

CONSTRUCTION OF HONOLULU-PEARL HARBOR ROAD

ALA MONA BRIDGE TO KALANIANA'OLA AVENUE

FEDERAL AID URBAN PROJECT NO. U 44(9)

DISTRICT OF HONOLULU

JOB NO. 5420

(Opened 2 o'clock P. M., Wednesday, April 4, 1951)

First Advertised in Honolulu Star-Bulletin  
Issue of February 27, 1951

| Item No. | Item                                                         | Unit Used | Quantity | I. M. TANAKA                                            |              | HARRIS ENGINEERING CO., INC.                            |             | OMURA CONSTRUCTION CO., LTD.                            |              | SAS L. L. OLOPHE                                        |              | HARRIS ENGINEERING CO., INC.                            |              | TREASURY OF HAWAII |              |
|----------|--------------------------------------------------------------|-----------|----------|---------------------------------------------------------|--------------|---------------------------------------------------------|-------------|---------------------------------------------------------|--------------|---------------------------------------------------------|--------------|---------------------------------------------------------|--------------|--------------------|--------------|
|          |                                                              |           |          | Bid Bond \$2,500.00 + 2% of Amount Bid Over \$50,000.00 | Price        | Bid Bond \$2,500.00 + 2% of Amount Bid Over \$50,000.00 | Price       | Bid Bond \$2,500.00 + 2% of Amount Bid Over \$50,000.00 | Price        | Bid Bond \$2,500.00 + 2% of Amount Bid Over \$50,000.00 | Price        | Bid Bond \$2,500.00 + 2% of Amount Bid Over \$50,000.00 | Price        | Amount             |              |
| 2001     | Unclassified Excavation                                      | c. y.     | 4,100    | \$ 3.40                                                 | \$ 13,940.00 | \$ 1.80                                                 | \$ 7,380.00 | \$ 2.75                                                 | \$ 11,275.00 | \$ 3.43                                                 | \$ 14,063.00 | \$ 3.10                                                 | \$ 12,710.00 | \$ 3.50            | \$ 10,250.00 |
| 2002     | Unclassified Excavation for Structures Other than at Bridges | c. y.     | 3,900    | 3.25                                                    | 12,675.00    | 3.70                                                    | 14,430.00   | 3.20                                                    | 12,480.00    | 4.70                                                    | 18,330.00    | 3.10                                                    | 12,090.00    | 3.00               | 11,700.00    |
| 2006     | Borrow                                                       | c. y.     | 8,390    | 2.25                                                    | 18,877.50    | 1.47                                                    | 12,373.50   | 2.17                                                    | 18,189.50    | 2.25                                                    | 18,787.50    | 2.25                                                    | 18,787.50    | 2.00               | 16,780.00    |
| 2011     | Compacting Original Ground                                   | c. y.     | 18,500   | 0.10                                                    | 1,850.00     | 0.06                                                    | 1,110.00    | 0.10                                                    | 1,850.00     | 0.06                                                    | 1,110.00     | 0.05                                                    | 925.00       | 0.10               | 1,850.00     |
| 2013     | Sprinkling                                                   | M gal.    | 925      | 2.75                                                    | 2,543.75     | 2.50                                                    | 2,312.50    | 3.00                                                    | 2,775.00     | 2.50                                                    | 2,312.50     | 2.40                                                    | 2,280.00     | 2.50               | 2,312.50     |
| 2014     | Mineral Aggregate                                            | ton       | 10,800   | 5.00                                                    | 54,000.00    | 5.10                                                    | 55,080.00   | 4.17                                                    | 45,036.00    | 4.10                                                    | 44,280.00    | 4.20                                                    | 45,360.00    | 4.00               | 43,200.00    |
| 2015     | Filler                                                       | ton       | 2,575    | 5.00                                                    | 12,875.00    | 5.10                                                    | 13,135.00   | 4.60                                                    | 11,935.00    | 4.45                                                    | 12,973.75    | 5.20                                                    | 13,910.00    | 4.50               | 12,075.00    |
| 2016     | Liquid Asphaltic Primer                                      | gal.      | 9,500    | 0.11                                                    | 1,045.00     | 0.09                                                    | 855.00      | 0.10                                                    | 950.00       | 0.10                                                    | 950.00       | 0.10                                                    | 950.00       | 0.10               | 1,140.00     |
| 2017     | Emulsified Asphalt                                           | ton       | 1,400    | 2.64                                                    | 3,696.00     | 2.21                                                    | 3,094.00    | 2.22                                                    | 3,108.00     | 2.22                                                    | 3,108.00     | 2.22                                                    | 3,108.00     | 2.25               | 2,775.00     |
| 2020     | Asphalt Concrete Leveling Course, Type II                    | ton       | 3,750    | 8.57                                                    | 32,137.50    | 8.00                                                    | 30,000.00   | 8.52                                                    | 31,935.00    | 8.35                                                    | 31,312.50    | 8.50                                                    | 31,875.00    | 9.25               | 34,687.50    |
| 2030     | Asphalt Concrete Surface Course, Type III                    | ton       | 3,075    | 8.67                                                    | 26,666.25    | 8.40                                                    | 25,800.00   | 8.75                                                    | 26,906.25    | 8.55                                                    | 25,991.25    | 8.75                                                    | 26,906.25    | 9.35               | 28,731.25    |
| 2032     | Class "A-1" Concrete                                         | c. y.     | 20       | 8.67                                                    | 173.40       | 8.40                                                    | 168.00      | 8.75                                                    | 175.00       | 8.55                                                    | 171.00       | 8.75                                                    | 175.00       | 9.50               | 190.00       |
| 2033     | Class "A-1" Concrete Other than in Bridges                   | c. y.     | 1,270    | 34.00                                                   | 43,180.00    | 23.00                                                   | 29,140.00   | 23.00                                                   | 29,140.00    | 25.00                                                   | 31,750.00    | 27.00                                                   | 33,990.00    | 45.00              | 56,250.00    |
| 2036     | Reinforcing Steel Other than in Bridges                      | lb.       | 67       | 28.50                                                   | 1,906.50     | 45.00                                                   | 3,015.00    | 43.70                                                   | 2,927.90     | 45.90                                                   | 3,075.30     | 37.00                                                   | 2,479.00     | 45.00              | 7,335.00     |
| 2046     | 12" Concrete Pipe Culvert                                    | lin. ft.  | 53       | 0.138                                                   | 7.314        | 0.14                                                    | 7.420       | 0.137                                                   | 7.261        | 0.135                                                   | 7.178        | 0.14                                                    | 7.520        | 0.11               | 6.000        |
| 2047     | 18" Concrete Pipe Culvert                                    | lin. ft.  | 870      | 3.35                                                    | 2,905.50     | 4.00                                                    | 3,480.00    | 3.30                                                    | 2,895.00     | 3.30                                                    | 2,895.00     | 3.30                                                    | 2,895.00     | 4.00               | 3,720.00     |
| 2049     | 24" Standard Reinforced Concrete Pipe                        | lin. ft.  | 624      | 5.30                                                    | 3,307.20     | 6.00                                                    | 3,720.00    | 5.70                                                    | 3,546.00     | 5.55                                                    | 3,378.00     | 5.60                                                    | 3,336.00     | 4.00               | 2,088.00     |
| 2051     | 24" Standard Reinforced Concrete Pipe                        | lin. ft.  | 210      | 4.30                                                    | 903.00       | 4.70                                                    | 987.00      | 4.40                                                    | 924.00       | 4.70                                                    | 995.40       | 5.00                                                    | 1,050.00     | 5.00               | 1,050.00     |
| 2053     | 24" Standard Reinforced Concrete Pipe                        | lin. ft.  | 210      | 2.70                                                    | 567.00       | 3.25                                                    | 682.50      | 3.10                                                    | 651.00       | 3.25                                                    | 682.50       | 3.25                                                    | 682.50       | 3.25               | 682.50       |
| 2054     | Reinforcing Steel Other than in Bridges                      | lb.       | 300      | 0.80                                                    | 240.00       | 0.90                                                    | 270.00      | 0.85                                                    | 255.00       | 0.85                                                    | 255.00       | 0.85                                                    | 255.00       | 1.00               | 300.00       |
| 2055     | Warning Signs                                                | ea.       | 7        | 1.00                                                    | 7.00         | 1.00                                                    | 7.00        | 1.00                                                    | 7.00         | 1.00                                                    | 7.00         | 1.00                                                    | 7.00         | 1.00               | 7.00         |
| 2056     | Regulatory Signs                                             | ea.       | 42       | 30.00                                                   | 1,260.00     | 32.50                                                   | 1,365.00    | 40.00                                                   | 1,680.00     | 35.00                                                   | 1,470.00     | 40.00                                                   | 1,680.00     | 40.00              | 1,680.00     |
| 2058     | Centerline Monuments                                         | lin. ft.  | 1,850    | 0.86                                                    | 1,591.00     | 1.00                                                    | 1,850.00    | 0.85                                                    | 1,572.50     | 0.85                                                    | 1,572.50     | 0.85                                                    | 1,572.50     | 1.00               | 1,850.00     |
| 2109     | Standard C&G Street Survey Monuments                         | ea.       | 7        | 35.00                                                   | 245.00       | 30.00                                                   | 210.00      | 35.00                                                   | 245.00       | 35.00                                                   | 245.00       | 35.00                                                   | 245.00       | 35.00              | 245.00       |
| 2109A    | Reinforcing C&G Street Survey Monuments                      | ea.       | 2        | 35.00                                                   | 70.00        | 25.00                                                   | 87.50       | 25.00                                                   | 87.50        | 25.00                                                   | 87.50        | 25.00                                                   | 87.50        | 25.00              | 87.50        |
| 2111     | Federal Aid Markers                                          | ea.       | 2        | 35.00                                                   | 70.00        | 25.00                                                   | 87.50       | 25.00                                                   | 87.50        | 25.00                                                   | 87.50        | 25.00                                                   | 87.50        | 25.00              | 87.50        |
| 2118     | Plain Concrete Sidewalk                                      | sq. ft.   | 38,000   | 35.00                                                   | 1,330.00     | 40.00                                                   | 1,520.00    | 35.00                                                   | 1,330.00     | 35.00                                                   | 1,225.00     | 35.00                                                   | 1,225.00     | 35.00              | 1,225.00     |
| 2119     | Reinforced Concrete Sidewalk                                 | sq. ft.   | 4,800    | 0.52                                                    | 2,496.00     | 0.54                                                    | 2,592.00    | 0.49                                                    | 2,352.00     | 0.49                                                    | 2,352.00     | 0.49                                                    | 2,352.00     | 0.49               | 2,352.00     |
| 2122     | Adjusting Manholes                                           | ea.       | 53       | 35.00                                                   | 1,855.00     | 45.00                                                   | 2,385.00    | 78.00                                                   | 4,134.00     | 40.00                                                   | 2,120.00     | 24.00                                                   | 1,272.00     | 25.00              | 1,325.00     |
| 2123     | Sodded Media Strip                                           | ea.       | 71,300   | 0.09                                                    | 6,417.00     | 0.09                                                    | 6,417.00    | 0.077                                                   | 5,490.10     | 0.095                                                   | 6,773.50     | 0.08                                                    | 5,704.00     | 0.12               | 8,556.00     |
| 2181     | Type "M" Manhole Frame and Cover                             | ea.       | 2        | 35.00                                                   | 70.00        | 33.00                                                   | 66.00       | 33.00                                                   | 66.00        | 33.00                                                   | 66.00        | 33.00                                                   | 66.00        | 33.00              | 66.00        |
| 2182     | Type "M" Manhole Frame and Cover                             | ea.       | 32       | 33.00                                                   | 1,056.00     | 33.00                                                   | 1,056.00    | 33.00                                                   | 1,056.00     | 33.00                                                   | 1,056.00     | 33.00                                                   | 1,056.00     | 33.00              | 1,056.00     |
| 2201     | Portland Cement Concrete Pavement                            | sq. ft.   | 4,620    | 0.35                                                    | 1,617.00     | 0.37                                                    | 1,709.40    | 0.35                                                    | 1,617.00     | 0.35                                                    | 1,617.00     | 0.35                                                    | 1,617.00     | 0.35               | 1,617.00     |
| 2202     | Salvaging Existing Lava Rock Curb                            | lin. ft.  | 5,000    | 1.94                                                    | 9,700.00     | 2.05                                                    | 10,300.00   | 1.94                                                    | 9,700.00     | 1.94                                                    | 9,700.00     | 1.94                                                    | 9,700.00     | 1.94               | 9,700.00     |
| 2203     | Cast-in-Place Concrete Median Strip Curb, Type "M"           | lin. ft.  | 1,500    | 2.51                                                    | 3,765.00     | 2.25                                                    | 3,375.00    | 2.45                                                    | 3,675.00     | 2.45                                                    | 3,675.00     | 2.45                                                    | 3,675.00     | 2.45               | 3,675.00     |
| 2204     | Cast-in-Place Concrete Median Strip Curb, Type "M"           | lin. ft.  | 505      | 2.51                                                    | 1,270.05     | 2.10                                                    | 1,060.50    | 2.10                                                    | 1,060.50     | 2.10                                                    | 1,060.50     | 2.10                                                    | 1,060.50     | 2.10               | 1,060.50     |
| 2205     | Cast-in-Place Concrete Median Strip Curb, Type "M"           | lin. ft.  | 230      | 2.51                                                    | 577.25       | 2.10                                                    | 483.00      | 2.10                                                    | 483.00       | 2.10                                                    | 483.00       | 2.10                                                    | 483.00       | 2.10               | 483.00       |
| 2206     | Cast-in-Place Concrete Median Strip Curb, Type "M"           | lin. ft.  | 135      | 3.90                                                    | 526.50       | 3.00                                                    | 405.00      | 3.40                                                    | 459.00       | 3.30                                                    | 429.00       | 3.50                                                    | 472.50       | 1.80               | 1,093.00     |
| 2207     | Cast-in-Place Concrete Median Strip Curb, Type "M"           | lin. ft.  | 1,200    | 1.74                                                    | 2,088.00     | 1.65                                                    | 1,980.00    | 1.95                                                    | 2,340.00     | 1.75                                                    | 2,100.00     | 1.90                                                    | 2,280.00     | 1.40               | 1,180.00     |
| 2208     | Cast-in-Place Concrete Median Strip Curb, Type "M"           | lin. ft.  | 5,250    | 1.97                                                    | 10,342.50    | 2.15                                                    | 11,287.50   | 2.25                                                    | 11,737.50    | 2.25                                                    | 11,737.50    | 2.25                                                    | 11,737.50    | 2.25               | 11,737.50    |
| 2209     | Cast-in-Place Concrete Median Strip Curb, Type "M"           | lin. ft.  | 910      | 2.10                                                    | 1,911.00     | 2.00                                                    | 1,818.00    | 2.10                                                    | 2,007.00     | 2.10                                                    | 2,007.00     | 2.10                                                    | 2,007.00     | 2.10               | 2,007.00     |
| 2210     | Reconstructed Chain Link Fence                               | ea.       | 1        | 825.00                                                  | 825.00       | 600.00                                                  | 600.00      | 825.00                                                  | 825.00       | 825.00                                                  | 825.00       | 825.00                                                  | 825.00       | 825.00             | 825.00       |
| 2211     | Chain Link Gate 36" x 48" Wide                               | ea.       | 1        | 1.15                                                    | 1,150.00     | 1.00                                                    | 1,000.00    | 1.15                                                    | 1,275.00     | 1.15                                                    | 1,275.00     | 1.15                                                    | 1,275.00     | 1.15               | 1,275.00     |
| 2212     | Chain Link Gate 36" x 48" Wide                               | ea.       | 1        | 1.15                                                    | 1,150.00     | 1.00                                                    | 1,000.00    | 1.15                                                    | 1,275.00     | 1.15                                                    | 1,275.00     | 1.15                                                    | 1,275.00     | 1.15               | 1,275.00     |
| 2213     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 1,550    | 1.15                                                    | 1,782.50     | 1.20                                                    | 1,860.00    | 0.75                                                    | 1,162.50     | 1.05                                                    | 1,575.00     | 1.05                                                    | 1,575.00     | 1.05               | 1,575.00     |
| 2214     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 7,100    | 0.015                                                   | 106.50       | 0.03                                                    | 213.00      | 0.045                                                   | 319.50       | 0.02                                                    | 102.00       | 0.01                                                    | 1,375.00     | 1.00               | 1,375.00     |
| 2215     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2216     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2217     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2218     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2219     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2220     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2221     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2222     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2223     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2224     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2225     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2226     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2227     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2228     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2229     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2230     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2231     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    | 855.00       | 5.00               | 2,000.00     |
| 2232     | Reinforcing Existing Concrete Pipe Culvert                   | lin. ft.  | 40       | 5.00                                                    | 2,000.00     | 1.00                                                    | 400.00      | 1.55                                                    | 620.00       | 1.95                                                    | 880.00       | 1.90                                                    |              |                    |              |