information only and issued by formal addendum. Any amendments to the solicitation shall be made by formal addendum and posted in HiePRO.

If there is a conflict between the solicitation and information stated in the pre-bid conference, the meeting minutes, and/or the responses to RFI questions, the solicitation shall govern and control, unless as amended by formal addendum.

**Campaign contributions by State and County Contractors.** Contractors are hereby notified of the applicability of HRS § 11-355 which states that campaign contributions are prohibited from

specified State or county government contractors during the term of the contract if the contractors are paid with funds appropriated by a legislative body. For more information, contact the Campaign Spending Commission at (808) 586-0285.

Protests. Any protest of this solicitation shall be submitted in writing to the Director of Transportation, in accordance with HRS § 103D-701 and Hawaii Administrative Rules § 3-126.

The Equal Employment Opportunity Regulations of the Secretary of Labor implementing Executive Order 11246, as amended, shall be complied with on this project.

The U.S. Department of Transportation Regulation entitled “Nondiscrimination in Federally Assisted Programs of the U.S. Department of Transportation”, Title 49, Code of Federal Regulations (CFR), Part 21, is applicable to this project. Bidders are hereby notified that the Department of Transportation shall affirmatively ensure that the contract entered into pursuant to this advertisement shall be awarded to the lowest responsible bidder without discrimination on the grounds of race, color, national origin, or sex (as directed by 23 CFR Part 200).

The U.S. Department of Transportation Regulations entitled "Participation by Disadvantaged Business Enterprise in Department of Transportation Financial Assistance Programs", Title 49, CFR, Part 26, is applicable to this project. Bidders are hereby notified that the Department of Transportation shall strictly enforce full compliance with all the requirements of the Disadvantaged Business Enterprise program with respect to this project.


Bidders shall read the Disadvantaged Business Enterprise Requirements, included in this solicitation, which establishes the program requirements pursuant to Title 49, CFR, Part 26, and includes the requirements of certification, method of award, and evidence of good faith. All Bidders shall email Eric Fujikawa, Project Manager, at [eric.i.fujikawa@hawaii.gov](mailto:eric.i.fujikawa@hawaii.gov), the following: “Disadvantaged Business Enterprise Contract Goal Verification and Good Faith

Efforts Documentation for Construction”; “Disadvantaged Business Enterprise Confirmation and Commitment Agreement – Trucking Company”; and “Disadvantaged Business Enterprise Confirmation and Commitment Agreement – Subcontractor, Manufacturer, or Supplier”, **no later than November 26, 2024, at 4:30 p.m., HST.** Failure to provide the respective documents shall be grounds for rejection of bid.

Driving While Impaired (DWI) Education. The Hawaii Department of Transportation (HDOT) encourages all organizations contracted with HDOT to have an employee education program preventing DWI. DWI is defined as operating a motor vehicle while impaired by alcohol or other legal or illegal substances. HDOT promotes this type of program to accomplish our mission to provide a safe environment for motorists, bicyclists, and pedestrians utilizing our State highways, and expects its contractors to do so as well.

For additional information, contact Eric Fujikawa, Project Manager, by phone at (808) 241-3015, or by email at [eric.i.fujikawa@hawaii.gov](mailto:eric.i.fujikawa@hawaii.gov).

The State reserves the right to reject any or all proposals and to waive any defects in said proposals in the best interest of the public.



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ROBIN K. SHISHIDO  
Deputy Director of Transportation for Highways

HIePRO RELEASE DATE: November 13, 2024



## **TABLE OF CONTENTS**

Notice To Bidders

Instructions for Contractor's Licensing

Notice of Requirement for Affirmative Action to Ensure  
Equal Employment Opportunity (Executive Order 11246)

Disadvantaged Business Enterprise (DBE) Requirements

Disadvantaged Business Enterprise (DBE) Contract Goal Verification and Good Faith  
Efforts (GFE) Documentation For Construction

Disadvantaged Business Enterprise (DBE) Confirmation and Commitment Agreement  
– Trucking Company

Disadvantaged Business Enterprise (DBE) Confirmation and Commitment Agreement  
– Subcontractor, Manufacturer, or Supplier

Required Federal-Aid Contract Provisions

Special Provisions Title Page

Special Provisions:

<b>DIVISION 100 - GENERAL PROVISIONS</b>		
<b>Section</b>	<b>Description</b>	<b>Pages</b>
101	Terms, Abbreviations, and Definitions	101-1a – 101-13a
102	Bidding Requirements and Conditions	102-1a – 102-8a
103	Award And Execution of Contract	103-1a – 103-4a
104	Scope of Work	104-1a – 104-2a
105	Control of Work	105-1a – 105-3a
106	Material Restrictions and Requirements	106-1a – 106-2a
107	Legal Relations and Responsibility To Public	107-1a – 107-4a
108	Prosecution And Progress	108-1a – 108-25a
109	Measurement and Payment	109-1a – 109-2a

<b>DIVISION 200 - EARTHWORK</b>		
<b>Section</b>	<b>Description</b>	<b>Pages</b>
201	Clearing and Grubbing	201-1a

202	Removal of Structures and Obstructions	202-1a
203	Excavation and Embankment	203-1a – 203-2a
206	Excavation and Backfill for Drainage Facilities	206-1a
207	Ditch and Channel Excavation	207-1a
209	Temporary Water Pollution, Dust, and Erosion Control	209-1a – 209-28a

<b>DIVISION 300 - BASES</b>		
<b>Section</b>	<b>Description</b>	<b>Pages</b>
301	Hot Mix Asphalt Base Course	301-1a – 301-2a
305	Aggregate Subbase Course	305-1a
307	Lithified Recycled Base	307-1a – 307-6a
321	Hexagonal, Trapezoidal, and Triangular Geogrid	321-1a – 321-3a

<b>DIVISION 400 - PAVEMENTS</b>		
<b>Section</b>	<b>Description</b>	<b>Pages</b>
401	Hot Mix Asphalt Pavement	401-1a – 401-36a
404	Slurry Seal	404-1a – 404-4a
407	Tack Coat	407-1a
415	Cold Planing of Existing Pavement	415-1a

<b>DIVISION 500 - STRUCTURES</b>		
<b>Section</b>	<b>Description</b>	<b>Pages</b>
508	Cement Rubble Masonry	508-1a

<b>DIVISION 600 - INCIDENTAL CONSTRUCTION</b>		
<b>Section</b>	<b>Description</b>	<b>Pages</b>
601	Structural Concrete	601-1a – 601-19a
603	Culverts and Storm Drains	603-1a – 603-2a
606	Guardrail	606-1a – 606-2a
629	Pavement Markings	629-1a – 629-5a
630	Traffic Control Guide Sign	630-1a – 630-2a

631	Traffic Control Regulatory, Warning, and Miscellaneous Signs	631-1a – 631-2a
632	Markers	632-1a – 632-2a
636	E-Construction	636-1a – 636-3a
641	Hydro-Mulch Seeding	641-1a – 641-2a
645	Work Zone Construction	645-1a – 645-3a
655	Dumped Riprap	655-1a
671	Protection of Threatened and Endangered Species	671-1a – 671-5a
675	Vegetative Geotextile for Slope Stabilization	675-1a – 675-3a
699	Mobilization	699-1a

<b>DIVISION 700 - MATERIALS</b>		
<b>Section</b>	<b>Description</b>	<b>Pages</b>
701	Hydraulic Cement	701-1a
702	Bituminous Materials	702-1a – 702-2a
703	Aggregates	703 -1a – 703-2a
712	Miscellaneous Frames, Grates, Covers and Ladder Rungs	712-1a
717	Cullet and Cullet-Made Materials	717-1a – 717-2a
750	Traffic Control Sign and Marker Materials	750-1a – 750-2a
755	Pavement Marking Materials	755-1a

Requirement of Chapter 104, HRS  
Wages and Hours of Employees on Public Works Law

Federal Wage Rates

Proposal Title Page

Proposal .....P-1 – P-7  
Proposal Schedule .....P-8 - P-14

Surety Bid Bond

Sample Forms

Contract

Performance Bond (Surety)

Performance Bond

Labor and Material Payment Bond (Surety)

Labor and Material Payment Bond

Disclosure of Lobbying Activities  
Standard Form - LLL and LLL-A

Statement of Compliance  
Form WH-348

Chapter 104, HRS Compliance Certificate

## **END OF TABLE OF CONTENTS**

1       **SECTION 107 - LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC**

2  
3       Make the following amendments to said Section:

4  
5       **(I)**       Amend **Section 107.01 Insurance Requirements** from lines 5 to 81 to  
6       read as follows:

7  
8       **“(A) Obligation of Contractor.** Contractor shall not commence any  
9       work until it obtains, at its own expense, all required insurance described  
10      herein. Such insurance shall be provided by an insurance company  
11      authorized by the laws of the State to issue such insurance in the State of  
12      Hawaii. Coverage by a “Non-Admitted” carrier is permissible provided the  
13      carrier has a Best’s Rating of “A-VII” or better. The Contractor shall  
14      maintain and ensure all insurance policies are current for the full period of  
15      the contract until final acceptance of the work by the State.  
16

17               The Certificate of Insurance shall contain: a clause that it is agreed  
18      that any insurance maintained by the State of Hawaii will apply in excess  
19      of, and not contribute with, insurance provided by this policy; and shall be  
20      accompanied by endorsement form CG2010 or equivalent naming the  
21      State as an additional insured to the policy which status shall be  
22      maintained for the full period of the contract until final acceptance of the  
23      work by State.  
24

25               The Contractor shall obtain all required insurance as part of the  
26      contract price. Where there is a requirement for the State of Hawaii and  
27      its officers and employees to be named as additional insureds under any  
28      Contractor’s insurance policy, before the State of Hawaii issues the Notice  
29      to Proceed, the Contractor shall obtain and submit to the Engineer a  
30      Certificate of Insurance and a written policy endorsement that confirms the  
31      State of Hawaii and its officers and employees are additional insureds for  
32      the specific State project number and project title under such insurance  
33      policies. The written policy endorsement must be issued by the insurance  
34      company insuring the Contractor for the specified policy type or by an  
35      agent of such insurance company who is vested with the authority to issue  
36      a written policy endorsement. The insurer’s agent shall also submit  
37      written confirmation of such authority to bind the insurer. Any delays in  
38      the issuance of the Notice to Proceed attributed to the failure to obtain the  
39      proof of the State of Hawaii and its officers and employees’ additional  
40      insured status shall be charged to the Contractor.  
41

42               A mere Certificate of Insurance issued by a broker who represents  
43      the Contractor (but not the Contractor’s insurer), or by any other party who  
44      is not authorized to contractually name the State as an additional insured  
45      under the Contractor’s insurance policy, is not sufficient to meet the  
46      Contractor’s insurance obligations.

47  
48           Certificates shall contain a provision that coverages being certified  
49 will not be cancelled or materially changed without giving the Engineer at  
50 least thirty (30) days prior written notice. Contractor will immediately  
51 provide written notice to the Director should any of the insurance policies  
52 evidenced on its Certificate of Insurance form be cancelled, reduced in  
53 scope or coverage, or not renewed upon expiration. Should any policy be  
54 canceled before final acceptance of the work by the State, and the  
55 Contractor fails to immediately procure replacement insurance as  
56 specified, the State, in addition to all other remedies it may have for such  
57 breach, reserves the right to procure such insurance and deduct the cost  
58 thereof from any money due or to become due to the Contractor.  
59

60           Nothing contained in these insurance requirements is to be  
61 construed as limiting the extent of Contractor's responsibility for payment  
62 of damages resulting from its operations under this contract, including the  
63 Contractor's obligation to pay liquidated damages, nor shall it affect the  
64 Contractor's separate and independent duty to defend, indemnify and hold  
65 the State harmless pursuant to other provisions of this contract. In no  
66 instance will the State's exercise of an option to occupy and use  
67 completed portions of the work relieve the Contractor of its obligation to  
68 maintain the required insurance until the date of final acceptance of the  
69 work.  
70

71           All insurance described herein shall be primary and cover the  
72 insured for all work to be performed under the contract, all work performed  
73 incidental thereto or directly or indirectly connected therewith, including  
74 but not limited to traffic detour work, barricades, warnings, diversions, lane  
75 closures, and other work performed outside the work area and all change  
76 order work.  
77

78           The Contractor shall, from time to time, furnish the Engineer, when  
79 requested, satisfactory proof of coverage of each type of insurance  
80 required covering the work. Failure to comply with the Engineer's request  
81 may result in suspension of the work, and shall be sufficient grounds to  
82 withhold future payments due the Contractor and to terminate the contract  
83 for Contractor's default.  
84

85           **(B) Types of Insurance.** Contractor shall purchase and maintain  
86 insurance described below which shall provide coverage against claims  
87 arising out of the Contractor's operations under the contract, whether such  
88 operations be by the Contractor itself or by any subcontractor or by  
89 anyone directly or indirectly employed by any of them or by anyone for  
90 whose acts any of them may be liable.  
91

92           **(1) Workers' Compensation.** The Contractor shall obtain  
93 worker's compensation insurance for all persons whom they  
94 employ in carrying out the work under this contract. This insurance  
95 shall be in strict conformity with the requirements of the most  
96 current and applicable State of Hawaii Worker's Compensation  
97 Insurance laws in effect on the date of the execution of this contract  
98 and as modified during the duration of the contract.  
99

100           **(2) Auto Liability.** The Contractor shall obtain Auto Liability  
101 Insurance covering all owned, non-owned and hired autos with a  
102 Combined single Limit of not less than \$1,000,000 per occurrence  
103 for bodily injury and property damage with the State of Hawaii  
104 named as additional insured. Refer to SPECIAL CONDITIONS for  
105 any additional requirements.  
106

107           **(3) General Liability.** The Contractor shall obtain General  
108 Liability insurance with a limit of not less than \$2,000,000 per  
109 occurrence and in the Aggregates for each of the following:  
110

111                   **(a)** Products - Completed/Operations Aggregate,

112                   **(b)** Personal & Advertising Injury, and

113                   **(c)** Bodily Injury & Property Damage  
114  
115  
116

117           The General Liability insurance shall include the State as an  
118 Additional Insured. The required limit of insurance may be provided  
119 by a single policy or with a combination of primary and excess  
120 policies. Refer to SPECIAL CONDITIONS for any additional  
121 requirements.  
122

123           **(4) Builders Risk For All Work.** The Contractor shall take out  
124 a policy of builder's risk insurance for the full replacement value of  
125 the project work; from a company licensed or otherwise authorized  
126 to do business in the State of Hawaii; naming the State as an  
127 additional insured under each policy; and covering all work, labor,  
128 and materials furnished by such Contractor and all its  
129 subcontractors against loss by fire, windstorm, tsunamis,  
130 earthquakes, lightning, explosion, other perils covered by the  
131 standard Extended Coverage Endorsement, vandalism, and  
132 malicious mischief. Refer to SPECIAL CONDITIONS for any  
133 additional requirements."  
134

135   **(II) Amend 107.03 – Working Hours; Night Work** by adding the following  
136 after line 142.  
137

138 “Perform night work only as follows:

139

140 Sunday thru Thursday nights, from 9:00 P.M. to 12:00 midnight

141 Monday thru Friday mornings, from 12:00 midnight to 5:00 A.M.

142

143 The Engineer has secured a Noise Variance from the Department of  
144 Health according to Administrative Rules Title 11, Chapter 11-46, Section 11-46-  
145 8 for this work.”

146

147

148

149

150

**END OF SECTION 107**



1 Make the following section a part of the Standard Specifications:  
2

3 **"SECTION 321 – HEXAGONAL, TRAPEZOIDAL, AND TRIANGULAR GEOGRID**  
4

5 **321.01 Description.** This section describes furnishing and placing Hexagonal,  
6 Trapezoidal, and Triangular geogrid over geotextile fabric on soft subgrades.  
7

8 **321.02 Materials.**  
9

10 Geotextiles for Permeable Separator Applications

716.02

11  
12 **(A) Materials.** Unless otherwise indicated in the contract documents, geogrid  
13 shall be manufactured from a coextruded, composite polymer sheet, which is  
14 then punched and oriented. The resulting structure consists of continuous and  
15 non-continuous ribs forming three aperture geometries (hexagonal, trapezoidal,  
16 and triangle) and an unimpeded suspended hexagon.  
17

18 Geogrid material shall meet the following material requirements.  
19

- 20 • Aperture shape: Hexagonal, Trapezoid, and Triangular
- 21 • Structure: Coextruded & Integrally Formed
- 22 • Rib Shape: Rectangular
- 23 • Continuous parallel rib pitch = 3.2 inches
- 24 • Rib Aspect Ratio > 1
- 25 • Node thickness = 0.18 inch
- 26 • Color identification: White / Black / White  
27

28 **321.03 Construction.**  
29

30 **(A) Site Preparation.** Place geotextile over soft subgrade.  
31

32 **(B) Installation.** Unroll geogrid smoothly on geotextile fabric in longitudinal  
33 direction. Do not drag geogrid. Remove wrinkles and folds by stretching and anchoring.  
34 Overlap adjacent rolls of geogrid along the sides and ends a minimum of 1 foot.  
35

36 **(C) Geogrid Placement.** Hold geogrid in place by pins, staples, or piles of  
37 aggregate base course material. On curves, cut geogrid to conform to curve, with  
38 appropriate overlap. Install overlap in direction of aggregate base course material  
39 placement.  
40

41 **(D) Aggregate Subbase or Aggregate Base Course Material.** Deposit  
42 Aggregate Subbase and Aggregate Base Course over the geogrid.  
43

44 **(E) Geogrid Acceptance.** The manufacturer's certificate of compliance and  
45 certified test results on the product, tested within six months of the submittal date shall  
46 be submitted for approval. Additionally, the following shall be included in the submittal:  
47

(1) Manufacturer's name, current address, and telephone number.

(2) Manufacturer's current Quality Assurance / Quality Control Manual.

(3) Full product name by trademark and product number.

(4) Geogrid polymer type(s).

(5) Recommended overlap.

(6) Six square yards of geogrid sample. Geogrid sample shall conform to requirements of Subsection 321.03(F) - Sampling.

**(F) Sampling.** Sampling shall be in accordance with ASTM D4354.

**(G) Physical Properties.** Physical property values in these specifications represent minimum average roll values (MARV) and are included for Quality Assurance purposes only. Average test results for any individual roll tested within a lot sampled shall meet or exceed specified values.

**(H) Packaging.** Geogrids shall be provided in roll form of length and width to meet requirements.

**(I) Identification.** Unless otherwise indicated in the contract documents, geogrid shall be identified in accordance with ASTM D4873 and this subsection. Include the following information:

(1) Unique roll number serially designated.

(2) Manufacturer's lot number or control numbers.

(3) Name of geogrid manufacturer.

(4) Date of manufacture.

(5) Product brand name.

(6) Manufacturer's style or catalog designation of the geogrid.

(7) Roll width, in feet.

(8) Roll length, in feet.

(9) Net weight of geogrid.

**(J) Storage and Handling.** Geogrids shall be stored and handled in accordance with ASTM D4873 and this subsection. During shipment and storage, material shall not be exposed to sunlight or other forms of light that contain ultraviolet rays for more than 6 months.

**321.04 Measurement.** The Engineer will measure geogrid on a Force Account basis, in accordance with Subsection 109.06 – Force Account and Compensation.

The Engineer will not measure geotextile fabric for installation of geogrid.

**321.05 Payment.** The Engineer will pay for the accepted geogrid on a Force Account basis. Payment will be full compensation for the work prescribed in this section and the contract documents.

The Engineer will not pay for geotextile fabric for the installation of geogrid separately. The Engineer will consider it incidental to Item No. 321.0100 Hexagonal, Trapezoidal, and Triangular Geogrid.

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

<b>Pay Item</b>	<b>Pay Unit</b>
Hexagonal, Trapezoidal, and Triangular Geogrid	Force Account

An estimated amount of force account is allocated in the proposal schedule under 'Hexagonal, Trapezoidal, and Triangular Geogrid', but the actual amount to be paid will be the sum shown on the accepted force account records, whether this sum be more or less than estimated amount allocated in proposal schedule."

**END OF SECTION 321**

1 **Amend Section 404 – SLURRY SEAL to read as follows:**

2  
3 **SECTION 404 - SLURRY SEAL**  
4  
5

6 **404.01 Description.** This section describes furnishing and applying slurry seal  
7 on an existing asphalt surface.  
8

9 **404.02 Materials.**

10		
11	Emulsified Asphalt (Type SS-1h, CSS-1h)	702.04
12		
13	Aggregate for Slurry Seal	703.11
14		
15	Filler	703.15
16		
17	Water	712.01
18		

19 **(A) General.** Slurry seal shall include uniform blend of emulsified asphalt,  
20 aggregate, water, and if required by job-mix formula, filler.  
21

22 **(B) Job-Mix Formula and Tests.** Unless otherwise specified, design and  
23 test job-mix formula in accordance with ASTM D 3910, for Type I, Type II,  
24 and Type III slurry seal, as indicated in the contract documents.  
25

26 Tolerance of plus or minus 1 percent will be allowed in residual  
27 asphalt content from that specified in job-mix formula accepted by the  
28 Engineer.  
29

30 **(C) Submittals.** Submit slurry seal job-mix formula for each type of  
31 slurry seal mix indicated in the contract documents as follows:  
32

- 33 **(1)** Design percent of aggregate passing each required sieve size.
- 34
- 35 **(2)** Design percent of residual asphalt added to aggregate, based  
36 on dry weight of aggregate.
- 37
- 38 **(3)** Source of aggregate.
- 39
- 40 **(4)** Grade of emulsified asphalt.
- 41
- 42 **(5)** Test data used to develop job-mix formula.
- 43

44 If design requirements are modified after the Engineer accepts job-mix  
45 formula, submit new job-mix formula before using slurry seal produced from  
46 modified mix design.  
47

48 **404.03 Construction.**

49  
50 **(A) Test Section.** Before production and after calibration as specified in  
51 Subsection 404.03(C)(6) - Equipment Calibration, apply slurry seal onto test  
52 section using same mixture, equipment, and method proposed for use in the  
53 work. Test section shall be at least 10 feet by 50 feet. The Engineer will  
54 determine location of test section. Slurry seal samples will be taken to verify  
55 mix consistency, proportioning, and application rate.

56  
57 **(B) Weather Limitation.** Application of slurry seal will not be allowed  
58 under the following conditions:

59  
60 **(1)** On wet surfaces as determined by the Engineer.

61  
62 **(2)** When air temperature is below 60 degrees F and falling. Slurry  
63 seal may be applied when air temperature is above 50 degrees F and  
64 rising. Air temperature will be measured in shade and away from  
65 artificial heat.

66  
67 **(3)** When weather conditions prevent proper method of  
68 construction.

69  
70 **(C) Equipment.**

71  
72 **(1) General.** Keep equipment, tools, and machinery clean and  
73 maintained in satisfactory condition.

74  
75 **(2) Mixing Equipment.** Use self-propelled machine specifically  
76 designed and manufactured to lay slurry seal. Mixing machine shall  
77 be either truck-mounted or continuous-run design. A continuous-run  
78 machine is defined as one that is equipped to self-load while  
79 continuing to lay slurry seal. Either type machine shall be able to  
80 accurately deliver and proportion aggregate, emulsified asphalt, water,  
81 and if specified by job-mix formula, filler to maintain adequate supply  
82 to the proportioning controls.

83  
84 If continuous-run machine is used, equip to allow operator to  
85 have full control of forward and reverse speeds during slurry seal  
86 application; and to include opposite-side driver stations and forward  
87 and reverse speed controls.

88  
89 **(3) Proportioning Devices.** Provide and label individual volume  
90 or weight controls for proportioning each material to be added to mix.  
91

92                   **(4) Spreading Equipment.** Spread mixture uniformly by means of  
93 conventional surfacing spreader box attached to mixer and equipped  
94 to agitate and spread material evenly throughout box. Provide front  
95 seal that prevents loss of mixture at road contact point and adjustable  
96 rear seal that functions as final strike-off. Design and operate  
97 spreader box and rear strike-off such that uniform consistency is  
98 achieved to produce free flow of material to rear strike-off. Equip  
99 spreader box with means to side shift box to compensate for  
100 variations in pavement geometry. Burlap drag or other accepted  
101 screed may be attached to rear of spreader box to provide uniform,  
102 highly textured mat.  
103

104                   **(5) Auxiliary Equipment.** Provide other tools or equipment, such  
105 as brushes, hose equipment, tank trucks, water distributors and  
106 flushers, power sweepers, and power blowers.  
107

108                   **(6) Equipment Calibration.** Calibrate in the Engineer's presence  
109 mixing equipment to be used in performance of the work. Submittal of  
110 previous calibration documents may be used in lieu of calibration in  
111 the Engineer's presence if documented calibration were made within  
112 one calendar year of submittal. Include individual calibration of each  
113 material at various settings, which can be related to machine's  
114 metering devices. No machine will be allowed to be used on project  
115 until calibration has been completed or accepted, or both.  
116

117                   After calibration and prior to production, make test strips for  
118 each machine. Test strips shall be part of test section specified in  
119 Subsection 404.03(A) - Test Section. Upon failure of test for mix  
120 consistency, proportioning, or rate of application, or combination  
121 thereof, additional test strips at no increase in contract price or  
122 contract time will be required until each machine is accepted for work.  
123                   Machine failing to pass specified tests after three trials will not be  
124 allowed to be used on project.  
125

126                   **(D) Preparation of Surfaces.** Immediately before applying slurry seal,  
127 clean existing pavement in accordance with Section 310 - Brooming Off.  
128

129                   Clean cracks and joints with compressed air. Seal cracks and joints  
130 3/8-inch to 3/4-inch wide with sand slurry consisting of 20 percent emulsified  
131 asphalt, approximately 2 percent portland cement, and water.  
132

133                   Clean potholes and other surface defects and fill with HMA Mix V.  
134

135                   Do not apply tack coat.  
136

**(E) Application of Slurry Seal.** Pour slurry seal into spreader box in sufficient quantity to completely cover full width of spreader. Do not allow slurry seal to flow out sides of box.

Apply slurry seal in one uniformly blended coat not exceeding 1/4 inch in thickness. Use hand spreaders only in areas where spreader box cannot be used. Remove excess slurry seal build-up on longitudinal and transverse joints.

**(F) Protection of Slurry Seal.** Except for construction equipment used for slurry seal operations, keep traffic off slurry seal until such time that mixture has cured sufficiently so that slurry seal will not adhere to and be picked up by vehicle tires. Ensure that cured slurry seal adheres firmly to existing surface.

**404.04 Measurement.** Slurry seal will be paid on a per square yard basis in accordance with the contract documents.

**404.05 Payment.** The Engineer will pay for the accepted slurry seal on a per square yard basis. Payment will be full compensation for the work prescribed in this section and the contract documents.

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

<b>Pay Item</b>	<b>Pay Unit</b>
Slurry Seal, Type 3	Square Yard

**END OF SECTION 404**

1                                   **SECTION 630 – TRAFFIC CONTROL GUIDE SIGNS**

2  
3       Make the following amendment to said Section:

4  
5       **(I)**       Amend **Section 630.02 - Materials**, by replacing lines 28 to 29 to read:

6  
7               “Retroreflective sheeting shall conform to criteria listed in ASTM D 4956  
8       for the applicable type and class, or as amended in accordance with Subsection  
9       750.01 - Signs.”

10  
11       **(II)**       Amend **Section 630.04 - Measurement**, by replacing lines 204 to 221 to  
12       read:

13  
14       **“630.04 Measurement.** The Engineer will measure the number of route  
15       markers assemblies as complete units of the type and design specified in the  
16       proposal.

17  
18               When the Engineer accepts an alternative design, the method of  
19       measurement for the various contract items affected by the design shall be  
20       identical with the various original contract items shown in the contract. The  
21       Engineer will not measure the additional items that the Contractor requires for the  
22       alternate design.

23  
24               The Engineer will not measure removal and disposal and storing of existing  
25       and temporary signs and markers that the Contractor will not incorporate in the  
26       completed highway for payment.”

27  
28       **(III)**       Amend **630.05 – Payment** by revising lines 223 to 303 to read as follows:

29  
30       **“630.05 Payment.** The Engineer will pay for route marker assemblies at the  
31       contract price per each for the type and design specified complete in place.  
32       Payment will be full compensation for the work prescribed in this section and the  
33       contract documents.

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

39  
40               The Engineer will not make payment other than those specified herein for  
41       the construction of footings for overhead mounted expressway signs. The  
42       Engineer will pay for the work, materials, tools, equipment and incidentals  
43       required in the construction of the footings for overhead mounted expressway  
44       signs under the following contract items:



- (1) Footing Excavation. The Engineer will make payment for footing excavation according to Section 204 – Excavation and Backfill for Miscellaneous Facilities.
- (2) Concrete. The Engineer will make payment for concrete in footings according to Section 503 – Concrete Structures.
- (3) Reinforcing Steel. The Engineer will make payment for reinforcing steel according to Section 602 – Reinforcing Steel.

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

Pay Item	Pay Unit
Type "A" Route Marker Assembly	Each
Type "B" Route Marker Assembly	Each

When the Engineer accepts an alternate design, the total amount paid shall be full compensation for furnishing and installing materials and furnishing equipment, tools, labors, and incidentals necessary to complete the work. The Engineer will not make payment for additional materials, equipment, tools, labor and other incidentals that might become necessary to complete the installation due to the alternate design.

**END OF SECTION 630**



48  
49  
50

**END OF SECTION 631**

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**(I) Amend Section 632.03 – Construction** by adding this paragraph after line lines 77 to read as follows:

**(II) Amend Section 632.04 - Measurement** by replacing lines 79 to 81 to read:

The Engineer will not measure Type V Object Marker (OM-5) for existing sign posts.

**“632.05 Payment.** The Engineer will pay for reflector marker, milepost marker with post (bi-directional), milepost marker, and object marker at the contract price per each for the type and design specified complete in place. Payment will be full compensation for excavating and backfilling, furnishing and installing materials, furnishing equipment, tools, labors and incidentals necessary to complete the work.

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

35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47

48 Type V Object Marker (OM-5)

Each”

49

50

51

**END OF SECTION 632**

1                                   **SECTION 641 – HYDRO-MULCH SEEDING**

2  
3    Make the following amendments to said Section:

4  
5    **(I)**     Amend **Subsection 641.02(A) – Seed** by revising the section from line 22  
6    to 24 to read:

7  
8            “Seed shall comply with Hawaii Administrative Rules Title 4, Subtitle 6,  
9            Chapter 67 Seed Rules; shall be certified for compliance by a Hawaii-  
10           licensed seed dealer; and shall be purchased from that dealer. Seed shall  
11           be a native plant species, for example, Pili (*Heteropogon contortus*) or  
12           Mau’u ‘aki’aki (*Fimbristylis cymosa*), or other non-invasive grass.”

13  
14   **(II)**    Amend **Subsection 641.02(B) – Fertilizer** by revising the section from  
15    line 33 to 36 to read:

16  
17            **“(B) Fertilizer.** Proper fertilizer shall be used in hydro-mulch mix,  
18           depending on condition of soil. Apply at rates and in amounts consistent  
19           with manufacturer’s specifications. Contractor shall provide a Soil Analysis  
20           Report, if requested by Engineer, and shall use report to determine  
21           quantity and ratio of fertilizer for sustained growth of grass. Submit  
22           recommendations from a licensed Landscape Architect when deviating  
23           from the application rates and amounts above.”

24  
25  
26   **(III)**   Amend **Subsection 641.03(A) – Seeding** by revising the first paragraph  
27    from line 100 to 103 to read:

28  
29            **“(A) Seeding.** Apply seeded mulch within the timeframe in Subsection  
30           209.03(B) – Construction Requirements, if temporary stabilization will not  
31           be utilized, after completion of slopes or portion of slope when exposed  
32           face attains height of 15 feet. Notify Engineer not less than 24 hours  
33           ahead of hydro-mulch seeding operation. Do not hydro-mulch until the  
34           Engineer inspects and accepts areas for planting.”

35  
36   **(IV)**    Amend **Section 641.04     Measurement**, from line 173 to 174 to read as  
37    follows:

38  
39            **“641.04       Measurement.** The Engineer will measure hydro-mulch seeding  
40           per square yard in accordance with the contract documents.”

41  
42   **(V)**     Amend **Section 641.05       Payment**, from line 176 to 185, to read as  
43    follows:

44  
45            **“641.05       Payment.** The Engineer will pay for the accepted hydro-mulch  
46           seeding at the contract price per square yard. Payment will be full compensation  
47           for the work prescribed in this section and the contract documents.

49 The Engineer will pay for the following pay item when included in the proposal  
50 schedule:

51		
52	<b>Pay Item</b>	<b>Pay Unit</b>
53		
54	Hydro-mulch Seeding	Square Yard"
55		

56 **END OF SECTION 641**

### PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
201.0100	Clearing and Grubbing	7	AC	\$ _____	\$ _____
202.0100	Removal of Existing Tree Root	1	EA	\$ _____	\$ _____
202.0310	Removal of Existing Guardrail	2665	LF	\$ _____	\$ _____
202.0320	Removal of Existing Guardrail End Treatment	525	LF	\$ _____	\$ _____
202.0330	Removal of Existing Signs	60	EA	\$ _____	\$ _____
202.0340	Removal of Existing Posts	38	EA	\$ _____	\$ _____
202.0350	Removal of Existing Concrete Mow Strip	66	SY	\$ _____	\$ _____
202.0360	Removal of Existing Delineators	60	EA	\$ _____	\$ _____
202.0370	Removal and Relocation of Existing Dry Stack Rock Wall	30	CY	\$ _____	\$ _____
202.0380	Removal of Existing CRM Wall	3	CY	\$ _____	\$ _____
203.0100	Roadway Excavation	6,300	CY	\$ _____	\$ _____
203.0310	Ditch Backfill	675	CY	\$ _____	\$ _____
206.0000	Excavation and Backfill for Drainage Facilities	100	CY	\$ _____	\$ _____
207.0000	Ditch and Channel Excavation	875	CY	\$ _____	\$ _____



### PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP	LS	LS	LS	\$ _____
209.0200	Additional Water Pollution, Dust, and Erosion Control	FA	FA	FA	\$ <u>625,000.00</u>
301.0100	Hot Mix Asphalt Base Course	3,500	TN	\$ _____	\$ _____
305.0100	Aggregate Subbase	3,450	CY	\$ _____	\$ _____
307.0100	Test Holes and Temporary patching of Test Holes	52	EA	\$ _____	\$ _____
307.0200	Untreated Recycled Base	4,250	CY	\$ _____	\$ _____
307.0300	Lith Tec (or equivalent) Adjustment	125	SACK	\$ _____	\$ _____
321.0100	Hexagonal, Trapezoidal, and Triangular Geogrid	FA	FA	FA	\$ <u>350,000.00</u>
401.0410	PMA Pavement, Mix No. IV PG 64E-22	11,200	TN	\$ _____	\$ _____
401.0900	Pavement Smoothness Incentive	Allow	Allow	Allow	\$ <u>10,000.00</u>
404.0300	Slurry Seal, Type 3	21,700	SY	\$ _____	\$ _____
414.0110	Excavation of Weakened Pavement Areas	30	CY	\$ _____	\$ _____
415.0110	Cold Planning of Existing Pavement	64,600	SY	\$ _____	\$ _____
508.0500	Cement Rubble Masonry	60	CY	\$ _____	\$ _____

### PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
603.0100	Clean Existing Culverts	FA	FA	FA	\$ <u>100,000.00</u>
603.0300	Bed Course Material for Culvert	6	CY	\$ _____	\$ _____
603.0400	18-Inch Reinforced Concrete Pipe, Class 3	43	LF	\$ _____	\$ _____
603.0500	Reinforced Concrete Collar	1	EA	\$ _____	\$ _____
604.0500	Type 1-A9 Inlet, 3 feet to 3.99 feet	1	EA	\$ _____	\$ _____
606.2000	31" W-Beam Guardrail with Standard 8" Offset Block, Steel 6-Ft Posts	9,440	LF	\$ _____	\$ _____
606.2008	31" W-Beam Guardrail with Standard 8" Offset Block, Steel 8-Ft Posts, Double Nested	670	LF	\$ _____	\$ _____
606.5000	Terminal Section, MSKT-SP-MGS, SoftStop, Max Tension or Approved Equal	104	EA	\$ _____	\$ _____
606.5010	Terminal Section, Type A	5	EA	\$ _____	\$ _____
606.7500	MGS Transition to Strong Post Guardrail	1	EA	\$ _____	\$ _____
629.1010	Double 4-Inch Pavement Striping (Thermoplastic Extrusion)	36,300	LF	\$ _____	\$ _____
629.1020	6-Inch Pavement Striping (Thermoplastic Extrusion)	72,700	LF	\$ _____	\$ _____
629.1050	12-Inch Pavement Striping (Thermoplastic Extrusion)	25	LF	\$ _____	\$ _____

### PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1110	Pavement Arrow (Thermoplastic)	2	EA	\$ _____	\$ _____
629.1130	Yield Line (Thermoplastic)	1	LN	\$ _____	\$ _____
629.2020	Type C Pavement Marker	3,630	EA	\$ _____	\$ _____
629.2030	Type D Pavement Marker	7,260	EA	\$ _____	\$ _____
630.1200	Type A Route Marker Assembly	2	EA	\$ _____	\$ _____
630.1210	Type B Route Marker Assembly	2	EA	\$ _____	\$ _____
631.0100	Regulatory Sign (10 Sq. Ft. or Less)	3	EA	\$ _____	\$ _____
631.0120	Regulatory Sign (More than 10 Sq. Ft.)	8	EA	\$ _____	\$ _____
631.0200	Warning Sign (10 Sq. Ft. or Less)	98	EA	\$ _____	\$ _____
631.0300	Miscellaneous Sign (10 Sq. Ft. or Less)	12	EA	\$ _____	\$ _____
632.0120	Reflector Marker (RM-3) with Steel Post	260	EA	\$ _____	\$ _____
632.0122	Reflector Marker (RM-3) with Flexible Delineator	150	EA	\$ _____	\$ _____
632.0500	Milepost Marker with Post (Bi-Directional)	15	EA	\$ _____	\$ _____
632.1010	Type II Object Marker (OM2-2H)	70	EA	\$ _____	\$ _____

### PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
632.1020	Type II Object Marker (OM2-2V)	20	EA	\$ _____	\$ _____
632.1050	Type V Object Marker (OM-5)	60	EA	\$ _____	\$ _____
636.1000	Additional E-Construction Programs, Additional Licenses or Additional Equipment	FA	FA	FA	\$ <u>10,000.00</u>
641.0100	Hydro-Mulch Seeding	15,350	SY	\$ _____	\$ _____
643.0110	Maintenance of Existing Landscape Areas	FA	FA	FA	\$ <u>100,000.00</u>
645.1000	Traffic Control	LS	LS	LS	\$ _____
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Additional Advertisements	FA	FA	FA	\$ <u>200,000.00</u>
648.1000	Field Posted Drawings	LS	LS	LS	\$ _____
655.0200	Dumped Riprap	75	CY	\$ _____	\$ _____
671.1000	Protection of Threatened and Endangered Species	FA	FA	FA	\$ <u>10,000.00</u>
675.1000	Vegetative Geotextile for Erosion Control Application	11,800	SF	\$ _____	\$ _____
699.1000	Mobilization (Not to Exceed 6% of the Sum of All Items Excluding the Bid Price of this Item)	LS	LS	LS	\$ _____

## PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p>Total Amount for Comparison of Bids ..... \$ _____</p> <p>1.0 Bids shall include all Federal, State, County and other applicable taxes and fees.</p> <p>2.0 The Total Amount for Comparison of Bids shall be used to determine the lowest responsible bidder.</p> <p>3.0 Bidders shall complete all unit prices and amounts. Failure to do so shall be grounds for rejection of bid.</p> <p>4.0 If a discrepancy occurs between unit bid price and the bid price, the unit bid price shall govern.</p> <p>5.0 <b>Bidders shall submit and <u>upload the complete proposal to HlePro</u> prior to bid opening date and time. Proposals received after said due date and time shall not be considered. Any additional support documents explicitly designated as <u>confidential and/or proprietary</u> shall be uploaded as a <u>separate file</u> to HlePRO. Do not include confidential and/or proprietary documents with the proposal. The record of each bidder and respective bid shall be open to public inspection. Original (wet ink, hard copy) proposal documents are not required to be submitted. Contract award shall be based on evaluation of proposals submitted and uploaded to HlePRO.</b></p> <p><b><u>FAILURE TO UPLOAD THE COMPLETE PROPOSAL TO HlePRO SHALL BE GROUNDS FOR REJECTION OF THE BID.</u></b></p> <p>If there is a conflict between the specification document and the HlePRO solicitation, the specifications shall govern and control, unless otherwise specified.</p>				

"General Decision Number: HI20240001 10/25/2024

Superseded General Decision Number: HI20230001

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: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	<ul style="list-style-type: none"> <li>. Executive Order 14026 generally applies to the contract.</li> <li>. The contractor must pay all covered workers at least \$17.20 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 2024.</li> </ul>
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	<ul style="list-style-type: none"> <li>. Executive Order 13658 generally applies to the contract.</li> <li>. The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2024.</li> </ul>

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/05/2024
1	01/12/2024
2	01/19/2024
3	04/19/2024
4	05/17/2024
5	06/07/2024
6	07/19/2024
7	08/30/2024
8	09/06/2024
9	10/04/2024
10	10/25/2024

ASBE0132-001 09/01/2024

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.....

\$ 45.80	30.35
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BOIL0627-005 01/01/2021

Rates	Fringes
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BOILERMAKER.....\$ 37.25	31.25
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BRHI0001-001 09/05/2023

Rates	Fringes
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## BRICKLAYER

Bricklayers and Stonemasons.\$ 48.03  
Pointers, Caulkers and  
Weatherproofers.....\$ 48.28

32.23

32.23

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BRHI0001-002 09/05/2023

Rates	Fringes
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## Tile, Marble &amp; Terrazzo Worker

Terrazzo Base Grinders.....\$ 44.69  
Terrazzo Floor Grinders  
and Tenders.....\$ 43.14  
Tile, Marble and Terrazzo  
Workers.....\$ 46.50

33.00

33.00

33.00

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CARP0745-001 10/01/2021

Rates	Fringes
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## Carpenters:

Carpenters; Hardwood Floor  
Layers; Patent Scaffold

Erectors (14 ft. and over); Piledrivers; Pneumatic Nailers; Wood Shinglers and Transit and/or Layout Man.....	\$ 51.25	24.84
Millwrights and Machine Erectors.....	\$ 51.50	24.84
Power Saw Operators (2 h.p. and over).....	\$ 51.40	24.84

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CARP0745-002 09/04/2023

	Rates	Fringes
Drywall and Acoustical Workers and Lathers.....	\$ 53.00	27.74

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ELEC1186-001 08/25/2024

	Rates	Fringes
Electricians:		
Cable Splicers.....	\$ 62.77	32.46
Electricians.....	\$ 55.55	32.25
Telecommunication worker....	\$ 40.00	15.50

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ELEC1186-002 08/25/2024

	Rates	Fringes
Line Construction:		
Cable Splicers.....	\$ 62.77	32.46
Groundmen/Truck Drivers.....	\$ 41.66	26.50
Heavy Equipment Operators...	\$ 50.00	29.90
Linemen.....	\$ 55.55	32.25
Telecommunication worker....	\$ 40.00	15.50

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ELEV0126-001 01/01/2024

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 70.90	37.885+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.

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\* ENGI0003-002 09/02/2024

	Rates	Fringes
Diver (Aqua Lung) (Scuba))		
Diver (Aqua Lung) (Scuba) (over a depth of 30 feet)...	\$ 78.96	36.825
Diver (Aqua Lung) (Scuba) (up to a depth of 30 feet)..	\$ 69.59	36.825
Stand-by Diver (Aqua Lung) (Scuba).....	\$ 60.21	36.825
Diver (Other than Aqua Lung)		
Diver (Other than Aqua		



Lung).....\$	78.96	36.825
Diver Tender (Other than		
Aqua Lung).....\$	57.18	36.825
Stand-by Diver (Other than		
Aqua Lung).....\$	60.21	36.825
Helicopter Work		
Airborne Hoist Operator		
for Helicopter.....\$	58.76	36.825
Co-Pilot of Helicopter.....\$	58.90	36.825
Pilot of Helicopter.....\$	59.07	36.825
Power equipment operator -		
tunnel work		
GROUP 1.....\$	55.20	36.825
GROUP 2.....\$	55.31	36.825
GROUP 3.....\$	55.48	36.825
GROUP 4.....\$	55.75	36.825
GROUP 5.....\$	56.06	36.825
GROUP 6.....\$	56.71	36.825
GROUP 7.....\$	57.03	36.825
GROUP 8.....\$	57.14	36.825
GROUP 9.....\$	57.25	36.825
GROUP 9A.....\$	57.48	36.825
GROUP 10.....\$	57.54	36.825
GROUP 10A.....\$	57.69	36.825
GROUP 11.....\$	57.84	36.825
GROUP 12.....\$	58.20	36.825
GROUP 12A.....\$	58.56	36.825
Power equipment operators:		
GROUP 1.....\$	54.90	36.825
GROUP 2.....\$	55.01	36.825
GROUP 3.....\$	55.18	36.825
GROUP 4.....\$	55.45	36.825
GROUP 5.....\$	55.76	36.825
GROUP 6.....\$	56.41	36.825
GROUP 7.....\$	56.73	36.825
GROUP 8.....\$	56.84	36.825
GROUP 9.....\$	56.95	36.825
GROUP 9A.....\$	57.18	36.825
GROUP 10.....\$	57.24	36.825
GROUP 10A.....\$	57.39	36.825
GROUP 11.....\$	57.54	36.825
GROUP 12.....\$	57.90	36.825
GROUP 12A.....\$	58.26	36.825
GROUP 13.....\$	55.18	36.825
GROUP 13A.....\$	55.45	36.825
GROUP 13B.....\$	55.76	36.825
GROUP 13C.....\$	56.41	36.825
GROUP 13D.....\$	56.73	36.825
GROUP 13E.....\$	56.84	36.825

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

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

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

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

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

GROUP 6: Boom Truck or Dual Purpose ""A""Frame Truck (over 5 tons); Combination Loader/Backhoe (up to and including 3/4 cu. yd.); Concrete Batch Plants (wet or dry); Concrete Cutter, Groover and/or Grinder (self-propelled unit on streets, highways, airports, and canals); Conveyor or Concrete Pump (Truck or Equipment Mounted); Drilling Machinery (not to apply to waterliners, wagon drills or jack hammers); Fork Lift (over 10 tons); Loader (up to and including 3 and 1/2 cu. yds); Lull High Lift (under 40 feet); Lubrication and Service Engineer (Mobile); Maginnis Internal Full Slab Vibrator (on airports, highways, canals and warehouses); Man or Material Hoist; Mechanical Concrete Finisher (Large Clary, Johnson Bidwell, Bridge Deck and similar); Mobile Truck Crane Driver; Portable Shotblast Concrete Cleaning Machine; Portable Boring Machine (under streets, highways, etc.); Portable Crusher; Power Jumbo Operator (setting slip forms, etc., in tunnels); Rollers (over 5 tons); Self-propelled Compactor (single engine); Self-propelled Pavement Breaker; Skidsteer Loader with attachments; Slip Form Pumps (Power driven by hydraulic, electric, air, gas, etc., lifting device for concrete forms); Small Rubber Tired Tractors; Trencher (up to and including 6 feet); Underbridge Personnel Aerial Platform (50 feet of platform or less).

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

GROUP 8: Asphalt Plant Operator; Barge Mate (Seagoing); Cast-in-Place Pipe Laying Machine; Concrete Batch Plant (multiple units); Conveyor Operator (tunnel); Deckmate; Dozer (D-6 and similar); Finishing Machine Operator (airports and highways); Gradesetter; Kolman Loader (and similar); Mucking Machine (Crawler-type); Mucking Machine (Conveyor-type); No-Joint Pipe Laying Machine; Portable Crushing and Screening Plant; Power Blade Operator (under 12); Saurman Type Dragline (up to and including 5 yds.); Stationary Pipe Wrapping, Cleaning and Bending Machine; Surface Heater and Planer Operator, Tractor (D-6 and similar); Tri-Batch Paver; Tunnel Badger; Tunnel Mole and/or Boring Machine Operator Underbridge Personnel Aerial Platform (over 50 feet of platform).

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

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

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

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

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

GROUP 12: Clamshell or Dipper Operator; Derricks; Drill Rigs; Multi-Propulsion Earthmoving Machines (2 or more Scrapers) (over 35 cu. yds "struck" m.r.c.); Operators (Derricks, Piledrivers and Cranes); Power Shovels and Draglines (7 cu. yds. m.r.c. and over); Self-propelled rubber-tired Earthmoving equipment (over 31 cu. yds.) (657B and

similar); Wheel Excavator (up to and including 750 cu. yds. per hour); Wheel Excavator (over 750 cu. yds. per hour).

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

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

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

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

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

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

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

#### BOOMS AND/OR LEADS (HOURLY PREMIUMS):

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

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

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

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

ENGI0003-004 09/04/2017

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

## CLAMSHELL OR DIPPER DREDGING CLASSIFICATIONS

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

## HYDRAULIC SUCTION DREDGING CLASSIFICATIONS

GROUP 1: Leverman.  
 GROUP 2: Watch Engineer (steam or electric).  
 GROUP 3: Mechanic or Welder.  
 GROUP 4: Dozer Operator.  
 GROUP 5: Deckmate.  
 GROUP 6: Winchman (Stern Winch on Dredge)  
 GROUP 7: Deckhand (can operate anchor scow under direction of  
 Deckmate); Fireman; Leveeman; Oiler.

## DERRICK CLASSIFICATIONS

GROUP 1: Operators (Derricks, Piledrivers and Cranes).  
 GROUP 2: Saurman Type Dragline (over 5 cubic yards).  
 GROUP 3: Deckmate; Saurman Type Dragline (up to and  
 including 5 yards).  
 GROUP 4: Deckhand, Fireman, Oiler.

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 \* ENGI0003-044 09/02/2024

	Rates	Fringes
Power Equipment Operators (PAVING)		

Asphalt Concrete Material		
Transfer.....	\$ 55.88	37.32
Asphalt Plant Operator.....	\$ 56.31	37.32
Asphalt Raker.....	\$ 54.92	37.32
Asphalt Spreader Operator...	\$ 56.40	37.32
Cold Planer.....	\$ 56.71	37.32
Combination Loader/Backhoe (over 3/4 cu.yd.).....	\$ 54.92	37.32
Combination Loader/Backhoe (up to 3/4 cu.yd.).....	\$ 53.94	37.32
Concrete Saws and/or Grinder (self-propelled unit on streets, highways, airports and canals).....	\$ 55.88	37.32
Grader.....	\$ 56.71	37.32
Laborer, Hand Roller.....	\$ 54.42	37.32
Loader (2 1/2 cu. yds. and under).....	\$ 55.88	37.32
Loader (over 2 1/2 cu. yds. to and including 5 cu. yds.).....	\$ 56.20	37.32
Roller Operator (five tons and under).....	\$ 54.65	37.32
Roller Operator (over five tons).....	\$ 56.08	37.32
Screed Person.....	\$ 55.88	37.32
Soil Stabilizer.....	\$ 56.71	37.32

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IRON0625-001 09/01/2024

	Rates	Fringes
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Ironworkers:.....	\$ 48.00	41.86
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 09/02/2024

	Rates	Fringes
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Laborers:		
Driller.....	\$ 44.75	25.96
Final Clean Up.....	\$ 31.40	21.37
Gunite/Shotcrete Operator and High Scaler.....	\$ 42.25	25.96
Laborer I.....	\$ 41.75	25.96
Laborer II.....	\$ 39.15	25.96
Mason Tender/Hod Carrier....	\$ 42.25	25.96
Powderman.....	\$ 42.75	25.96
Window Washer (bosun chair).\$	41.25	25.96

#### 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 tremie 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; Sheeting Piling/trench shoring (handling and placing of skip sheet or wood plank trench shoring); Ship Scalpers; Shipwright Tender; Sign Erector (subdivision traffic, regulatory, and street-name signs); Sloper; Slurry Seal Crews (Mixer Operator, Applicator, Squeegee Man, Shuttle Man, Top Man); Snapping of wall ties and removal of tie rods; Soil Test operations of semi and unskilled labor such as filling sand bags; 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 an false work.

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LAB00368-002 09/03/2024

	Rates	Fringes
Landscape & Irrigation Laborers		
GROUP 1.....	\$ 28.40	17.15
GROUP 2.....	\$ 29.40	17.15
GROUP 3.....	\$ 23.00	17.15

#### 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 09/05/2023

	Rates	Fringes
Underground Laborer		
GROUP 1.....	\$ 41.25	24.96
GROUP 2.....	\$ 42.75	24.96
GROUP 3.....	\$ 43.25	24.96
GROUP 4.....	\$ 44.25	24.96
GROUP 5.....	\$ 44.50	24.96
GROUP 6.....	\$ 44.60	24.96
GROUP 7.....	\$ 44.85	24.96

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 01/01/2024

	Rates	Fringes
Painters:		
Brush.....	\$ 41.65	30.05
Sandblaster; Spray.....	\$ 41.65	30.05

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PAIN1889-001 07/01/2024

	Rates	Fringes
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Glaziers.....	\$ 46.00	37.15
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PAIN1926-001 03/05/2023

	Rates	Fringes
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Soft Floor Layers.....	\$ 39.77	33.80
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PAIN1944-001 01/07/2024

	Rates	Fringes
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Taper.....	\$ 45.20	31.40
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PLAS0630-001 09/04/2023

	Rates	Fringes
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PLASTERER.....	\$ 46.12	34.53
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PLAS0630-002 09/04/2023

	Rates	Fringes
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Cement Masons:

Cement Masons.....	\$ 44.12	33.63
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Trowel Machine Operators....	\$ 44.27	33.63
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PLUM0675-001 01/07/2024

	Rates	Fringes
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Plumber, Pipefitter, Steamfitter & Sprinkler Fitter...	\$ 52.83	31.02
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ROOF0221-001 11/06/2022

	Rates	Fringes
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Roofers (Including Built Up, Composition and Single Ply).....	\$ 43.15	21.21
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SHEE0293-001 03/05/2023

	Rates	Fringes
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Sheet metal worker.....	\$ 47.37	31.71
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\* SUHI1997-002 09/15/1997

	Rates	Fringes
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Drapery Installer.....	\$ 13.60 **	1.20
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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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\*\* Workers in this classification may be entitled to a higher  
minimum wage under Executive Order 14026 (\$17.20) or 13658

(\$12.90). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 are not currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

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 <https://www.dol.gov/agencies/whd/government-contracts>.

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) (iii)).

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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.

#### State Adopted Rate Identifiers

Classifications listed under the ""SA"" identifier indicate that the prevailing wage rate set by a state (or local) government was adopted under 29 C.F.R. 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 01/03/2024 reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

#### ----- 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

National Office because National Office has 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"



## MINUTES OF THE PRE-BID MEETING

**PROJECT:** Waimea Canyon Drive/Kokee Road Improvements, Phase 2B  
District of Waimea, Island of Kauai

**PROJECT NO.:** STP-0550(006)

**LOCATION:** Microsoft Teams video conference

**DATE & TIME:** October 22, 2024 at 10:00 A.M.

**IN ATTENDANCE:**

Jeff Aguinaldo	HDOT HWY-K
Eric Fujikawa	HDOT HWY-K
Daniel Williams	HDOT OCR
Jesus Navarro	HDOT OCR
David Takiguchi	GP Roadway Solutions
Richelle Driskill	GP Roadway Solutions
Cole Millare	Grace Pacific LLC
Jason Ames	Grace Pacific LLC
Sam Peng Ho	Jas. W. Glover, Ltd.
Wun Shen Chen	Jas. W. Glover, Ltd.
Devan Lau	Wilson Okamoto Corporation
Kevin Higashi	Wilson Okamoto Corporation

The meeting started at 10:00 A.M. Project Engineer, Jeff Aguinaldo began the meeting and requested attendees who had not done so yet to type in their name, company affiliation and contact information as this would be used as the pre-bid meeting's attendance sheet. An introduction a brief overview of the project was given.

Anything said at this meeting is for clarification purposes only, the bid documents shall govern over anything said today and discrepancies shall be clarified by addendum.

All questions that resulted from this meeting were directed to be submitted through HlePRO and will be formally answered through the addendum.

The DBE goal of the project is 4.2%. Jesus Navarro provided an overview of DBE forms and requirements when submitting a bid. Links were provided to the bidder registration form (<https://hidot.hawaii.gov/administration/files/2019/03/Bidder-Registration-Fillable-Form.pdf>) and the DBE system website (<https://hdot.dbesystem.com>).

Attention was brought to the Contract Start Date in the project HIePRO solicitation and that it is indicated for estimation purposes only. The actual Contract Start date will be determined after project award.

The following questions were raised at the meeting:

**Question #1:** Can the recycled base with Lith Tec additive be immediately driven over after installation?

**Response:** We will clarify this in the addendum.

There were no further questions or comments, and the pre-bid meeting was adjourned at 10:22 A.M.

The minutes of the meeting will be distributed in Addendum No. 1 on the Contract Plans. Contractors will be notified via HIePRO when the addendum will be available.

# Waimea Canyon Drive/Kokee Road Improvements, Phase 2B Project No. STP-0550(006)

## Pre-Bid Meeting 10/22/2023, 10:00 AM, Microsoft Teams Video Conference

STP-0550(006) Waimea Canyon Dr/Kokee Rd Improvements, Phase 2B Pre-Bid Conference

ChatSharedRecapAttendance +3

Join13Meeting details

Navarro, Jesus Yesterday 10:01 AM

Jesus Navarro from HDOT DBE program.

Williams, Daniel K Yesterday 10:01 AM

Daniel Williams - HDOT OCR - [daniel.k.williams@hawaii.gov](mailto:daniel.k.williams@hawaii.gov)

Sam Peng Ho (External) Yesterday 10:01 AM

SH

Sam Peng Ho  
Jas. W. Glover, Ltd.  
(808)591-8977  
[samh@gloverltd.com](mailto:samh@gloverltd.com)

Yesterday 10:01 AM

Jeff Aguinaldo, HWY-K, [jeff.aguinaldo@hawaii.gov](mailto:jeff.aguinaldo@hawaii.gov)

Kevin Higashi (External) Yesterday 10:02 AM Edited

KH

Kevin Higashi, Wilson Okamoto Corp, Civil Eng  
[khigashi@wilsonokamoto.com](mailto:khigashi@wilsonokamoto.com)

Jason Ames (External) Yesterday 10:02 AM

JA

Jason Ames, Grace Pacific LLC [JAmes@gracepacific.com](mailto:JAmes@gracepacific.com)

Wun Shen Chen (External) Yesterday 10:02 AM Edited

WC

Wun Shen Chen  
Jas. W. Glover, Ltd.  
(808)591-8977  
[wunshenc@gloverltd.com](mailto:wunshenc@gloverltd.com)

Richelle Driskill (External) Yesterday 10:02 AM

RD

Richelle Driskill

Devan Lau (External) Yesterday 10:02 AM

DL

Devan Lau, Wilson Okamoto Corp, Civil Eng, [dlau@wilsonokamoto.com](mailto:dlau@wilsonokamoto.com)

David Takiguchi (External) Yesterday 10:02 AM Edited

DT

David Takiguchi - G P Roadway Solutions - [dtakiguchi@gproadwaysolutions.com](mailto:dtakiguchi@gproadwaysolutions.com)

Richelle Driskill (External) Yesterday 10:02 AM

RD

Richelle Driskill- GP Roadway Solutions

Cole Millare (External) Yesterday 10:02 AM

CM

Cole Millare, Grace Pacific LLC, [cmillare@gracepacific.com](mailto:cmillare@gracepacific.com)

Fujikawa, Eric I Yesterday 10:02 AM

EF

Eric Fujikawa, HDOT HWY-K, [eric.fujikawa@hawaii.gov](mailto:eric.fujikawa@hawaii.gov), 808-241-3015

**Responses to Request for Information (RFI's/Questions)**  
**HlePRO Questions for solicitation B25000760**  
**Waimea Canyon Drive/Kokee Road Improvements, Phase 2B**  
**Federal-Aid Project No. STP-0550(006)**  
**As of October 31, 2024**

**1. Refer to (4) Builders Risk For All Work on page 107-3a of the Special Provisions. Is tsunamis coverage required at this project location?**

RESPONSE: No.

**2. Please provide boring log and reports for this project.**

RESPONSE: Boring logs and locations have been added, see Addendum No. 1. The roadway work shown on the Boring location plans are not reflective of the current project scope of work and are to be used only for boring location reference. Geotechnical Reports will not be provided.

**3. Is there a pre-bid meeting attendees list?**

RESPONSE: See Addendum No.1

**4. Can used sign material be used for Construction Work Zone Signs on sheet 185?**

RESPONSE: Material used for traffic control must meet Section 645 – Work Zone Traffic Control.

**5. Can used post and anchor material be used for Construction Work Zone Signs on sheet 185?**

RESPONSE: Material used for traffic control must meet Section 645 – Work Zone Traffic Control.

**6. Can you please provide a pay item for Bidirectional Mile Post marker with post?**

RESPONSE: See Proposal Schedule Item No. 632.0500 Milepost Marker with Post (Bi-Directional). Install single sign or multiple signs with post, complete in place, according to Section 632 – Markers, and the Pavement Marking and Signing Plan.

**7. Can you please provide a pay item for Regulatory Sign 10 SF or less with post?**

Response: Install single sign or multiple signs with post, complete in place, according to Section 631 – Traffic Control, Regulatory, Warning, and Miscellaneous Signs, and the Pavement Marking and Signing Plan.

**8. Can you please provide a pay item for Regulatory sign greater than 10 SF with post?**

Response: See Addendum No.1.

**9. Can you please provide a pay item for Warning Sign 10 SF or less with post?**

RESPONSE: Install single sign or multiple signs with post, complete in place, according to Section 631 – Traffic Control, Regulatory, Warning, and Miscellaneous Signs, and the Pavement Marking and Signing Plan.

**10. Can you please provide a pay item for Misc Sign 10 SF or less with post?**

RESPONSE: Install single sign or multiple signs with post, complete in place, according to Section 631 – Traffic Control, Regulatory, Warning, and Miscellaneous Signs, and the Pavement Marking and Signing Plan. Proposal Schedule and Special Provision updated, see Addendum No. 1.

**11. Can you please provide a pay item for Misc Sign greater than 10 SF with post?**

RESPONSE: Install single sign or multiple signs with post, complete in place, according to Section 631 – Traffic Control, Regulatory, Warning, and Miscellaneous Signs, and the Pavement Marking and Signing Plan. Proposal Schedule and Special Provision updated, see Addendum No. 1.

There are no Miscellaneous Signs greater than 10 SF.

**12. Can you please clarify what signs are considered supplemental signs?**

RESPONSE: Pay item 631.0400 Supplemental Plaque removed from proposal schedule and respective special provisions section. See Addendum No. 1.

**13. Can you clarify if Type A Route Marker call out on sheet 162 requires new post or is only replacing sign?**

RESPONSE: New post is required.

**14. Can you please provide a pay item for Type A Route Marker (with or without post depending on answer to previous question)?**

RESPONSE: Proposal Schedule and Special Provision updated, see Addendum No. 1.

**15. Can you clarify if Type B Route Marker call out on sheet 162 requires new post or is only replacing sign?**

RESPONSE: New post is required.

**16. Can you please provide a pay item for Type B Route Marker (with or without post depending on answer to previous question)?**

RESPONSE: Install single sign or multiple signs with post, complete in place, according to Section 630 – Traffic Control Guide Signs, and the Pavement Marking and Signing Plan.

**17. Are Type V Object Marker required on existing posts (with signs) that are not called out in the plans?**

RESPONSE: Yes. See Addendum No.1

**18. Can you please provide speed limits (numbers) for speed limit signs called out in plans?**

RESPONSE: See Addendum No.1

**19. There is one Adopt a Hwy sign that does not have a sponsor on sheet 169, please clarify if this omission is correct?**

RESPONSE: See Addendum No.1

**20. Note 27 on sheet N1 requires the completed resurfaced areas to be tested for ponding. What is the procedure for this? Will the contractor be required to flood the road with a water truck? Will specific BMPs be required for this?**

RESPONSE: Refer to Section 401 – Hot Mix Asphalt Pavement, for pavement smoothing tests and remediation. Temporary BMPs apply.

**21. Note 7 on sheet N1 states that work shall be performed at night. Previous phases of this project were completed during the day. Will day work and daytime lane closures be permitted?**

RESPONSE: Refer to Note 7 on Sheet N1. Permissible when approved by the Engineer.

**22. Is there a designated yard and stockpile area for his project as note 9 on sheet N1 does not allow materials or equipment to be stored within the highway right of way?**

RESPONSE: See Demolition & Erosion Control Plans.

**23. Note 18 on sheet N1 states that portable concrete barriers used to protect open sections of guardrail shall become property of the state. However, there is no pay item and no quantity provided for portable concrete barriers**

RESPONSE: Portable concrete barriers and portable concrete barrier end treatments are incidental to various contract items and per contractor's means and methods.

**24. Please provide bid item & quantity for portable concrete barriers and end treatments.**

RESPONSE: See response to Question 23.

**25. Is the geotechnical engineer of record allowed to perform testing services for this project?**

RESPONSE: No

**26. On the grading notes under permanent erosion control measures, it states grassing with Bermuda seeds and hydro mulch. Specifications 641 Hydro Mulch seeding states seed shall be native plant species (ex. Mau aki aki or Pili grass). What seeds are we pricing out? There are no native seeds available for hydro mulching. Native grasses are available only as plants in pots. It is also not meant to be mowed. Please clarify.**

RESPONSE: See Addendum No. 1.

**27. Note 22 on sheet N1 states that onsite suitable materials may be used for dressing miscellaneous areas. Is there a specific requirement this material needs to meet?**

RESPONSE: See Standard Spec Section 210 – Dressing of Shoulders.

**28. Note 23 on sheet N1 requires the contractor to mark and notify the state of all utilities that require adjustment to new finish grades. On past projects, CM firms have interpreted that contractors are required to also adjust utilities per this note. Are utilities to be adjusted per this note or is this only to communicate which utilities need to be adjusted? How will the adjustment of existing utilities be paid?**

RESPONSE: If existing utilities are encountered, they must be adjusted to finished pavement grade. Unforeseen conditions will be paid according to Section 107.

**29. For note 25 on sheet N1, the contractor will need to know the total amount of material HDOT will want to accurately price trucking the material. Paving contractors would haul cold plane material to the asphalt plants. Would HDOT want cold plane material taken to the Lihue Airport? There is a significant cost different between these haul locations.**

RESPONSE: See Addendum No. 1.

**30. Note 13 on sheet N7 requires "police officer/flaggers shall be present at all times". Please specify if this should apply to only times when lane closures are required.**

RESPONSE: Yes, only when lane closures are required.

**31. Please add FA item 313.0100 for the geotextile fabric that could potentially be required when wet soft subgrades are encountered.**

RESPONSE: Geotextile fabric for geogrid application is incidental to Item No. 321.0100 Hexagonal, Trapezoidal, and Triangular Geogrid. Special Provision section 321 – Hexagonal, Trapezoidal, and Triangular has been updated, see Addendum No.1.

**32. Should fill slopes be required to meet typical road sections, how will the fill be paid as there is no embankment pay item.**

RESPONSE: Excavated on-site soils may be used as a source of fill provided that the materials are free of vegetation, deleterious materials, and rock fragments greater than 6 inches in maximum dimension. On-site soils may have high in-situ moisture content and drying the excavated material may be necessary prior to use as general fill. Also see Standard Spec Section 210 – Shoulder Dressing.

**33. per the current wage rate schedule bulletin no. 507, dated 9/18/2024 and published by the state of Hawaii Department of Labor & Industrial Relations, remark #13 on page 8 requires 2 times the basic hourly pay rate on Sundays for Asphalt Paving and equipment operations. With the requirement to work Sunday night on note 7 of sheet N1, this will come at a double time premium to the state. Please confirm this double time pay requirement can be waived or that night work can be Monday night through Friday night.**

RESPONSE: Bid according to contractor means and methods.

**34. Can traffic be driven over the lithified base course during its curing period?**

RESPONSE: The recommended curing time before supporting traffic is 4 hours.

**35. Is there a nearby water source that can be provided since the lithified base requires a lot of water usage?**

RESPONSE: No.

**36. Is a pavement safety edge required for all new pavement areas? Typical details only state it on a as needed basis.**

RESPONSE: A safety edge is required for any interim condition when the edge of pavement of the current open travelway is greater than 1" elevation difference to the adjacent shoulder or travelway.

**37. Is there a pavement transition detail from new/old asphalt pavement to lithified base? If a transition is not needed, please disregard.**

RESPONSE: No, clean cut is okay.



**38. Subbase specification section 305.03 requires subbase to be placed and compacted per specification section 203.03(C)(2). Specification section 203.03(C)(2) requires testing for soil in place density per Hawaii Test Method HDOT TM 1, HDOT TM 2 and HDOT TM 3. HDOT TM 1 only allows for density testing by sand cone method and HDOT M3 only allows for moisture content testing by heating method. Due to the lane closure time constraints associated with the removal and replacement of shoulder widening, we are requesting to confirm compaction and moisture content testing with a nuclear gauge per ASTM D2922 and ASTM D3017. Proctors for the subbase material will be supplied prior to the placement of subbase to ensure accurate testing of material.**

RESPONSE: Approved. For every 50 field compaction tests by nuclear gauge method or every 6 months, whichever comes first, one field compaction test shall be performed by sand cone method (in accordance with HDOT TM 1-00 and TM 3-00).

**39. Project special provisions section 107.03 - working hours has different working hours that the times stated in note 7 on sheet N1. Please confirm correct working hours.**

RESPONSE: Working hours are correct on Note 7 on Sheet N1. Special Provision section 107 has been updated, see Addendum No. 1.

**40. Working hours are different from lane closure hours. Please confirm lanes can be closed during all working hours.**

RESPONSE: Allowable lane closures will be per the Note 7 on Sheet N1.

**41. Per section 601.03 (F) Concrete Consistency, line 508 through 513 allows for slump limitations provided in table 601.03-3 to be exceeded in adverse or difficult conditions with the addition of admixtures only if accepted by the engineer. Concrete submittals typically include admixtures for workability and note similar verbiage to section 601.03 (F), therefore allowing the contractor to use the admixture when necessary. Please confirm that the contractor, based on the engineers approval provided during the submittal process, can proceed with the use of admixtures per section 601.03(F) to adjust and exceed slump limitations.**

RESPONSE: See Special Provisions Section 601 – Structural Concrete.

**42. Per the LithTech Adhesion Guide, is a primer required since it is recommended to be placed before any surface treatment or HMA is applied? Only the Slurry Seal Type 2 is called out to be placed on top of the 7” thick LithTec Base. If it is required, the guide states that MC-30 (not available locally) and AE-P are typically used.**

RESPONSE: Primer not required for slurry seal.

**43. Note 1 on typical road section plans requires recompaction of subgrade to minimum 90%. Hwy-L, Sampling & Testing Guide for Acceptance & Verification requires visual inspection and/or probing to determine the stiffness of subgrade (see Material Test #13B) Please confirm we are to follow Hwy-L guidelines and that there is not a requirement to test compaction on existing subgrade.**

RESPONSE: Test the subgrade after recompaction.

**44. On Demo & Erosion control plan sheet DP1, at station 238+50 there is a note to "remove debris within and surrounding existing culvert". Please confirm this work will be paid on force account under item 603.0100.**

RESPONSE: Confirmed

**45. Grading plan sheet GP7 shows new/proposed contours across the roadway from roughly station 306+75 to 308+50. Roadway cross sections for these stations on plan sheet X24 do not show a change from existing road to new. What is the intention of the new grading contours shown in this area? Same applies to stations 510+50 to 523+50 and sta. 538+50 to 540+00 and sta. 555+50 to 558+50.**

RESPONSE: These areas are where the centerline striping will be realigned. In areas where a roadway crown exists, the roadway crown shall be modified to match the realigned centerline striping. Refer to the Roadway Plans and Roadway Geometric Plans.

**46. Confirming aggregate subbase shown under riprap on sheet CE4 will be paid under item 305.0100 and is not incidental to the rip rap item.**

RESPONSE: Confirmed

**47. Item 508.0500 is for cement rubble masonry, however the footing for the CRM headwall is concrete. Will there be a separate 601 item for the concrete work involved in the footing or will the footing be considered CRM and billed by the CY under item 508.0500?**

RESPONSE: CRM headwall shall be constructed according to the detail. The concrete footing is incidental to the CRM work.

**48. Please provide typical trench detail for new 18" drainline at sta. 490+02.**

RESPONSE: See Addendum No.1

**49. Will there be a construction manager assigned to this project?**

RESPONSE: Yes

**50. Traffic control plans call for a police officer on the leading & trailing side of lane closures. These are not always available, especially on Kauai. Please confirm certified traffic control flaggers are acceptable instead of police officers.**

RESPONSE: Traffic control flaggers are acceptable.

**51. what will be the procedure for requesting lane closures? Will the construction manager or HDOT be handling the paperwork involved in this?**

Response: HDOT or their agent.

**52. Does the apprenticeship agreement preference apply to this project?**

RESPONSE: No

**53. Will shoulder widening be limited to an area that can be backfilled in the same day? We would request to leave a 3" vertical drop along the shoulder and come back at a later date to place the 3" asphalt base. Please confirm this will be acceptable. This would meet the requirements in section 415.03(B).**

RESPONSE: 3" vertical drop requires a wedge or transition against the travel lane. Areas adjacent to lithtec requires a stable edge.

**54. Please confirm if water must be injected directly into the subbase by the specified reclaimer on this project.**

RESPONSE: Material to be consistently tested to maintain optimum moisture content per Special Provision Section 307.

**55. Per Lithified Technologies' website," With LithTec™, "Accelerated Lithification" takes between 24-48 hours." Is the contractor allowed to close a road section for this period of time to allow curing of recycled base with LithTec additive?**

RESPONSE: Single lane closure allowed within the working hours.

**56. Work hours provided are 9pm-5am Sunday thru Thursday. Per LithTec website, recommended curing time before supporting traffic is 4 hours. Will this recommendation be required prior to allowing traffic?**

RESPONSE: Yes

**57. High-moisture content subgrade has been a constant through various projects on this road. Will a variance be allowed if the required compaction specifications for material placed on the subgrade cannot be achieved with “standard” compactive efforts?**

RESPONSE: See Special Provision 321 – Hexagonal, Trapezoidal, and Triangular Geogrid.

**58. Please provide a transition detail between new PMA pavement (cold plane and pave) and slurry seal on Lithified base course.**

RESPONSE: See response to RFI 37.

**59. Per Lithified Technologies’ website,” With LithTec™, “Accelerated Lithification” takes between 24-48 hours.” Lith Tec requires an optimum moisture content be maintained for the duration of this curing time. Per State Spec Section 404, slurry seal shall not be placed on wet surface as determined by engineer. Will a variance to the work hours for this project be granted to allow contractor to maintain optimum moisture content?**

RESPONSE: No, slurry seal must be placed on SSD surface. Slurry seal may be placed after the 24-48 hour lithification period.

**60. Can the contractor open Lith Tec base course to the public without the slurry seal wearing course?**

RESPONSE: Yes. See response to RFI 59