

CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

SUMMARY

PRICE INDEX FOR SELECTED HIGHWAY CONSTRUCTION ITEMS

1ST QUARTER ENDING MARCH 31, 2000

|  |        |
|--|--------|
| Index this quarter                     | 162.7  |
| .....                                  |        |
| Point change from last quarter         | +47.5  |
| .....                                  |        |
| Percentage change from last quarter    | +41.2% |
| .....                                  |        |
| Index last 12 months                   | 148.1  |
| .....                                  |        |
| Point change from previous report      | +8.9   |
| .....                                  |        |
| Percentage change from previous report | +6.4%  |
| .....                                  |        |

|   |      |
|---|------|
| Average number of bidders this quarter        | 6.5  |
| .....   |      |
| Change in number of bidders from last quarter | -0.1 |
| .....   |      |

*NOTE: All information shown in this publication was assembled using 1987 base year.*

CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**HIGHWAY CONSTRUCTION COST INDEX**  
FIRST QUARTER ENDING MARCH, 2000

Prepared by the Engineering Service Center, Office of Office Engineer

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**NOTE:** *All information shown in the publication was assembled using 1987 base year*

The California Highway Construction Cost Index for the first quarter of 2000 stands at 162.7, up 47.5 points (41.2 percent) from the fourth quarter of 1999 index of 115.2. The Index for the year-to-date (April 1, 1999 through March 31, 2000) is 148.1, up 8.9 points (6.4 percent) from the fourth quarter 1999 year-to-date index of 139.2.

Cost decreases were recorded in Bar Reinforcing Steel and Structural Steel. Cost increases were recorded in Roadway Excavation, Aggregate Base, Asphalt Concrete Pavement, Portland Cement Concrete (Pavement), and Portland Cement Concrete (Structure).

The average number of bidders per project in the first quarter of 2000 was 6.5, down 0.1 bidder per project as compared to 6.6 for the fourth quarter of 1999 and down 0.1 as compared to 6.6 for the corresponding quarter in 1999.

The project values which provided the input for the preparation of this quarter's index are distributed as follows:

| RANGE     |     |           | NUMBER<br>OF<br>PROJECTS | %      | AMOUNTS OF<br>PROJECTS | %      |
|-----------|-----|-----------|--------------------------|--------|------------------------|--------|
| UP        | TO  | 50,000    | 0                        | 0.00   | \$0                    | 0.00   |
| 50,000    | TO  | 100,000   | 6                        | 4.17   | \$509,833              | 0.11   |
| 100,000   | TO  | 250,000   | 35                       | 24.31  | \$6,596,025            | 1.36   |
| 250,000   | TO  | 500,000   | 25                       | 17.36  | \$8,930,209            | 1.84   |
| 500,000   | TO  | 1,000,000 | 28                       | 19.44  | \$19,682,421           | 4.05   |
| 1,000,000 | TO  | 2,500,000 | 21                       | 14.58  | \$29,256,742           | 6.03   |
| 2,500,000 | TO  | 5,000,000 | 10                       | 6.94   | \$33,179,130           | 6.84   |
| 5,000,000 | AND | ABOVE     | 19                       | 13.20  | \$387,106,104          | 79.77  |
| TOTAL     |     |           | 144                      | 100.00 | \$485,260,464          | 100.00 |

There were nineteen contracts over \$5,000,000 opened during the first quarter. The Projects include:

1. Rehabilitate Roadway in Riverside County in Temecula and Murrieta on Route 15 from Temecula River Bridge to 0.9 kilometer South of Route 15/215 Separation. The low bid of \$5,034,586.00 was submitted by R J Noble Company.
2. Rehabilitate Pavement in Los Angeles County in Los Angeles and Culver City on Route 405 from 0.1 kilometer South of Slauson Avenue Undercrossing to Constitution Avenue Undercrossing. The low bid of \$5,276,756.00 was submitted by Chumo Construction, Incorporated.
3. Rehabilitate and Resurface Roadway in Humboldt County on Route 101 from 0.9 kilometer North of Myers Flat Separation to South Fork Eel River Bridge. The low bid of \$5,614,884.00 was submitted by Mercer Fraser Company.
4. Rehabilitate Pavement in San Benito County on Route 101 from Monterey County Line to Santa Clara County Line. The low bid of \$5,956,965.00 was submitted by Pavex Construction Division.
5. Asphalt Concrete Surfacing and Reconstruct Guardrail in San Luis Obispo County in and near Pismo Beach on Route 101 from Pismo Overhead to San Luis Obispo Creek Bridge. The low bid of \$6,410,368.00 was submitted by Granite Construction Company.
6. Rehabilitate Pavement in San Bernardino County in Victorville on Route 15 from South Junction Route 18 to 0.1 kilometer North of Stoddard Wells Road Overcrossing. The low bid of \$6,958,730.00 was submitted by E L Yeager Construction Company, Incorporated.
7. Rehabilitate Pavement in Los Angeles County in Downey, Norwalk, Santa Fe Springs, Whittier, Pico Rivera, City of Industry, and Baldwin Park on Route 605 from Firestone Boulevard Undercrossing to Rivergrade Overhead. The low bid of \$7,621,369.00 was submitted by Banshee Construction Company, Incorporated.
8. Realign Highway and Surface with Asphalt Concrete in Kern County near Mojave on Route 58 from Cameron Road Overcrossing to Cache Creek Bridge. The low bid of \$8,410,694.00 was submitted by Granite Construction Company.
9. Rehabilitate Pavement in San Bernardino County near Baker on Route 15 from 0.3 kilometer South of Razor Road Overcrossing to 0.1 kilometer North of East Baker Overcrossing. The low bid of \$8,833,233.00 was submitted by Granite Construction Company.
10. Construct Detour with Bridge and Retaining Walls in Santa Clara County in San Jose on Route 87 from Taylor Street to North of Route 880 Overcrossing. The low bid of \$9,621,439.50 was submitted by O C Jones and Sons, Incorporated.
11. Replace Drainage Systems and Roadway Structural Sections along Shoulders in Los Angeles County in Southgate, Paramount, and Downey on Route 105 from 0.6 kilometer West of Garfield Avenue to 0.3 kilometer East of Woodruff Avenue and at the LAX Hub Communication Building. The low bid of \$9,868,564.00 was submitted by Ortiz Enterprises, Incorporated.
12. Widen Freeway in Contra Costa County near Hercules on Route 4 from 0.5 kilometer to 2.3 kilometers East of East Hercules Underpass. The low bid of \$9,972,479.00 submitted by De Silva Gates Construction.

13. Construct Truck Climbing Lane, Widen Undercrossing and Place Asphalt Concrete Overlay in El Dorado County on Route 50 from 1.0 kilometer East of El Dorado Hills Boulevard to East Placerville Road Undercrossing. The low bid of \$10,575,783.00 was submitted by Teichert Construction.
14. Widen Freeway in Alameda County in Oakland and Emeryville on Route 880 at Distribution Structure and on Route 80 from 1.0 kilometer East of Port of Oakland Connector Viaduct to 0.4 kilometer West of the Powell Street Undercrossing. The low bid of \$11,131,560.50 was submitted by R and L Brosamer, Incorporated.
15. Widen Highway in Mono County near Lee Vining on Route 395 from 2.4 kilometers South of South Junction Route 120 to 1.0 kilometer North of North Junction Route 120. The low bid of \$17,723,654.00 was submitted by E L Yeager Construction Company, Incorporated.
16. Seismic Retrofit and Radio Rebroadcast System in Alameda County in Alameda and Oakland on Route 260 at Webster Street Tube and Posey Tube. The low bid of \$19,385,930.00 was submitted by West Coast Bridge, Incorporated.
17. Seismic Retrofit Bridge in Mendocino County in Fort Bragg on Route 1 from 0.5 kilometer South of Noyo River Bridge to 0.6 kilometer North of Noyo River Bridge. The low bid of \$21,888,889.00 was submitted by M C M Construction, Incorporated.
18. Widen Freeway in Santa Clara County in San Jose on Route 87 from 0.5 kilometer South of Coleman Avenue to 0.2 kilometer North of Mission Street. The low bid of \$28,982,874.10 was submitted by Granite and Myers.
19. Replace Westbound Carquinez Bridge and Overhead in Contra Costa and Solano Counties at Crockett and in Vallejo on Route 80 from 1.1 kilometers South of U.P.R.R Overcrossing to 0.4 kilometer North of Route 80/29 Separation. The low bid of \$187,837,346.00 was submitted by F C I Constructors, Incorporated Cleveland Bridge.

The Federal Highway Administration Price Trends for Federal-Aid Highway Construction are based on information received for Federal-Aid construction contracts over \$500,000. Effective the first quarter of 1990 the Federal Highway Administration converted their index to 1987=100 base. The composite index for selected construction items the fourth quarter of 1999 is 144.1, up 12.3 points from 131.8 the third quarter of 1999.

The Engineering News-Record's Construction Cost Index average for the first quarter of 2000 is 573.8, up 3.2 points from 570.6 last quarter. Their price index uses a 1967=100 base.

The U. S. Bureau of Labor Statistics' Consumer Price Index average for the first quarter 2000 is 171.1, for U. S. City average of all Urban Consumers, up 2.8 points from 168.3 last quarter. Their Price Index uses a 1982-84=100 base.

The California Highway Construction Cost Indices and the Federal Highway Administration Composite Indices for selected construction items are based on 1987=100 and are shown on the accompanying graph (Exhibit D). The indices plotted are on a yearly average basis, which describes the trends more clearly by smoothing out the fluctuations between the individual quarters.

**Construction item costs based on English units.**

Roadway Excavation - \$6.32 per cubic yard

The price increased \$3.08 from the average unit price of \$3.24 per cubic yard last quarter. Unit bid prices ranged from \$3.82 to \$764.55 per cubic yard.

Aggregate Base - \$13.62 per ton

The price increased \$1.40 from the average unit price of \$12.22 per ton last quarter. Unit bid prices ranged from \$8.85 to \$193.15 per ton.

Asphalt Concrete Pavement -\$43.83 per ton

The unit price increased \$4.00 from the average unit price of \$39.83 per ton last quarter. Unit prices ranged from \$25.85 to \$698.53 per ton.

Portland Cement Concrete (Pavement) - \$116.91 per cubic yard

The unit price increased \$21.06 from the average unit price of \$95.85 per cubic yard last quarter. Unit prices ranged from \$100.92 to \$184.56 per cubic yard.

Portland Cement Concrete (Structure) - \$465.68 per cubic yard

The unit price increased \$200.76 from the average unit price of \$264.92 per cubic yard last quarter. Unit prices ranged \$210.25 to \$1,529.11 per cubic yard.

Bar Reinforcing Steel - \$0.51 per pound

The unit price decreased \$0.05 from the average unit price of \$0.56 per pound last quarter. Unit prices ranged from \$0.45 to \$2.31 per pound.

Structural Steel - \$3.37 per pound

The unit price decreased \$1.25 from the average unit price of \$4.62 per pound last quarter. Unit prices ranged from \$1.36 to \$9.07 per pound.

**Construction item costs based on Metric units.**

Roadway Excavation - \$8.27 per cubic meter

The price increased \$4.04 from the average unit price of \$4.23 per cubic meter last quarter. Unit bid prices ranged from \$5.00 to \$1,000.00 per cubic meter.

Aggregate Base - \$15.02 per tonn

The price increased \$1.55 from the average unit price of \$13.47 per tonn last quarter. Unit bid prices ranged from \$9.76 to \$212.91 per tonn.

Asphalt Concrete Pavement \$48.31 per tonn

The unit price increased \$4.40 from the average unit price of \$43.91 per tonn last quarter. Unit prices ranged from \$28.50 to \$770.00 per tonn.

Portland Cement Concrete (Pavement) - \$152.91 per cubic meter

The unit price increased \$27.54 from the average unit price of \$125.37 per cubic meter last quarter. Unit prices ranged from \$132.00 to \$241.40 per cubic meter.

Portland Cement Concrete (Structure) - \$609.09 per cubic meter

The unit price increased \$262.58 from the average unit price of \$346.51 per cubic meter last quarter. Unit prices ranged \$275.00 to \$2,000.00 per cubic meter.

Bar Reinforcing Steel - \$1.13 per kilogram

The unit price decreased \$0.09 from the average unit price of \$1.22 per kilogram last quarter. Unit prices ranged from \$1.00 to \$5.10 per kilogram.

Structural Steel - \$7.43 per kilogram

The unit price decreased \$2.76 from the average unit price of \$10.19 per kilogram last quarter. Unit prices ranged from \$3.00 to \$20.00 per kilogram.

EXHIBIT A

PRICE INDEX FOR SELECTED  
CALIFORNIA CONSTRUCTION ITEMS  
1987 = 100

| <u>YEAR</u>        | <u>QTRLY</u> | <u>LAST 12 MONTHS</u> | <u>ANNUAL</u> |
|--------------------|--------------|-----------------------|---------------|
| 1972               |              |                       | 30.0          |
| 1973               |              |                       | 31.2          |
| 1974               |              |                       | 45.6          |
| 1975               |              |                       | 46.7          |
| 1976               |              |                       | 47.7          |
| 1977               |              |                       | 53.7          |
| 1978               |              |                       | 62.1          |
| 1979               |              |                       | 80.1          |
| 1980               |              |                       | 82.1          |
| 1981               |              |                       | 90.6          |
| 1982               |              |                       | 81.3          |
| 1983               |              |                       | 81.9          |
| 1984               |              |                       | 93.3          |
| 1985               |              |                       | 92.7          |
| 1986               |              |                       | 95.0          |
| 1987               |              |                       | 100.0         |
| 1988               |              |                       | 104.4         |
| 1989               |              |                       | 111.3         |
| 1990               |              |                       | 113.5         |
| 1991               |              |                       | 108.2         |
| 1992 (1st Quarter) | 122.8        | 111.5                 |               |
| 1992 (2nd Quarter) | 108.9        | 114.3                 |               |
| 1992 (3rd Quarter) | 104.8        | 111.4                 |               |
| 1992 (4th Quarter) | 97.2         |                       |               |
| (Year)             |              |                       | 106.8         |
| 1993 (1st Quarter) | 100.7        | 103.0                 |               |
| 1993 (2nd Quarter) | 139.5        | 104.7                 |               |
| 1993 (3rd Quarter) | 126.4        | 107.1                 |               |
| 1993 (4th Quarter) | 121.8        |                       |               |
| (Year)             |              |                       | 113.1         |
| 1994 (1st Quarter) | 134.7        | 129.5                 |               |
| 1994 (2nd Quarter) | 131.9        | 126.2                 |               |
| 1994 (3rd Quarter) | 114.8        | 120.2                 |               |
| 1994 (4th Quarter) | 113.3        |                       |               |
| (Year)             |              |                       | 119.0         |
| 1995 (1st Quarter) | 104.3        | 111.8                 |               |
| 1995 (2nd Quarter) | 130.8        | 110.5                 |               |
| 1995 (3rd Quarter) | 127.8        | 113.3                 |               |
| 1995 (4th Quarter) | 125.9        |                       |               |
| (Year)             |              |                       | 115.0         |
| 1996 (1st Quarter) | 111.7        | 116.3                 |               |
| 1996 (2nd Quarter) | 119.3        | 115.7                 |               |
| 1996 (3rd Quarter) | 118.2        | 115.8                 |               |
| 1996 (4th Quarter) | 150.9        |                       |               |
| (Year)             |              |                       | 119.2         |
| 1997 (1st Quarter) | 157.0        | 124.7                 |               |
| 1997 (2nd Quarter) | 108.2        | 119.6                 |               |
| 1997 (3rd Quarter) | 144.8        | 125.4                 |               |
| 1997 (4th Quarter) | 155.1        |                       |               |
| (Year)             |              |                       | 124.8         |
| 1998 (1st Quarter) | 113.0        | 120.1                 |               |
| 1998 (2nd Quarter) | 131.6        | 130.4                 |               |
| 1998 (3rd Quarter) | 162.8        | 133.3                 |               |
| 1998 (4th Quarter) | 126.5        |                       |               |
| (Year)             |              |                       | 128.6         |
| 1999 (1st Quarter) | 129.4        | 133.5                 |               |
| 1999 (2nd Quarter) | 140.3        | 136.4                 |               |
| 1999 (3rd Quarter) | 174.5        | 136.6                 |               |
| 1999 (4th Quarter) | 115.2        |                       |               |
| (Year)             |              |                       | 139.2         |
| 2000 (1st Quarter) | 162.7        | 148.1                 |               |



EXHIBIT B  
ENGLISH UNITS  
CALIFORNIA DEPARTMENT OF TRANSPORTATION  
AVERAGE HIGHWAY  
CONTRACT PRICES

|                  | <u>ROADWAY<br/>EXCAVATION<br/>" 1 "</u><br><u>PER CU YD</u> | <u>AGGREGATE<br/>BASE</u><br><u>PER TON</u> | <u>ASPHALT<br/>CONCRETE<br/>PAVEMENT</u><br><u>PER TON</u> | <u>PCC<br/>PAVEMENT</u><br><u>PER CU YD</u> | <u>CLASS "A"<br/>PCC<br/>STRUCTURE</u><br><u>PER CU YD</u> | <u>BAR<br/>REINFORCING<br/>STEEL</u><br><u>PER LB</u> | <u>STRUCTURAL<br/>STEEL<br/>" 2 "</u><br><u>PER LB</u> |
|------------------|---|---|--|---|--|---|--|
| 1972 .....       | 0.95  | 3.21  | 8.22   | 19.23                                       | 82.08  | 0.159   | 0.446  |
| 1973 .....       | 0.75  | 3.14  | 9.02   | 19.24                                       | 93.60  | 0.169   | 0.635  |
| 1974 .....       | 1.26  | 4.23  | 13.01  | 28.59                                       | 115.19   | 0.329   | 0.987  |
| 1975 .....       | 1.19  | 4.70  | 14.24  | 30.63                                       | 132.10   | 0.239   | 0.838  |
| 1976 .....       | 1.32  | 4.70  | 13.67  | 29.64                                       | 143.05   | 0.223   | 0.504  |
| 1977 .....       | 1.76  | 5.44  | 15.15  | 35.17                                       | 150.03   | 0.239   | 1.228  |
| 1978 .....       | 1.85  | 6.18  | 17.70  | 41.77                                       | 180.77   | 0.276   | 0.814  |
| 1979 .....       | 2.36  | 7.49  | 22.40  | 52.39                                       | 234.24   | 0.383   | 1.960  |
| 1980 .....       | 2.10  | 8.38  | 25.51  | 55.18                                       | 235.45   | 0.378   | 1.942  |
| 1981 .....       | 3.14  | 8.63  | 28.53  | 59.45                                       | 226.84   | 0.386   | 2.091  |
| 1982 .....       | 2.58  | 7.56  | 24.69  | 57.10                                       | 224.72   | 0.320   | 2.155  |
| 1983 .....       | 2.10  | 9.20  | 27.57  | 52.04                                       | 225.84   | 0.335   | 2.155  |
| 1984 .....       | 3.19  | 13.67                                       | 28.38  | 55.79                                       | 238.48   | 0.375   | 2.155  |
| 1985 .....       | 2.77  | 11.55                                       | 30.15  | 64.13                                       | 232.39   | 0.413   | 2.288  |
| 1986 .....       | 3.01  | 12.76                                       | 28.82  | 60.49                                       | 249.74   | 0.412   | 2.388  |
| 1987 .....       | 2.97  | 17.57                                       | 27.54  | 70.62                                       | 280.40   | 0.418   | 2.546  |
| 1988 .....       | 4.16  | 10.13                                       | 27.46  | 58.66                                       | 284.55   | 0.440   | 3.956  |
| 1st Quarter 1989 | 4.15  | 9.98  | 28.98  | 75.12                                       | 316.09   | 0.462   | 3.201  |
| 2nd Quarter 1989 | 3.84  | 10.96                                       | 28.59  | 67.44                                       | 301.26   | 0.491   | 3.578  |
| 3rd Quarter 1989 | 4.69  | 10.71                                       | 29.03  | 79.67                                       | 299.19   | 0.507   | 2.821  |
| 4th Quarter 1989 | 4.39  | 11.15                                       | 34.22  | 60.58                                       | 287.11   | 0.470   | 3.142  |
| Year 1989        | 4.19  | 10.62                                       | 29.43  | 73.78                                       | 303.49   | 0.483   | 3.103  |
| 1st Quarter 1990 | 3.98  | 9.81  | 28.40  | 66.88                                       | 318.93   | 0.481   | 1.763  |
| 2nd Quarter 1990 | 3.50  | 10.82                                       | 32.71  | 105.80                                      | 261.53   | 0.433   | 3.156  |
| 3rd Quarter 1990 | 4.97  | 11.36                                       | 30.36  | 66.60                                       | 335.80   | 0.551   | 3.688  |
| 4th Quarter 1990 | 6.18  | 12.05                                       | 32.71  | 71.13                                       | 323.73   | 0.542   | 1.373  |
| Year 1990        | 4.73  | 12.05                                       | 30.77  | 68.93                                       | 295.24   | 0.469   | 2.209  |
| 1st Quarter 1991 | 2.91  | 10.74                                       | 32.92  | 54.05                                       | 295.31   | 0.449   | 1.501  |
| 2nd Quarter 1991 | 2.24  | 10.71                                       | 33.65  | 63.11                                       | 308.33   | 0.475   | 2.059  |
| 3rd Quarter 1991 | 4.93  | 9.59  | 33.86  | 98.49                                       | 296.52   | 0.384   | 2.467  |
| 4th Quarter 1991 | 4.98  | 9.24  | 33.53  | 89.36                                       | 276.40   | 0.449   | 2.953  |
| Year 1991        | 3.08  | 10.07                                       | 33.43  | 62.64                                       | 295.21   | 0.431   | 2.284  |
| 1st Quarter 1992 | 5.30  | 10.60                                       | 34.02  | 59.19                                       | 293.75   | 0.493   | 3.031  |
| 2nd Quarter 1992 | 3.46  | 9.84  | 35.88  | 64.41                                       | 267.57   | 0.414   | 2.872  |
| 3rd Quarter 1992 | 3.54  | 10.73                                       | 30.40  | 72.20                                       | 257.58   | 0.438   | 2.824  |
| 4th Quarter 1992 | 2.92  | 8.51  | 29.95  | 73.46                                       | 249.50   | 0.384   | 3.294  |
| Year 1992        | 3.62  | 9.76  | 32.46  | 66.78                                       | 265.31   | 0.419   | 3.073  |
| 1st Quarter 1993 | 2.95  | 9.09  | 34.52  | 60.32                                       | 244.36   | 0.404   | 2.570  |
| 2nd Quarter 1993 | 8.42  | 11.57                                       | 36.00  | 60.15                                       | 261.00   | 0.495   | 3.094  |
| 3rd Quarter 1993 | 5.91  | 11.87                                       | 35.88  | 86.73                                       | 254.16   | 0.495   | 1.918  |
| 4th Quarter 1993 | 6.38  | 8.89  | 34.07  | 74.30                                       | 234.58   | 0.477   | 2.901  |
| Year 1993        | 4.53  | 9.89  | 35.41  | 66.76                                       | 243.79   | 0.464   | 2.706  |
| 1st Quarter 1994 | 6.14  | 10.18                                       | 37.70  | 74.64                                       | 305.74   | 0.529   | 2.824  |
| 2nd Quarter 1994 | 6.71  | 10.09                                       | 36.96  | 69.34                                       | 288.20   | 0.546   | 2.464  |
| 3rd Quarter 1994 | 3.32  | 10.10                                       | 40.20  | 62.41                                       | 288.08   | 0.544   | 2.724  |
| 4th Quarter 1994 | 4.17  | 11.01                                       | 36.30  | 61.88                                       | 262.81   | 0.553   | 2.092  |
| Year 1994        | 4.68  | 10.39                                       | 37.15  | 66.45                                       | 277.92   | 0.547   | 2.334  |
| 1st Quarter 1995 | 2.43  | 10.22                                       | 31.18  | 53.16                                       | 327.24   | 0.512   | 2.010  |
| 2nd Quarter 1995 | 6.41  | 10.44                                       | 34.65  | 88.16                                       | 299.87   | 0.528   | 2.747  |
| 3rd Quarter 1995 | 5.81  | 9.90  | 41.55  | 74.40                                       | 272.87   | 0.472   | 2.268  |
| 4th Quarter 1995 | 5.05  | 9.81  | 35.20  | 65.71                                       | 335.51   | 0.532   | 3.333  |
| Year 1995        | 4.10  | 10.18                                       | 35.29  | 63.85                                       | 298.80   | 0.499   | 2.266  |
| 1st Quarter 1996 | 3.10  | 8.85  | 40.17  | 68.77                                       | 290.05   | 0.457   | 1.737  |
| 2nd Quarter 1996 | 4.33  | 9.55  | 37.15  | 53.69                                       | 310.56   | 0.536   | 2.560  |
| 3rd Quarter 1996 | 3.63  | 11.09                                       | 37.38  | 65.96                                       | 329.35   | 0.488   | 2.334  |
| 4th Quarter 1996 | 8.40  | 10.22                                       | 38.46  | 88.48                                       | 339.02   | 0.538   | 2.728  |
| Year 1996        | 3.89  | 9.74  | 37.66  | 65.93                                       | 321.88   | 0.512   | 2.172  |
| 1st Quarter 1997 | 5.79  | 10.46                                       | 39.05  | 248.72                                      | 376.38   | 0.610   | 2.050  |
| 2nd Quarter 1997 | 3.80  | 9.82  | 34.23  | 76.68                                       | 267.68   | 0.444   | 3.418  |
| 3rd Quarter 1997 | 8.23  | 10.39                                       | 38.09  | 88.50                                       | 300.20   | 0.537   | 2.220  |
| 4th Quarter 1997 | 8.79  | 11.82                                       | 39.85  | 76.40                                       | 354.50   | 0.508   | 2.530  |
| Year 1997        | 5.25  | 10.29                                       | 36.07  | 78.48                                       | 308.54   | 0.496   | 2.337  |
| 1st Quarter 1998 | 4.24  | 9.37  | 35.41  | 66.99                                       | 283.64   | 0.455   | 1.784  |
| 2nd Quarter 1998 | 4.71  | 12.13                                       | 37.63  | 89.68                                       | 336.27   | 0.635   | 2.963  |
| 3rd Quarter 1998 | 8.39  | 12.41                                       | 45.23  | 101.57                                      | 361.63   | 0.575   | 2.748  |
| 4th Quarter 1998 | 3.95  | 12.19                                       | 42.82  | 83.00                                       | 318.20   | 0.519   | 2.205  |
| Year 1998        | 4.95  | 11.55                                       | 38.78  | 75.91                                       | 319.95   | 0.553   | 2.595  |
| 1st Quarter 1999 | 6.18  | 11.94                                       | 40.06  | 57.07                                       | 276.07   | 0.523   | 3.893  |
| 2nd Quarter 1999 | 6.35  | 12.74                                       | 40.62  | 94.56                                       | 331.12   | 0.485   | 3.161  |

|                  |      |       |       |        |        |       |       |
|------------------|------|-------|-------|--------|--------|-------|-------|
| 3rd Quarter 1999 | 8.79 | 13.93 | 39.80 | 78.28  | 479.02 | 0.643 | 2.687 |
| 4th Quarter 1999 | 3.24 | 12.22 | 39.83 | 95.85  | 264.92 | 0.556 | 4.624 |
| Year 1999        | 6.55 | 12.86 | 40.14 | 77.95  | 321.22 | 0.521 | 3.215 |
| 1st Quarter 2000 | 6.32 | 13.62 | 43.83 | 116.91 | 465.68 | 0.512 | 3.370 |

1. UNCLASSIFIED
5. INCLUDES MISCELLANEOUS META

EXHIBIT B  
METRIC UNITS  
CALIFORNIA DEPARTMENT OF TRANSPORTATION  
AVERAGE HIGHWAY  
CONTRACT PRICES

|                  | <u>ROADWAY<br/>EXCAVATION<br/>" 1 "</u><br>PER M3 | <u>AGGREGATE<br/>BASE</u><br>PER TONN | <u>ASPHALT<br/>CONCRETE<br/>PAVEMENT</u><br>PER TONN | <u>PCC<br/>PAVEMENT</u><br>PER M3 | <u>CLASS "A"<br/>PCC<br/>STRUCTURE</u><br>PER M3 | <u>BAR<br/>REINFORCING<br/>STEEL</u><br>PER KG | <u>STRUCTURAL<br/>STEEL<br/>" 2 "</u><br>PER KG |
|------------------|---|---------------------------------------|--|-----------------------------------|--|--|---|
| 1972 .....       | 1.24  | 3.54                                  | 9.06   | 25.15                             | 107.36   | 0.351  | 0.983   |
| 1973 .....       | 0.98  | 3.46                                  | 9.94   | 25.16                             | 122.42   | 0.373  | 1.400   |
| 1974 .....       | 1.65  | 4.66                                  | 14.34  | 37.39                             | 150.66   | 0.725  | 2.176   |
| 1975 .....       | 1.56  | 5.18                                  | 15.70  | 40.06                             | 172.78   | 0.527  | 1.847   |
| 1976 .....       | 1.73  | 5.18                                  | 15.07  | 38.77                             | 187.10   | 0.492  | 1.111   |
| 1977 .....       | 2.30  | 6.00                                  | 16.70  | 46.00                             | 196.23   | 0.527  | 2.707   |
| 1978 .....       | 2.42  | 6.81                                  | 19.51  | 54.63                             | 236.44   | 0.608  | 1.795   |
| 1979 .....       | 3.09  | 8.26                                  | 24.69  | 68.52                             | 306.37   | 0.844  | 4.321   |
| 1980 .....       | 2.75  | 9.24                                  | 28.12  | 72.17                             | 307.96   | 0.833  | 4.281   |
| 1981 .....       | 4.11  | 9.51                                  | 31.45  | 77.76                             | 296.70   | 0.851  | 4.610   |
| 1982 .....       | 3.37  | 8.33                                  | 27.22  | 74.68                             | 293.92   | 0.705  | 4.751   |
| 1983 .....       | 2.75  | 10.14                                 | 30.39  | 68.07                             | 295.39   | 0.739  | 4.751   |
| 1984 .....       | 4.17  | 15.07                                 | 31.28  | 72.97                             | 311.92   | 0.827  | 4.751   |
| 1985 .....       | 3.62  | 12.73                                 | 33.23  | 83.88                             | 303.95   | 0.911  | 5.044   |
| 1986 .....       | 3.94  | 14.07                                 | 31.77  | 79.12                             | 326.65   | 0.908  | 5.265   |
| 1987 .....       | 3.88  | 19.37                                 | 30.36  | 92.37                             | 366.75   | 0.922  | 5.613   |
| 1988 .....       | 5.44  | 11.17                                 | 30.27  | 76.72                             | 372.18   | 0.970  | 8.721   |
| 1st Quarter 1989 | 5.43  | 11.00                                 | 31.95  | 98.25                             | 413.43   | 1.019  | 7.057   |
| 2nd Quarter 1989 | 5.02  | 12.08                                 | 31.52  | 88.21                             | 394.03   | 1.082  | 7.888   |
| 3rd Quarter 1989 | 6.13  | 11.81                                 | 32.00  | 104.20                            | 391.33   | 1.118  | 6.219   |
| 4th Quarter 1989 | 5.74  | 12.29                                 | 37.72  | 79.24                             | 375.53   | 1.036  | 6.927   |
| Year 1989        | 5.48  | 11.71                                 | 32.44  | 96.50                             | 396.95   | 1.065  | 6.841   |
| 1st Quarter 1990 | 5.21  | 10.81                                 | 31.31  | 87.48                             | 417.14   | 1.060  | 3.887   |
| 2nd Quarter 1990 | 4.58  | 11.93                                 | 36.06  | 138.38                            | 342.07   | 0.955  | 6.958   |
| 3rd Quarter 1990 | 6.50  | 12.52                                 | 33.47  | 87.11                             | 439.21   | 1.215  | 8.131   |
| 4th Quarter 1990 | 8.08  | 13.28                                 | 36.06  | 93.03                             | 423.42   | 1.195  | 3.027   |
| Year 1990        | 6.19  | 13.28                                 | 33.92  | 90.16                             | 386.16   | 1.034  | 4.870   |
| 1st Quarter 1991 | 3.81  | 11.84                                 | 36.29  | 70.69                             | 386.25   | 0.990  | 3.309   |
| 2nd Quarter 1991 | 2.93  | 11.81                                 | 37.09  | 82.54                             | 403.28   | 1.047  | 4.539   |
| 3rd Quarter 1991 | 6.45  | 10.57                                 | 37.32  | 128.82                            | 387.83   | 0.847  | 5.439   |
| 4th Quarter 1991 | 6.51  | 10.19                                 | 36.96  | 116.88                            | 361.52   | 0.990  | 6.510   |
| Year 1991        | 4.03  | 11.10                                 | 36.85  | 81.93                             | 386.12   | 0.950  | 5.035   |
| 1st Quarter 1992 | 6.93  | 11.68                                 | 37.50  | 77.42                             | 384.21   | 1.087  | 6.682   |
| 2nd Quarter 1992 | 4.53  | 10.85                                 | 39.55  | 84.25                             | 349.97   | 0.913  | 6.332   |
| 3rd Quarter 1992 | 4.63  | 11.83                                 | 33.51  | 94.43                             | 336.90   | 0.966  | 6.226   |
| 4th Quarter 1992 | 3.82  | 9.38                                  | 33.01  | 96.08                             | 326.33   | 0.847  | 7.262   |
| Year 1992        | 4.73  | 10.76                                 | 35.78  | 87.34                             | 347.01   | 0.924  | 6.775   |
| 1st Quarter 1993 | 3.86  | 10.02                                 | 38.05  | 78.90                             | 319.61   | 0.891  | 5.666   |
| 2nd Quarter 1993 | 11.01   | 12.75                                 | 39.68  | 78.67                             | 341.38   | 1.091  | 6.821   |
| 3rd Quarter 1993 | 7.73  | 13.08                                 | 39.55  | 113.44                            | 332.43   | 1.091  | 4.228   |
| 4th Quarter 1993 | 8.34  | 9.80                                  | 37.56  | 97.18                             | 306.82   | 1.052  | 6.396   |
| Year 1993        | 5.93  | 10.90                                 | 39.03  | 87.32                             | 318.87   | 1.023  | 5.966   |
| 1st Quarter 1994 | 7.57  | 11.53                                 | 43.05  | 325.31                            | 492.29   | 1.345  | 4.519   |
| 2nd Quarter 1994 | 8.78  | 11.12                                 | 40.74  | 90.69                             | 376.95   | 1.204  | 5.432   |
| 3rd Quarter 1994 | 4.34  | 11.13                                 | 44.31  | 81.63                             | 376.79   | 1.199  | 6.005   |
| 4th Quarter 1994 | 5.45  | 12.14                                 | 40.01  | 80.94                             | 343.74   | 1.219  | 4.612   |
| Year 1994        | 6.12  | 11.45                                 | 40.95  | 86.91                             | 363.51   | 1.206  | 5.146   |
| 1st Quarter 1995 | 3.18  | 11.27                                 | 34.37  | 69.53                             | 428.01   | 1.129  | 4.431   |
| 2nd Quarter 1995 | 8.38  | 11.51                                 | 38.20  | 115.31                            | 392.22   | 1.164  | 6.056   |
| 3rd Quarter 1995 | 7.60  | 10.91                                 | 45.80  | 97.31                             | 356.90   | 1.041  | 5.000   |
| 4th Quarter 1995 | 6.61  | 10.81                                 | 38.80  | 85.95                             | 438.83   | 1.173  | 7.348   |
| Year 1995        | 5.36  | 11.22                                 | 38.90  | 83.51                             | 390.82   | 1.100  | 4.996   |
| 1st Quarter 1996 | 4.05  | 9.76                                  | 44.28  | 89.95                             | 379.37   | 1.008  | 3.829   |
| 2nd Quarter 1996 | 5.66  | 10.53                                 | 40.95  | 70.22                             | 406.20   | 1.182  | 5.644   |
| 3rd Quarter 1996 | 4.75  | 12.22                                 | 41.20  | 86.27                             | 430.77   | 1.076  | 5.146   |
| 4th Quarter 1996 | 10.99   | 11.27                                 | 42.39  | 115.73                            | 443.42   | 1.186  | 6.014   |
| Year 1996        | 5.09  | 10.74                                 | 41.51  | 86.23                             | 421.00   | 1.129  | 4.788   |
| 1st Quarter 1997 | 7.57  | 11.53                                 | 43.05  | 325.31                            | 492.29   | 1.345  | 4.519   |
| 2nd Quarter 1997 | 4.97  | 10.82                                 | 37.73  | 100.29                            | 350.11   | 0.979  | 7.535   |
| 3rd Quarter 1997 | 10.76   | 11.45                                 | 41.99  | 115.75                            | 392.65   | 1.184  | 4.894   |
| 4th Quarter 1997 | 11.50   | 13.03                                 | 43.93  | 99.93                             | 463.67   | 1.120  | 5.578   |
| Year 1997        | 6.87  | 11.35                                 | 39.76  | 102.65                            | 403.56   | 1.094  | 5.152   |
| 1st Quarter 1998 | 5.55  | 10.33                                 | 39.03  | 87.62                             | 370.99   | 1.003  | 3.933   |
| 2nd Quarter 1998 | 6.16  | 13.37                                 | 41.48  | 117.30                            | 439.82   | 1.400  | 6.532   |
| 3rd Quarter 1998 | 10.97   | 13.68                                 | 49.86  | 132.85                            | 472.99   | 1.268  | 6.058   |
| 4th Quarter 1998 | 5.17  | 13.44                                 | 47.20  | 108.56                            | 416.20   | 1.144  | 4.862   |
| Year 1998        | 6.47  | 12.73                                 | 42.75  | 99.29                             | 418.48   | 1.219  | 5.721   |
| 1st Quarter 1999 | 8.08  | 13.16                                 | 44.16  | 74.64                             | 361.09   | 1.153  | 8.583   |
| 2nd Quarter 1999 | 8.30  | 14.04                                 | 44.78  | 123.68                            | 433.08   | 1.069  | 6.969   |

|                  |       |       |       |        |        |       |        |
|------------------|-------|-------|-------|--------|--------|-------|--------|
| 3rd Quarter 1999 | 11.50 | 15.36 | 43.88 | 102.39 | 626.53 | 1.418 | 5.924  |
| 4th Quarter 1999 | 4.23  | 13.47 | 43.91 | 125.37 | 346.51 | 1.225 | 10.194 |
| Year 1999        | 8.57  | 14.17 | 44.24 | 101.95 | 420.15 | 1.148 | 7.088  |
| 1st Quarter 2000 | 8.27  | 15.02 | 48.31 | 152.91 | 609.09 | 1.128 | 7.431  |

- 1. UNCLASSIFIED
- 7 INCLUDES MISCELLANEOUS METAL