STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 1

FOR

PEDESTRIAN FACILITIES AND ADA COMPLIANCE

AT VARIOUS LOCATIONS ON OAHU, PHASE II

FEDERAL-AID PROJECT NO. CMAQ-0300(87)

DISTRICTS OF HONOLULU, KOOLAUPOKO, AND EWA

ISLAND OF OAHU

2003

Amend the Bid Documents as follows:

A. SPECIAL PROVISIONS

1. Replace Section 609, pages 609-1a thru 609-7a, dated r11/06/02 with the attached Section 609, pages 609-1a thru 609-7a, dated r1/21/03.

2. Replace Section 697, pages 697-1a thru 697-3a, dated r12/06/02 with the attached Section 697, pages 697-1a thru 697-3a, dated r01/22/03.

3. Replace the Federal Wage Rates dated 11/15/2002 with the attached Federal Wage Rates dated 1/10/2003.

B. PROPOSAL SCHEDULE

1. Replace the Proposal Schedule pages P-8 to P-17 dated 12/06/02 with the attached Proposal Schedule pages P-8 to P-17 dated r01/24/03.

C. PLANS

1. Amend the construction note on BL Sta. 1+03.9+/- to BL 1+16.7 +/- Lt. on Plan Sheet No. 15 by deleting "5.0'x11.5' +/- Concrete Sidewalk, 3.5'x12.7' +/- Concrete Sidewalk and 10 LF +/- Type "2D" Curb Transitions."

2. Amend Plan Sheet No. 15 by adding note "BL Sta. 1+31.7+/-Rt. to BL Sta. 1+44.0 +/- Lt. Asphalt Concrete Pavement Shall be Paid for Under Contract Item 401-Asphalt concrete Pavement, Mix No. IV Site No. 1 = 21 Sq. Yd."

3. Amend the construction note on KBD BL Sta. 40+69+/- to BL 41+16 +/- Lt. on Plan Sheet No. 60 by deleting "11'x5.9'+/- Concrete Sidewalk Transition, 14'x5.6' +/- Concrete Sidewalk Transition".

4. Amend Plan Sheet No. 63 by replacing "40.76" spot elevation to "49.76".

5. Amend Plan Sheet No. 77 by adding note "Replace Existing Loop Detectors with Three (3) New Through Lane Loop Detector Sensing Units (6 Ft. x 6 Ft.) Two Loops Each, and One (1) New Left Turn Loop Detector Sensing Unit (6 Ft. x 6 Ft.) Four Loops Each), Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

6. Amend Plan Sheet No. 78 by adding note "Replace Existing Loop Detectors with Four (4) New Through Lane Loop Detector Sensing Units (6 Ft. x 6 Ft.) Two Loops Each, Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

7. Amend Plan Sheet No. 79 by adding note "Replace Existing Loop Detectors with Two (2) New Through Lane Loop Detector Sensing Units (6 Ft. x 6 Ft.) Two Loops Each, and Two (2) New Left Turn Loop Detector Sensing Units (6 Ft. x 6 Ft.) Four Loops Each, Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

8. Amend Plan Sheet No. 80 by adding note "Replace Existing Loop Detectors with Five (5) New Through Lane Loop Detector Sensing Units (6 Ft. x 6 Ft.) Two Loops Each, and Five (5) New Left Turn Loop Detector Sensing Units (6 Ft. x 6 Ft.) Four Loops Each, Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

9. Amend Plan Sheet No. 82 by adding note "Replace Existing Loop Detectors with Four (4) New Through Lane Loop Detector Sensing Units (6 Ft. x 6 Ft.) Two Loops Each, and Four (4) New Left Turn Loop Detector Sensing Units (6 Ft. x 6 Ft.) Four Loops Each, Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

10. Amend Plan Sheet No. 83 by adding note "Replace Existing Loop Detectors with One (1) New Through Lane Loop Detector Sensing Unit (6 Ft. x 6 Ft.) Two Loops Each, and Two (2) New Left Turn Loop Detector Sensing Units (6 Ft. x 6 Ft.) Four Loops Each, Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

11. Amend the construction note on Middle St. BL Sta. 16+98.8± to Middle St. BL Sta. 17+19.5± Lt. on Plan Sheet No. 94 by replacing "Type 'B' Modified" with "Type 'B' Curb Ramp" and by deleting "5 LF± Type '2DG' Curb Transition and 5.50'x5± Sidewalk Transition".

12. Amend Plan Sheet No. 94 by adding note "Middle St. North Bound BL Sta. 17+25 to Sta. 17+45 Lt. and Middle St. BL Sta. 16+95 to 17+40 Lt. and Rt.: Asphalt Concrete Pavement shall be paid for under Contract Item 401 – Asphalt Concrete Pavement, Mix No. IV. Site No. 10 = 17 Square Yards."

13. Amend the construction note on Middle St. BL Sta. 17+05± to Middle St. BL Sta. 17+38± Rt. on Plan Sheet No. 96 by deleting "14.17 LF Type '2DG' Curb and Gutter Transition and 12'x6.5± Sidewalk Transition".

14. Amend the construction note on Middle St. BL Sta. 17+27.1± to Middle St. BL Sta. 17+44.7± Lt. on Plan Sheet No. 98 by deleting "6 LF± Type '2DG' Curb and Gutter Transition and 9.11'x6'± Sidewalk Transition".

15. Amend the construction note on NH BL Sta. 94+88 to NH BL Sta. 95+15 Lt. on Plan Sheet No. 101 by deleting "12 LF± Type '2DG' Curb and Gutter Transition and 5.2'x12'± Sidewalk Transition".

16. Amend Plan Sheet No. 101 by adding note "Nimitz Highway BL Sta. 94+88 to Nimitz Highway BL Sta. 98+50 Lt. and Rt.: Asphalt Concrete Pavement shall be paid for under Contract Item 401 – Asphalt Concrete Pavement, Mix No. IV. Site No. 12 = 75 Square Yards."

17. Amend the construction note on NH BL Sta. 97+93± to NH BL Sta. 98+36± Lt. on Plan Sheet No. 103 by deleting "6 LF± Type '2DG' Curb and Gutter, 6 LF± Type '2D' Curb and 5'x12'± Conc. Sidewalk Transition".

18. Amend the construction note on NH BL Sta. 97+52± to NH BL Sta. 97+78± Rt. on Plan Sheet No. 105 by replacing "Type 'E' Curb Ramp" with "Type 'B' Curb Ramp" and deleting "12 LF± Type '2D' Conc. Curb Transition and 5'x12'± Conc. Sidewalk Transition".

19. Amend the construction note on NH BL Sta. 98+22± to NH BL Sta. 98+48± Rt. on Plan Sheet No. 105 by deleting "12 LF± Type '2D' Conc. Curb Transition, 8.4'x6'± Sidewalk Transition".

20. Amend Plan Sheet No. 105 by adding dimension "3' " for asphalt repaving area width between curb face and sawcut line to Curb Ramp 12E.

21. Amend the construction note on NH BL Sta. 100+01± to NH BL Sta. 100+07± Lt. on Plan Sheet No. 108 by deleting "8 LF± Type '2D' Conc. Curb, 3.5'x5'± Conc. Sidewalk".

22. Amend the construction note on NH BL Sta. 99+29± to NH BL Sta. 99+53± Lt. on Plan Sheet No. 108 by deleting "11.76 LF± Type '2D' Conc. Curb Transition, 6'x5.76' and 6'x5.5' Conc. Sidewalk Transition".

23. Amend dimension on Plan Sheet No. 108 at NH BL Sta. 99+29.29 o/s 23.69' Lt. by adding "Transition" to dimension " 6.00' ".

24. Amend Plan Sheet No. 108 by adding note "Nimitz Highway BL Sta. 94+88 to Nimitz Highway BL Sta. 98+50 Lt. and Rt.: Asphalt Concrete Pavement shall be paid for under Contract Item 401 – Asphalt Concrete Pavement, Mix No. IV. Site No. 13 = 49 Square Yards."

25. Amend Plan Sheet No. 108 by adding dimension "3' " for asphalt repaving area width between curb face and sawcut line for Curb Ramp 13A.

26. Amend the construction note on NH BL Sta. 99+45± to NH BL Sta. 99+57± Rt. on Plan Sheet No. 110 by replacing "Type 'C' Curb Ramp" with "Type 'C' Modified Curb Ramp" and by adding note "Entire traffic Island shall be considered incidental to Type 'C' Modified Curb Ramp".

27. Amend the construction note on NH BL Sta. 98+90± to NH BL Sta. 99+25± Rt. on Plan Sheet No. 110 by deleting "8.5 LF Type '2D' Conc. Curb Transition and 5.5'x8.5'± Conc. Sidewalk Transition".

28. Amend the construction note on NH BL Sta. 101+79± to NH BL Sta. 102+32± Rt. on Plan Sheet No. 115 by deleting "10 LF± Type '2D' Conc. Curb Transition, 9.26'x7.7'± Conc. Sidewalk Transition".

29. Amend the construction note on NH BL Sta. 102+23± to NH BL Sta. 102+40± Rt. on Plan Sheet No. 115 by deleting "10 LF± Type '2D' Conc. Curb Transition and 9.86'x7.75'± Conc. Sidewalk Transition".

30. Amend Plan Sheet No. 115 by adding note "Nimitz Highway BL Sta. 101+79 to Nimitz Highway BL Sta. 102+40 Rt.: Asphalt Concrete Pavement shall be paid for under Contract Item 401 – Asphalt Concrete Pavement, Mix No. IV. Site No. 14 = 7 Square Yards."

31. Amend the construction note on NH BL Sta. 104+02± to NH BL Sta. 104+81± Rt. on Plan Sheet No. 117 by deleting "7 LF± Type '2D' Conc. Curb Transition, 9.07'x6.0'± Conc. Sidewalk Transition".

32. Amend Plan Sheet No. 117 by adding note "Nimitz Highway BL Sta. 104+00 to Nimitz Highway BL Sta. 105+70 Rt.: Asphalt Concrete Pavement shall be paid for under Contract Item 401 – Asphalt Concrete Pavement, Mix No. IV. Site No. 15 = 19 Square Yards."

33. Amend the construction note on NH BL Sta. 105+32± to NH BL Sta. 105+74± Rt. on Plan Sheet No. 119 by deleting "7 LF± Type '2D' Conc. Curb Transition, 9.92'x6'± Conc. Sidewalk Transition".

34. Amend the construction note on NH BL Sta. 105+98± to NH BL Sta. 106+33± Lt. on Plan Sheet No. 119 by replacing "Type 'B' Curb Ramp" with "Type 'B' Modified Curb Ramp" and by deleting "14 LF± Type '2D' Conc. Curb Transition and 7'x8'± & 8'x6'± Conc. Sidewalk Transition".

35. Amend Plan Sheet No. 119 by adding dimension "3' " for asphalt repaving area width between curb face and sawcut line for Curb Ramp 16A.

36. Amend Plan Sheet No. 119 by adding note "Nimitz Highway BL Sta. 105+98 to Nimitz Highway BL Sta. 106+70 Lt and Rt.: Asphalt Concrete Pavement shall be paid for under Contract Item 401 – Asphalt Concrete Pavement, Mix No. IV. Site No. 16 = 31 Square Yards."

37. Amend the construction note on NH BL Sta. 106+05± to NH BL Sta. 106+24± Rt. on Plan Sheet No. 121 by replacing "Type 'B' and 'D' Curb Ramps" with "Type 'E' Curb Ramp" and by deleting "5 LF± Type '2D' Conc. Curb Transition".

38. Amend the construction note on NH BL Sta. 106+48± to NH BL Sta. 106+70± Rt. on Plan Sheet No. 121 by replacing "Type 'B' Curb Ramp" with "Type 'B' Modified Curb Ramp" and by deleting "12.55 LF Type '2D' Conc. Curb Transition and 6.88'x6'± & 7.27'x5'± Conc. Sidewalk Transition".

39. Amend dimension on Plan Sheet No. 121 at NH BL Sta. 106+10.52 o/s 24.53' Rt. by adding "Transition" to dimension " 5.00' ".

40. Amend the construction note on NH BL Sta. 108+52± to NH BL Sta. 108+59± Lt. Plan Sheet No. 123 by deleting "10.43 LF Type '2D' Curb Transition".

41. Amend the construction note on NH BL Sta. 108+43± to NH BL Sta. 108+48± Lt. on Plan Sheet No. 123 by replacing "Type 'D' Curb Ramp" with "Type 'D' Modified Curb Ramp".

42. Amend the construction note on NH BL Sta. 108+41± to NH BL Sta. 108+52± Lt. on Plan Sheet No. 123 by replacing "Type 'D' Curb Ramp" with "Type 'D' Modified Curb Ramp" and by deleting "10 LF Type '2D' Curb Transition".

43. Amend Plan Sheet No. 123 by adding note "Nimitz Highway BL Sta. 108+10 to Sta. Nimitz Highway BL 108+92 Lt and Rt.: Asphalt Concrete Pavement shall be paid for under Contract Item 401 – Asphalt Concrete Pavement, Mix No. IV. Site No. 17 = 30 Square Yards."

44. Amend the construction note on NH Inbound BL Sta. 102+65± to BL Sta. 102+88± Rt. on Plan Sheet No. 127 by deleting "6 LF± Type '2D' Conc. Curb and 5.79'x6'± Conc. Sidewalk Transition".

45. Amend the construction note on NH Inbound BL Sta. 103+05± to NH BL Sta. 103+22± Rt. on Plan Sheet No. 127 by adding note "Entire traffic Island shall be considered incidental to Type 'C' Curb Ramp".

46. Amend the construction note on NH Inbound BL Sta. 103+37.45± to BL Sta. 103+65.41± Rt. on Plan Sheet No. 127 by deleting "13 LF± Type '2D' Conc. Curb Transition and 6'x11'± Conc. Sidewalk Transition".

47. Amend the construction note on NH BL Sta. 105+49± to NH BL Sta. 105+74± Rt. on Plan Sheet No. 129 by replacing "Type 'B' Modified Curb Ramp" with "Type 'B' Curb Ramp" and by deleting "6.15 LF Conc. Curb Transition and 5.17'x6'± Conc. Sidewalk Transition".

48. Amend the construction note on NH BL Sta. 105+95± to NH BL Sta. 106+12± Rt. on Plan Sheet No. 129 by deleting "10.78 LF Type '2D' Conc. Curb Transition and 5.5'x6'± Conc. Sidewalk Transition".

49. Amend Plan Sheet No. 129 by adding note "Nimitz Highway BL Sta. 105+49 to Nimitz Highway BL Sta. 106+12 Rt.: Asphalt Concrete Pavement shall be paid for under Contract Item 401 – Asphalt Concrete Pavement, Mix No. IV. Site No. 19 = 6 Square Yards."

50. Amend dimension on Plan Sheet No. 129 at NH BL Sta. 106+11.46 o/s 23.83' Rt. by adding "Transition" to dimension " 10.78' ".

51. Amend the construction note on NH BL Sta. 143+46± to NH BL Sta. 143+75± Rt. on Plan Sheet No. 132 by replacing "Type 'B' Curb Ramp" with "Type 'B' Modified Curb Ramp" and by deleting "13.85 LF Type '2DG' Conc. Curb and Gutter Transition and 9.38'x6'± & 8.25'x6'± Conc. Sidewalk Transition".

52. Amend the construction note on NH BL Sta. 143+66± to NH BL Sta. 143+95± Rt. on Plan Sheet No. 132 by replacing "Type 'C' Curb Ramp" with "Type 'C' Modified Curb Ramp" and adding note "All Construction for Traffic Island shall be considered incidental to Type 'C' Modified Curb Ramp".

53. Amend Plan Sheet No. 132 by adding note "Nimitz Highway BL Sta. 143+20 to Nimitz Highway BL Sta. 144+55 Lt and Rt.: Asphalt Concrete Pavement shall be paid for under Contract Item 401 – Asphalt Concrete Pavement, Mix No. IV. Site No. 20 = 46 Square Yards."

54. Amend the construction note on NH BL Sta. 143+22± to NH BL Sta. 143+37± Lt. on Plan Sheet No. 134 by deleting "7 LF± Type '2DG' Curb and Gutter Transition and 9.93'x12.8'± Conc. Sidewalk Transition".

55. Amend the construction note on NH BL Sta. 144+24± to NH BL Sta. 144+33± Rt. on Plan Sheet No. 136 by adding note "Entire traffic Island shall be considered incidental to Type 'C' Curb Ramp".

56. Amend the construction note on NH BL Sta. 144+35± to NH BL Sta. 144+50± Rt. on Plan Sheet No. 136 by replacing "Type 'B' Curb Ramp" with "Type 'B' Modified Curb Ramp" and by deleting "7 LF± Type '2DG' Curb and Gutter and 10'x6'± Conc. Sidewalk Transition".

57. Amend Plan Sheet No. 139, Site 10A, by adding note: "Replace Existing Loop Detector with One (1) New Loop Detector Sensing Unit (Two 6' X 6' Loops Each). One (1) New Loop Detector Sensing Unit (Four 6' X 6' Loops Each), Left Turn Lane, Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

58. Amend Plan Sheet No. 139, Site 10c, by Adding Note: "Replace Existing Loop Detector with Two (2) New Loop Detector Sensing Unit (Two 6' X 6' Loops Each), Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

59. Amend Plan Sheet No. 140, Site 10C, by adding note "Replace Existing Loop Detectors with Two (2) New Loop Detector Sensing Units (Two 6' x 6' Loops each), Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

60. Amend Plan Sheet No. 140, Site 12D, by adding note "Replace Existing Loop Detectors with Three (3) New Loop Detector Sensing Units (Two 6' x 6' Loops each) and One (1) New Loop Detector Sensing Unit (Four 6' x 6' Loops Each) Left Turn Lane, Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

61. Amend Plan Sheet No. 140, Site 12F, by adding note "Replace Existing Loop Detector with One (1) New Loop Detector Sensing Units (Two 6' x 6' Loops each) and One (1) New Loop Detector Sensing Unit (Four 6' x 6' Loops each) Left Turn Lane, Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

62. Amend Plan Sheet No. 141, Site 13A, Pacific Street, by adding note "Replace Existing Loop Detectors with One (1) New Loop Detector Sensing Unit (Two 6' x 6' Loops each) Left Turn Lane, Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

63. Amend Plan Sheet No. 141, Site 13A, Nimitz Highway, by adding note "Replace Existing Loop Detectors with Three (3) New Loop Detector Sensing Units (Two 6' x 6' Loops each) and One (1) New Loop Detector Sensing Unit (Four 6' x 6' Loops each) Left Turn Lane, Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

64. Amend Plan Sheet No. 141, Site 13B, by revising note, delete reference to readjust 2' x 6' telephone handhole to read "Adjust 2' x 6' telephone handhole".

65. Amend Plan Sheet No. 141, Site 13F, by adding note "Replace Existing Loop Detectors with Two (2) New Loop Detector Sensing Units (Two 6' x 6' Loops each), Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

66. Amend Plan Sheet No. 143, Site 20C, by adding note "Replace Existing Loop Detectors with Seven (7) New Loop Detector Sensing Units (Two 6' x 6' Loops each), Three (3) New Loop Detector Sensing Unit (Four 6' x 6' Loops each) Left Turn Lane, Including New 2" PVC Conduit from Traffic Signal Pullbox and Detector Loop Cables, Installed Complete".

67. Replace Plan Sheet Nos. 3, 4, 17, 19, 21, 24, 27, 29, 31, 33, 36, 38, 41, 44, 46, 48, 51, 55, 58, 62, 64, 68, 70, 72, 112, 122, and 125 with the attached Plan Sheet Nos. ADD.3, ADD.4, ADD.17, ADD.19, ADD21, ADD.24, ADD.27, ADD.29, ADD.31, ADD.33, ADD.36, ADD.38, ADD.41, ADD.44, ADD.46, ADD.48, ADD.51, ADD.55, ADD.58, ADD.62, ADD.64, ADD.68, ADD.70, ADD.72, ADD.112, ADD.122, and ADD.125.

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

for RODNEY K. HARAGA
Director of Transportation

Amend **Section 609 - Curb and/or Gutter** to read as follows:

"SECTION 609 - CURB AND/OR GUTTER

609.01 Description. This work includes constructing or resetting curb and/or gutter according to the contract.

The contract designates the types of curb and/or gutter as follows:

(1) Type 2 - Cast-in-place concrete curb and/or gutter
(2) Cast-in-place concrete thru-gutter

609.02 Materials. Materials shall conform to following:

Emulsified Asphalt	702.04
Bed Course Material for Sidewalks & Curbing	703.16(A)
Joint Fillers	705.01
Joint Mortar	705.02
Reinforcing Steel	709.01
Precast Concrete Curb and/or Gutter	712.05

Concrete for curb and/or gutter and thru-gutter shall conform to Section 601 - Structural Concrete and shall be Class A.

Bituminous material for curb shall conform to Section 401 - Asphalt Concrete Pavement and shall be Type V.

Bituminous mixture for Type 7 - Bituminous Gutter shall conform to Section 401 - Asphalt Concrete Pavement and as modified below. Bituminous mixture for Type 7 - Bituminous Gutter shall be Mix No. V. The Contractor shall increase the asphalt content of the mixture by at least 0.5 % above that normally used for asphalt concrete pavement.

Weed killer shall be a nonemergent and nonselective type, EPA approved for highway application, and suitable for use under the designed thickness of pavements. The materials shall be free of solvents or other substances deleterious to the pavement. Application rates shall be at the highest recommended dosage stated on the label. The Contractor shall submit a sampler label containing the pertinent data for acceptance by the Engineer before use.

Concrete, bituminous mixes and manufactured curb and/or gutter materials will be subject to inspection and tests at the plants for compliance with the quality requirements.

The condition of materials will be subject to inspection for acceptance before or during incorporation of materials into the work.

609.03 Construction Requirements.

(A) Precast Concrete Curb and/or Gutter.

(1) Excavation. Excavate to the required depth and compact the base to a firm, even surface. Remove and replace soft and unsuitable material with suitable material so that the Contractor can compact thoroughly.

(2) Installation. Set the curb so that the front top arris line conforms to the line and grade required. Fill the spaces under the curb and/or gutter with bed course material. Tamp this material thoroughly.

(3) Joints. Set the precast blocks approximately 0.5 inch apart. Fill these joints with mortar as specified.

When constructing portland cement concrete pavement abutting the curb and/or gutter, construct the joints in the curb and/or gutter directly in line with pavement expansion joints. The joint in curb and/or gutter shall be 0.75 inch in width. Fill the joint in curb and/or gutter with an expansion joint filler of the same nominal thickness as the pavement joint. Fill the voids between the joint filler and the curb and/or gutter with mortar.

(4) Backfilling. After setting the curb and/or gutter, fill the remaining excavated areas with accepted material. Place and tamp this material thoroughly in layers not exceeding 6 inches in depth.

(B) Cast-in-Place Concrete Curb and/or Gutter.

(1) Excavation. Excavation and bedding shall conform to Subsection 609.03(A)(1) - Excavation.

(2) Forms. Forms shall be of wood or metal, straight, free from warp and of construction that there shall be no interference with the inspection of grade or alignment.

Forms shall extend for the entire depth of the curb and/or gutter. Brace and secure the forms sufficiently so that no deflection from alignment or grade shall occur during the placing of the concrete.

(3) Placing of Concrete. Place the concrete according to Section 503 - Concrete Structures. Moisten the subgrade and forms thoroughly ahead of placing concrete.

Work the surfaces of concrete gutters with proper floats and round the exposed edges with an edging tool. Before the concrete has fully set, remove and finish the face form of the curb with a float and steel trowel to a uniform finish. Broom finish other exposed surfaces longitudinally. The Contractor may require special trowels to shape curbs and/or gutters.

To match adjacent concrete finishes, the Engineer may permit other methods of finishing. The Engineer will not permit plastering.

(4) Sections. Construct curb and/or gutter in sections having a uniform length of 15 feet. Separate the sections by weakened plane joints approximately one-eight inch wide and cut to a depth of one-fourth the gutter thickness. When curb and/or gutter abut Portland cement concrete pavement, install weakened plane joints in the curb and/or gutter continuously with the weakened plane joints in the abutting pavement.

(5) Expansion Joints. Form the expansion joints at the intervals shown in the contract using a preformed expansion joint filler having a thickness of 0.5 inch. When constructing curb and/or gutter next to or on concrete pavement, locate the expansion joints opposite to or at expansion joints in the pavement.

Construct expansion joints in curb and/or gutter at structure abutments and at the ends of returns. Do not construct expansion joints within 20 feet of a traffic island nose.

Shape expansion joints filler to the cross section of the curb and/or gutter.

(6) Curing. Immediately upon completion of the finishing, the Contractor shall:

(a) moisten and keep the curb and/or gutter moist for three days or

(b) cure the curb and/or gutter by using membrane forming material.

The method and details of curing will be subject to acceptance.

(7) Backfilling. After the concrete has set sufficiently, refill the spaces in front and back of the curb and/or gutter to the required elevation with suitable material. Tamp the material thoroughly in layers of not more than 6 inches.

(8) Curb Machine. With the acceptance of the Engineer, the Contractor may construct the curb and/or gutter by using a curb and/or gutter forming machine.

(9) Construction Joints. Build construction joints in cast-in-place curbs and/or gutters:

(a) when the delays are greater than 45 minutes between two consecutive batches in concrete operations,

(b) at the end of each day of pouring, or

(c) when specified by the Engineer.

Build the construction joints according to the details shown in the contract and shall coincide with the spacing of weakened plane joints. Coat the dowels for the joints uniformly with a thin film of heavy lubricating oil immediately before placement of concrete at the joint. Support the dowels firmly during concrete placement. The forms shall remain in place until the Contractor resumes concrete operations on the other side of the joint.

(C) Bituminous Curb.

(1) Preparation of Bed. When constructing bituminous curb on a fresh laid bituminous surface, the Contractor may lay the curb only after cleaning the surface.

When constructing the curb on a cured or aged portland cement concrete base, bituminous pavement or bituminous treated base, sweep and clean the bed thoroughly by compressed air. Dry the surface thoroughly. Immediately before placing the bituminous mixture, place tack coat of bituminous material of the type and grade accepted. The rate of application of the tack coat material shall be between 0.05 to 0.15 gallon per square yard of surface. In the application of this tack coat, prevent the spread of the tack coat to areas outside of the area of the curb.

(2) **Placing.** Construct bituminous curb by use of self-propelled automatic curber or curb machine or a paver with curbing attachments.

The automatic curb machine shall conform to following and accepted before its use:

(a) The weight of the machine shall be such that the Contractor gets the required compaction without the machine riding above the bed.

(b) The machine shall form curb that is uniform in texture, shape, and density.

(c) The Engineer may permit the construction of curb other than the automatic curb machine, when the contract requires short sections or sections with short radii or as warranted. The resulting curb shall conform to the curb produced by using the machine.

(3) **Painting and Sealing.** If the contract requires painting or sealing, paint or seal only on a curb that is clean and dry and reaches the ambient temperature.

(D) Resetting Curb and/or Gutter.

(1) **Salvage.** Carefully remove, store, and clean curb and/or gutter specified for resetting. Replace the existing curb and/or gutter that the Contractor:

(a) will reset and

(b) loses, damages, or destroys due to its operations or its failure to store and protect the existing curb and/or gutter.

(2) **Excavation.** Excavation and bedding shall conform to Subsection 609.03(A)(1) - Excavation.

(3) **Resetting.** Set the curb and/or gutter on a firm bed with the front top arris line conforming to the required line and grade. Set the sections of curb and/or gutter. The maximum opening between adjacent section shall be not more than 0.75 inch wide for the entire exposed top and face. Dress the ends of the curb and/or gutter necessary to meet this requirement at no cost to the State.

After setting the curb and/or gutter, fill the joints completely with mortar as specified.

(4) Backfilling. Refill the spaces in front and back of the curb and/or gutter to the required elevation with suitable material. Tamp this material thoroughly in layers of not over 6 inches in depth.

(5) Cutting and Fitting. Cutting and fitting may be necessary to install the curb and/or gutter at the locations ordered.

(E) Bituminous Gutter.

(1) Excavation. Excavate to the required depth and compact to a firm, even surface. Remove and replace soft and unsuitable material with suitable material. Compact the material thoroughly.

(2) Weed Killer. After completing the grading and compacting operations, spray the subgrade thoroughly with the non-emergent weed killer. The application shall be according to the manufacturer's recommendations.

(3) Base Course. Place and compact the base course material according to Section 304 - Aggregate Base Course.

(4) Prime Coat. Apply and protect the prime coat according to Section 408 - Prime Coat.

(5) Bituminous Material. Place and compact the bituminous material according to Section 401 - Asphalt Concrete Pavement and below. The equipment, lift thickness and compaction requirements will not apply to material placed on a 2:1 slope. Compact the mixture to a relative density of not less than 80 percent of the laboratory-compacted density using ASTM D 1561. The finished surface of the 2:1 slope shall be uniform in texture, without ruts, corrugations or other irregularities.

609.04 Method of Measurement. The Engineer will measure curb and/or gutter per linear foot. The Engineer will measure along the front face of the curb at the finished grade elevation. If the Engineer measures gutter separately, the Engineer will measure gutter along the front face of the gutter. The Engineer will not make deduction in gutter length for drainage appurtenances installed such as catch basins and drop inlets.

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

From	To	Measurement for Payment
Cast-In-Place Curb or Precast Curb	Cast-In-Place Curb and Gutter	Cast-In-Place Curb and Gutter
Cast-In-Place Curb and Gutter	Precast Curb and Cast-In-Place Gutter	Cast-In-Place Curb and Gutter
Cast-In-Place Curb and Gutter Type _____	Cast-In-Place Curb and Gutter Type _____	Cast-In-Place Curb and Gutter 1/2 of Transition to Each Type
Cast-In-Place Curb Type _____	Cast-In-Place Curb Type _____	Cast-In-Place Curb 1/2 of Transition to Each Type
Bridge Abutments	Cast-In-Place Curb and/or Gutter or Precast Curb or Lava Rock Curb	Cast-In-Place Curb and/or Gutter or Precast Curb or Lava Rock Curb
Bituminous Gutter	Cast-In-Place Curb and/or Gutter	Cast-In-Place Curb and/or Gutter
Bituminous Gutter Type _____	Bituminous Gutter Type _____	Bituminous Gutter 1/2 of Transition to Each Type

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

609.05 Basis of Payment. The Engineer will pay for the accepted curb and/or gutter at the contract unit price per linear foot.

The price includes full compensation for removing and disposing the existing curb and/or gutter; excavating; backfilling; installing reinforcing steel; furnishing, placing and compacting the bed course material; installing expansion joint material and weakened plane joint; and furnishing labor, materials, equipment, tools, and incidentals necessary to complete the work.

The Engineer will make payment under:

Pay Item	**Pay Unit**
Concrete Curb, Type _____	Linear Foot
Concrete Thru-Gutter, Type _____	Square Yards
Concrete Curb and Gutter, Type _____	Linear Foot"

END OF SECTION

Make the following Section a part of the Standard Specifications:

"SECTION 697 - PROJECT VEHICLES

697.01 Description. This section is for furnishing and maintaining vehicles for the use by Department personnel according to the contract.

697.02 General Requirements.

(A) Responsibility of the Contractor.

The Contractor shall:

(1) Maintain each vehicle in a good and safe operating condition,

(2) Provide labor and tools necessary for the repair and maintenance of vehicles, including supplies, responding to trouble calls and towing services, tune-ups, oil and lubrication works, replacement of tires, adjustments, and other related work at all times,

(3) Provide another vehicle as a replacement (in kind) whenever the Contractor detains the vehicle or a vehicle is damaged or inoperable due to an accident or other causes,

(4) Comply with State, City, and County safety ordinances, regulations, and inspections. The Contractor shall bear the cost of fees necessary to meet these requirements,

(5) (a) If the project vehicle is owned by the Contractor, see Subsection 103.09.

(b) If the project vehicle is a leased vehicle or a rental vehicle, provide insurance coverage including bodily injury liability; property damage liability; comprehensive loss or damages; collision or upset; or other damages.

Automobile bodily injury and property damage liability insurance shall not be less than the following limits:

Bodily Injury Liability:	$250,000 each person $500,000 each occurrence
Property Damage Liability:	$100,000 each occurrence

The Contractor shall submit to the Engineer within 15 days from the date of award of the contract, three copies each of insurance certification, stating that the Contractor has taken out the aforementioned coverages with the State of Hawaii named as additional insured.

(6) Provide license plates and bear the cost thereof, including fees and taxes in connection therewith.

(B) Responsibility of the Department.

(1) The Department will furnish gasoline and motor oil required for the daily operations.

(2) The Department will park vehicles after working hours at a location mutually agreed by the Department and the Contractor.

697.03 Delivery and Inspection. Deliver the vehicle to the aforementioned Highways Division Maintenance Yard. Deliver the vehicle on the Notice to Proceed date, or later if ordered by the Engineer.

The representative of the Contractor and the Department shall make a joint inspection of the vehicles before the Department accepts the vehicles. The Department shall document deficiencies found and the Contractor shall correct them as necessary.

697.04 Termination. Furnish and maintain the vehicle for the use by the Department for the contract period not to exceed 90 calendar days beyond the date of final inspection of the completed project by the Department.

697.05 Liquidated Damages. Time is of the essence. If the Contractor fails to furnish the vehicles within the time specified herein, the Engineer will sustain liquidated damages. The amount of such damages shall be $15.00 per unit for each and every calendar day including weekends and holidays. The Engineer may deduct such amount thereof from monies due or that may become due the Contractor under this contract.

697.06 Vehicles to be Furnished for this Project. The vehicles shall be new Type II and unmarked (1/2-ton pick-up truck, 2 wheel drive, 4 or 6 cylinder, gasoline powered, 3-speed automatic transmission, power steering, air conditioning).

697.07 Method of Measurement. The Engineer will measure the vehicles per month for the type and size specified.

697.08 Basis of Payment. The Engineer will pay for the accepted project vehicles at the contract unit price per month. Payment will be full compensation for the work prescribed in this Section and Subsection 109.02 - Scope of Payment.

The maximum unit prices allowable for the contract items of the types and sizes of project vehicles are $1,350.00 for two vehicles per month. If the proposal submitted by the bidder indicates an amount over the allowable maximum, the Engineer will adjust the 'Sum of all Items' in the proposal schedule. The Engineer will use the 'Sum of All Items' adjusted according to the foregoing. The bidder shall consider its proposal to have been submitted for the amount as reduced and adjusted according to herewith.

The Engineer will make payment under:

Pay Item	Pay Unit
Type II Vehicle (Not to Exceed $1,350.00 for Two Vehicles per Month)	Month"

END OF SECTION

GENERAL DECISION **HI020001** 01/10/2003 HI1

Date: January 10, 2003
General Decision Number **HI020001**

Superseded General Decision No. HI010001

State: Hawaii

Construction Type:
BUILDING
DREDGING
HEAVY
HIGHWAY
RESIDENTIAL

County(ies):
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	03/01/2002
1	03/08/2002
2	04/19/2002
3	05/03/2002
4	07/05/2002
5	08/02/2002
6	08/16/2002
7	09/06/2002
8	09/27/2002
9	10/04/2002
10	11/08/2002
11	11/15/2002
12	11/22/2002
13	01/03/2003
14	01/10/2003

COUNTY(ies):
STATEWIDE

ASBE0132A 08/30/1998

	Rates	Fringes
ASBESTOS WORKERS/INSULATORS Includes application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems. Also the application of firestopping material for wall openings and penetrations in walls, floors, ceilings and curtain walls.	26.50	14.89

BOIL0204A 10/01/1998

	Rates	Fringes
BOILERMAKERS	26.25	13.76

BRHI0001A 09/02/2002

	Rates	Fringes
BRICKLAYERS; Caulkers; Cement Block Layers; Cleaners; Pointers; and Stonemasons	25.92	16.72

BRHI0001B 09/02/2002

	Rates	Fringes
TERRAZZO WORKERS:		
Terrazzo Workers	26.17	16.72
Terrazzo Base Grinders	24.36	16.72
Terrazzo Floor Grinders and Tenders	22.81	16.72

BRHI0001C 09/03/2001

	Rates	Fringes
MARBLE MASONS	25.77	15.76

BRHI0001D 09/03/2001

	Rates	Fringes
TILE LAYERS (CERAMIC)	25.77	15.76
TILE LAYER FINISHERS (CERAMIC)	22.41	15.76

CARP0745A 03/04/2002

	Rates	Fringes
CARPENTERS:		
Carpenters; Hardwood Floor Layers; Patent Scaffold Erectors (14 ft. and over); Piledrivers; Pneumatic Nailers; Wood Shinglers; and Transit and/or Layout Man	30.90	15.45
Millwrights and Machine Erectors	31.15	15.45
Power Saw Operators (2 H.P. and over)	31.05	15.45

CARP0745B 03/04/2002

	Rates	Fringes
DRYWALL HANGERS	31.15	15.42
LATHERS	31.15	15.42

* ELEC1186A 08/18/2002

	Rates	Fringes
ELECTRICIANS:		
Electricians	31.70	6.54+30.6%
Technicians	32.65	6.54+30.6%
Cable Splicers	34.87	6.54+30.6%

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* ELEC1186B 08/18/2002

	Rates	Fringes
LINE CONSTRUCTION:		
Linemen	31.70	6.54+30.6%
Technicians	32.65	6.54+30.6%
Heavy Equipment Operators	28.53	6.54+30.6%
Cable Splicers	34.87	6.54+30.6%
Groundmen; Truck Drivers	23.78	6.54+30.6%

ELEV0126A 10/04/1999

	Rates	Fringes
ELEVATOR MECHANICS	34.65	6.935+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, Thanksgiving Day, Day after Thanksgiving Day and Christmas Day.

ENGI0003I 09/01/2002

	Rates	Fringes
POWER EQUIPMENT OPERATORS (Includes All Types of Paving):		
GROUP 1	28.59	16.53
GROUP 2	28.70	16.53
GROUP 3	28.87	16.53
GROUP 4	29.14	16.53
GROUP 5	29.45	16.53
GROUP 6	30.10	16.53
GROUP 7	30.42	16.53
GROUP 8	30.53	16.53
GROUP 9	30.64	16.53
GROUP 9A	30.87	16.53
GROUP 10	30.93	16.53
GROUP 10A	31.08	16.53
GROUP 11	31.25	16.53
GROUP 12	31.58	16.53
GROUP 12A	31.95	16.53
WAGE RATES FOR TUNNEL WORK:		
GROUP 1	28.89	16.53
GROUP 2	29.00	16.53
GROUP 3	29.17	16.53
GROUP 4	29.44	16.53
GROUP 5	29.75	16.53
GROUP 6	30.40	16.53
GROUP 7	30.72	16.53
GROUP 8	30.83	16.53
GROUP 9	30.94	16.53
GROUP 9A	31.17	16.53
GROUP 10	31.23	16.53
GROUP 10A	31.38	16.53

GROUP 11	31.53	16.53
GROUP 12	31.89	16.53
GROUP 12A	32.25	16.53

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

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

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

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

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

Service Engineer (Grease Rack); Screedman.

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

GROUP 7: Crusher Plant Engineer, Dozer (D-4, Case 450, John Deere 450, and similar); Dual Drum Mixer, Extend Lift; Hoist and/or Winch (2 drums); Loader (over 3 and 1/2 cu. yds. up to and including 6 yards.); Mechanical Finisher or Spreader Machine (asphalt), (Barber Greene and similar) (Screedman required); Mine or Shaft Hoist; Mobile Concrete Mixer (over 5 tons); Pipe Bending Machine (pipelines only); Pipe Cleaning Machine (tractor propelled and supported); Pipe Wrapping Machine

(tractor propelled and supported); Roller Operator (Asphalt); Self-Propelled Elevating Grade Plane; Slusher Operator; Tractor (with boom) (D-6, or similar); Trencher (over 6 feet and less than 200 h.p.); Water Tanker (pulled by Euclids, T-Pulls, DW-10, 20 or 21, or similar); Winchman (Stern Winch on Dredge).

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

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

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

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

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

GROUP 11: Automatic Slip Form Paver (concrete or asphalt); Band Wagon (in conjunction with Wheel Excavator); Cable-operated Crawler Cranes (over 25 tons but less than 50 tons); Cable-operated Power Shovel, Clamshell, Dragline and Backhoe (over 1 cu. yd. up to 7 cu. yds.); Gradall (over 1 cu. yds. up to 7 cu. yds.); DW-10, 20, etc. (Tandem); Earthmoving Machines (multiple

propulsion power units and 2 or more Scrapers) (up to and including 35 cu. yds.," struck" m.r.c.); Highline Cableway; Hydraulic Backhoe (over 2 cu. yds. up to and including 4 cu. yds.); Leverman; Lift Slab Machine; Loader (over 12 cu. yds); Master Boat Operator; Mobile Truck Crane Operator (over 25 tons but less than 50 tons); (Mobile Truck Crane Driver required); Pre-stress Wire Wrapping Machine; Self-propelled Boom-type Lifting Device (Center Mount) (over 25 tons m.r.c); Self-propelled Compactor (with multiple-propulsion power units); Single Engine Rubber Tired Earthmoving Machine (with Tandem Scraper); Tandem Cats; Trencher (pulling attached shield).

GROUP 12: Clamshell or Dipper Operator; Derricks; Drill Rigs; Multi-Propulsion Earthmoving Machines (2 or more Scrapers) (over 35 cu. yds "struck"m.r.c.); Operators (Derricks, Piledrivers and Cranes); Power Shovels and Draglines (7 cu. yds. m.r.c. and over); Self-propelled rubber-tired Earthmoving equipment (over 31 cu. yds.) (657B and similar); Wheel Excavator (up to and including 750 cu. yds. per hour); Wheel Excavator (over 750 cu.

yds. per hour).

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

HELICOPTER WORK:		
Pilot of Helicopter	32.76	16.53
Co-Pilot of Helicopter	32.59	16.53
Airborne Hoist Operator for Helicopter	32.45	16.53
DIVERS (AQUA LUNG) (SCUBA):		
Diver (Aqua Lung) (Scuba) (up to a depth of 30 feet)	43.28	16.53
Diver (Aqua Lung) (Scuba) (over a depth of 30 feet)	52.65	16.53
Stand-by Diver (Aqua Lung) (Scuba)	33.90	16.53
DIVERS (OTHER THAN AQUA LUNG):		
Diver (Other than Aqua Lung)	52.65	16.53
Stand-By Diver (Other than Aqua Lung)	33.90	16.53
Diver Tender (Other than Aqua Lung)	30.87	16.53

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

ENGI0003K 09/01/2002

	Rates	Fringes
TRUCK DRIVERS:		
GROUP 1	28.87	16.53+a
GROUP 2	29.14	16.53+a
GROUP 3	29.45	16.53+a
GROUP 4	30.10	16.53+a
GROUP 5	30.42	16.53+a
GROUP 6	30.53	16.53+a

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Utility, flatbed, or similar.
GROUP 2: Dump, 8 yards, and under (water level); water truck, up to and including 2,000 gallons.
GROUP 3: Tandem Dump, over 8 yards (water level); water truck (over 2,000 gallons).
GROUP 4: Semi-trailer, rock cans, or semi-dump.
GROUP 5: Slip-in or pup.
GROUP 6: End dumps (unlicensed); tractor trailer (hauling equipment).

a. An employee who has completed 1 but less than 2 years service- 1 week's paid vacation; 2 but less than 10 years service - 2 weeks paid vacation; 10 but less than 15 years service - 3 weeks paid vacation; and 15 or more years service - 4 weeks paid vacation.

ENGI0003L 09/01/2002

	Rates	Fringes
DREDGING:		
CLAMSHELL OR DIPPER DREDGES:		

GROUP 1	31.59	16.53
GROUP 2	30.93	16.53
GROUP 3	30.53	16.53
GROUP 4	28.87	16.53

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 DREDGES:

GROUP 1	31.23	16.53
GROUP 2	31.08	16.53
GROUP 3	30.93	16.53
GROUP 4	30.87	16.53
GROUP 5	30.53	16.53
GROUP 6	30.42	16.53
GROUP 7	28.87	16.53

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.

DERRICKS:

GROUP 1	31.59	16.53
GROUP 2	30.93	16.53
GROUP 3	30.53	16.53
GROUP 4	28.87	16.53

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.

BOAT OPERATORS:

Master Boat Operator	31.23	16.53
Boat Operator	31.08	16.53
Boat Deckhand	28.87	16.53

IRON0625A 09/02/2002

	Rates	Fringes

IRONWORKERS	27.00+a	20.81

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.

LABO0368A 09/03/2001

	Rates	Fringes
LABORERS:		
GROUP 1	22.85	11.20
GROUP 2	21.25	11.20
GROUP 3	23.85	11.20
GROUP 4	23.35	11.20
GROUP 5	22.35	11.20
GROUP 6	15.25	6.95
MASON TENDERS	23.10	11.20

LABORERS CLASSIFICATIONS

GROUP 1: Asbestos Removal Worker (EPA certified workers); Asphalt 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 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 Curer (impervious membrane and form oiler); 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 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, Concreting, and Asphalt; Curing of Concrete, 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; Driller (Track, Diamond Core, and Wagon); Driller (Joydrill Model TWM-2A, Gardner Denver DH-143 and similar type drills); Driller (Mechanical) (not

covered elsewhere) (including multiple unit); (Ingersoll-Rand DM45E/DM50E/LM-100/LM-600C, Gardner-Denver SCH2500/SCH3500BV, Furukawa HCR-C300, Tamrock Drilltech CHA800/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) (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); Falling, bucking, yarding, loading or burning of all trees or timber on construction site; Fence and/or Guardrail Erector; Forklift (9 ft. and under); Grating and Grill work for drains or other purposes; Green Cutter of concrete or aggregate in any form, by hand, mechanical means, grindstone or air and/or water; Grout: Spreading for any purpose; Guinea Chaser (Grade Checker) for general utility trenches, sitework, and excavation; Headerboard Man (Asphalt or Concrete); Heat Welder of Plastic (Laborers' AGC certified workers) (when work involves waterproofing for waterponds, artificial lakes and reservoir, or heat welding for sewer pipes); Heavy Highway Laborer (Rigging, signaling, handling, and installation of pre-cast catch basins, manholes, curbs and gutters); High Pressure Nozzleman - Hydraulic Monitor (over 100# pressure); Installation of Gilsulate 500XR; Jackhammer Operator; Jacking of slip forms; All semi and unskilled work connected therewithin; Laying of all multi-cell conduit or multi-purpose pipe; Magnesite and Mastic Workers (Wet or Dry)(including mixer operator); Mortar Man; Mortar Mixer (Block, Brick, Masonry, and Plastering); Nozzleman (Sandblasting and/or Water Blasting); 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; Sandblaster (Nozzleman) handling, placing and operation of nozzle; Scaffold Erector; Scaffolds: (Swing and hanging) including maintenance thereof; Scaler; Septic Tank/Cesspool and Drain Fields Digger and Installer; Shredder/Chipper (tree branches, brush, etc.); Stripping and Setting Forms; Stripping of Forms: Other than panel forms which are to be re-used in their original form, and stripping of forms on all flat arch work; Tampers (Barko, Wacker, and similar type); Tank Scaler and Cleaners; Tarman; Tree Climbers and Trimmers; Trencher (includes hand-held, Davis T-66 and similar type); Trucks (flatbed up to and including 2 1/2 tons when used in connection with on-site Laborers'work; Trucks (Refuse and Garbage Disposal) (from job site to dump); Vibra-Screed (Bull Float in connection with Laborers' work); Well Points, Installation of or any other dewatering system.

GROUP 2: Air Blasting; Appliance Handling (job site) (after delivery and unloading in storage area); Asphalt Laborer; Asphalt Plant Laborer; Backfill work connected with the installation of Gilsulate 500XR; Backfilling, Grading and all other labor connected therewith; Boring Machine; Bridge Laborer; Burning of all debris (crates, boxes, packaging waste materials); Cemetary Laborers; 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; Driller, 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: sweeeping, cleaning, washdown, wiping of construction facility, and equipment (other than "Light Clean-up" [Janitorial] Laborer); General Excavation and Grading (all labor connected therewith); Digging of trenches, ditches and manholes and the leveling, grading and other preparation prior to laying pipe or conduit for any purpose; Excavations and foundations for buildings, piers, foundations and holes, and all other construction; General Laborer; Gunite Operator; Junk Yard Laborers (same as Salvage Yard); Landscape Nursery Laborers; Laser Beam "Target Man" in connection with Laborers' work; Layout Person for Plastic (when work involves waterproofing for waterponds, artificial lakes and reservoirs); Limbers, Brush Loaders, and Pilers; Loading, Unloading, carrying, distributing and handling of all rods and material for use in reinforcing concrete construction (except when a derrick or outrigger operated by other than hand power is used); Loading, unloading, sorting, stockpiling, handling and distribution of water mains, gas mains and all pipes; Loading and unloading of all materials, fixtures, furnishings and appliances from point of delivery to stockkpile to point of installation; hooking and signalling from truck, conveyance or stockpile; Material Yard Laborers; Parks and Sports arenas and all recreational center employees; Pipelayer Tender; Pipewrapper, Caulker, Bander, Kettlemen, and men applying asphalt, Laykold, Creosote, and similar-type materials (pipe under 6 inches); Plasterer Laborer (including Hod Carrier); Preparation, construction and maintenance of roadbeds and sub-grade for all paving, including excavation, dumping, and spreading of sub-grade material; Prestressed or prescast 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; 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 therof, 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; Shipwright; 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.

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 Clean-Up.

LABO0368B 09/30/2002

	Rates	Fringes
LANDSCAPE AND IRRIGATION LABORERS:		
Group 1	17.66	5.47
Group 2	18.16	5.47
Group 3	14.51	5.47

LABORERS CLASSIFICATIONS

GROUP 1: Installation of non-potable permanent or temporary irrigation water systems performed for the purposes of Landscaping and Irrigation architectural horticultural work; the installation of drinking fountains and permanent or temporary irrigation systems using potable water for Landscaping and Irrigation architectural horticultural purposes only. This work includes (a) the installation of all heads, risers, valves, valve boxes, vacuum breakers (pressure and non-pressure), low voltage electrical lines and, provided such work involves electrical wiring that will carry 24 volts or less, the installation of sensors, master control panels, display boards, junction boxes, conductors, including all other components for controllers, (b) and metallic (copper, brass, galvanized, or similar) pipe, as

well as PVC or other plastic pipe including all work incidental thereto, i.e., unloading, handling and distribution of all pipes fittings, tools, materials and equipment, (c) all soldering work in connection with the above whether done by torch, soldering iron, or other means; (d) tie-in to main lines, thrust blocks (both precast and poured in place), pipe hangers and supports incidental to installation of the entire irrigation system, (e) making of pressure tests, start-up testing, flushing, purging, water balancing, placing into operation all irrigation

equipment, fixtures and appurtenances installed under this agreement, and (f) the fabrication, replacement, repair and servicing oflandscaping and irrigation systems. Operation of hand-held gas, air, electric, or self-powered tools and equipment used in the performance of Landscape and Irrigation work in connection with architectural horticulture; Choke-setting, signaling, and rigging for equipment operators on job-site in the performance of such Landscaping and Irrigation work; Concrete work (wet or dry) performed in connection with such Landscaping and Irrigation work. This work shall also include the setting of rock, stone, or riprap in connection with such Landscape, Waterscape, Rockscape, and Irrigation work; Grubbing, pick and shovel excavation, and hand rolling or tamping in connection with the performance of such Landscaping and Irrigation work; Sprigging, handseeding, and planting of trees, shrubs, ground covers, and other plantings and the performance of all types of gardening and horticultural work relating to said planting; Operation of flat bed trucks (up to and including 2 1/2 tons).

GROUP 2: Layout of irrigation and other non-potable irrigation water systems and the layout of drinking fountains and other potable irrigation water systems in connection with such Landscaping and Irrigation work. This includes the layout of all heads, risers, valves, valve boxes, vacuum breakers, low voltage electrical lines, hydraulic and electrical controllers, and metallic (coppers, brass, galvanized, or similar) pipe, as well as PVC or other plastic pipe. This work also includes the reading and interpretation of plans and specifications in connection with the layout of Landscaping, Rockscape, Waterscape, and Irrigation work; Operation of Hydro-Mulching machines (sprayman and driver), Drillers, Trenchers (riding type, Davis T-66, and similar) and fork lifts used in connection with the performance of such Landscaping and Irrigation work; Tree climbers and chain saw tree trimmers, Sporadic operation (when used in connection with Landscaping, Rockscape, Waterscape, and Irrigation work) of Skid-Steer Loaders (Bobcat and similar), Cranes (Bantam, Grove, and similar), Hoptos, Backhoes, Loaders, Rollers, and Dozers (Case, John Deere, and similar), Water Trucks, Trucks requiring a State of Hawaii Public Utilities Commission Type 5 and/or type 7 license, sit-down type and "gang" mowers, and other self-propelled, sit-down operated machines not listed under Landscape & Irrigation Maintenance Laborer; Chemical spraying using self-propelled power spraying equipment (200 gallon capacity or more).

GROUP 3: Maintenance of trees, shrubs, ground covers, lawns and

other planted areas, including the replanting of trees, shrubs, ground covers, and other plantings that did not "take" or which are damaged; provided, however, that re-planting that requires the use of equipment, machinery, or power tools shall be paid for at the rate of pay specified under Landscape and Irrigation Laborer, Group 1; Raking, mowing, trimming, and pruning, 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.

LABO0368C 09/04/2000

	Rates	Fringes
UNDERGROUND LABORERS:		
GROUP 1	21.45	10.74
GROUP 2	22.95	10.74
GROUP 3	23.45	10.74
GROUP 4	24.45	10.74
GROUP 5	24.80	10.74
GROUP 6	25.05	10.74
GROUP 7	25.50	10.74

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); 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); Sandblater-Potman (combination work assignment interchangeable); Tugger
GROUP 5: Shaft Work & Raise (below actual or excavated ground level); Diamond Driller; Gunite or Shotcrete Nozzleman

GROUP 6: Shifter
GROUP 7: Shifter (Shaft Work & Raiser)

PAIN1791A 07/01/2002

	Rates	Fringes
PAINTERS:		
Brush	26.55	19.35
Sandblaster; Spray	27.05	19.35

PAIN1889A 01/01/2001

	Rates	Fringes
GLAZIERS	23.07	17.30

PAIN1926B 02/25/2001

	Rates	Fringes
SOFT FLOOR LAYERS	22.90	15.50

PAIN1944A 01/01/2003

	Rates	Fringes
TAPERS	32.75	13.05

PLAS0630A 09/02/2002

	Rates	Fringes
PLASTERERS	26.71	16.72

PLAS0630B 09/02/2002

	Rates	Fringes
CEMENT MASONS:		
Cement Masons	25.87	16.72
Trowel Machine Operators	26.02	16.72

PLUM0675A 07/07/2002

	Rates	Fringes
PLUMBERS, PIPEFITTERS, STEAMFITTERS & SPRINKLER FITTERS	30.30	16.80

ROOF0221A 04/28/2002

	Rates	Fringes
ROOFERS	28.10	12.83

SHEE0293A 09/01/2002

	Rates	Fringes
SHEET METAL WORKERS	33.47	14.12

SUHI1001A 09/15/1997

	Rates	Fringes
DRAPERY INSTALLERS	13.60	1.20

SUHI2001A 09/15/1997

	Rates	Fringes
FENCE ERECTORS (Chain Link)	9.33	1.65

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

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

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

WAGE DETERMINATION APPEALS PROCESS

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

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

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

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

Branch of Construction Wage Determinations

Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

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

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

4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION

PROPOSAL SCHEDULE

ITEM NO.	DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
203.0100	Swale Construction, Project Site 7	50	CU. YD.	$_____	$_____
209.0100	Water Pollution and Erosion Control	F.A.	F.A.	F.A.	$ 200,000.00
401.0401	Asphalt Concrete Pavement, Mix No.IV, Project Sites 1-9	354	SQ. YD.	$_____	$_____
401.0402	Asphalt Concrete Pavement, Mix No.IV, Project Sites 10-20	372	SQ. YD.	$_____	$_____
603.1003	12-Inch Reinforced Concrete Pipe, Class III, Project Sites 10-20	22	LIN. FT.	$_____	$_____
603.1010	24-Inch Reinforced Concrete Pipe, Class III, Project Sites 1-9	115	LIN. FT.	$_____	$_____
604.0400	Adjusting Water Valve Box Frame and Cover, Project Sites 10-20	2	EACH	$_____	$_____
604.0430	Adjusting Water Meter Box Frame and Cover, Project Sites 1-9	1	EACH	$_____	$_____
604.0431	Adjusting Water Meter Box Frame and Cover, Project Sites 10-20	8	EACH	$_____	$_____
604.0432	Adjusting Water Manhole Frame and Cover, Project Sites 10-20	1	EACH	$_____	$_____
604.4660	Replace 2' x 4' Telephone Pull Box Frame and Cover, Project Sites 10-20	4	EACH	$_____	$_____
604.4661	Replace 3' x 5' Telephone Pull Box Frame and Cover, Project Sites 10-20	1	EACH	$_____	$_____
604.4662	Adjust 18" x 36" Telephone Pull Box Frame and Cover, Project Sites 10-20	1	EACH	$_____	$_____
604.4663	Adjust 2' x 6' Telephone Pull Box Frame and Provide New Polymer Concrete Cover, Project Sites 10-20	1	EACH	$_____	$_____
604.5000	Adjust Type "D" Catch Basin, Project Sites 10-20	1	EACH	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
604.5500	Type "A" Catch Basin, Ramp 8C	1	EACH	$ _____	$ _____
604.5600	Type "B" Catch Basin, Project Sites 10-20	1	EACH	$ _____	$ _____
604.6100	Type "A" Storm Drain Manhole, Project Sites 1-9	1	EACH	$ _____	$ _____
604.6200	Type "B" Storm Drain Manhole, Project Sites 1-9	1	EACH	$ _____	$ _____
608.1200	4-Inch Reinforced Concrete Sidewalk, Project Sites 1-9	150	SQ. YD.	$ _____	$ _____
608.1201	4-Inch Reinforced Concrete Sidewalk, Project Sites 10-20	299	SQ. YD.	$ _____	$ _____
609.2020	Concrete Curb, Type 2D, Project Sites 1-9	12	LIN. FT.	$ _____	$ _____
609.2021	Concrete Curb, Type 2D, Project Sites 10-20	458	LIN. FT.	$ _____	$ _____
609.2030	Concrete Thru Gutter, Project Sites 1-9	7	LIN. FT.	$ _____	$ _____
609.2720	Concrete Curb and Gutter, Type 2DG, Project Sites 1-9	55	LIN. FT.	$ _____	$ _____
610.0600	6-Inch Reinforced Concrete Driveway, Project Sites 1-9	17	SQ. YD.	$ _____	$ _____
610.0601	6-Inch Reinforced Concrete Driveway, Project Sites 10-20	163	SQ. YD.	$ _____	$ _____
621.5100	Relocate Existing Sign, Project Sites 1-9	1	EACH	$ _____	$ _____
621.5101	Relocate Existing Sign, Project Sites 10-20	6	EACH	$ _____	$ _____
621.7100	Construction Sign With Two Posts	8	EACH	$ _____	$ _____
622.0100	Remove and Relocate Existing Street Light Standard, Project Sites 1-9	1	EACH	$ _____	$ _____

PROPOSAL SCHEDULE

ITEM NO.	DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
622.0200	New Street Light Standard Concrete Foundation, Project Sites 1-9	1	EACH	$ _____	$ _____
622.0300	Demolish and Dispose of Existing Street Light Concrete Foundation, Project Sites 1-9	1	EACH	$ _____	$ _____
622.0400	Intercept Existing Street Light Conduit with New Street Light Type "A" Street Light Pullbox, Project Sites 1-9	1	EACH	$ _____	$ _____
622.0500	New Street Light Conduit and Cables to Match Existing between New Street Light Location and New Pullbox, Concrete Encased, Project Sites 1-9	10	EACH	$ _____	$ _____
622.0600	Adjust Existing Street Light Pullbox to New Finish Grade. Provide New Pullbox Cover, Project Sites 1-9	1	EACH	$ _____	$ _____
622.1011	Remove and Adjust Existing Street Light Standard Base Height. Project Sites 10-20	1	EACH	$ _____	$ _____
622.1030	Demolish and Dispose of Existing Street Light Concrete Foundation, Project Sites 1-9	1	EACH	$ _____	$ _____
622.1041	Intercept Existing Conduit with New 2' x 4' Handhole. Project Sites 10-20	1	EACH	$ _____	$ _____
622.1042	Replace Street Light Pullbox with 2' x 4' Handhole. Project Sites 10-20	1	EACH	$ _____	$ _____
622.1061	Adjust 36" x 32" Handhole to Match New Finish Sidewalk. Provide New Galvanized Checker Plate Cover, Project Sites 10-20	2	EACH	$ _____	$ _____
622.1062	Provide New Galvanized Checker Plate Cover, Existing 36" x 32" Handhole. Project Sites 10-20.	1	EACH	$ _____	$ _____

PROPOSAL SCHEDULE

ITEM NO.	DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.1010	Remove and Relocate Existing Type I Traffic Signal Standard, Project Sites 1-9	14	EACH	$ _____	$ _____
623.1011	Remove and Relocate Type I Traffic Signal Standard and Signal Heads, Project Sites 10-20	6	EACH	$ _____	$ _____
623.1020	Remove and Relocate Existing Type II Traffic Signal Standard, Project Site 1-9	2	EACH	$ _____	$ _____
623.1030	New Type I-10 Traffic Signal Standard, Project Sites 1-9	5	EACH	$ _____	$ _____
623.2007	New Pedestrian Pushbutton Pedestal with 2 Push Buttons, Project Sites 10-20	1	EACH	$ _____	$ _____
623.2008	New Pedestrian Pushbutton Pedestal with 1 Push Button, Project Sites 10-20	2	EACH	$ _____	$ _____
623.2010	New Type I Traffic Signal Standard Concrete Foundation, Project Sites 1-9	19	EACH	$ _____	$ _____
623.2011	New Foundation for Type I Signal Standard, Project Sites 10-20	5	EACH	$ _____	$ _____
623.2020	New Type II Traffic Signal Standard Concrete Foundation, Project Sites 1-9	2	EACH	$ _____	$ _____
623.2030	Demolish and Dispose of Existing Type I Traffic Signal Standard Concrete Foundation, Project Sites 1-9	15	EACH	$ _____	$ _____
623.2031	Remove and Relocate Type I Standard, and Demolish and Dispose of Existing Foundation, Project Sites 10-20	5	EACH	$ _____	$ _____
623.2032	Demolish and Dispose of Existing Pedestrian Foundation, Project Sites 10-20	1	EACH	$ _____	$ _____

PROPOSAL SCHEDULE

ITEM NO.	DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.2040	Demolish and Dispose of Existing Type II Traffic Signal Standard Concrete Foundation, Project Sites 1-9	2	EACH	$	$
623.3010	Remove and Relocate Existing Traffic Signal Head, Provide New Mounting Brackets and Equipment, Project Sites 1-9	18	EACH	$	$
623.3011	Relocate Existing Traffic Signal Head, Project Sites 10-20	1	EACH	$	$
623.3020	Remove and Relocate Existing Pedestrian Signal Head, Provide New Mounting Brackets and Equipment, Project Sites 1-9	22	EACH	$	$
623.3021	Remove and Relocate Existing Pedestrian Signal Head, Provide New Mounting Brackets and Equipment, Project Sites 10-20	10	EACH	$	$
623.3030	Remove and Relocate Existing Opticom Detector Head, Provide New Mounting Brackets and Equipment, Project Sites 1-9	1	EACH	$	$
623.4010	New Pedestrian Pushbutton with Instructional Sign, Provide Mounting Equipment, Project Sites 1-9	30	EACH	$	$
623.4011	New Pedestrian Pushbutton with Instructional Sign, Provide Mounting Equipment, Project Sites 10-20	15	EACH	$	$
623.4020	Remove and Dispose of Existing Pedestrian Pushbutton, Project Sites 1-9	30	EACH	$	$
623.4100	Loop Detector Sensing Unit, (6' x 6') Two Loops Per Lane, Project Sites 1-9	19	EACH	$	$
623.4101	Loop Detector Sensing Unit, (6' x 6') Four Loops Per Lane, Project Sites 1-9	14	EACH	$	$
623.4111	Loop Detector Sensing Unit, (6' x 6') Two Loops Per Lane, Project Sites 10-20	22	EACH	$	$

PROPOSAL SCHEDULE

ITEM NO.	DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.4112	Loop Detector Sensing Unit, (6' x 6') Four Loops Per Lane, Project Sites 10-20	8	EACH	$ _____	$ _____
623.4210	Remove and Dispose of Existing Pedestrian Pushbutton, Project Sites 10-20	13	EACH	$ _____	_____
623.5010	New Type "A" Traffic Signal Pullbox, Project Sites 1-9	1	EACH	$ _____	$ _____
623.5011	Demolish and Dispose of Existing Pullbox and Replace with New Type "A" Traffic Signal Pullbox, Project Sites 10-20	11	EA	$ _____	$ _____
623.5020	Demolish and Dispose of Existing Traffic Signal Pullbox, Replace with New Type "C" Traffic Signal Pullbox, Project Sites 1-9	1	EA	$ _____	$ _____
623.5021	Demolish and Dispose Existing Pullbox and Replace with New Type "C" Traffic Signal Pullbox, Project Sites 10-20	1	EA	$ _____	$ _____
623.5030	Adjust Existing Traffic Signal Pullbox to New Finish Grade, Project Sites 1-9	13	EA	$ _____	$ _____
623.5040	Adjust Existing Traffic Signal Standard to New Finish Grade, Project Sites 1-9	2	EA	$ _____	$ _____
623.5041	Replace Street Light Pullbox, Project Sites 10-20	1	EA	$ _____	$ _____
623.5060	Conduit Entries into Existing Pullbox, Repair Pullbox to Match Existing Condition, Project Sites 1-9	25	EA	$ _____	$ _____
623.6010	One 2-Inch PVC Schedule 40 Conduit, Concrete Encased Between Traffic Signal Standard and Pullbox, Provide Cables to Match Existing as Required, Project Sites 1-9	290	L.F.	$ _____	$ _____
623.6011	Traffic Signal Ductline, One 2-inch Conduit Trenching, Backfilling, Concrete Encasement, Project Sites 10-20	90	L.F.	$ _____	$ _____

PROPOSAL SCHEDULE

ITEM NO.	DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.6020	One 2-Inch PVC Schedule 40 Conduit, Concrete Encased, Project Sites 1-9	25	L.F.	$ _____	$ _____
623.6030	Four 2-Inch PVC Schedule 40 Conduit, Concrete Encased, Project Sites 1-9	35	L.F.	$ _____	$ _____
623.6041	1-2" PVC Ductline, Concrete Encased for Lighting System, Project Sites 10-20	40	L.F.	$ _____	$ _____
623.7010	No. 14, 26-Conductor with #8 Ground Traffic Signal Control Cable, Project Sites 1-9	35	L.F.	$ _____	$ _____
623.7011	No. 14, 26-Conductor with #8 Ground Traffic Signal Control Cable, Project Sites 10-20	100	L.F.	$ _____	$ _____
623.7020	No. 14, 2-Conductor Traffic Signal Detector Cable, Project Sites 1-9	85	L.F.	$ _____	$ _____
623.7030	Opticom, DRN-PRE Emption Cable, Project Sites 1-9	35	L.F.	$ _____	$ _____
623.7040	Remove and Dispose of Existing Traffic Signal Cable, Project Sites 1-9	110	L.F.	$ _____	$ _____
623.7041	No. 14, 5-Conductor Traffic Control Cable, Project Sites 10-20	100	L.F.	$ _____	$ _____
623.7051	No. 14, 2-Conductor Pedestrian Pushbutton Cable, Project Sites 10-20	380	L.F.	$ _____	$ _____
623.7061	3-#4, 1-#8 RHW-USE Conductor(s), Project Sites 10-20	240	L.F.	$ _____	$ _____
623.7062	Intercept Street Lighting Circuit with Type "C" Pullbox, Project Sites 10-20	1	EA	$ _____	$ _____

PROPOSAL SCHEDULE

ITEM NO.	DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.9010	Sawcutting and Repairing of Existing Concrete Sidewalk, Curb & Gutter and AC Pavement, Project Sites 1-9	25	L.F.	$ _____	$ _____
623.9071	Adjust Pullbox 36" x 32" to New Finish Grade, Project Sites 10-20	4	EA	$ _____	$ _____
623.9072	Replace Galvanized Handhole Cover, Project Sites 10-20	1	EA	$ _____	$ _____
623.9081	Replace Street Light Pullbox (2' x 4'), Project Sites 10-20	1	EA	$ _____	$ _____
623.9091	Regrout Traffic Signal Pole Base	3	EA	$ _____	$ _____
629.1060	10-Foot Wide Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion), Project Sites 1-9	94	LANE	$ _____	$ _____
629.1061	10-Foot Wide Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion), Project Sites 10-20	60	LANE	$ _____	$ _____
629.1070	20-Foot Wide Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion), Project Sites 10-20	7	LANE	$ _____	$ _____
636.0200	Maintenance of Field Office (Not to Exceed $36,000.00)	F.A.	F.A.	F.A.	$ 36,000.00
638.0100	Cellular Phone (Not to Exceed $1,250.00 for 2 phones)	L.S.	L.S.	L.S.	$ _____
645.0200	Additional Police Officers and/or Additional Traffic Control Devices	F.A.	F.A.	F.A.	$ 150,000.00
650.1000	Concrete Curb Ramp, Type "A", Project Sites 1-9	3	EACH	$ _____	$ _____
650.2000	Concrete Curb Ramp, Type "B", Project Sites 1-9	26	EACH	$ _____	$ _____
650.2001	Concrete Curb Ramp, Type "B", Project Sites 10-20	13	EACH	$ _____	$ _____

PROPOSAL SCHEDULE

ITEM NO.	DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
650.2051	Concrete Curb Ramp, Type "B" Modified, Project Sites 10-20	4	EACH	$ _____	$ _____
650.3000	Concrete Curb Ramp, Type "C", Project Sites 1-9	4	EACH	$ _____	$ _____
650.3001	Concrete Curb Ramp, Type "C", Project Sites 10-20	4	EACH	$ _____	$ _____
650.3500	Concrete Curb Ramp, Type "C" Modified, Project Sites 1-9	3	EACH	$ _____	$ _____
650.3501	Concrete Curb Ramp, Type "C" Modified, Project Sites 10-20	2	EACH	$ _____	$ _____
650.4000	Concrete Curb Ramp, Type "D", Project Sites 1-9	2	EACH	$ _____	$ _____
650.4001	Concrete Curb Ramp, Type "D", Project Sites 10-20	11	EACH	$ _____	$ _____
650.4500	Concrete Curb Ramp, Type "D" Modified, Project Sites 1-9	10	EACH	$ _____	$ _____
650.4501	Concrete Curb Ramp, Type "D" Modified, Project Sites 10-20	2	EACH	$ _____	$ _____
650.5001	Concrete Curb Ramp, Type "E", Project Sites 10-20	4	EACH	$ _____	$ _____
697.0100	Type II Project Vehicles (Not to Exceed $1,350.00 for 2 vehicles per month)	11	MONTH	$ _____	$ _____
699.1000	Mobilization (Not to Exceed 10% of the Sum of All Items Excluding the Bid Price of This Item, Maintenance of Field Office, Cellular Phones, Project Vehicles and Force Account Items)	L.S.	L.S.	L.S.	$ _____
					_____
a.	SUM OF ALL ITEMS				$ _____

PROPOSAL SCHEDULE

ITEM NO.	DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT

a. SUM OF ALL ITEMS (Brought Forward) $_____

b. Either Furnish Foreign Steel Not to Exceed Minimal Amount (Fill in '0')

Furnish Foreign Steel in Excess of Minimal Amount (Fill in 25% X a) $_____

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

All bidders must fill in b and complete c.

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