STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 1
for
HAWAII BELT ROAD
KAWAILII STREAM BRIDGE REPLACEMENT
FEDERAL AID PROJECT NO. ER-15(3)

The following amendments shall be made to the Bid Documents:

A. SPECIFICATIONS

1. Replace Table of Contents Pages 1 through 3 dated 1/02/09 with the attached Pages 1 through 3 dated r1/26/10.

2. Replace Page 107-1a dated 7/01/08 with the attached Pages 107-1a through 107-2a dated r1/26/10.

3. Replace Pages 503-1a through 503-7a dated 12/09/09 with the attached Pages 503-1a through 503-8a dated r1/15/10.

4. Replace Pages 601-1a through 601-3a dated 12/09/09 with the attached Pages 601-1a through 601-3a dated r1/15/10.

5. Replace Federal Wage Rates Pages 1 through 20 dated 11/27/09 with the attached Pages 1 through 20 dated 1/08/10.

6. Replace the Sample Forms Title Page dated 9/27/07 with the attached Sample Forms Title Page dated 1/02/10.

7. Remove the Prompt Payment Certification form from the Specifications.

8. Replace the Final Report of DBE Participation dated 05/07/04 with the attached DBE Participation Report dated 08/09.

B. PROPOSAL

1. Replace Pages P-8 through P-13 dated 8/31/09 with the attached Pages P-8 through P-13 dated r1/26/10.

C. PLANS

1. Plan Sheet No. 1: The End Project Limit shall be revised from Station 57+20 to Station 62+50. The End Mile Post shall be revised from 35.09 to 35.10.

2. Replace Plan Sheet No. ADD. 10 with the attached Plan Sheet No. 10.

3. The attached Plan Sheet No. 10S-1 shall be incorporated and made part of the Plans.

4. Replace Plan Sheet Nos. 63, 64, 67, and 80 with the attached Plan Sheet Nos. ADD. 63, ADD. 64, ADD. 67, and ADD. 80.

D. PRE-BID MEETING MINUTES

1. Attached are the January 26, 2010 Pre-Bid Meeting Minutes and Attendance Sheet.

E. REQUEST FOR INFORMATION

Pre-Bid – 01:
Please verify the "limits of detour road contractor's work" and notes on Sheet 11, and that only the Acrow bridge's Honokaa abutment and wingwall are to be included in Proposal Item 202.2000.

That is correct, only the Honokaa side abutment and wingwall are included.

Pre-Bid – 02:
Is it acceptable to utilize temporary jersey barriers similar to Standard Plan TE-42 wrapped in geomembrane?

Yes, provided that it meets the requirements shown in the detail on Plan Sheet 34.

Pre-Bid – 03:
Construction sequence on Sheet 80 #2 calls for excavation behind the existing bridge before Sheet 80 #3 which is to demolish the remaining existing retaining walls and construction of the diversion channel shown on the BMP Plan Sheets 30 thru 34. Sequencing would appear to be more appropriate if the two 48-inch HDPE culverts were installed first, the berms diversion channel next, followed by demolition of the remaining retaining walls and existing bridge to minimize the amount of erosion and sediment from entering Kawailii Stream if there should be water flowing.

All of the construction sequences shall be followed as shown on sheet 80 without any revision.

Pre-Bid – 04:

Is an electronic copy of the Geotech Report available and how can we obtain a copy? Is a copy of the report available at the Hawaii District Office?

No electronic version of the report is available, however a hard copy is available at the Hawaii District Office and at the Kapolei office (contact Rob Sun).

Pre-Bid – 05:

Construction sequence on Sheet 80 #2 calls for excavation in back of the existing bridge not to exceed 2-feet difference in depth. Excavation is to be keyed and benched at a 4'-0" maximum rise and 6'0" maximum run. Special Provision 205.3(a)(1) requires calculations and working drawings for bracing of slopes be stamped by registered professional civil and structural engineers. What is the intent of requiring excavation, as noted above, for a structure to be demolished? Given compliance to Special Provisions 205.3(1)(1), would it be acceptable to excavate for the "keyed" structural backfill after Stage 9 (pouring of deck topping, end beam, and edge beam) after Stage 9 with installation of the fabric reinforced aggregate base course backfill being done after construction of the wingwalls and retaining walls?

All of the construction sequences shall be followed as shown on sheet 80 without any revision. Excavation specified on sheet required due to design assumptions and considerations.

Pre-Bid – 06:
Are there As-Built Drawings of the existing bridge available? They are necessary to accurately estimate Item No. 202.1000 – Removal of Existing Bridge.

As-built drawings for Kawailii Bridge are available at the DOT Kapolei office, Room 609. Please consult with the Drafting Unit for the proper procedure.

Pre-Bid – 07:
Are plans and details for the existing Acrow bridge abutment and wingwall available?

No plans for the existing Acrow bridge abutment and wingwall are available.

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.

Brennon T. Morioka, Ph.D., P.E.
Director of Transportation

TABLE OF CONTENTS

DIVISION 300 BASES		
Section	**Description**	**Pages**
301	Hot Mix Asphalt Base Course	301-1a
312	Hot Mix Glassphalt Base Course	312-1a

DIVISION 400 – PAVEMENTS		
Section	**Description**	**Pages**
401	Hot Mix Asphalt (HMA) Pavement	401-1a – 401-3a
411	Portland Cement Concrete Pavement	411-1a

DIVISION 500 – STRUCTURES		
Section	**Description**	**Pages**
503	Concrete Structures	503-1a – 503-8a
504	Prestressed Concrete Members	504-1a – 504-3a

DIVISION 600 - INCIDENTAL CONSTRUCTION		
Section	**Description**	**Pages**
601	Structural Concrete	601-1a – 601-3a
602	Reinforcing Steel	602-1a – 602-2a
606	Guardrail	606-1a
629	Pavement Markings	629-1a
651	Improvement of Access to County Baseyard	651-1a – 651-2a
660	Probing and Grouting at Structure Footings	660-1a – 660-4a
699	Mobilization	699-1a

DIVISION 700 – MATERIALS		
Section	**Description**	**Pages**
705	Joint Materials for Concrete Structures	705-1a
709	Reinforcing Steel, Wire Rope and Prestressing Steel	709-1a
712	Miscellaneous	
	Epoxy Resin Adhesive	712.02-1a
	Non-Shrink Grout/Epoxy Grout	712.04-1a
717	Cullet And Cullet-Made Materials	717-1a – 717-2a

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

Federal Wage Rates

END OF TABLE OF CONTENTS

SECTION 107 - LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC

Make the following amendments to said Section:

(I) Amend **107.01(B)(1) – Commercial General Liability (Occurrence form)** from lines 61 to 62 to read as follows:

"**(c)** Bodily Injury & Property Damage Insurance."

(II) Amend **107.01(B) – Types of Insurance** by adding the following after line 82:

"**(4) Builder's Risk:**

(a) New Buildings or Bridges. The Contractor shall take out a policy of builder's risk insurance, for the full replacement value of the insurable improvements of the project from a company licensed to do business in the State of Hawaii, covering all work, labor and materials furnished by such Contractor and all its subcontractors against loss by fire, windstorm, lightning, explosion and other perils covered by the standard Extended Coverage Endorsement, and vandalism and malicious mischief.

The State of Hawaii, its officers and employees, shall be as additional insureds under these coverages.

(b) Building or Bridge Renovation Contract. The Contractor shall take out a policy of builder's risk insurance in the amount equivalent to the contract amount, covering all work, labor and materials furnished by such Contractor and all its Subcontractors against loss by fire, windstorm, lightning, explosion and other perils covered by the Extended Coverage Endorsement, and vandalism and malicious mischief.

The State of Hawaii, its officers and employees, shall be as additional insureds under these coverages."

(III) Amend **107.01(B)(1)(c) – Commercial General Liability (Occurrence form)** by adding the following at the end of line 65:

"Additional Insureds under these coverages shall include:

- Trustees of the Estate of Bernice Pauahi Bishop dba Kamehameha Schools
- LHF Lopiwa LLC

- Mr. & Mrs. Torao Saito
- County of Hawaii"

(IV) Amend **107.01(B)(2) - Comprehensive Automobile Liability** by adding the following at the end of line 72:

"Additional Insureds under these coverages shall include:

- Trustees of the Estate of Bernice Pauahi Bishop dba Kamehameha Schools
- LHF Lopiwa LLC
- Mr. & Mrs. Torao Saito
- County of Hawaii"

(V) Amend **107.01(D)(1) – Subcontractor Insurance** by adding the following at the end of line 102:

"Additional Insureds under these coverages shall include:

- Trustees of the Estate of Bernice Pauahi Bishop dba Kamehameha Schools
- LHF Lopiwa LLC
- Mr. & Mrs. Torao Saito
- County of Hawaii"

END OF SECTION 107

SECTION 503 - CONCRETE STRUCTURES

Make the following amendments to said Section:

(I) Amend **503.02 Materials** to read as follows:

"503.02 Materials.

Structural Concrete	601
Reinforcing Steel	602
Joint Filler	705.01
Joint Sealer	705.04
Flashing Compound	705.05
Waterproofing	705.06
Waterstops	705.07
Asphalt Roll Roofing (Roofing Felt) 705.13	
Dowels	709.01(E)
Curing Materials	711.01
Admixtures	711.03
Grout	712.04
Bearing Devices and Related Materials	712.09
Abrasive Coating	712.11"

(II) Amend **503.03(B) Falsework, Formwork, or Centering** by revising the fourth paragraph from lines 78 to 84 to read as follows:

"Use the Alternate Design Method in ACI 318 – Building Code Requirements for Structural Concrete for the design of falsework, formwork, or centering but the maximum extreme flexural fiber stress of the concrete in compression must not exceed 0.40 f'c. AASHTO, UBC/ICBO and other industry specifications or codes may be used upon acceptance where allowable stresses

are not specified in ACI. Limit maximum deflection due to weight of dead and live loads to 0.4 percent of span. Provide camber strips to compensate for deflections or other movements greater than ¼ inch."

(III) Amend **503.03(B) Falsework, Formwork,or Centering** by adding the following sentences to the seventh paragraph at line 106:

"Temporary bracing shall be provided, as necessary to withstand all imposed loads during erection, construction and removal of falsework."

(IV) Amend **503.03(B) Falsework, Formwork, or Centering** by revising the ninth paragraph from lines 112 to 122 as follows:

"Show stresses and deflection of load supporting members in design calculations. Show anticipated total settlements of falsework and forms on falsework drawings, including falsework footing pressure and settlement, and joint take-up. Construct deck slab form between girders with no allowance for settlement relative to girders. Do not exceed 1 inch for anticipated settlements of falsework. Provide tell-tales attached to soffit forms, readable from the ground, at sufficient locations to determine total settlements and deflections resulting form concrete placement. Check for any movement or deformation of forms and falsework that may exceed the calculated or anticipated deflection or settlement. If the movement or deformation is exceeded, take appropriate action. This action may include halting concrete placement to install additional bracing or changing the rate or sequence of concrete placement to achieve the required lines and grade. Discontinue concrete placement when settlements deviate more than ± 3/8 inch from those indicated on falsework drawings. In such affected areas, provide corrective measures prior to initial set of concrete. Remove unacceptable concrete."

(V) Amend **503.03(C)(1) Construction** by revising the first paragraph between lines 169 and 172 as follows:

"Use wood or metal forms that are impervious to moisture, non-staining to concrete, mortar tight and sufficiently rigid to prevent distortion due to pressure of concrete and other loads, including vibration, incidental to construction. Construct and maintain forms to prevent joints from opening. Formwork joints shall be filled with approved material that is impervious to moisture, will not stain concrete, and produces tight joints."

(VI) Amend **503.03(C)(1) Construction** by adding the following paragraph after the first paragraph at line 173:

"Precast members for reinforced concrete box culverts will not be acceptable."

(VII) Amend **503.03(C)(1) Construction** by revising the second paragraph between lines 174 and 176 to read as follows:

"Unless otherwise indicated in the contract documents, place minimum ¾ inch by ¾ inch chamfer at sharp edges of exposed concrete surfaces. Give girder and coping forms bevels or drafts to ensure easy removal."

(VIII) Amend **503.03(C)(1) Construction** by adding the following sentence to the ninth paragraph at line 209:

"The Engineer will stop the use of the forms or forming systems which produce a concrete surface with excessive undulations until the Contractor makes modification acceptable to the Engineer."

(IX) Amend **503.03(C)(2) Form Lumber** by adding the following sentence to the first paragraph after line 224:

"When requested by the Engineer, submit certificates verifying grade and species of any piece of lumber which does not have a grade or species stamp."

(X) Amend **503.03(D) Removal of Falsework and Forms** by revising Table 503.03-1 – Removal of Falsework and Forms at line 297 to read as follows:

"TABLE 503.03-1 – REMOVAL OF FALSEWORK AND FORMS

Railing and Barriers – 12 Hours Removal Time						
Beams, Arches, and Other Members – 14 days Removal Time						
Slabs With Maximum Thickness of (Inches)	9		12		More Than 12	
Removal Time (Days)	7		10		14	
Walls, Columns, and Verical Sides of Beams With Maximum Height of (Feet)	2	5	10	20	30	**40 or More**
Removal Time (Days)	0.5	1	2	3	5	7
Note: Where forms also support vertical or horizontal loads imposed on slab or beam soffits, use 14 days for removal time."						

(XI) Amend **503.03(D) Removal of Falsework and Forms** by deleting the last paragraph between lines 329 and 334.

(XII) Amend **503.03(E) Loading** by deleting the words, "except abutment walls and wingwalls" in line 337.

(XIII) Amend **503.03(F)(1) General** by adding the following sentence at the end of the first paragraph at line 368:

"The 30 minute interval specified herein shall be reduced to 15 minutes if Type III Portland cement is used in the concrete."

(XIV) Amend **503.03(F)(1) General** by adding the following paragraphs after line 419:

"At the time of placement, the concrete temperature shall not exceed 85 degrees Fahrenheit.

The rate of evaporation shall be measured by using the nomograph: ACI 308R-23 Figure 4.1. When the rate of evaporation exceeds 0.15 lb/sq ft/hr, the concrete shall be fogged before and after finishing. Fog nozzles, in lieu of garden hose nozzles, shall be used to atomize water using air pressure to create a fog blanket. If plastic shrinkage cracks appear during finishing, the cracks shall be closed by striking each side of the crack with a float and refinishing the concrete."

(XV) Amend **503.03(F) Placing Concrete** by adding a new subsection after line 565 as follows:

"**(8)** Certified Concrete Flatwork Finisher Requirement. Perform the placement, and finishing operations of concrete flatwork with a minimum ratio of one certified ACI Concrete Flatwork Finisher and Technician with 4,500 hours of acceptable work experience (certified craftsman) per three concrete finishers (concrete finishers without ACI Concrete Flatwork Finisher and Technician certification and 4,500 hours of acceptable work experience) at each location having flatwork done. The concrete flatwork shall be under the direct supervision of a certified craftsman. Designate the certified craftsman who will be supervising and responsible for determining the quality of the finish of the concrete flatwork being performed. No flatwork shall be performed without the required amount of certified craftsman present.

(a) Flatwork concrete is defined as any concrete work that requires tools or machines to be used during the placement and finishing operations of concrete. Concrete flatwork includes concrete work that requires a specified finishing, smoothness or rigid surface tolerances such as sidewalks, walkways, Portland cement concrete pavement, concrete

white-topping, girder seats, pier caps, bridge decks, on-grade concrete slabs, approach slabs, concrete overlays, and concrete repairs which exceed one square foot per day.

(b) Areas that are not considered flatwork concrete are the top of foundations or structures that will have backfill material placed directly on the concrete surface.

(c) Submit copies of the craftsman's current ACI certification 30 days before concrete flatwork begins for the Engineer's review and acceptance. The Engineer has the right to require the removal, replacement, retraining and re-certification of a certified craftsman if that person does not, in the opinion of the Engineer, demonstrate the ability to place and finish concrete in accordance with the practices recommended in the ACI Concrete Flatwork Finisher Certification Program and to meet the finishing standards required by the contract documents.

(d) Any cost or impact to the contractor in providing, training, certification, retraining, replacement or re-certification is incidental to the contract items that require concrete flatwork."

(XVI) Amend **503.03(G) Joints** by adding the following sentence at line 565:

"Prior to backfilling with earth or other materials against the joints, all construction, expansion, contraction, and control joints shall be waterproofed with flashing compound waterproofing as detailed in the Standard Plans."

(XVII) Amend **503(G)(1) Construction Joints** by adding the following paragraph after the last paragraph at line 595:

"Longitudinal construction joint in the bridge deck will not be permitted."

(XVIII) Amend **503.03(G)(3) Contraction Joints** by revising the subsection between lines 661 and 665 to read as follows:

"Contraction joints in walls and in other structure shall be spaced at not more than 20 feet on centers and shall be spaced at locations shown on the plans, at abrupt changes in height or thickness, and at obtuse corners unless otherwise directed by the Engineer."

(XIX) Amend **503.03(L)(2) Imperious Membrane** Curing by adding the following sentences to the first paragraph after line 819:

"The curing compound shall be applied to the concrete following the surface finishing operation, immediately before the moisture sheen disappears from the surface, but before any drying shrinkage or craze cracks begin to

appear. In the event of any drying or cracking of the surface, application of water with an atomizing nozzle (fog spray) as specified in Section 503.03(L)(1), "Water Curing", shall be started immediately and shall be continued until application of the compound is resumed or started; however, the compound shall not be applied over any resulting freestanding water. Should the film of compound be damaged from any cause before the expiration of 7 days after the concrete is placed in the case of structures and 72 hours in the case of pavement, the damaged portion shall be repaired immediately with additional compound."

(XX) Amend **503.03(L)(2) Impervious Membrane Curing** by revising the last sentence of the second paragraph between lines 822 and 825 as follows:

"Do not apply membrane curing compound on surfaces to which concrete is to be bonded or to which waterproofing or epoxy is to be applied.

(XXI) Amend **503.03(M) Finishing Concrete Surfaces** by adding the following sentences at line 841:

"No additional water shall be added to the concrete surfaces in an effort to aid the finishing operation as the application of water to aid the finishing operation will result in the rejection of the concrete pour. Finishing aids or evaporation retarders may be used only with written authorization by the Engineer."

(XXII) Amend **503.03 (M)(3)(a) Finishing Bridge Decks and Bridge Approach Slabs** by adding the following sentence to the first paragraph at line 929:

"The requirements of section 411.03(N) Surface test shall apply to bridge decks and bridge approach slabs."

(XXIII) Amend **503.03 (M)(3)(a) Finishing Bridge Decks and Bridge Approach Slabs** by deleting the eleventh paragraph between lines 983 and 987.

(XXIV) Amend **503.03(M)(3)(a)1 Machine Finishing** by adding the following sentences at the end of the second paragraph at line 1021:

"The supports for the screed rails shall not be placed within the deck concrete. The Contractor shall not apply any additional water to the deck surface in an effort to aid his finishing operation. The unauthorized application of water will result in the rejection of that day's concrete placement."

(XXV) Amend **503.03(M)(3)(a)1 Machine Finishing** by revising the first sentence of the third paragraph at lines 1023 to 1025 to read as follows:

"Before the Contractor begins concrete operations, the Contractor shall operate the strike off and finishing machines over the full length and full width of the bridge segment to be paved."

(XXVI) Amend **503.03(M)(3)(a)1 Machine Finishing** by adding the following sentence before the last sentence to the fifth paragraph at line 1039 to read as follows:

"After the concrete has been struck off by machine and consolidated by vibration, it shall be further smoothed and consolidated with a longitudinal float of a suitable design approved by the Engineer."

(XXVII) Amend **503.03(M)(3)(a)1 Machine Finishing** by deleting the last two paragraphs between lines 1098 to 1111 and adding the following paragraphs:

"Concrete bridge decks and concrete approach slabs shall be textured longitudinally by mechanical grooving. Grooves shall be cut into the hardened concrete using a mechanical water-cooled diamond edge blade saw devise which shall produce straight uniformly spaced grooves spaced at 0.75". The groove width shall be 1/8" plus or minus 0.02" and the groove depth shall be 1/8" plus 1/16" or minus zero inches.

If grooves cannot be cut in a continuous longitudinal operation, the continuation of grooves shall be aligned such that joints are not visible.

Before grooves are cut into the accepted hardened concrete, a final straight edging and corrective work, if required, shall be done by the Contractor. Grooves shall be cut continuously and parallel to the existing grooves. Grooves shall be cut continuously and parallel to the existing grooves. Grooving shall be done after the concrete has attained sufficient strength to prevent spalling and revelling, and before the structure is opened to traffic.

A working drawing to control, collect and dispose of run-off water at an accepted off-site facility shall be submitted to the Engineer.

The requirements of Section 411.03(N) Surface Test shall apply to concrete bridge decks and concrete approach slabs. If grinding is required to achieve the specified profile index, the grinding shall be performed prior to the mechanical grooving and shall be done only in the longitudinal direction.

The Engineer will consider the costs of the mechanical grooving as incidental to Concrete for Bridge Deck.

(XXVIII) Amend **503.03(M)(3)b Sidewalk and Median Strip** by revising the first and second paragraphs from lines 1182 to 1191 to read as follows:

"Provide final finish for concrete sidewalks and median strips using wooden float and broom finish. Do not plaster surface. Use edging tool with ¼-inch radius to finish outside edges of sidewalk. Finish sidewalk as plane surface with 2-percent (allowable construction tolerance of plus or minus 0.4 percent maximum) cross slope towards roadway. Test surface of concrete sidewalk with 10-foot straightedge. Correct any deviation in excess of ¼ inch."

END OF SECTION 503

SECTION 601 – STRUCTURAL CONCRETE

Make the following amendments to said Section

(I) Amend **601.03(B) Design and Designation of Concrete** by deleting the phrase including the ending comma "When requested by the Engineer," and capitalizing the word "submit" to read "Submit" at line 42.

(II) Amend **601.03(B) Design and Designation of Concrete** by revising the first sentence of the sixth paragraph at lines 63 to 64 as follows:

"Use Type SBD concrete where specified."

(III) Amend **601.03(B) Design and Designation of Concrete** by adding a new Subsection 601.03(B)(3) Concrete Type SBD after line 145 as follows:

"601.03(B) (3) Concrete Type SBD. This concrete shall be used where specified. Special requirements are listed below.

A shrinkage reducing admixture (SRA), Tetraguard AS20 by BASF or Eclipse by W.R. Grace & Co., or approved equal shall be added to the concrete. The minimum dosage requirement shall be 128 ounces per cubic yard of concrete.

A migrating corrosion inhibitor amine carboxylate water-based admixture shall be added to the concrete. The minimum dosage shall be 1.5 pints per cubic yards of concrete. The admixture shall not affect the set time of the concrete.

The concrete shall have a maximum water to cement ratio of 0.38. The weight of the SRA shall be included in the total water when computing the water to cement ratio.

The percentage bleeding water as calculated for Method A in ASTM C232 shall be zero percentage.

The concrete shall have a maximum shrinkage strain of .00006 at 28 days and .000145 at 56 days according to ASTM C512.

The 28 day compressive strength of the concrete shall be not less than 6000 psi.

The concrete shall contain 9 lbs. per cubic yard of 3mm long alkali resistant glass fiber and 6 lbs. per cubic yard of 40mm long polypropylene/polyethylene synthetic macro fiber.

The concrete shall be designed with an air content between 4% and 7%. The air entrainment admixture (AEA) shall not be a surfactant or a synthetic detergent. The AEA shall be formulated with polymers that are chemically stable and inert. Special equipment shall be used to produce evenly-sized and evenly-dispersed air bubbles that do not react with other ingredients or decay with agitation. The air bubbles shall be produced before the concrete is placed into the mixer of ready-mix truck. Entrained air shall meet the requirements of ASTM C260.

A trial Type SBD concrete pour 20'-0" long, 20'-0" wide and 7" thick shall be constructed under the following conditions:

(a) All equipment, methods, and concrete in the trial pour shall be identical to those used during the construction where specified.

(b) Equipment noted above shall include concrete pumps, vibrators, finishing tools, finishing aids, evaporation retarders and curing compound.

(c) No additional water shall be added to the trial pour surface in an effort to aid the finishing operation. A finishing aid maybe used if submitted by the contractor and approved by the Engineer.

(d) No reinforcing steel or tining are required for the trial pour.

(e) The trial pour shall be cured as required for bridge decks in accordance with Section 503.03(L).

(f) The trial pour costs shall be incidental to the bridge deck concrete.

(g) The location of the trial pour shall be as directed by the Engineer. The trial pour shall be removed and disposal in accordance with Specification Subsection 201.03(F).

The final concrete mix design shall be based on field trial batches to determine the most suitable materials and proportions that will provide a concrete mixture having the least amount of segregation and bleeding, and at the same time provide the necessary workability to meet placing requirements."

(IV) Amend **601.03(E) Transporting Mixed Concrete** by deleting the words "Section 12.5 of" in the first paragraph at line 429.

(V) Amend **601.03(F) Consistency** by revising the slump for Bridge Decks in Table 601.03-3 at line 506 as follows:

"Nominal Slump shall be between 6 to 8 inches and maximum slump shall be 9 inches."

(VI) Amend **Section 601.03(F) Consistency** by adding the following paragraph after line 513:

"If the slump of the ready mix concrete upon delivery is below the design slump, water may be added provided:

(1) Water shall not be added to the concrete if more than ¼ cubic yard of concrete has been discharged from the mixer.

(2) Water may be added only up to 30 minutes after the average travel time to the jobsite.

(3) The maximum slump and/or the maximum water/cement ratio is not exceeded.

(4) Not more than 1 ½ gallons of water per cubic yard shall be added to the concrete."

END OF SECTION 601

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
202.1000	Removal of Existing Bridge	L.S.	L.S.	L.S.	$_____
202.2000	Removal of Detour Road Bridge Abutment and Wingwall	L.S.	L.S.	L.S.	$_____
203.0100	Roadway Excavation	450	CU YD	$_____	$_____
204.1000	Trench Excavation for Water System	L.S.	L.S.	L.S.	$_____
205.0100	Structure Excavation for Abutment Walls	L.S.	L.S.	L.S.	$_____
205.1000	Structure Excavation for Wing Walls, Retaining Walls and Footings, End Posts and Footings	L.S.	L.S.	L.S.	$_____
205.1010	Structure Excavation for Invert Slab	L.S.	L.S.	L.S.	$_____
205.1100	Structure Backfill for Abutment Walls	L.S.	L.S.	L.S.	$_____
205.2000	Structure Backfill for Wing Walls, Retaining Walls and Footings, End Posts and Footings	L.S.	L.S.	L.S.	$_____
209.0050	Installation, Maintenance, Monitoring and Removal of BMP	L.S.	L.S.	L.S.	$_____
209.0100	Additional Water Pollution, Dust and Erosion Control	F.A.	F.A.	F.A.	$ 50,000.00
215.1000	Historic Documentation	L.S.	L.S.	L.S.	$_____
305.1000	Aggregate Subbase	L.S.	L.S.	L.S.	$_____
312.1100	Hot Mix Glassphalt Base Course	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
401.0400	HMA Pavement, Mix No. IV	L.S.	L.S.	L.S.	$_____
401.0500	HMA Pavement, Mix No. V	L.S.	L.S.	L.S.	$_____
401.0600	HMA Pavement, Mix No. IV at Guardrail	L.S.	L.S.	L.S.	$_____
415.0100	Cold Planing	L.S.	L.S.	L.S.	$_____
503.0500	Concrete for Water System	L.S.	L.S.	L.S.	$_____
503.1000	Concrete for Abutment Walls	L.S.	L.S.	L.S.	$_____
503.1010	Concrete for Wing Walls with Concrete Railing	L.S.	L.S.	L.S.	$_____
503.1020	Concrete for Wing Walls	L.S.	L.S.	L.S.	$_____
503.1030	Concrete for Retaining Walls and Footings with Concrete Railing	L.S.	L.S.	L.S.	$_____
503.1040	Concrete for Retaining Walls and Footing	L.S.	L.S.	L.S.	$_____
503.1050	Concrete for Invert Slab	L.S.	L.S.	L.S.	$_____
503.1060	Concrete for Bridge Deck	L.S.	L.S.	L.S.	$_____
503.1070	Concrete for Approach Slab with Sleeper Slab	L.S.	L.S.	L.S.	$_____
504.1000	Prestressed Concrete Plank	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
507.1000	Bridge Concrete Railing	L.S.	L.S.	L.S.	$_____
507.2000	Metal Railing on Concrete Railing	L.S.	L.S.	L.S.	$_____
602.0500	Reinforcing for Water System	L.S.	L.S.	L.S.	$_____
602.1000	Reinforcing for Abutment Walls	L.S.	L.S.	L.S.	$_____
602.1010	Reinforcing for Wing Walls with Concrete Railing	L.S.	L.S.	L.S.	$_____
602.1020	Reinforcing for Wing Walls	L.S.	L.S.	L.S.	$_____
602.1030	Reinforcing for Retaining Walls and Footings with Concrete Railing	L.S.	L.S.	L.S.	$_____
602.1040	Reinforcing for Retaining Walls and Footing	L.S.	L.S.	L.S.	$_____
602.1050	Reinforcing for Invert Slab	L.S.	L.S.	L.S.	$_____
602.1060	Reinforcing for Bridge Deck	L.S.	L.S.	L.S.	$_____
602.1070	Reinforcing for Approach Slab with Sleeper Slab	L.S.	L.S.	L.S.	$_____
605.0100	6-Inch Underdrain	L.S.	L.S.	L.S.	$_____
605.0200	Underdrain Outlet	L.S.	L.S.	L.S.	$_____
605.0300	Cleanout	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
606.1000	Concrete End Post	L.S.	L.S.	L.S.	$_____
606.3111	Guardrail Type 3 - Thrie Beam Transition to End Post	L.S.	L.S.	L.S.	$_____
606.3112	Guardrail Type 3 – W-Beam w/ Strong Post	L.S.	L.S.	L.S.	$_____
606.7000	Terminal Section Type FLEAT-350 Guardrail	L.S.	L.S.	L.S.	$_____
606.7010	Terminal Section Type "G" Guardrail	L.S.	L.S.	L.S.	$_____
607.1000	Four-Feet, Chain Link Fence	L.S.	L.S.	L.S.	$_____
612.0300	Grouted Rubble Paving	L.S.	L.S.	L.S.	$_____
624.1000	Water System	L.S.	L.S.	L.S.	$_____
629.1000	Double 4-inch Yellow Pavement Striping (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1010	4-inch Pavement Striping (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1030	8-inch Pavement Striping (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1040	12-inch Pavement Striping (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.2030	Type C Pavement Marker	L.S.	L.S.	L.S.	$_____
629.2040	Type D Pavement Marker	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.2050	Type H Pavement Marker	L.S.	L.S.	L.S.	$_____
629.2060	Type J Pavement Marker	L.S.	L.S.	L.S.	$_____
632.4020	Reflector Marker (RM-2, white) on Flexible Post	L.S.	L.S.	L.S.	$_____
632.4030	Reflector Marker (RM-3, yellow) on Flexible Post	L.S.	L.S.	L.S.	$_____
632.4040	Reflector Marker (RM-4, yellow) w/ Steel Post	L.S.	L.S.	L.S.	$_____
632.4050	Reflector Marker (RM-5, yellow) Mounted on Guardrail	L.S.	L.S.	L.S.	$_____
645.7000	Traffic Control	L.S.	L.S.	L.S.	$_____
645.7110	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	F.A.	F.A.	F.A.	$ 25,000.00
648.1000	Field-Posted Drawings	L.S.	L.S.	L.S.	$_____
651.0100	Improvement of Access to County Baseyard	F.A.	F.A.	F.A.	$ 6,500.00
655.0100	Dumped Riprap	L.S.	L.S.	L.S.	$_____
660.1000	Furnishing Probing and Grouting Equipment	L.S.	L.S.	L.S.	$_____
660.1100	Probe Holes	400	LIN FT	$_____	$_____
660.1200	Grouting of Probe Holes	5	CU YD	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
660.1300	Additional Probe Holes	F.A.	F.A.	F.A.	$ 10,000.00
660.1400	Grouting of Additional Probe Holes	F.A.	F.A.	F.A.	$ 10,000.00
696.1000	Field Office Trailer (Not to Exceed $32,000)	L.S.	L.S.	L.S.	$_____
696.2000	Maintenance of Trailer	F.A.	F.A.	F.A.	$ 10,000.00
699.1000	Mobilization (Not to Exceed 10% of Sum of All Items Excluding the Bid Price of this Item and Force Account Items)	L.S.	L.S.	L.S.	$_____

a. Sum of All Items ..... $ _____

b. Either Furnish Foreign Steel Not to Exceed Minimal Amount (Fill in '0') or
Furnish Foreign Steel in Excess of Minimal Amount (Fill in 25% x a) ..... $ _____

c. Amount for Comparison of Bids (a + b) ..... $ _____

All bidders must fill in b and complete c

NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.

MEETING MINUTES

FOR

HAWAII BELT ROAD
KAWAILII BRIDGE REPLACEMENT
FEDERAL AID PROJECT NO. ER-15(3)
DISTRICT OF HAMAKUA
ISLAND OF HAWAII

January 26, 2010

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MEETING MINUTES

The meeting started at 10:00 a.m. The attached Attendance Sheet lists the individuals that were present:

The following items were discussed:

A. Traffic control for the County baseyard improvements will be paid for by Item No. 651.0100. Section 645 shall not be used to pay for this work.

B. Construction NTP is unknown at this time and will be determined between the Contractor and HWY-H. However, the State typically estimates 5 months after bid opening.

C. Regarding the historic documentation, the completed documentation shall be submitted to HWY-H for review.

D. The removal of the detour roadway and bridge outside the limits specified on the bid plans will be performed under a separate contract.

The meeting adjourned at 10:30 a.m.

Prebid Meeting for
HAWAII BELT ROAD
KAWAILII STREAM BRIDGE REPLACEMENT
FEDERAL-AID PROJECT NO. ER-15(3)

January 26, 2010
10:00 AM

NO.	NAME	OFFICE	EMAIL	PHONE NO.
1	Bobby Yung	GBI	~~bobby.yung@~~ bobbyy@goodfellowbros.com	294-0767
2	Mike Nakashima	Hawaiian Dredging	mnakashima@hdcc.com	735-5525
3	Richard Halle	Hawaiian Dredging	rhalle@hdcc.com	735-3248
4	Charles Creisher	Ledcor Construction	charles.creisher@ledcor.com	540-0777
5	Norman Leong	WRSA	nleong@WRSA.biz	536-4495 ext. 116
6	Neal Fukumoto	WRSA	nfukumoto@wrsa.biz	5364495 x 111
7	Robert Sun	HDOT	robert.sun@hawaii.gov	692-7578
8	GERALD SEKI	GEOLABS	geraldegeolabs.net	841-5064
9	Russ Miyahara	KSF	russm@ksfinc.us	593-0933
10	Syd Kubo	Isemoto Contracting	isemoto4@ilhawaii.net	960-2012 985-7194
11	Paul Johnson	Triton Marine	pjohnson@triton-marine.com	488-0854
12	Micah Bowers	Kiewit Pacific	Micah.Bowers@kiewit.com	674-1088
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24				

GENERAL DECISION: HI20080001 01/08/2010 HI1

Date: January 8, 2010
General Decision Number: HI20080001 01/08/2010

Superseded General Decision Number: HI20070001

State: Hawaii

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

Counties: Hawaii Statewide.

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

Modification Number	Publication Date
0	02/08/2008
1	02/15/2008
2	02/22/2008
3	02/29/2008
4	03/07/2008
5	04/18/2008
6	05/30/2008
7	06/20/2008
8	07/04/2008
9	07/11/2008
10	07/18/2008
11	07/25/2008
12	08/01/2008
13	09/05/2008
14	09/12/2008
15	09/19/2008
16	10/03/2008
17	10/31/2008
18	01/09/2009
19	02/06/2009
20	02/13/2009
21	02/27/2009
22	03/06/2009
23	04/24/2009
24	07/03/2009
25	07/10/2009
26	08/21/2009
27	09/04/2009
28	09/11/2009
29	09/25/2009
30	10/23/2009
31	11/06/2009
32	11/13/2009
33	11/27/2009
34	01/08/2010

ASBE0132-001 08/30/2009

	Rates	Fringes
Asbestos Workers/Insulator Includes application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems. Also the application of firestopping material for wall openings and penetrations in walls, floors, ceilings and curtain walls	$ 35.60	21.69

BOIL0627-005 10/01/2008

	Rates	Fringes
BOILERMAKERS	$ 31.00	22.10

BRHI0001-001 08/31/2009

	Rates	Fringes
BRICKLAYER		
Bricklayers and Stonemasons	$ 36.20	16.77
Pointers, Caulkers and Weatherproofers	$ 36.45	16.77

BRHI0001-002 08/31/2009

	Rates	Fringes
Tile, Marble & Terrazzo Worker		
Terrazzo Base Grinders	$ 34.64	16.77
Terrazzo Floor Grinders and Tenders	$ 33.09	16.77
Tile, Marble and Terrazzo Workers	$ 36.45	16.77

CARP0745-001 08/31/2009

	Rates	Fringes
Carpenters:		
Carpenters; Hardwood Floor Layers; Patent Scaffold Erectors (14 ft. and over); Piledrivers; Pneumatic Nailers; Wood Shinglers and Transit and/or Layout Man	$ 36.20	19.22
Millwrights and Machine Erectors	$ 36.45	19.22

Power Saw Operators (2 h.p. and over)	$ 36.35	19.22

CARP0745-002 08/31/2009

	Rates	Fringes
Drywall and Acoustical Workers and Lathers	$ 36.45	19.22

ELEC1186-001 03/01/2009

	Rates	Fringes
Electricians:		
Cable Splicers	$ 42.68	30.6%+11.65
Electricians	$ 38.80	30.6%+11.65
Technicians	$ 39.96	30.6%+11.65

ELEC1186-002 08/23/2009

	Rates	Fringes
Line Construction:		
Cable Splicers	$ 42.68	3%+15.82
Groundmen/Truck Drivers	$ 29.10	3%+16.70
Heavy Equipment Operators	$ 34.92	3%+17.61
Linemen	$ 38.80	3%+18.21
Technicians	$ 39.96	30.6%+11.65

* ELEV0126-001 01/01/2010

	Rates	Fringes
ELEVATOR MECHANIC	$ 48.23	20.24

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

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

ENGI0003-002 08/31/2009

	Rates	Fringes
Diver (Aqua Lung) (Scuba)		
Diver (Aqua Lung) (Scuba) (over a depth of 30 feet)	$ 56.80	22.83
Diver (Aqua Lung) (Scuba) (up to a depth of 30 feet)	$ 47.43	22.83
Stand-by Diver (Aqua Lung) (Scuba)	$ 38.05	22.83
Diver (Other than Aqua Lung)		
Diver (Other than Aqua		

Lung)	$ 56.80	22.83
Diver Tender (Other than Aqua Lung)	$ 35.02	22.83
Stand-by Diver (Other than Aqua Lung)	$ 38.05	22.83
Helicopter Work		
Airborne Hoist Operator for Helicopter	$ 36.60	22.83
Co-Pilot of Helicopter	$ 36.74	22.83
Pilot of Helicopter	$ 36.91	22.83
Power equipment operator - tunnel work		
GROUP 1	$ 33.04	22.83
GROUP 2	$ 33.15	22.83
GROUP 3	$ 33.32	22.83
GROUP 4	$ 33.59	22.83
GROUP 5	$ 33.90	22.83
GROUP 6	$ 34.55	22.83
GROUP 7	$ 34.87	22.83
GROUP 8	$ 34.98	22.83
GROUP 9	$ 35.09	22.83
GROUP 9A	$ 35.32	22.83
GROUP 10	$ 35.38	22.83
GROUP 10A	$ 35.53	22.83
GROUP 11	$ 35.68	22.83
GROUP 12	$ 36.04	22.83
GROUP 12A	$ 36.40	22.83
Power equipment operators:		
GROUP 1	$ 32.74	22.83
GROUP 2	$ 32.85	22.83
GROUP 3	$ 33.02	22.83
GROUP 4	$ 33.29	22.83
GROUP 5	$ 33.60	22.83
GROUP 6	$ 34.25	22.83
GROUP 7	$ 34.57	22.83
GROUP 8	$ 34.68	22.83
GROUP 9	$ 34.79	22.83
GROUP 9A	$ 35.02	22.83
GROUP 10	$ 35.08	22.83
GROUP 10A	$ 35.23	22.83
GROUP 11	$ 35.38	22.83
GROUP 12	$ 35.74	22.83
GROUP 12A	$ 36.10	22.83
GROUP 13	$ 33.02	22.83
GROUP 13A	$ 33.29	22.83
GROUP 13B	$ 33.60	22.83
GROUP 13C	$ 34.25	22.83
GROUP 13D	$ 34.57	22.83
GROUP 13E	$ 34.68	22.83

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 Loaderand 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, Liebher, Linden, and similar types of Tower Cranes (in the erection, dismantling, and moving of equipment there shall be an additional Operating Engineer or Heavy Duty Repairman); Yo-Yo Cat or Dozer.

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

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

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

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

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

GROUP 13E: End Dumps, Unlicensed (Euclid, Mack, Caterpillar

or similar); Tractor Trailer (Hauling Equipment); Tandem Trucks hooked up to Trailer (Hauling Equipment)

BOOMS AND/OR LEADS (HOURLY PREMIUMS):

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

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

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

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

ENGI0003-004 08/31/2009

	Rates	Fringes
Dredging: (Boat Operators)		
Boat Deckhand	$ 33.02	22.83
Boat Operator	$ 35.23	22.83
Master Boat Operator	$ 35.38	22.83
Dredging: (Clamshell or Dipper Dredging)		
GROUP 1	$ 35.74	22.83
GROUP 2	$ 35.08	22.83
GROUP 3	$ 34.68	22.83
GROUP 4	$ 33.02	22.83
Dredging: (Derricks)		
GROUP 1	$ 35.74	22.83
GROUP 2	$ 35.08	22.83
GROUP 3	$ 34.68	22.83
GROUP 4	$ 33.02	22.83
Dredging: (Hydraulic Suction Dredges)		
GROUP 1	$ 35.38	22.83
GROUP 2	$ 35.23	22.83
GROUP 3	$ 35.08	22.83
GROUP 4	$ 35.02	22.83
GROUP 5	$ 34.68	22.83

GROUP 6.....$ 34.57 22.83
GROUP 7.....$ 33.02 22.83

CLAMSHELL OR DIPPER DREDGING CLASSIFICATIONS

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

HYDRAULIC SUCTION DREDGING CLASSIFICATIONS

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

DERRICK CLASSIFICATIONS

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

ENGI0003-044 08/31/2009

	Rates	Fringes
Power Equipment Operators (PAVING)		
Asphalt Concrete Material Transfer	$ 34.87	23.18
Asphalt Plant Operator	$ 35.30	23.18
Asphalt Raker	$ 33.91	23.18
Asphalt Spreader Operator	$ 35.39	23.18
Cold Planer	$ 34.70	23.18
Combination Loader/Backhoe (over 3/4 cu.yd.)	$ 33.91	23.18
Combination Loader/Backhoe (up to 3/4 cu.yd.)	$ 32.93	23.18
Concrete Saws and/or Grinder (self-propelled unit on streets, highways, airports and canals)	$ 34.87	23.18
Grader	$ 35.70	23.18
Laborer, Hand Roller	$ 33.41	23.18
Loader (2 1/2 cu. yds. and under)	$ 34.87	23.18
Loader (over 2 1/2 cu. yds. to and including 5 cu. yds.)	$ 35.19	23.18
Roller Operator (five tons		

and under)	$ 33.64	23.18
Roller Operator (over five tons)	$ 35.07	23.18
Screed Person	$ 34.87	23.18
Soil Stabilizer	$ 34.70	23.18

IRON0625-001 09/01/2009

	Rates	Fringes
Ironworkers:	$ 32.50	26.01

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

LABO0368-001 08/31/2009

	Rates	Fringes
Laborers:		
GROUP 1	$ 28.30	15.15
GROUP 2	$ 25.70	15.15
GROUP 3	$ 29.30	15.15
GROUP 4	$ 28.80	15.15
GROUP 5	$ 27.80	15.15
GROUP 6	$ 19.70	10.90

LABORERS CLASSIFICATIONS

GROUP 1: Asbestos Removal Worker (EPA certified workers); Asphalt Laborer, Ironer, Raker, Luteman, and Handroller, and all types of Asphalt Spreader Boxes; Asphalt Shoveler; Assembly and Installation of Multiplates, Liner Plates, Rings, Mesh, Mats; Batching Plant (portable and temporary); Boring Machine Operator (under streets and sidewalks); Buggymobile; Burning, Welding, Signalling, Choke Setting, and Rigging in connection with Laborers' work (except demolition); Chainsaw, Faller, Logloader, and Bucker; Compactors (Jackson Jumping Jack and similar); Concrete Bucket Dumpman; Concrete Chipping; Concrete Chuteman/Hoseman (pouring concrete) (the handling of the chute from ready-mix trucks for such jobs as walls, slabs, decks, floors, foundations, footings, curbs, gutters, and sidewalks); Concrete Core Cutter (Walls, Floors, and Ceiling); Concrete Grinding or Sanding; Concrete: Hooking on, signaling, dumping of concrete for treme work over water on caissons, pilings, abutments, etc.; Concrete: Mixing, handling, conveying, pouring, vibrating, otherwise placing of concrete or aggregates or by any other process; Concrete: Operation of motorized wheelbarrows or buggies or machines of similar character, whether run by gas, diesel, or electric power; Concrete Placement Machine Operator: operation of Somero Hammerhead, Copperheads, or similar machines; Concrete Pump Machine (laying, coupling, uncoupling of all connections and cleaning of equipment);

Concrete and/or Asphalt Saw (Walking or Handtype) (cutting walls or flatwork) (scoring old or new concrete and/or asphalt) (cutting for expansion joints) (streets and ways for laying of pipe, cable or conduit for all purposes); Concrete Shovelers/Laborers (Wet or Dry); Concrete Screeding for Rough Strike-Off: Rodding or striking-off, by hand or mechanical means prior to finishing; Concrete Vibrator Operator; Coring Holes: Walls, footings, piers or other obstructions for passage of pipes or conduits for any purpose and the pouring of concrete to secure the hole; Curbing (Concrete and Asphalt); Curing of Concrete (impervious membrane and form oiler) mortar and other materials by any mode or method; Cut Granite Curb Setter (setting, leveling and grouting of all precast concrete or stone curbs); Cutting and Burning Torch (demolition); Dri Pak-It Machine; Falling, bucking, yarding, loading or burning of all trees or timber on construction site; Fence and/or Guardrail Erector; Forklift (9 ft. and under); Grating and Grill work for drains or other purposes; Green Cutter of concrete or aggregate in any form, by hand, mechanical means, grindstone or air and/or water; Grout: Spreading for any purpose; Guinea Chaser (Grade Checker) for general utility trenches, sitework, and excavation; Headerboard Man (Asphalt or Concrete); Heat Welder of Plastic (Laborers' AGC certified workers) (when work involves waterproofing for waterponds, artificial lakes and reservoir, or heat welding for sewer pipes); Heavy Highway Laborer (Rigging, signaling, handling, and installation of pre-cast catch basins, manholes, curbs and gutters); High Pressure Nozzleman - Hydraulic Monitor (over 100# pressure); Installation of lightweight backfill; Jackhammer Operator; Jacking of slip forms: All semi and unskilled work connected therewithin; Laying of all multi-cell conduit or multi-purpose pipe; Lead base paint abatement laborers (EPA certified workers); Magnesite and Mastic Workers (Wet or Dry)(including mixer operator); Mason Tender,Mortar Man; Mortar Mixer (Block, Brick, Masonry, and Plastering); Nozzleman (Sandblasting and/or Water Blasting): handling, placing and opertion of nozzle; Operation, Manual or Hydraulic jacking of shields and the use of such other mechanical equipment as may be necessary; Pavement Breakers; Paving, curbing and surfacing of streets, ways, courts, under and overpasses, bridges, approaches, slope walls, and all other labor connected therewith; Pilecutters; Pipe Accessment in place, bolting and lining up of sectional metal or other pipe including corrugated pipe; Pipelayer performing all services in the laying and installation of pipe from the point of receiving pipe in the ditch until completion of operation, including any and all forms of tubular material, whether pipe, metallic or non-metallic, conduit, and any other stationary-type of tubular device used for conveying of any substance or element, whether water, sewage, solid, gas, air, or other product whatsoever and without regard to the nature of material from which tubular material is fabricated; No-joint pipe and stripping of same, Pipewrapper, Caulker, Bander, Kettlemen, and men applying

asphalt, Laykold, treating Creosote and similar-type materials (6-inch) pipe and over); Piping: resurfacing and paving of all ditches in preparation for laying of all pipes; Pipe laying of lateral sewer pipe from main or side sewer to buildings or structure (except 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 or other pipe for drainage; Placing and setting of water mains, gas mains and all pipe including removal of skids; Plaster Mortar Mixer/Pump; Pneumatic Impact Wrench; Portable Sawmill Operation: Choker setters, off bearers, and lumber handlers connected with clearing; Posthole Digger (Hand Held, Gas, Air and Electric); Power Broom Sweepers (Small); Preparation and Compaction of roadbeds for railroad track laying, highway construction, and the preparation of trenches, footings, etc., for cross-country transmission by pipelines, electrical transmission or underground lines or cables (by mechanical means); Raising of structure by manual or hydraulic jacks or other methods and resetting of structure in new locations, including all concrete work; Ramming or compaction; Riprap, Stonepaver, and Rock Slinger (includes placement of stacked concrete, wet or dry and loading, unloading, signaling, slinging and setting of other similar materials); Rotary Scarifier (including multiple head concrete chipping Scarifier); Salamander Heater, Drying of plaster, concrete mortar or other aggregate; Scaffold Erector Leadman; Scaffolds: (Swing and hanging) including maintenance thereof; Scaler; Septic Tank/Cesspool and Drain Fields Digger and Installer; Shredder/Chipper (tree branches, brush, etc.); Stripping and Setting Forms; Stripping of Forms: Other than panel forms which are to be re-used in their original form, and stripping of forms on all flat arch work; Tampers (Barko, Wacker, and similar type); Tank Scaler and Cleaners; Tarman; Tree Climbers and Trimmers; Trencher (includes hand-held, Davis T-66 and similar type); Trucks (flatbed up to and including 2 1/2 tons when used in connection with on-site Laborers'work; Trucks (Refuse and Garbage Disposal) (from job site to dump); Vibra-Screed (Bull Float in connection with Laborers' work); Well Points, Installation of or any other dewatering system.

GROUP 2: Air Blasting; Appliance Handling (job site) (after delivery and unloading in storage area); Asphalt Plant Laborer; Backfilling, Grading and all other labor connected therewith; Boring Machine; Bridge Laborer; Burning of all debris (crates, boxes, packaging waste materials); Chainman, Rodmen, and Grade Markers; Cleaning and Clearing of all debris; Cleaning, clearing, grading and/or removal for streets, highways, roadways, aprons, runways, sidewalks, parking areas, airports, approaches, and other similar installations; Cleaning or reconditioning of streets, ways, sewers and waterlines, all maintenance work and work of an unskilled and semi-skilled nature; Cleanup of Grounds and Buildings (other than "Light Clean-Up")

(Janitorial Laborer); Clean-up of right-of-way; Clearing and slashing of brush or trees by hand or mechanical cutting; Concrete Bucket Tender (Groundman) hooking and unhooking of bucket; Concrete Forms; moving, cleaning, oiling and carrying to the next point of erection of all forms; Concrete Products Plant Laborers; Conveyor Tender (conveying of building materials); Cribbers, Shorer, Lagging, Sheeting, and Trench Jacking and Bracing, Hand-Guided Lagging Hammer Whaling Bracing; Crushed Stone Yards and Gravel and Sand Pit Laborers and all other similar plants; Demolition, Wrecking and Salvage Laborers: Wrecking and dismantling of buildings and all structures, with use of cutting or wrecking tools, burning or cutting, breaking away, cleaning and removal of all masonry, wood or metal fixtures for salvage or scrap, All hooking, unhooking, signaling of materials for salvage or scrap removed by crane or derrick; Digging under streets, roadways, aprons or other paved surfaces; Chuck Tender, Outside Nipper; Dry-packing of concrete (plugging and filling of she-bolt holes); Excavation, Preparation of street ways and bridges; Fence and/or Guardrail Erector: Dismantling and/or re-installation of all fence; Finegrader; Firewatcher; Flagman (Coning, preparing, stablishing and removing portable roadway barricade devices); Signal Men on all construction work defined herein, including Traffic Control Signal Men at construction site; Garbage and Debris Handlers and Cleaners; Gas, Pneumatic, and Electric Tools, not listed Group 1 (except Rototiller); General Clean-up: sweeeping, cleaning, washdown, wiping of construction facility, and equipment (other than "Light Clean-up" [Janitorial] Laborer); General Excavation and Grading (all labor connected therewith); Digging of trenches, ditches and manholes and the leveling, grading and other preparation prior to laying pipe or conduit for any purpose; Excavations and foundations for buildings, piers, foundations and holes, and all other construction; General Laborer; Ground and Soil Treatment Work (Pest Control); Junk Yard Laborers (same as Salvage Yard); Landscape Nursery Laborers; Laser Beam "Target Man" in connection with Laborers' work; Layout Person for Plastic (when work involves waterproofing for waterponds, artificial lakes and reservoirs); Limbers, Brush Loaders, and Pilers; Loading, Unloading, carrying, distributing and handling of all rods and material for use in reinforcing concrete construction (except when a derrick or outrigger operated by other than hand power is used); Loading, unloading, sorting, stockpiling, handling and distribution of water mains, gas mains and all pipes; Loading and unloading of all materials, fixtures, furnishings and appliances from point of delivery to stockkpile to point of installation; hooking and signalling from truck, conveyance or stockpile; Material Yard Laborers; Pipelayer Tender; Pipewrapper, Caulker, Bander, Kettlemen, and men applying asphalt, Laykold, Creosote, and similar-type materials (pipe under 6 inches); Plasterer Laborer (including Hod Carrier); Preparation, construction and maintenance of roadbeds and

sub-grade for all paving, including excavation, dumping, and spreading of sub-grade material; Prestressed or precast concrete slabs, walls, or sections: all loading, unloading, stockpiling, hooking on of such slabs, walls or sections; Quarry Laborers; Railroad, Streetcar, and Rail Transit Maintenance and Repair; Removal of surplus material; Roustabout; Rubbish Trucks in connection with Building Construction Projects (excluding clearing, grubbing, and excavating); Salvage Yard: All work connected with cutting, cleaning, storing, stockpiling or handling of materials, all cleanup, removal of debris, burning, back-filling and landscaping of the site; Sandblasting (Pot Tender): Hoses and pots or markers; Scaffolds: Erection, planking and removal of all scaffolds used for support for lathers, plasters, brick layers, masons, and other construction trades crafts; Scaffolds: (Specially designed by carpenters) laborers shall tend said carpenter on erection and dismantling thereof, preparation for foundation or mudsills, maintenance; Scraping of floors; Screeds: Handling of all screeds to be reused; handling, dismantling and conveyance of screeds; Setting, leveling and securing or bracing of metal or other road forms and expansion joints; Sheeting Piling/trench shoring (handling and placing of skip sheet or wood plank trench shoring); Ship Scalers; Sign Erector (subdivision traffic, regulatory, and street-name signs); Sloper; Slurry Seal Crews (Mixer Operator, Applicator, Squeegee Man, Shuttle Man, Top Man); Snapping of wall ties and removal of tie rods; Soil Test operations of semi and unskilled labor such as filling sand bags; Striper (Asphalt, Concrete or other Paved Surfaces); Tagging and Signaling of all building materials into high-rise units; Tool Room Attendant (Job Site); Traffic Delineating Device Applicator; Underpinning, lagging, bracing, propping and shoring, loading, signaling, right-of-way clearance along the route of movement, The clearance of new site, excavation of foundation when moving a house or structure from old site to new site; Utilities employees; Water Man; Waterscape/Hardscape Laborers; Wire Mesh Pulling (all concrete pouring operations); Wrecking, stripping, dismantling and handling concrete forms an false work.

GROUP 3: Licensed Powdermen; Driller (Track, Diamond Core, and Wagon) (Ingersoll-Rand ECM-350/ECM-635/ECM-635/ECM660, Sandvik Pantera HL 1500, Atlas-Copco ROC 7F); Driller (Joydrill Model TWM-2A, Gardner Denver Dri-143 and similar type drills) (in accordance with the Memorandum of Understanding between the Laborers and Operating Engineers dated at Miami, Florida, February 3, 1954); Driller (Mechanical) (Not ocvered elsewhere) (including multiple unit) (Ingersoll-Rand DM45E/DM50E/LM-100/LM-600C, Gardner-Denver SCH2500/SCH3500 BV, Furukawa HCR-C300, Tamrock Drilltech CHA 800/DHH 850/Tamrock Commando)(similar and Replacement equipment thereof); Drilling for blasting; Operation of all rock and concrete drills and Jack Hammers, including handling, carrying, laying out of hose. (Ingersoll-Rand DM45E/DM50E/LM-100/LM-600C. Gardner-Denver

SCH2500/SCH3500 BV Furukawa HCR-C300, Tamrock Drilltech CHA 800/DHH 850/Tamrock Commando, Pantera 900, 1100 and 1500, Ranger 700, Super Tiger 700), (similar and replacement equipment thereof); Drilling (Mechanical) on the site or along the right-of-way as well as access roads, reservoirs, including areas adjacent or pertinent to construction sites.

GROUP 4: Gunnite Operator; High Scaler (working suspended), Pipelaying.

GROUP 5: Window Washer (Outside) (Working from bosun's chair and/or cable-suspended scaffold or work platform).

GROUP 6: Light/Final Clean-Up.

LABO0368-002 08/31/2009

	Rates	Fringes
Landscape & Irrigation		
Laborers		
GROUP 1	$ 20.96	8.37
GROUP 2	$ 21.46	8.37
GROUP 3	$ 17.46	8.37

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 oflandscaping 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 peformance of other types of gardening, yardman, and horticultural-related work.

LABO0368-003 08/31/2009

	Rates	Fringes
Underground Laborer		
GROUP 1	$ 28.90	15.15
GROUP 2	$ 30.40	15.15
GROUP 3	$ 30.90	15.15
GROUP 4	$ 31.90	15.15
GROUP 5	$ 32.25	15.15
GROUP 6	$ 32.50	15.15
GROUP 7	$ 32.95	15.15

GROUP 1: Watchmen; Change House Attendant.

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

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

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

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

GROUP 6: Shifter

GROUP 7: Shifter (Shaft Work & Raiser)

PAIN1791-001 07/01/2009

	Rates	Fringes
Painters:		

Brush	$ 31.80	22.75
Sandblaster; Spray	$ 31.80	22.75

PAIN1889-001 07/01/2009

	Rates	Fringes
Glaziers	$ 30.05	23.12

PAIN1926-001 03/01/2009

	Rates	Fringes
Soft Floor Layers	$ 26.85	20.00

* PAIN1944-001 01/01/2010

	Rates	Fringes
Taper	$ 39.00	16.40

PLAS0630-001 08/31/2009

	Rates	Fringes
PLASTERER	$ 36.99	16.77

PLAS0630-002 08/31/2009

	Rates	Fringes
Cement Masons:		
Cement Masons	$ 36.15	16.77
Trowel Machine Operators	$ 36.30	16.77

PLUM0675-001 07/05/2009

	Rates	Fringes
Plumber, Pipefitter, Steamfitter & Sprinkler Fitter	$ 35.10	21.18

ROOF0221-001 09/27/2009

	Rates	Fringes
Roofers (Including Built Up, Composition and Single Ply)	$ 33.60	15.08

SHEE0293-001 08/30/2009

	Rates	Fringes
Sheet metal worker	$ 32.45	24.11

SUHI1997-002 09/15/1997

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

RIGGERS; WELDERS - Receive rate prescribed for craft performing operation to which rigging or welding is incidental.

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 (29 CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

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

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

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

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

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

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

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

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

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

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

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

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

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END OF GENERAL DECISION

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HONOLULU, HAWAII

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)

DBE Participation Report

Chapter 104, HRS Compliance Certificate

Certificate of Compliance for Final Payment

1/02/10

DBE PARTICIPATION REPORT

8/09

Contractor Name _____

Project Title _____

Contract No. _____ **State Project No.** _____ **Federal Project No.** _____

Project Award Date _____ **DBE Contract Goal (%)** _____

Name of **DBE** Subcontractors, Manufacturers & Suppliers	Type of Service or Materials Provided	Payments		
		Previous	Current	To Date

A. Total Payments to DBE $ -

B. Invoice Amounts to Date _____

C. DBE Participation to Date (A/B) _____

Name of **Non-DBE** Subcontractors, Manufacturers & Suppliers	**Type of Service or Materials Provided**	**Payments**		
		Previous	**Current**	**To Date**

Good Faith Efforts
(Required when the DBE Participation percentage to date is less than the DBE contract goal.):

The undersigned hereby certifies that payments shall be dispersed to all subcontractors within 10 (ten) calendar days after receipt of payment from the Department, in accordance with the terms of the subcontract. This clause applies to both DBE and non-DBE subcontractors. This declaration is made under penalty of perjury under the laws of the United States, and the Hawaii Penal Code, Section 710-1063, Hawaii Revised Statutes, regarding unsworn falsification to authorities and knowingly rendering a false declaration.

Name _____ **Title** _____

Telephone No. _____ **E-mail address** _____

Signature _____ **Date** _____

DOT USE ONLY: Final Payment

Total Federal DBE $ expended: _____

Total Federal $ expended: _____

_____
Project Manager

Date: _____