

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE \_\_\_\_\_ PAGE \_\_\_\_\_ OF PAGES \_\_\_\_\_  
 2. AMENDMENT/MODIFICATION NO. **A001** 3. EFFECTIVE DATE **09/10/08** 4. REQUISITION/PURCHASE REQ. NO. \_\_\_\_\_ 5. PROJECT NO. (If applicable) **HI A-AD 6 (5)**

6. ISSUED BY \_\_\_\_\_ CODE \_\_\_\_\_ 7. ADMINISTERED BY (If other than Item 6) \_\_\_\_\_ CODE \_\_\_\_\_  
 Federal Highway Administration  
 Central Federal Lands Highway Division  
 Attention: Brenda McGehee  
 12300 W. Dakota Avenue, Suite 360  
 Lakewood, CO 80228

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) \_\_\_\_\_  
 9A. AMENDMENT OF SOLICITATION NO. **DTFH68-08-B-00021**  
 9B. DATED (SEE ITEM 11) **08/11/08**  
 10A. MODIFICATION OF CONTRACT/ORDER NO. \_\_\_\_\_  
 10B. DATED (SEE ITEM 13) \_\_\_\_\_  
 CODE \_\_\_\_\_ FACILITY CODE \_\_\_\_\_

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or  
 (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) \_\_\_\_\_

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).  
 C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
 D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

**CHANGES TO INVITATION FOR BID**

Remove Pages B-1 thru B-7 and replace with new Pages B-1 thru B-7 bearing revision date 9/10/08. Changes to Bid Items 61901FA and 63505C.

Remove Pages G-1 through G-20 and replace with new Pages G-1 through G-20 bearing revision date 9/10/08. Changes to Davis Bacon Wage Determination.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) \_\_\_\_\_ 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) \_\_\_\_\_  
 15B. CONTRACTOR/OFFEROR \_\_\_\_\_ 15C. DATE SIGNED \_\_\_\_\_ 16B. UNITED STATES OF AMERICA \_\_\_\_\_ 16C. DATE SIGNED \_\_\_\_\_  
 (Signature of person authorized to sign) \_\_\_\_\_ BY \_\_\_\_\_ (Signature of Contracting Officer)

**CONTRACT MODIFICATION****STANDARD FORM 30  
CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED

PAGE

OF

PAGES

HI-A-AD 6(5) AMENDMENT A001

2

NAME OF OFFEROR OR CONTRACTOR

Remove Page I-15 and replace with new Page I-15 bearing revision date 9/10/08. Change to Subsection 105.04.

Add Page I-15A to maintain pagination.

Remove Page I-42 and replace with new Page I-42 bearing revision date 9/10/08. Addition to Subsection 108.01.

Add Page I-42A to maintain pagination.

**CHANGES TO PLAN SHEETS**

Remove Plan Sheets B-1, B-2 and B-16 and replace with new Plan Sheets B-1, B-2 and B-16 bearing revision date 9/10/08.

**CHANGES TO APPENDICES**

Remove Appendix A and replace with new Appendix A bearing revision date 9/10/08.

Remove Appendix C and replace with new Appendix C bearing revision date 9/10/08.

Remove Appendix D and replace with new Appendix D bearing revision date 9/10/08.

Remove Appendix E and replace with new Appendix E bearing revision date 9/10/08.

\*\* Failure to acknowledge this amendment by the designated date and hour specified in the solicitation may result in rejection of your bid (refer to item 11).

| Pay Item No. | Estimated Quantity  | Unit Bid Price | Amount Bid |
|--------------|---|----------------|------------|
| 15101        | MOBILIZATION<br>ALL   | Lump Sum       | \$ _____   |
| 15202        | SLOPE, REFERENCE, AND CLEARING AND GRUBBING STAKES<br>0.9<br>MILE | \$ _____       | \$ _____   |
| 15203        | CENTERLINE RE-ESTABLISHMENT<br>7.3<br>MILE                        | \$ _____       | \$ _____   |
| 15204        | DRAINAGE STRUCTURE SURVEY AND STAKING<br>2<br>EACH                | \$ _____       | \$ _____   |
| 15207        | GRADE FINISHING STAKES<br>7.3<br>MILE                             | \$ _____       | \$ _____   |
| 15212A       | MINOR APPROACH ROAD SURVEY AND STAKING<br>3<br>EACH               | \$ _____       | \$ _____   |
| 15301        | CONTRACTOR QUALITY CONTROL<br>ALL                                 | Lump Sum       | \$ _____   |
| 15501        | CONSTRUCTION SCHEDULE<br>ALL                                      | Lump Sum       | \$ _____   |
| 15703        | SILT FENCE<br>14,350<br>LNFT                                      | \$ _____       | \$ _____   |
| 15709        | CHECK DAMS<br>155<br>EACH   | \$ _____       | \$ _____   |
| 15735        | SEDIMENT CONTROL LOG<br>290<br>EACH                               | \$ _____       | \$ _____   |
| 15805        | WATERING<br>10,000<br>MGAL  | \$ _____       | \$ _____   |
| 20101        | CLEARING AND GRUBBING<br>11.2<br>ACRE                             | \$ _____       | \$ _____   |

Bid Schedule

Project: HI A-AD 6(5)

SADDLE ROAD PTA ALIGNMENT - PHASE 5

| Pay Item No. | Estimated Quantity                                | Unit Bid Price | Amount Bid |
|--------------|---|----------------|------------|
| 20302RA      | REMOVAL OF ASPHALT CURB<br>520<br>LNFT            | \$ _____       | \$ _____   |
| 20402        | SUBEXCAVATION<br>2,000<br>CUYD                    | \$ _____       | \$ _____   |
| 20403        | UNCLASSIFIED BORROW<br>24,700<br>CUYD             | \$ _____       | \$ _____   |
| 20409        | EMBANKMENT CONSTRUCTION<br>29,300<br>CUYD         | \$ _____       | \$ _____   |
| 21101        | ROADWAY OBLITERATION<br>650<br>SQYD               | \$ _____       | \$ _____   |
| 25101C       | PLACED RIPRAP, CLASS 3<br>23<br>CUYD              | \$ _____       | \$ _____   |
| 25111        | PLACED INDIVIDUAL BOULDERS<br>45<br>EACH          | \$ _____       | \$ _____   |
| 25206        | ROCKERY WALL<br>1,300<br>SQFT                     | \$ _____       | \$ _____   |
| 30104E       | SUBBASE, GRADING E<br>33,000<br>TON               | \$ _____       | \$ _____   |
| 30302        | ROAD RECONDITIONING<br>164,000<br>SQYD            | \$ _____       | \$ _____   |
| 30612        | DUST PALLIATIVE<br>25,000<br>GAL                  | \$ _____       | \$ _____   |
| 30701LA      | STOCKPILED AGGREGATE, 3" GRADING<br>10,200<br>TON | \$ _____       | \$ _____   |

## Bid Schedule

Project: HI A-AD 6(5)

SADDLE ROAD PTA ALIGNMENT - PHASE 5

| Pay Item No. | Estimated Quantity                             | Unit Bid Price | Amount Bid |
|--------------|--|----------------|------------|
| 30701LB      | STOCKPILED AGGREGATE, 6" GRADING               |                |            |
|              | 3,400<br>TON                                   | \$ _____       | \$ _____   |
| 40501E       | HOT ASPHALT TREATED BASE COURSE, GRADING E     |                |            |
|              | 77,700<br>TON                                  | \$ _____       | \$ _____   |
| 40504C       | ANTISTRIP ADDITIVE, TYPE 3                     |                |            |
|              | 780<br>TON                                     | \$ _____       | \$ _____   |
| 40505PGDB    | ASPHALT BINDER, GRADE PG 64-16                 |                |            |
|              | 5,000<br>TON                                   | \$ _____       | \$ _____   |
| 40507        | MATERIALS TRANSFER VEHICLE                     |                |            |
|              | ALL  | Lump Sum       | \$ _____   |
| 40908BA      | FOG SEAL GRADE CSS-1 OR CSS-1H, SS-1 OR SS-1H  |                |            |
|              | 40<br>TON                                      | \$ _____       | \$ _____   |
| 41101CM      | PRIME COAT GRADE CSS-1, CSS-1H, SS-1, OR SS-1H |                |            |
|              | 119<br>TON                                     | \$ _____       | \$ _____   |
| 41201CM      | TACK COAT GRADE CSS-1, CSS-1H, SS-1, OR SS-1H  |                |            |
|              | 40<br>TON                                      | \$ _____       | \$ _____   |
| 41301F       | ASPHALT PAVEMENT MILLING, 2-INCH DEPTH         |                |            |
|              | 2,040<br>SQYD                                  | \$ _____       | \$ _____   |
| 60104        | CONCRETE (PEDESTRIAN PAD)                      |                |            |
|              | 8<br>EACH                                      | \$ _____       | \$ _____   |
| 60104        | CONCRETE (HOLE FOUNDATION)                     |                |            |
|              | 8<br>EACH                                      | \$ _____       | \$ _____   |
| 60201M       | 24-INCH PIPE CULVERT                           |                |            |
|              | 15<br>LNFT                                     | \$ _____       | \$ _____   |
| 60201N       | 30-INCH PIPE CULVERT                           |                |            |
|              | 184<br>LNFT                                    | \$ _____       | \$ _____   |

## Bid Schedule

Project: HI A-AD 6(5)

SADDLE ROAD PTA ALIGNMENT - PHASE 5

| Pay Item No. | Estimated Quantity  | Unit Bid Price | Amount Bid |
|--------------|---|----------------|------------|
| 60206N       | END SECTION FOR 30-INCH PIPE CULVERT                                    |                |            |
|              | 2<br>EACH   | \$ _____       | \$ _____   |
| 60223        | REMOVE AND RESET END SECTION  |                |            |
|              | 1<br>EACH   | \$ _____       | \$ _____   |
| 61701BBAA    | GUARDRAIL SYSTEM G2, TYPE 2, CLASS A (STEEL POSTS)                      |                |            |
|              | 375<br>LNFT   | \$ _____       | \$ _____   |
| 61702EA      | TERMINAL SECTION TYPE EXTRUDER (ET 2000 PLUS)                           |                |            |
|              | 1<br>EACH   | \$ _____       | \$ _____   |
| 61702FL      | TERMINAL SECTION TYPE FLARED (TYPE A)                                   |                |            |
|              | 1<br>EACH   | \$ _____       | \$ _____   |
| 61901AC      | FENCE, WOVEN WIRE TYPE, 48-INCH HEIGHT                                  |                |            |
|              | 37,300<br>LNFT  | \$ _____       | \$ _____   |
| 61901FA      | FENCE TEMPORARY CONSTRUCTION  |                |            |
|              | 3,000<br>LNFT   | \$ _____       | \$ _____   |
| 61902BG      | GATE, METAL TYPE, 14-FOOT WIDTH   |                |            |
|              | 7<br>EACH   | \$ _____       | \$ _____   |
| 61902BK      | GATE, METAL TYPE, 20-FOOT WIDTH   |                |            |
|              | 3<br>EACH   | \$ _____       | \$ _____   |
| 61906        | REMOVE AND RESET FENCE  |                |            |
|              | 520<br>LNFT   | \$ _____       | \$ _____   |
| 62201AE      | DUMP TRUCK, 10-12 CUBIC YARD CAPACITY                                   |                |            |
|              | 20<br>HOUR  | \$ _____       | \$ _____   |
| 62201BC      | BACKHOE LOADER, 48 GAL MINIMUM RATED CAPACITY BUCKET<br>(24-INCH WIDTH) |                |            |
|              | 20<br>HOUR  | \$ _____       | \$ _____   |

Bid Schedule

Project: HI A-AD 6(5)  
 SADDLE ROAD PTA ALIGNMENT - PHASE 5

| Pay Item No. | Estimated Quantity  | Unit Bid Price | Amount Bid |
|--------------|---|----------------|------------|
| 62201CE      | LOADER, WHEEL TYPE, 4 CUBIC YARD MINIMUM CAPACITY   |                |            |
|              | 20<br>HOUR  | \$ _____       | \$ _____   |
| 62201DG      | BULLDOZER, D-9  |                |            |
|              | 60<br>HOUR  | \$ _____       | \$ _____   |
| 62201LB      | MOTOR GRADER, 12 FOOT MINIMUM BLADE   |                |            |
|              | 20<br>HOUR  | \$ _____       | \$ _____   |
| 62201MT      | HYDRAULIC EXCAVATOR, TRACK TYPE, 165 HP FLYWHEEL POWER, 1.3 CUBIC YARD BUCKET, EQUIVALENT TO A CATERPILLAR 225B, WITH A RAM HOE |                |            |
|              | 20<br>HOUR  | \$ _____       | \$ _____   |
| 62301        | GENERAL LABOR   |                |            |
|              | 150<br>HOUR   | \$ _____       | \$ _____   |
| 62404N       | PLACING CONSERVED TOPSOIL, 6-INCH DEPTH   |                |            |
|              | 25,900<br>SQYD  | \$ _____       | \$ _____   |
| 62504B       | MULCHING, HYDRAULIC METHOD  |                |            |
|              | 17.4<br>ACRE  | \$ _____       | \$ _____   |
| 62508        | WATER   |                |            |
|              | 2,000<br>MGAL   | \$ _____       | \$ _____   |
| 62514        | HERBICIDE   |                |            |
|              | 200<br>GAL  | \$ _____       | \$ _____   |
| 62901C       | EROSION CONTROL MAT TYPE 3  |                |            |
|              | 2,460<br>SQYD   | \$ _____       | \$ _____   |
| 63001        | HIRED TECHNICAL SERVICES  |                |            |
|              | 40<br>HOUR  | \$ _____       | \$ _____   |
| 63003        | ADDITIONAL SURVEYING SERVICES   |                |            |
|              | 80<br>HOUR  | \$ _____       | \$ _____   |

## Bid Schedule

Project: HI A-AD 6(5)  
SADDLE ROAD PTA ALIGNMENT - PHASE 5

| Pay Item No. | Estimated Quantity                                | Unit Bid Price | Amount Bid |
|--------------|---|----------------|------------|
| 63301        | SIGN INSTALLATION<br>124<br>EACH                  | \$ _____       | \$ _____   |
| 63306        | OBJECT MARKERS<br>687<br>EACH                     | \$ _____       | \$ _____   |
| 63307G       | DELINEATORS FLEXIBLE<br>20<br>EACH                | \$ _____       | \$ _____   |
| 63308A       | REMOVING AND RESETTNG SIGN<br>6<br>EACH           | \$ _____       | \$ _____   |
| 63505B       | BARRICADE, TYPE 2<br>100<br>EACH                  | \$ _____       | \$ _____   |
| 63505C       | BARRICADE TYPE 3<br>20<br>EACH                    | \$ _____       | \$ _____   |
| 63506        | CONE<br>100<br>EACH                               | \$ _____       | \$ _____   |
| 63507        | CONSTRUCTION SIGN<br>630<br>SQFT                  | \$ _____       | \$ _____   |
| 63508        | DRUM<br>100<br>EACH                               | \$ _____       | \$ _____   |
| 63509        | FLAGGER<br>1,700<br>HOUR                          | \$ _____       | \$ _____   |
| 63511A       | TEMPORARY BARRIER (WATER FILLED)<br>1,300<br>LNFT | \$ _____       | \$ _____   |
| 63514        | TEMPORARY PAVEMENT MARKINGS<br>1,600<br>LNFT      | \$ _____       | \$ _____   |

Bid Schedule

Project: HI A-AD 6(5)  
 SADDLE ROAD PTA ALIGNMENT - PHASE 5

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| Pay Item No. | Estimated Quantity                                   | Unit Bid Price | Amount Bid |
|--------------|--|----------------|------------|
| 63519A       | PAVEMENT MARKING REMOVAL<br>2,130<br>SQFT            | \$ _____       | \$ _____   |
| 63523        | MAINTENANCE OF TRAFFIC, PAVEMENT PATCH<br>150<br>TON | \$ _____       | \$ _____   |
| 63524A       | VARIABLE MESSAGE SIGN<br>120<br>DAY                  | \$ _____       | \$ _____   |
| 63539C       | TRAFFIC AND SAFETY SUPERVISOR<br>16<br>WEEK          | \$ _____       | \$ _____   |
| 63637        | FLASHING BEACON<br>1<br>EACH                         | \$ _____       | \$ _____   |

**Schedule A Bid Item Total** \$ \_\_\_\_\_

**Option X Bid Item Total from Page B-10** \$ \_\_\_\_\_

**Option Y Bid Item Total from Page B-13** \$ \_\_\_\_\_

Multiply the Calendar Days by the Administrative Cost, then add Schedule A and Option Y Bid Item Totals to calculate the Amount Bid for Schedule A and Option Y.

| Number of Calendar Days to complete Schedule A and Option Y | Administrative Cost       | Amount Bid for Schedule A and Option Y (including Administrative Costs) |
|---|---------------------------|---|
| Calendar Days * _____                                       | <b>\$5,000.00</b> Per Day | \$ _____  |

Multiply the Calendar Days by the Administrative Cost, then add Schedule A and Option X Bid Item Totals to calculate the Amount Bid for Schedule A and Option X.

| Number of Calendar Days to complete Schedule A and Option X | Administrative Cost       | Amount Bid for Schedule A and Option X (including Administrative Costs) |
|---|---------------------------|---|
| Calendar Days * _____                                       | <b>\$5,000.00</b> Per Day | \$ _____  |

\* The number of calendar days used shall include all weekends, holidays, periods of inclement weather, winter shutdown periods, and all other days during which work may or may not be performed.

Submitted by: \_\_\_\_\_  
 Name of Bidder

G-1

General Decision Number: HI080001 09/05/2008 HI1

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       |

\* ASBE0132-001 08/31/2008

|   | Rates    | Fringes |
|---|----------|---------|
| Asbestos Workers/Insulator<br>Includes application of<br>all insulating materials,<br>protective coverings,<br>coatings and finishes to<br>all types of mechanical<br>systems. Also the<br>application of<br>firestopping material for<br>wall openings and<br>penetrations in walls,<br>floors, ceilings and<br>curtain walls..... | \$ 34.60 | 21.26   |

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 BOIL0627-005 10/01/2007

|                   | Rates    | Fringes |
|-------------------|----------|---------|
| BOILERMAKERS..... | \$ 29.95 | 20.90   |

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 BRHI0001-001 09/03/2007

|  | Rates    | Fringes |
|--|----------|---------|
| BRICKLAYER                                     |          |         |
| Bricklayers and Stonemasons.                   | \$ 33.15 | 16.17   |
| Pointers, Caulkers and<br>Weatherproofers..... | \$ 33.40 | 16.17   |

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 BRHI0001-002 09/03/2007

|   | Rates    | Fringes |
|---|----------|---------|
| Tile, Marble & Terrazzo Worker              |          |         |
| Terrazzo Base Grinders.....                 | \$ 31.59 | 16.17   |
| Terrazzo Floor Grinders<br>and Tenders..... | \$ 30.04 | 16.17   |
| Tile, Marble and Terrazzo<br>Workers.....   | \$ 33.40 | 16.17   |

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 CARP0745-001 09/03/2007

|  | Rates    | Fringes |
|--|----------|---------|
| Carpenters:  |          |         |
| Carpenters; Hardwood Floor<br>Layers; Patent Scaffold<br>Erectors (14 ft. and<br>over); Piledrivers;<br>Pneumatic Nailers; Wood<br>Shinglers and Transit<br>and/or Layout Man..... | \$ 34.95 | 18.50   |
| Millwrights and Machine<br>Erectors.....   | \$ 35.20 | 18.50   |
| Power Saw Operators (2<br>h.p. and over).....  | \$ 35.10 | 18.50   |

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CARP0745-002 09/03/2007

|  | Rates    | Fringes |
|--|----------|---------|
| Drywall and Acoustical<br>Workers and Lathers..... | \$ 35.20 | 18.50   |

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 \* ELEC1186-001 08/31/2008

|                     | Rates    | Fringes     |
|---------------------|----------|-------------|
| Electricians:       |          |             |
| Cable Splicers..... | \$ 41.91 | 30.6%+11.15 |
| Electricians.....   | \$ 38.10 | 30.6%+11.15 |
| Technicians.....    | \$ 39.24 | 30.6%+11.15 |

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 \* ELEC1186-002 08/31/2008

|                              | Rates    | Fringes     |
|------------------------------|----------|-------------|
| Line Construction:           |          |             |
| Cable Splicers.....          | \$ 41.91 | 30.6%+11.15 |
| Groundmen/Truck Drivers..... | \$ 28.58 | 30.6%+11.15 |
| Heavy Equipment Operators... | \$ 34.29 | 30.6%+11.15 |
| Linemen.....                 | \$ 38.10 | 30.6%+11.15 |
| Technicians.....             | \$ 39.24 | 30.6%+11.15 |

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 ELEV0126-001 01/01/2008

|                        | Rates    | Fringes    |
|------------------------|----------|------------|
| ELEVATOR MECHANIC..... | \$ 46.00 | 16.285+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 09/03/2007

|   | Rates    | Fringes |
|---|----------|---------|
| Diver (Aqua Lung) (Scuba)                                 |          |         |
| Diver (Aqua Lung) (Scuba)<br>(over a depth of 30 feet)... | \$ 54.80 | 22.13   |
| Diver (Aqua Lung) (Scuba)<br>(up to a depth of 30 feet).. | \$ 45.43 | 22.13   |
| Stand-by Diver (Aqua Lung)<br>(Scuba).....                | \$ 36.05 | 22.13   |
| Diver (Other than Aqua Lung)                              |          |         |
| Diver (Other than Aqua<br>Lung).....                      | \$ 54.80 | 22.13   |
| Diver Tender (Other than<br>Aqua Lung).....               | \$ 33.02 | 22.13   |
| Stand-by Diver (Other than<br>Aqua Lung).....             | \$ 36.05 | 22.13   |
| Helicopter Work   |          |         |
| Airborne Hoist Operator<br>for Helicopter.....            | \$ 34.60 | 22.13   |
| Co-Pilot of Helicopter.....                               | \$ 34.74 | 22.13   |
| Pilot of Helicopter.....                                  | \$ 34.91 | 22.13   |
| Power equipment operator -<br>tunnel work                 |          |         |
| GROUP 1.....  | \$ 31.04 | 22.13   |
| GROUP 2.....  | \$ 31.15 | 22.13   |
| GROUP 3.....  | \$ 31.32 | 22.13   |
| GROUP 4.....  | \$ 31.59 | 22.13   |
| GROUP 5.....  | \$ 31.90 | 22.13   |
| GROUP 6.....  | \$ 32.55 | 22.13   |
| GROUP 7.....  | \$ 32.87 | 22.13   |
| GROUP 8.....  | \$ 32.98 | 22.13   |
| GROUP 9.....  | \$ 33.09 | 22.13   |
| GROUP 9A.....   | \$ 33.32 | 22.13   |
| GROUP 10.....   | \$ 33.38 | 22.13   |
| GROUP 10A.....  | \$ 33.53 | 22.13   |
| GROUP 11.....   | \$ 33.68 | 22.13   |
| GROUP 12.....   | \$ 34.04 | 22.13   |
| GROUP 12A.....  | \$ 34.40 | 22.13   |
| Power equipment operators:                                |          |         |
| GROUP 1.....  | \$ 30.74 | 22.13   |
| GROUP 2.....  | \$ 30.85 | 22.13   |
| GROUP 3.....  | \$ 31.02 | 22.13   |
| GROUP 4.....  | \$ 31.29 | 22.13   |
| GROUP 5.....  | \$ 31.60 | 22.13   |
| GROUP 6.....  | \$ 32.25 | 22.13   |

G-5

|                |          |       |
|----------------|----------|-------|
| GROUP 7.....   | \$ 32.57 | 22.13 |
| GROUP 8.....   | \$ 32.68 | 22.13 |
| GROUP 9.....   | \$ 32.79 | 22.13 |
| GROUP 9A.....  | \$ 33.02 | 22.13 |
| GROUP 10.....  | \$ 33.08 | 22.13 |
| GROUP 10A..... | \$ 33.23 | 22.13 |
| GROUP 11.....  | \$ 33.38 | 22.13 |
| GROUP 12.....  | \$ 33.74 | 22.13 |
| GROUP 12A..... | \$ 34.10 | 22.13 |
| GROUP 13.....  | \$ 31.02 | 22.13 |
| GROUP 13A..... | \$ 31.29 | 22.13 |
| GROUP 13B..... | \$ 31.60 | 22.13 |
| GROUP 13C..... | \$ 32.25 | 22.13 |
| GROUP 13D..... | \$ 32.57 | 22.13 |
| GROUP 13E..... | \$ 32.68 | 22.13 |

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

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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.

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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).

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

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

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

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

BOOMS AND/OR LEADS (HOURLY PREMIUMS):

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

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

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

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

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 ENGI0003-004 09/03/2007

|  | Rates    | Fringes |
|--|----------|---------|
| Dredging: (Boat Operators)               |          |         |
| Boat Deckhand.....                       | \$ 31.02 | 22.13   |
| Boat Operator.....                       | \$ 33.23 | 22.13   |
| Master Boat Operator.....                | \$ 33.38 | 22.13   |
| Dredging: (Clamshell or Dipper Dredging) |          |         |
| GROUP 1.....                             | \$ 33.74 | 22.13   |

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|  |          |       |
|--|----------|-------|
| GROUP 2.....                             | \$ 33.08 | 22.13 |
| GROUP 3.....                             | \$ 32.68 | 22.13 |
| GROUP 4.....                             | \$ 31.02 | 22.13 |
| Dredging: (Derricks)                     |          |       |
| GROUP 1.....                             | \$ 33.74 | 22.13 |
| GROUP 2.....                             | \$ 33.08 | 22.13 |
| GROUP 3.....                             | \$ 32.68 | 22.13 |
| GROUP 4.....                             | \$ 31.02 | 22.13 |
| Dredging: (Hydraulic Suction<br>Dredges) |          |       |
| GROUP 1.....                             | \$ 33.38 | 22.13 |
| GROUP 2.....                             | \$ 33.23 | 22.13 |
| GROUP 3.....                             | \$ 33.08 | 22.13 |
| GROUP 4.....                             | \$ 33.02 | 22.13 |
| GROUP 5.....                             | \$ 32.68 | 22.13 |
| GROUP 6.....                             | \$ 32.57 | 22.13 |
| GROUP 7.....                             | \$ 31.02 | 22.13 |

CLAMSHELL OR DIPPER DREDGING CLASSIFICATIONS

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

HYDRAULIC SUCTION DREDGING CLASSIFICATIONS

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

DERRICK CLASSIFICATIONS

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

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ENGI0003-044 09/03/2007

|  | Rates    | Fringes |
|--|----------|---------|
| Power Equipment Operators<br>(PAVING)  |          |         |
| Asphalt Concrete Material<br>Transfer.....   | \$ 33.47 | 20.03   |
| Asphalt Plant Operator.....  | \$ 33.90 | 20.03   |
| Asphalt Raker.....   | \$ 32.51 | 20.03   |
| Asphalt Spreader Operator...   | \$ 33.99 | 20.03   |
| Cold Planer.....   | \$ 34.30 | 20.03   |
| Combination Loader/Backhoe<br>(over 3/4 cu.yd.).....   | \$ 32.51 | 20.03   |
| Combination Loader/Backhoe<br>(up to 3/4 cu.yd.).....  | \$ 31.53 | 20.03   |
| Concrete Saws and/or<br>Grinder (self-propelled<br>unit on streets, highways,<br>airports and canals)..... | \$ 33.47 | 20.03   |
| Grader.....  | \$ 34.30 | 20.03   |
| Laborer, Hand Roller.....  | \$ 29.74 | 20.03   |
| Loader (2 1/2 cu. yds. and<br>under).....  | \$ 33.47 | 20.03   |
| Loader (over 2 1/2 cu.<br>yds. to and including 5<br>cu. yds.).....  | \$ 33.79 | 20.03   |
| Roller Operator (five tons<br>and under).....  | \$ 32.24 | 20.03   |
| Roller Operator (over five<br>tons).....   | \$ 33.67 | 20.03   |
| Screed Person.....   | \$ 33.47 | 20.03   |
| Soil Stabilizer.....   | \$ 34.30 | 20.03   |

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 IRON0625-001 09/01/2007

|                   | Rates    | Fringes |
|-------------------|----------|---------|
| Ironworkers:..... | \$ 30.00 | 23.01   |

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.

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\* LABO0368-001 09/01/2008

|              | Rates    | Fringes |
|--------------|----------|---------|
| Laborers:    |          |         |
| GROUP 1..... | \$ 27.25 | 14.65   |
| GROUP 2..... | \$ 24.65 | 14.65   |
| GROUP 3..... | \$ 28.25 | 14.65   |
| GROUP 4..... | \$ 27.75 | 14.65   |
| GROUP 5..... | \$ 26.75 | 14.65   |
| GROUP 6..... | \$ 18.25 | 10.40   |

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

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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 operation of nozzle; Operation, Manual or Hydraulic jacking of shields and the use of such other mechanical equipment as may be necessary; Pavement Breakers; Paving, curbing and surfacing of streets, ways, courts, under and overpasses, bridges, approaches, slope walls, and all other labor connected therewith; Pilecutters; Pipe Accessment in place, bolting and lining up of sectional metal or other pipe including corrugated pipe; Pipelayer performing all services in the laying and installation of pipe from the point of receiving pipe in the ditch until completion of operation, including any and all forms of tubular material, whether pipe, metallic or non-metallic, conduit, and any other stationary-type of tubular device used for conveying of any substance or element, whether water, sewage, solid, gas, air, or other product whatsoever and without regard to the nature of material from which tubular material is fabricated; No-joint pipe and stripping of same, Pipewrapper, Caulker, Bander, Kettlemen, and men applying asphalt, Laykold, treating Creosote and similar-type materials (6-inch) pipe and over); Piping: resurfacing and paving of all ditches in preparation for laying of all pipes; Pipe laying of lateral sewer pipe from main or side sewer to buildings or structure (except 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

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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, establishing and removing portable roadway barricade devices); Signal Men on all construction work defined herein, including Traffic Control Signal Men at construction site; Garbage and Debris Handlers and Cleaners; Gas, Pneumatic, and Electric Tools, not listed Group 1 (except Rototiller); General Clean-up: sweeping, cleaning, washdown, wiping of construction facility, and equipment (other than "Light Clean-up" [Janitorial] Laborer); General Excavation and Grading (all labor connected therewith); Digging of trenches, ditches and manholes and the leveling, grading and other preparation prior to laying pipe or conduit for any purpose; Excavations and foundations for buildings, piers, foundations and holes, and all other construction; General Laborer; Ground and Soil Treatment Work (Pest Control); Junk Yard Laborers (same as Salvage Yard); Landscape Nursery Laborers; Laser Beam "Target Man" in connection with Laborers' work; Layout Person for Plastic (when work involves waterproofing for waterponds, artificial lakes and reservoirs); Limbers, Brush Loaders, and Pilers; Loading, Unloading, carrying, distributing and handling of all rods and material for use in reinforcing concrete construction (except when a derrick or outrigger operated by other than hand power is used); Loading, unloading, sorting, stockpiling, handling and distribution of water mains, gas mains and all pipes; Loading and unloading of all materials, fixtures, furnishings and appliances from point of delivery to stockpile to point of installation; hooking and signalling from truck, conveyance or stockpile; Material Yard Laborers; Pipelayer Tender; Pipewrapper, Caulker, Bander,

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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 covered 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.

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 \* LABO0368-002 09/01/2008

|                        | Rates    | Fringes |
|------------------------|----------|---------|
| Landscape & Irrigation |          |         |
| Laborers               |          |         |
| GROUP 1.....           | \$ 20.46 | 7.82    |
| GROUP 2.....           | \$ 20.96 | 7.82    |
| GROUP 3.....           | \$ 17.01 | 7.82    |

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

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 \* LABO0368-003 09/01/2008

|                     | Rates    | Fringes |
|---------------------|----------|---------|
| Underground Laborer |          |         |
| GROUP 1.....        | \$ 27.85 | 14.65   |
| GROUP 2.....        | \$ 29.35 | 14.65   |
| GROUP 3.....        | \$ 29.85 | 14.65   |

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|              |          |       |
|--------------|----------|-------|
| GROUP 4..... | \$ 30.85 | 14.65 |
| GROUP 5..... | \$ 31.20 | 14.65 |
| GROUP 6..... | \$ 31.45 | 14.65 |
| GROUP 7..... | \$ 31.90 | 14.65 |

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 07/01/2008

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| Painters:               |          |         |
| Brush.....              | \$ 30.25 | 21.90   |
| Sandblaster; Spray..... | \$ 30.25 | 21.90   |

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 PAIN1889-001 07/01/2008

|               | Rates    | Fringes |
|---------------|----------|---------|
| Glaziers..... | \$ 28.80 | 22.12   |

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 PAIN1926-001 03/02/2008

|                        | Rates    | Fringes |
|------------------------|----------|---------|
| Soft Floor Layers..... | \$ 26.00 | 19.60   |

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 PAIN1944-001 01/01/2008

|            | Rates    | Fringes |
|------------|----------|---------|
| Taper..... | \$ 36.00 | 16.30   |

-----  
 PLAS0630-001 09/03/2007

|                | Rates    | Fringes |
|----------------|----------|---------|
| Plasterer..... | \$ 33.94 | 16.17   |

-----  
 PLAS0630-002 09/03/2007

|                              | Rates    | Fringes |
|------------------------------|----------|---------|
| Cement Masons:               |          |         |
| Cement Masons.....           | \$ 33.10 | 16.17   |
| Trowel Machine Operators.... | \$ 33.25 | 16.17   |

-----  
 PLUM0675-001 07/06/2008

|   | Rates    | Fringes |
|---|----------|---------|
| Plumber, Pipefitter,<br>Steamfitter & Sprinkler Fitter... | \$ 34.10 | 20.33   |

-----  
 ROOF0221-001 04/29/2007

|  | Rates    | Fringes |
|--|----------|---------|
| Roofers (Including Built Up,<br>Composition and Single Ply)..... | \$ 31.10 | 13.83   |

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 \* SHEE0293-001 08/31/2008

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| Sheet metal worker..... | \$ 36.67 | 17.92   |

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 SUHI1997-002 09/15/1997

|                        | Rates    | Fringes |
|------------------------|----------|---------|
| Drapery Installer..... | \$ 13.60 | 1.20    |

FENCE ERECTOR (Chain Link  
Fence)..... \$ 9.33 1.65

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

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

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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.

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#### WAGE DETERMINATION APPEALS PROCESS

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

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

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

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

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

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

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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 ROUTE 200 - SADDLE ROAD PTA-1 SECTION PHASE 5

Comply with security requirements on a military reservation according to Subsection 108.01.

Keep all access gates on the project locked at all times.

Stockpile all excess material in an approved manner for use by the Department of the Army (DOA). Do not construct stockpiles or staging areas in locations that block access to the Army's quarry area or roads and trails within PTA needed for military access or other construction projects.

Backfill any excavations or holes created by quarry operations below the natural ground level to the same elevation with waste or overburden materials.

Pressure wash all equipment used in quarry operations prior to bringing onsite according to Section 107 of the Special Contract Requirements.

Upon completion of quarry operations, maintain or install new erosion control elements downstream of all stockpiled aggregates, overburden and waste piles. Remove all equipment, trash or other materials not designated to remain and restore the area to the condition specified in the contract and satisfactory to the CO.

**~~105.04 Storing and Handling Material.~~ Add the following:**

~~An existing site at the intersection of new Saddle Road and Makai Road can be used as a staging area for this project. If the Contractor chooses to use areas outside the Saddle Road right-of-way or an area outside the limits of disturbance at the PTA Quarry, the contractor will need to obtain the necessary right of entries and permits such as the Conservation District Use Permit, NPDES, Grading, and Grubbing.~~

~~Add the following after the third sentence of the second paragraph:~~

~~For Contractor located, non-commercial staging, storing, and material handling areas, secure environmental clearances according to Subsection 107.10.~~

**105.04 Storage and Handling Material.** Delete the text and substitute the following:

The area within the right-of-way from station 198+00 to station 215+00 on the new Saddle Road may be used as a staging area for this project. Makai Road may be used as the access to the staging area only for Class 1, 2 or 3 light-vehicles. Maintenance of dust control on Makai Road and the staging area will not be paid for directly but considered subsidiary to other contract items.

Roadway construction equipment and hauling of aggregates or bituminous material on Makai Road will not be allowed, including empty trucks.

STATE ROUTE 200 - SADDLE ROAD PTA-1 SECTION PHASE 5

If the contractor chooses to use areas outside the Saddle Road right-of-way or an area outside the limits of disturbance at the PTA Quarry, the contractor will need to obtain the necessary right of entries and permits such as the Conservation District Use Permit, NPDES, Grading and Crubbing

Add the following after the third sentence of the second paragraph:

For Contractor-located, non-commercial staging, storing, and materials handling areas, secure environmental clearances according to Subsection 107.10

**Section 106. - ACCEPTANCE OF WORK**

**106.01 Conformity with Contract Requirements.** Delete the text and substitute the following:

Follow the requirements of FAR Clause 52.246-12 Inspection of Construction.

References to standard test methods of AASHTO, ASTM, GSA, and other recognized standard authorities refer to the methods in effect on the date of solicitation for bids.

Perform all work to the lines, grades, cross-sections, dimensions, and processes or material requirements shown on the plans or specified in the contract.

## STATE ROUTE 200 – SADDLE ROAD PTA-1 SECTION PHASE 5

No night roadway construction is allowed unless approved by the CO.

At any time, military training and maneuvers may cause delays to the construction work. Military training missions will take precedence over contractor operations. Military convoys must be given right of way.

All contractor personnel must attend an unexploded ordnance awareness and safety briefing prior to the start of roadway construction and commencement of quarry operations. Provide at least 4 weeks notice prior to the desired start date of quarry operations to the CO to arrange ordnance awareness and safety briefings.

*During construction, use only Makai and Ahi Roads as access to the project. Makai Road access will be limited to only Class 1, 2 or 3 light-weight vehicles. All construction vehicles hauling aggregates, asphalt mix from the PTA Quarry or other construction materials and equipment will be hauled onto the project via Ahi road.*

*Access onto the project from the east and west termini of the project will not be allowed. Furnish and install type 3 barricades and construction fence as directed by the CO at the project begin (west) and end (east) points of the project to prevent public access onto the project construction limits. Payment for type 3 barricades and construction fence will be measured and paid for at the contract price per unit of measurement for the section pay item listed in the bid schedule.*

*Furnish and install a gate as per Section 619 and similar to the existing Makai Road gate, on Ahi Road access point sufficiently away from through traffic driving on the existing Saddle Road. Obtain approval of the location of the gate from the CO prior to installation. Keep access road gates locked at all times; employ gatekeeper personnel, if desired, at no cost to the Government. Place a combination padlock at each access gate which is to remain locked at all times except to allow passage through by the contractor and subcontractors. Provide the PTA police and CO with combinations to all combination padlocks installed. The PTA police will conduct a security drive-through each night at the conclusion of the workday to assure all contractor personnel have left the construction limits. Coordinate the daily construction start and finish times with the PTA police through the CO at the preconstruction meeting. Adjustments to the start and finish times may be requested by the contractor during the year to reflect longer daylight hours. National security level changes or contractor' abuse of this access privilege may necessitate more stringent entrance requirements. During construction, use only approved access roads. Do not access the PTA cantonment area via the construction project.*

STATE ROUTE 200 – SADDLE ROAD PTA-1 SECTION PHASE 5

**108.04 Failure to Complete Work on Time.** Delete Table 108-1 and substitute the following:

Liquidated damages of \$5,000.00 per day will be assessed for failure to substantially complete work within the contract time specified.

**108.05 Stop Order.** Delete the text and substitute the following:

The CO may order the performance of the work to be stopped, either in whole or in part, for such periods deemed necessary due to the following:

- (a) Weather or soil conditions considered unsuitable for prosecution of the work;
- (b) Military training or maneuvers; or
- (c) Failure of the Contractor to:
  - (1) Correct conditions unsafe for the workers or the general public;
  - (2) Carry out written orders given by the CO; or
  - (3) Perform any provision of the contract.
- (d) No adjustment in contract time or amount will be made for stop orders issued under this section, except:

| ITEM NO.  | ITEM DESCRIPTION   | Sheet Number-->      |  | B5                | B6-B8               | B9-B11                 | B12-B13                             | B14-B16         | ESTIMATED QUANTITIES | STATE  | PROJECT | SHEET NO. | TOTAL SHEETS                |    |     |
|-----------|--|----------------------|--|-------------------|---------------------|------------------------|-------------------------------------|-----------------|----------------------|--------|---------|-----------|-----------------------------|----|-----|
|           |  | Sheet Description--> |  | Grading Summaries | Surfacing Summaries | Permanent Sign Summary | Pavement Markers & Striping Summary | Misc. Summaries |                      | PLAN   | BID     | HI        | HI A-AD 6(5)<br>SADDLE ROAD | B1 | B16 |
|           |  | UNIT                 | REMARKS AND/OR DETERMINATION OF ESTIMATED QUANTITY |                   |                     |                        |                                     |                 |                      |        |         |           |                             |    |     |
| 15101     | MOBILIZATION   | LPSM                 |  |                   |                     |                        |                                     |                 | ALL                  | ALL    |         |           |                             |    |     |
| 15202     | SLOPE, REFERENCE, AND CLEARING AND GRUBBING STAKES                   | MILE                 |  |                   |                     |                        |                                     | 0.85            | 0.85                 | 0.9    |         |           |                             |    |     |
| 15203     | CENTERLINE RE-ESTABLISHMENT  | MILE                 |  |                   |                     |                        |                                     | 7.21            | 7.21                 | 7.3    |         |           |                             |    |     |
| 15204     | DRAINAGE STRUCTURE SURVEY AND STAKING                                | EACH                 |  |                   |                     |                        |                                     | 2               | 2                    | 2      |         |           |                             |    |     |
| 15207     | GRADE FINISHING STAKES   | MILE                 |  |                   |                     |                        |                                     | 7.21            | 7.21                 | 7.3    |         |           |                             |    |     |
| 15212A    | MINOR APPROACH ROAD SURVEY AND STAKING                               | EACH                 |  |                   |                     |                        |                                     | 3               | 3                    | 3      |         |           |                             |    |     |
| 15301     | CONTRACTOR QUALITY CONTROL   | LPSM                 |  |                   |                     |                        |                                     |                 | ALL                  | ALL    |         |           |                             |    |     |
| 15501     | CONSTRUCTION SCHEDULE  | LPSM                 |  |                   |                     |                        |                                     |                 | ALL                  | ALL    |         |           |                             |    |     |
| 15703     | SILT FENCE   | LNFT                 |  |                   |                     |                        |                                     | 13793           | 13793                | 14350  |         |           |                             |    |     |
| 15709     | CHECK DAMS   | EACH                 |  |                   |                     |                        |                                     | 150             | 150                  | 155    |         |           |                             |    |     |
| 15735     | SEDIMENT CONTROL LOG   | EACH                 |  |                   |                     |                        |                                     | 276             | 276                  | 290    |         |           |                             |    |     |
| 15805     | WATERING   | MGAL                 |  |                   |                     |                        |                                     |                 |                      | 10000  |         |           |                             |    |     |
| 20101     | CLEARING AND GRUBBING  | ACRE                 |  |                   |                     |                        |                                     | 10.69           | 10.69                | 11.2   |         |           |                             |    |     |
| 20302RA   | REMOVAL OF ASPHALT CURB  | LNFT                 |  |                   |                     |                        |                                     | 500             | 500                  | 520    |         |           |                             |    |     |
| 20402     | SUBEXCAVATION  | CUYD                 |  |                   |                     |                        |                                     |                 |                      | 2000   |         |           |                             |    |     |
| 20403     | UNCLASSIFIED BORROW  | CUYD                 | 23648  |                   |                     |                        |                                     |                 | 23648                | 24700  |         |           |                             |    |     |
| 20409     | EMBANKMENT CONSTRUCTION  | CUYD                 | 28094  |                   |                     |                        |                                     |                 | 28094                | 29300  |         |           |                             |    |     |
| 21101     | ROADWAY OBLITERATION   | SQYD                 |  |                   |                     |                        |                                     | 618             | 618                  | 650    |         |           |                             |    |     |
| 25101C    | PLACED RIPRAP, CLASS 3   | CUYD                 |  |                   |                     |                        |                                     | 22              | 22                   | 23     |         |           |                             |    |     |
| 25111     | PLACED INDIVIDUAL BOULDERS   | EACH                 |  |                   |                     |                        |                                     | 41              | 41                   | 45     |         |           |                             |    |     |
| 25206     | ROCKERY WALL   | SQFT                 |  |                   |                     |                        |                                     | 1241            | 1241                 | 1300   |         |           |                             |    |     |
| 30104E    | SUBBASE, GRADING E   | TON                  |  | 6455              |                     |                        |                                     | 25226           | 31681                | 33000  |         |           |                             |    |     |
| 30302     | ROAD RECONDITIONING  | SQYD                 |  |                   |                     |                        |                                     | 156860          | 156860               | 164000 |         |           |                             |    |     |
| 30612     | DUST PALLIATIVE  | GAL                  |  |                   |                     |                        |                                     |                 |                      | 25000  |         |           |                             |    |     |
| 30701LA   | STOCKPILED AGGREGATE, 3" GRADING                                     | TON                  |  |                   |                     |                        |                                     |                 |                      | 10200  |         |           |                             |    |     |
| 30701LB   | STOCKPILED AGGREGATE, 6" GRADING                                     | TON                  |  |                   |                     |                        |                                     |                 |                      | 3400   |         |           |                             |    |     |
| 40501E    | HOT ASPHALT TREATED BASE COURSE, GRADING E                           | TON                  |  | 74693             |                     |                        |                                     |                 | 74693                | 77700  |         |           |                             |    |     |
| 40504C    | ANTISTRIP ADDITIVE, TYPE 3   | TON                  |  | 746.9             |                     |                        |                                     |                 | 746.9                | 780    |         |           |                             |    |     |
| 40505PGDB | ASPHALT BINDER, GRADE 64-16  | TON                  |  | 4706              |                     |                        |                                     |                 | 4706                 | 5000   |         |           |                             |    |     |
| 40507     | MATERIALS TRANSFER VEHICLE   | LPSM                 |  |                   |                     |                        |                                     |                 | ALL                  | ALL    |         |           |                             |    |     |
| 40908BA   | FOG SEAL GRADE CSS-1 OR CSS-1H, SS-1 OR SS-1H                        | TON                  |  | 37.85             |                     |                        |                                     |                 | 37.9                 | 40     |         |           |                             |    |     |
| 41101CM   | PRIME COAT GRADE CSS-1, CSS-1H, SS-1, OR SS-1H                       | TON                  |  | 113.55            |                     |                        |                                     |                 | 113.55               | 119    |         |           |                             |    |     |
| 41201CM   | TACK COAT GRADE CSS-1, CSS-1H, SS-1, OR SS-1H                        | TON                  |  | 37.85             |                     |                        |                                     | 0.48            | 38.3                 | 40     |         |           |                             |    |     |
| 41301F    | ASPHALT PAVEMENT MILLING, 2-INCH DEPTH                               | SQYD                 |  |                   |                     |                        |                                     | 1955            | 1955                 | 2040   |         |           |                             |    |     |
| 60104     | CONCRETE (PEDESTRIAN PAD)  | EACH                 |  |                   |                     |                        |                                     | 8               | 8                    | 8      |         |           |                             |    |     |
| 60104     | CONCRETE (HOLE FOUNDATION)   | EACH                 |  |                   |                     |                        |                                     | 8               | 8                    | 8      |         |           |                             |    |     |
| 60201M    | 24-INCH PIPE CULVERT   | LNFT                 |  |                   |                     |                        |                                     | 14              | 14                   | 15     |         |           |                             |    |     |
| 60201N    | 30-INCH PIPE CULVERT   | LNFT                 |  |                   |                     |                        |                                     | 176             | 176                  | 184    |         |           |                             |    |     |
| 60206N    | END SECTION FOR 30-INCH PIPE CULVERT                                 | EACH                 |  |                   |                     |                        |                                     | 2               | 2                    | 2      |         |           |                             |    |     |
| 60223     | REMOVE AND RESET END SECTION   | EACH                 |  |                   |                     |                        |                                     | 1               | 1                    | 1      |         |           |                             |    |     |
| 61701BBAA | GUARDRAIL SYSTEM G2, TYPE 2, CLASS A (STEEL POSTS)                   | LNFT                 |  |                   |                     |                        |                                     |                 | 350                  | 375    |         |           |                             |    |     |
| 61702EA   | TERMINAL SECTION TYPE EXTRUDER (ET 2000 PLUS)                        | EACH                 |  |                   |                     |                        |                                     |                 | 1                    | 1      |         |           |                             |    |     |
| 61702FL   | TERMINAL SECTION TYPE FLARED (TYPE A)                                | EACH                 |  |                   |                     |                        |                                     |                 | 1                    | 1      |         |           |                             |    |     |
| 61901AC   | FENCE, WOVEN WIRE TYPE, 48-INCH HEIGHT                               | LNFT                 |  |                   |                     |                        |                                     | 35804           | 35804                | 37300  |         |           |                             |    |     |
| 61901FA   | FENCE TEMPORARY CONSTRUCTION   | LNFT                 |  |                   |                     |                        |                                     |                 |                      | 3000   |         |           |                             |    |     |
| 61902BG   | GATE, METAL TYPE, 14-FOOT WIDTH                                      | EACH                 |  |                   |                     |                        |                                     | 7               | 7                    | 7      |         |           |                             |    |     |
| 61902BK   | GATE, METAL TYPE, 20-FOOT WIDTH                                      | EACH                 |  |                   |                     |                        |                                     | 3               | 3                    | 3      |         |           |                             |    |     |
| 61906     | REMOVE AND RESET FENCE   | LNFT                 |  |                   |                     |                        |                                     | 500             | 500                  | 520    |         |           |                             |    |     |
| 62201AE   | DUMP TRUCK, 10-12 CUBIC YARD CAPACITY                                | hour                 |  |                   |                     |                        |                                     |                 |                      | 20     |         |           |                             |    |     |
| 62201BC   | BACKHOE LOADER, 48 GAL MINIMUM RATED CAPACITY BUCKET (24-INCH WIDTH) | hour                 |  |                   |                     |                        |                                     |                 |                      | 20     |         |           |                             |    |     |
| 62201CE   | LOADER, WHEEL TYPE, 4 CUBIC YARD MINIMUM CAPACITY                    | hour                 |  |                   |                     |                        |                                     |                 |                      | 20     |         |           |                             |    |     |
| 62201DG   | BULLDOZER, D-9   | hour                 |  |                   |                     |                        |                                     |                 |                      | 60     |         |           |                             |    |     |

N:\HN\6(5)\Roadway\sheets\B-Summ\quantities.xls\TTC 9/10/08 7:14 AM

The following quantities are approximate unless noted as a contract quantity. Payment will be made for the actual quantities of work performed and accepted or for materials furnished according to the contract.

**SUMMARY OF QUANTITIES SCHEDULE A**

| ITEM NO. | ITEM DESCRIPTION  | Sheet Number-->      | B5   | B6-B8               | B9-B11                 | B12-B13                             | B14-B16         | ESTIMATED QUANTITIES |        | STATE | PROJECT                  | SHEET NO. | TOTAL SHEETS |
|----------|---|----------------------|--|---------------------|------------------------|-------------------------------------|-----------------|----------------------|--------|-------|--------------------------|-----------|--------------|
|          |   | Sheet Description--> | Grading Summaries                                  | Surfacing Summaries | Permanent Sign Summary | Pavement Markers & Striping Summary | Misc. Summaries | PLAN                 | BID    | HI    | HI A-AD 6(5) SADDLE ROAD | B2        | B16          |
|          |   | UNIT                 | REMARKS AND/OR DETERMINATION OF ESTIMATED QUANTITY |                     |                        |                                     |                 |                      |        |       |                          |           |              |
| 62201LB  | MOTOR GRADER, 12 FOOT MINIMUM BLADE   | HOUR                 |  |                     |                        |                                     |                 |                      |        |       |                          |           | 20           |
| 62201MT  | HYDRAULIC EXCAVATOR, TRACK TYPE, 165 HP FLYWHEEL POWER, 1.3 CUBIC YARD BUCKET, EQUIVALENT TO A CATERPILLAR 225B, WITH A RAM HOE | HOUR                 |  |                     |                        |                                     |                 |                      |        |       |                          |           | 20           |
| 62301    | GENERAL LABOR   | HOUR                 |  |                     |                        |                                     |                 |                      |        |       |                          |           | 150          |
| 62404N   | PLACING CONSERVED TOPSOIL, 6-INCH DEPTH   | SQYD                 |  |                     |                        |                                     | 24,877          |                      | 24,877 |       |                          |           | 25,900       |
| 62504B   | MULCHING, HYDRAULIC METHOD  | ACRE                 |  |                     |                        |                                     | 16.7            |                      | 16.7   |       |                          |           | 17.4         |
| 62508    | WATER   | MGAL                 |  |                     |                        |                                     |                 |                      |        |       |                          |           | 2,000        |
| 62514    | HERBICIDE   | GAL                  |  |                     |                        |                                     |                 |                      |        |       |                          |           | 200          |
| 62901C   | EROSION CONTROL MAT TYPE 3  | SQYD                 |  |                     |                        |                                     | 2363            |                      | 2363   |       |                          |           | 2460         |
| 63001    | HIRED TECHNICAL SERVICES  | HOUR                 |  |                     |                        |                                     |                 |                      |        |       |                          |           | 40           |
| 63003    | ADDITIONAL SURVEYING SERVICES   | HOUR                 |  |                     |                        |                                     |                 |                      |        |       |                          |           | 80           |
| 63301    | SIGN INSTALLATION   | EACH                 |  |                     | 124                    |                                     |                 |                      | 124    |       |                          |           | 124          |
| 63306    | OBJECT MARKERS  | EACH                 |  |                     | 151                    |                                     | 536             |                      | 687    |       |                          |           | 687          |
| 63307G   | DELINEATORS FLEXIBLE  | EACH                 |  |                     |                        |                                     | 20              |                      | 20     |       |                          |           | 20           |
| 63308A   | REMOVING AND RESETTNG SIGN  | EACH                 |  |                     | 6                      |                                     |                 |                      | 6      |       |                          |           | 6            |
| 63505B   | BARRICADE, TYPE 2   | EACH                 |  |                     |                        |                                     | 100             |                      | 100    |       |                          |           | 100          |
| 63505C   | BARRICADE TYPE 3  | EACH                 |  |                     |                        |                                     | 20              |                      | 20     |       |                          |           | 20           |
| 63506    | CONE  | EACH                 |  |                     |                        |                                     | 100             |                      | 100    |       |                          |           | 100          |
| 63507    | CONSTRUCTION SIGN   | SQFT                 |  |                     |                        |                                     | 606             |                      | 606    |       |                          |           | 630          |
| 63508    | DRUM  | EACH                 |  |                     |                        |                                     | 100             |                      | 100    |       |                          |           | 100          |
| 63509    | FLAGGER   | HOUR                 |  |                     |                        |                                     | 1,700           |                      | 1,700  |       |                          |           | 1,700        |
| 63511A   | TEMPORARY BARRIER (WATER FILLED)  | LNFT                 |  |                     |                        |                                     | 1,300           |                      | 1,300  |       |                          |           | 1,300        |
| 63514    | TEMPORARY PAVEMENT MARKINGS   | LNFT                 |  |                     |                        |                                     | 1,600           |                      | 1,600  |       |                          |           | 1,600        |
| 63519A   | PAVEMENT MARKING REMOVAL  | SQFT                 |  |                     |                        |                                     | 2046            |                      | 2,046  |       |                          |           | 2,130        |
| 63523    | MAINTENANCE OF TRAFFIC, PAVEMENT PATCH  | TON                  |  |                     |                        |                                     |                 |                      |        |       |                          |           | 150          |
| 63524A   | VARIABLE MESSAGE SIGN   | DAY                  |  |                     |                        |                                     | 120             |                      | 120    |       |                          |           | 120          |
| 63539C   | TRAFFIC AND SAFETY SUPERVISOR   | WEEK                 |  |                     |                        |                                     | 16              |                      | 16     |       |                          |           | 16           |
| 63637    | FLASHING BEACON   | EACH                 |  |                     | 1                      |                                     |                 |                      | 1      |       |                          |           | 1            |

N:\HI\hi(6)\Roadway\sheet\B-Summ\quantities.xls]TTC 9/10/08 7:14 AM

The following quantities are approximate unless noted as a contract quantity. Payment will be made for the actual quantities of work performed and accepted or for materials furnished according to the contract.

**SUMMARY OF QUANTITIES SCHEDULE A**

| TEMPORARY TRAFFIC CONTROL SUMMARY |                   |                  |            |            |             |                                  |                             |                       |                               |
|-----------------------------------|-------------------|------------------|------------|------------|-------------|----------------------------------|-----------------------------|-----------------------|-------------------------------|
| Item number                       | 63505B            | 63505C           | 63506      | 63508      | 63509       | 63511A                           | 63514                       | 63524A                | 63539C                        |
| Description                       | BARRICADE, TYPE 2 | BARRICADE TYPE 3 | CONE       | DRUM       | FLAGGER     | TEMPORARY BARRIER (WATER FILLED) | TEMPORARY PAVEMENT MARKINGS | VARIABLE MESSAGE SIGN | TRAFFIC AND SAFETY SUPERVISOR |
|                                   | EACH              | EACH             | EACH       | EACH       | HOUR        | LNFT                             | LNFT                        | DAY                   | WEEK                          |
| 1000+00 to 1003+00                | 25                |                  | 25         | 25         | 90          | 300                              | 300                         | 60                    | 8                             |
| 0+00 to 17+00                     | 50                | <b>20</b>        | 50         | 50         | 760         | 500                              |                             |                       |                               |
| 353+00 to 380+00                  | 25                |                  | 25         | 25         | 850         | 500                              | 1300                        | 60                    | 8                             |
| <b>SCHEDULE A TOTALS</b>          | <b>100</b>        | <b>20</b>        | <b>100</b> | <b>100</b> | <b>1700</b> | <b>1300</b>                      | <b>1600</b>                 | <b>120</b>            | <b>16</b>                     |
| 1000+00 to 1003+00                |                   |                  |            |            | 10          |                                  |                             |                       |                               |
| 0+00 to 17+00                     |                   |                  |            |            | 140         |                                  |                             |                       |                               |
| 353+00 to 380+00                  |                   |                  |            |            | 150         |                                  |                             |                       |                               |
| <b>OPTION Y TOTALS</b>            |                   |                  |            |            | <b>300</b>  |                                  |                             |                       |                               |

| CONSTRUCTION SIGN SUMMARY |   |                      |            |          |                   |
|---------------------------|---|----------------------|------------|----------|-------------------|
| Item number               |   |                      |            |          | 63507             |
| MUTCD Reference           | Sign Message  | Panel Size (in x in) | Area (ft2) | Quantity | CONSTRUCTION SIGN |
|                           |   |                      |            |          | SQFT              |
| G20-1                     | Road Work Next X Miles  | 36 x 18              | 4.50       | 2        | 9                 |
| G20-2                     | End Road Work   | 36 x 18              | 4.50       | 4        | 18                |
| G20-4                     | Pilot Car Follow Me   | 36 x 18              | 4.50       | 1        | 5                 |
| R11-2                     | Road Closed   | 48 x 30              | 10.00      | 10       | 100               |
| W1-2(L)                   | Left Turn Arrow   | 48 x 48              | 16.00      | 2        | 32                |
| W13-1                     | 25 mph (supplemental panel)                                       | 24 x 24              | 4.00       | 4        | 16                |
| W20-1                     | Road Work Ahead   | 48 x 48              | 16.00      | 4        | 64                |
| W20-1                     | Road Work 1500 FT   | 48 x 48              | 16.00      | 4        | 64                |
| W20-1                     | Road Work 1000 FT   | 48 x 48              | 16.00      | 4        | 64                |
| W20-1                     | Road Work 500 FT  | 48 x 48              | 16.00      | 4        | 64                |
| W20-7a                    | Flagger (symbol)  | 36 x 36              | 9.00       | 4        | 36                |
| W16-2                     | XX FT (supplemental panel)  | 24 x 18              | 3.00       | 4        | 12                |
| Special                   | Saddle Road Realignment<br>M.P. 34 - M.P. 42<br>Anticipate Delays | 120 x 54             | 45.00      | 2        | 90                |
| W8-6                      | Truck Crossing  | 48 x 48              | 16.00      | 2        | 32                |
| <b>SCHEDULE A TOTAL</b>   |   |                      |            |          | <b>606</b>        |

| DRAINAGE SUMMARY         |       |                                       |                      |                      |                                      |                              |                        |                                |
|--------------------------|-------|---------------------------------------|----------------------|----------------------|--------------------------------------|------------------------------|------------------------|--------------------------------|
| Item number              | 15204 | 60201M                                | 60201N               | 60206N               | 60223                                | 25101C                       | No Pay                 |                                |
| Station                  | Skew  | DRAINAGE STRUCTURE SURVEY AND STAKING | 24-INCH PIPE CULVERT | 30-INCH PIPE CULVERT | END SECTION FOR 30-INCH PIPE CULVERT | REMOVE AND RESET END SECTION | PLACED RIPRAP, CLASS 3 | Earthwork Geotextile Type IV-E |
|                          |       | EACH                                  | LNFT                 | LNFT                 | EACH                                 | EACH                         | CUYD                   | SQYD                           |
| 11+20                    | 45°   | 1                                     |                      | 176                  | 2                                    |                              | 11                     | 27                             |
| 372+82                   |       | 1                                     | 14                   |                      |                                      | 1                            | 11                     | 27                             |
| <b>SCHEDULE A TOTALS</b> |       | <b>2</b>                              | <b>14</b>            | <b>176</b>           | <b>2</b>                             | <b>1</b>                     | <b>22</b>              | <b>54</b>                      |

| BOULDER SUMMARY         |                            |
|-------------------------|----------------------------|
| Item number             | 25111                      |
| Station to station      | PLACED INDIVIDUAL BOULDERS |
|                         | EACH                       |
| 354+50 to 355+90 RT     | 21                         |
| As directed by the CO   | 20                         |
| <b>SCHEDULE A TOTAL</b> | <b>41</b>                  |

| ASPHALT MILLING AND PAVEMENT MARKING REMOVAL SUMMARY |  |                          |                  |
|--|--|--------------------------|------------------|
| Item number  | 41301F                                 | 63519A                   |                  |
| Station to station                                   | ASPHALT PAVEMENT MILLING, 2-INCH DEPTH | PAVEMENT MARKING REMOVAL | Remarks          |
|  | SQYD                                   | SQFT                     |                  |
| 363+23.39 to 380+00 RT                               | 1955                                   | 2046                     | Roadway Widening |
| <b>SCHEDULE A TOTALS</b>                             | <b>1955</b>                            | <b>2046</b>              |                  |

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**MISCELLANEOUS SUMMARIES**

Scale: N/A Date: July 21, 2008